

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
 Data File : BF117982.D
 Acq On : 25 Nov 2019 22:52
 Operator : JU
 Sample : K5999-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDLEWILD-BH-05MSD

Manual Integrations
 APPROVED

Quant Time: Nov 26 05:57:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	163542	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	663360	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	373339	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	709860	20.00	ng	0.00
76) Chrysene-d12	14.09	240	457850	20.00	ng	0.00
87) Perylene-d12	15.58	264	396146	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	895251	96.90	ng	0.02
7) Phenol-d6	6.52	99	1183184	106.17	ng	0.00
23) Nitrobenzene-d5	7.46	82	738616	66.19	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	398543	100.83	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1206707	57.99	ng	0.00
79) Terphenyl-d14	13.02	244	1247951	49.81	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	136751	31.665	ng	95
3) Pyridine	3.52	79	346331	30.571	ng	97
4) n-Nitrosodimethylamine	3.48	42	179012	36.199	ng	99
6) Aniline	6.55	93	383113	26.016	ng	99
8) 2-Chlorophenol	6.67	128	436648	43.555	ng	98
9) Benzaldehyde	6.44	77	196191	23.953	ng	95
10) Phenol	6.53	94	516065m	44.565	ng	
11) bis(2-Chloroethyl)ether	6.63	93	378234	40.673	ng	96
12) 1,3-Dichlorobenzene	6.83	146	475469	40.285	ng	98
13) 1,4-Dichlorobenzene	6.91	146	482324	40.429	ng	99
14) 1,2-Dichlorobenzene	7.06	146	455276	39.902	ng	100
15) Benzyl Alcohol	7.03	79	389780	45.304	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	480511	33.562	ng	96
17) 2-Methylphenol	7.15	107	367378	43.272	ng	99
18) Hexachloroethane	7.40	117	173786	39.653	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	294545	42.844	ng	98
20) 3+4-Methylphenols	7.29	107	453467	43.028	ng	# 82
22) Acetophenone	7.30	105	599987	40.258	ng	# 97
24) Nitrobenzene	7.47	77	459170	39.886	ng	98
25) Isophorone	7.72	82	836990	40.923	ng	97
26) 2-Nitrophenol	7.79	139	251218	44.834	ng	97
27) 2,4-Dimethylphenol	7.83	122	414504	47.607	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	503490	38.793	ng	99
29) 2,4-Dichlorophenol	8.03	162	394392	41.760	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	425148	38.809	ng	99
31) Naphthalene	8.20	128	1316443	42.569	ng	99
32) Benzoic acid	7.96	122	279854	38.387	ng	96
33) 4-Chloroaniline	8.25	127	176885	12.776	ng	96
34) Hexachlorobutadiene	8.32	225	247293	38.610	ng	99
35) Caprolactam	8.63	113	123967m	41.301	ng	
36) 4-Chloro-3-methylphenol	8.73	107	428144	44.669	ng	95
37) 2-Methylnaphthalene	8.89	142	924418	44.241	ng	100
38) 1-Methylnaphthalene	8.99	142	867982	43.939	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	404384	37.297	ng	98

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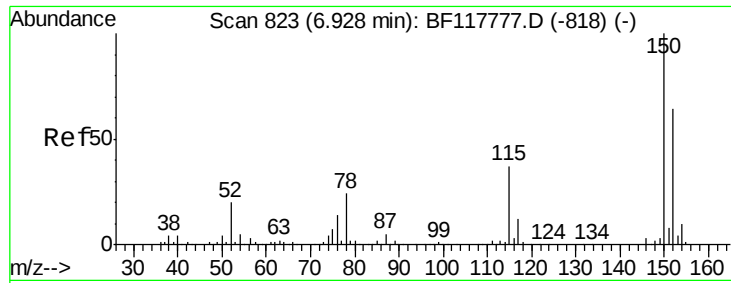
Instrument :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	503618	82.887	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	303294	39.055	nq	98
44) 2,4,5-Trichlorophenol	9.22	196	311446	38.626	nq	99
46) 1,1'-Biphenyl	9.36	154	1124637	40.603	nq	98
47) 2-Chloronaphthalene	9.39	162	859309	37.712	nq	97
48) 2-Nitroaniline	9.48	65	254143	36.944	nq	95 mohammad
49) Acenaphthylene	9.80	152	1380601	41.558	nq	99
50) Dimethylphthalate	9.67	163	1273792	48.655	nq	97
51) 2,6-Dinitrotoluene	9.73	165	237140	41.445	nq	88
52) Acenaphthene	9.98	154	818053	38.440	nq	99
53) 3-Nitroaniline	9.89	138	125917	18.391	nq	97 11/26/2019 12:49:14 PM
54) 2,4-Dinitrophenol	10.00	184	227935	77.754	nq	89
55) Dibenzofuran	10.15	168	1215734	41.254	nq	98
56) 4-Nitrophenol	10.06	139	400761	78.420	nq	92
57) 2,4-Dinitrotoluene	10.13	165	316606	43.499	nq	98
58) Fluorene	10.50	166	939111	41.123	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	264319	39.897	nq	97
60) Diethylphthalate	10.37	149	1064172	41.693	nq	100
61) 4-Chlorophenyl-phenylether	10.49	204	469679	40.527	nq	99
62) 4-Nitroaniline	10.52	138	233425	34.051	nq	95
63) Azobenzene	10.65	77	934746	40.255	nq	97
65) 4,6-Dinitro-2-methylphenol	10.55	198	157957	47.665	nq	98
66) n-Nitrosodiphenylamine	10.60	169	844353	40.871	nq	98
67) 4-Bromophenyl-phenylether	10.97	248	303087	39.571	nq	# 89
68) Hexachlorobenzene	11.05	284	345995	38.740	nq	98
69) Atrazine	11.13	200	301614	44.382	nq	97
70) Pentachlorophenol	11.24	266	381631	73.140	nq	100
71) Phenanthrene	11.46	178	1400693	39.247	nq	98
72) Anthracene	11.52	178	1448790	40.943	nq	99
73) Carbazole	11.66	167	1264614	40.897	nq	99
74) Di-n-butylphthalate	11.99	149	1643104	42.678	nq	99
75) Fluoranthene	12.65	202	1417381	43.333	nq	99
77) Benzidine	12.77	184	663516	44.242	nq	98
78) Pyrene	12.88	202	1411215	38.140	nq	100
80) Butylbenzylphthalate	13.50	149	668214	42.047	nq	96
81) Benzo(a)anthracene	14.07	228	1188477	39.281	nq	99
82) 3,3'-Dichlorobenzidine	14.03	252	281727	26.620	nq	99
83) Chrysene	14.12	228	1123628	38.326	nq	98
84) Bis(2-ethylhexyl)phthalate	14.06	149	928638	48.199	nq	99
85) Di-n-octyl phthalate	14.67	149	1486069	52.502	nq	98
86) Indeno(1,2,3-cd)pyrene	17.10	276	890198	35.676	nq	98
88) Benzo(b)fluoranthene	15.14	252	999494	38.834	nq	99
89) Benzo(k)fluoranthene	15.17	252	976313	40.259	nq	98
90) Benzo(a)pyrene	15.52	252	852927	37.686	nq	99
91) Dibenzo(a,h)anthracene	17.12	278	754988	38.757	nq	97
92) Benzo(g,h,i)perylene	17.56	276	727652	37.503	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampleId :

IDLEWILD-BH-05MSD

Tot Ion:152 Resp: 163542

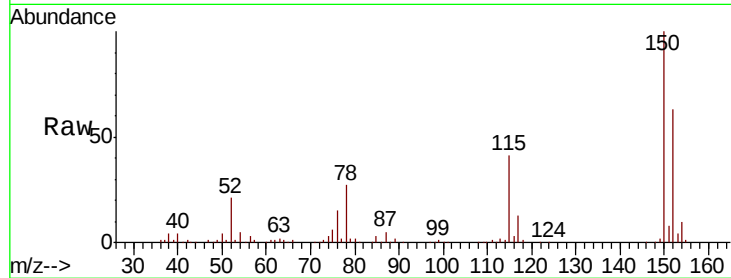
Ion Ratio Lower Upper

152 100

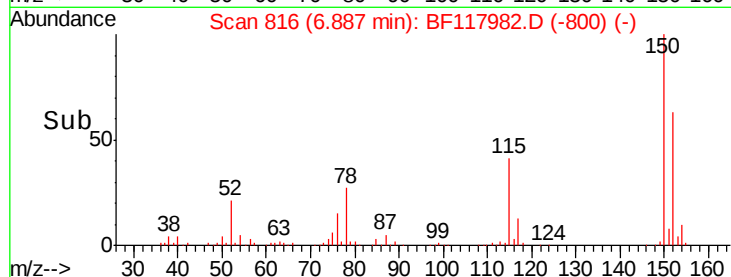
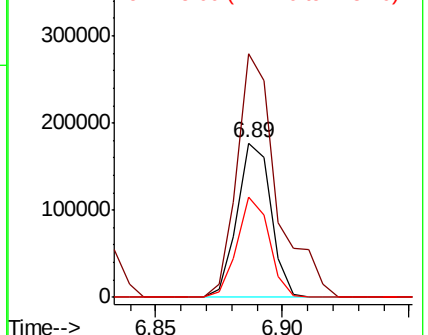
150 157.6 125.3 187.9

115 64.7 47.0 70.4

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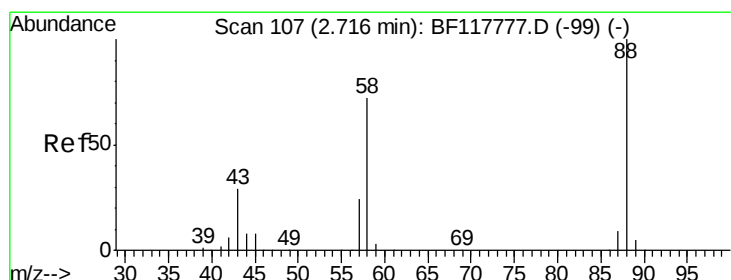


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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#2

1,4-Dioxane

Concen: 31.665 ng

RT: 2.78 min Scan# 118

Delta R.T. 0.11 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

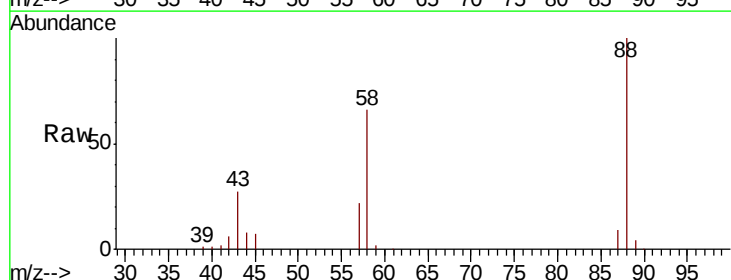
Tgt Ion: 88 Resp: 136751

Ion Ratio Lower Upper

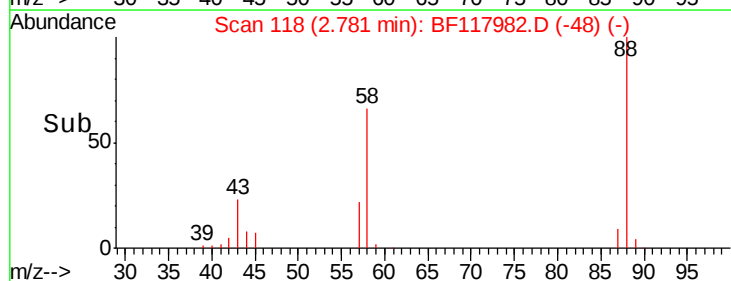
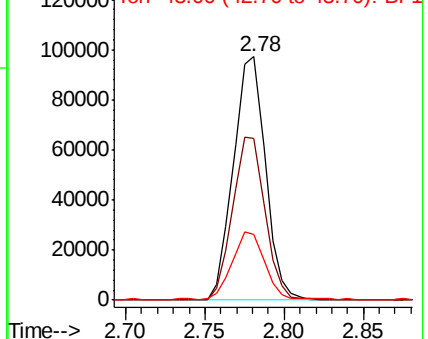
88 100

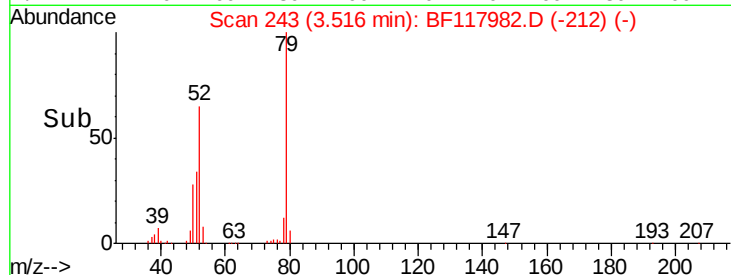
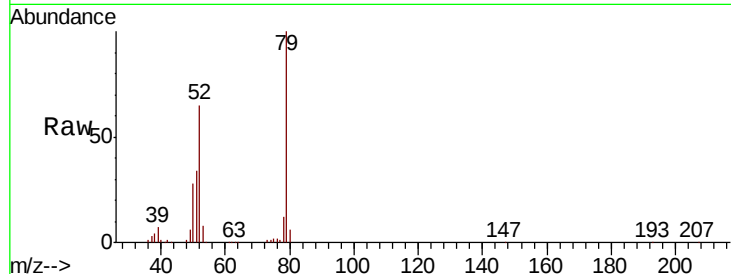
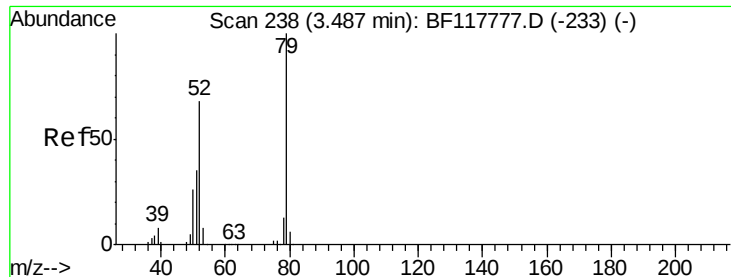
58 67.5 58.2 87.2

43 28.4 23.3 34.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1



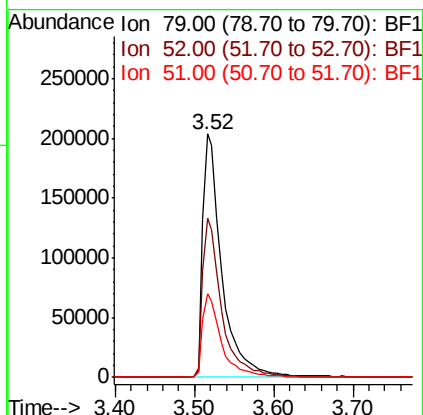


#3
Pvridine
Concen: 30.571 ng
RT: 3.52 min Scan# 243
Delta R.T. 0.08 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tot Ion:	79	Resp:	346331
Ion Ratio	Lower	Upper	
79	100		
52	65.3	54.8	82.2
51	34.2	28.2	42.4

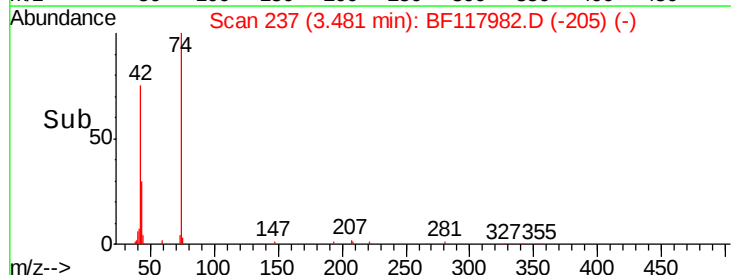
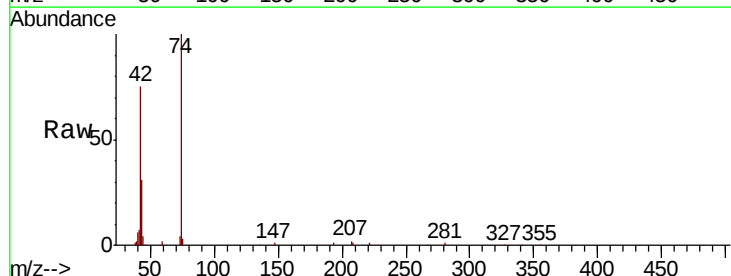
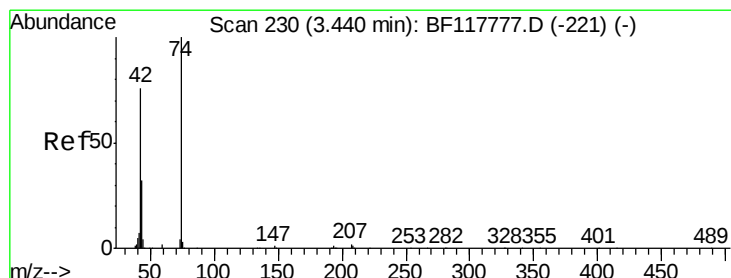
Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

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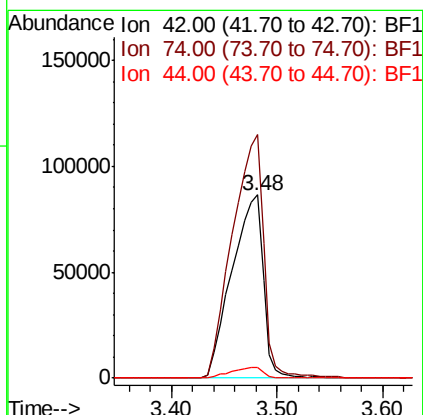
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#4
n-Nitrosodimethylamine
Concen: 36.199 ng
RT: 3.48 min Scan# 237
Delta R.T. 0.09 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion:	42	Resp:	179012
Ion Ratio	Lower	Upper	
42	100		
74	133.2	105.1	157.7
44	5.8	4.6	7.0





#5

2-Fluorophenol

Concen: 96.898 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

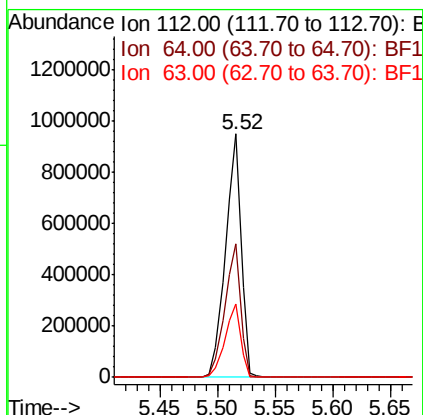
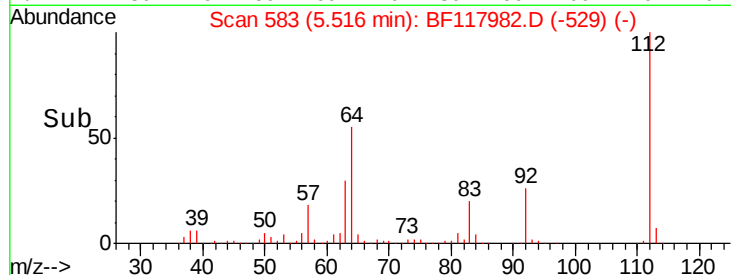
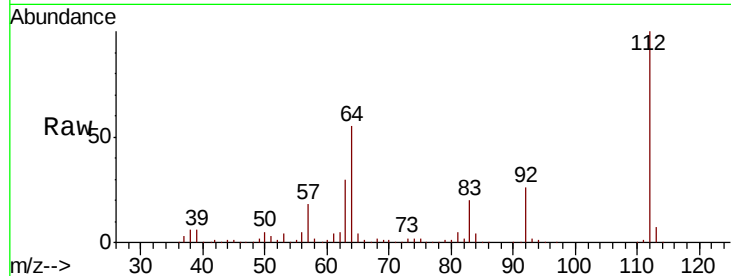
BNA_F

ClientSampleId :

IDLEWILD-BH-05MSD

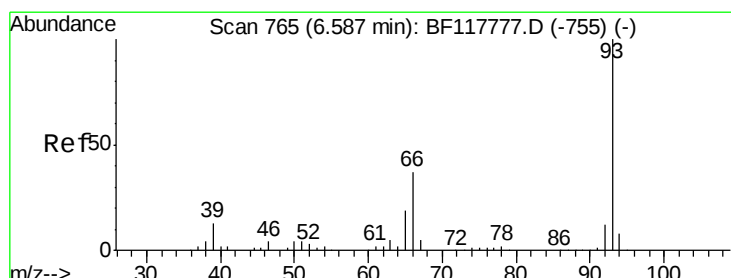
Tot Ion:	112	Resp:	895251
Ion Ratio	Lower	Upper	
112	100		
64	55.1	45.6	68.4
63	30.0	24.1	36.1

Manual Integrations
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#6

Aniline

Concen: 26.016 ng

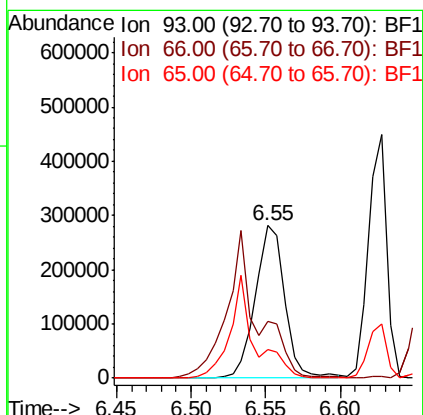
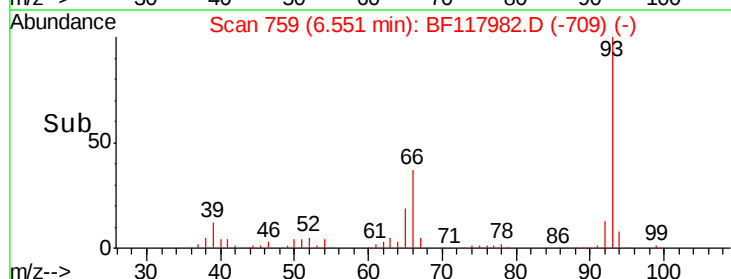
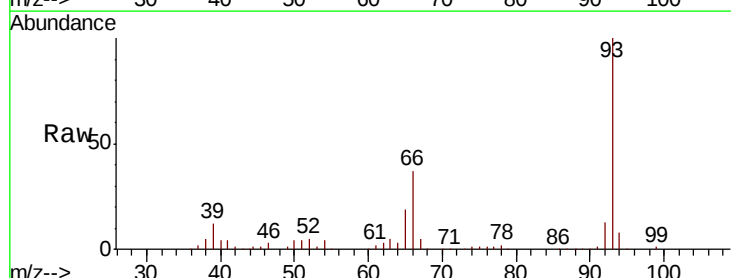
RT: 6.55 min Scan# 759

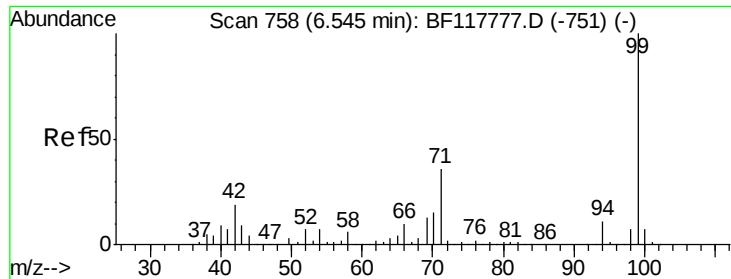
Delta R.T. -0.01 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Tgt Ion:	93	Resp:	383113
Ion Ratio	Lower	Upper	
93	100		
66	37.5	30.6	45.8
65	18.9	15.6	23.4





#7

Phenol-d6

Concen: 106.174 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampleId :

IDLEWILD-BH-05MSD

Tot Ion: 99 Resp: 1183184

Ion Ratio Lower Upper

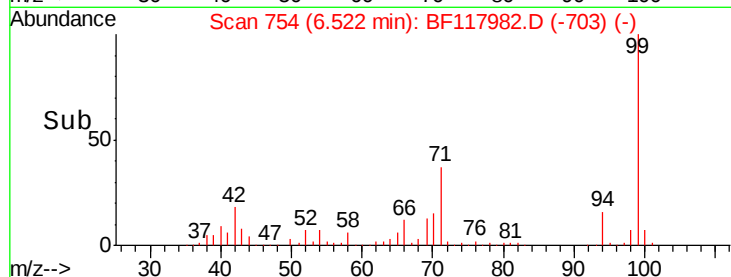
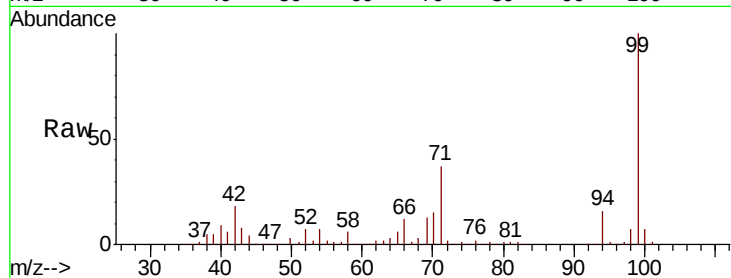
99 100

42 17.9 14.9 22.3

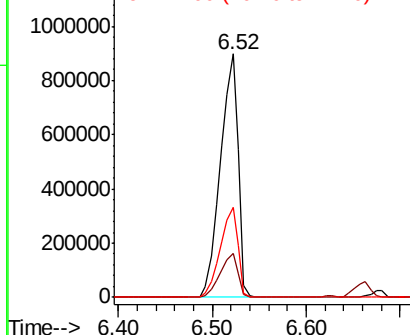
71 36.8 28.6 43.0

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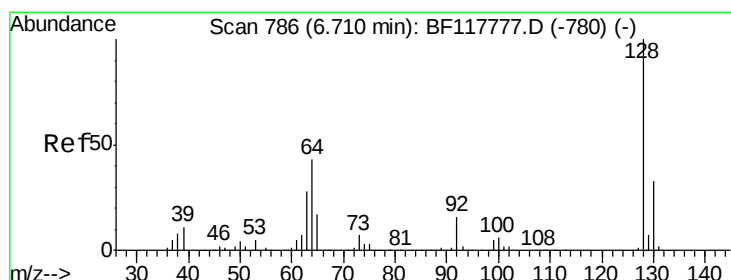


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



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#8

2-Chlorophenol

Concen: 43.555 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

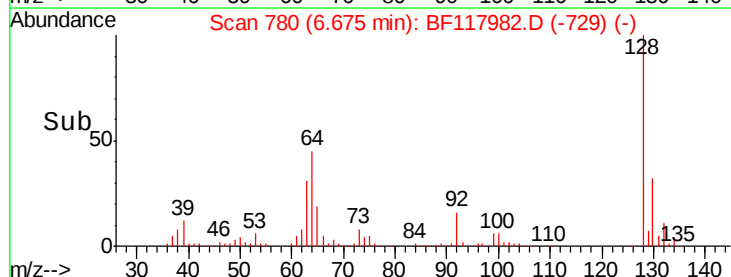
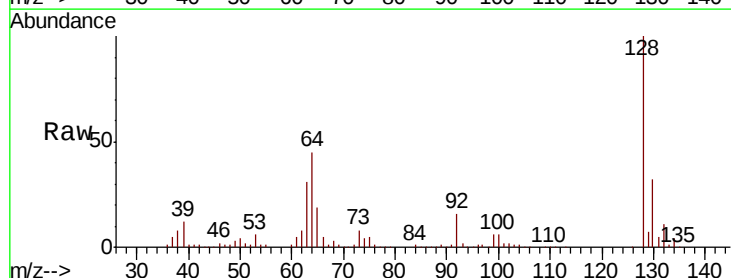
Tgt Ion: 128 Resp: 436648

Ion Ratio Lower Upper

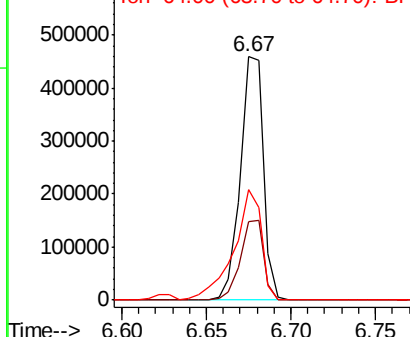
128 100

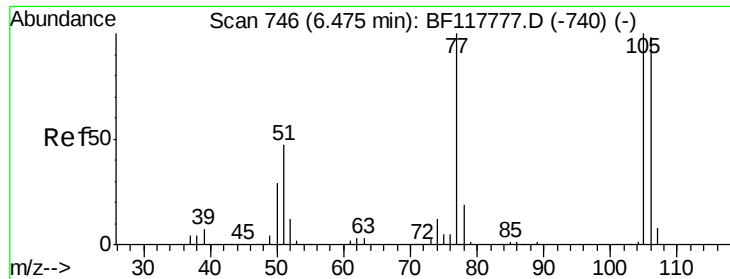
130 32.3 13.2 53.2

64 45.5 23.7 63.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.953 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

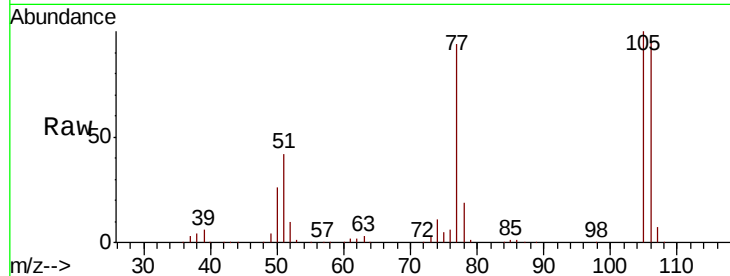
BNA_F

ClientSampleId :

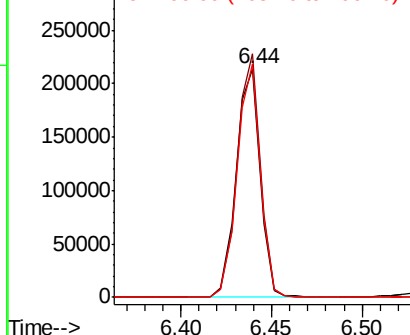
IDLEWILD-BH-05MSD

Tot Ion:	77	Resp:	196191
Ion	Ratio	Lower	Upper
77	100		
105	106.4	80.2	120.2
106	102.1	78.4	118.4

Manual Integrations
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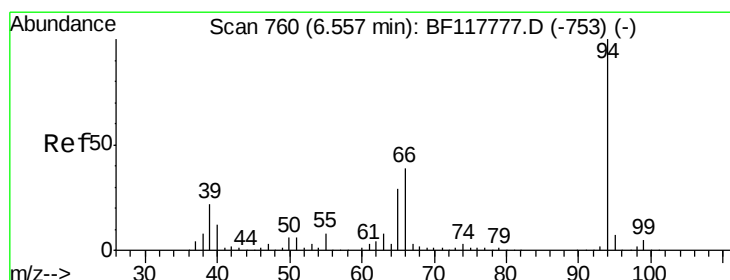
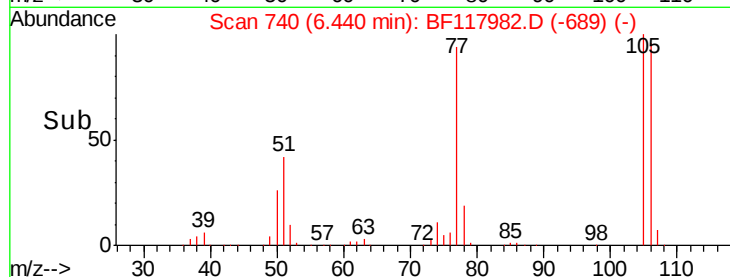


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



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#10

Phenol

Concen: 44.565 ng m

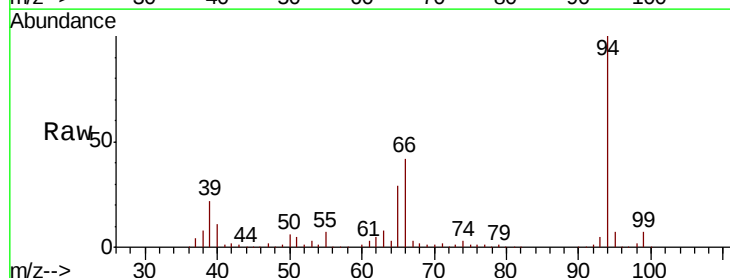
RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

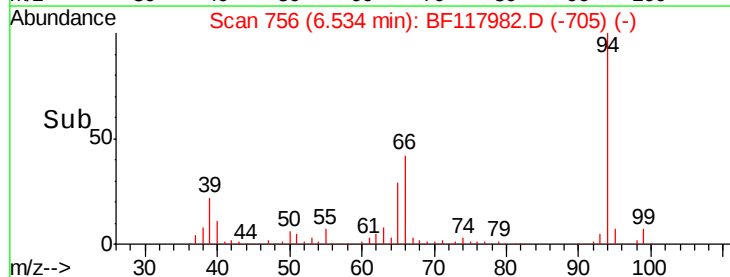
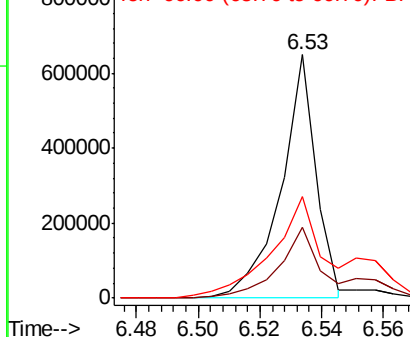
Lab File: BF117982.D

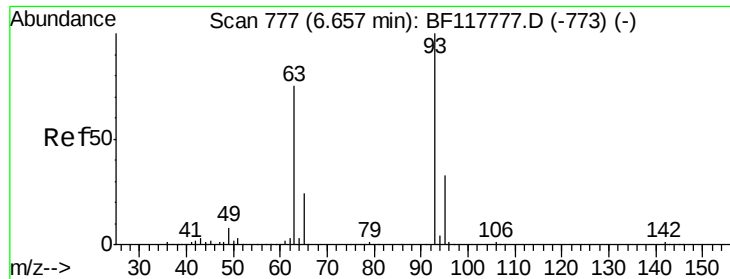
Acq: 25 Nov 2019 22:52

Tgt Ion:	94	Resp:	516065
Ion	Ratio	Lower	Upper
94	100		
65	29.0	8.9	48.9
66	41.8	18.7	58.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



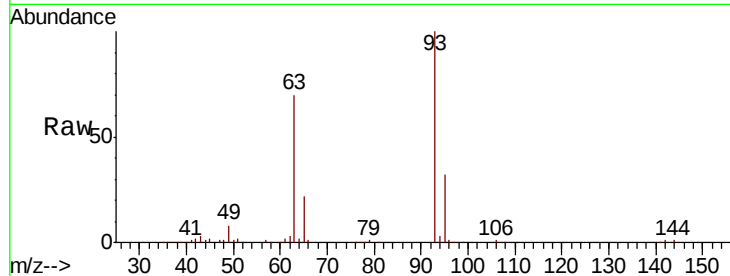


#11
bis(2-Chloroethyl)ether
Concen: 40.673 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

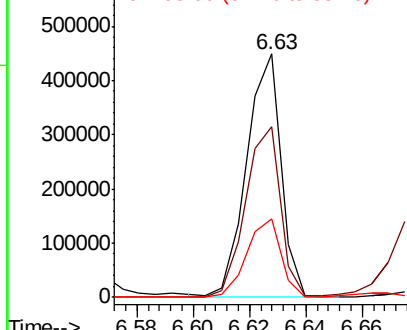
Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

Tot Ion	93	Resp	378234
Ion	Ratio	Lower	Upper
93	100		
63	70.2	54.8	94.8
95	32.0	12.7	52.7

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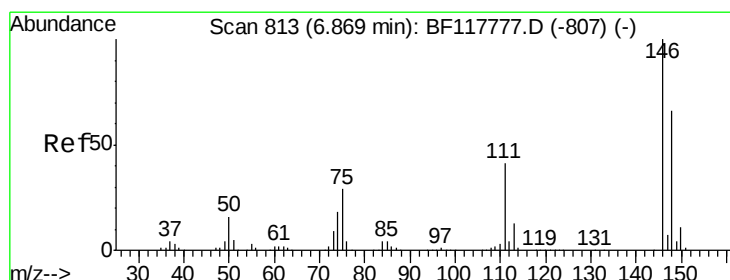
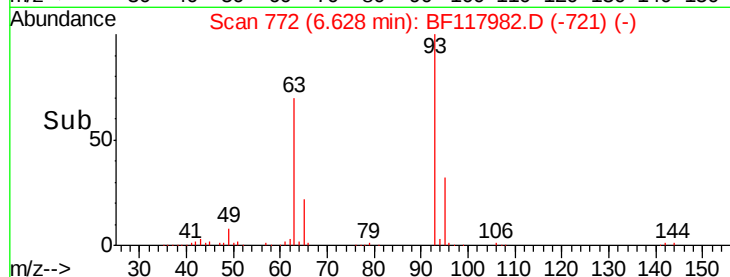


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



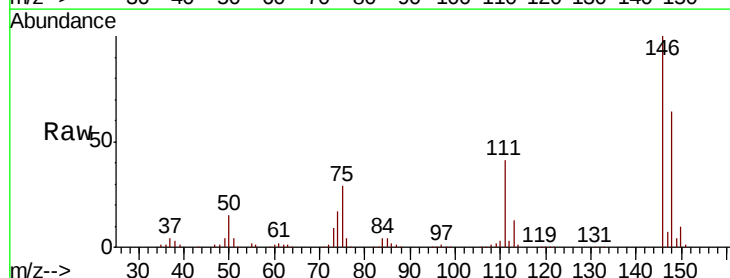
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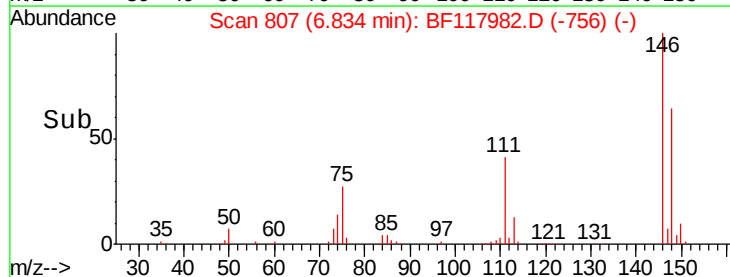
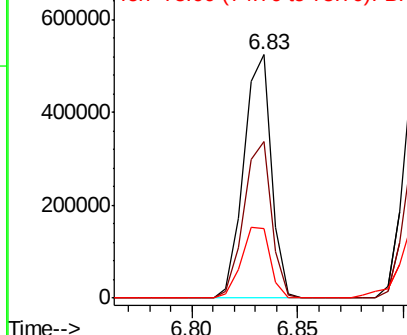


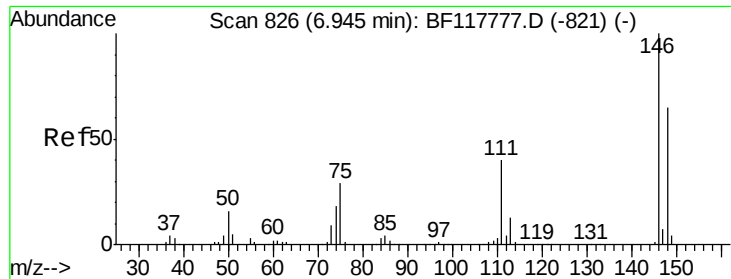
#12
1,3-Dichlorobenzene
Concen: 40.285 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	146	Resp	475469
Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.8	79.2
75	28.8	23.4	35.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1



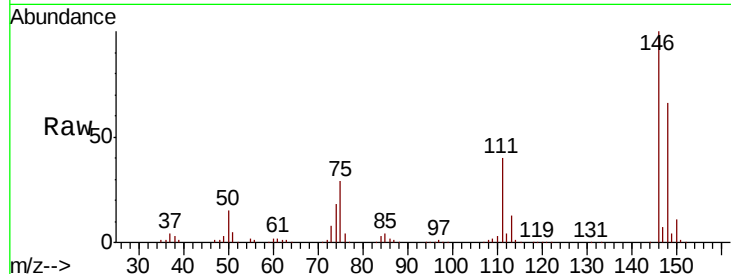


#13
 1,4-Dichlorobenzene
 Concen: 40.429 ng
 RT: 6.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Instrument :
 BNA_F
 ClientSampleId :
 IDLEWILD-BH-05MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.3	78.5
111	39.9	32.2	48.4

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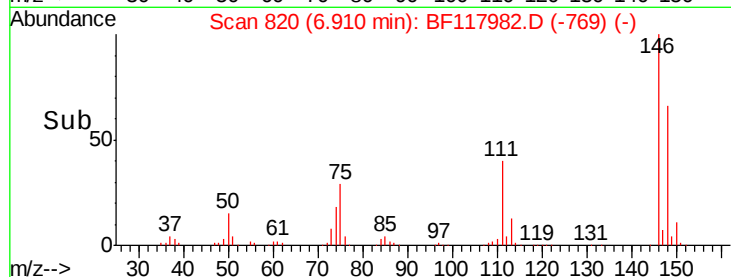
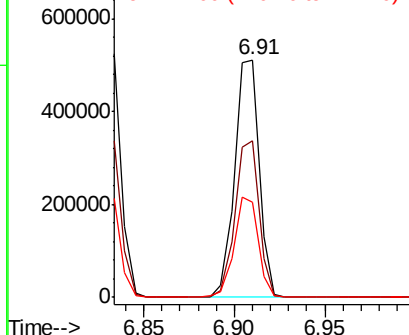


Abundance

Ion 146.00 (145.70 to 146.70): E

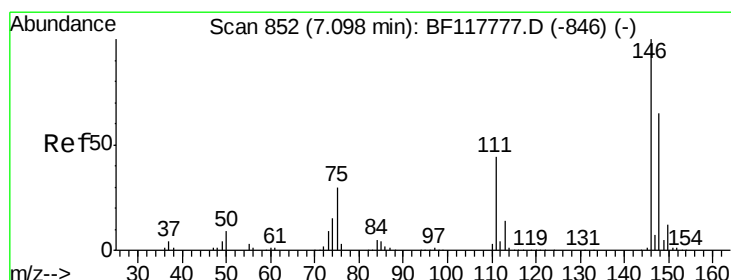
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



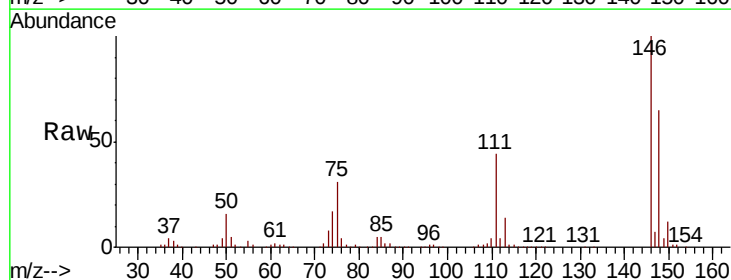
mohammad

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#14
 1,2-Dichlorobenzene
 Concen: 39.902 ng
 RT: 7.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.8
111	43.9	35.0	52.6

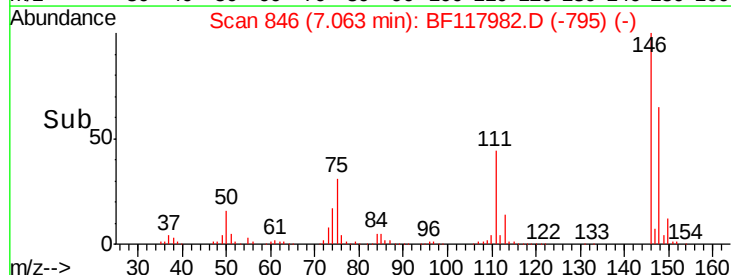
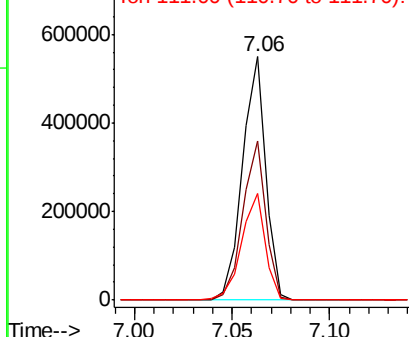


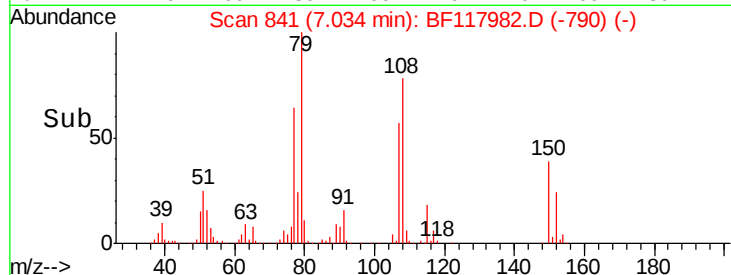
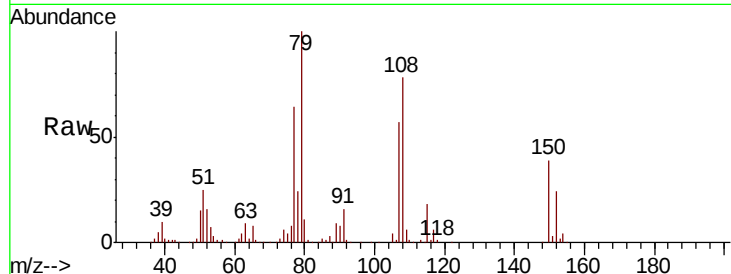
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



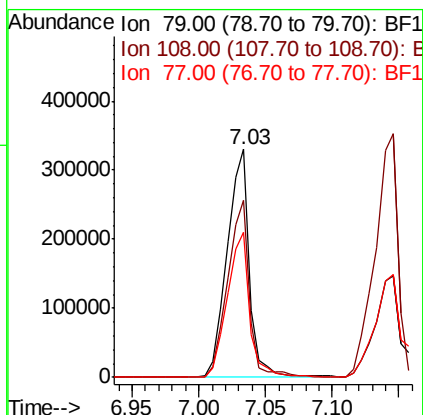


#15
Benzyl Alcohol
Concen: 45.304 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tot Ion:	79	Resp:	389780
Ion Ratio	Lower	Upper	
79	100		
108	77.8	64.1	96.1
77	63.8	51.3	76.9

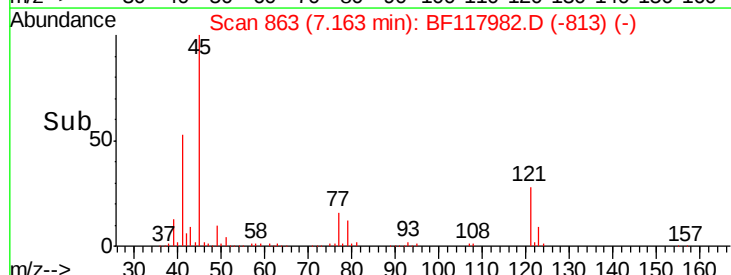
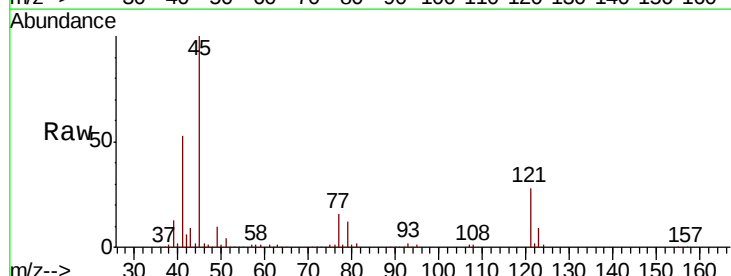
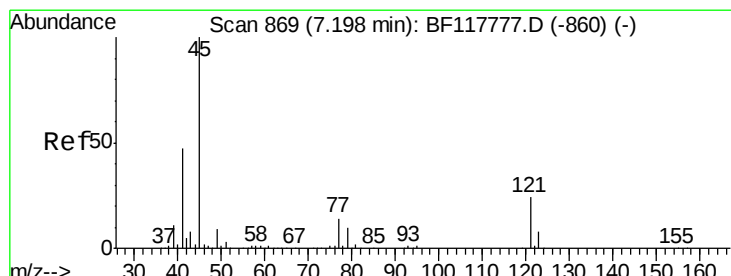
Instrument :
BNA_F
ClientSampleId :
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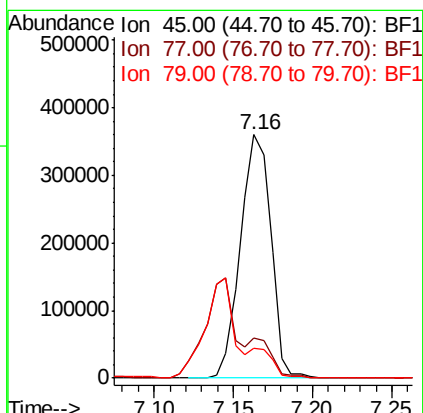
mohammad

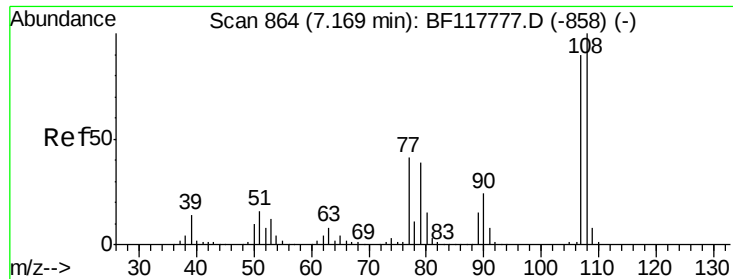
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.562 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion:	45	Resp:	480511
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	35.0
79	12.5	0.0	31.1



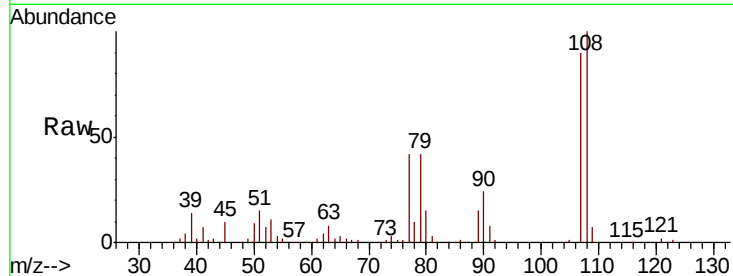


#17
2-Methylphenol
Concen: 43.272 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	89.1	133.7
77	46.9	36.6	54.8
79	46.6	35.2	52.8

Manual Integrations
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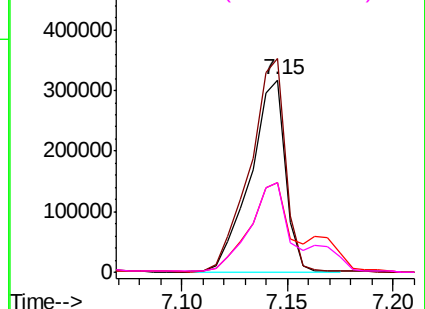
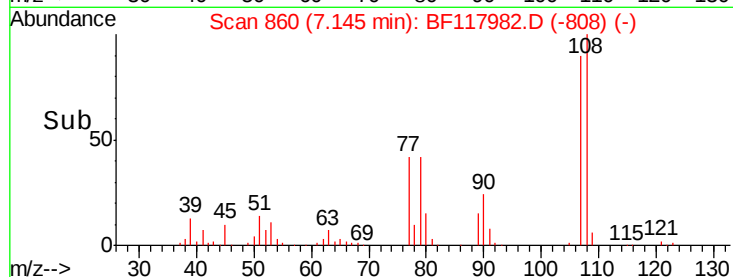
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

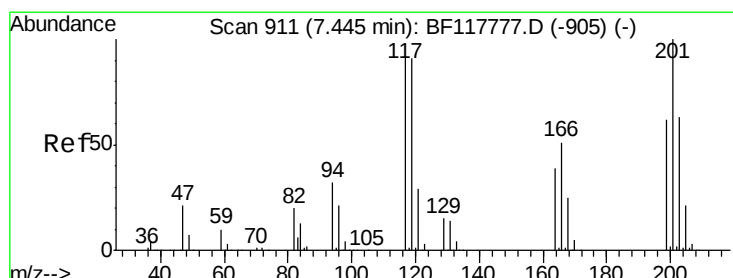
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



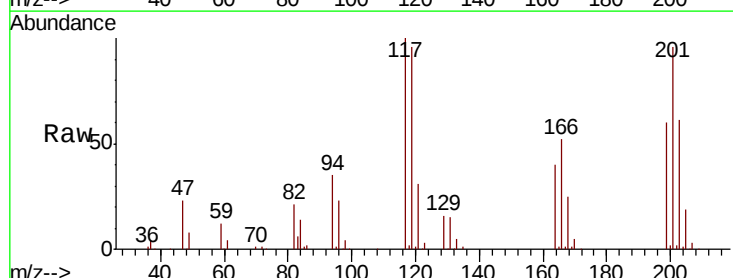
mohammad

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#18
Hexachloroethane
Concen: 39.653 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.7	118.1
201	96.3	86.5	129.7

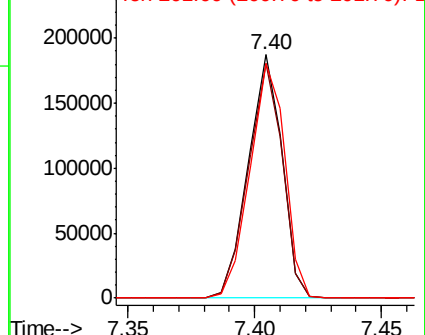
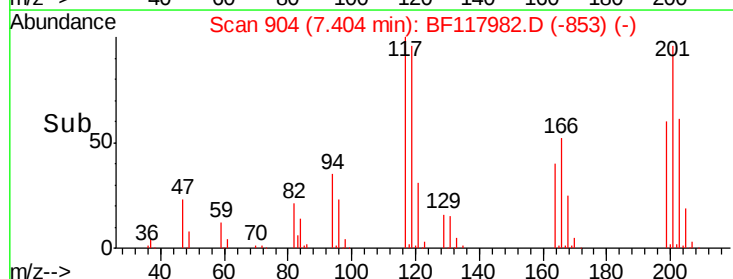


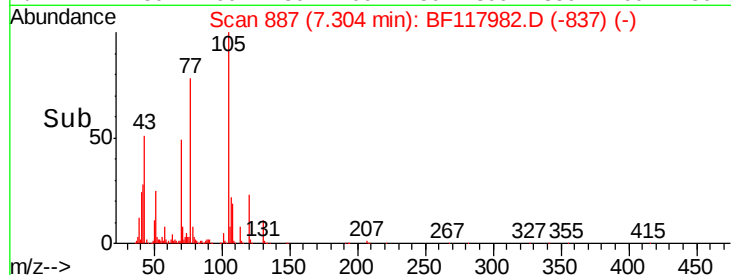
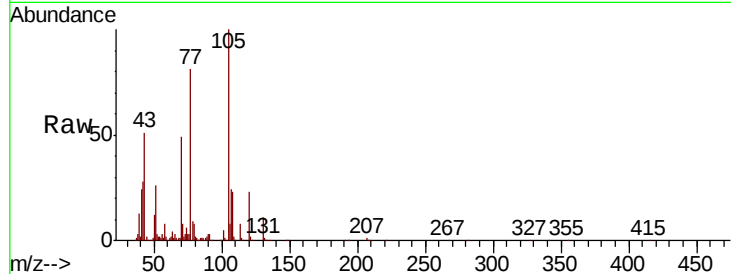
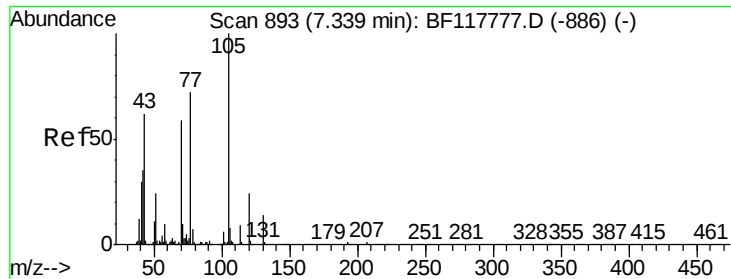
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

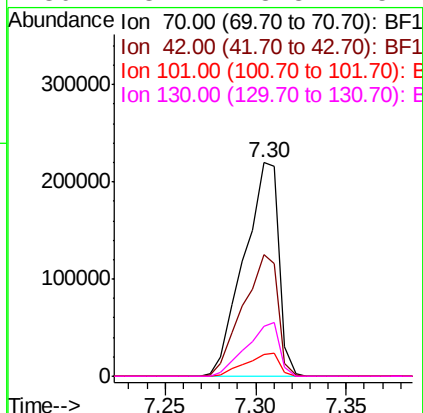
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 42.844 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.9	47.4	71.2
101	10.4	8.4	12.6
130	23.1	18.8	28.2

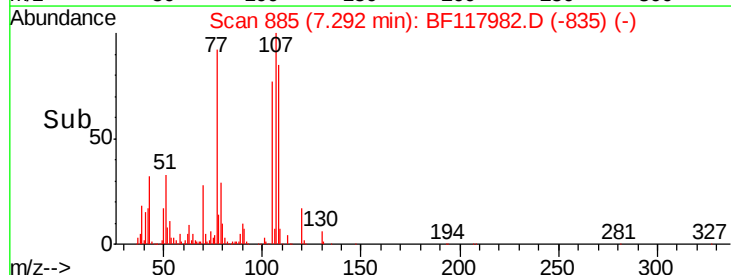
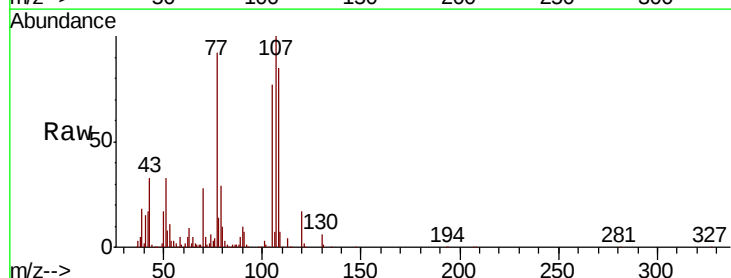
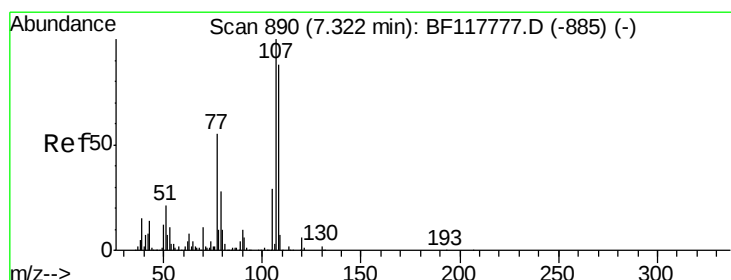


Instrument :
BNA_F
ClientSampleId :
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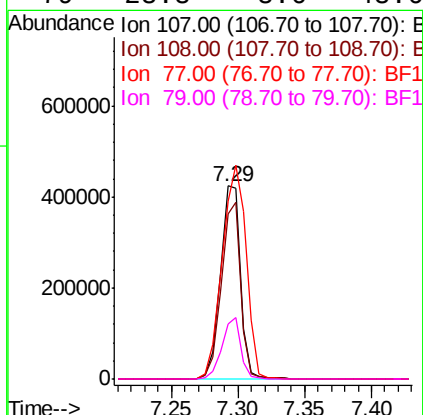
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#20
3+4-Methylphenols
Concen: 43.028 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.4	68.4	108.4
77	92.2	35.2	75.2#
79	28.8	8.6	48.6



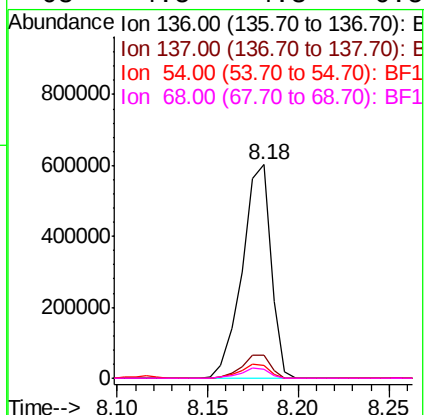
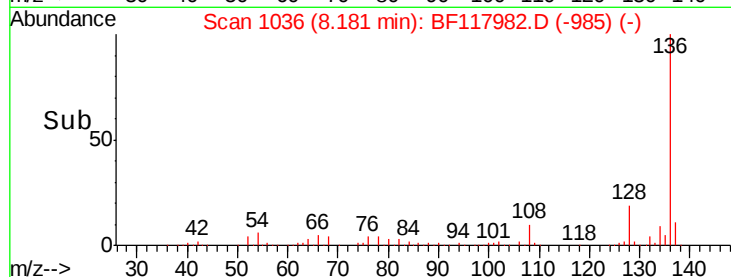
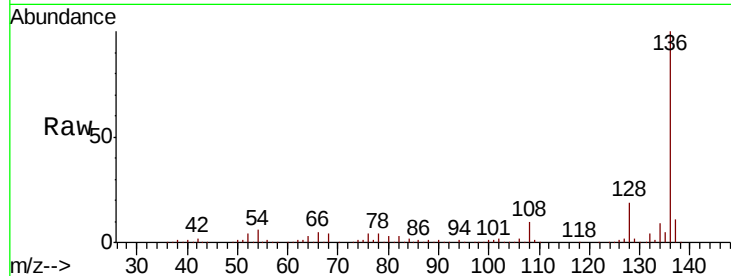


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

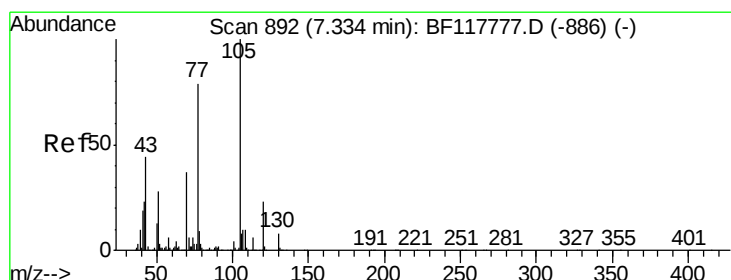
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	6.1	5.4	8.2
68	4.5	4.3	6.5

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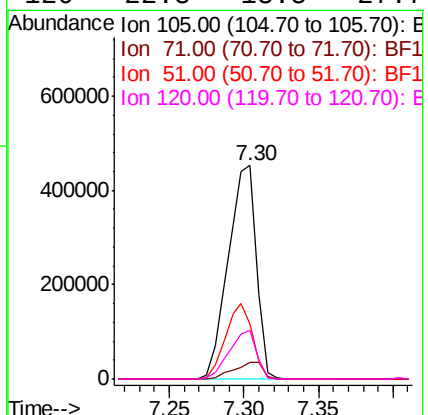
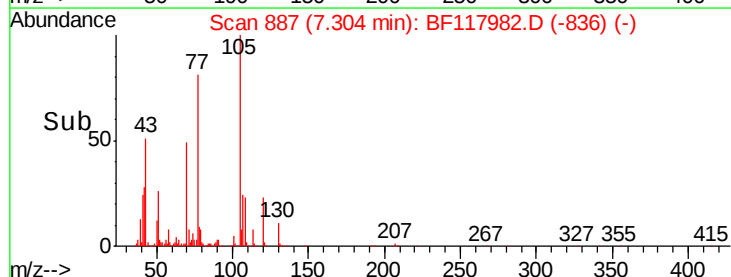
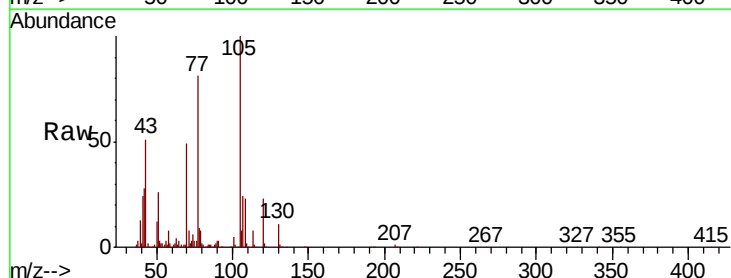
mohammad

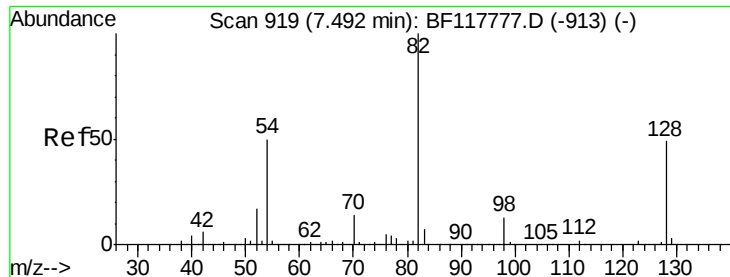
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#22
Acetophenone
Concen: 40.258 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.0	4.9	7.3#
51	26.0	22.7	34.1
120	22.8	18.5	27.7



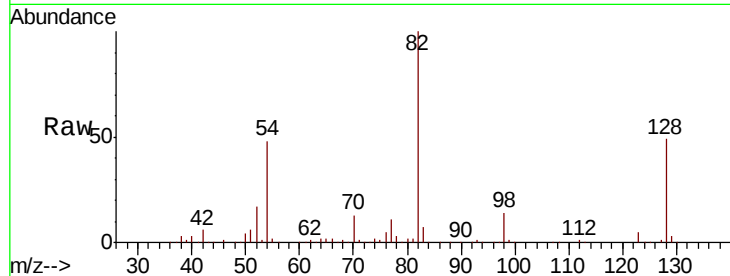


#23
Nitrobenzene-d5
Concen: 66.190 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

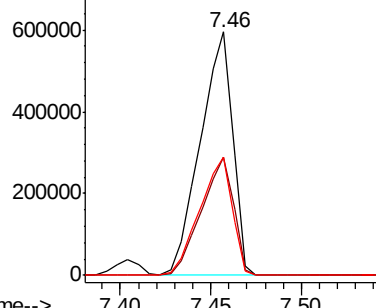
Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	38.9	58.3
54	48.4	39.8	59.6

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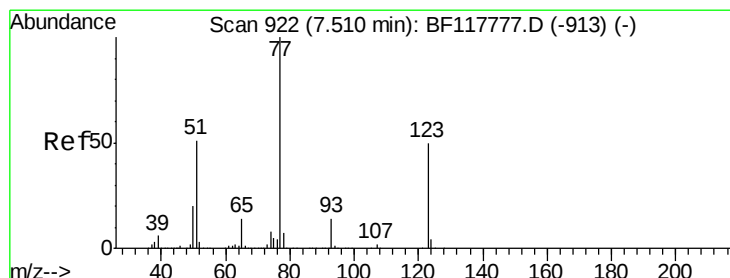
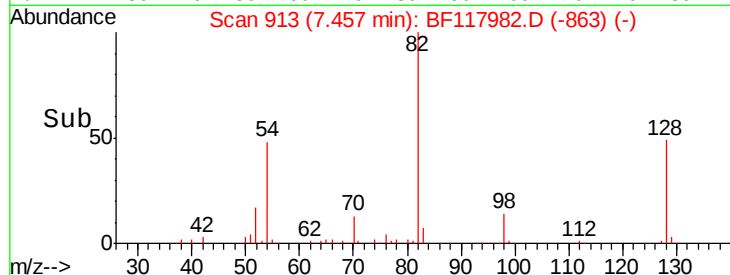


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



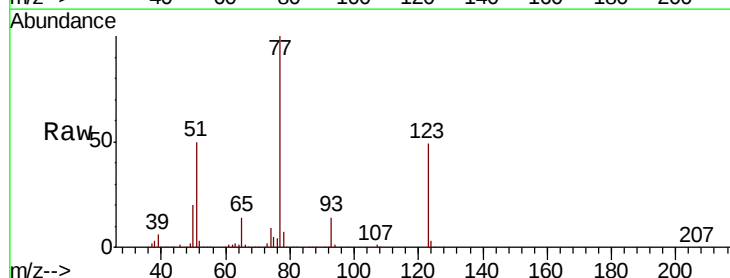
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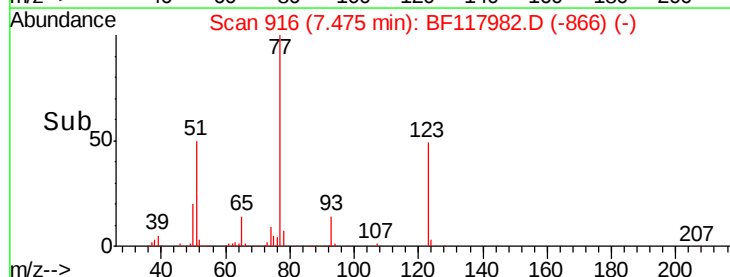
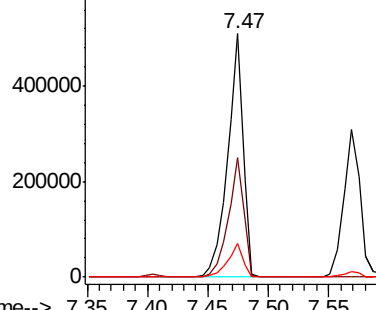


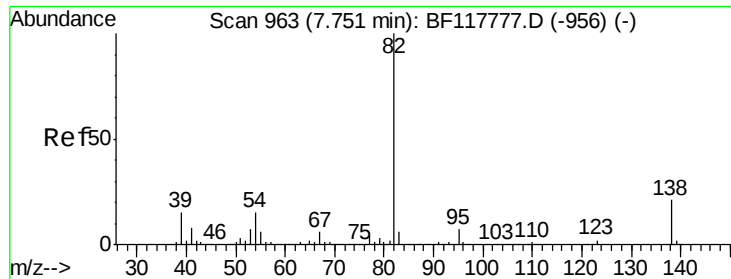
#24
Nitrobenzene
Concen: 39.886 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	40.3	60.5
65	13.8	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.923 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

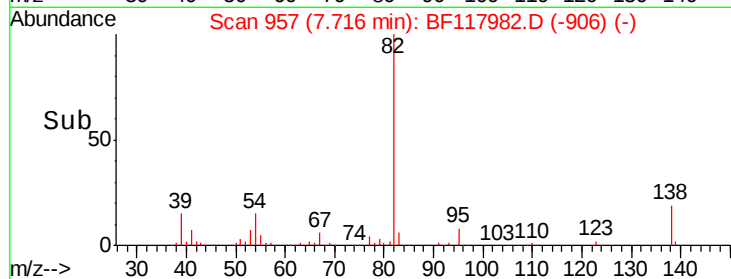
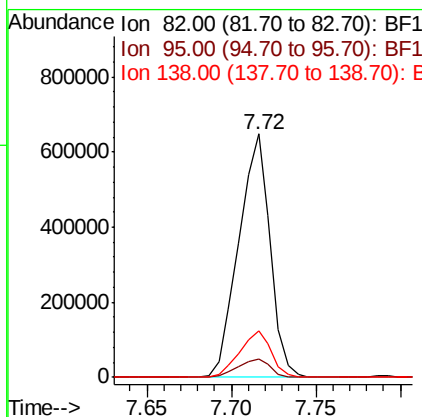
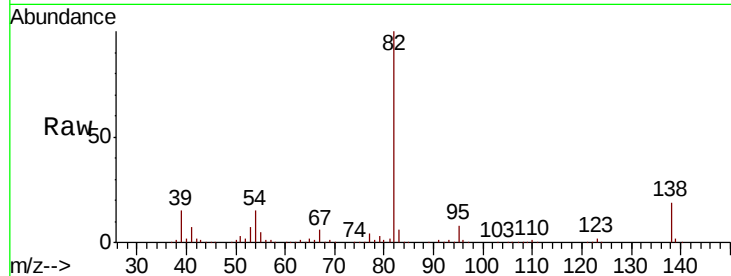
BNA_F

ClientSampleId :

IDLEWILD-BH-05MSD

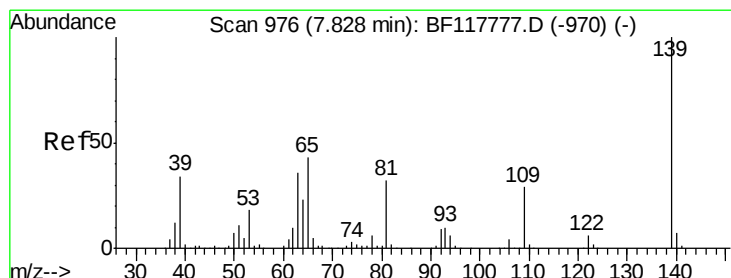
Tot Ion:	82	Resp:	836990
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.8	8.8
138	19.2	16.5	24.7

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#26

2-Nitrophenol

Concen: 44.834 ng

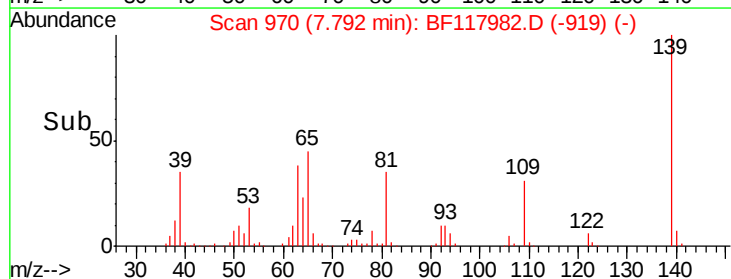
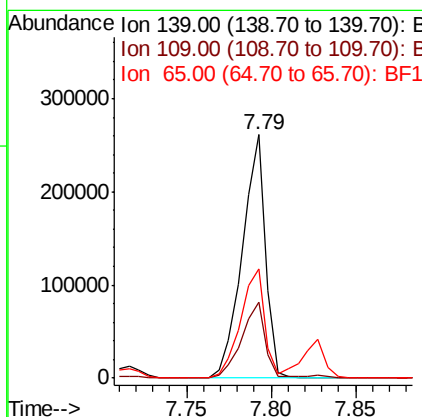
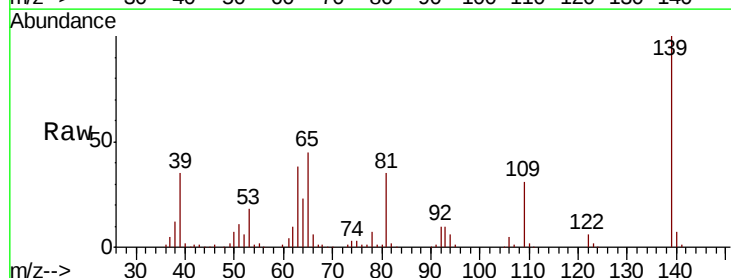
RT: 7.79 min Scan# 970

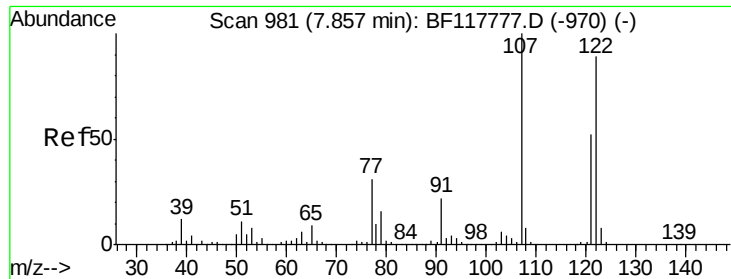
Delta R.T. 0.00 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Tgt Ion:	139	Resp:	251218
Ion Ratio	Lower	Upper	
139	100		
109	31.1	23.0	34.4
65	45.0	34.7	52.1



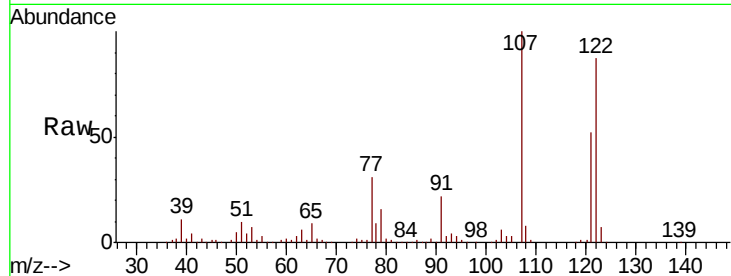


#27
 2,4-Dimethylphenol
 Concen: 47.607 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Instrument :
 BNA_F
 ClientSampleId :
 IDLEWILD-BH-05MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.7	90.0	135.0
121	59.5	46.7	70.1

Manual Integrations
 APPROVED

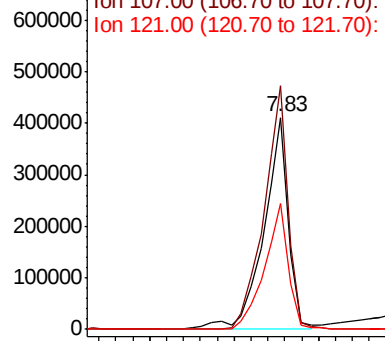


Abundance

Ion 122.00 (121.70 to 122.70): E

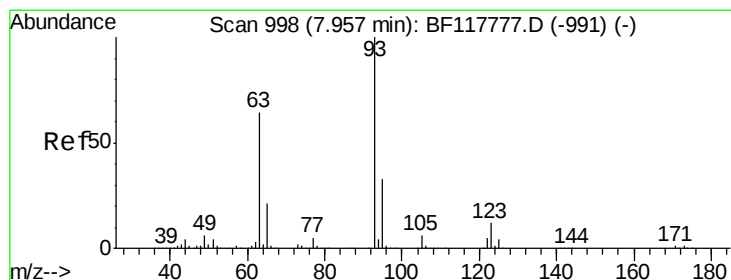
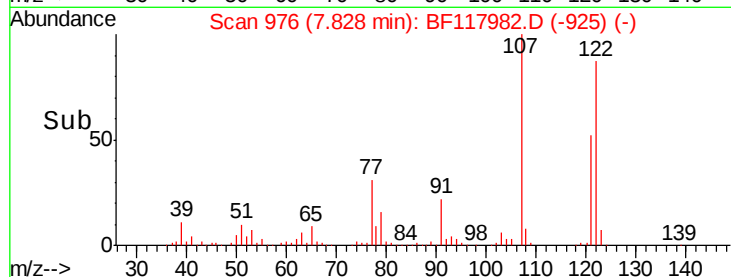
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



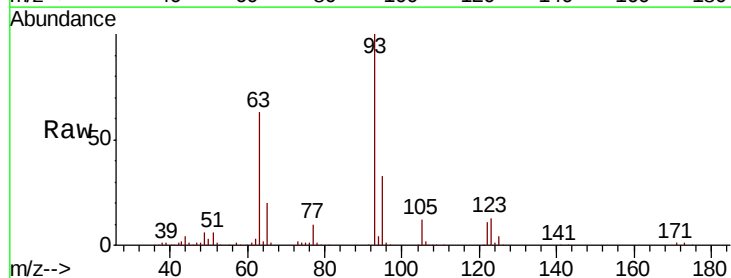
mohammad

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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.793 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.6	40.0
123	12.6	10.3	15.5

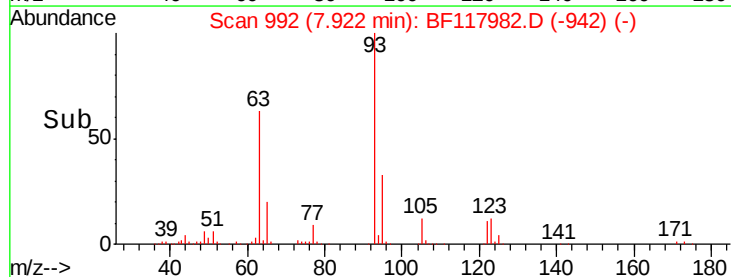
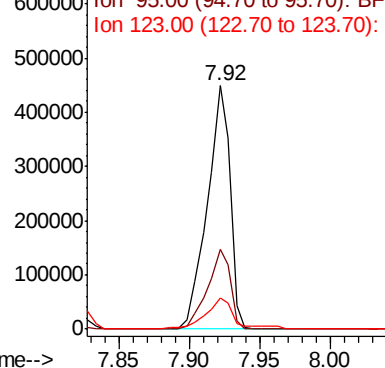


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E



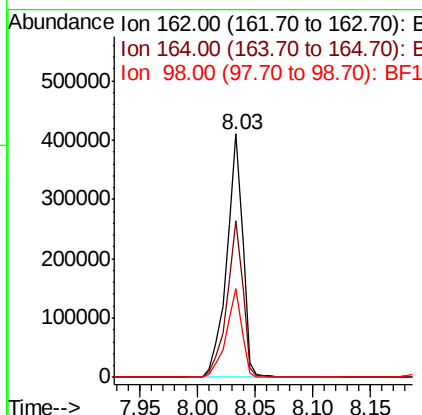
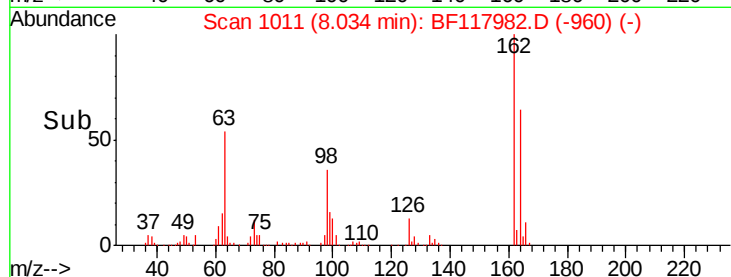
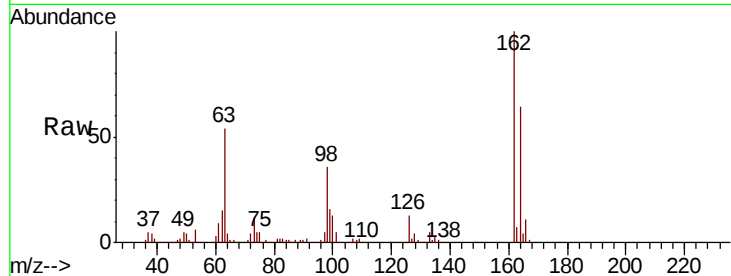


#29
2,4-Dichlorophenol
Concen: 41.760 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

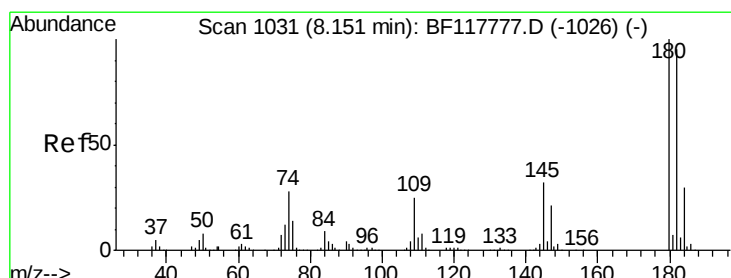
Tot Ion	Ratio	Resp	Lower	Upper
162	100	394392		
164	64.2	45.1	85.1	
98	36.3	17.2	57.2	

Manual Integrations
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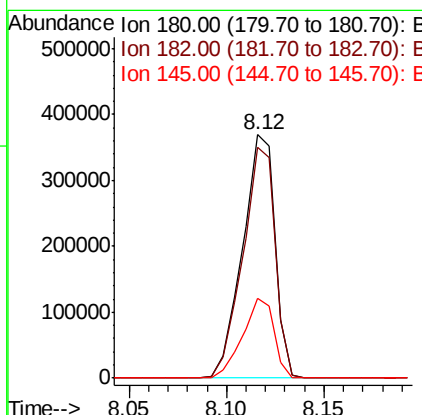
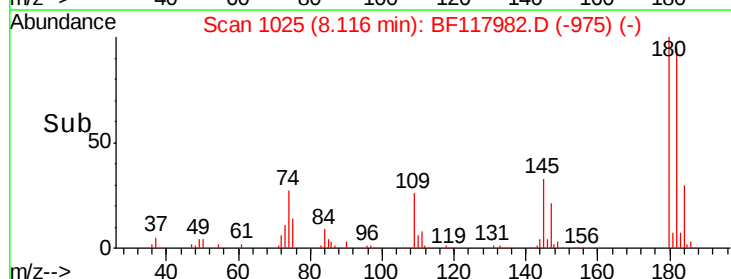
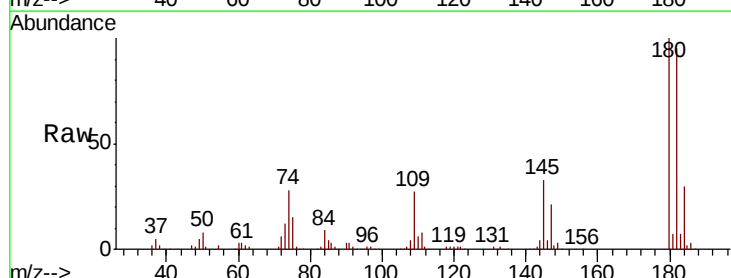
mohammad

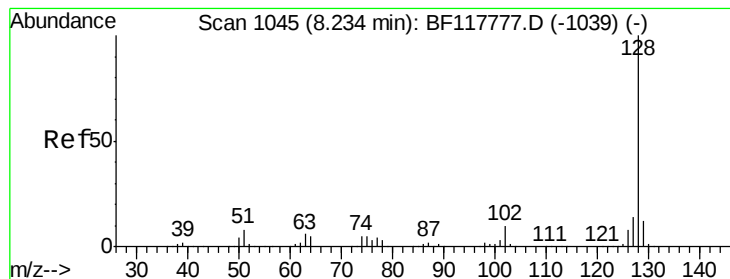
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#30
1,2,4-Trichlorobenzene
Concen: 38.809 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	425148		
182	95.0	75.8	113.6	
145	32.6	25.5	38.3	





#31

Naphthalene

Concen: 42.569 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampleId :

IDLEWILD-BH-05MSD

Tot Ion:128 Resp: 1316443

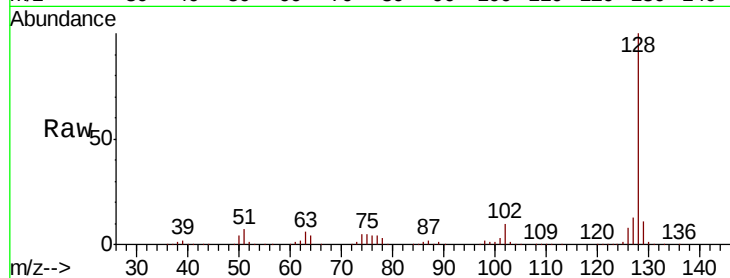
Ion Ratio Lower Upper

128 100

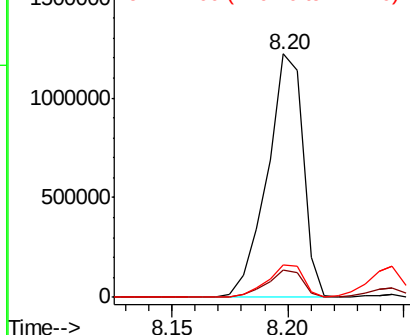
129 11.4 9.5 14.3

127 13.5 11.3 16.9

Manual Integrations
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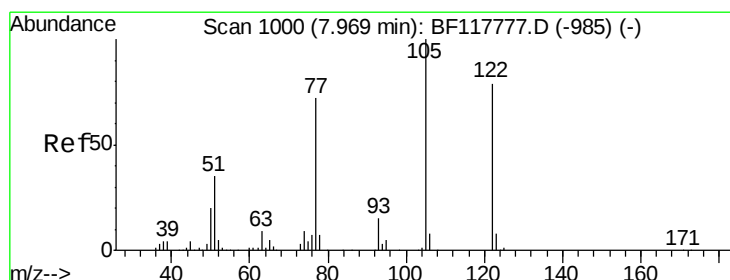
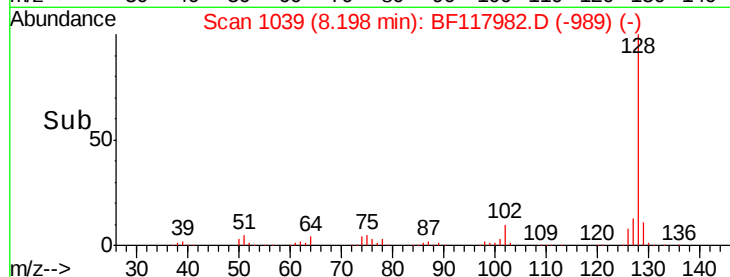


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



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#32

Benzoic acid

Concen: 38.387 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

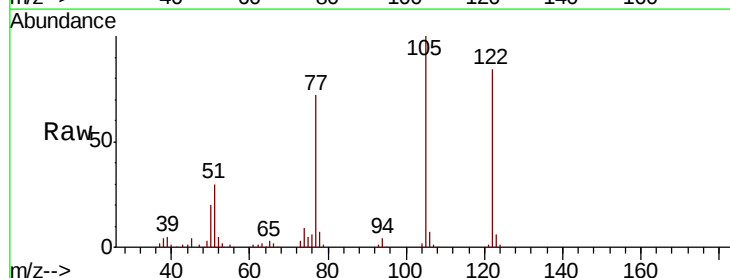
Tgt Ion:122 Resp: 279854

Ion Ratio Lower Upper

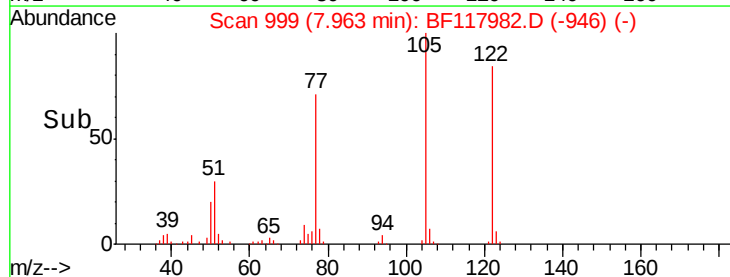
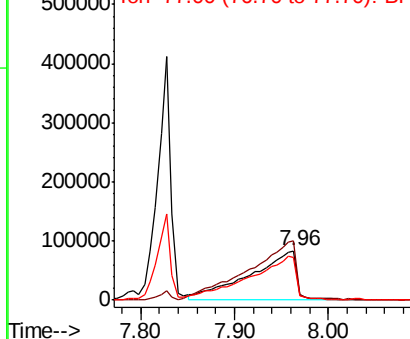
122 100

105 118.8 102.7 142.7

77 85.5 70.5 110.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1



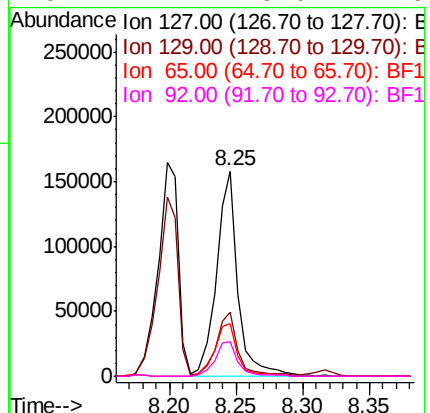
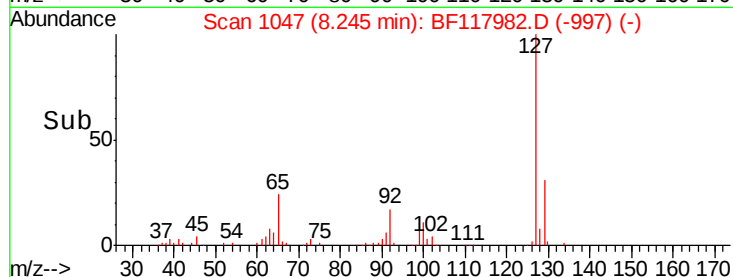
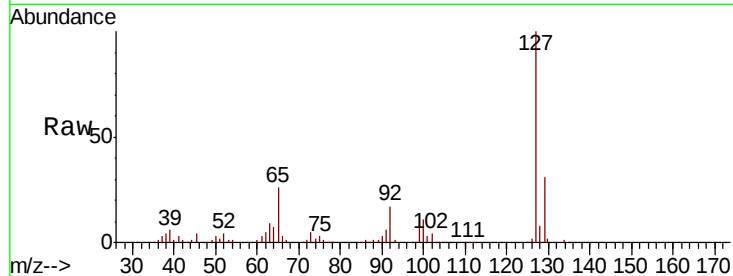


#33
4-Chloroaniline
Concen: 12.776 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

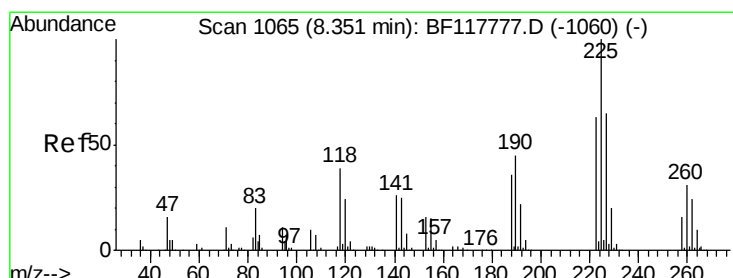
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		176885		
129	31.4	26.5	39.7		
65	25.5	22.9	34.3		
92	17.1	15.0	22.6		

Manual Integrations
APPROVED



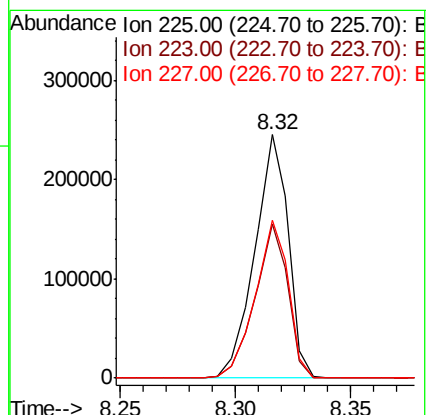
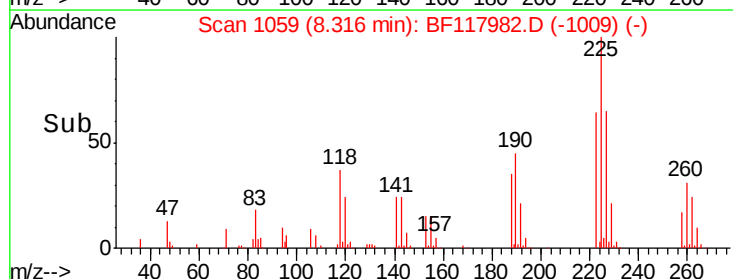
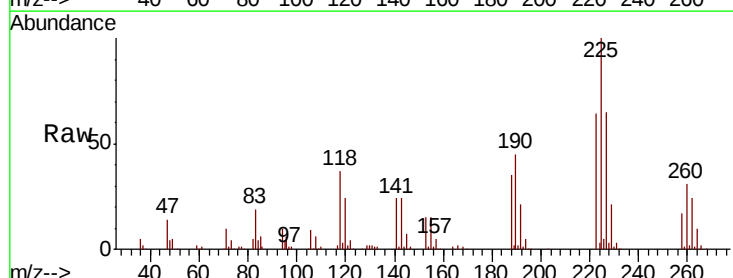
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#34
Hexachlorobutadiene
Concen: 38.610 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		247293		
223	63.5	50.0	75.0		
227	64.7	51.8	77.6		



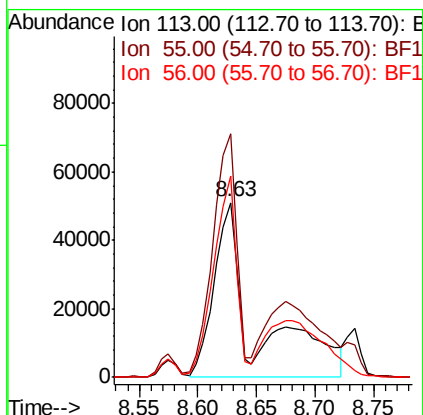
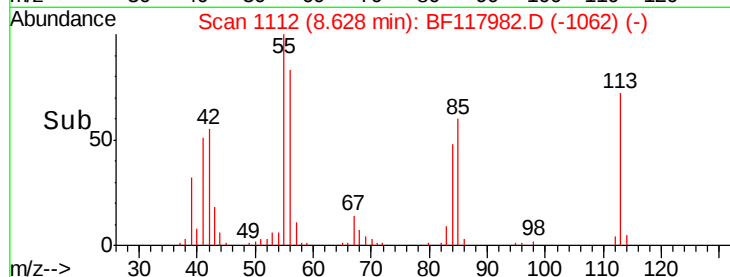
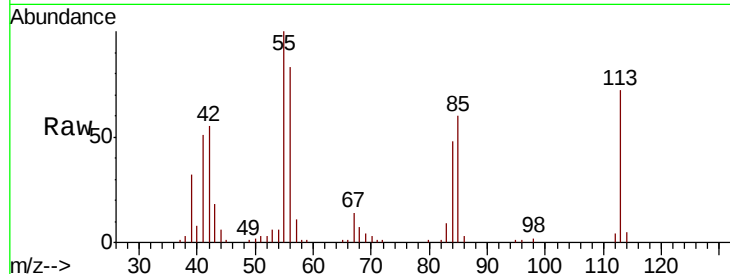


#35
Caprolactam
Concen: 41.301 ng/ml
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

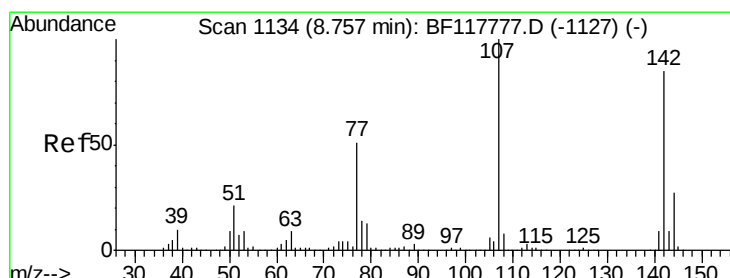
Tot Ion	Ratio	Lower	Upper
113	100		
55	139.2	141.1	181.1#
56	115.4	100.5	140.5

Manual Integrations
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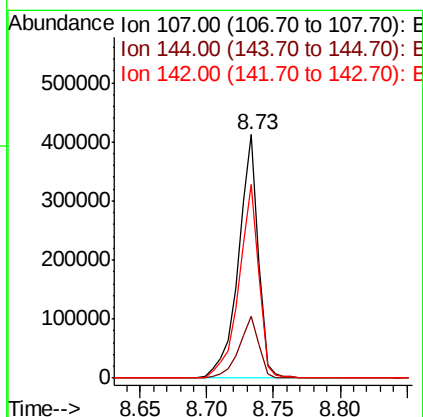
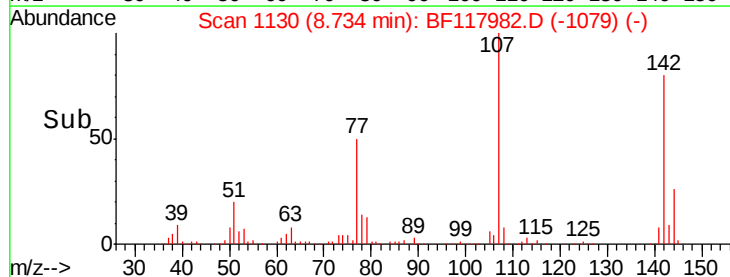
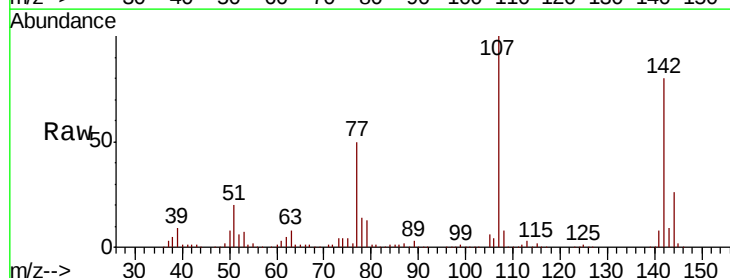
mohammad

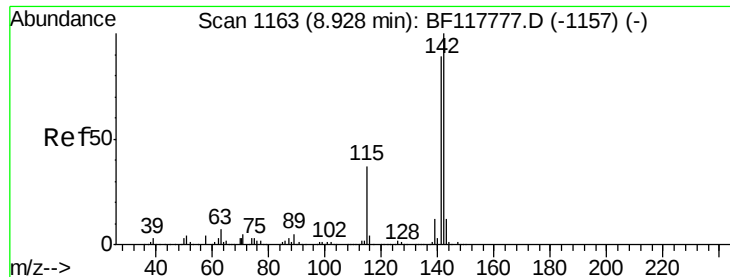
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#36
4-Chloro-3-methylphenol
Concen: 44.669 ng/ml
RT: 8.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	21.9	32.9
142	79.7	67.7	101.5



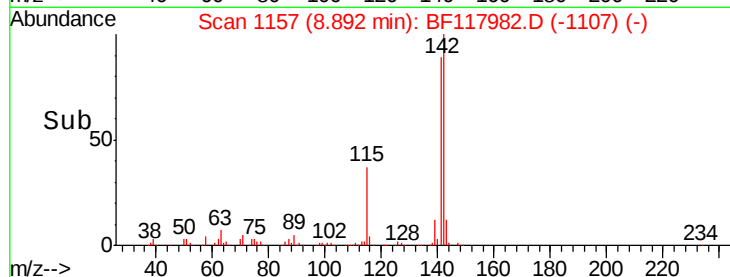
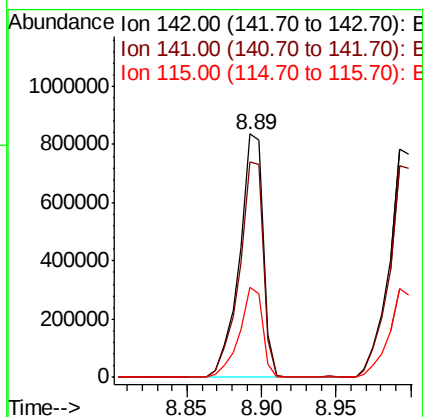
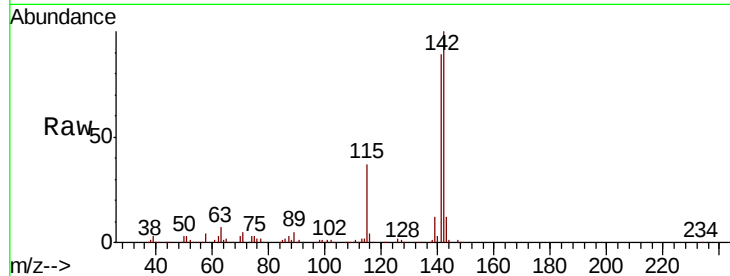


#37
2-Methylnaphthalene
Concen: 44.241 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

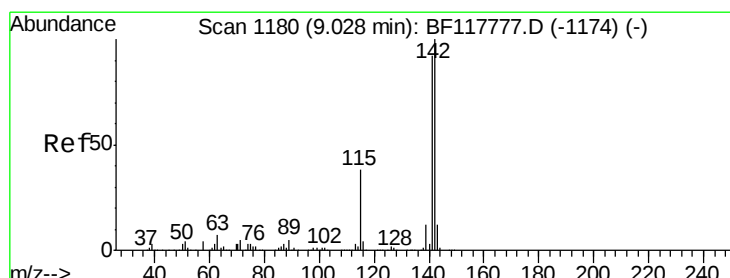
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.1	106.7
115	37.0	29.2	43.8

Manual Integrations
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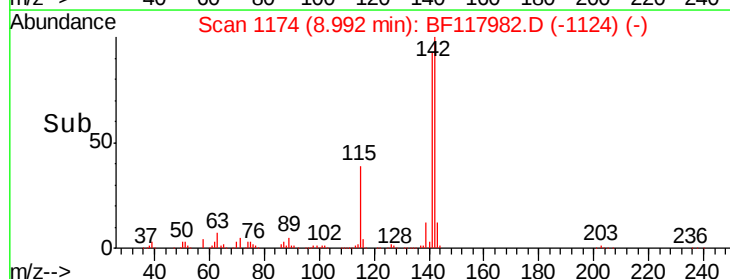
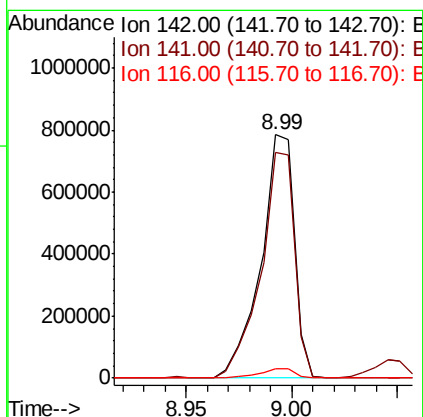
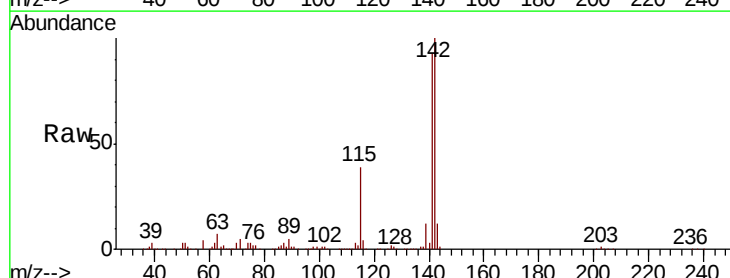
mohammad

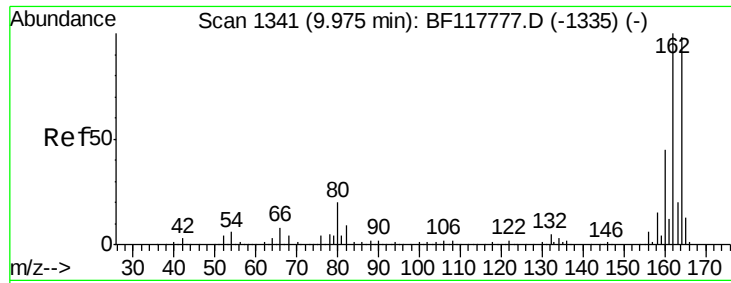
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#38
1-Methylnaphthalene
Concen: 43.939 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.5	110.3
116	4.0	3.2	4.8



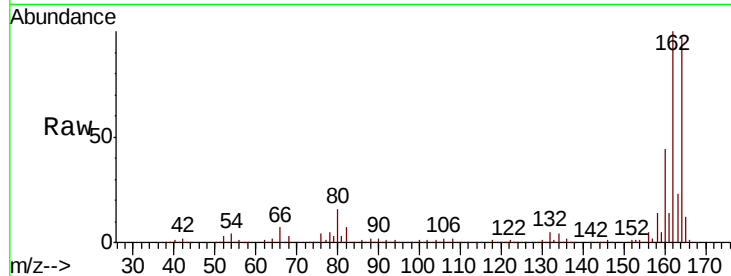


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

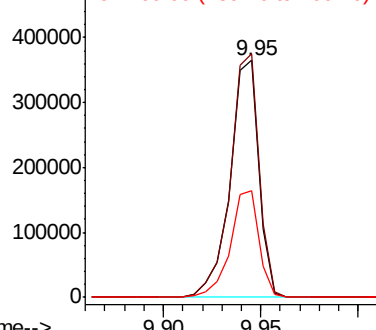
Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

Tot Ion:	164	Resp:	373339
Ion Ratio	Lower	Upper	
164	100		
162	102.8	81.3	121.9
160	44.9	36.6	55.0

Manual Integrations
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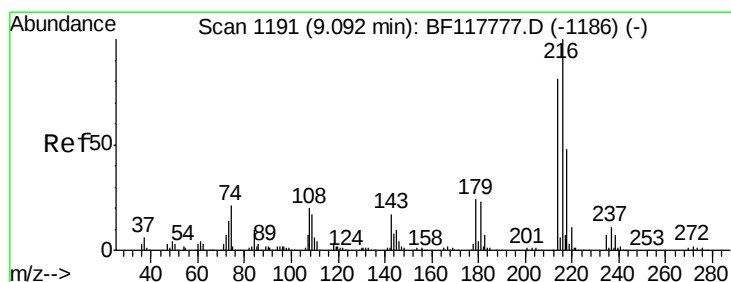
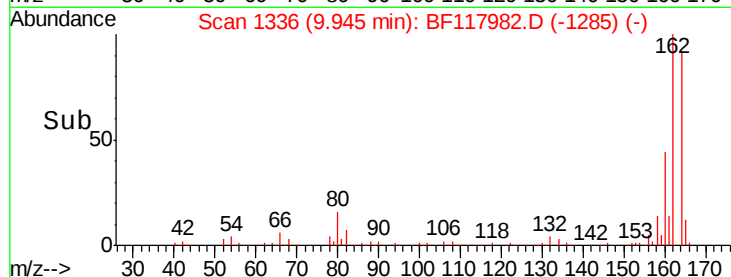


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



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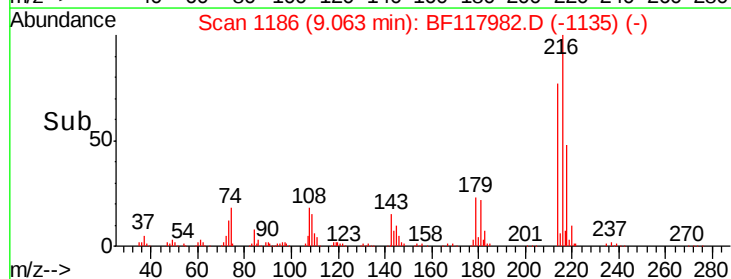
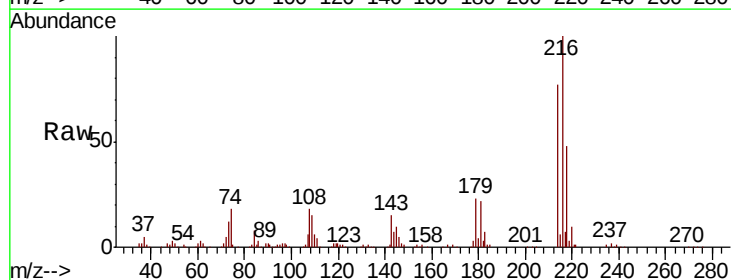
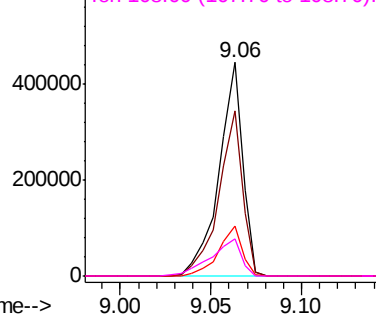
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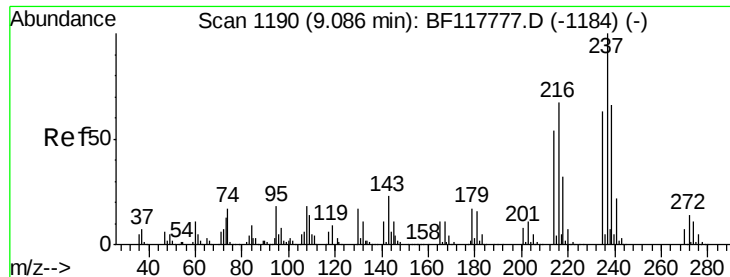


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.297 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion:	216	Resp:	404384
Ion Ratio	Lower	Upper	
216	100		
214	77.6	63.4	95.0
179	23.1	18.2	27.4
108	22.2	16.0	24.0

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 82.887 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

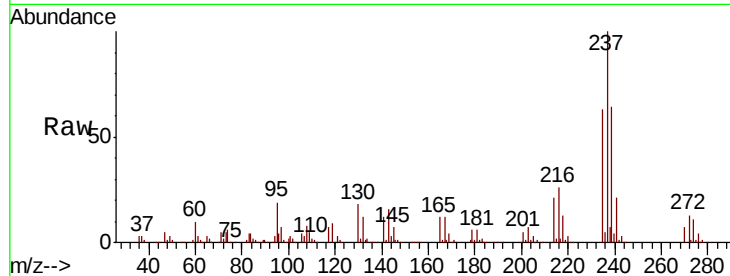
BNA_F

ClientSampleId :

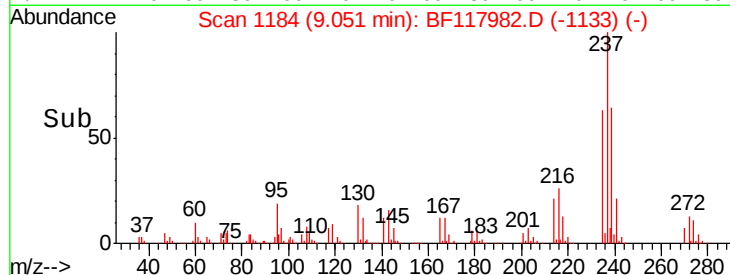
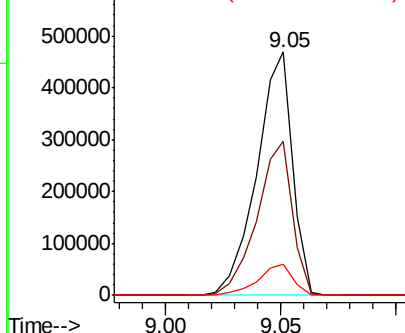
IDLEWILD-BH-05MSD

Tot Ion:	237	Resp:	503618
Ion Ratio		Lower	Upper
237	100		
235	63.0	42.6	82.6
272	12.9	0.0	34.3

Manual Integrations
APPROVED

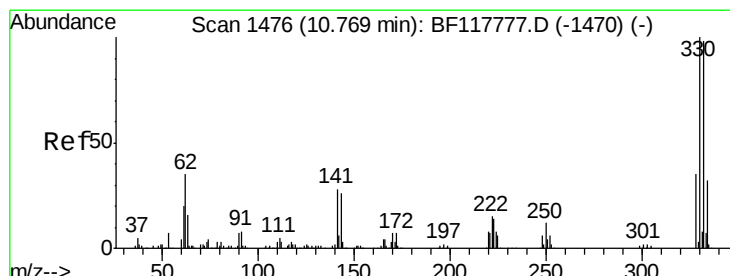


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



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#42

2,4,6-Tribromophenol

Concen: 100.833 ng

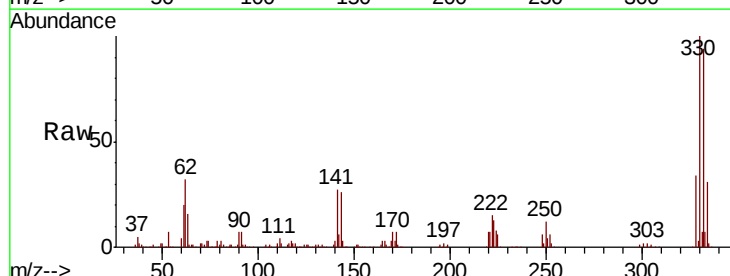
RT: 10.74 min Scan# 1471

Delta R.T. 0.00 min

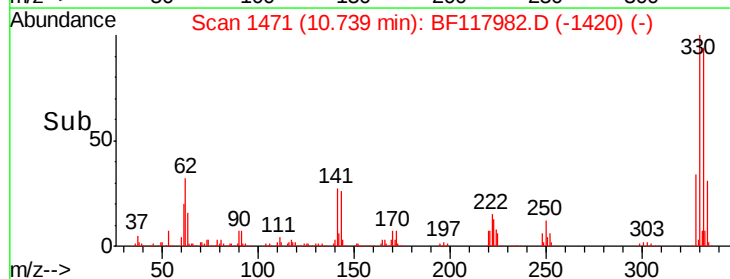
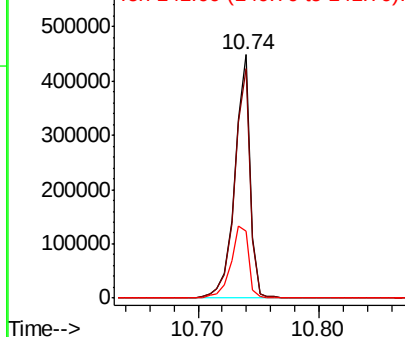
Lab File: BF117982.D

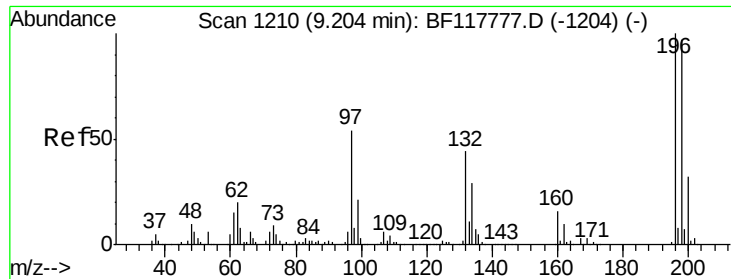
Acq: 25 Nov 2019 22:52

Tgt Ion:	330	Resp:	398543
Ion Ratio		Lower	Upper
330	100		
332	96.5	76.7	115.1
141	34.1	27.7	41.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



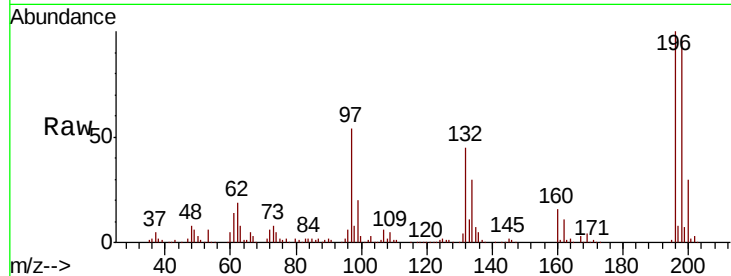


#43
 2,4,6-Trichlorophenol
 Concen: 39.055 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Instrument :
 BNA_F
 ClientSampleId :
 IDLEWILD-BH-05MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	303294		
198	95.9		77.8	116.6
200	30.1		25.4	38.0

Manual Integrations
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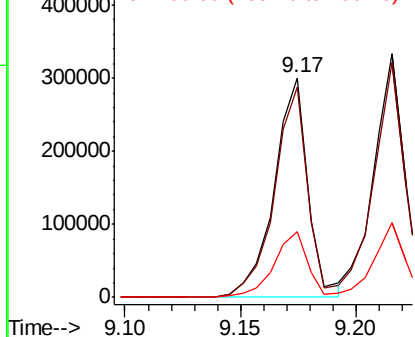


Abundance

Ion 196.00 (195.70 to 196.70): E

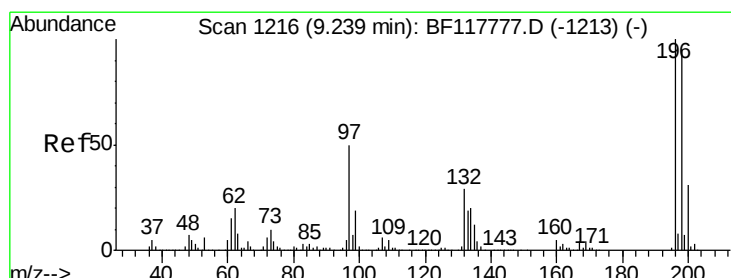
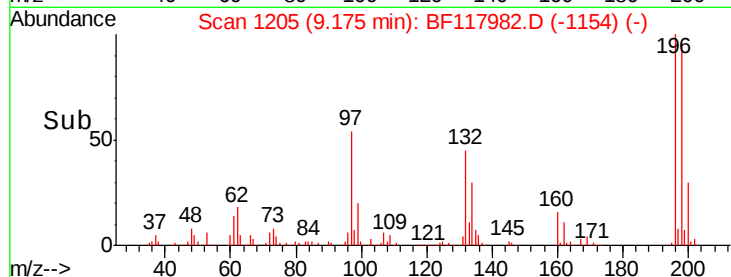
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



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#44
 2,4,5-Trichlorophenol
 Concen: 38.626 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	311446		
198	96.4		76.3	114.5
97	50.7		40.0	60.0
132	29.5		23.6	35.4

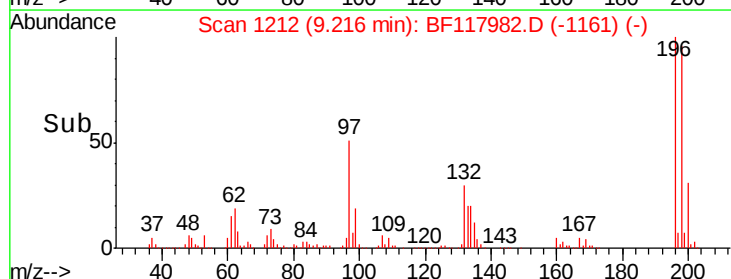
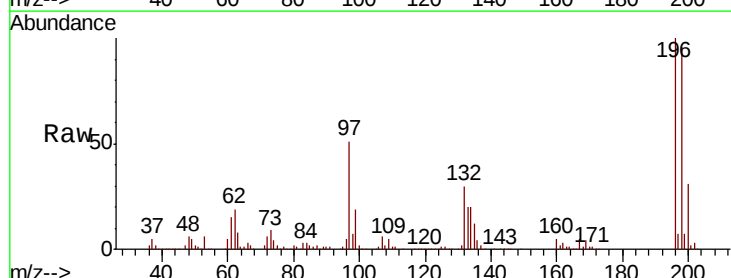
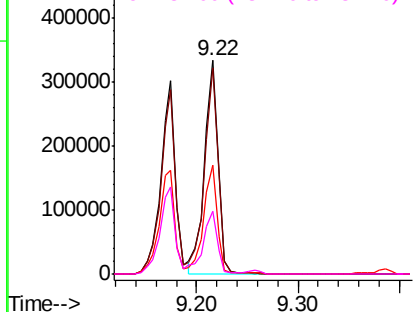
Abundance

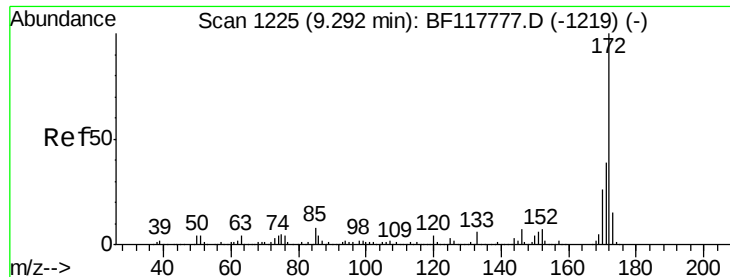
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



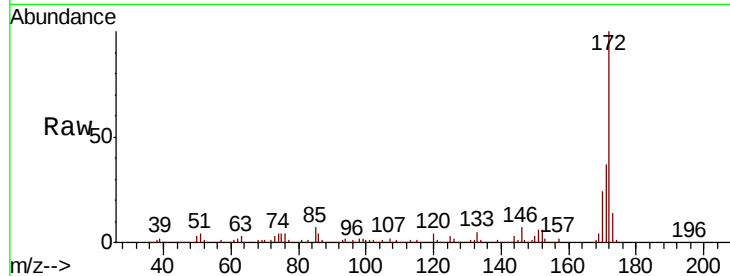


#45
2-Fluorobiphenyl
Concen: 57.987 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.9	46.3
170	24.1	21.0	31.4

Manual Integrations
APPROVED

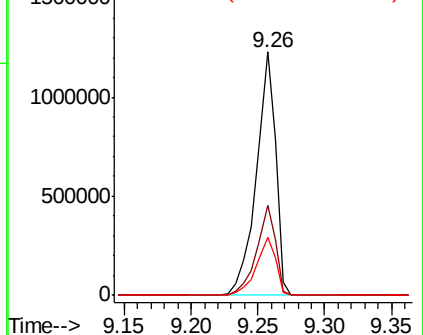


Abundance

Ion 172.00 (171.70 to 172.70): E

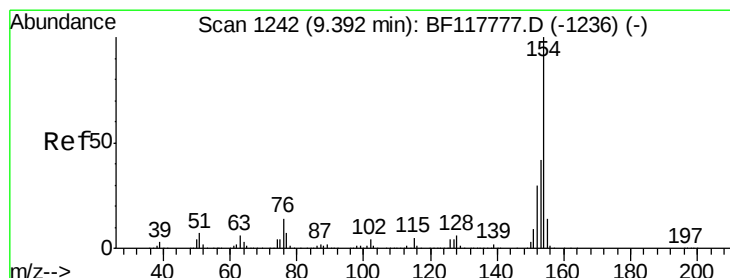
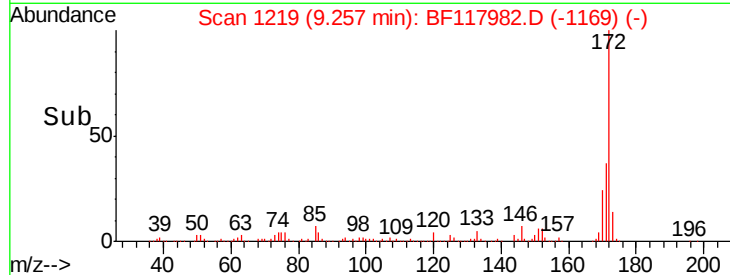
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



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#46
1,1'-Biphenyl
Concen: 40.603 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

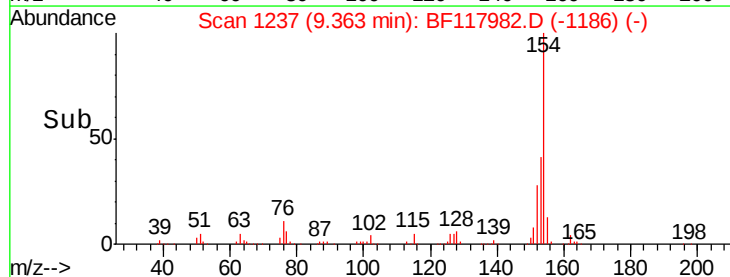
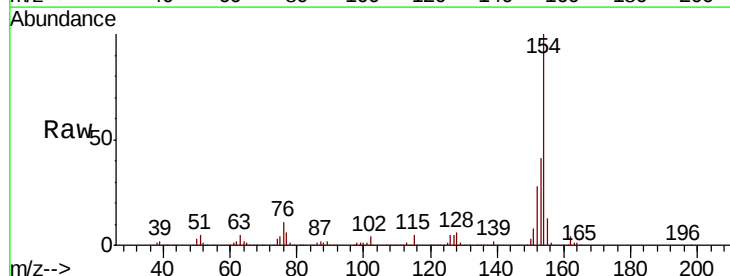
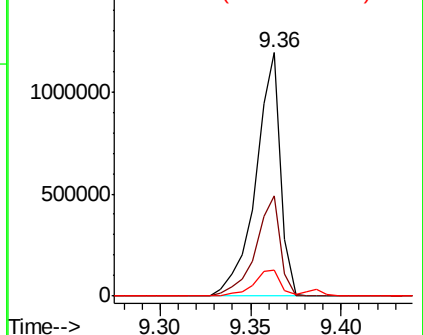
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.9	61.9
76	10.9	0.0	33.6

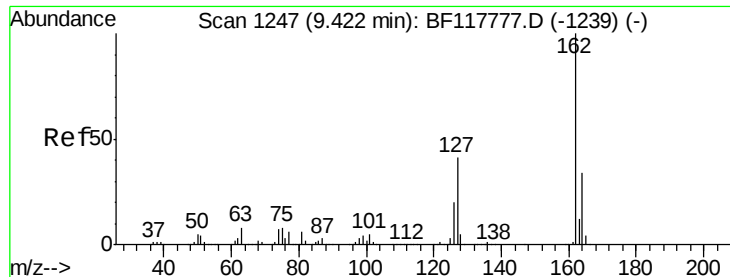
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



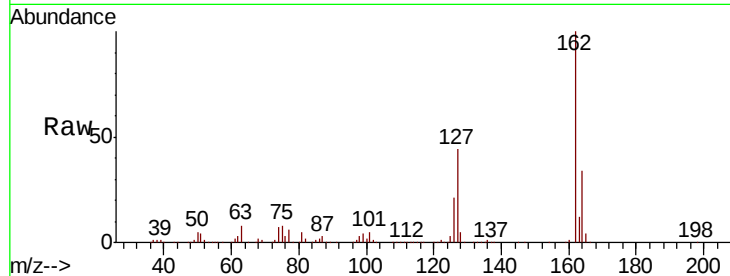


#47
2-Chloronaphthalene
Concen: 37.712 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.0	33.2	49.8
164	33.6	27.3	40.9

Manual Integrations
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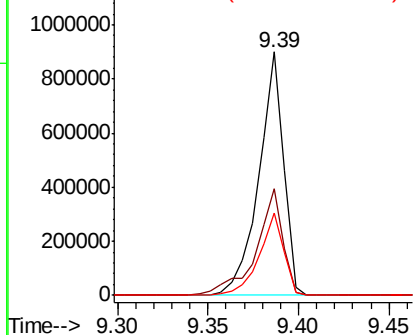


Abundance

Ion 162.00 (161.70 to 162.70): E

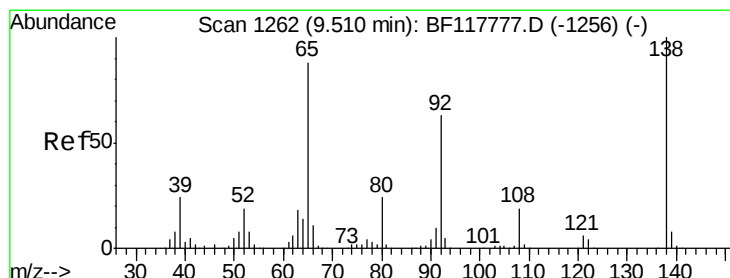
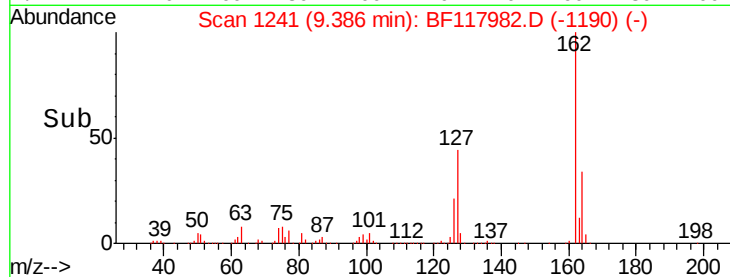
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



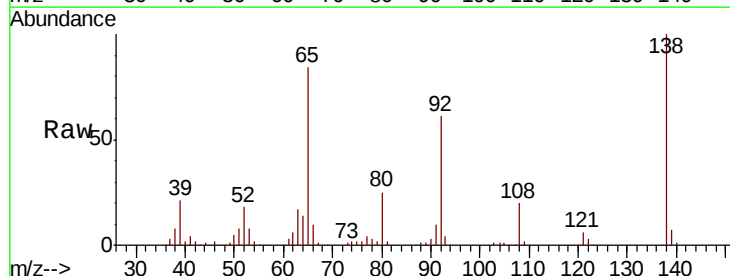
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#48
2-Nitroaniline
Concen: 36.944 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	56.6	84.8
138	119.1	90.5	135.7

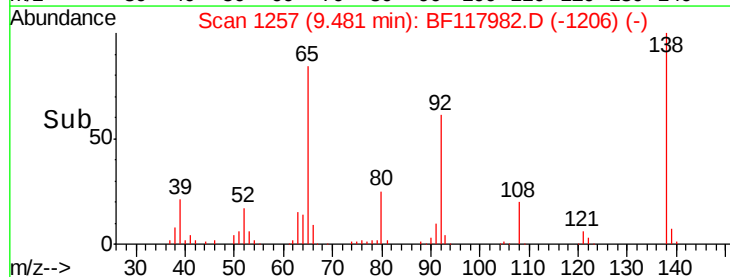
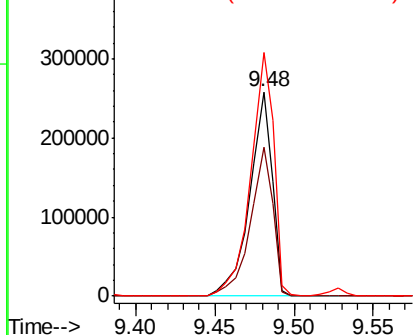


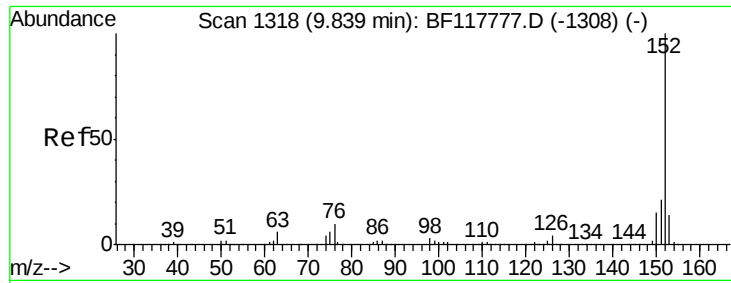
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.558 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampleId :

IDLEWILD-BH-05MSD

Tot Ion:152 Resp: 1380601

Ion Ratio Lower Upper

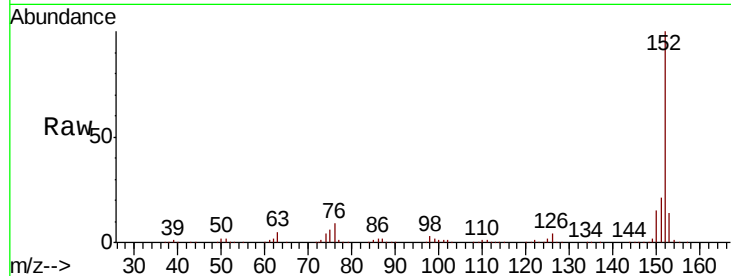
152 100

151 20.7 17.0 25.6

153 13.9 11.0 16.6

Manual Integrations

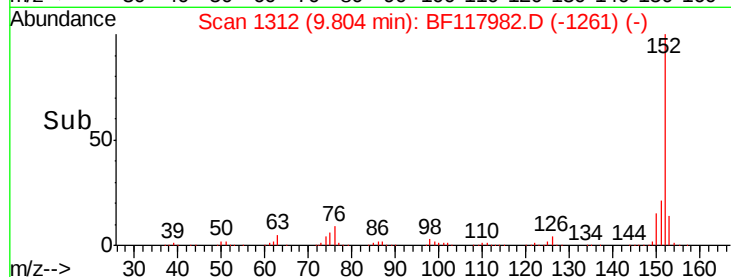
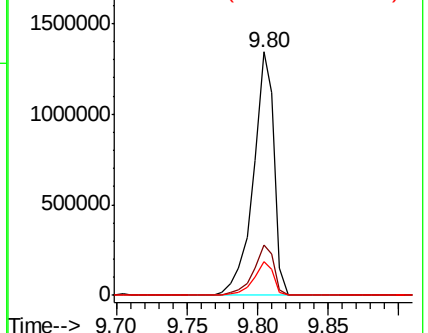
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Abundance Ion 152.00 (151.70 to 152.70): E

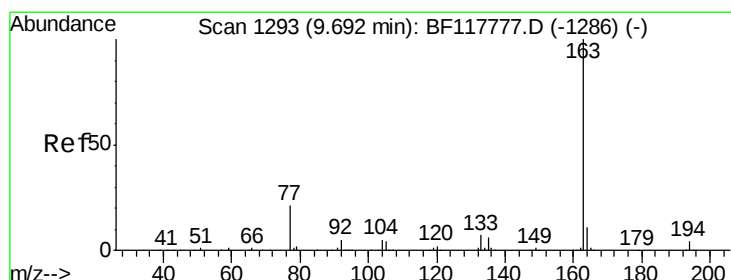
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



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#50

Dimethylphthalate

Concen: 48.655 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

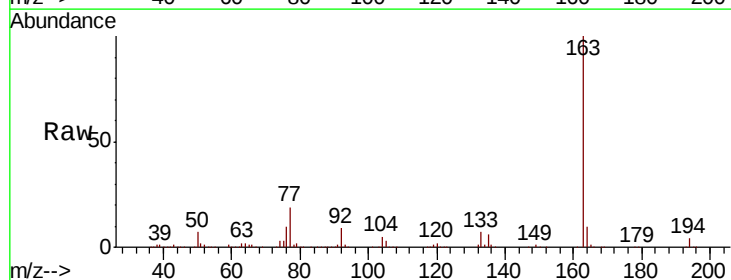
Tgt Ion:163 Resp: 1273792

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

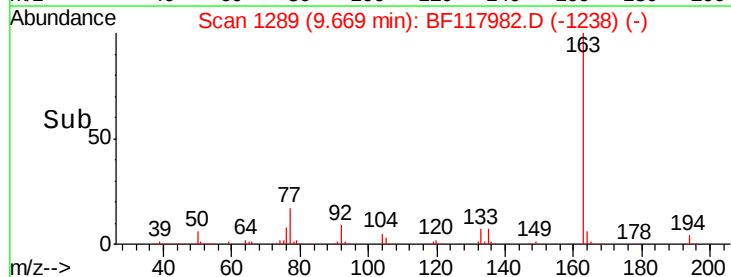
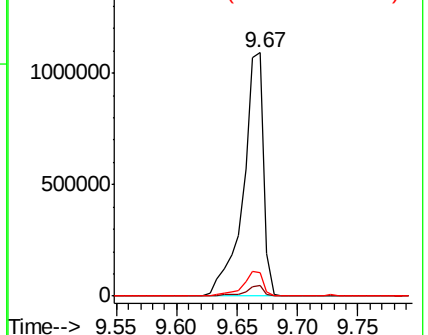
164 9.5 8.7 13.1

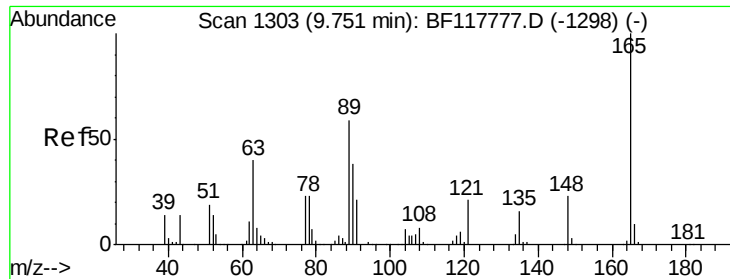


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



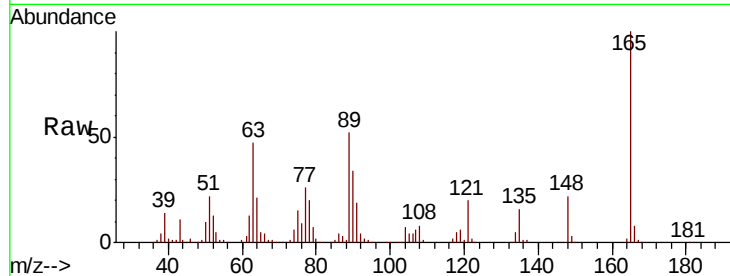


#51
2,6-Dinitrotoluene
Concen: 41.445 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

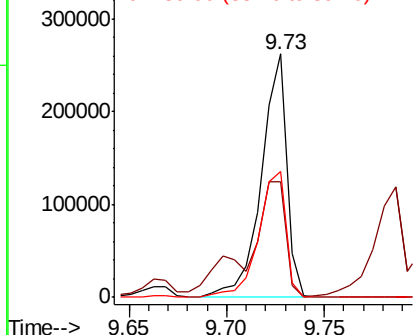
Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	237140		
63	47.4	46.0	69.0	
89	51.8	47.7	71.5	

Manual Integrations
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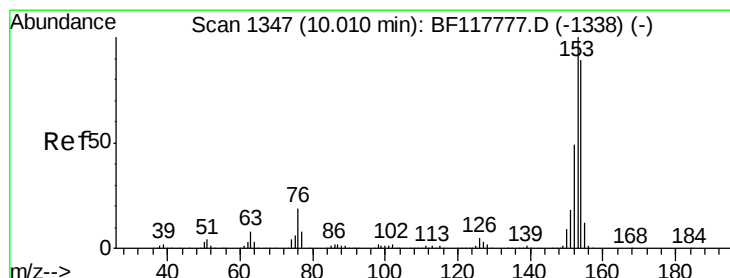
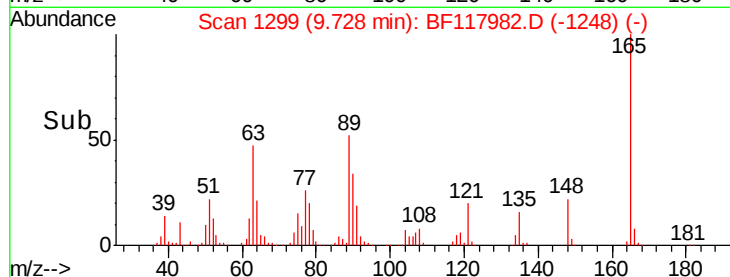


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



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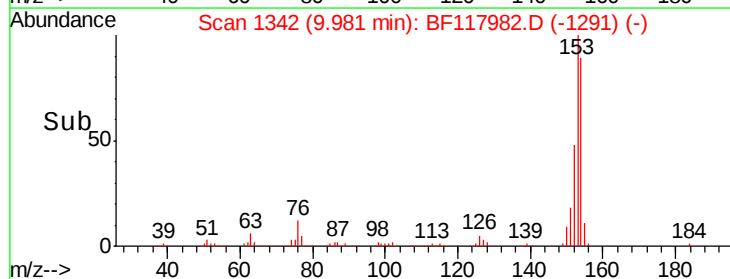
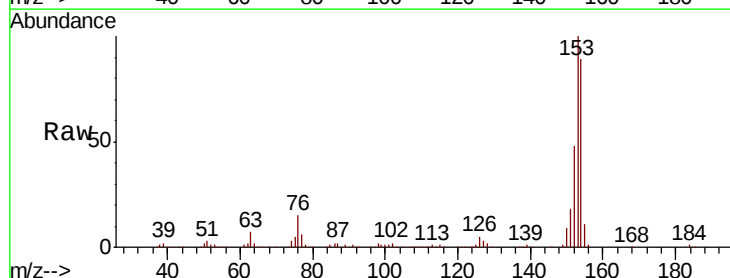
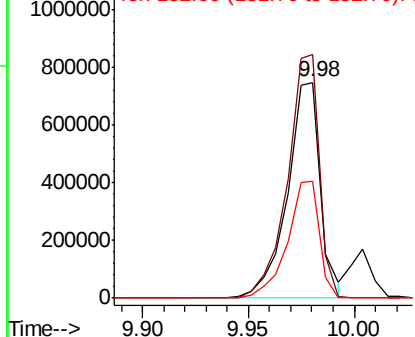
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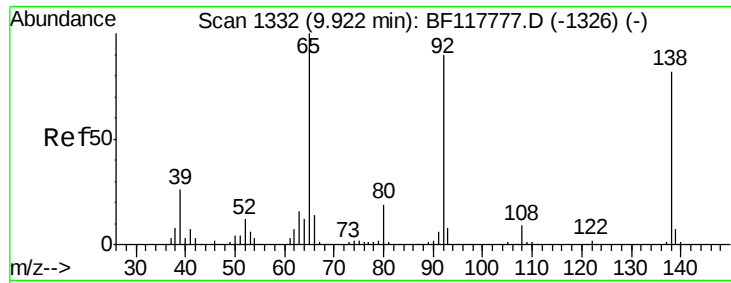


#52
Acenaphthene
Concen: 38.440 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	818053		
153	112.7	90.1	135.1	
152	53.9	44.0	66.0	

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



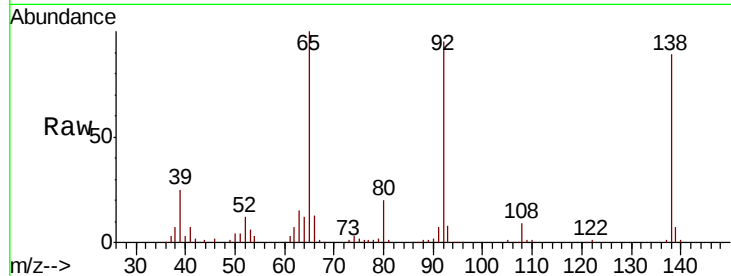


#53
3-Nitroaniline
Concen: 18.391 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.6	12.8
92	106.2	87.9	131.9

Manual Integrations
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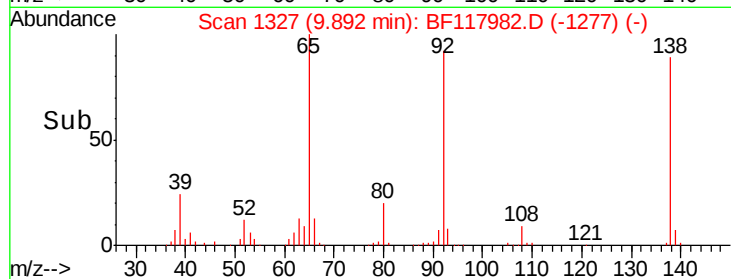
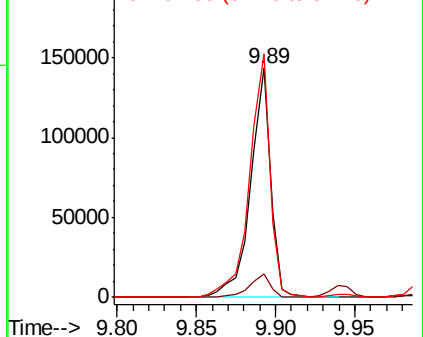


Abundance

Ion 138.00 (137.70 to 138.70): E

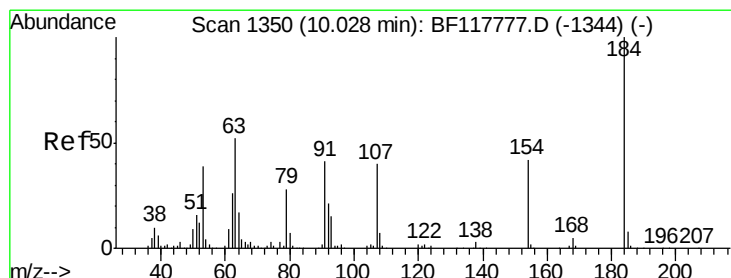
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



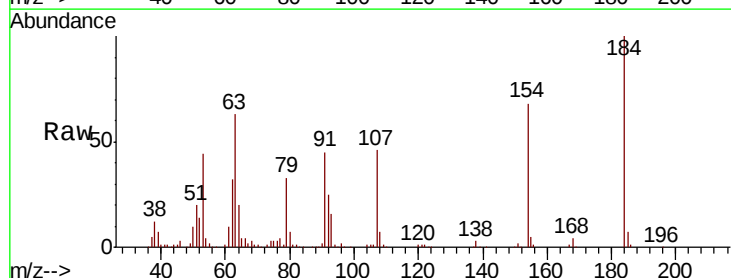
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#54
2,4-Dinitrophenol
Concen: 77.754 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.7	43.0	64.6
154	67.8	48.0	72.0

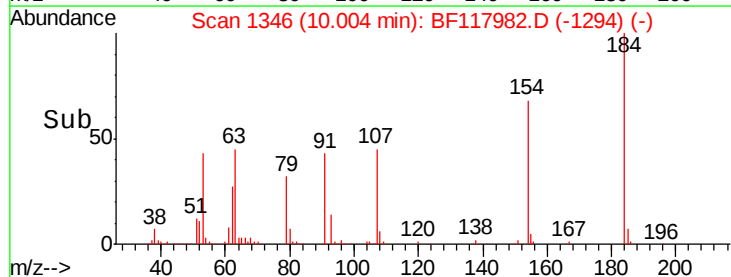
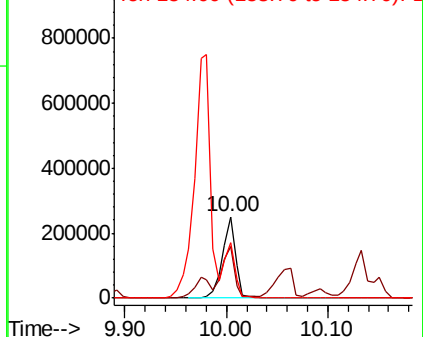


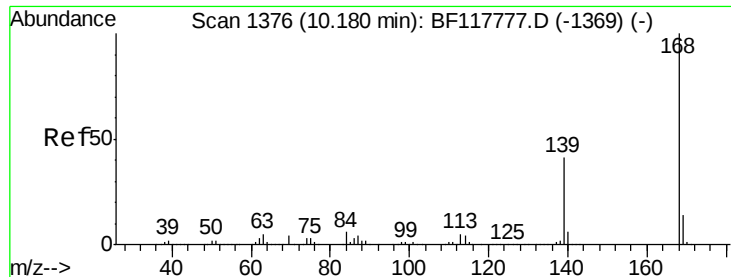
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



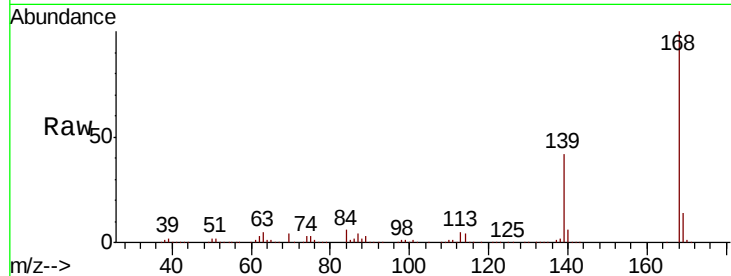


#55
Dibenzenofuran
Concen: 41.254 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.3	33.0	49.6
169	13.6	11.5	17.3

Manual Integrations
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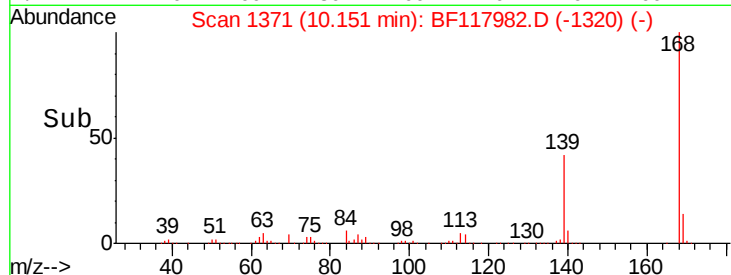
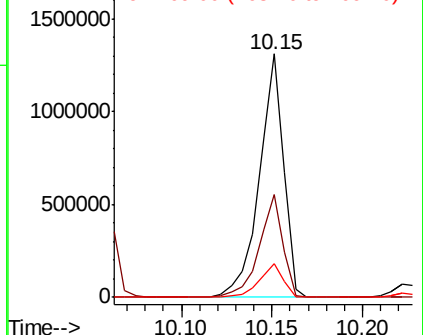


Abundance

Ion 168.00 (167.70 to 168.70): E

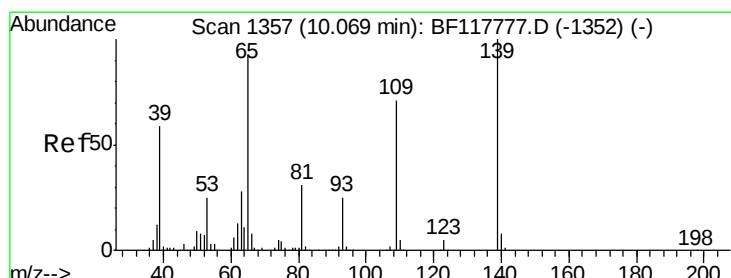
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



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#56
4-Nitrophenol
Concen: 78.420 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

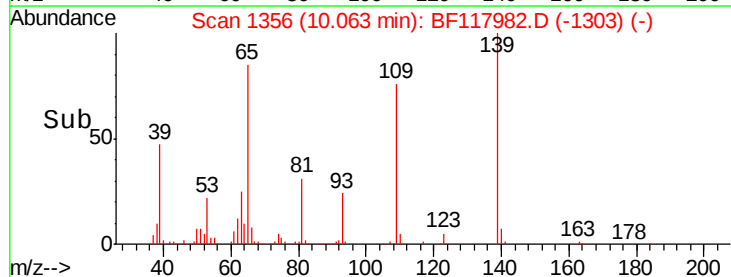
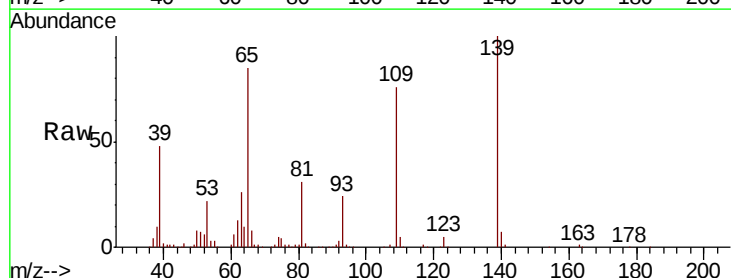
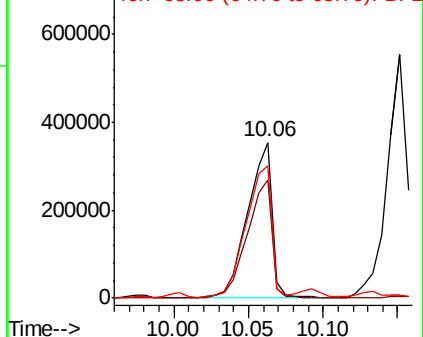
Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.7	50.8	90.8
65	84.8	73.6	113.6

Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 43.499 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

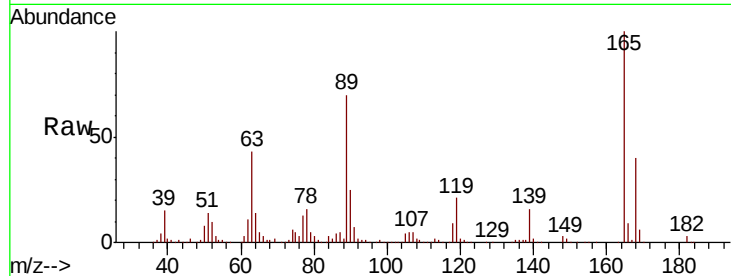
BNA_F

ClientSampleId :

IDLEWILD-BH-05MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		316606		
63	42.9	33.7	50.5		
89	70.1	57.3	85.9		
182	3.0	2.3	3.5		

Manual Integrations
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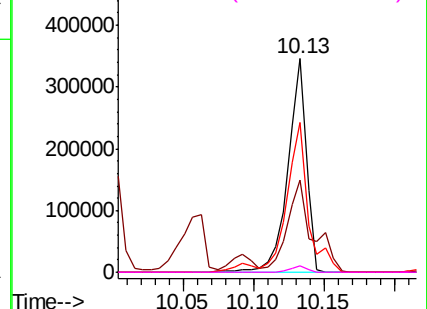
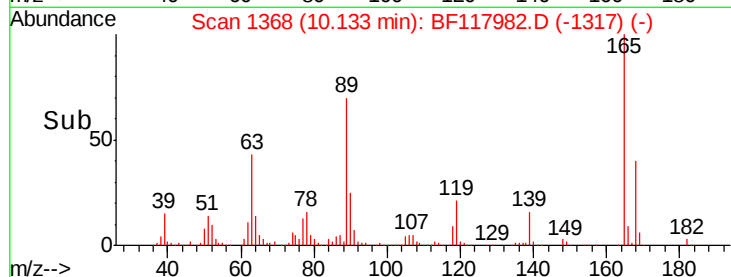


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

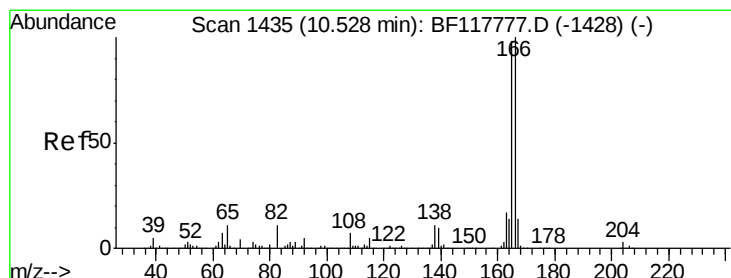
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



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#58

Fluorene

Concen: 41.123 ng

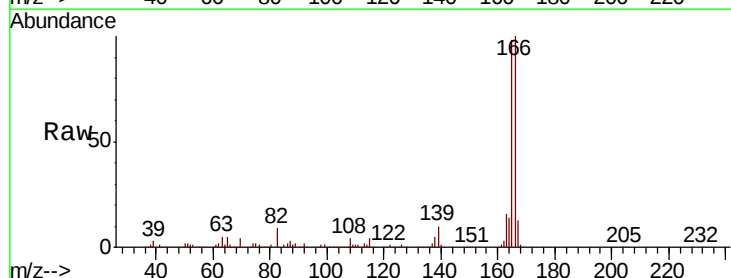
RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

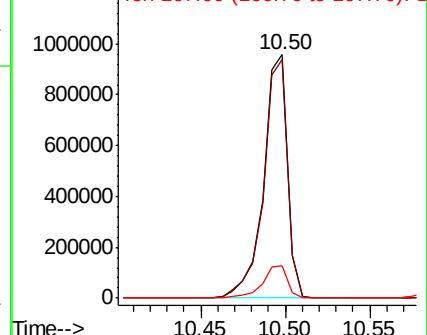
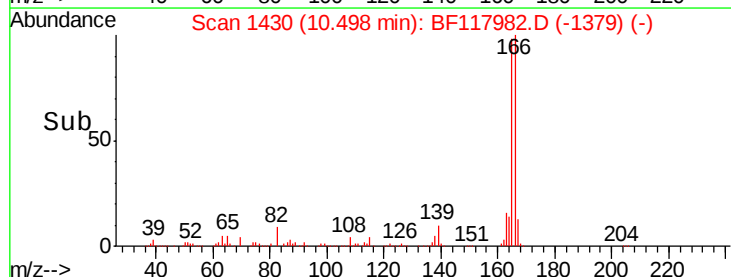
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		939111		
165	98.0	78.4	117.6		
167	13.1	11.0	16.4		

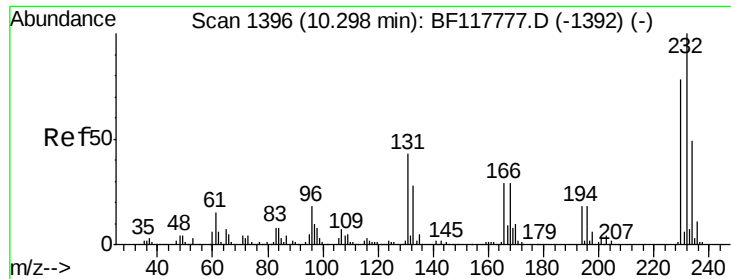


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.897 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampleId :

IDLEWILD-BH-05MSD

Tot Ion:232 Resp: 264319

Ion Ratio Lower Upper

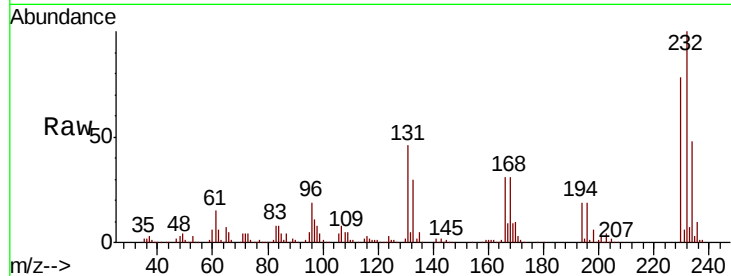
232 100

131 49.3 37.6 56.4

130 2.5 1.9 2.9

166 32.3 24.2 36.4

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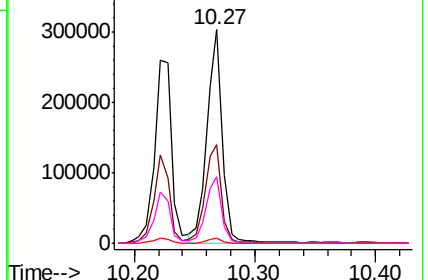
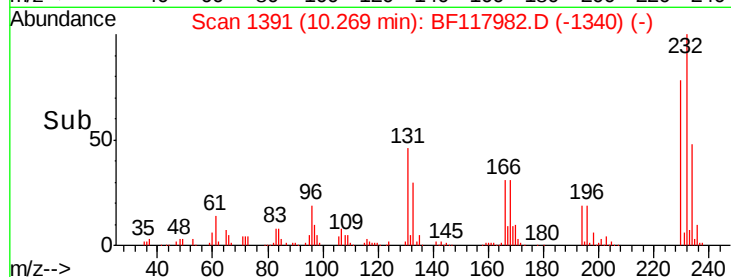


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

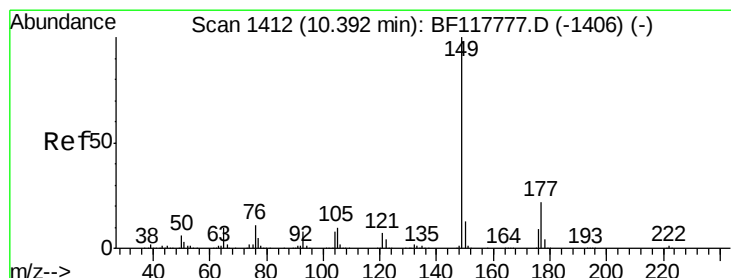
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



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#60

Diethylphthalate

Concen: 41.693 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

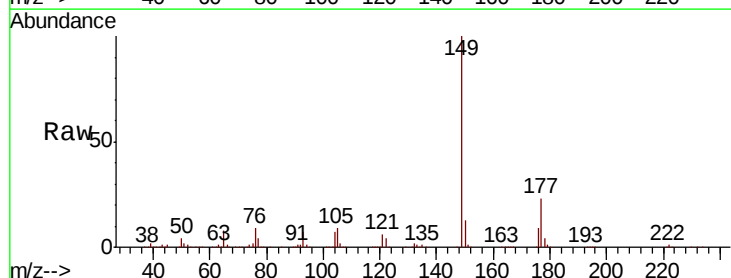
Tgt Ion:149 Resp: 1064172

Ion Ratio Lower Upper

149 100

177 22.6 18.0 27.0

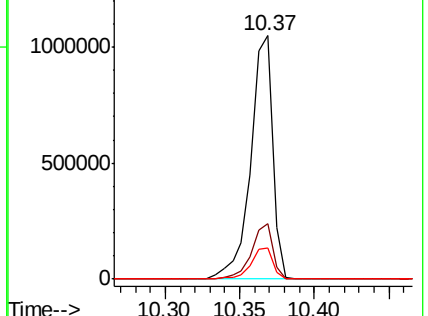
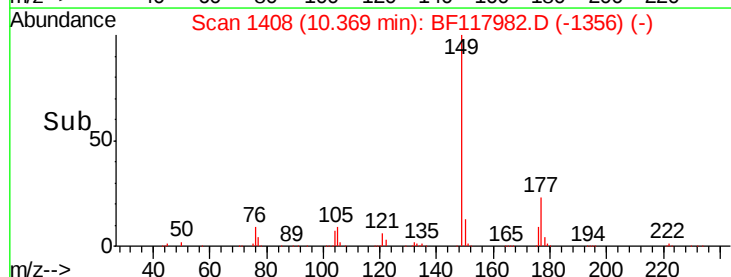
150 12.8 10.5 15.7

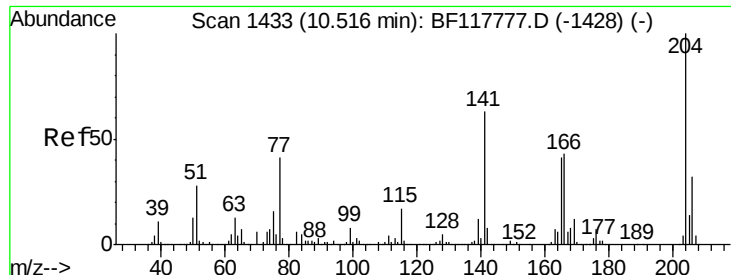


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



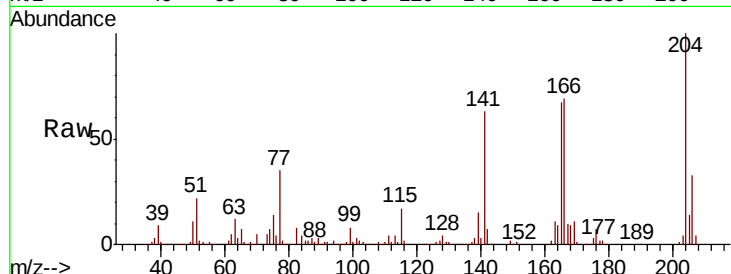


#61
4-Chlorophenyl-phenylether
Concen: 40.527 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.6	38.4
141	62.6	50.7	76.1

Manual Integrations
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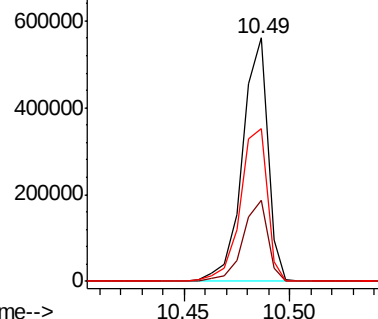


Abundance

Ion 204.00 (203.70 to 204.70): E

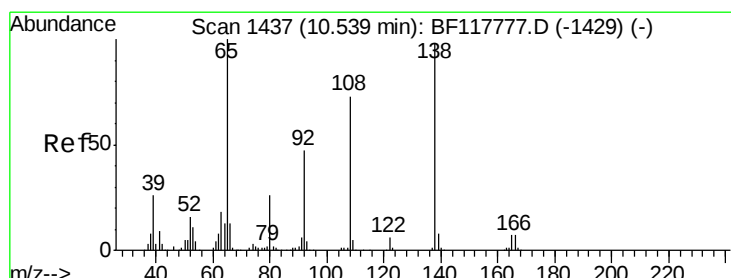
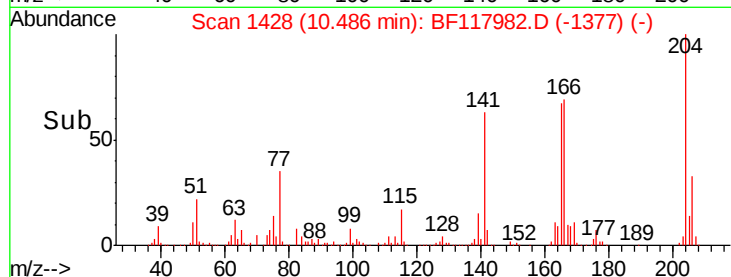
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



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#62
4-Nitroaniline
Concen: 34.051 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

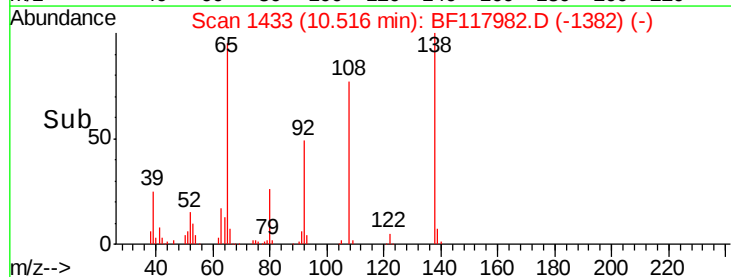
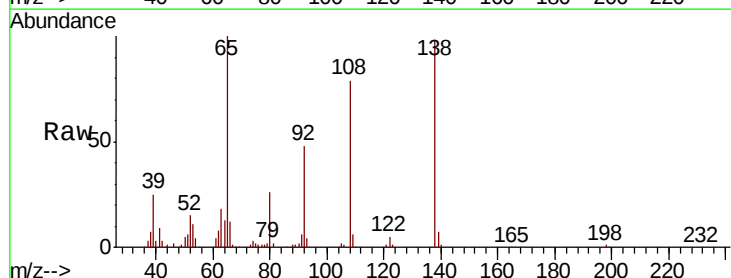
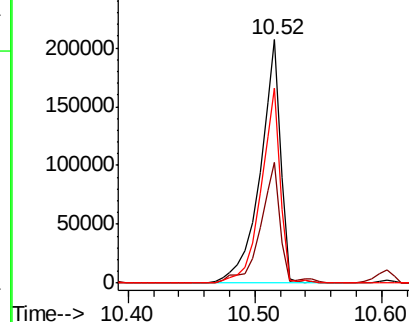
Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	28.3	68.3
108	80.2	54.3	94.3

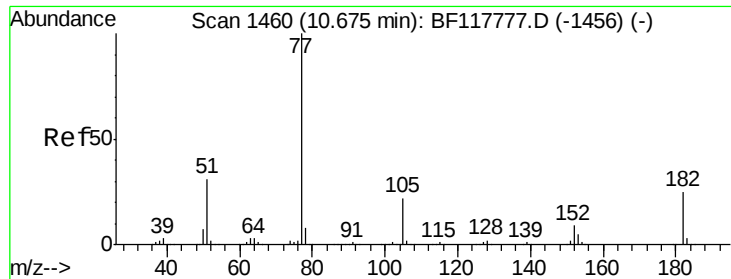
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



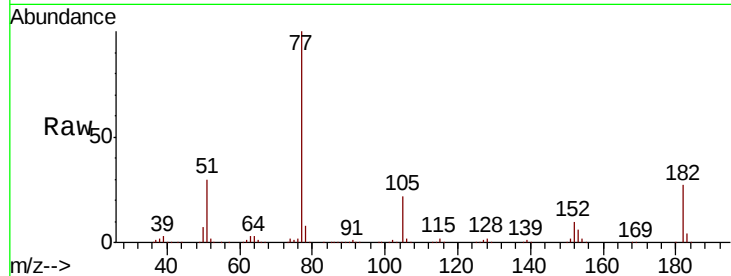


#63
Azobenzene
Concen: 40.255 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

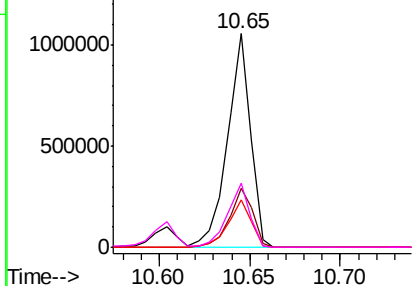
Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.5	4.8	44.8	
105	22.2	2.1	42.1	
51	30.0	11.4	51.4	

Manual Integrations
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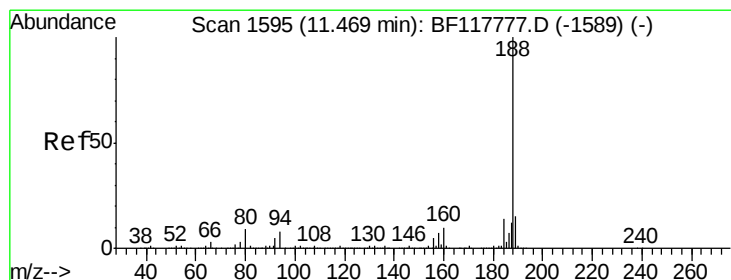
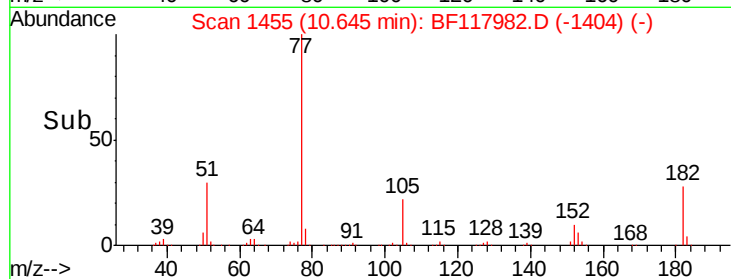


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1



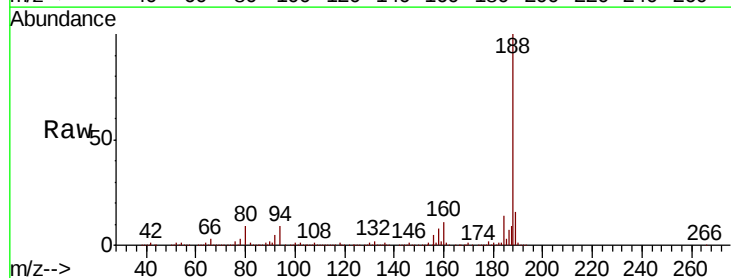
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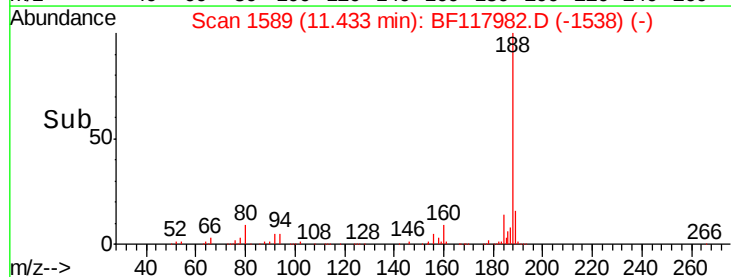
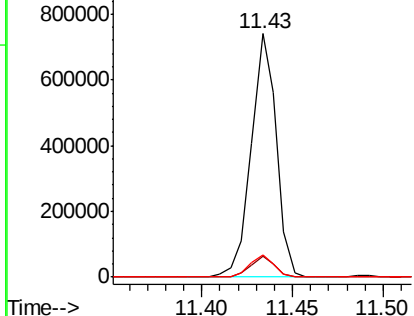


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.5	6.6	10.0	
80	9.3	7.2	10.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



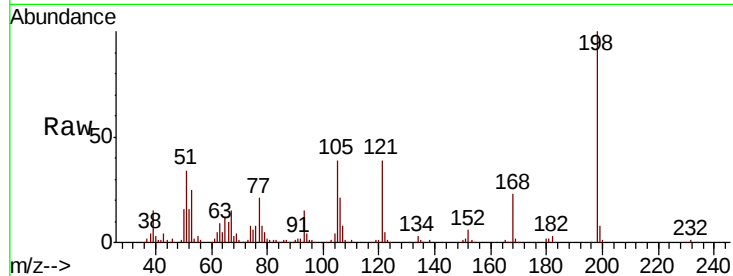


#65
4,6-Dinitro-2-methylphenol
Concen: 47.665 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.2	16.0	56.0
105	39.2	19.1	59.1

Manual Integrations
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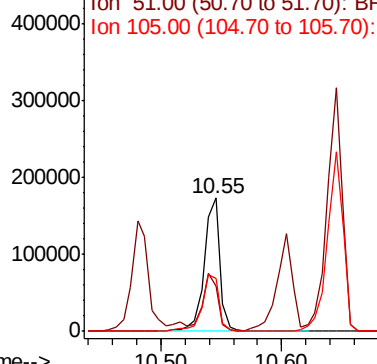


Abundance

Ion 198.00 (197.70 to 198.70): E

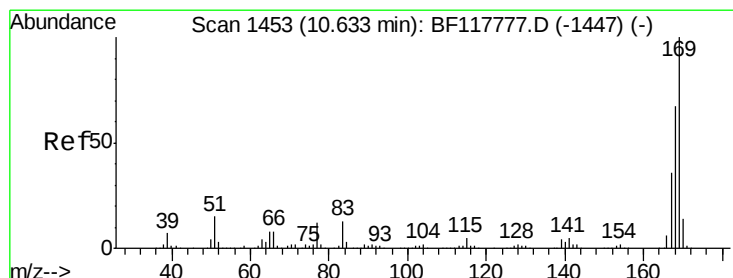
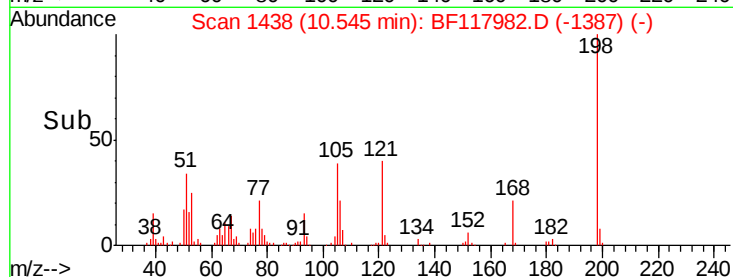
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



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#66
n-Nitrosodiphenylamine
Concen: 40.871 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

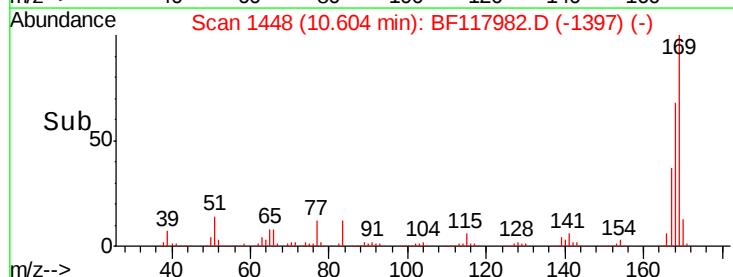
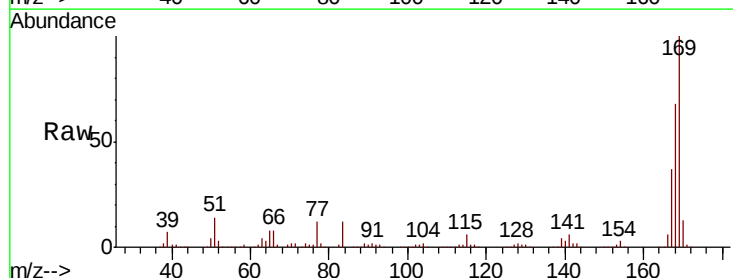
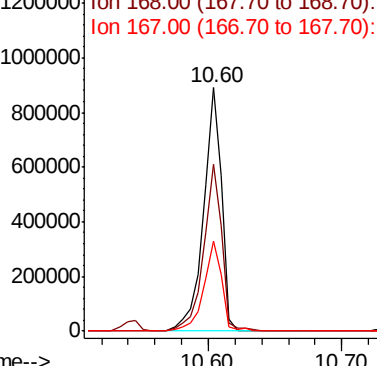
Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.4	53.5	80.3
167	36.9	29.0	43.4

Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



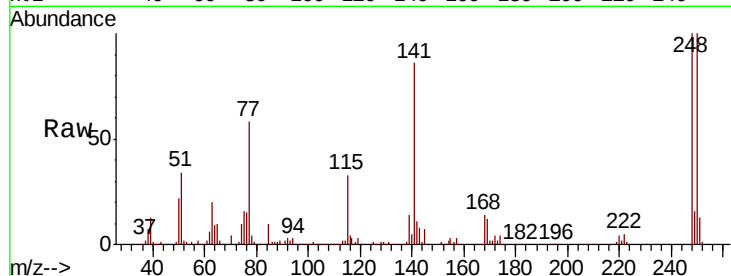


#67
 4-Bromophenyl-phenylether
 Concen: 39.571 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

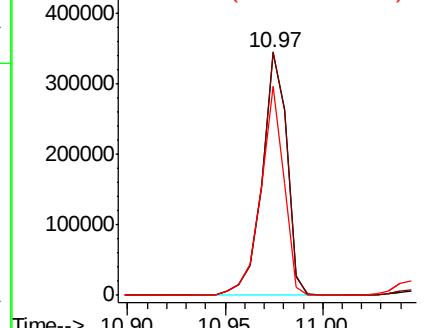
Instrument :
 BNA_F
 ClientSampleId :
 IDLEWILD-BH-05MSD

Tot Ion:	248	Resp:	303087
Ion Ratio	Lower	Upper	
248	100		
250	100.4	76.6	115.0
141	86.2	55.9	83.9#

Manual Integrations
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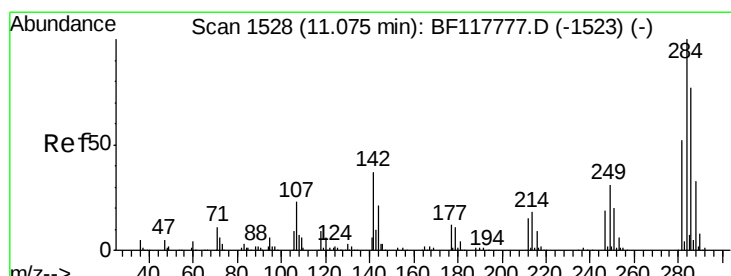
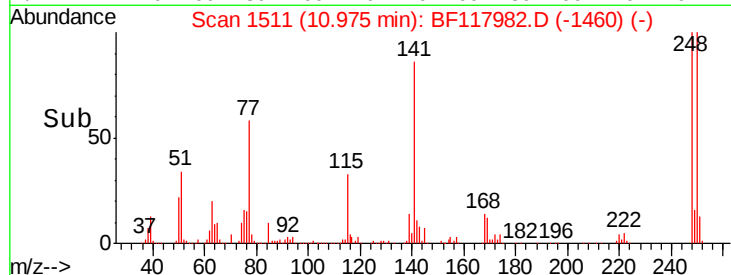


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



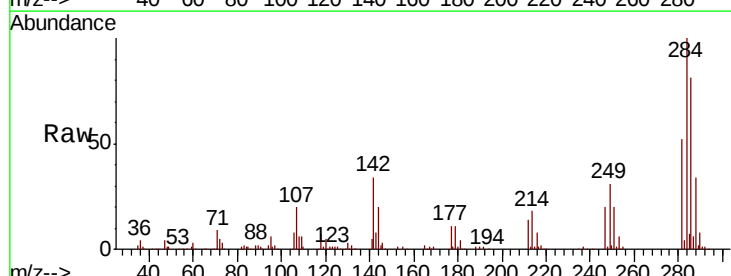
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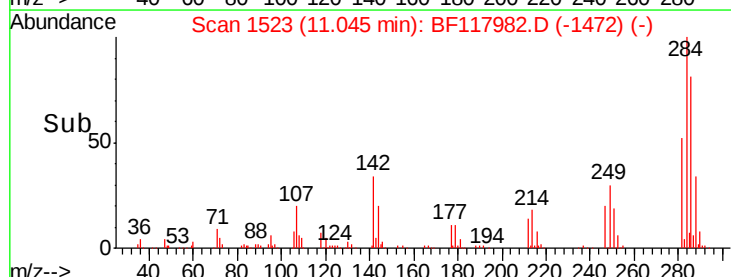
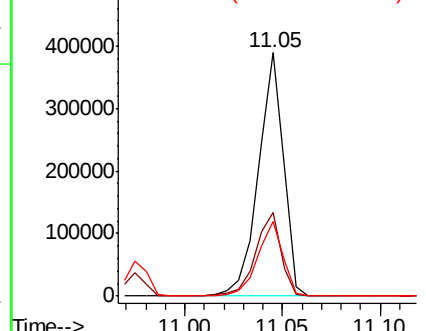


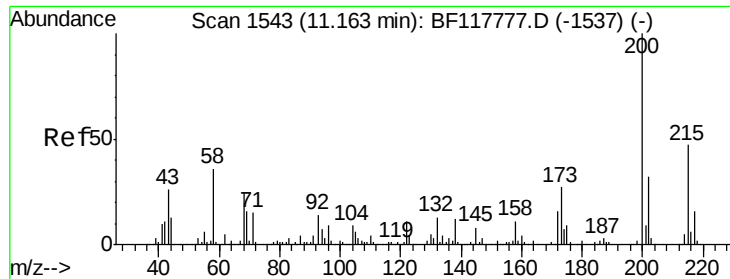
#68
 Hexachlorobenzene
 Concen: 38.740 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Tgt Ion:	284	Resp:	345995
Ion Ratio	Lower	Upper	
284	100		
142	34.3	29.4	44.2
249	30.7	24.6	37.0



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E



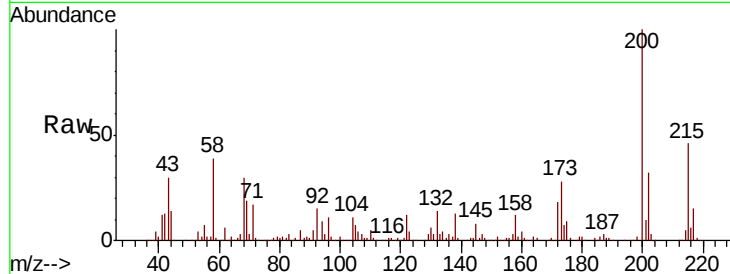


#69
Atrazine
Concen: 44.382 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	6.7	46.7
215	45.8	27.5	67.5

Manual Integrations
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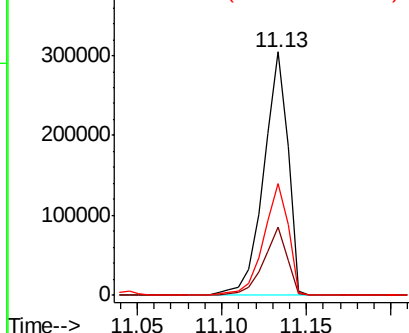


Abundance

Ion 200.00 (199.70 to 200.70): E

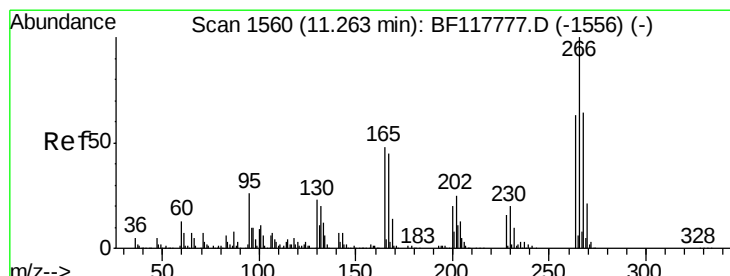
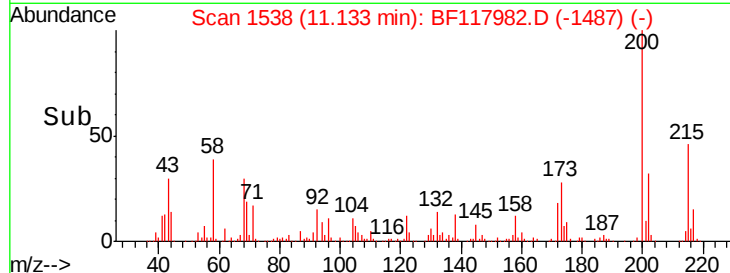
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



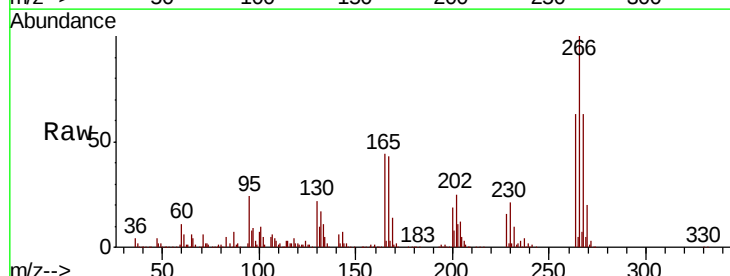
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#70
Pentachlorophenol
Concen: 73.140 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.8	76.2
264	63.3	50.7	76.1

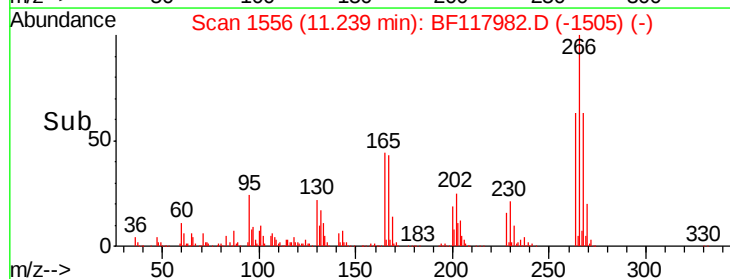
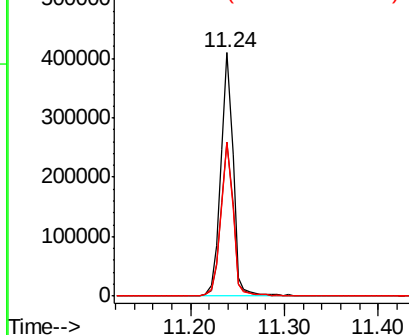


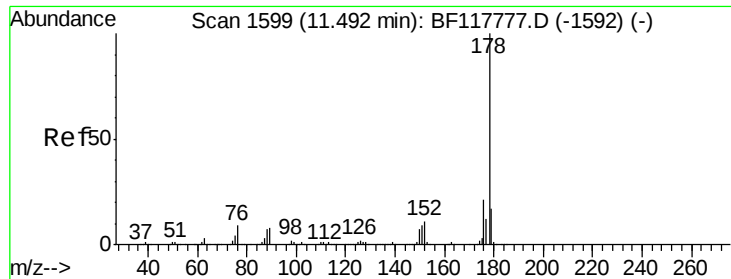
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



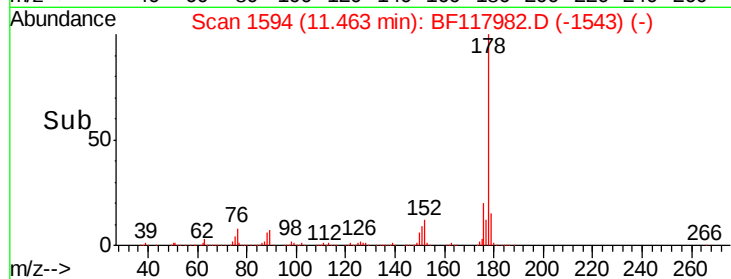
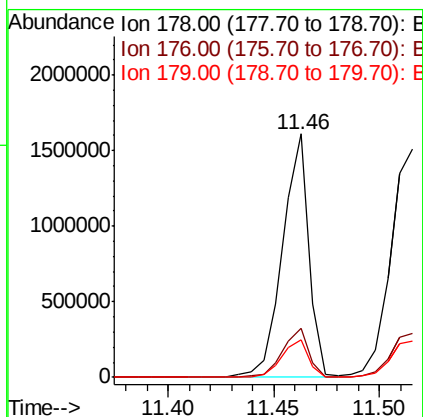
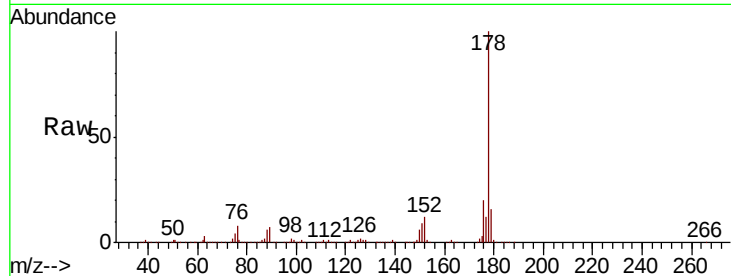


#71
Phenanthrene
Concen: 39.247 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

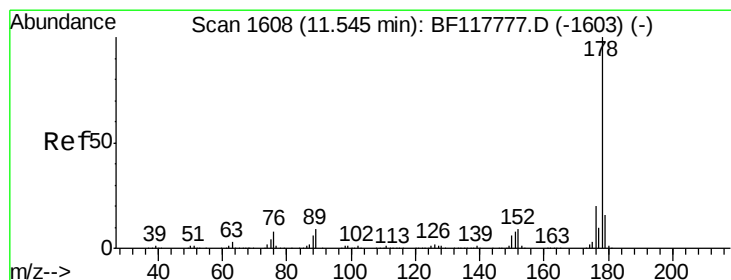
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	25.0
179	15.6	13.2	19.8

Manual Integrations
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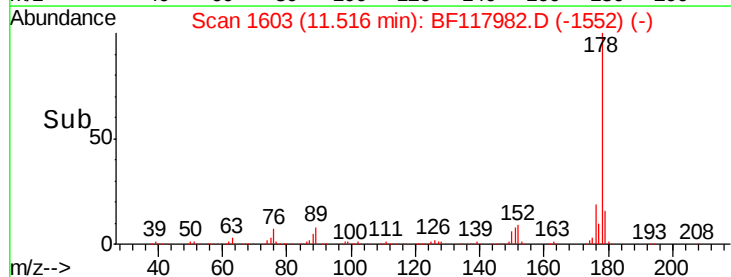
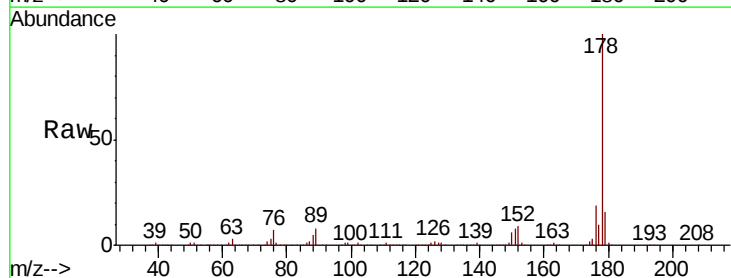
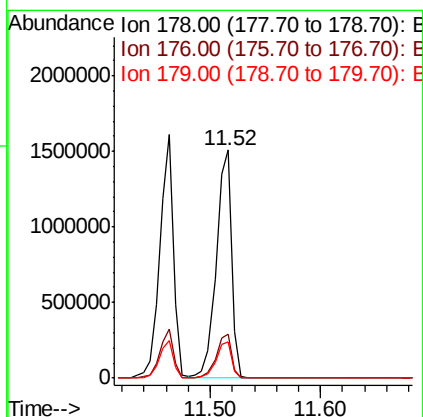
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#72
Anthracene
Concen: 40.943 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.1	24.1
179	15.8	13.0	19.4



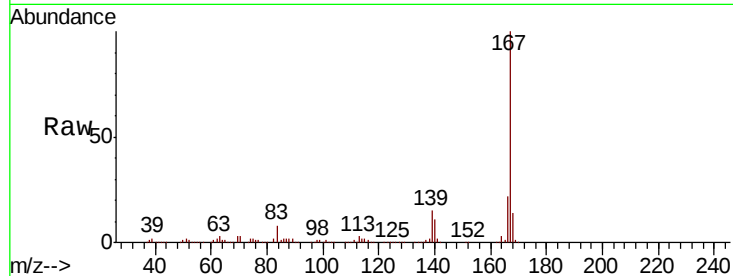


#73
 Carbazole
 Concen: 40.897 ng
 RT: 11.66 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Instrument :
 BNA_F
 ClientSampleId :
 IDLEWILD-BH-05MSD

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.1	18.0	27.0	
139	14.5	11.7	17.5	

Manual Integrations
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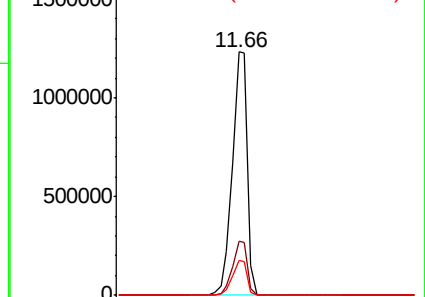


Abundance

Ion 167.00 (166.70 to 167.70): E

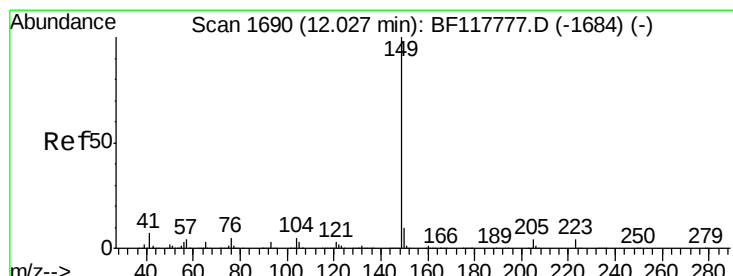
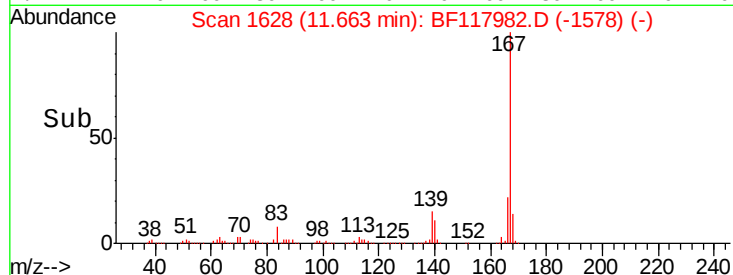
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



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#74
 Di-n-butylphthalate
 Concen: 42.678 ng
 RT: 11.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

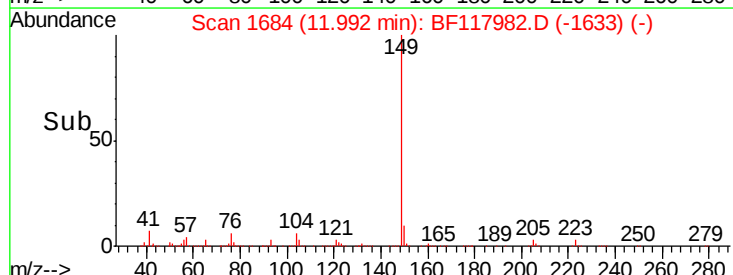
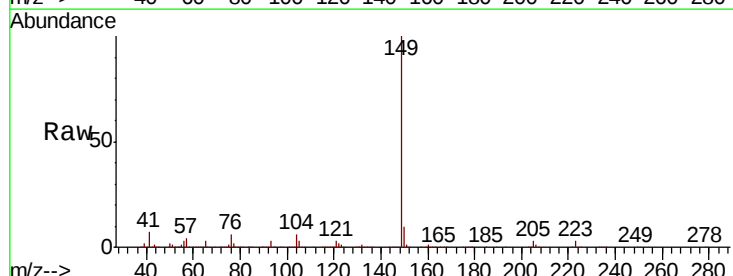
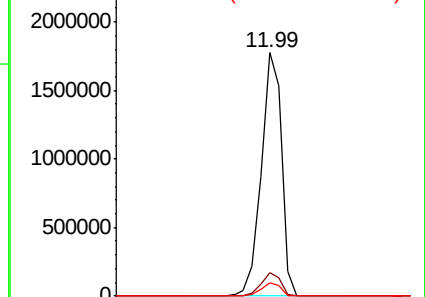
Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.7	7.9	11.9	
104	5.5	4.2	6.4	

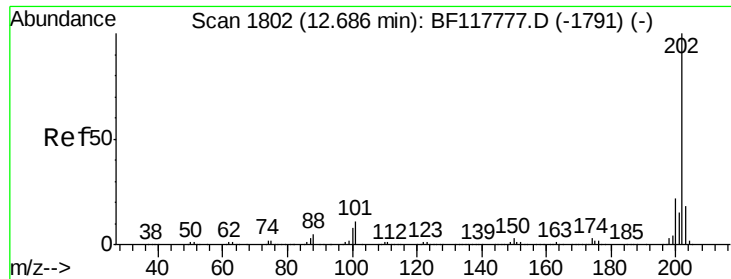
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.333 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

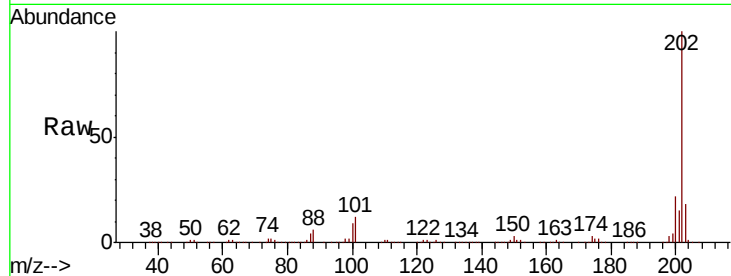
BNA_F

ClientSampleId :

IDLEWILD-BH-05MSD

Tot Ion:	202	Resp:	1417381
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	31.1
203	18.0	0.0	38.2

Manual Integrations
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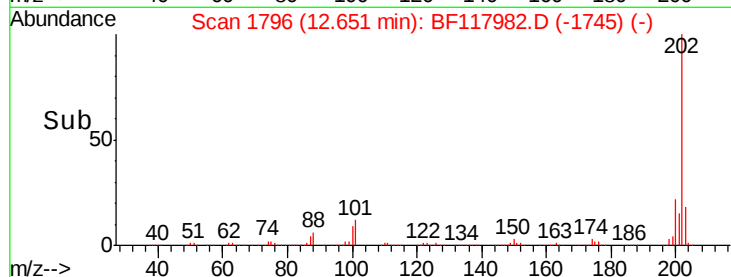
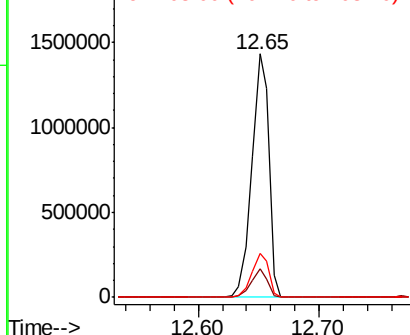


Abundance

Ion 202.00 (201.70 to 202.70): E

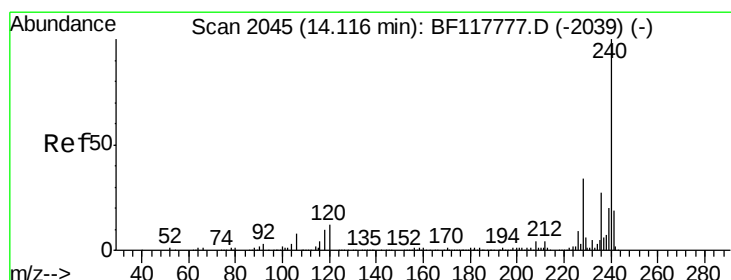
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



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#76

Chrysene-d12

Concen: 20.000 ng

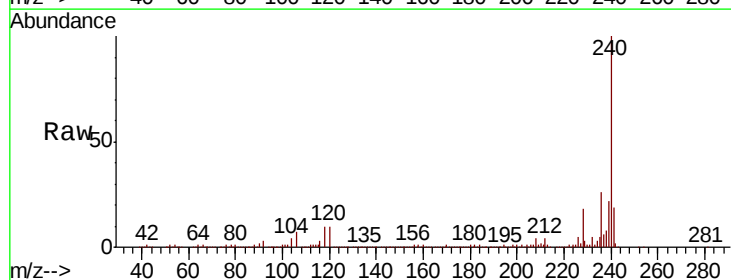
RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Tgt Ion:	240	Resp:	457850
Ion Ratio	Lower	Upper	
240	100		
120	10.3	9.5	14.3
236	26.4	21.3	31.9

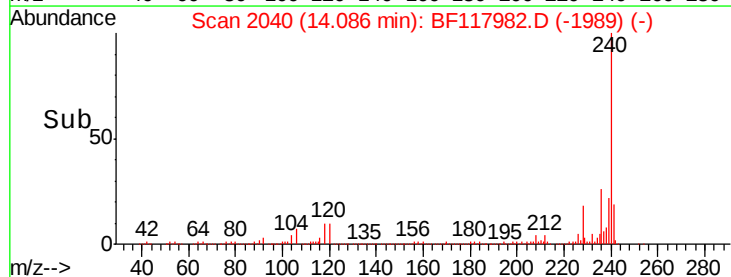
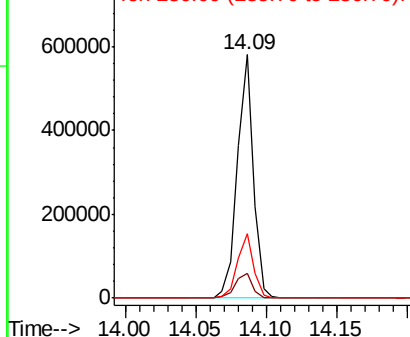


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.242 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampleId :

IDLEWILD-BH-05MSD

Tot Ion:184 Resp: 663516

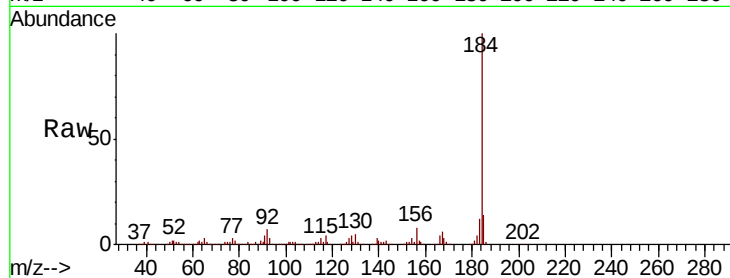
Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.4

183 12.3 9.5 14.3

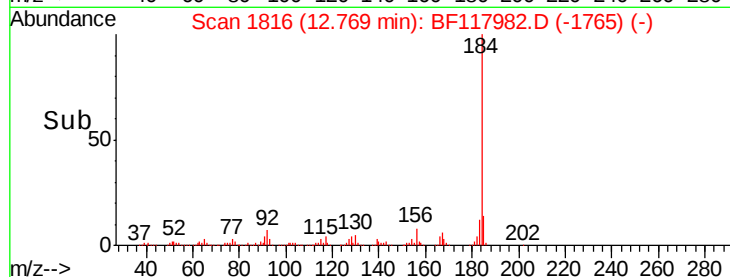
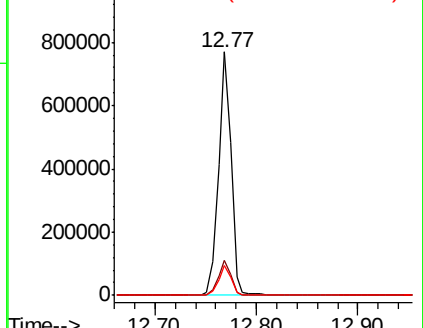
Manual Integrations
APPROVED



Abundance Ion 184.00 (183.70 to 184.70): E

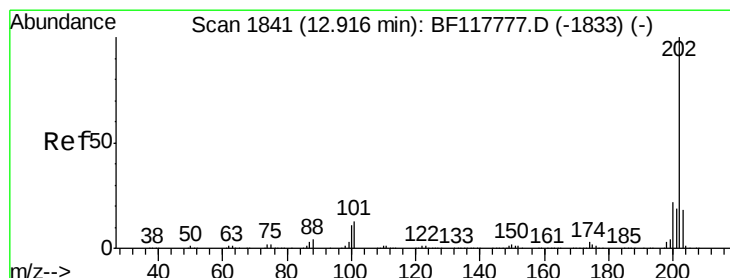
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



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#78

Pyrene

Concen: 38.140 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

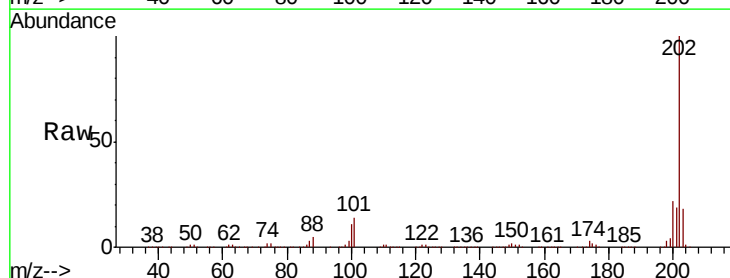
Tgt Ion:202 Resp: 1411215

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.8

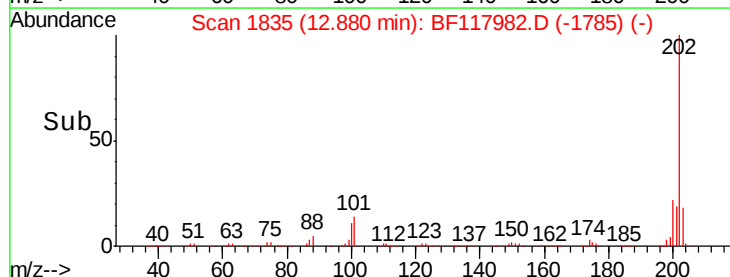
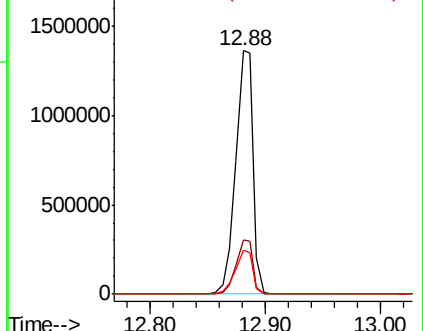
203 18.1 14.6 22.0

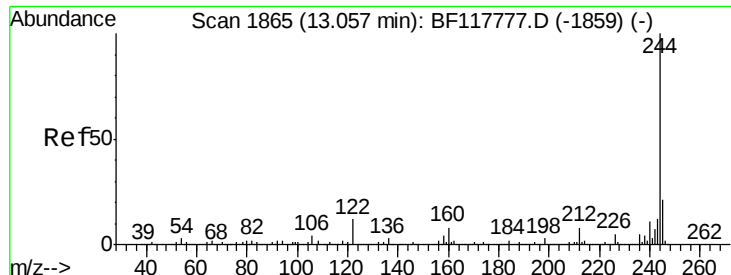


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



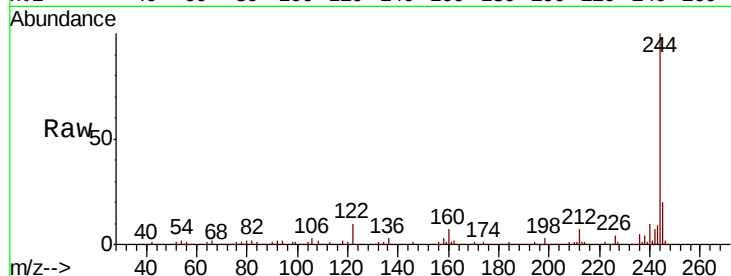


#79
Terphenyl-d14
Concen: 49.815 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

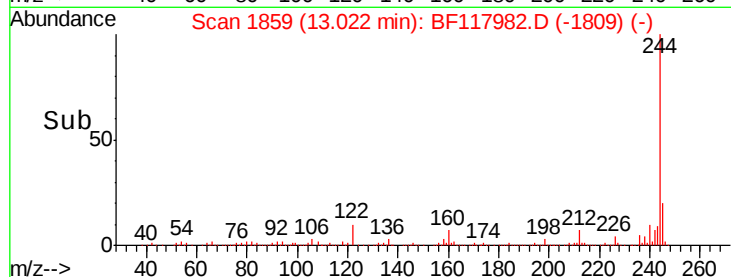
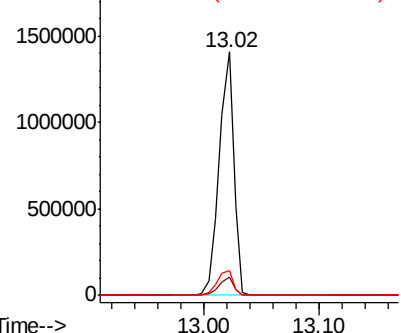
Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.3	9.5
122	10.2	9.4	14.2

Manual Integrations
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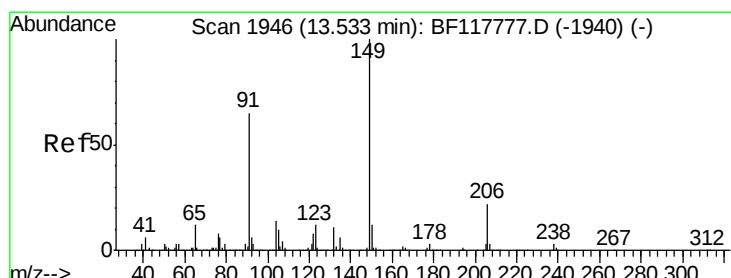


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



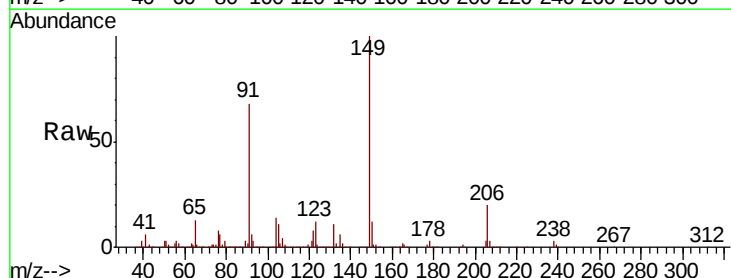
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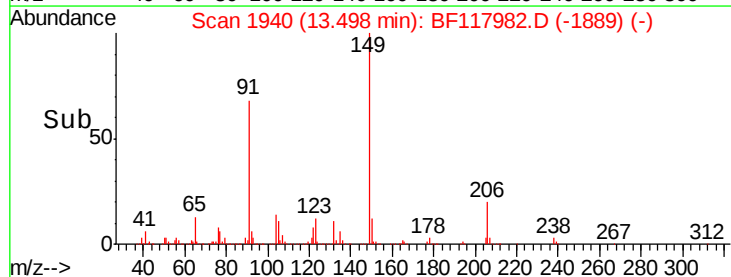
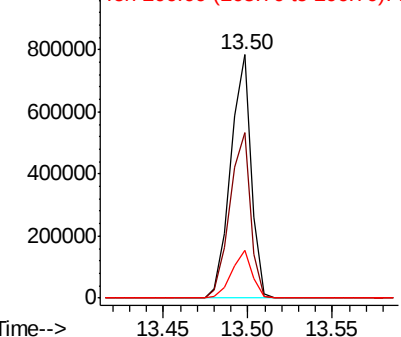


#80
Butylbenzylphthalate
Concen: 42.047 ng
RT: 13.50 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.7	51.9	77.9
206	19.7	17.2	25.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E



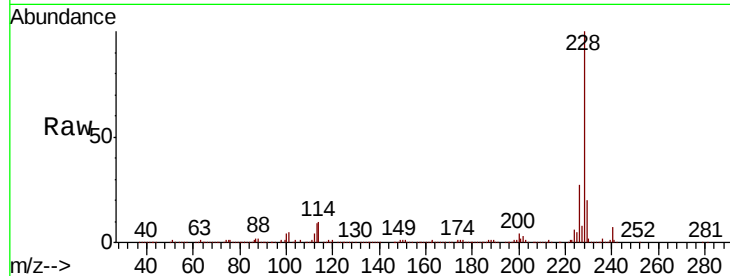


#81
Benzo(a)anthracene
Concen: 39.281 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.2
229	19.6	15.9	23.9

Manual Integrations
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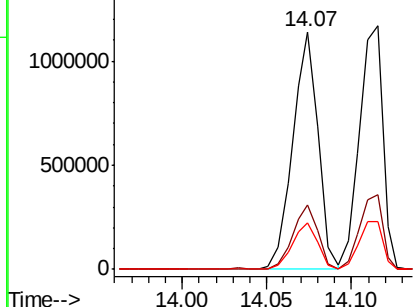
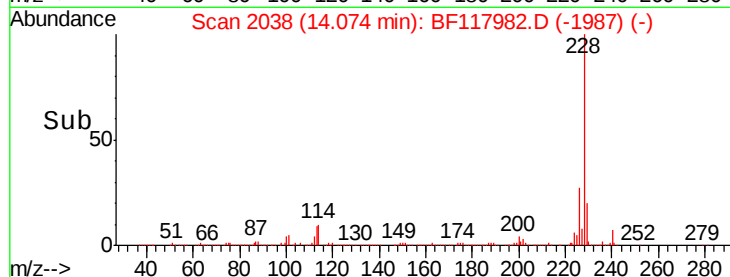


Abundance

Ion 228.00 (227.70 to 228.70): E

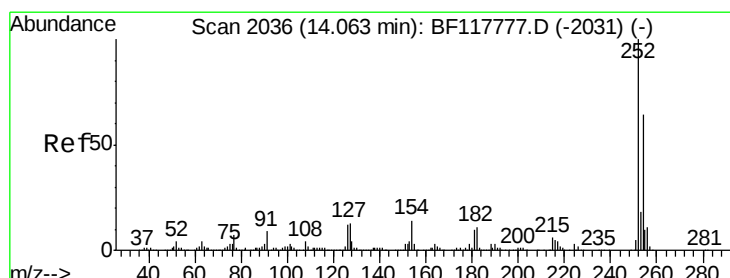
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



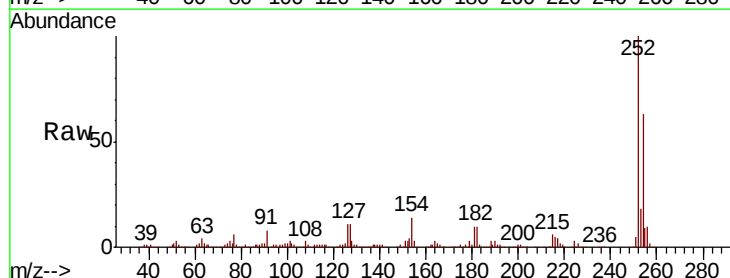
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#82
3,3'-Dichlorobenzidine
Concen: 26.620 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.0	76.6
126	11.0	9.7	14.5

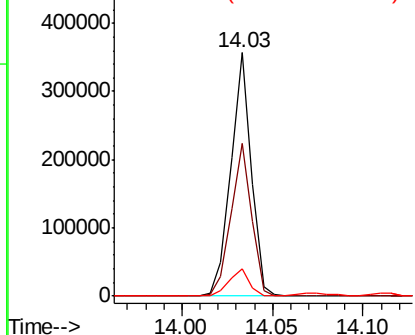
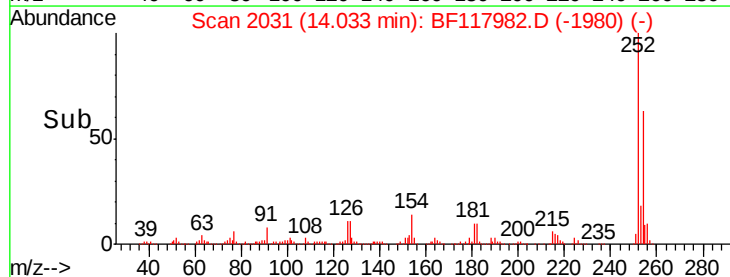


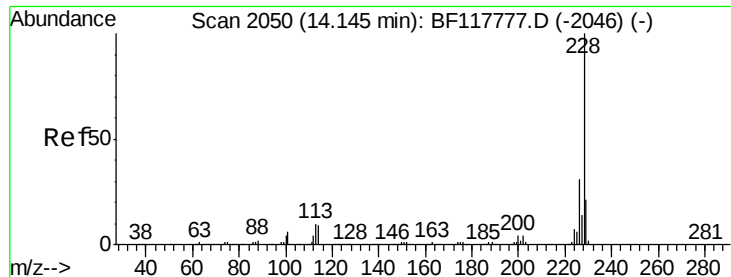
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



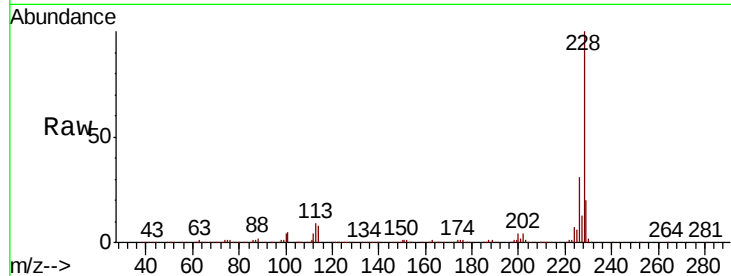


#83
 Chrvsene
 Concen: 38.326 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Instrument :
 BNA_F
 ClientSampleId :
 IDLEWILD-BH-05MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.4
229	19.6	16.6	25.0

Manual Integrations
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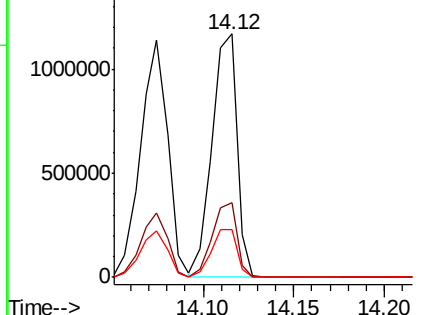
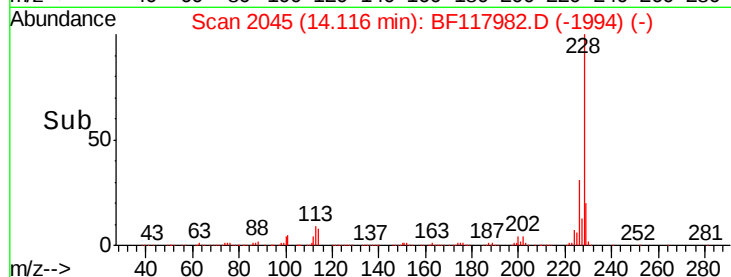


Abundance

Ion 228.00 (227.70 to 228.70): E

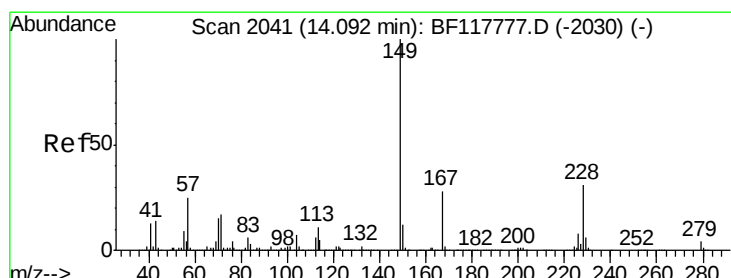
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



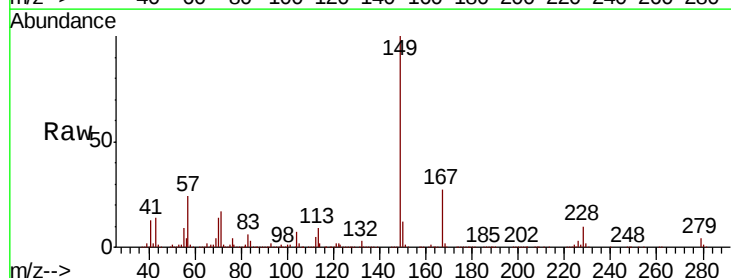
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.199 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.2
279	4.3	3.4	5.2

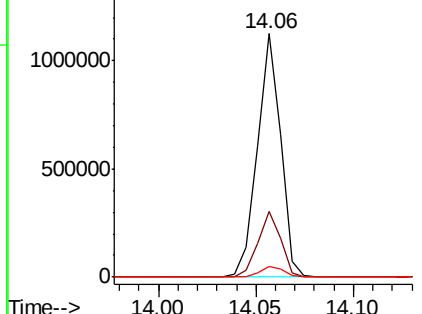
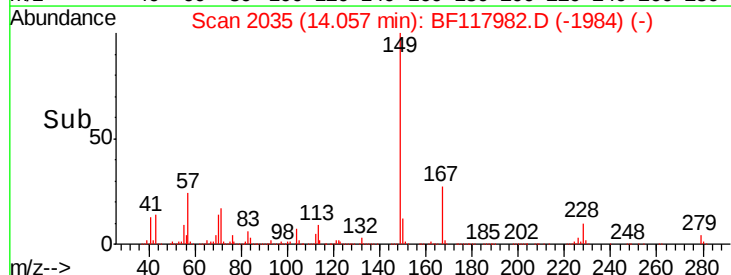


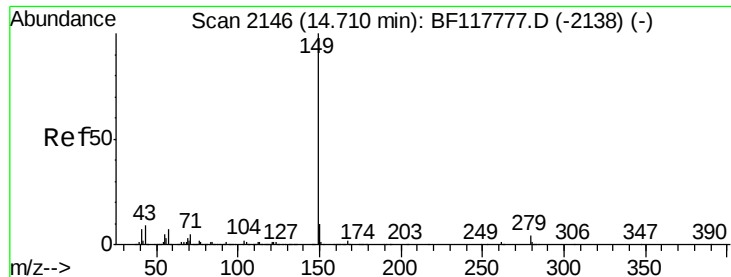
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



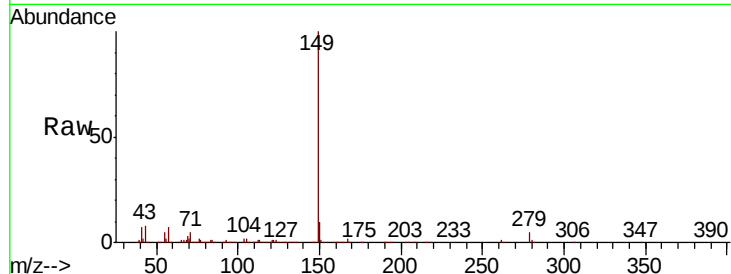


#85
Di-n-octyl phthalate
Concen: 52.502 ng
RT: 14.67 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

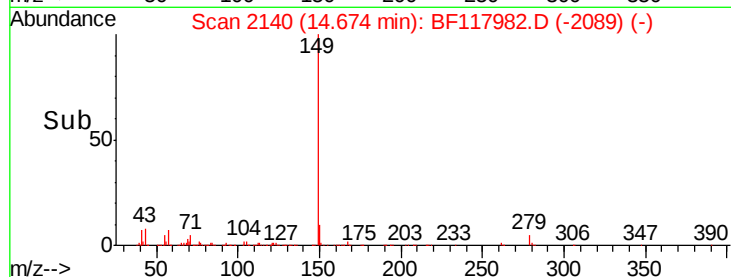
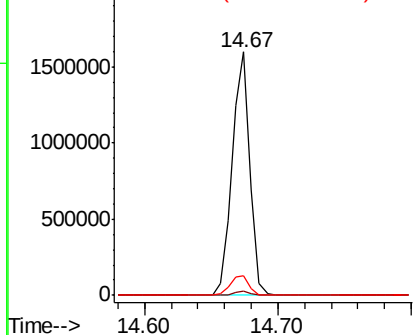
Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.5	7.4	11.2

Manual Integrations
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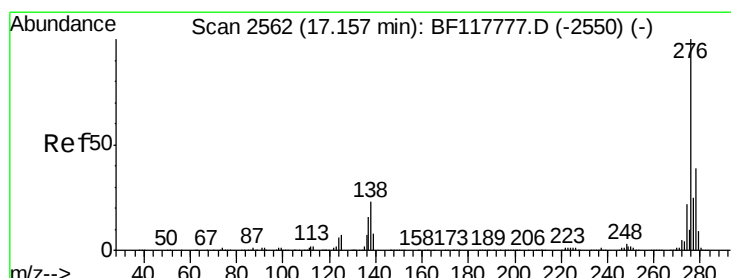


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



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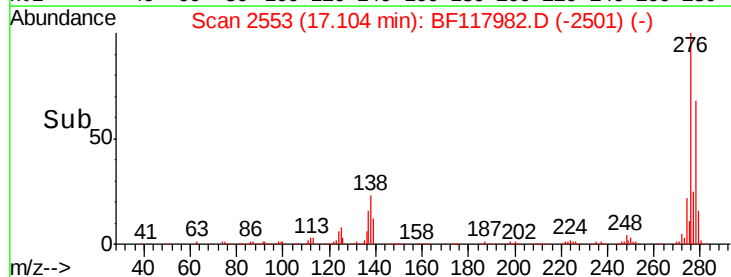
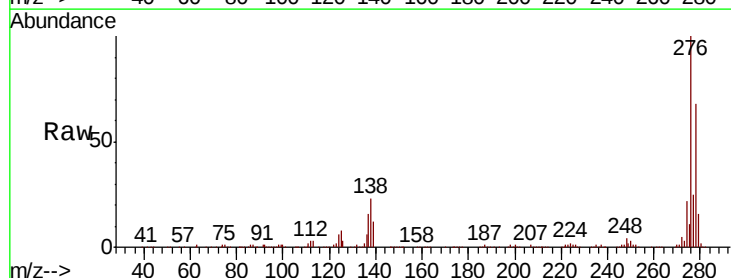
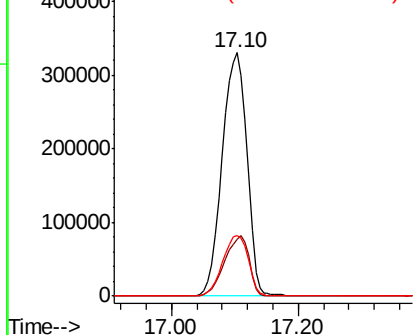
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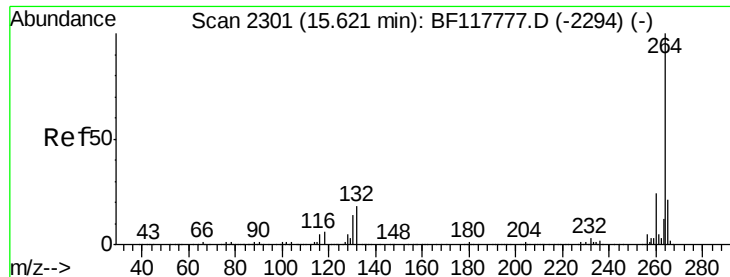


#86
Indeno(1,2,3-cd)pyrene
Concen: 35.676 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.9	31.3
277	25.7	20.3	30.5

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



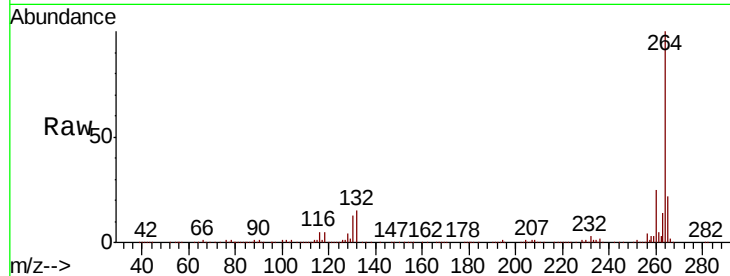


#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Instrument :
 BNA_F
 ClientSampleId :
 IDLEWILD-BH-05MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	21.6	17.1	25.7

Manual Integrations
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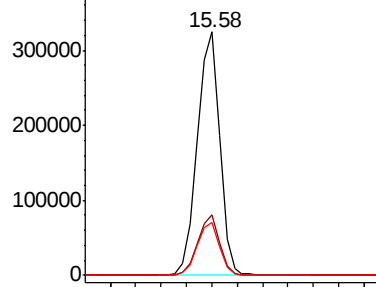


Abundance

Ion 264.00 (263.70 to 264.70): E

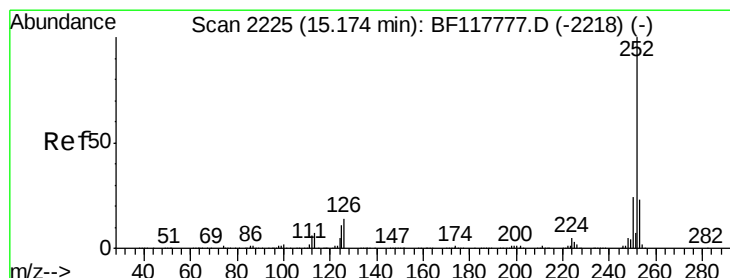
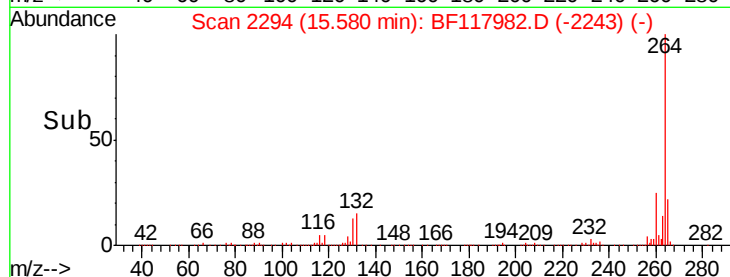
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



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#88
 Benzo(b)fluoranthene
 Concen: 38.834 ng
 RT: 15.14 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

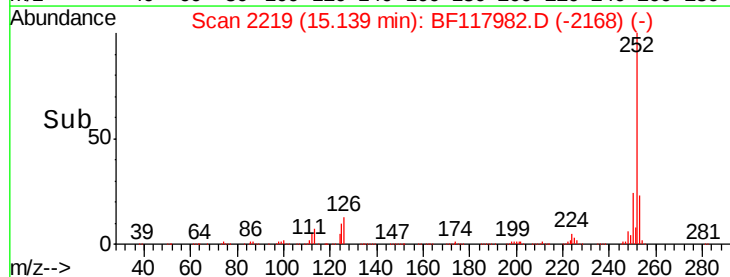
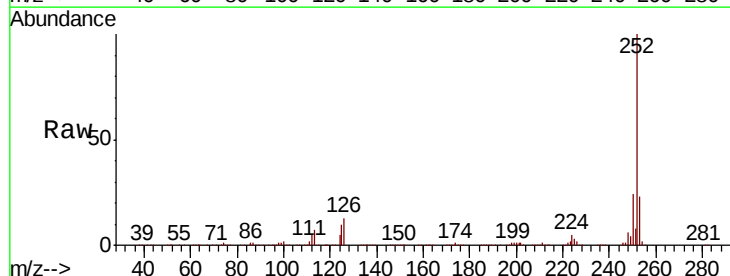
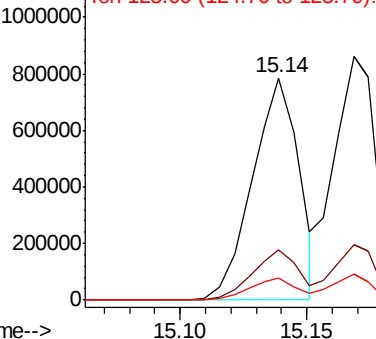
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	9.9	8.6	13.0

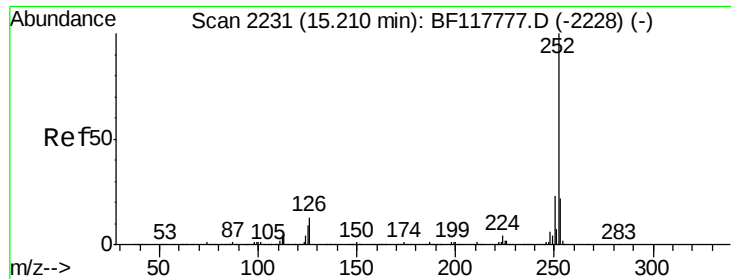
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



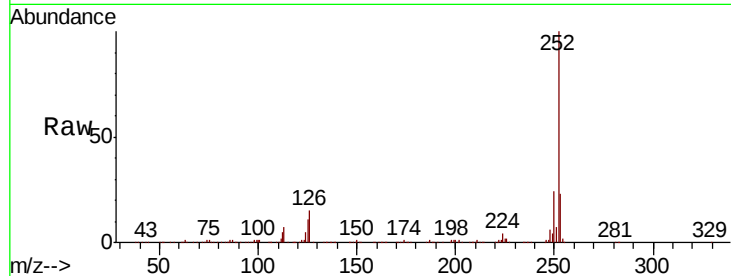


#89
Benzo(k)fluoranthene
Concen: 40.259 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	10.8	7.9	11.9

Manual Integrations
APPROVED

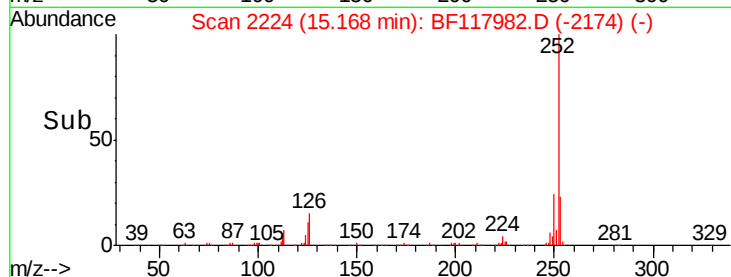
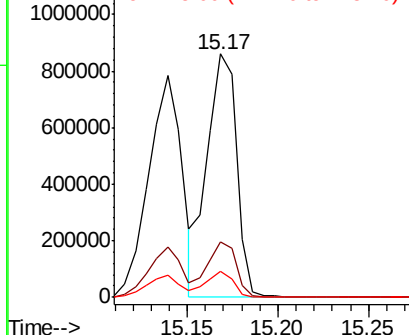


Abundance

Ion 252.00 (251.70 to 252.70): E

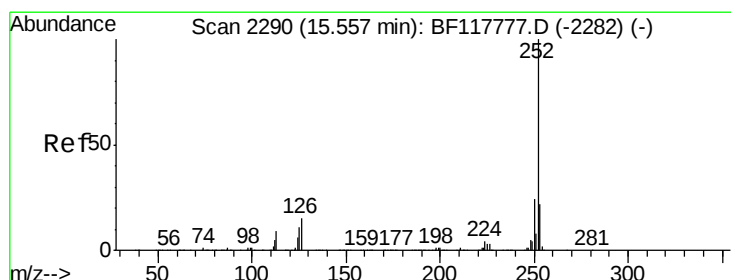
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



mohammad

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#90
Benzo(a)pyrene
Concen: 37.686 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

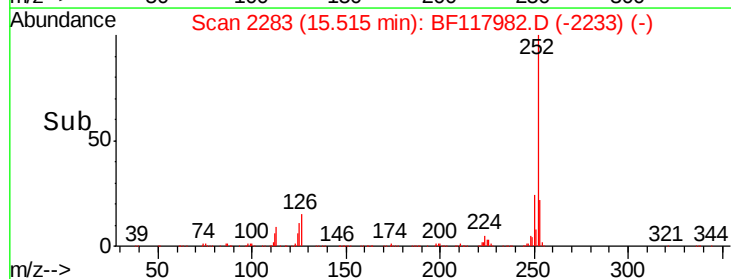
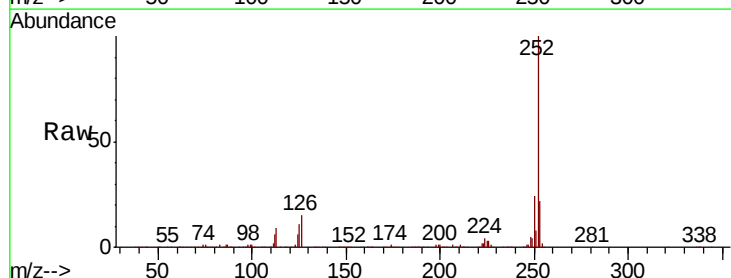
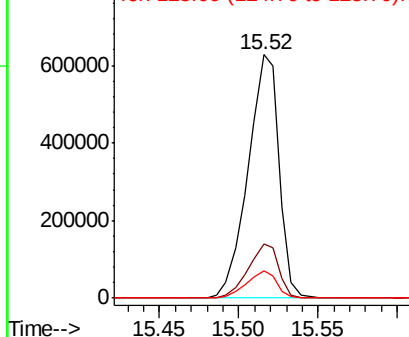
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.2	9.2	13.8

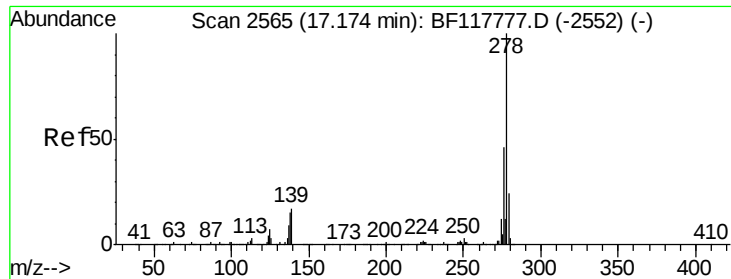
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



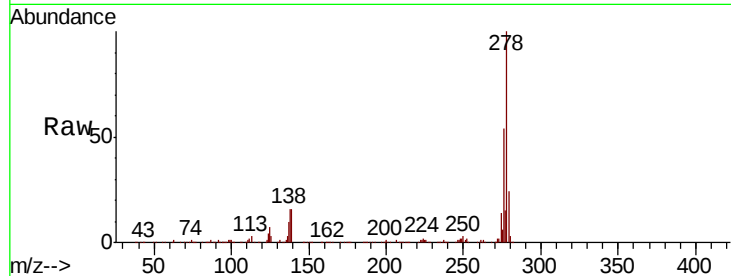


#91
Dibenzo(a,h)anthracene
Concen: 38.757 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

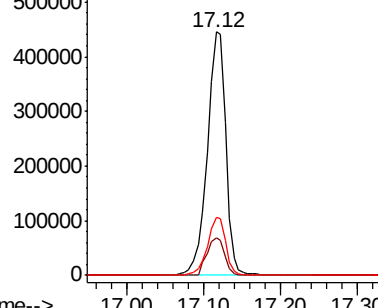
Instrument :
BNA_F
ClientSampleId :
IDLEWILD-BH-05MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.8	20.8
279	23.7	19.6	29.4

Manual Integrations
APPROVED

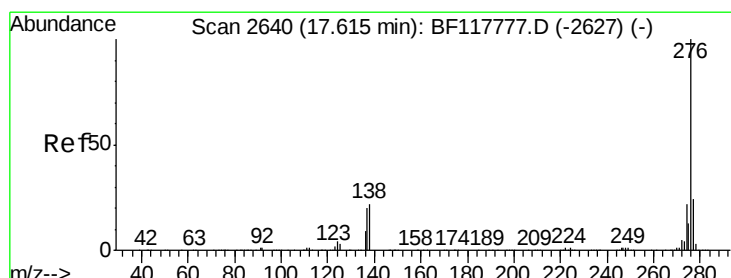
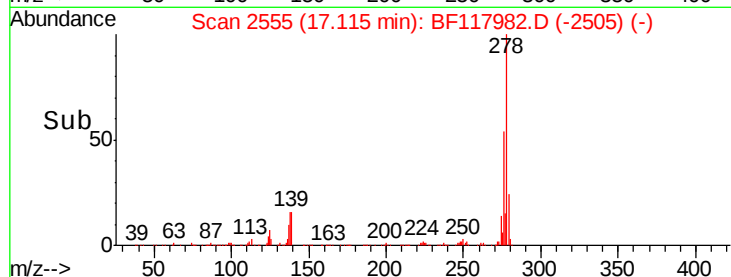


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



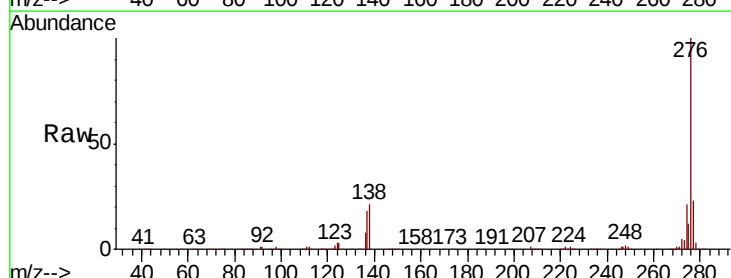
mohammad

11/26/2019 12:49:14 PM



#92
Benzo(g,h,i)perylene
Concen: 37.503 ng
RT: 17.56 min Scan# 2631
Delta R.T. 0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.9	28.3
138	21.0	17.4	26.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

