

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110119\
 Data File : BF117678.D
 Acq On : 1 Nov 2019 13:56
 Operator : JU
 Sample : K5148-17MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-102919MSD

Manual Integrations
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 11/4/2019 12:50:00 PM

Quant Time: Nov 01 16:20:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	39352	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	165400	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	88242	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	156078	20.00	ng	0.00
76) Chrysene-d12	13.89	240	117838	20.00	ng	0.00
87) Perylene-d12	15.33	264	106349	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	313951	118.69	ng	0.02
7) Phenol-d6	6.39	99	430960	121.30	ng	0.01
23) Nitrobenzene-d5	7.29	82	272461	81.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	93892	122.97	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	489701	78.19	ng	-0.01
79) Terphenyl-d14	12.83	244	584143	80.86	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.56	88	39940	35.913	ng	# 82
3) Pyridine	3.32	79	85030	31.233	ng	98
4) n-Nitrosodimethylamine	3.19	42	44183	44.735	ng	94
6) Aniline	6.40	93	64604	15.489	ng	# 1
8) 2-Chlorophenol	6.52	128	122702	43.960	ng	99
9) Benzaldehyde	6.29	77	50333	26.548	ng	98
10) Phenol	6.40	94	152072	41.939	ng	# 77
11) bis(2-Chloroethyl)ether	6.46	93	124325	46.354	ng	98
12) 1,3-Dichlorobenzene	6.66	146	116973	37.554	ng	98
13) 1,4-Dichlorobenzene	6.74	146	120867	38.251	ng	99
14) 1,2-Dichlorobenzene	6.89	146	114807	38.545	ng	97
15) Benzyl Alcohol	6.89	79	116530	45.910	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	120568	41.672	ng	73
17) 2-Methylphenol	7.00	107	104783	45.635	ng	93
18) Hexachloroethane	7.22	117	45027	36.509	ng	91
19) n-Nitroso-di-n-propylamine	7.15	70	96560	44.503	ng	97
20) 3+4-Methylphenols	7.16	107	137635	45.719	ng	# 62
22) Acetophenone	7.14	105	183050	41.678	ng	95
24) Nitrobenzene	7.31	77	139373	43.433	ng	98
25) Isophorone	7.55	82	263655	45.490	ng	98
26) 2-Nitrophenol	7.63	139	65508	45.771	ng	92
27) 2,4-Dimethylphenol	7.67	122	111740	52.242	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	153140	42.820	ng	99
29) 2,4-Dichlorophenol	7.89	162	100897	44.974	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	96112	39.922	ng	99
31) Naphthalene	8.03	128	352306	42.973	ng	99
32) Benzoic acid	7.86	122	53968	36.838	ng	95
33) 4-Chloroaniline	8.11	127	42099	12.167	ng	94
34) Hexachlorobutadiene	8.14	225	51682	37.089	ng	98
35) Caprolactam	8.48	113	34507m	47.881	ng	
36) 4-Chloro-3-methylphenol	8.59	107	123000	48.073	ng	99
37) 2-Methylnaphthalene	8.72	142	246371	44.598	ng	99
38) 1-Methylnaphthalene	8.82	142	231315	44.561	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	93831	39.480	ng	100

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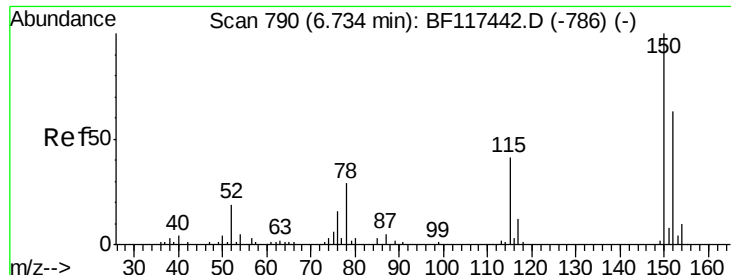
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	24399	48.314	nq	92
43) 2,4,6-Trichlorophenol	9.01	196	63673	42.781	nq	94
44) 2,4,5-Trichlorophenol	9.07	196	64572	42.814	nq	96
46) 1,1'-Biphenyl	9.18	154	291562	39.911	nq	99
47) 2-Chloronaphthalene	9.21	162	222485	40.393	nq	98
48) 2-Nitroaniline	9.32	65	79690	44.072	nq	95
49) Acenaphthylene	9.62	152	354699	43.842	nq	98
50) Dimethylphthalate	9.49	163	340810	54.177	nq	100
51) 2,6-Dinitrotoluene	9.56	165	62143	47.339	nq #	73
52) Acenaphthene	9.79	154	214739	43.262	nq	99
53) 3-Nitroaniline	9.74	138	36094	22.661	nq	86
54) 2,4-Dinitrophenol	9.87	184	42056	77.586	nq	98
55) Dibenzofuran	9.96	168	321485	44.704	nq	94
56) 4-Nitrophenol	9.94	139	21537m	31.989	nq	
57) 2,4-Dinitrotoluene	9.97	165	84378	48.346	nq	91
58) Fluorene	10.31	166	267685	45.012	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	49638	41.876	nq #	96
60) Diethylphthalate	10.18	149	294695	46.315	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	116291	43.585	nq	93
62) 4-Nitroaniline	10.36	138	64752	43.132	nq	96
63) Azobenzene	10.46	77	304052	46.680	nq	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	36299	45.743	nq	93
66) n-Nitrosodiphenylamine	10.42	169	235491	41.272	nq	98
67) 4-Bromophenyl-phenylether	10.79	248	66299	39.437	nq	89
68) Hexachlorobenzene	10.86	284	69101	38.381	nq	98
69) Atrazine	10.96	200	75825	52.231	nq	99
70) Pentachlorophenol	11.07	266	37400	69.294	nq	95
71) Phenanthrene	11.27	178	382495	42.205	nq	98
72) Anthracene	11.33	178	404227	43.470	nq	100
73) Carbazole	11.49	167	376169	44.265	nq	99
74) Di-n-butylphthalate	11.80	149	509853	44.901	nq	98
75) Fluoranthene	12.46	202	401293	44.231	nq	99
77) Benzidine	12.59	184	90046	23.338	nq	98
78) Pyrene	12.69	202	410689	40.575	nq	99
80) Butylbenzylphthalate	13.30	149	218888	43.458	nq	98
81) Benzo(a)anthracene	13.89	228	341259	42.933	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	61612	24.702	nq	98
83) Chrysene	13.92	228	331618	42.569	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	332565	47.135	nq	97
85) Di-n-octyl phthalate	14.46	149	556422	51.293	nq	100
86) Indeno(1,2,3-cd)pyrene	16.76	276	242095	41.624	nq	98
88) Benzo(b)fluoranthene	14.92	252	277848	44.243	nq	97
89) Benzo(k)fluoranthene	14.95	252	269475	41.866	nq	100
90) Benzo(a)pyrene	15.27	252	239867	42.009	nq	96
91) Dibenzo(a,h)anthracene	16.74	278	208395	42.209	nq	96
92) Benzo(g,h,i)perylene	17.17	276	198046	42.395	nq	96

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



#1

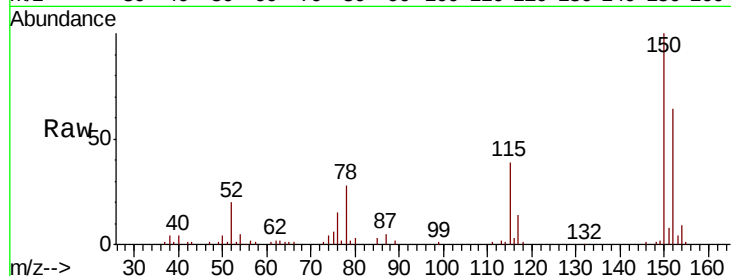
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

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Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.8	190.2
115	61.2	51.6	77.4

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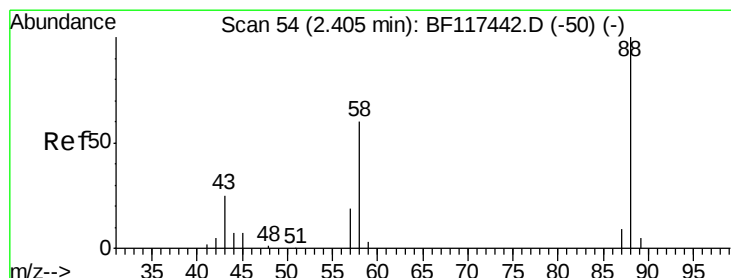
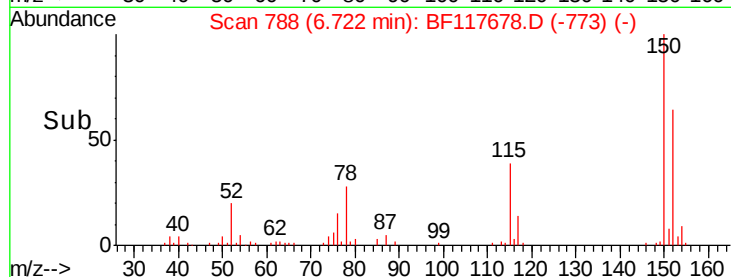
Abundance

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

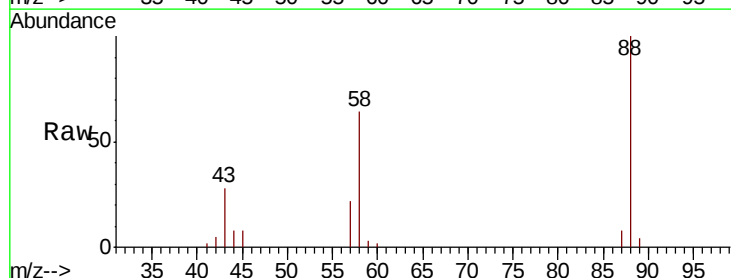
Time-->



#2

1,4-Dioxane
Concen: 35.913 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.16 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.5	48.8	73.2
43	0.0	18.5	27.7#



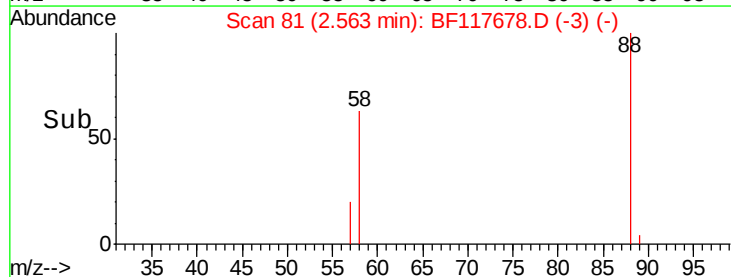
Abundance

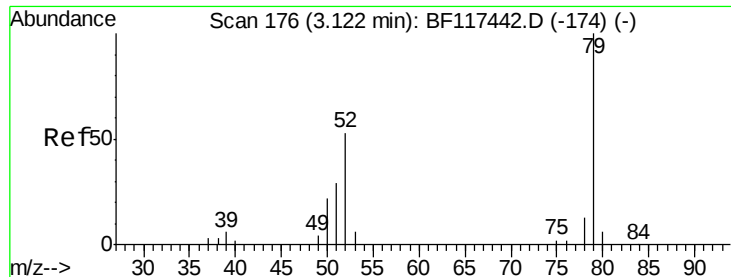
Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

Time-->





#3

Pvridine

Concen: 31.233 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.20 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

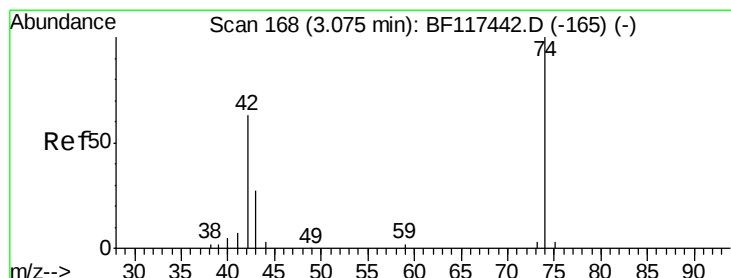
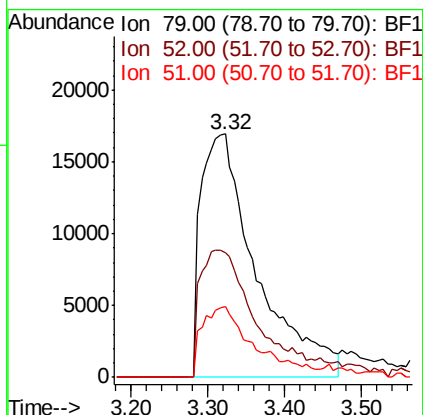
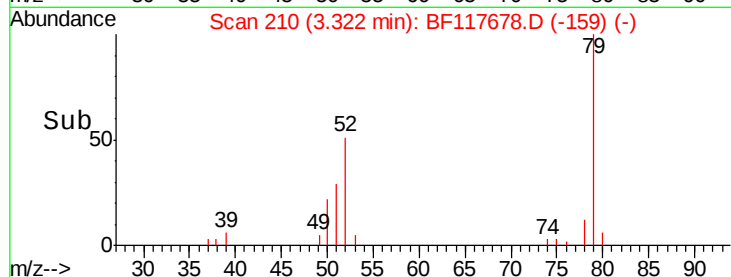
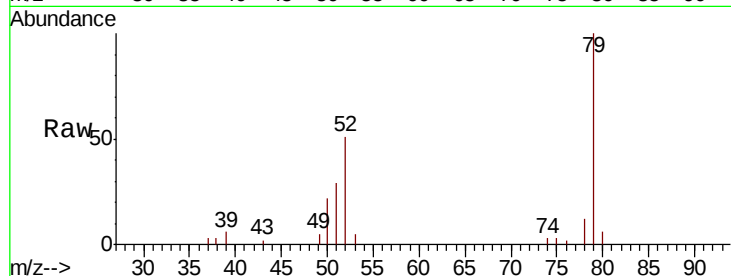
ClientSampleId :

OR-03-102919MSD

Tot Ion:	79	Resp:	85030
Ion	Ratio	Lower	Upper
79	100		
52	51.0	42.4	63.6
51	29.1	23.3	34.9

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#4

n-Nitrosodimethylamine

Concen: 44.735 ng

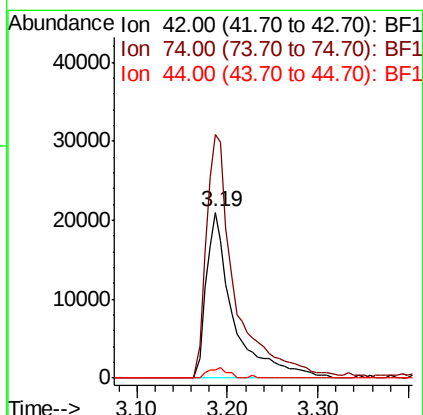
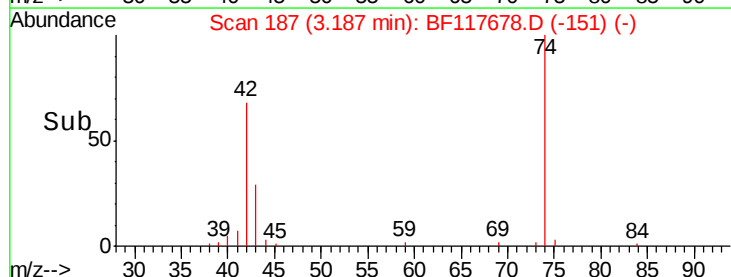
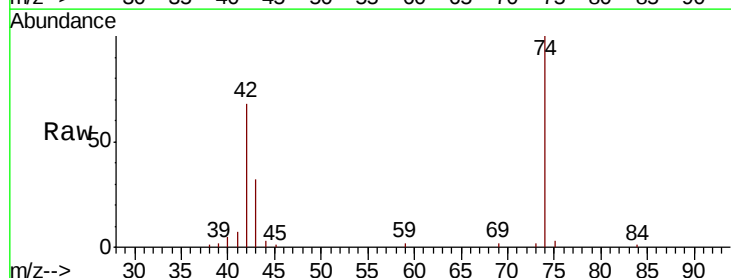
RT: 3.19 min Scan# 187

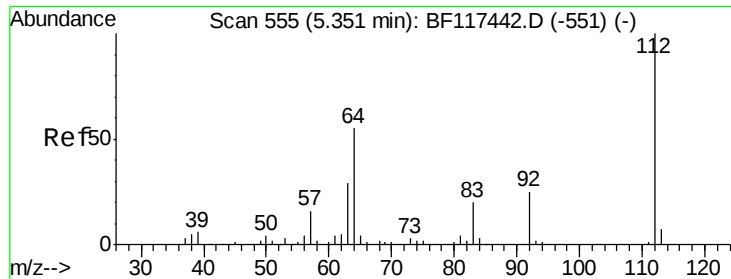
Delta R.T. 0.11 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Tgt Ion:	42	Resp:	44183
Ion	Ratio	Lower	Upper
42	100		
74	147.1	124.2	186.4
44	4.6	4.2	6.4





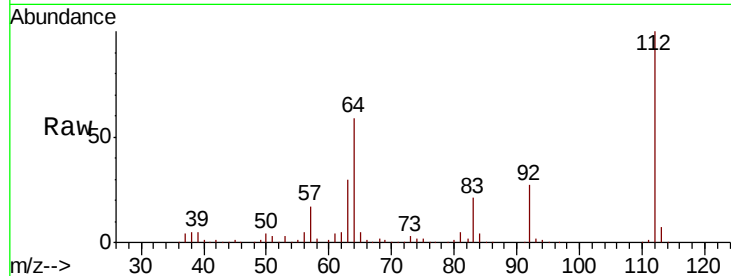
#5
2-Fluorophenol
Concen: 118.689 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

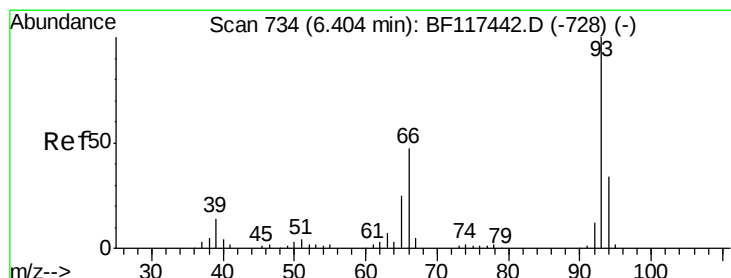
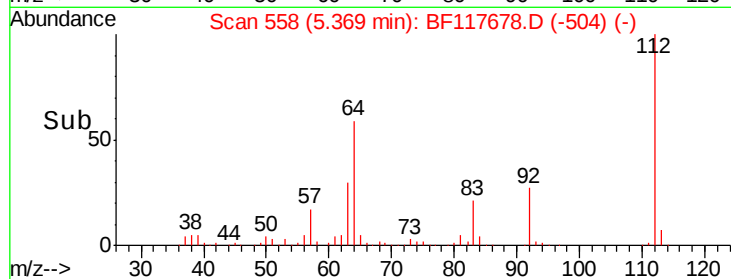
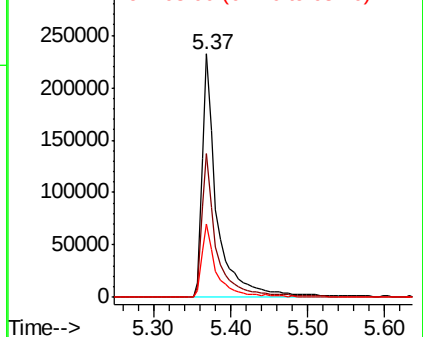
Tot Ion:	112	Resp:	313951
Ion Ratio	Lower	Upper	
112	100		
64	58.8	44.1	66.1
63	30.3	23.4	35.2

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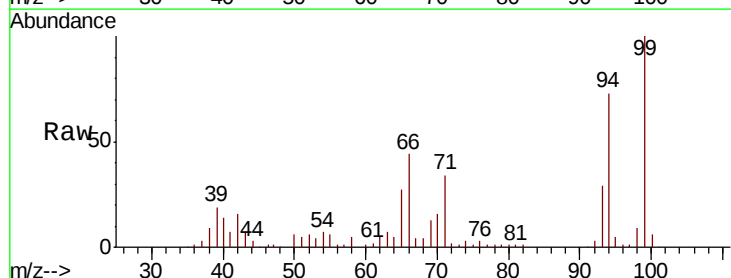


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

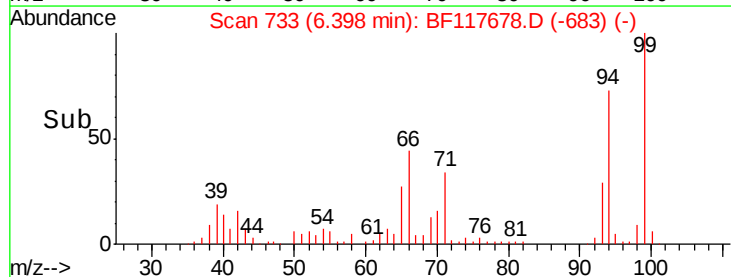
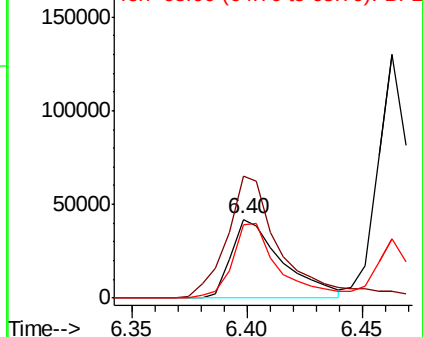


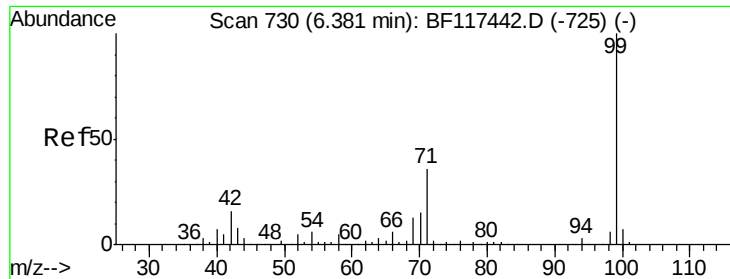
#6
Aniline
Concen: 15.489 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:	93	Resp:	64604
Ion Ratio	Lower	Upper	
93	100		
66	155.6	38.7	58.1#
65	93.5	20.1	30.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.304 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

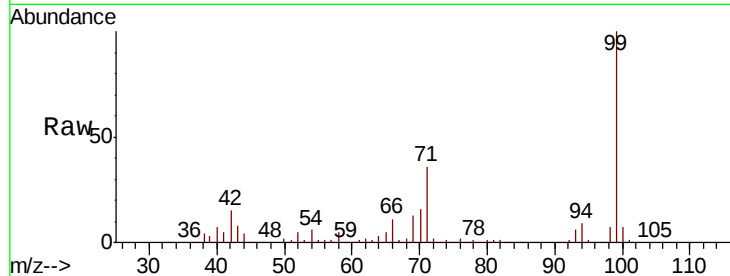
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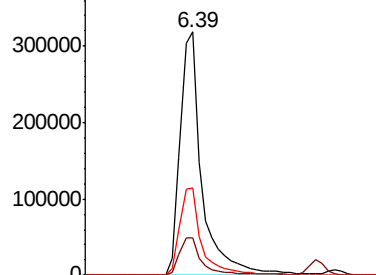
Tot Ion:	99	Resp:	430960
Ion Ratio	Lower	Upper	
99	100		
42	15.3	12.8	19.2
71	35.8	28.6	43.0

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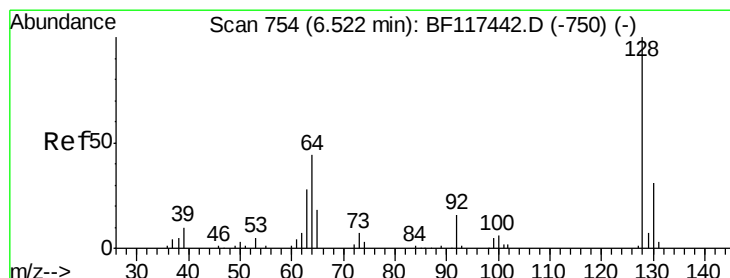
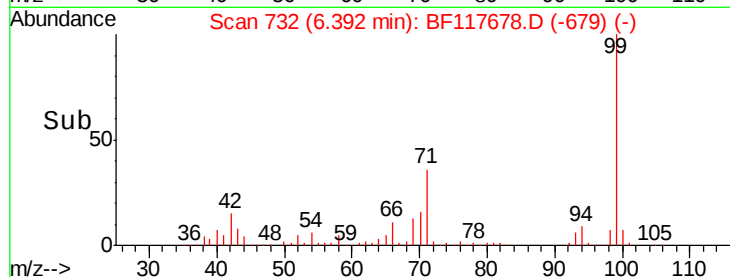
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time--> 6.30 6.40 6.50



#8

2-Chlorophenol

Concen: 43.960 ng

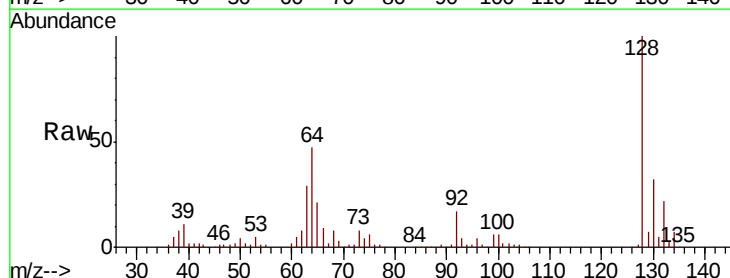
RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

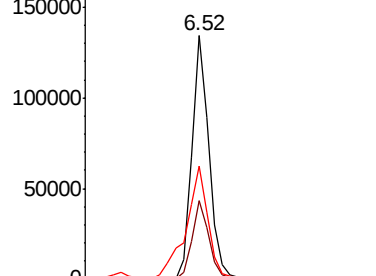
Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

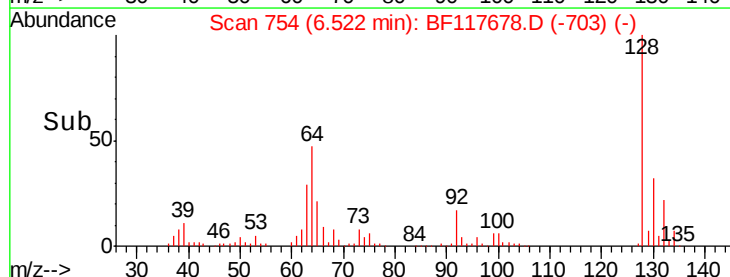
Tgt Ion:	128	Resp:	122702
Ion Ratio	Lower	Upper	
128	100		
130	32.2	11.1	51.1
64	46.6	27.1	67.1

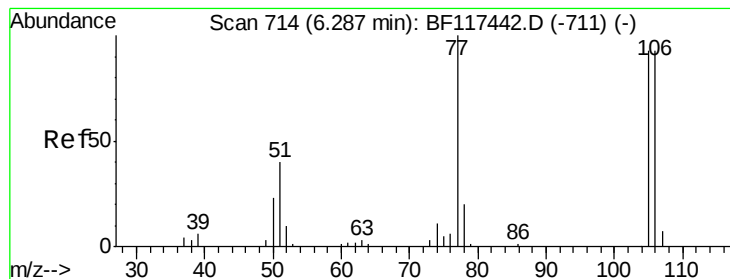


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1



Time--> 6.45 6.50 6.55 6.60





#9

Benzaldehyde

Concen: 26.548 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

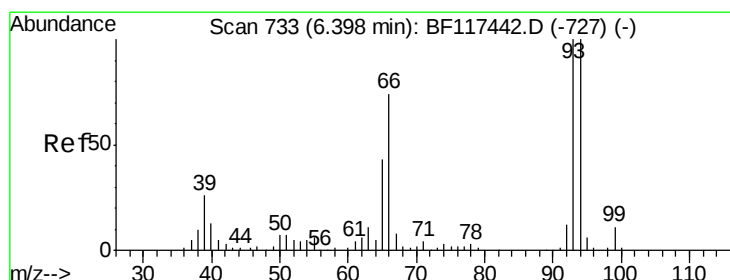
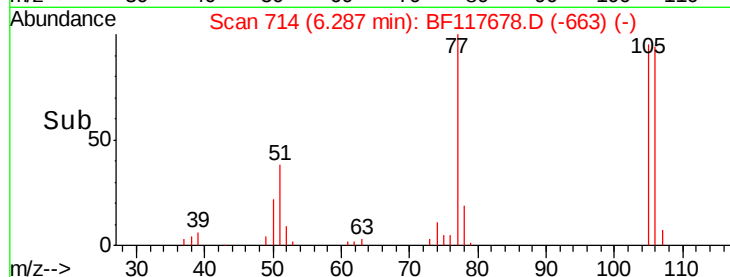
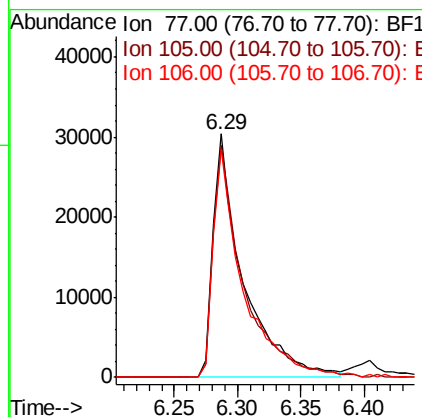
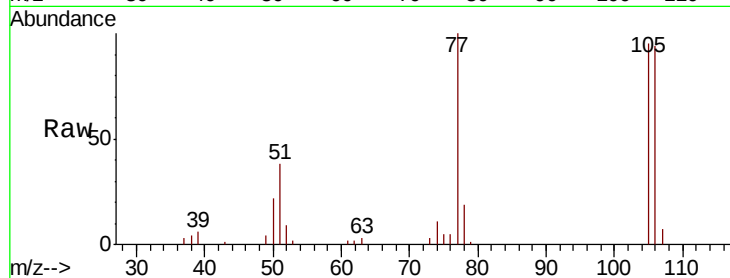
ClientSampleId :

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Tot Ion:	77	Resp:	50333
Ion	Ratio	Lower	Upper
77	100		
105	95.3	73.4	113.4
106	94.0	73.0	113.0

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#10

Phenol

Concen: 41.939 ng

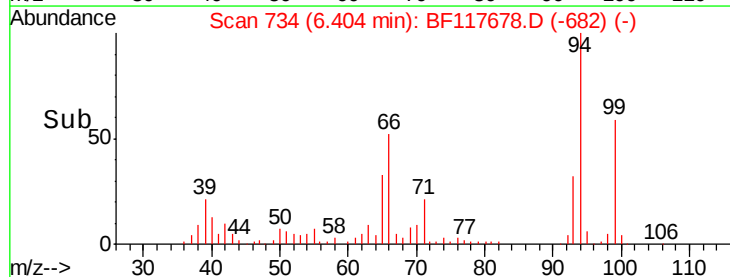
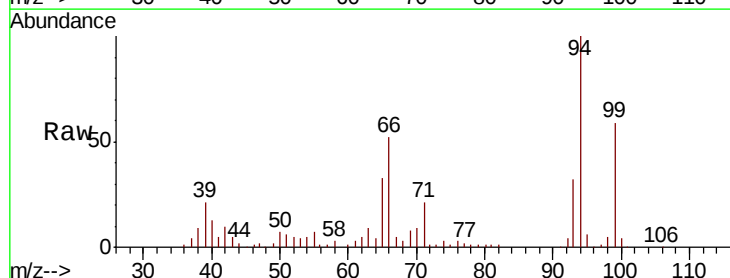
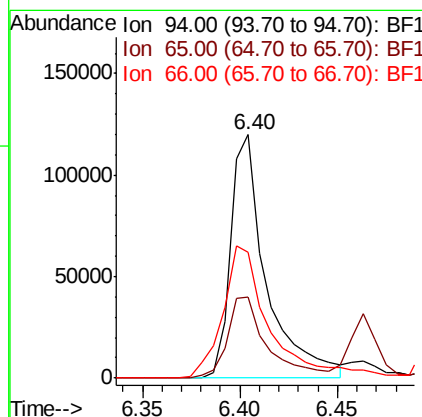
RT: 6.40 min Scan# 734

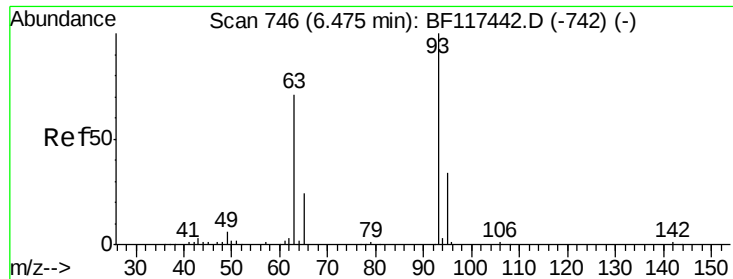
Delta R.T. 0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Tgt Ion:	94	Resp:	152072
Ion	Ratio	Lower	Upper
94	100		
65	33.2	23.4	63.4
66	51.8	54.7	94.7#





#11

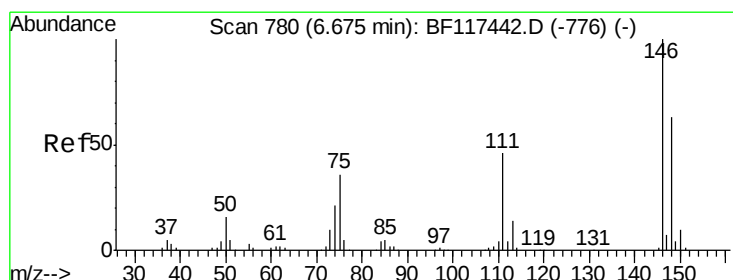
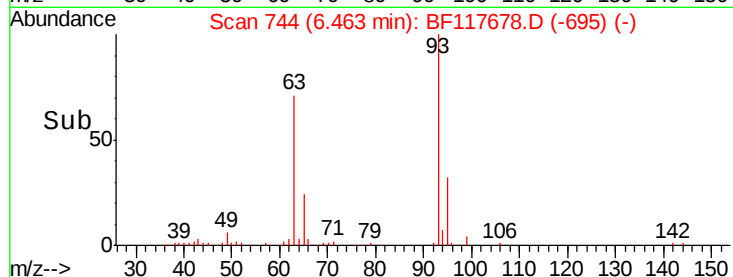
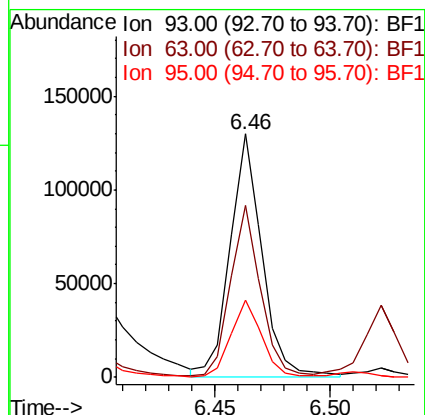
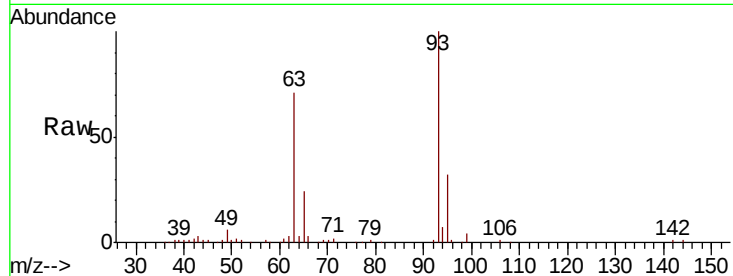
bis(2-Chloroethyl)ether
Concen: 46.354 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion:	93	Resp:	124325
Ion Ratio	Lower	Upper	
93	100		
63	70.8	50.2	90.2
95	31.6	13.9	53.9

Manual Integrations
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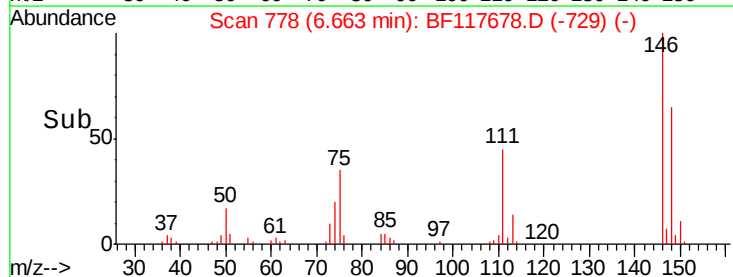
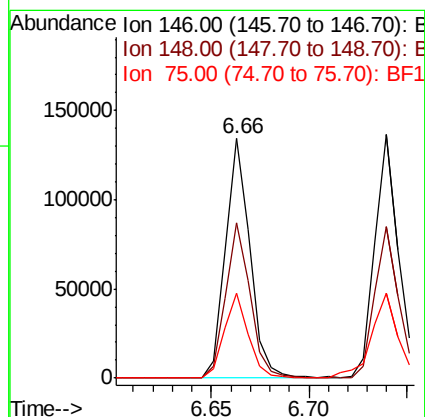
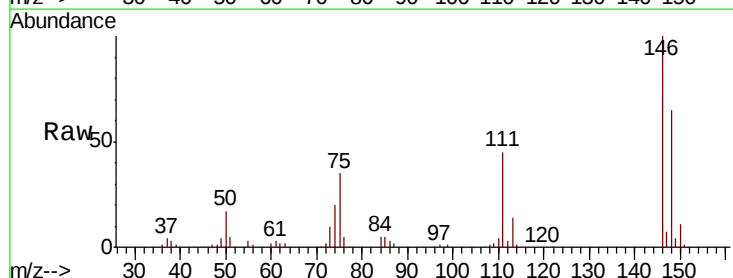
mohammad
11/4/2019 12:50:00 PM

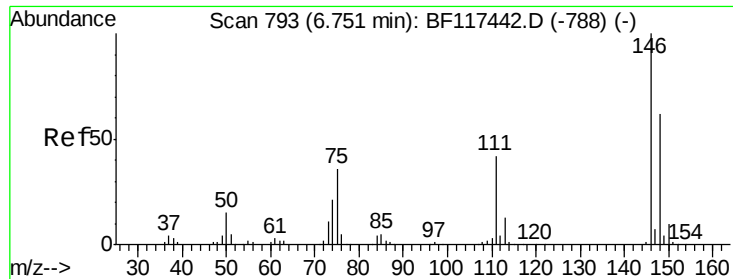


#12

1,3-Dichlorobenzene
Concen: 37.554 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:	146	Resp:	116973
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.6	75.8
75	35.3	28.6	43.0





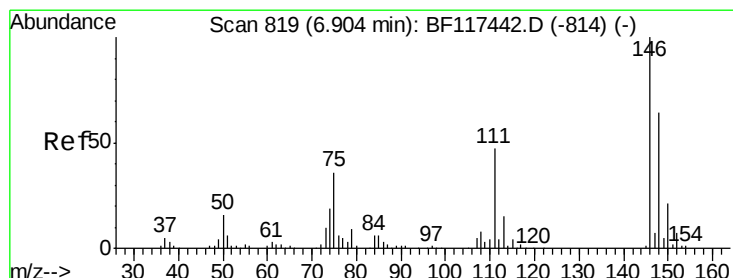
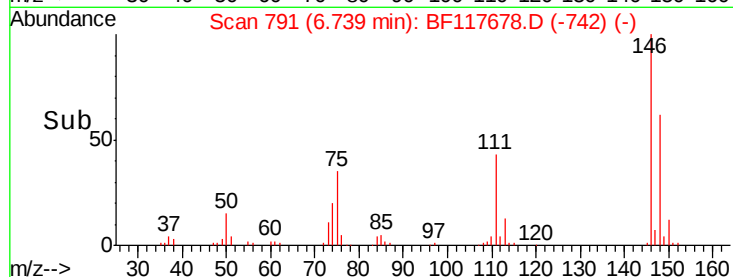
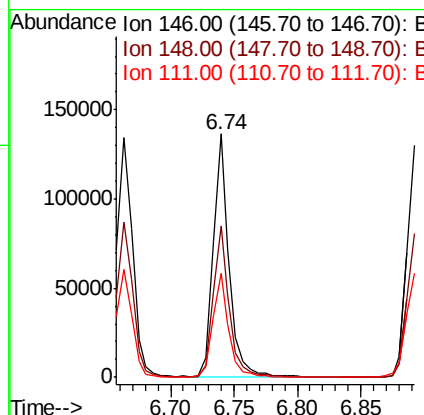
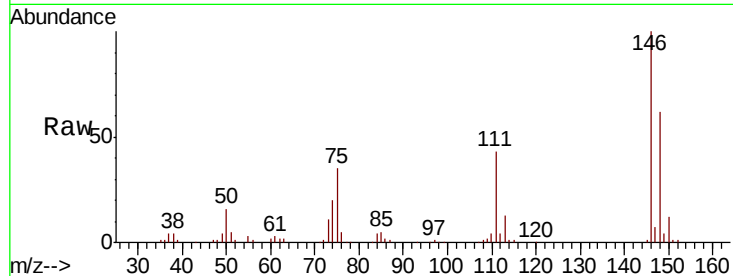
#13
1,4-Dichlorobenzene
Concen: 38.251 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	49.3	73.9
111	42.6	33.6	50.4

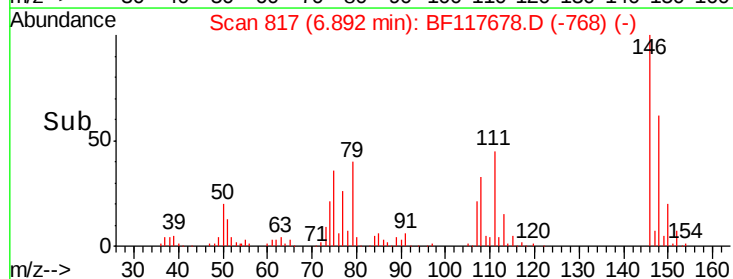
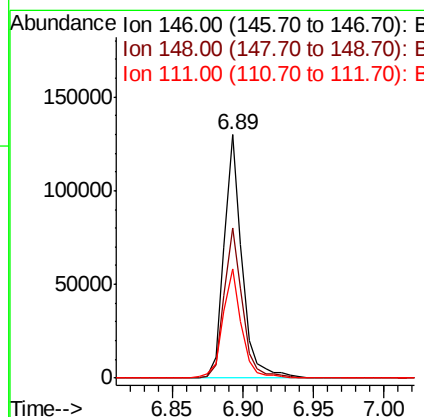
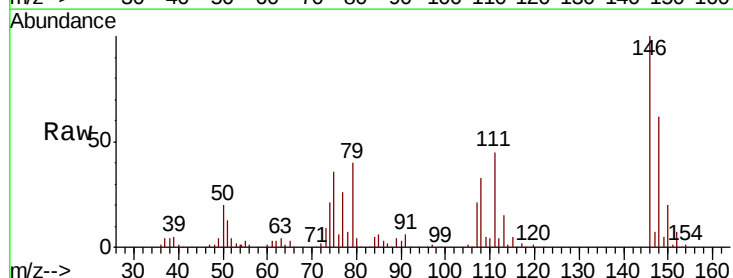
Manual Integrations
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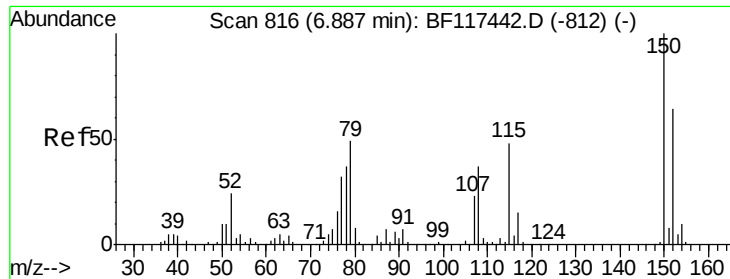
mohammad
11/4/2019 12:50:00 PM



#14
1,2-Dichlorobenzene
Concen: 38.545 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.4	77.0
111	44.7	37.7	56.5





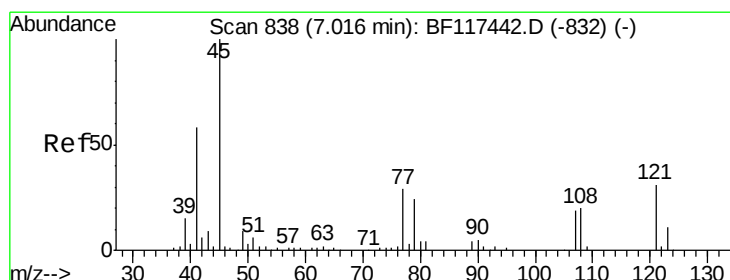
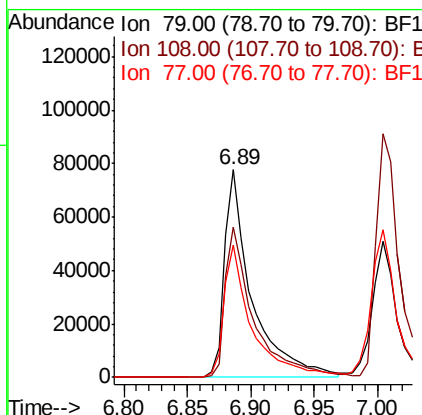
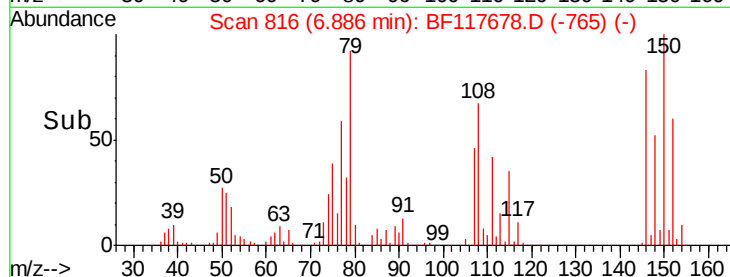
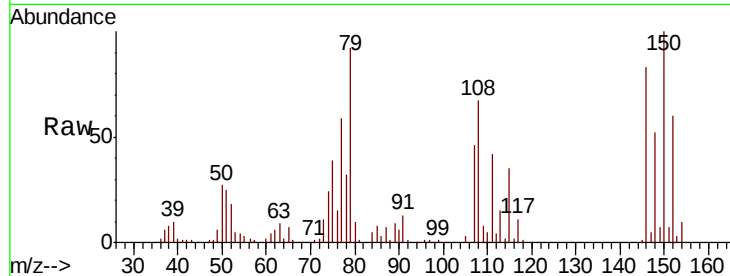
#15
Benzyl Alcohol
Concen: 45.910 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.6	59.8	89.8
77	63.4	51.4	77.0

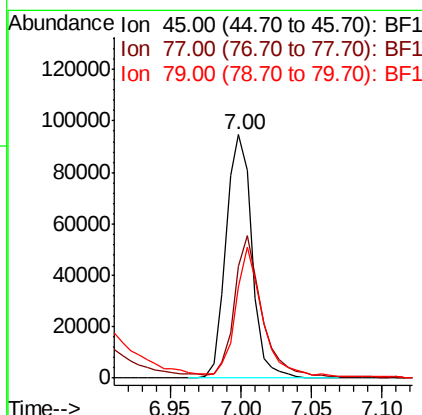
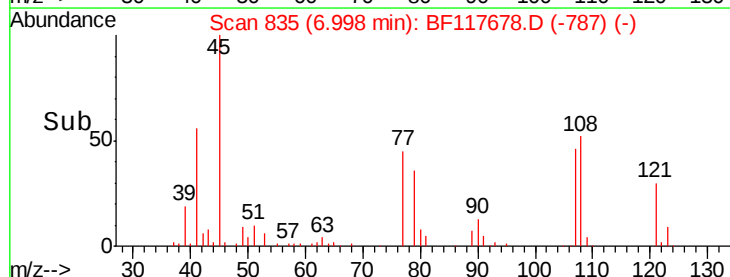
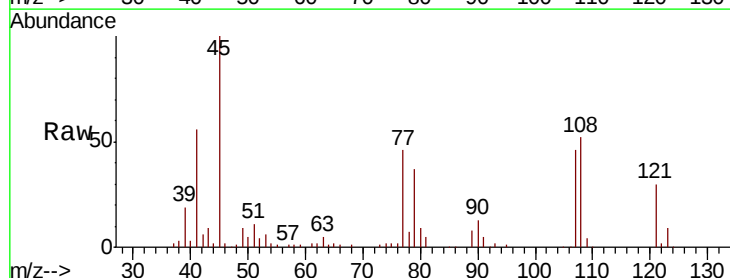
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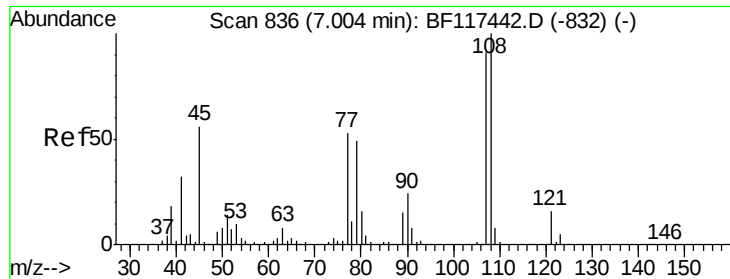
mohammad
11/4/2019 12:50:00 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.672 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	45.7	9.9	49.9
79	37.3	5.5	45.5





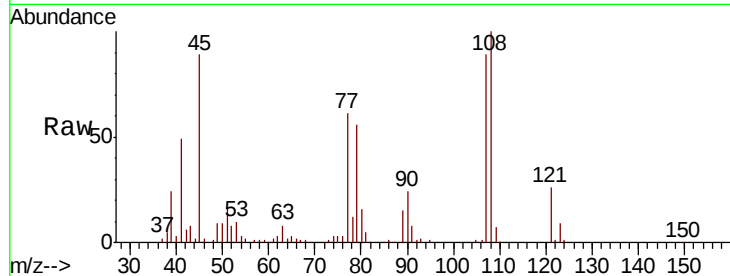
#17
2-Methylphenol
Concen: 45.635 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	88.0	132.0
77	68.3	47.2	70.8
79	62.7	44.1	66.1

Manual Integrations
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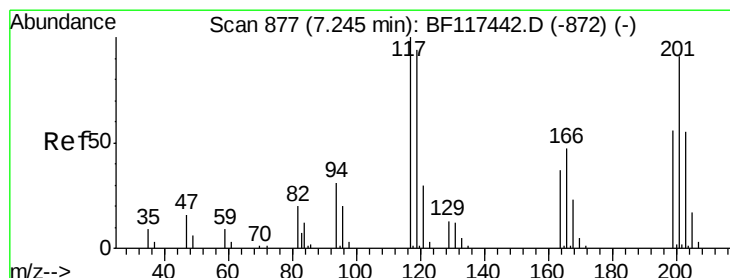
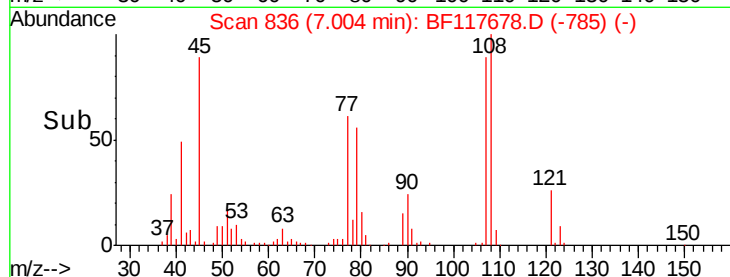
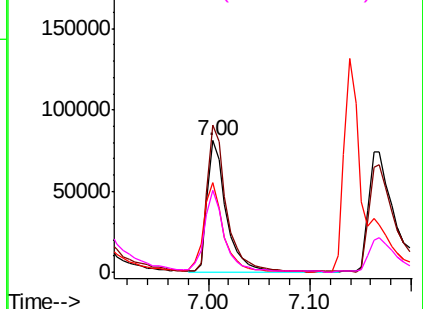
Abundance

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



#18
Hexachloroethane
Concen: 36.509 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

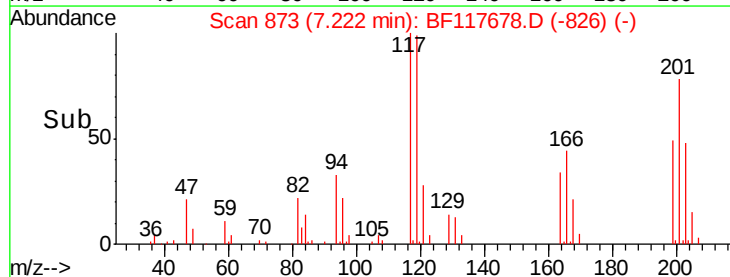
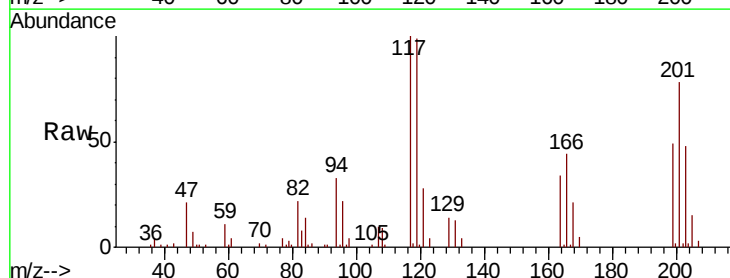
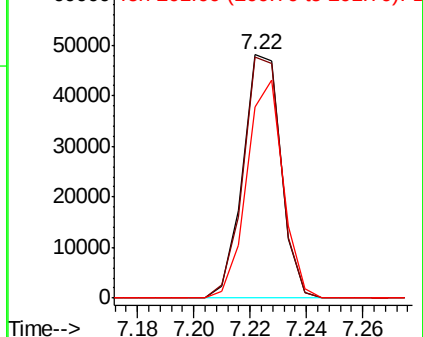
Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.2	75.4	113.0
201	78.3	72.5	108.7

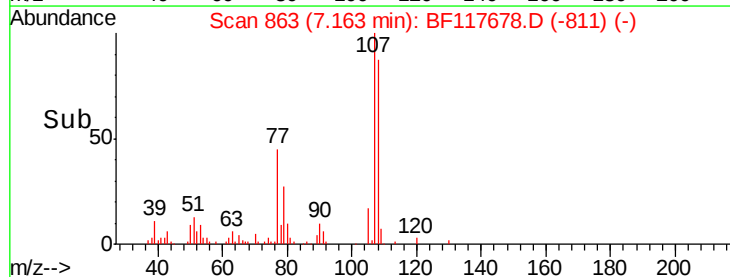
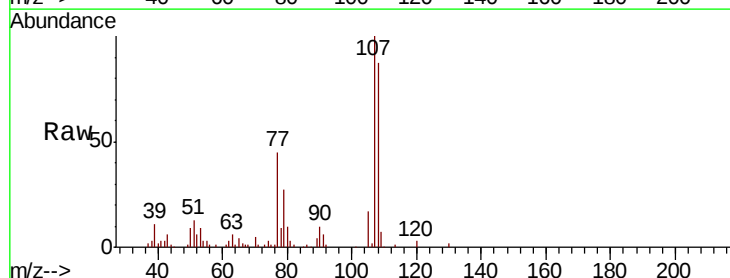
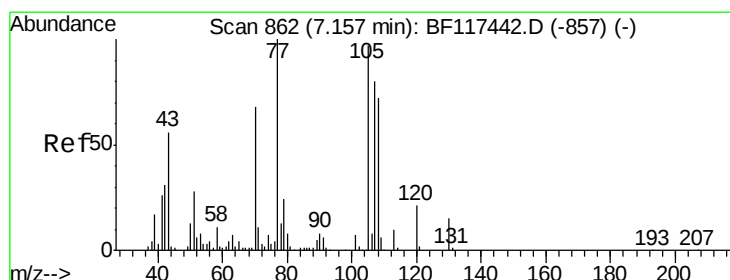
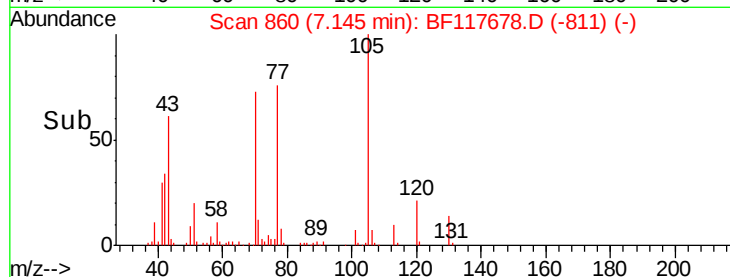
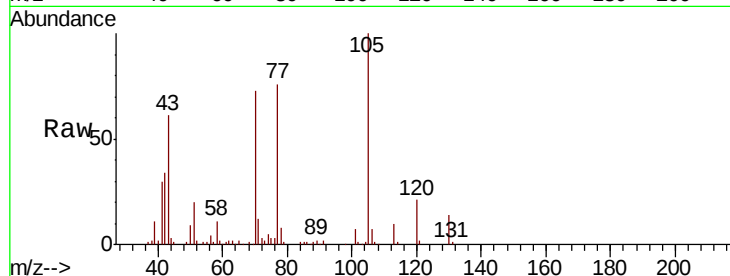
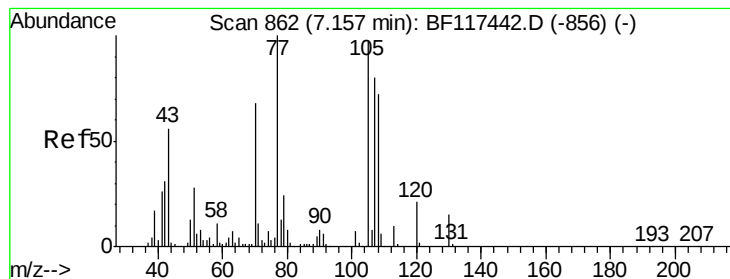
Abundance

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: 44.503 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampleId :

OR-03-102919MSD

Tot Ion: 70 Resp: 96560

Ion Ratio Lower Upper

70 100

42 47.2 36.7 55.1

101 9.3 8.3 12.5

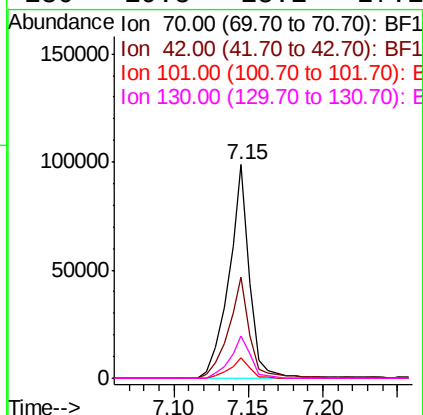
130 19.8 18.1 27.1

Manual Integrations

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#20

3+4-Methylphenols

Concen: 45.719 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Tgt Ion: 107 Resp: 137635

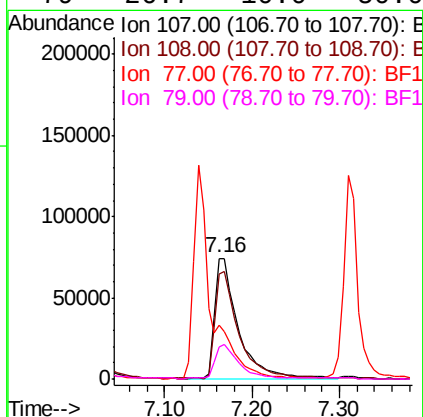
Ion Ratio Lower Upper

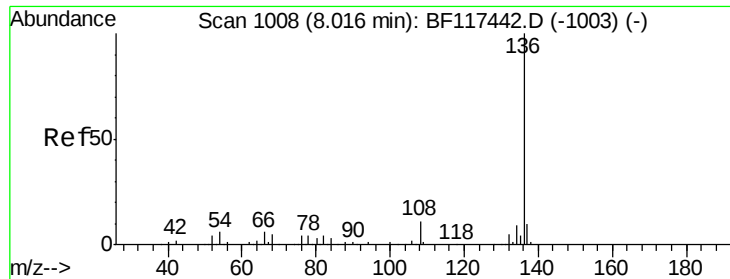
107 100

108 87.4 70.3 110.3

77 44.8 104.8 144.8#

79 26.7 10.0 50.0





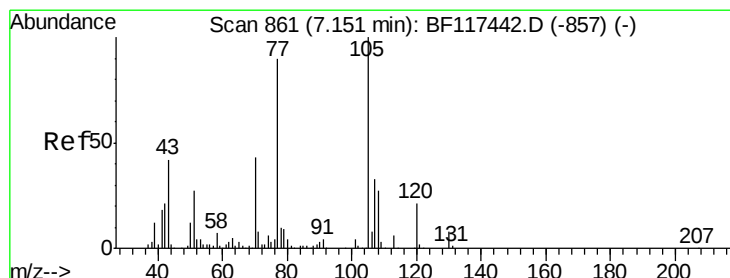
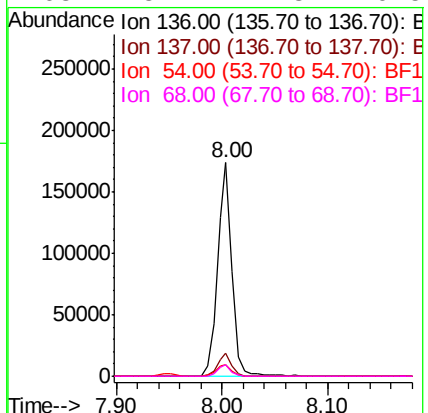
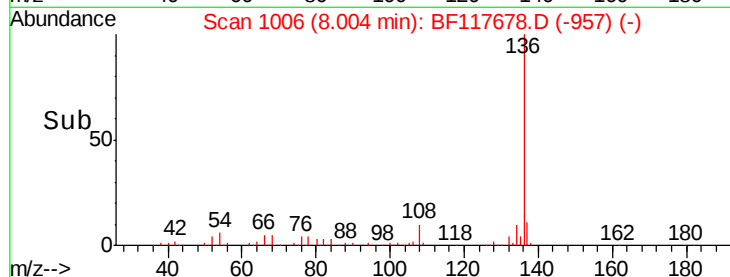
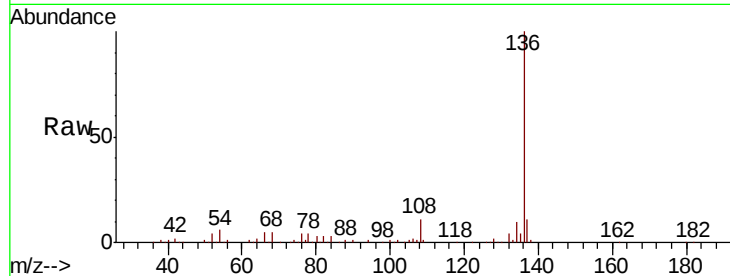
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		165400		
137	10.7	8.2	12.4		
54	5.7	4.5	6.7		
68	5.4	4.3	6.5		

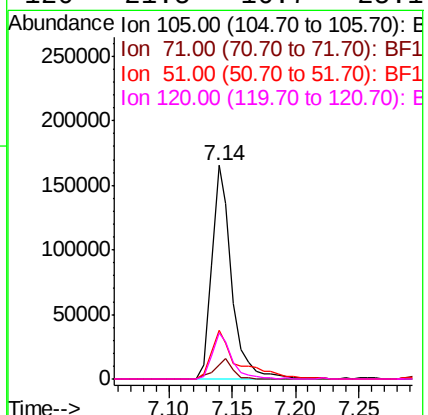
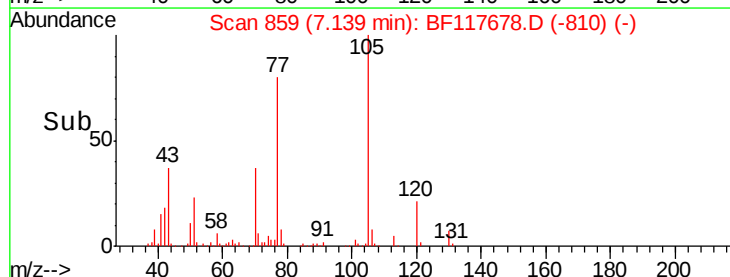
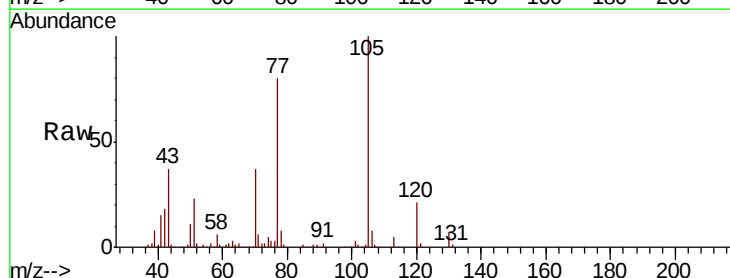
Manual Integrations
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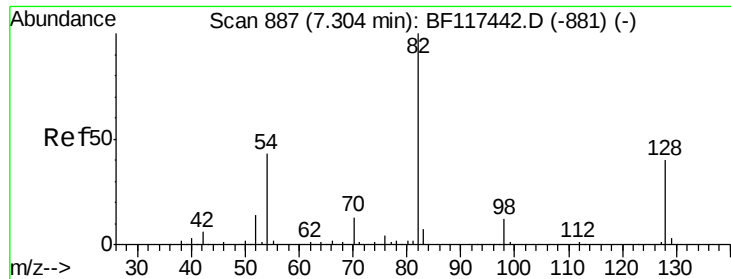
mohammad
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#22
Acetophenone
Concen: 41.678 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		183050		
71	6.4	6.2	9.2		
51	22.7	21.8	32.6		
120	21.5	16.7	25.1		





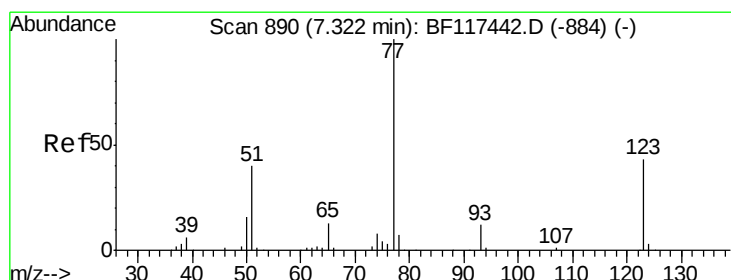
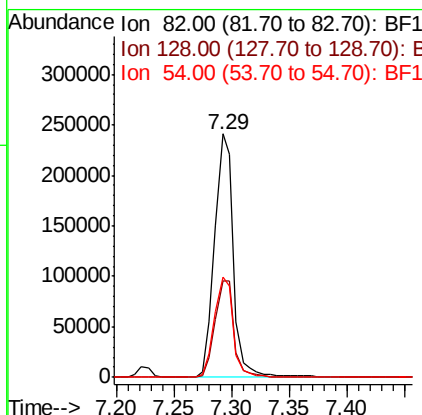
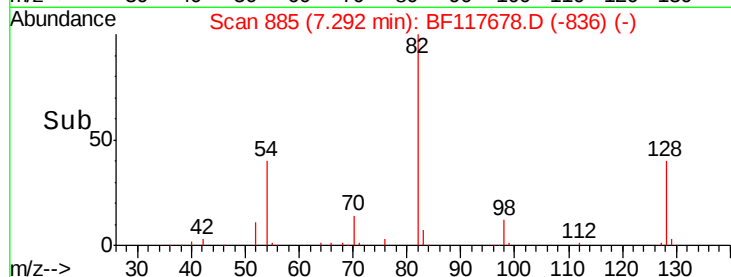
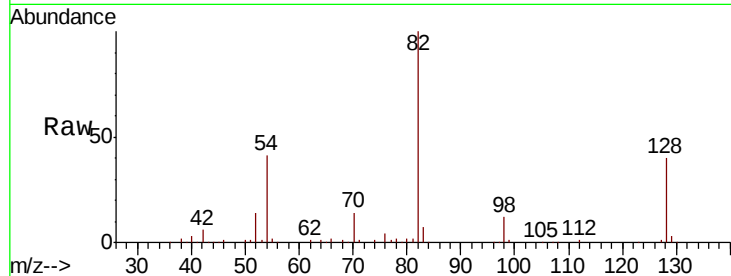
#23
 Nitrobenzene-d5
 Concen: 81.323 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF117678.D
 Acq: 1 Nov 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	32.2	48.2
54	41.4	34.2	51.2

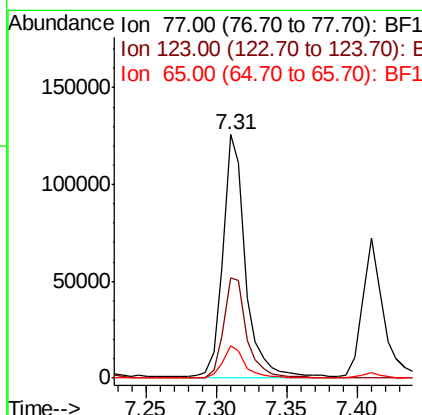
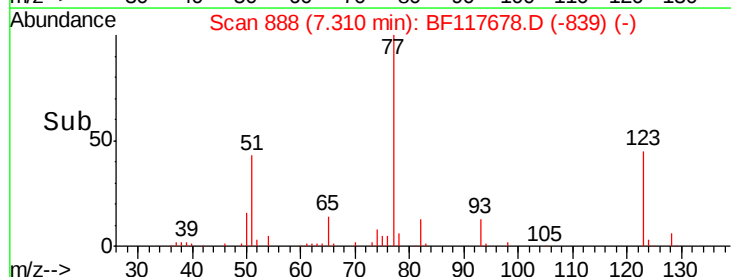
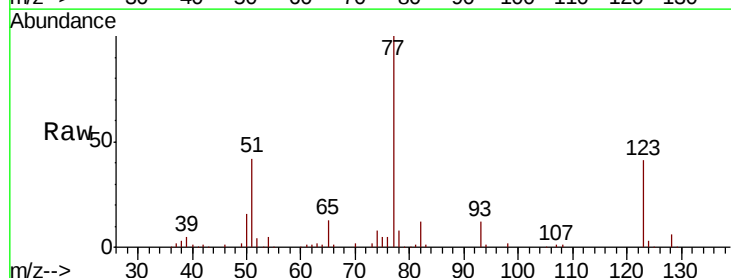
Manual Integrations
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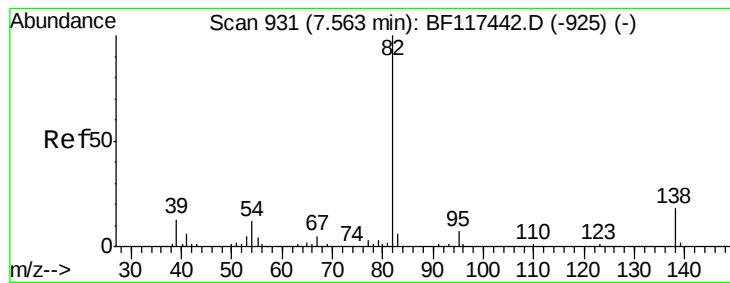
mohammad
 11/4/2019 12:50:00 PM



#24
 Nitrobenzene
 Concen: 43.433 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF117678.D
 Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.4	34.2	51.2
65	13.3	10.3	15.5





#25

Isophorone

Concen: 45.490 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampleId :

OR-03-102919MSD

Tot Ion: 82 Resp: 263655

Ion Ratio Lower Upper

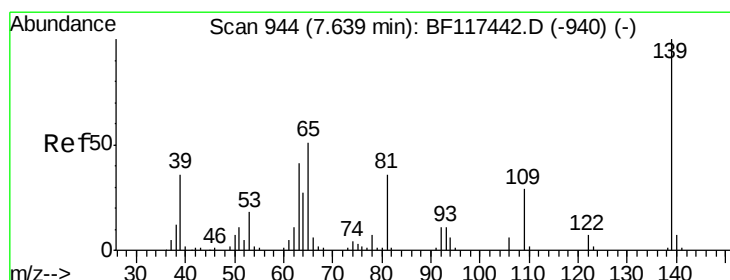
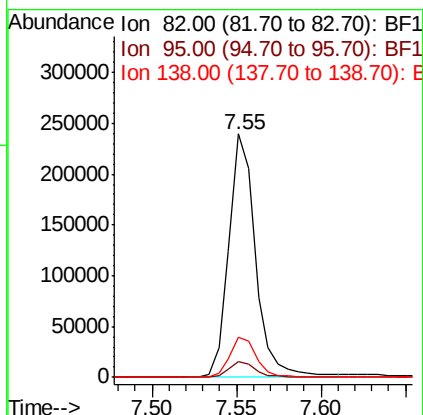
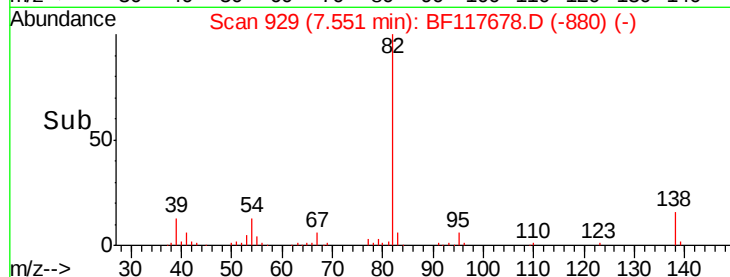
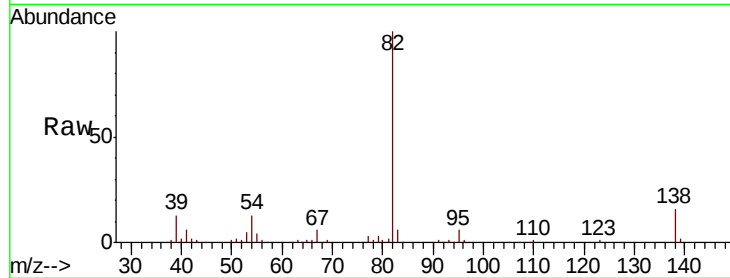
82 100

95 6.4 5.4 8.0

138 16.4 14.2 21.2

Manual Integrations
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mohammad
11/4/2019 12:50:00 PM



#26

2-Nitrophenol

Concen: 45.771 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

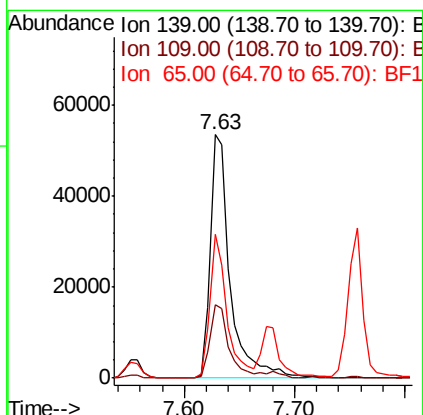
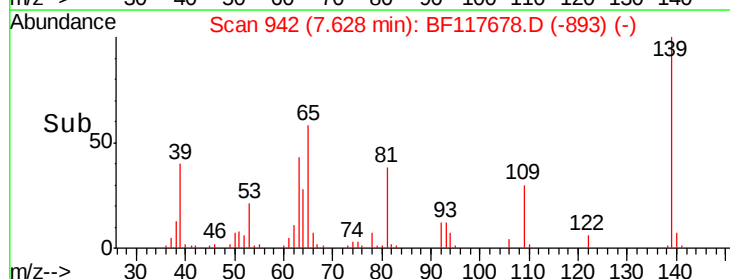
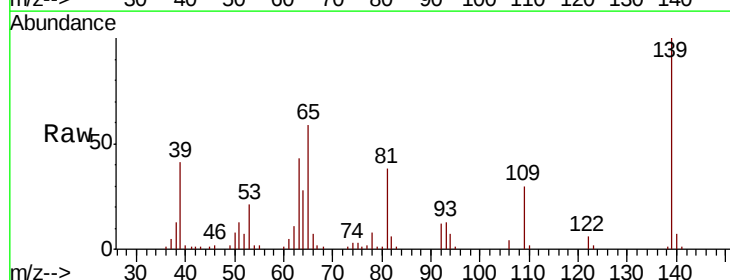
Tgt Ion: 139 Resp: 65508

Ion Ratio Lower Upper

139 100

109 29.9 23.2 34.8

65 59.2 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 52.242 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

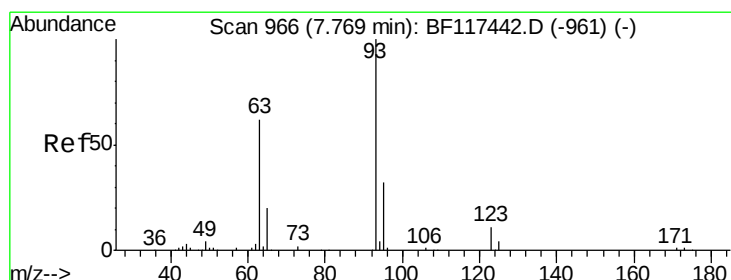
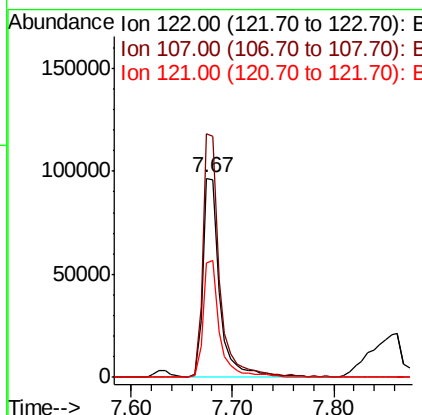
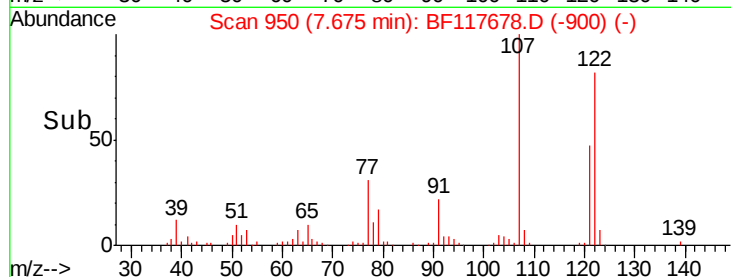
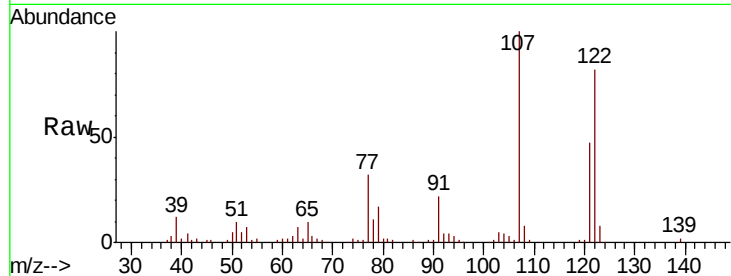
ClientSampleId :

OR-03-102919MSD

Tot Ion:	122	Resp:	111740
Ion Ratio	Lower	Upper	
122	100		
107	122.3	96.8	145.2
121	57.5	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 42.820 ng

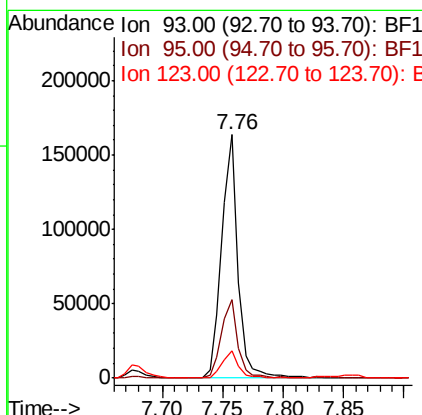
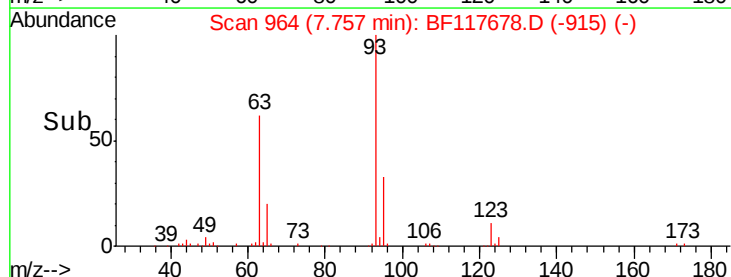
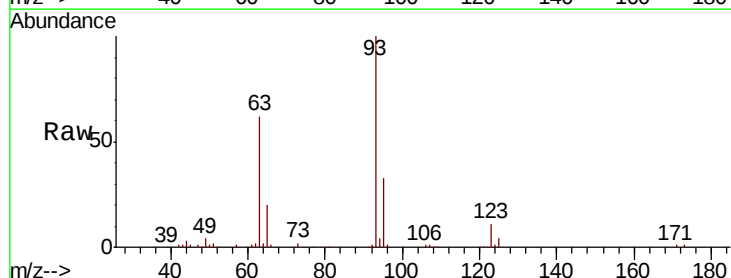
RT: 7.76 min Scan# 964

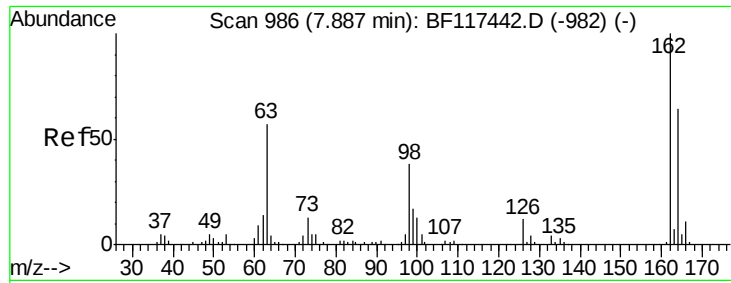
Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Tgt Ion:	93	Resp:	153140
Ion Ratio	Lower	Upper	
93	100		
95	32.5	25.5	38.3
123	11.2	9.0	13.6





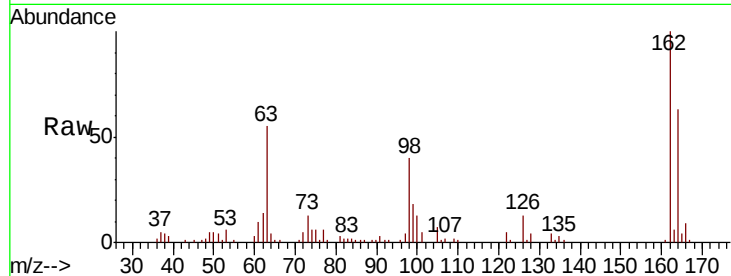
#29
2,4-Dichlorophenol
Concen: 44.974 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

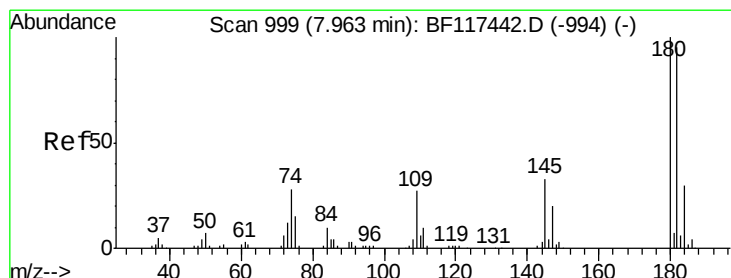
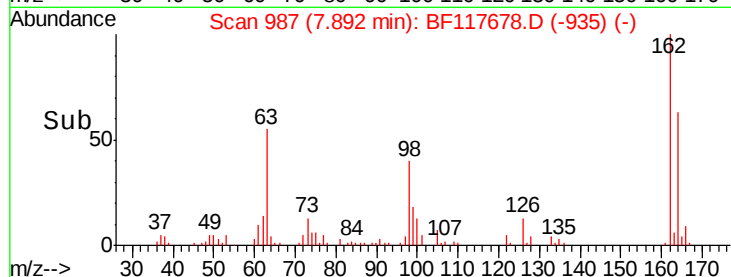
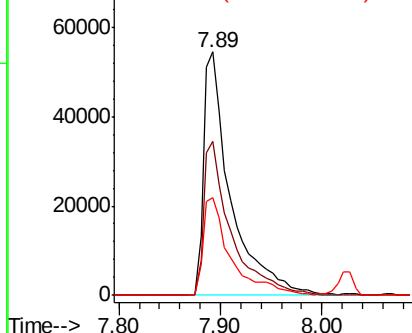
Tot Ion:	162	Resp:	100897
Ion Ratio	Lower	Upper	
162	100		
164	63.2	44.4	84.4
98	40.3	18.2	58.2

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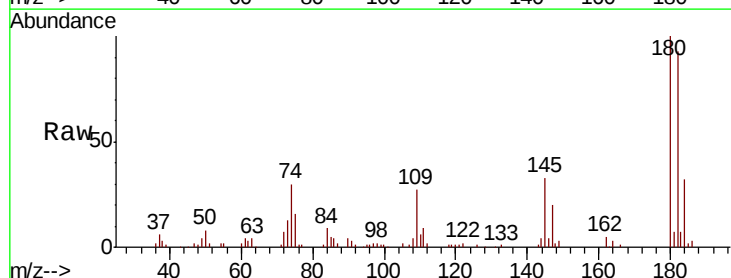


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

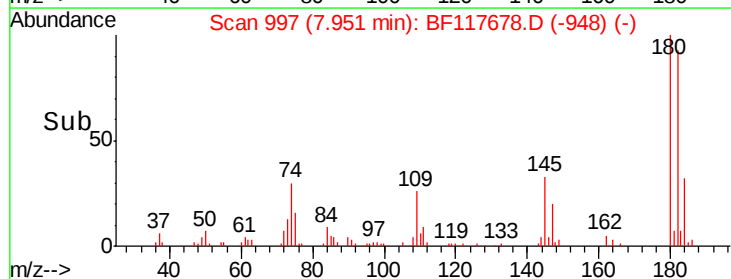
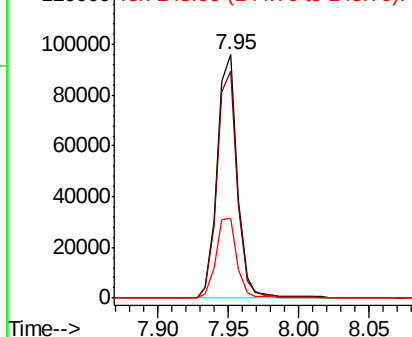


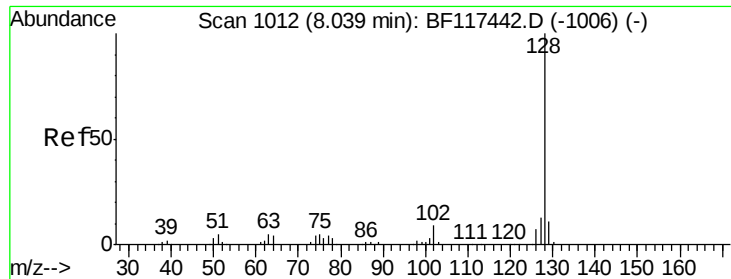
#30
1,2,4-Trichlorobenzene
Concen: 39.922 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:	180	Resp:	96112
Ion Ratio	Lower	Upper	
180	100		
182	93.5	75.8	113.8
145	32.7	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





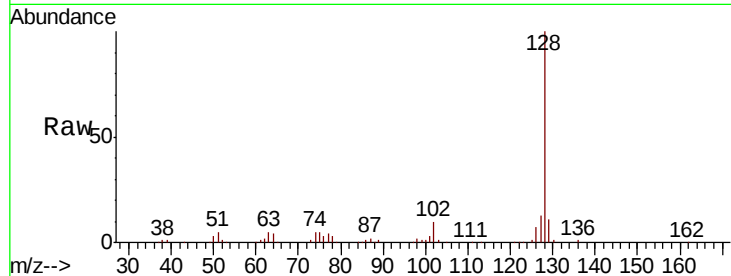
#31
Naphthalene
Concen: 42.973 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.6	9.0	13.4	
127	13.0	10.2	15.2	

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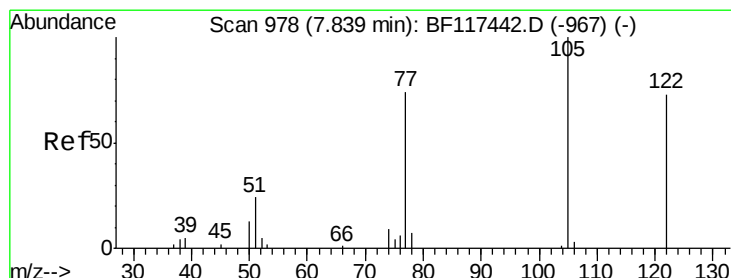
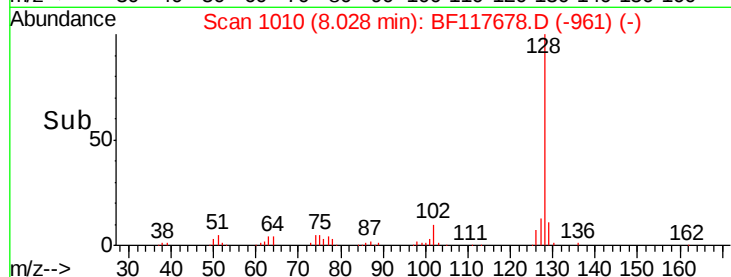
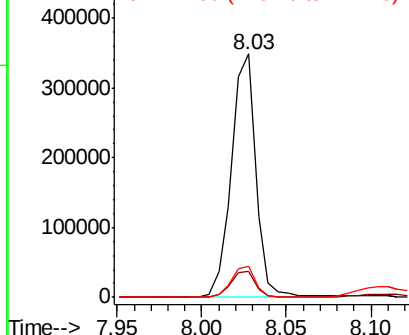


Abundance

Ion 128.00 (127.70 to 128.70): E

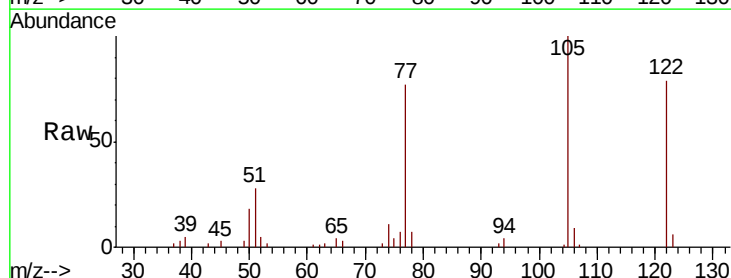
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.838 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.02 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	126.9	115.0	155.0	
77	97.6	79.7	119.7	

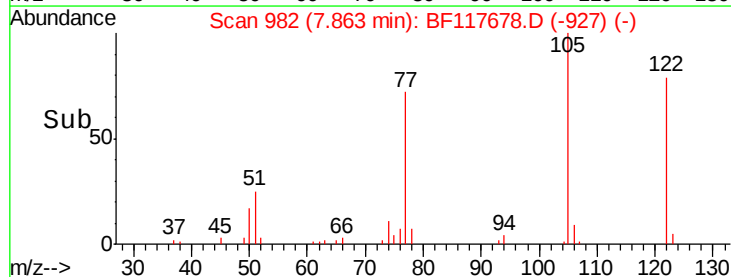
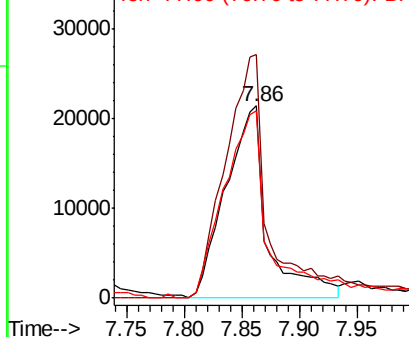


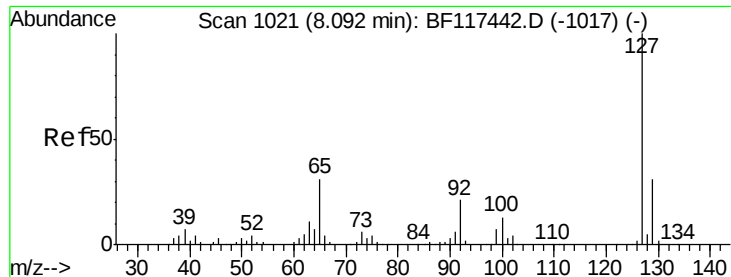
Abundance

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





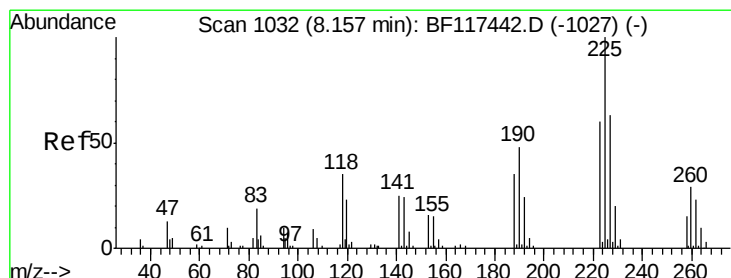
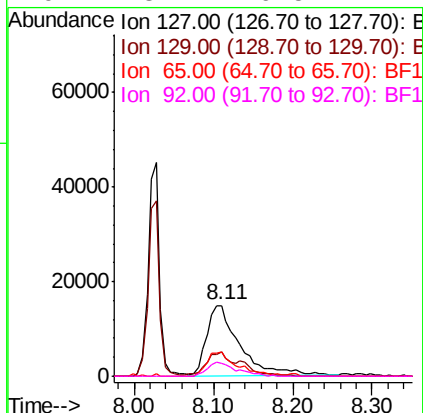
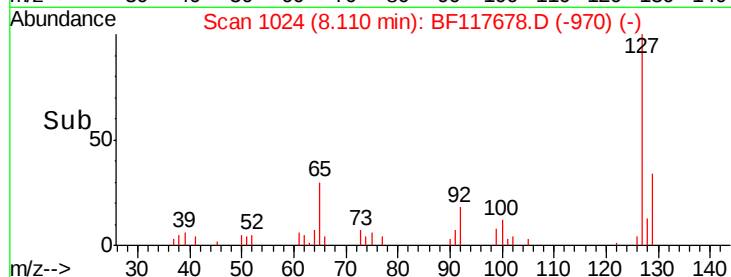
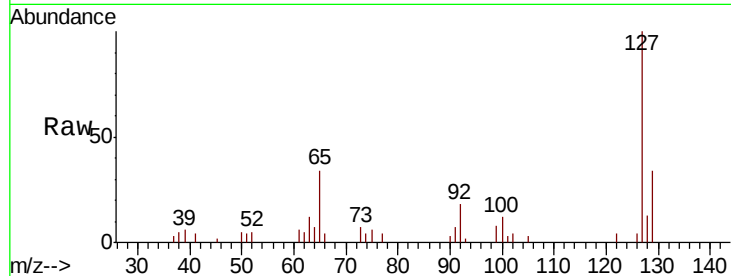
#33
4-Chloroaniline
Concen: 12.167 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.02 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.3	24.8	37.2
65	33.7	24.6	37.0
92	18.1	16.5	24.7

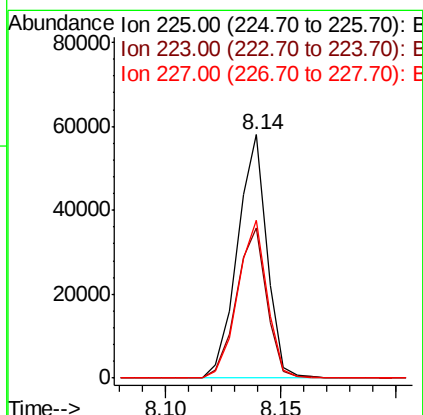
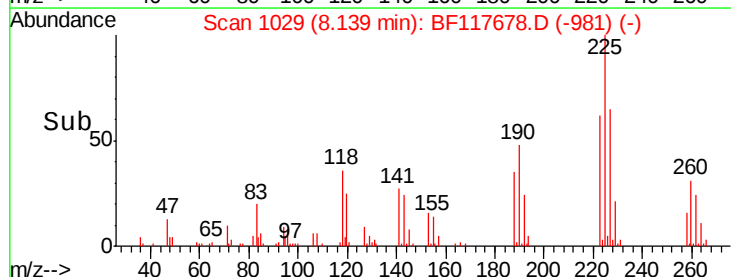
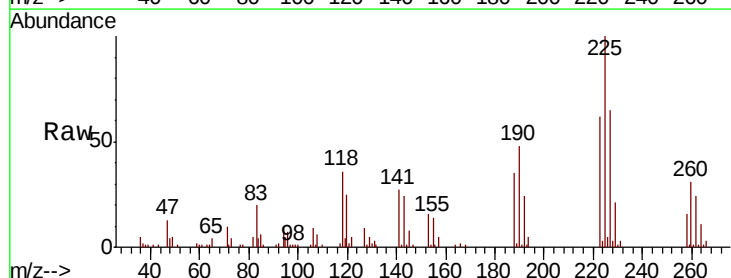
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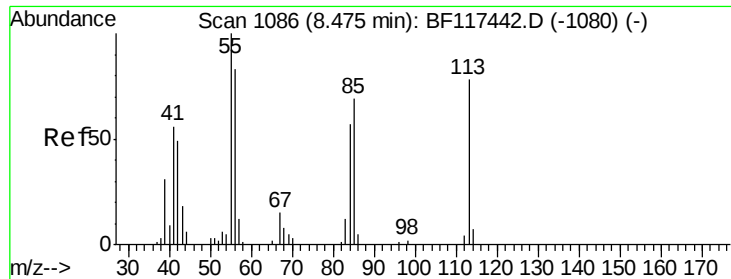
mohammad
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#34
Hexachlorobutadiene
Concen: 37.089 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	48.2	72.4
227	64.6	50.2	75.4





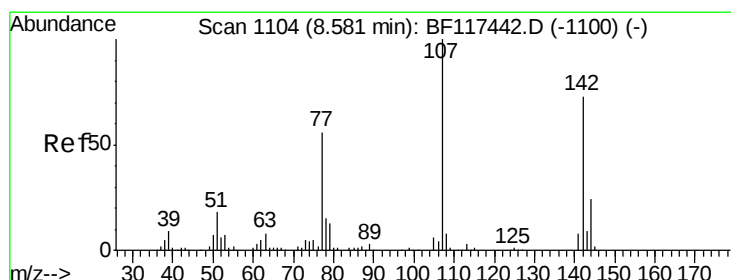
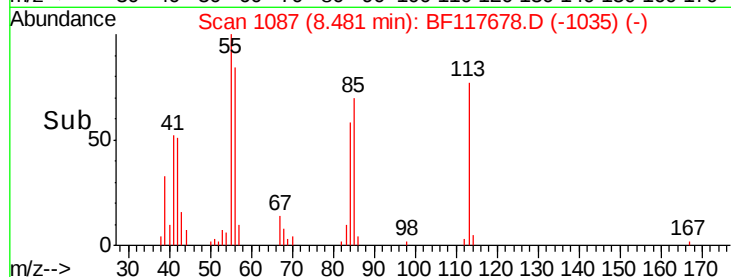
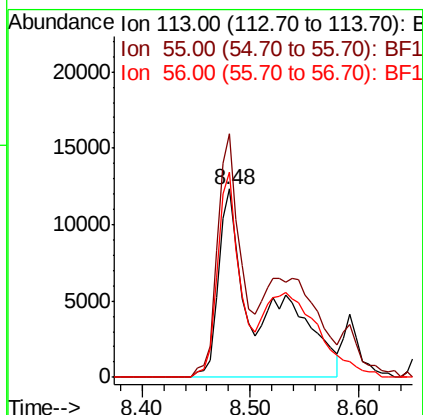
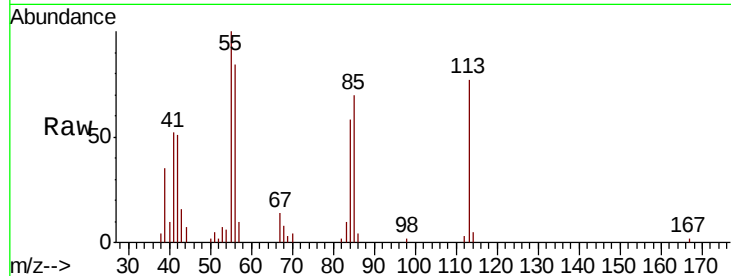
#35
Caprolactam
Concen: 47.881 ng/ml
RT: 8.48 min Scan# 1087
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	129.2	108.8	148.8	
56	108.8	87.2	127.2	

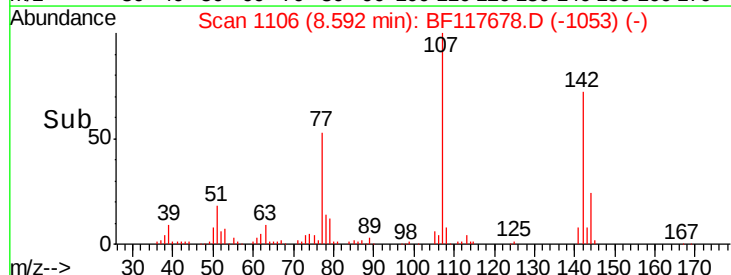
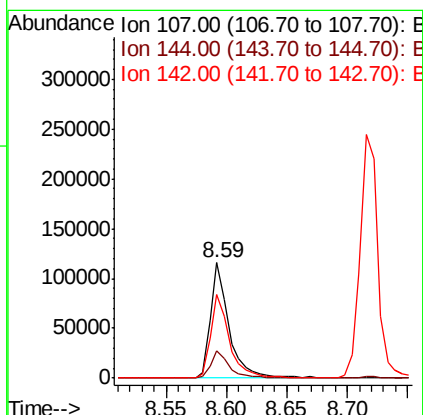
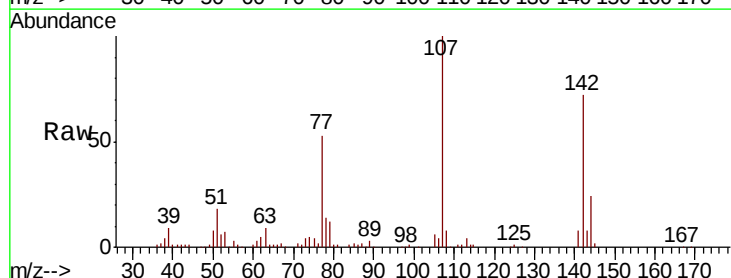
Manual Integrations
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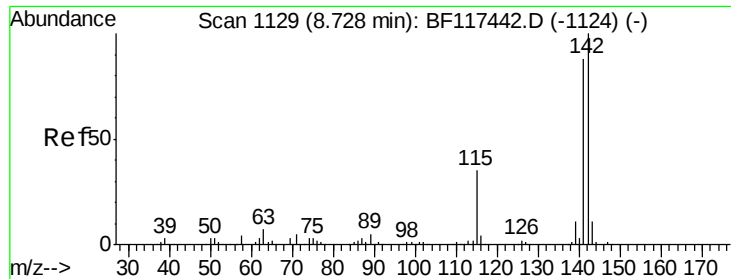
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 48.073 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	23.9	18.9	28.3	
142	72.5	58.6	88.0	





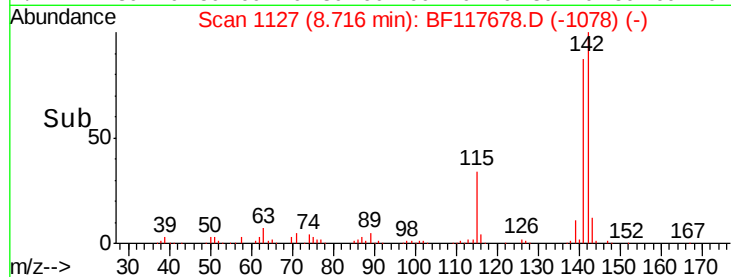
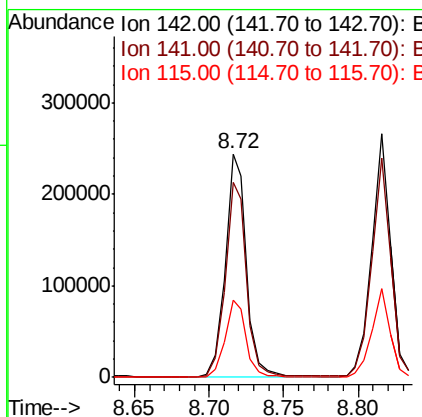
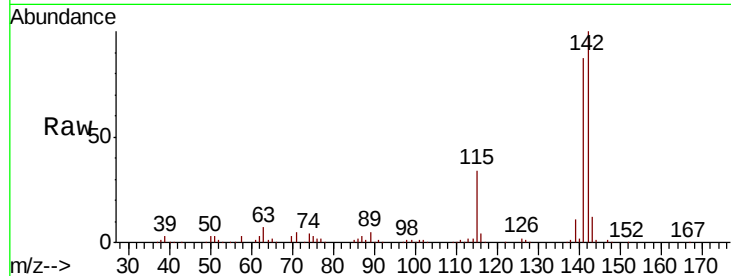
#37
2-Methylnaphthalene
Concen: 44.598 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.3	105.5
115	34.5	28.2	42.2

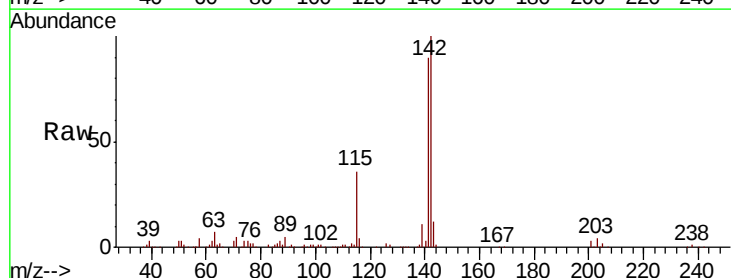
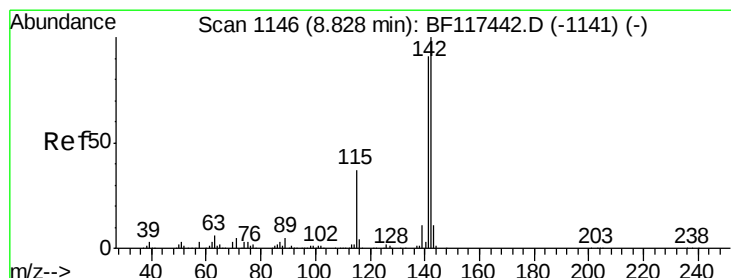
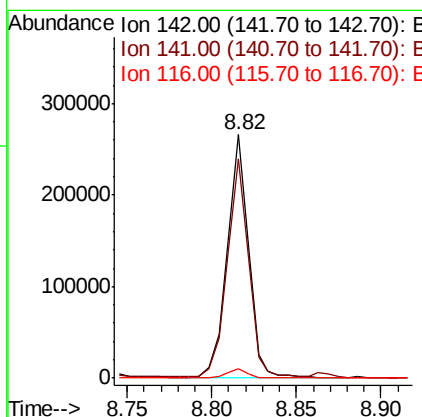
Manual Integrations
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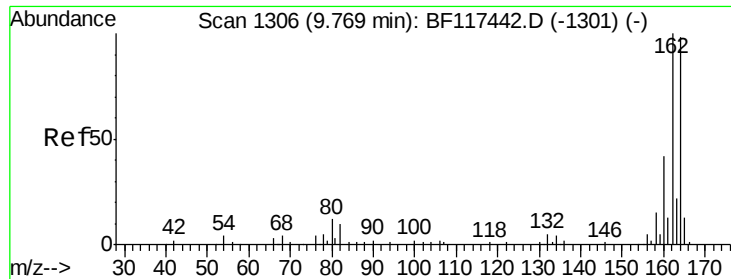
mohammad
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#38
1-Methylnaphthalene
Concen: 44.561 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.3	109.9
116	4.0	3.1	4.7





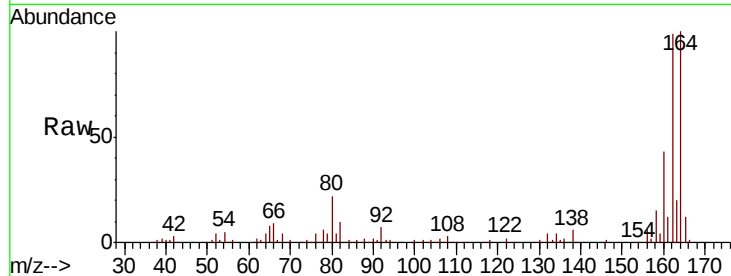
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.8	81.8	122.6
160	42.7	34.4	51.6

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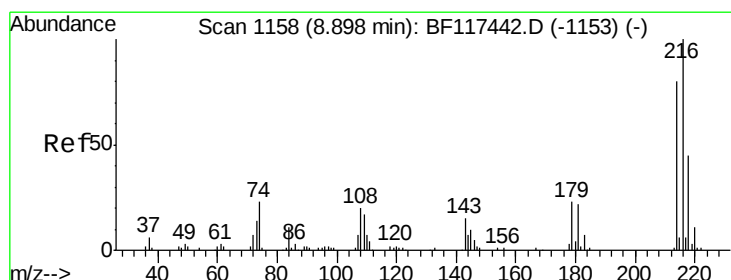
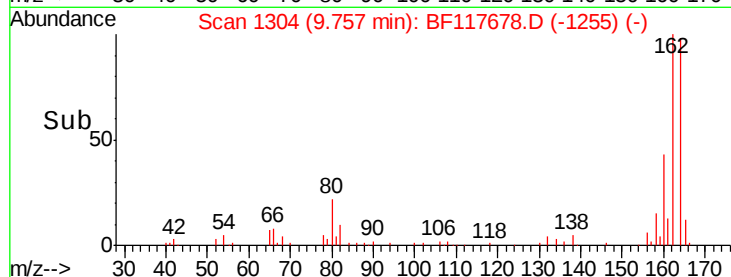
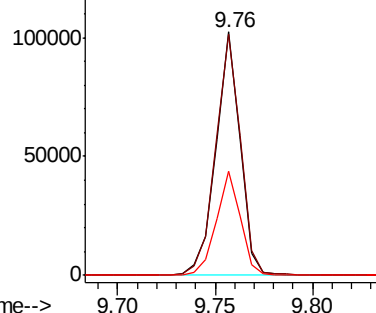


Abundance

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



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.480 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.4	93.6
179	23.0	18.1	27.1
108	21.2	16.6	24.8

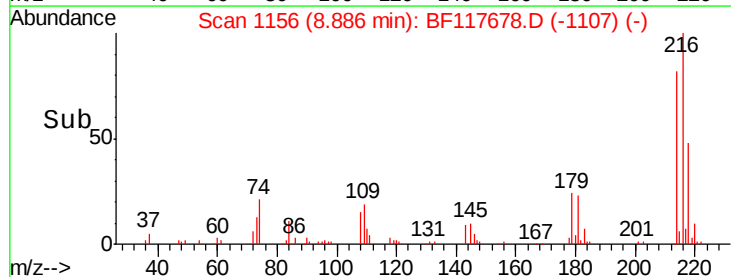
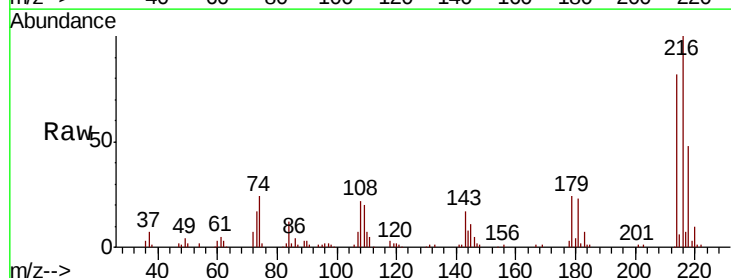
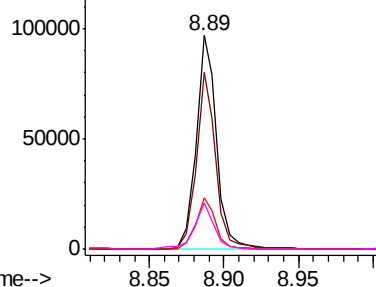
Abundance

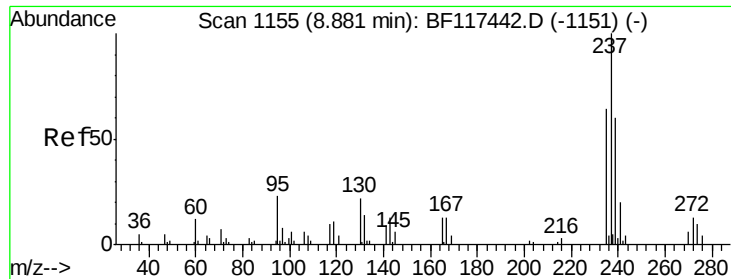
Ion 216.00 (215.70 to 216.70): E

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: 48.314 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

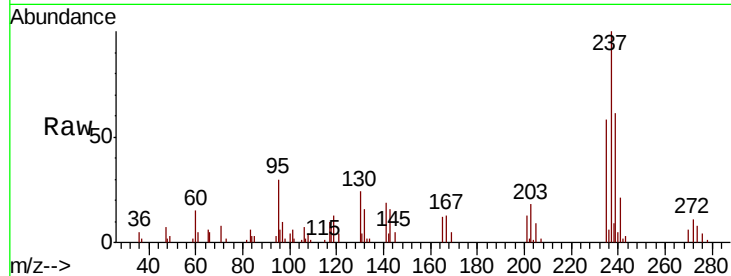
ClientSampleId :

OR-03-102919MSD

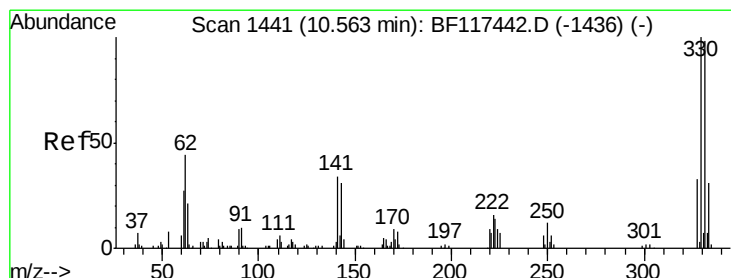
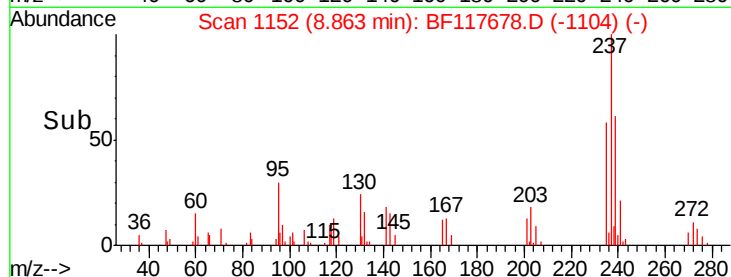
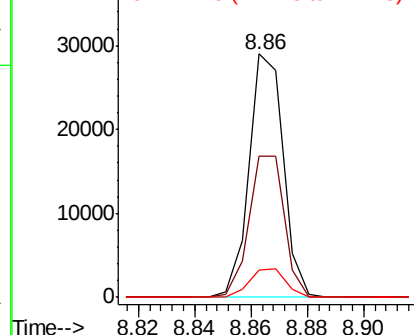
Tot Ion:	237	Resp:	24399
Ion Ratio	Lower	Upper	
237	100		
235	58.0	44.3	84.3
272	11.2	0.0	33.2

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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



#42

2,4,6-Tribromophenol

Concen: 122.973 ng

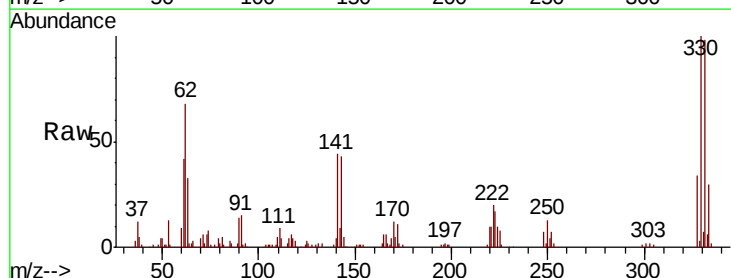
RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

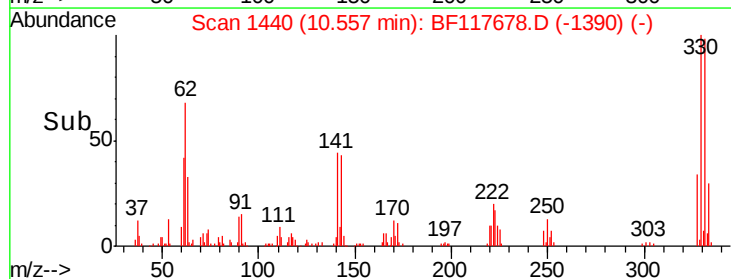
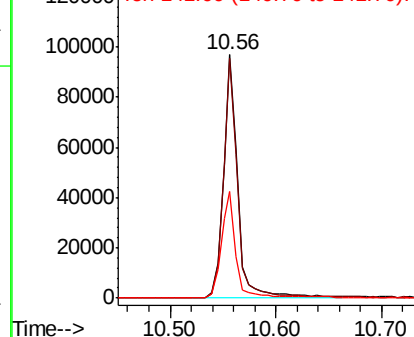
Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Tgt Ion:	330	Resp:	93892
Ion Ratio	Lower	Upper	
330	100		
332	96.2	78.5	117.7
141	43.7	37.0	55.6



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





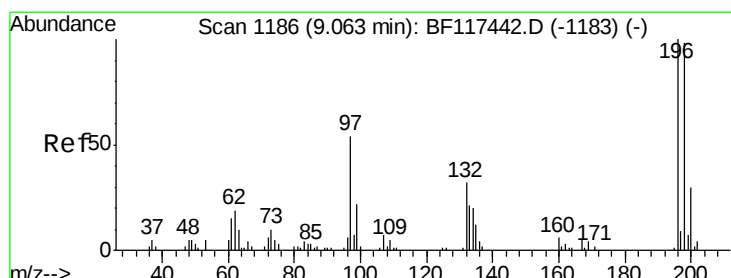
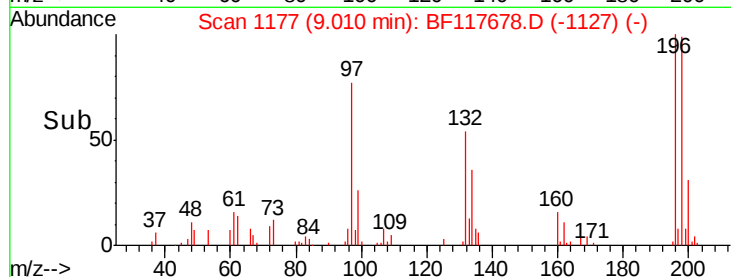
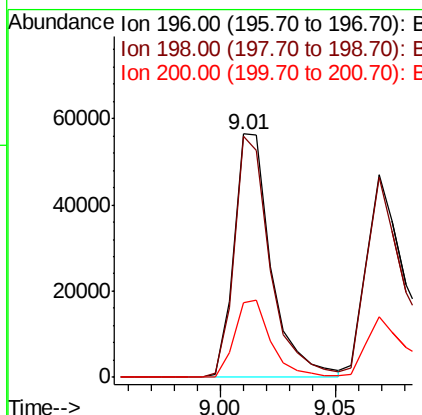
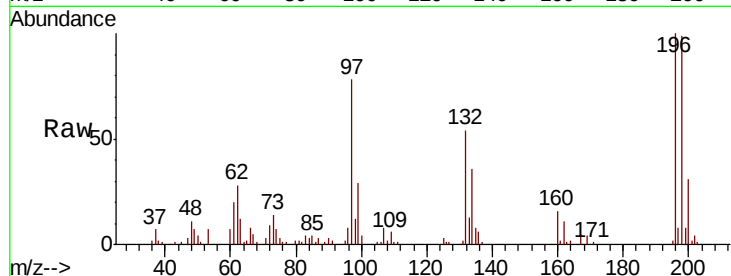
#43
 2,4,6-Trichlorophenol
 Concen: 42.781 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF117678.D
 Acq: 1 Nov 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-102919MSD

Tot Ion:	196	Resp:	63673
Ion Ratio	Lower	Upper	
196	100		
198	99.0	74.1	111.1
200	30.9	23.9	35.9

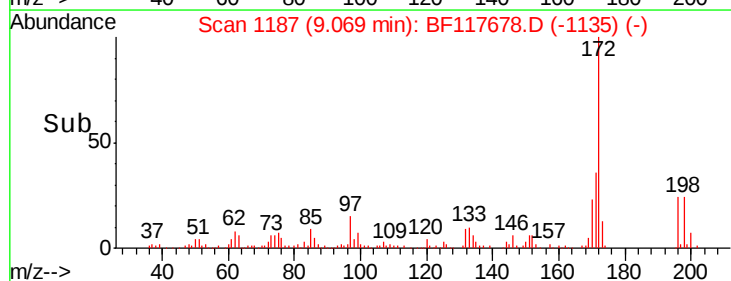
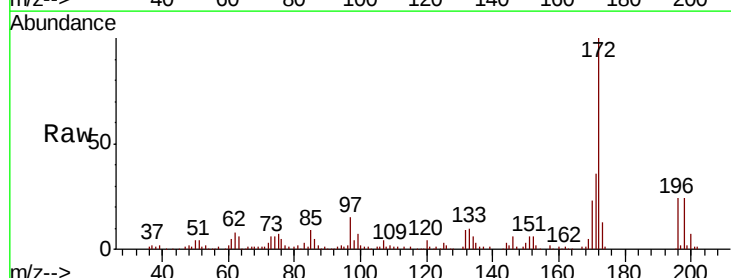
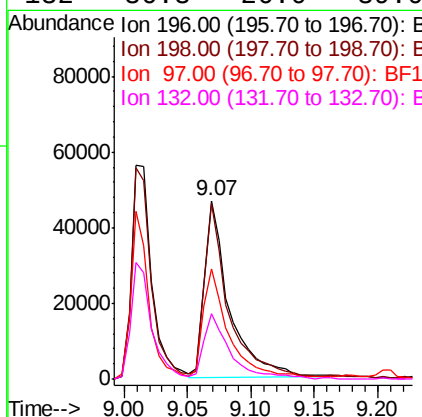
Manual Integrations
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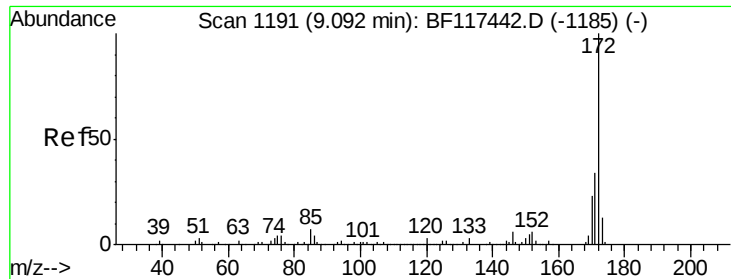
mohammad
 11/4/2019 12:50:00 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.814 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF117678.D
 Acq: 1 Nov 2019 13:56

Tgt Ion:	196	Resp:	64572
Ion Ratio	Lower	Upper	
196	100		
198	98.3	78.6	117.8
97	61.8	43.4	65.2
132	36.3	26.0	39.0





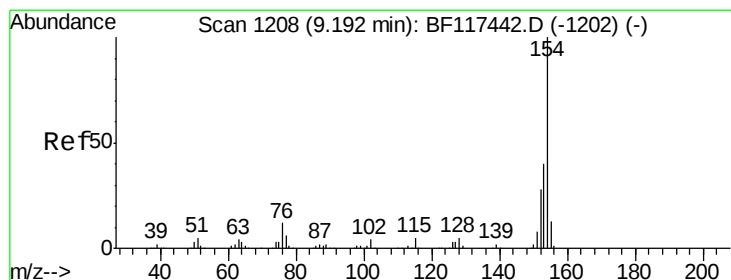
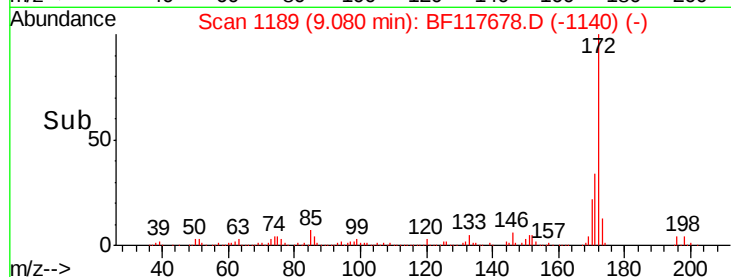
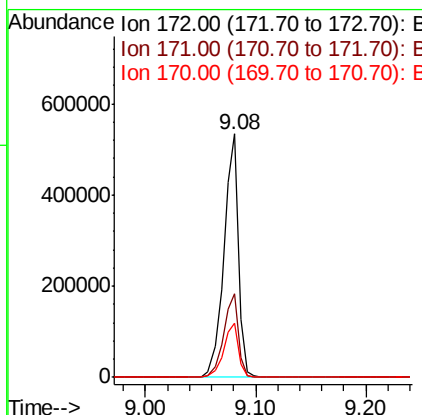
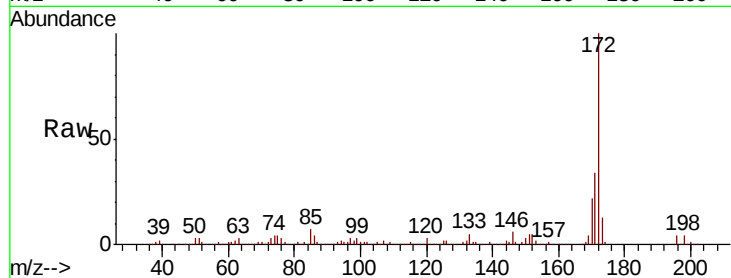
#45
2-Fluorobiphenyl
Concen: 78.192 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.5	41.3
170	22.4	18.6	27.8

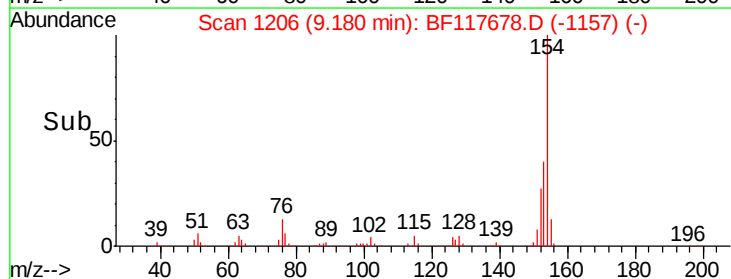
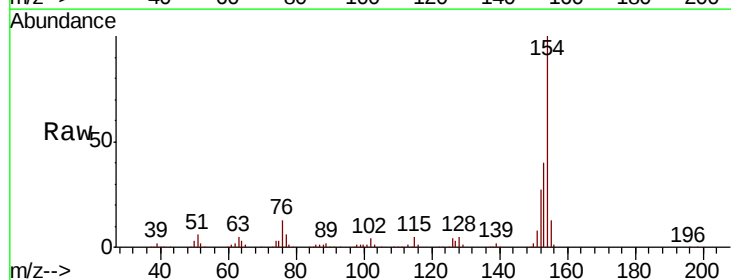
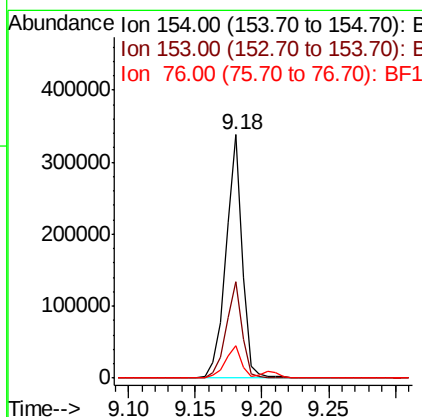
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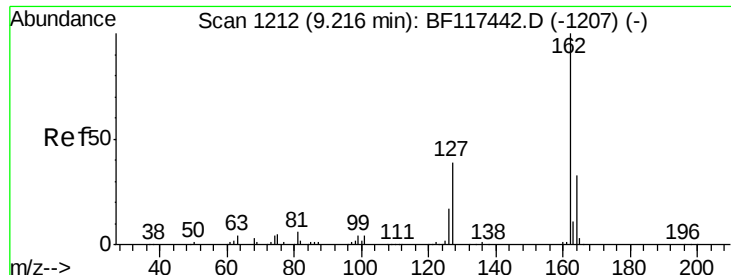
mohammad
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#46
1,1'-Biphenyl
Concen: 39.911 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.2	60.2
76	13.1	0.0	32.1





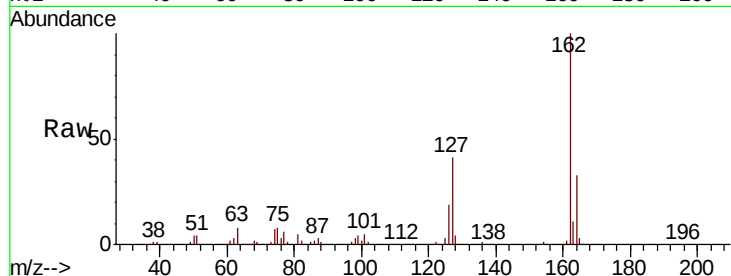
#47
2-Chloronaphthalene
Concen: 40.393 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

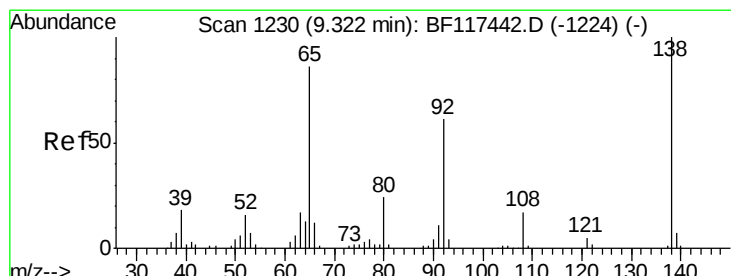
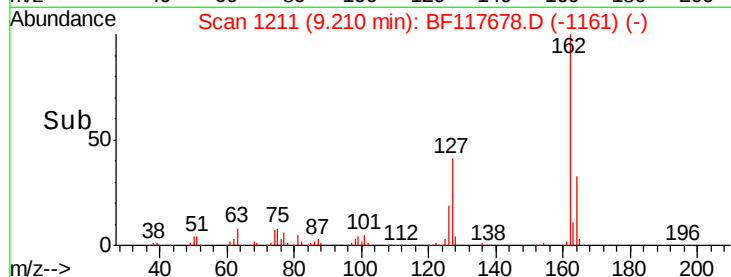
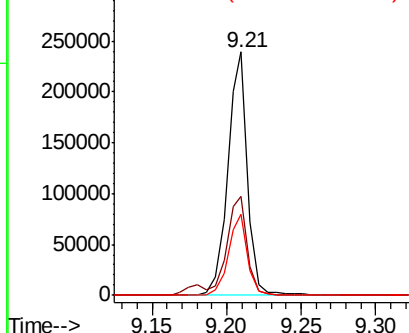
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	34.2	51.4
164	33.4	26.4	39.6

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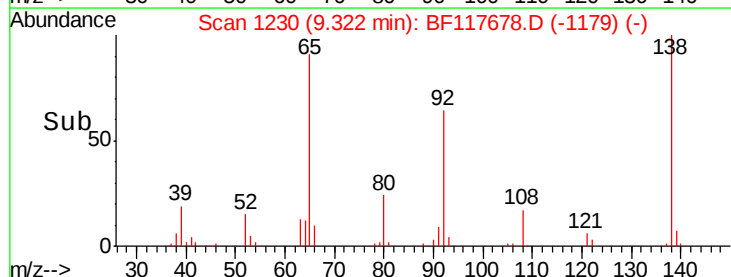
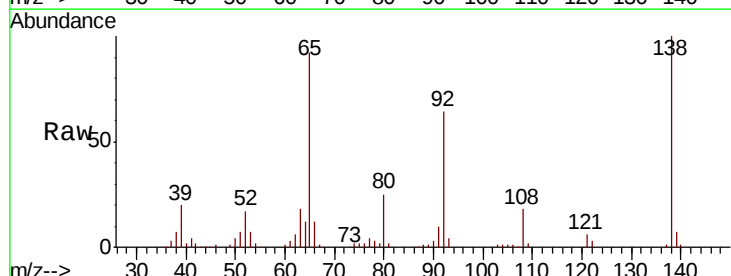
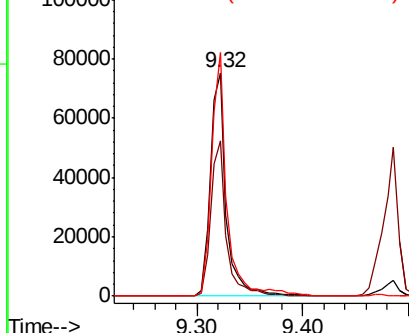
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 44.072 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	57.3	85.9
138	108.8	93.3	139.9

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





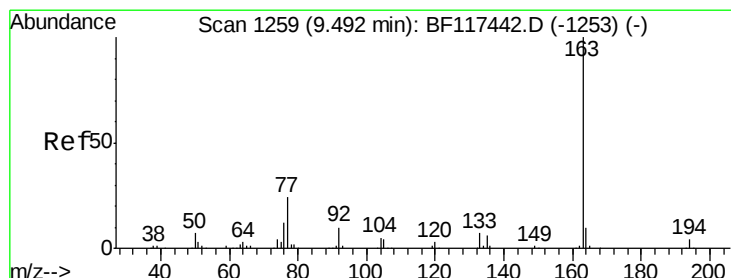
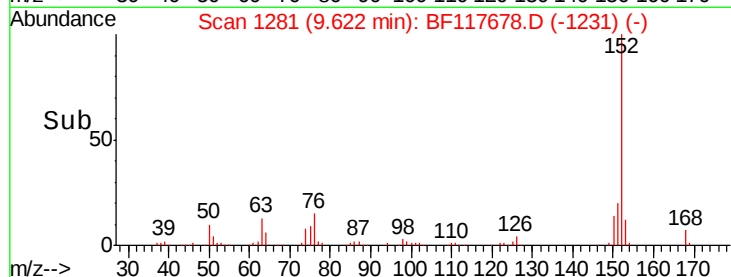
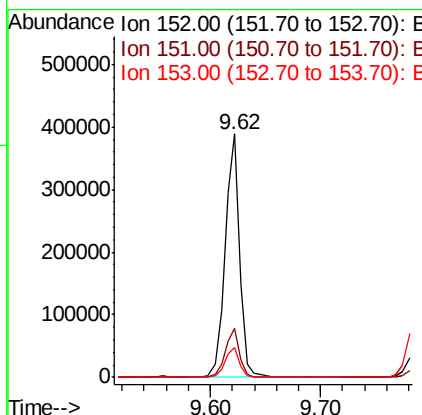
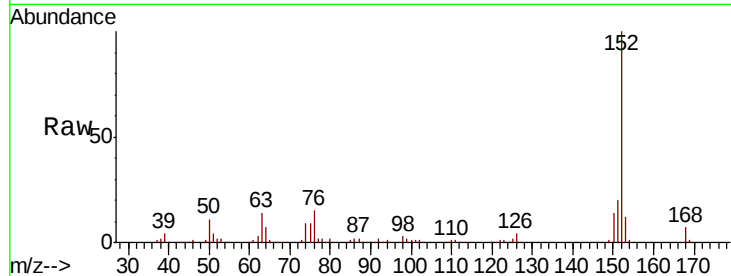
#49
Acenaphthylene
Concen: 43.842 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		354699		
151	20.1	15.4	23.0		
153	12.5	10.3	15.5		

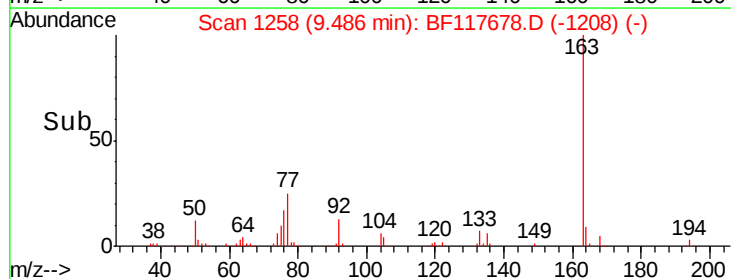
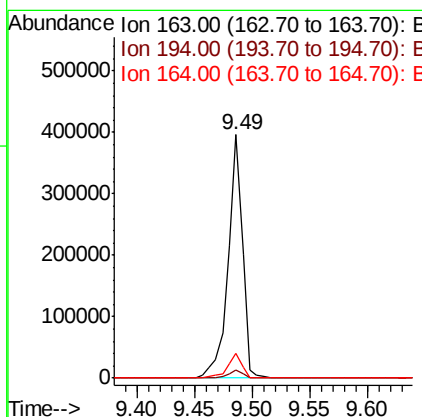
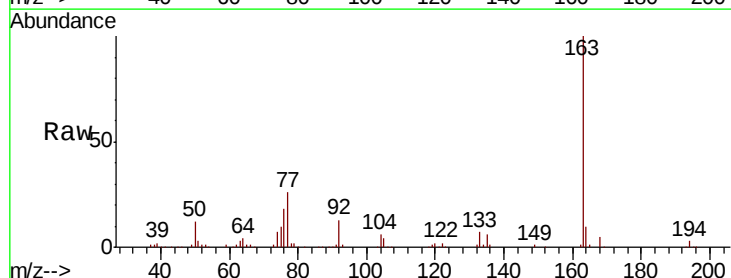
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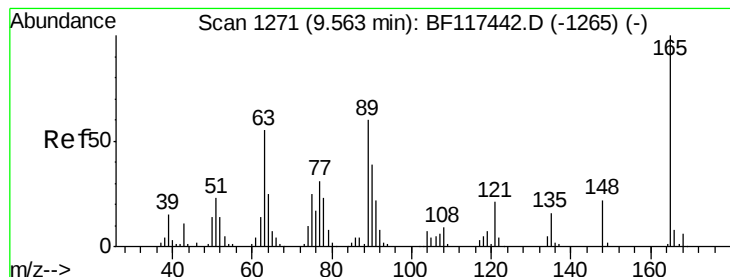
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#50
Dimethylphthalate
Concen: 54.177 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		340810		
194	3.5	2.9	4.3		
164	10.0	8.2	12.2		





#51

2,6-Dinitrotoluene

Concen: 47.339 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampleId :

OR-03-102919MSD

Tot Ion:165 Resp: 62143

Ion Ratio Lower Upper

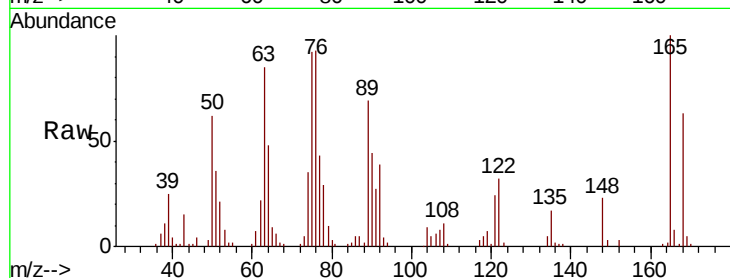
165 100

63 85.3 43.8 65.8#

89 68.8 47.6 71.4

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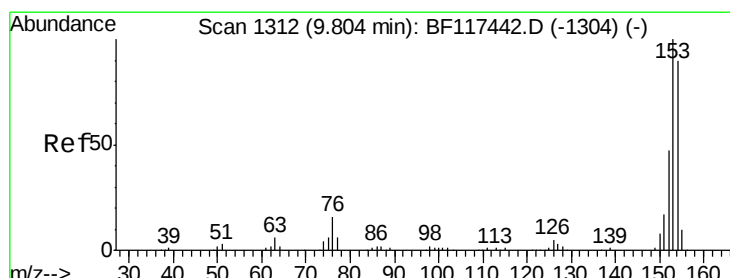
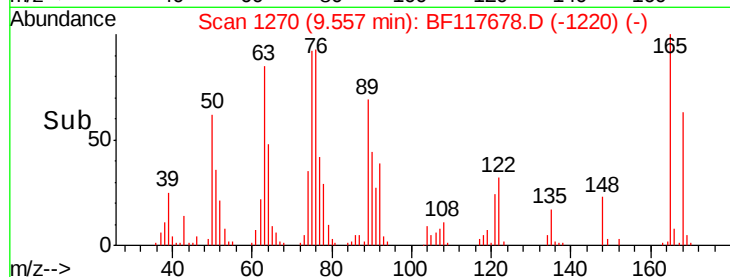
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

9.56

Time-->



#52

Acenaphthene

Concen: 43.262 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

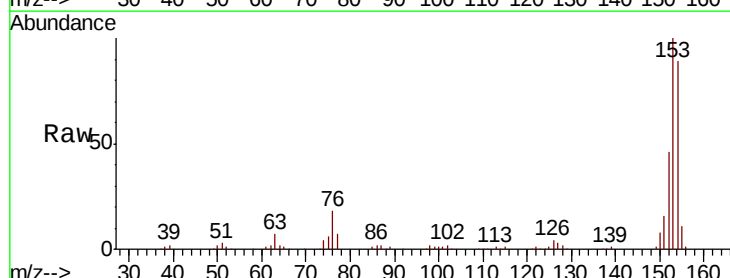
Tgt Ion:154 Resp: 214739

Ion Ratio Lower Upper

154 100

153 112.5 89.2 133.8

152 51.3 41.8 62.6



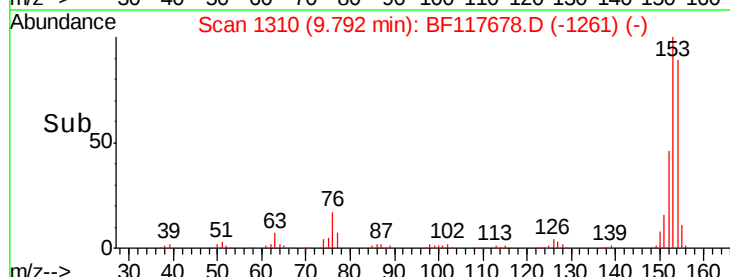
Abundance Ion 154.00 (153.70 to 154.70): E

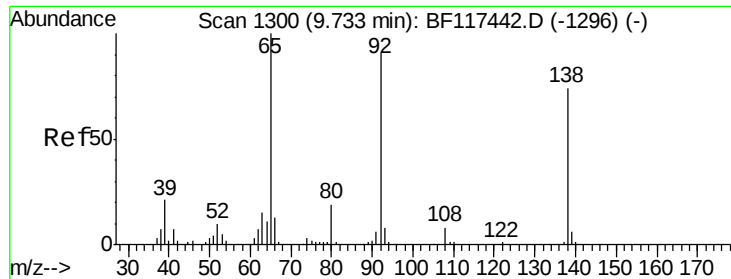
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

9.79

Time-->





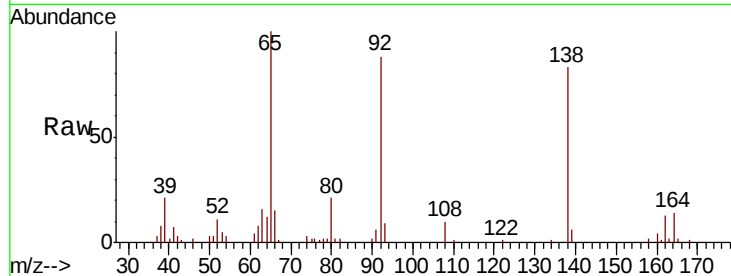
#53
3-Nitroaniline
Concen: 22.661 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.7	13.1
92	106.3	98.4	147.6

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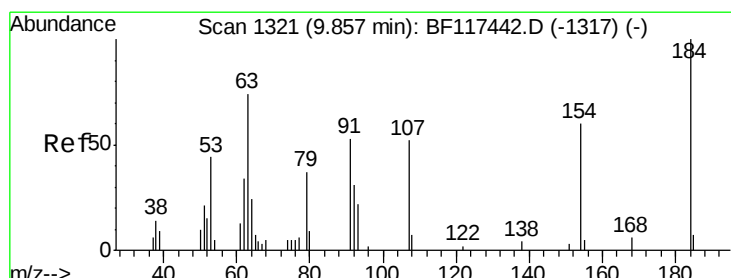
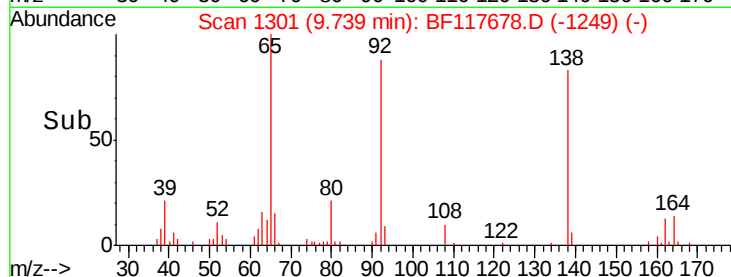
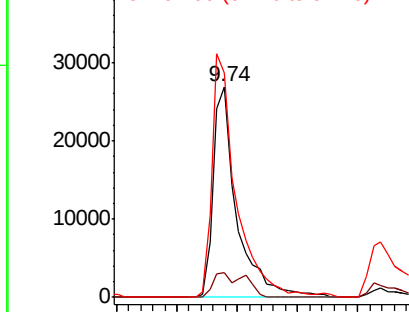


Abundance

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



#54
2,4-Dinitrophenol
Concen: 77.586 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

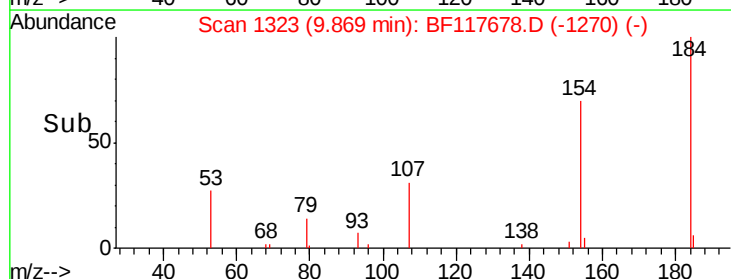
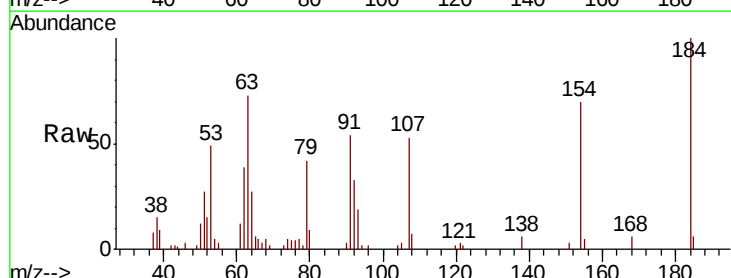
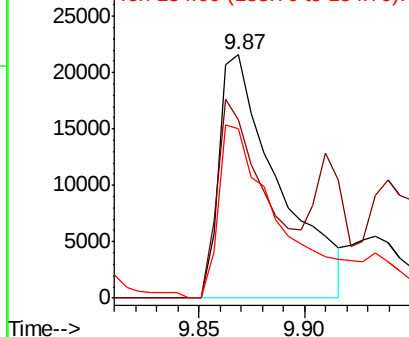
Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.3	59.2	88.8
154	69.8	53.4	80.0

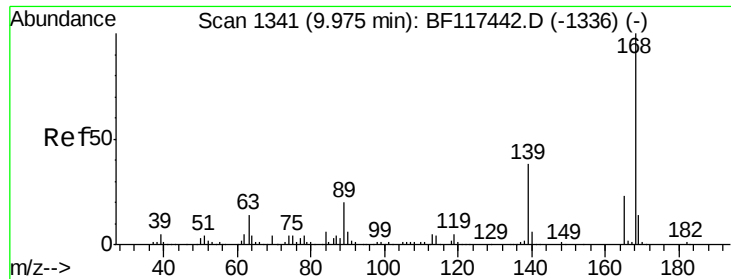
Abundance

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





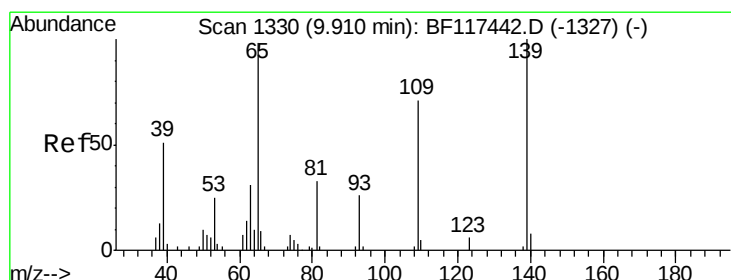
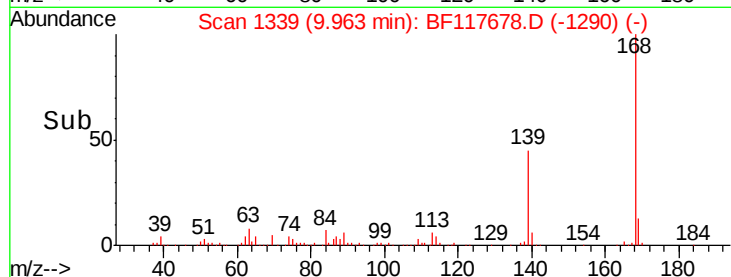
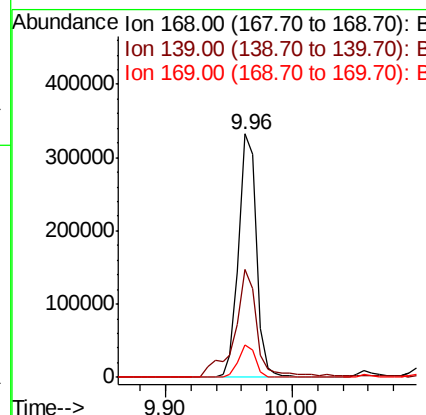
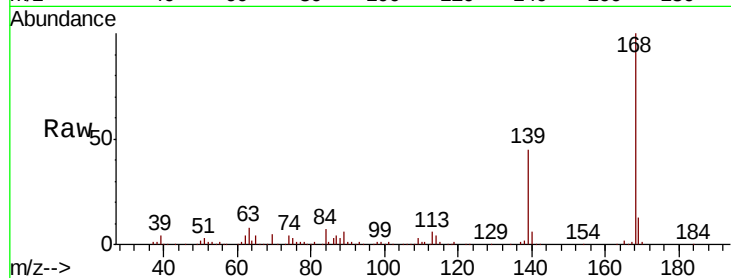
#55
Dibenzofuran
Concen: 44.704 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.6	31.8	47.6
169	13.4	11.2	16.8

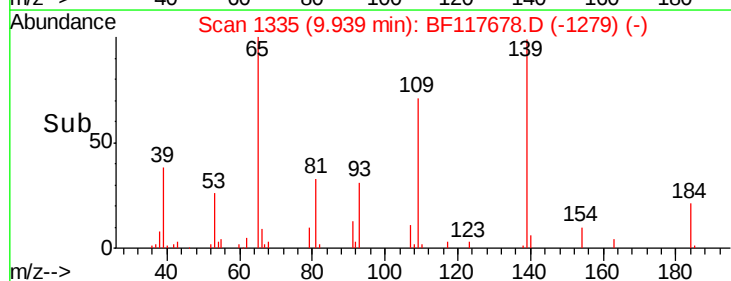
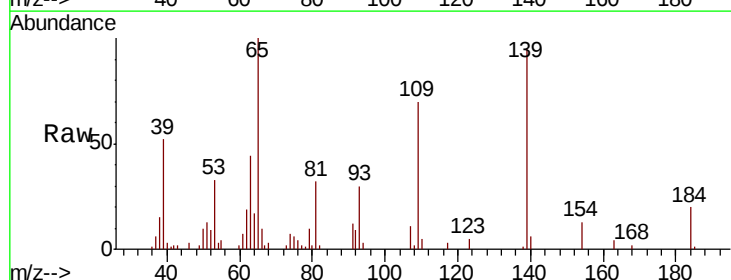
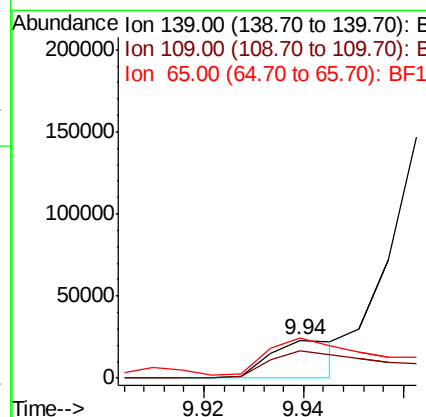
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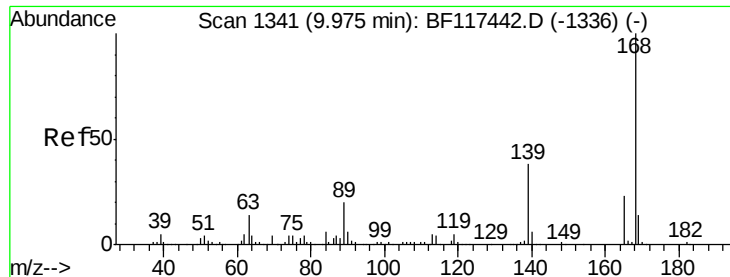
mohammad
11/4/2019 12:50:00 PM



#56
4-Nitrophenol
Concen: 31.989 ng m
RT: 9.94 min Scan# 1335
Delta R.T. 0.03 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.3	51.4	91.4
65	105.1	79.4	119.4





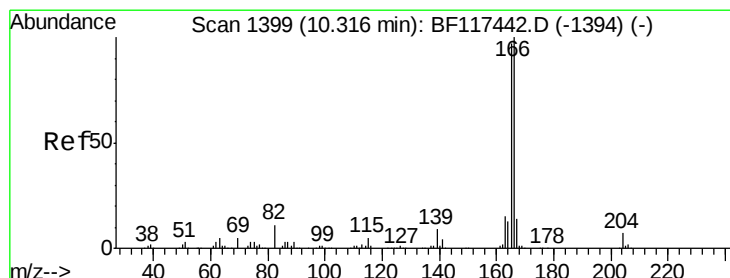
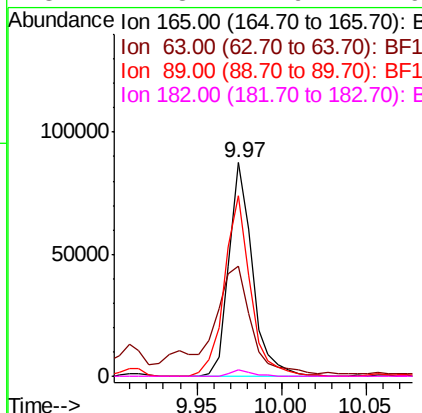
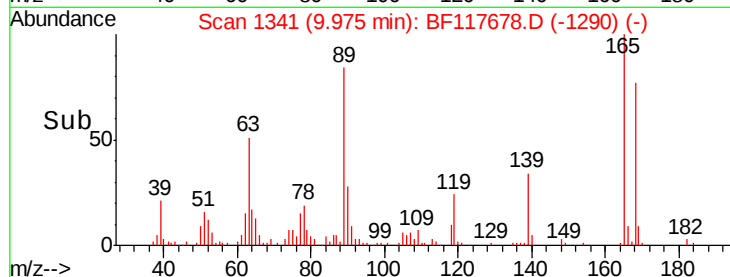
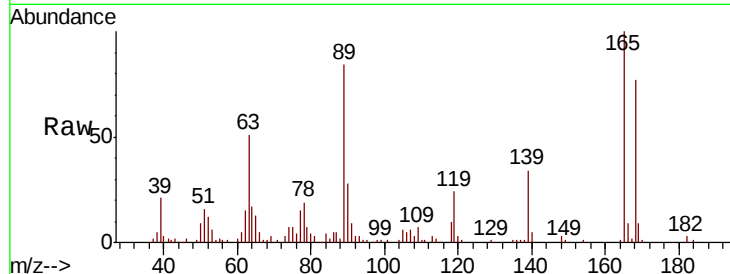
#57
2,4-Dinitrotoluene
Concen: 48.346 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.4	51.4	77.0
89	84.2	69.9	104.9
182	2.8	1.9	2.9

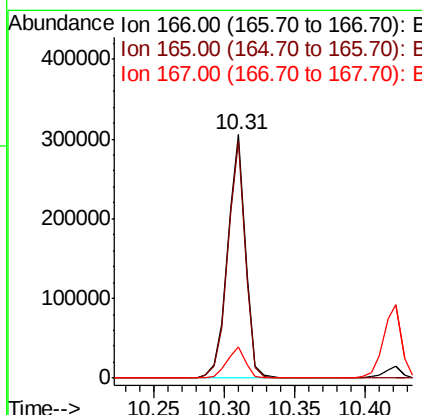
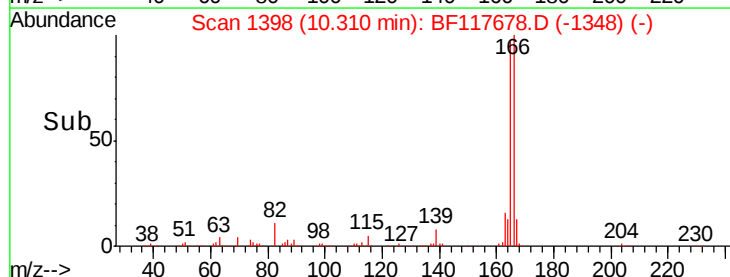
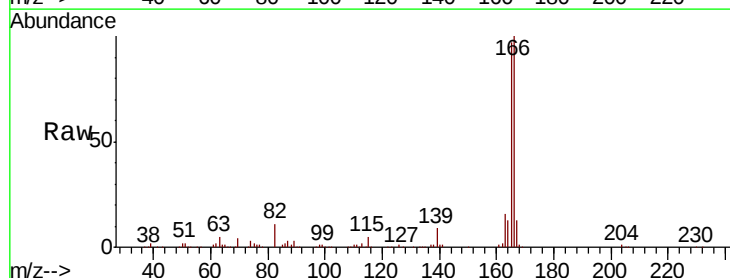
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#58
Fluorene
Concen: 45.012 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.6	116.4
167	12.8	11.0	16.4





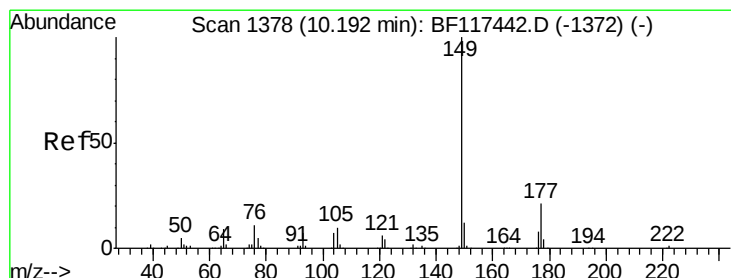
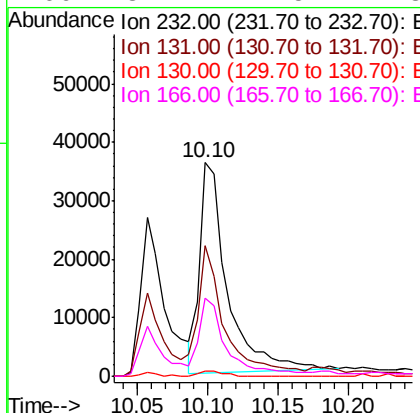
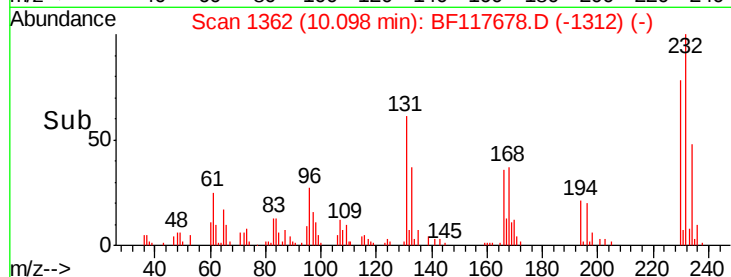
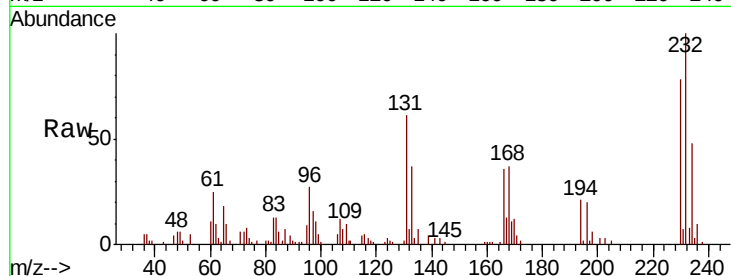
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.876 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	56.4	42.6	63.8
130	2.1	2.2	3.4
166	32.4	27.5	41.3

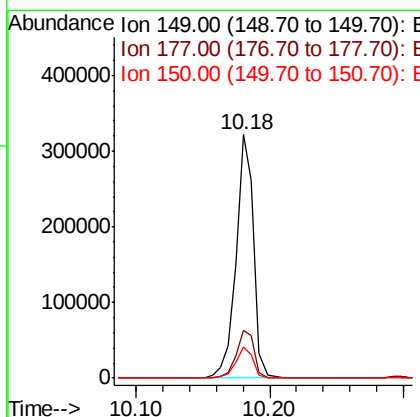
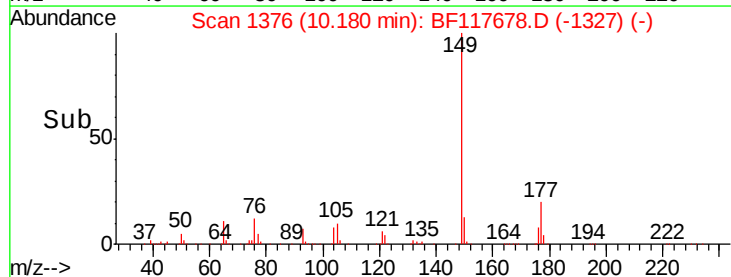
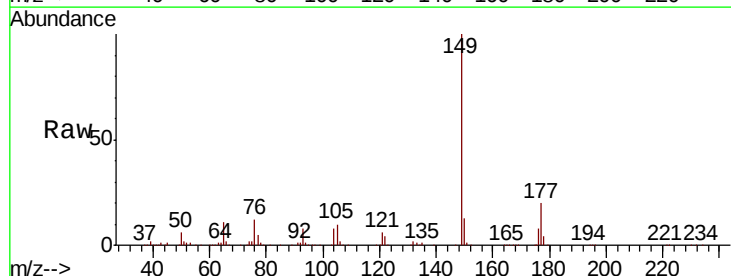
Manual Integrations
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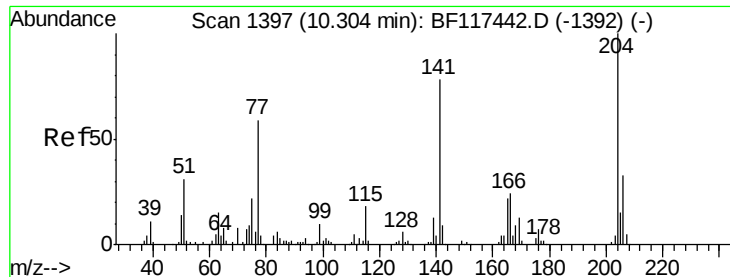
mohammad
11/4/2019 12:50:00 PM



#60
Diethylphthalate
Concen: 46.315 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.7	17.0	25.4
150	12.5	9.8	14.6





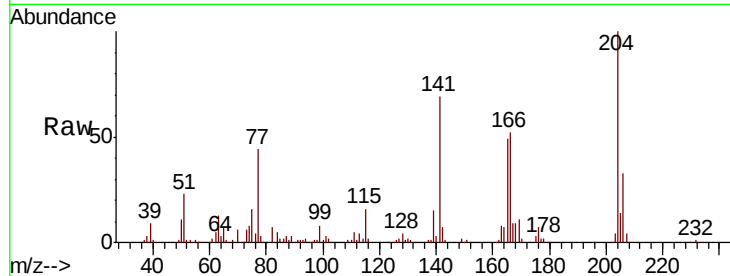
#61
4-Chlorophenyl-phenylether
Concen: 43.585 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	69.0	62.2	93.4

Manual Integrations
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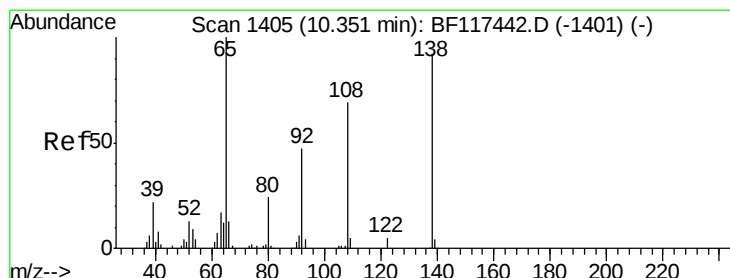
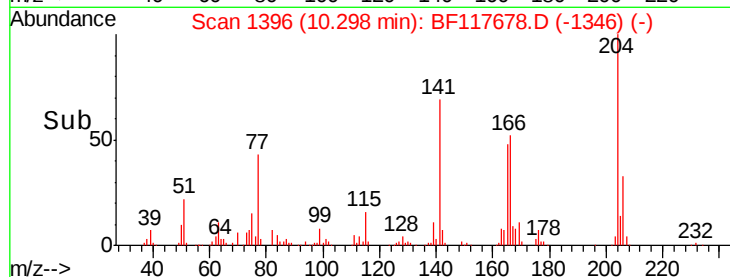
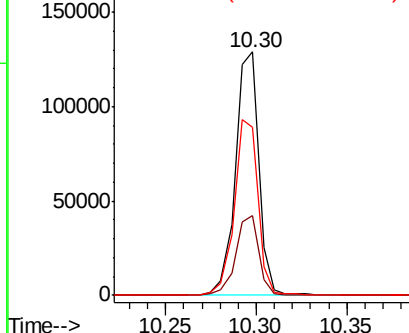


Abundance

Ion 204.00 (203.70 to 204.70): E

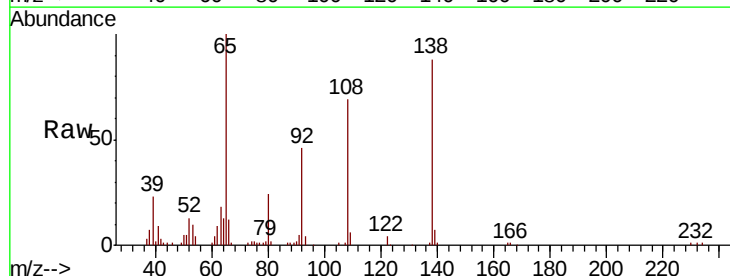
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.132 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.8	30.3	70.3
108	78.7	54.9	94.9

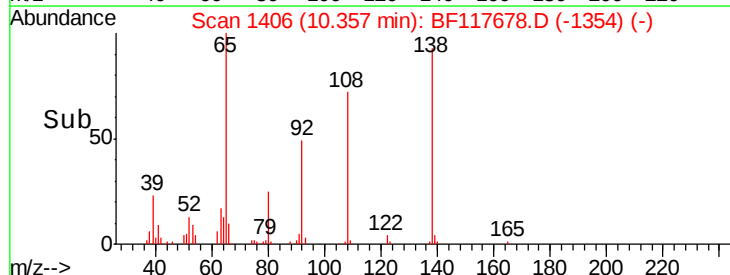
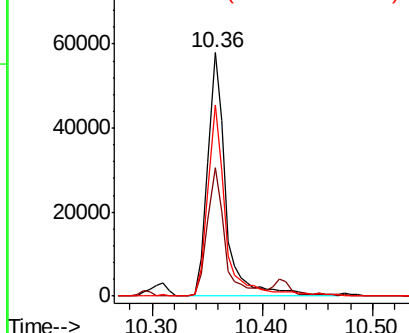


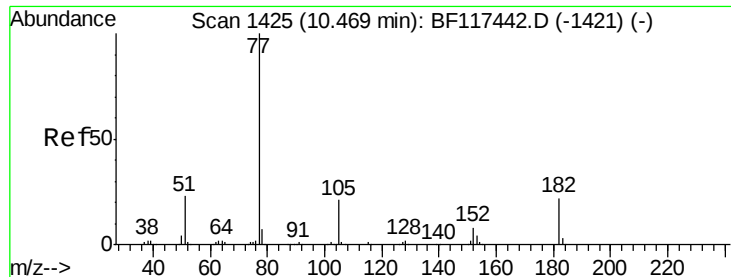
Abundance

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





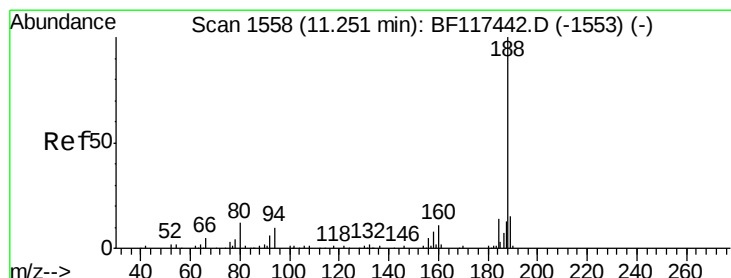
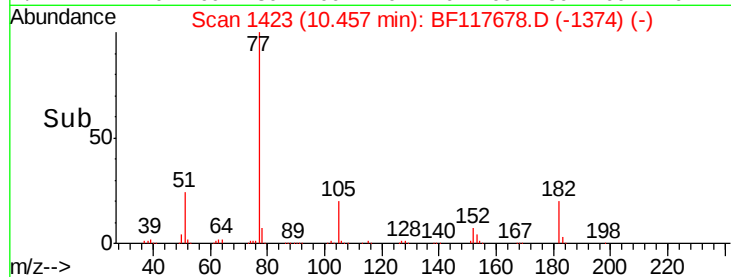
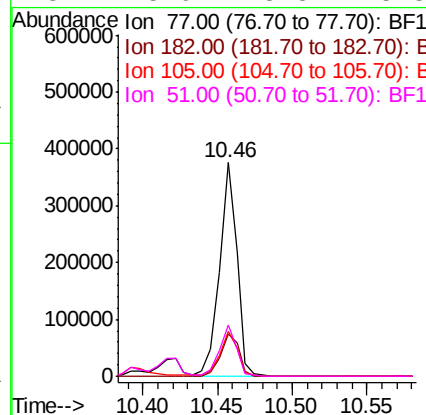
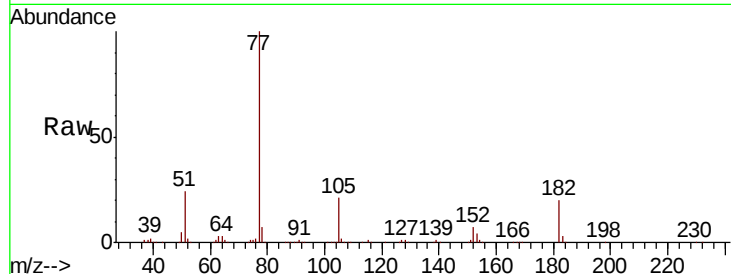
#63
Azobenzene
Concen: 46.680 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion:	77	Resp:	304052
Ion Ratio	Lower	Upper	
77	100		
182	19.6	2.3	42.3
105	21.0	1.3	41.3
51	23.9	3.5	43.5

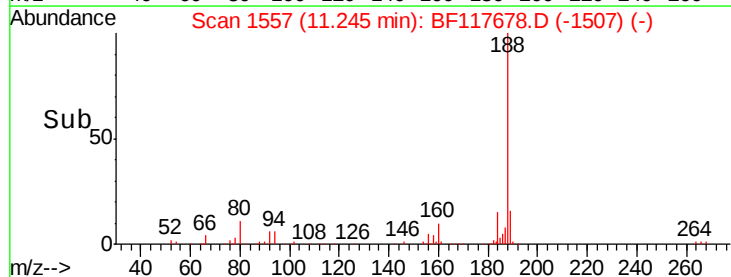
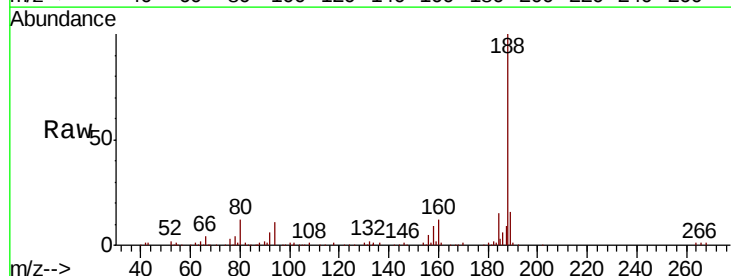
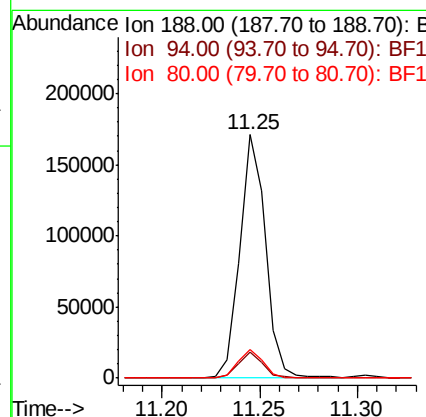
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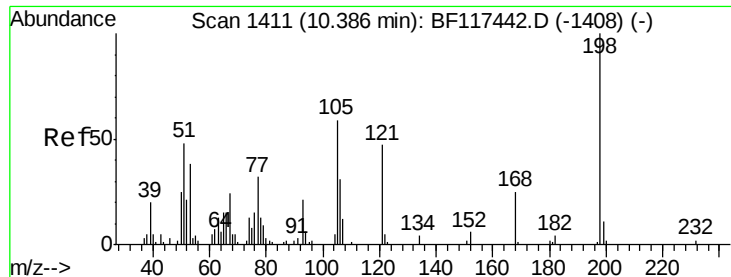
mohammad
11/4/2019 12:50:00 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion:	188	Resp:	156078
Ion Ratio	Lower	Upper	
188	100		
94	10.5	8.0	12.0
80	11.8	9.5	14.3





#65

4,6-Dinitro-2-methylphenol

Concen: 45.743 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampleId :

OR-03-102919MSD

Tot Ion:198 Resp: 36299

Ion Ratio Lower Upper

198 100

51 46.6 29.1 69.1

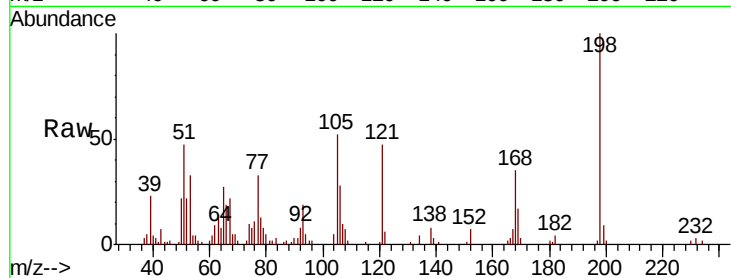
105 52.4 39.4 79.4

Manual Integrations

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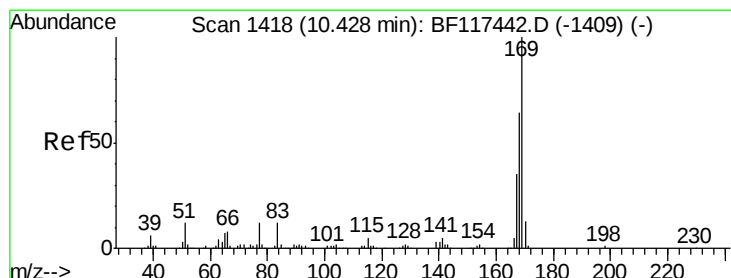
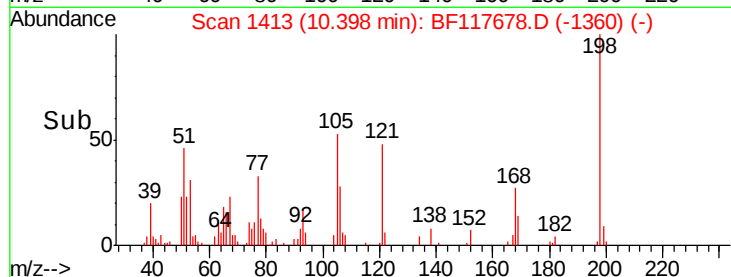
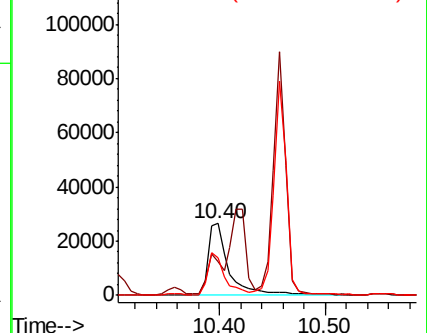
11/4/2019 12:50:00 PM



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



#66

n-Nitrosodiphenylamine

Concen: 41.272 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

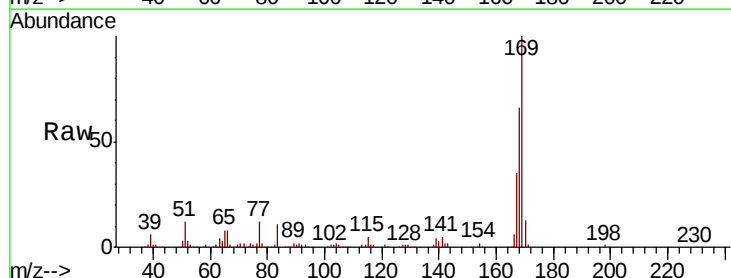
Tgt Ion:169 Resp: 235491

Ion Ratio Lower Upper

169 100

168 66.3 51.3 76.9

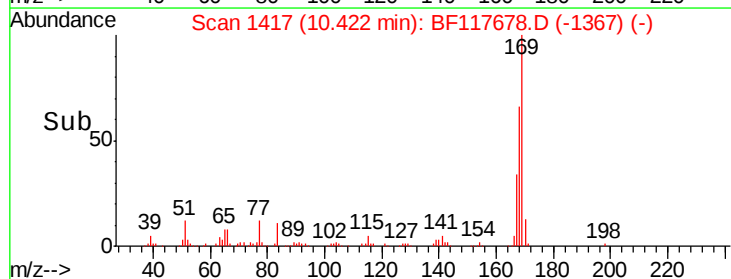
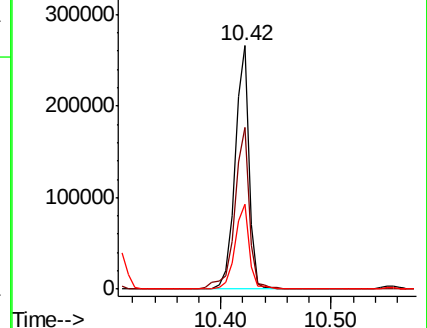
167 34.6 28.2 42.4

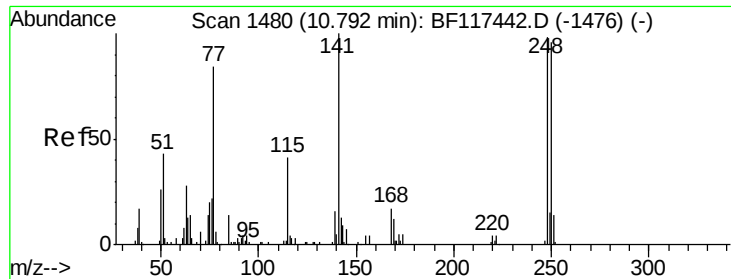


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 39.437 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

ClientSampleId :

OR-03-102919MSD

Tot Ion:248 Resp: 66299

Ion Ratio Lower Upper

248 100

250 101.1 78.0 117.0

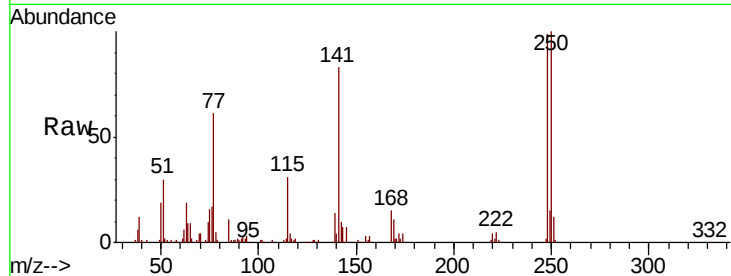
141 84.1 81.7 122.5

Manual Integrations

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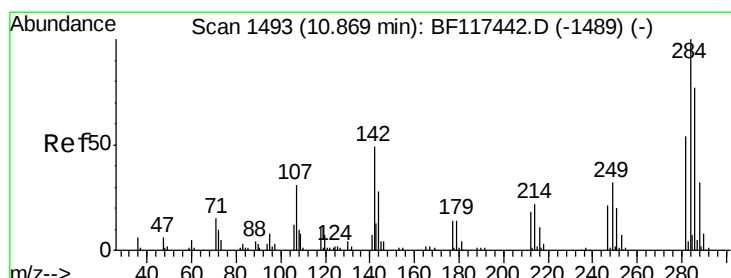
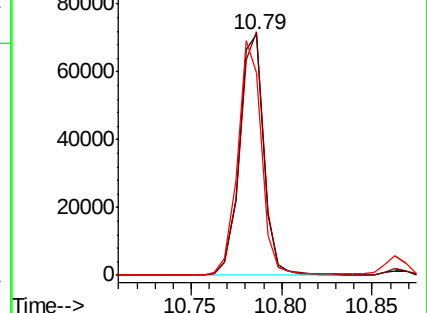
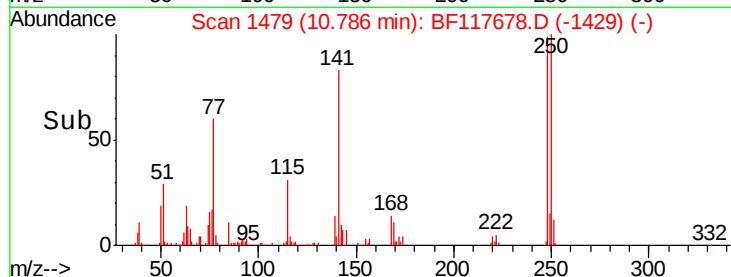


Abundance

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



#68

Hexachlorobenzene

Concen: 38.381 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

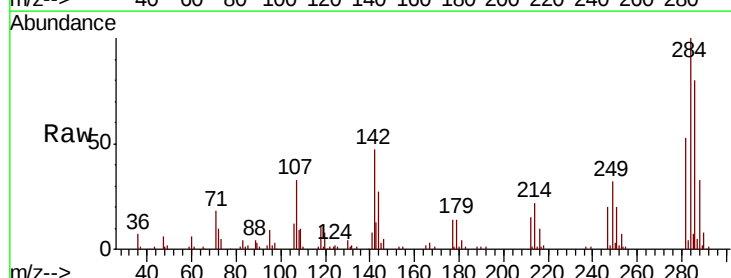
Tgt Ion:284 Resp: 69101

Ion Ratio Lower Upper

284 100

142 46.5 39.0 58.6

249 32.0 25.7 38.5

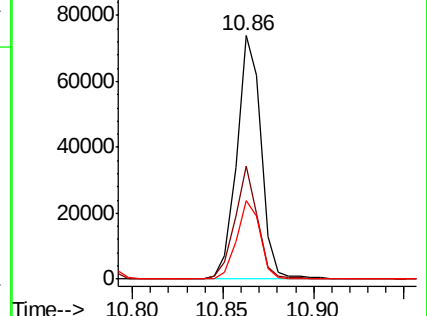
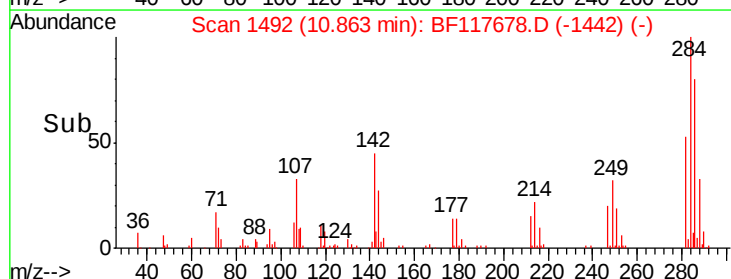


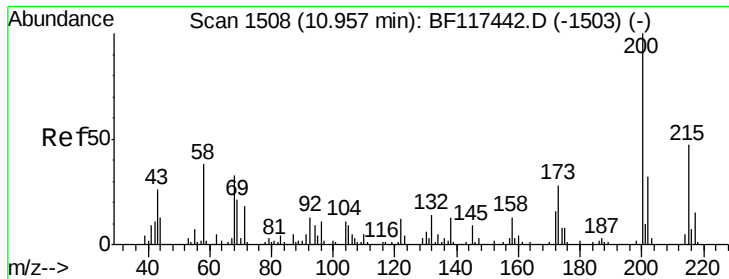
Abundance

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





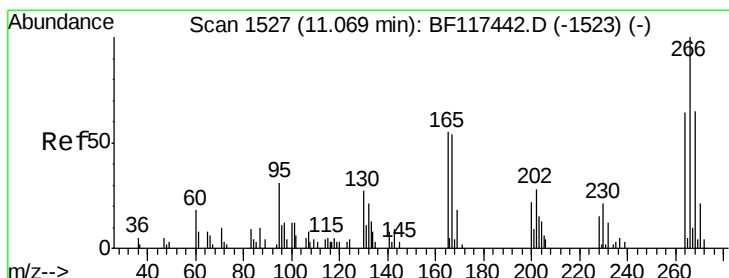
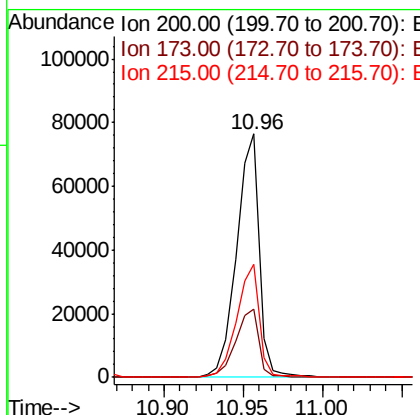
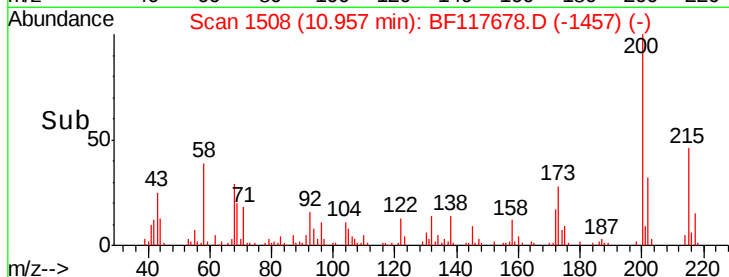
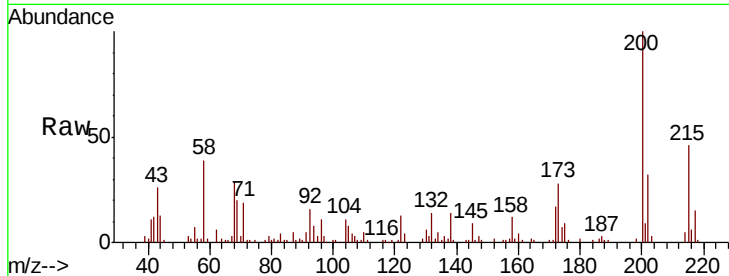
#69
Atrazine
Concen: 52.231 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.2	48.2
215	46.2	26.8	66.8

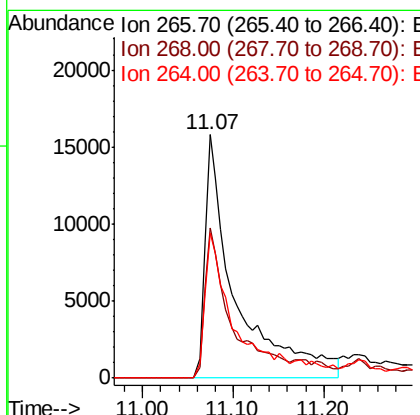
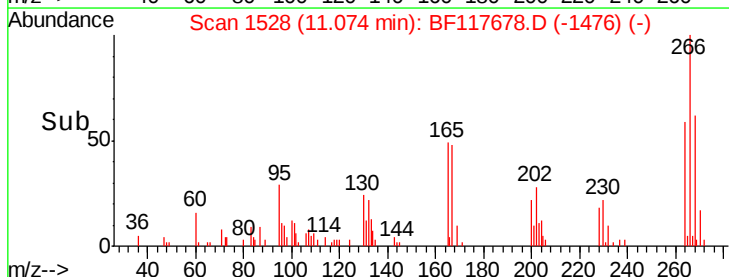
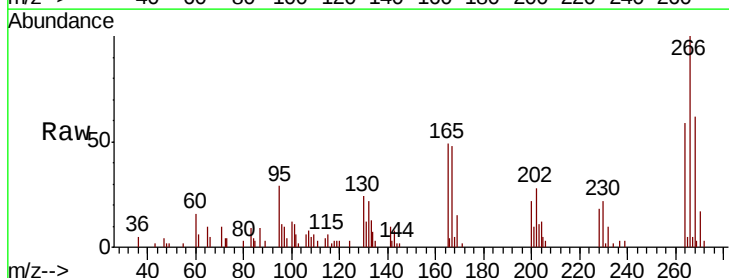
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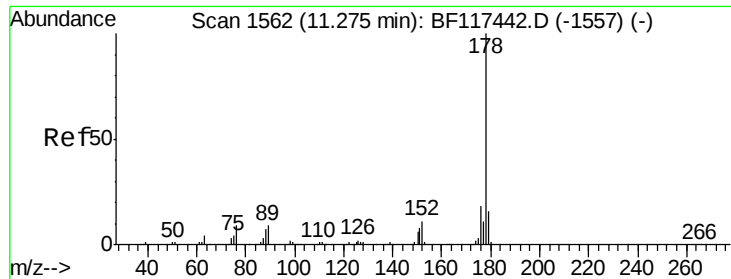
mohammad
11/4/2019 12:50:00 PM



#70
Pentachlorophenol
Concen: 69.294 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.6	77.4
264	59.4	51.4	77.2





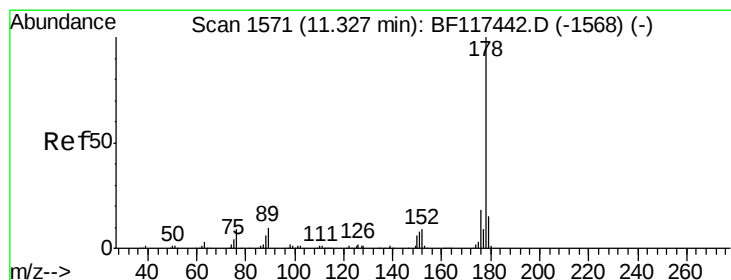
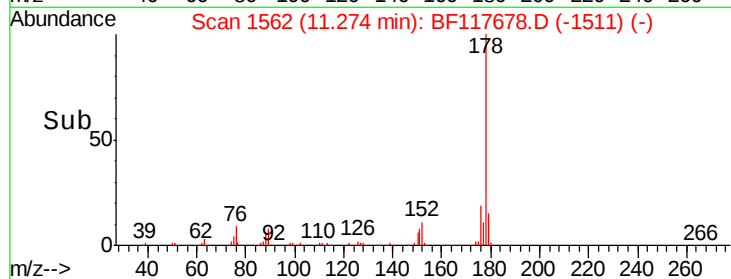
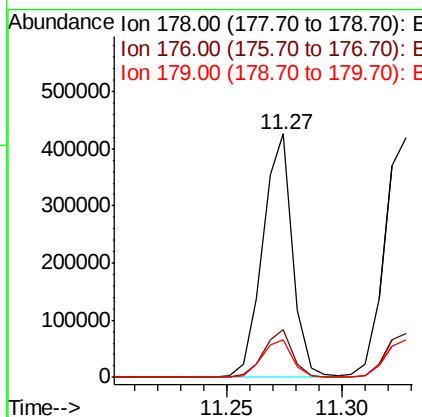
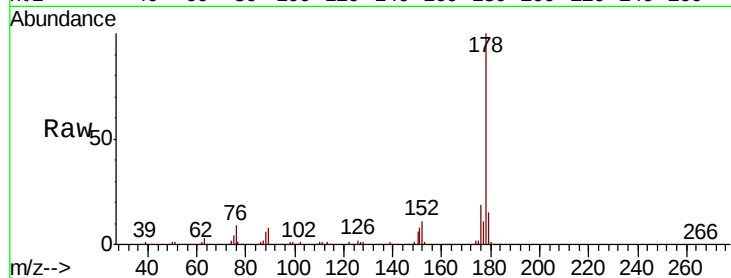
#71
Phenanthrene
Concen: 42.205 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.6	22.0
179	15.5	12.6	19.0

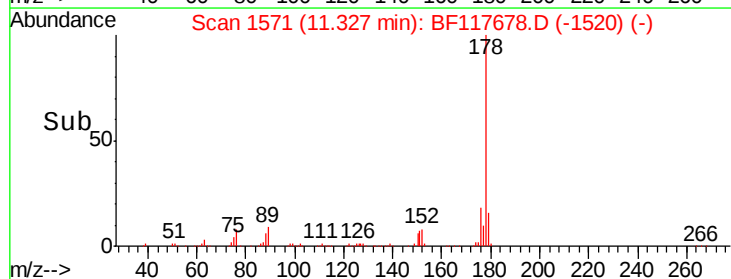
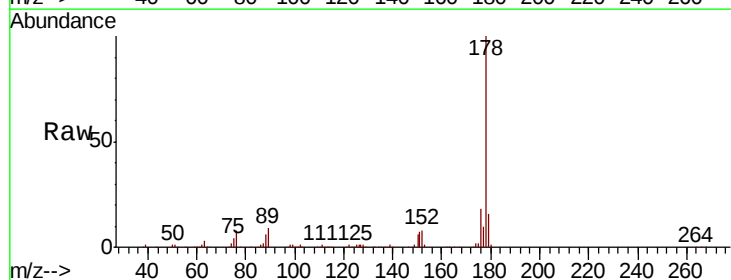
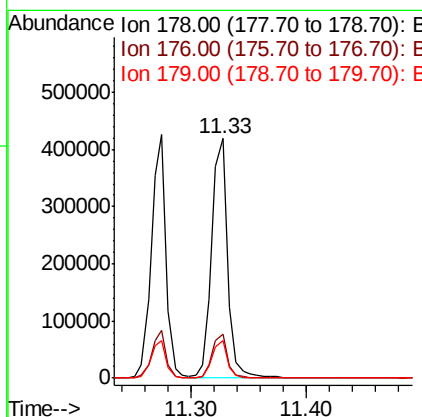
Manual Integrations
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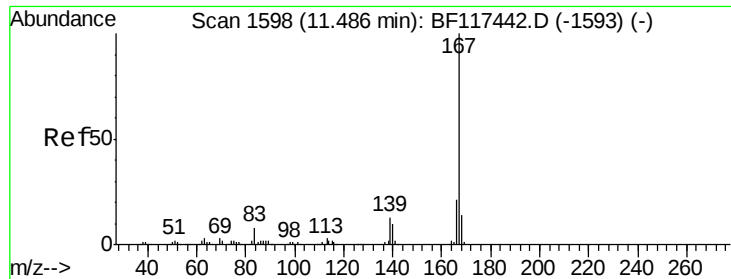
mohammad
11/4/2019 12:50:00 PM



#72
Anthracene
Concen: 43.470 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.5	12.2	18.2





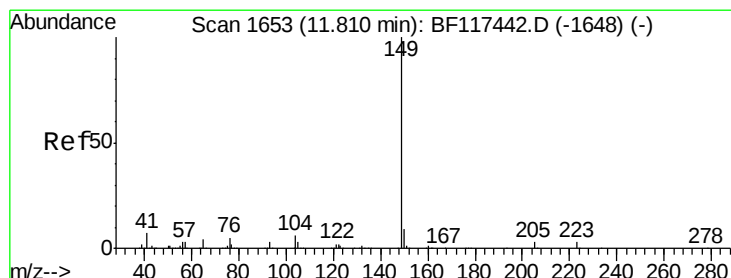
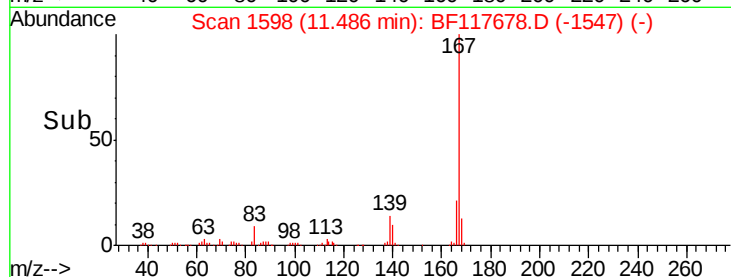
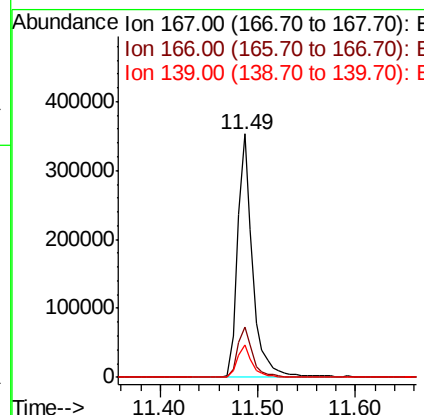
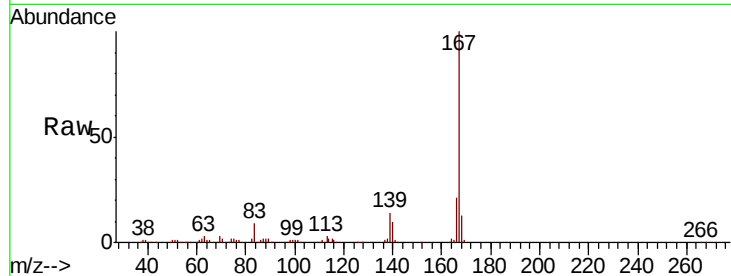
#73
 Carbazole
 Concen: 44.265 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117678.D
 Acq: 1 Nov 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	13.5	10.6	16.0

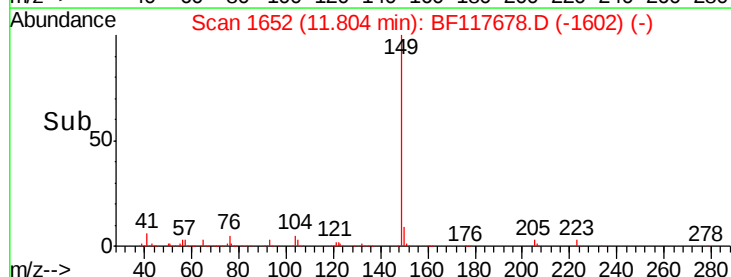
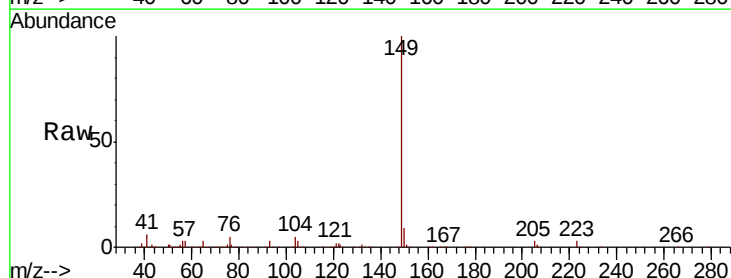
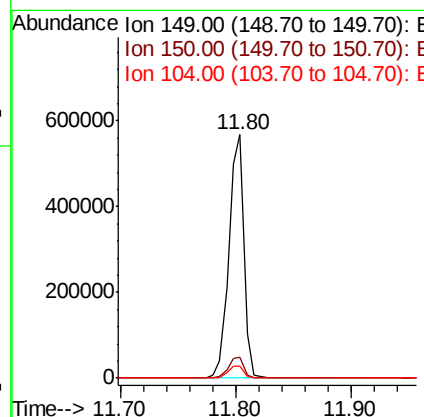
Manual Integrations
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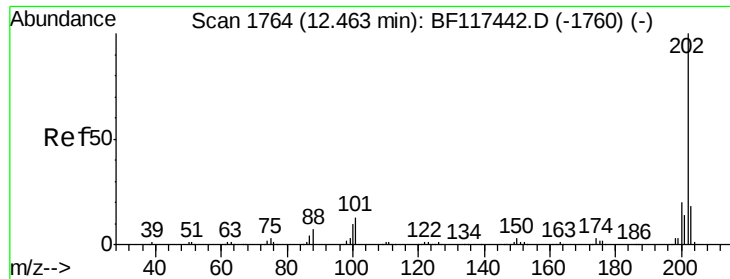
mohammad
 11/4/2019 12:50:00 PM



#74
 Di-n-butylphthalate
 Concen: 44.901 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF117678.D
 Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	4.8	4.6	6.8





#75

Fluoranthene

Concen: 44.231 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

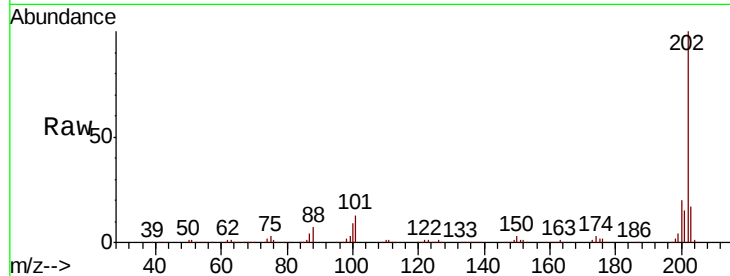
ClientSampleId :

OR-03-102919MSD

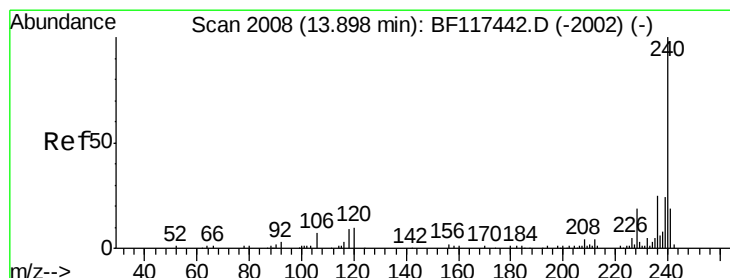
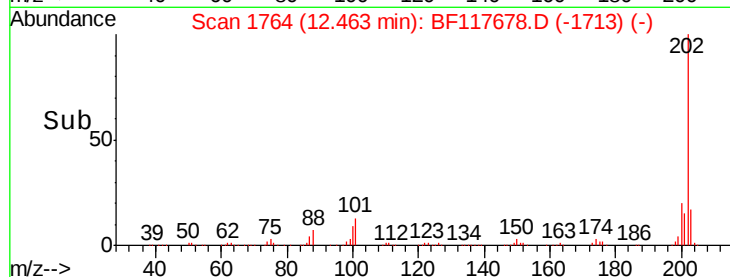
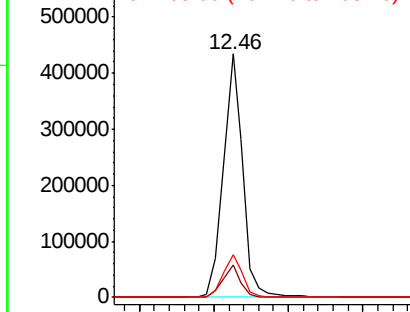
Tot Ion:	202	Resp:	401293
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	32.7
203	17.5	0.0	37.6

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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



#76

Chrysene-d12

Concen: 20.000 ng

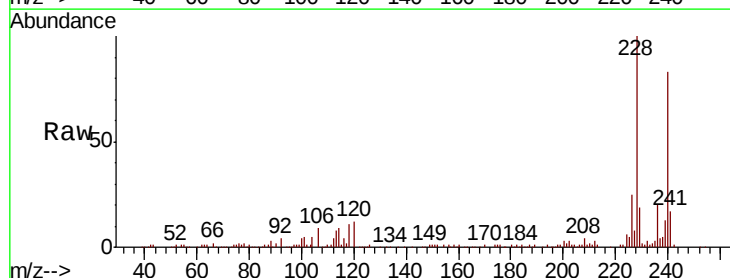
RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

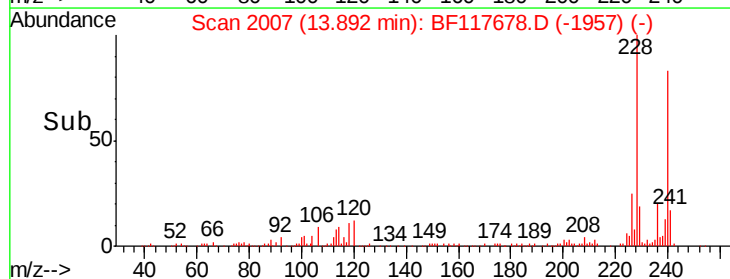
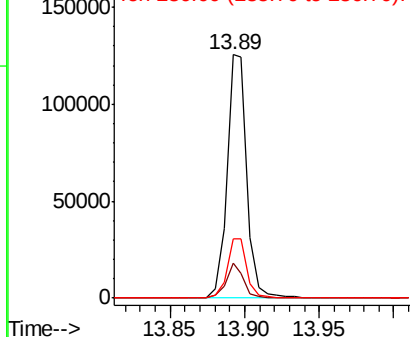
Lab File: BF117678.D

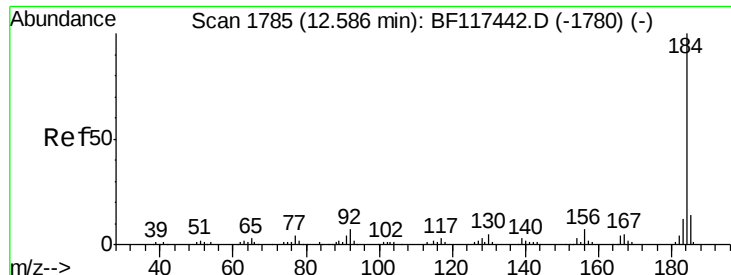
Acq: 1 Nov 2019 13:56

Tgt Ion:	240	Resp:	117838
Ion Ratio	Lower	Upper	
240	100		
120	14.2	8.4	12.6#
236	24.5	20.0	30.0



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





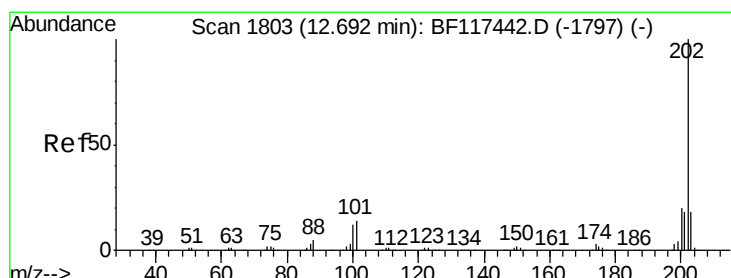
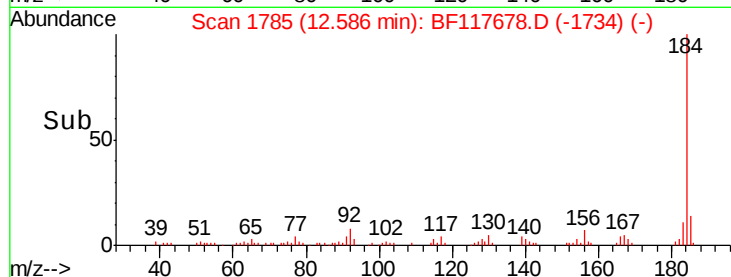
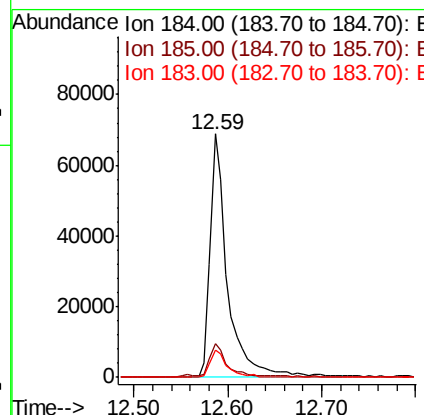
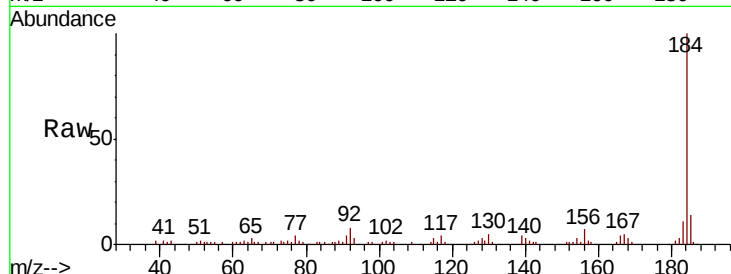
#77
Benzidine
Concen: 23.338 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.4	17.0
183	11.2	9.6	14.4

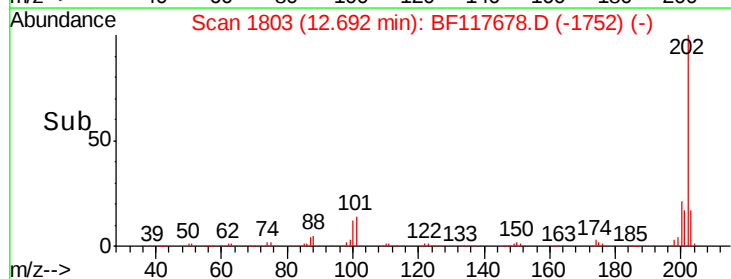
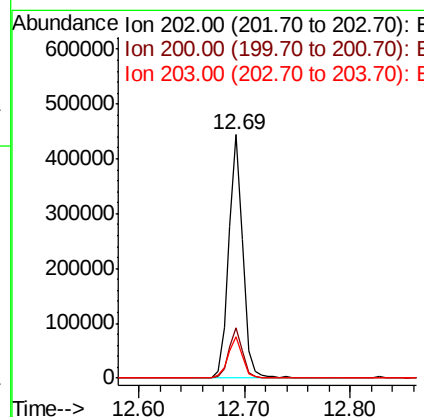
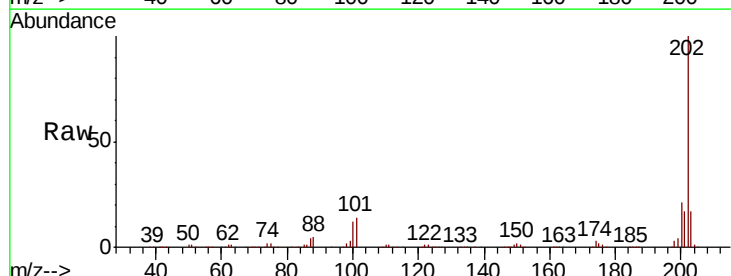
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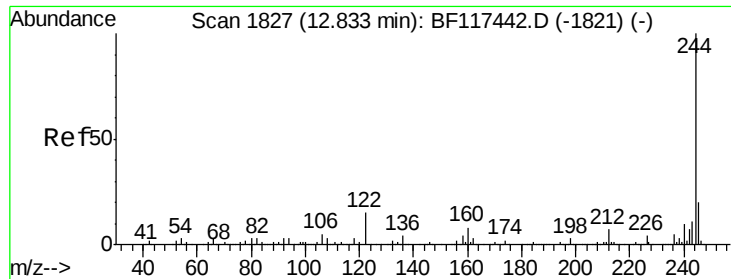
mohammad
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#78
Pyrene
Concen: 40.575 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.2
203	17.1	14.0	21.0





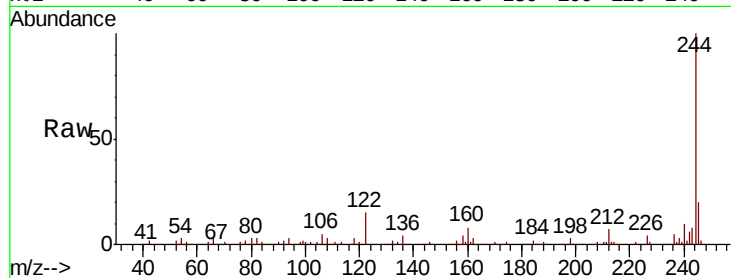
#79
 Terphenyl-d14
 Concen: 80.857 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117678.D
 Acq: 1 Nov 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-102919MSD

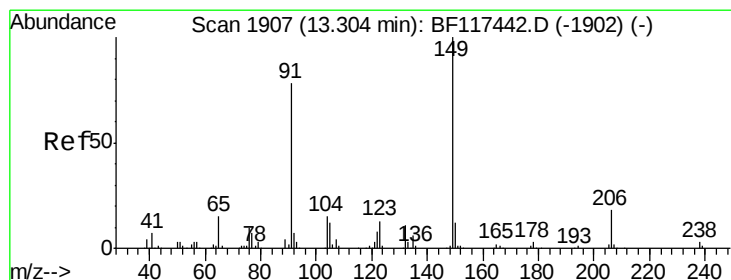
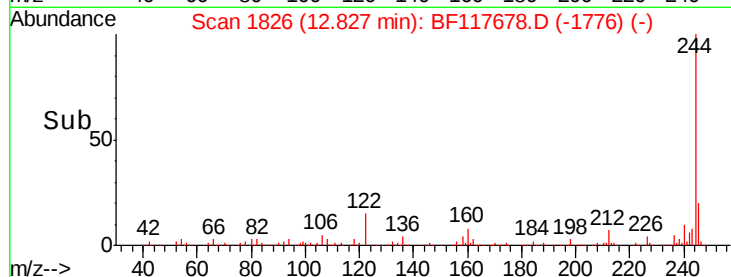
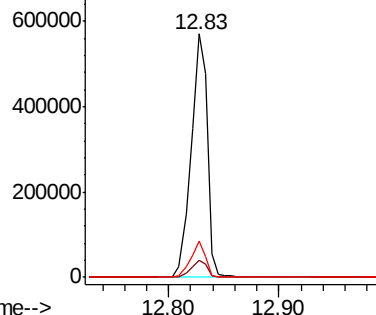
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	14.8	11.8	17.8

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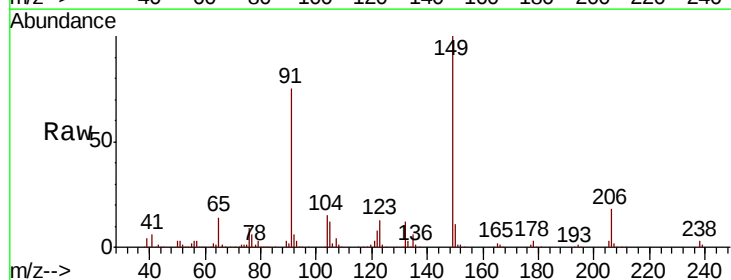


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

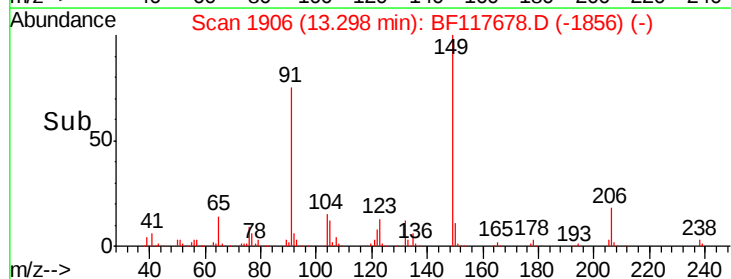
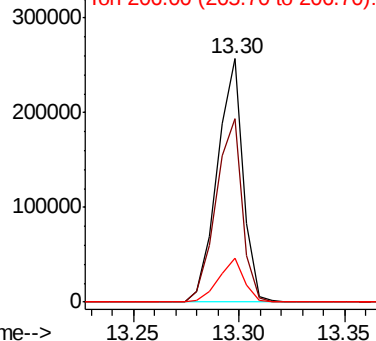


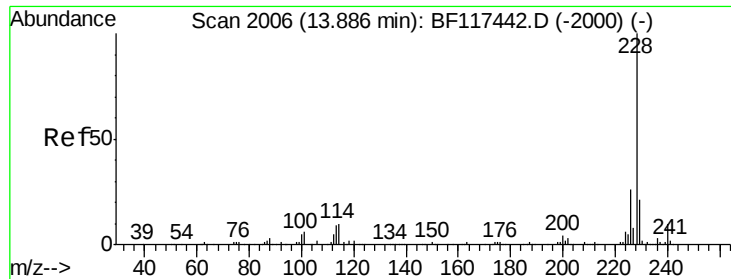
#80
 Butylbenzylphthalate
 Concen: 43.458 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF117678.D
 Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.2	62.1	93.1
206	17.9	14.3	21.5



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





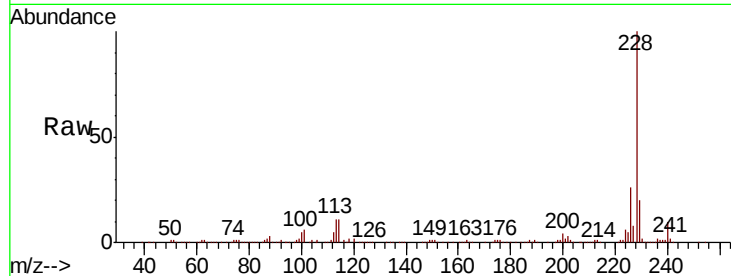
#81
Benzo(a)anthracene
Concen: 42.933 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.0	31.4
229	19.6	16.4	24.6

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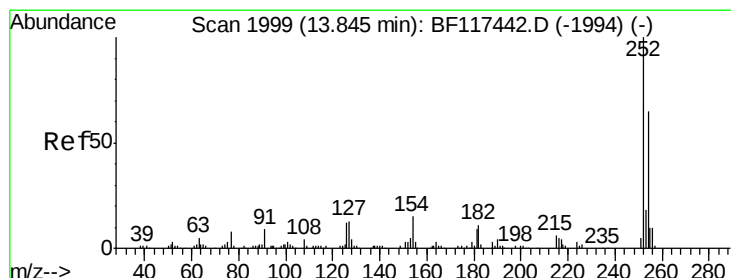
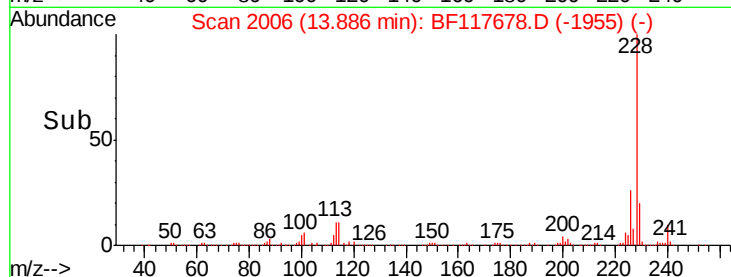
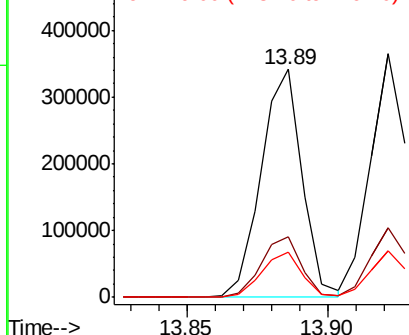


Abundance

Ion 228.00 (227.70 to 228.70): E

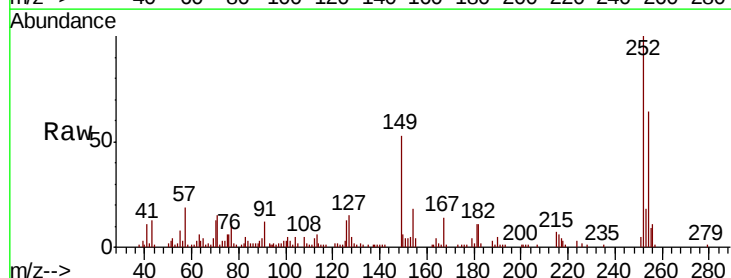
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 24.702 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.2	78.4
126	13.5	9.2	13.8

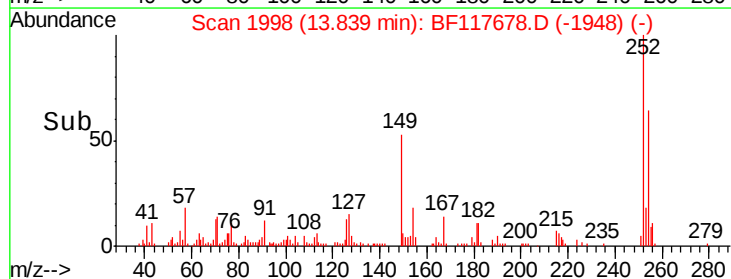
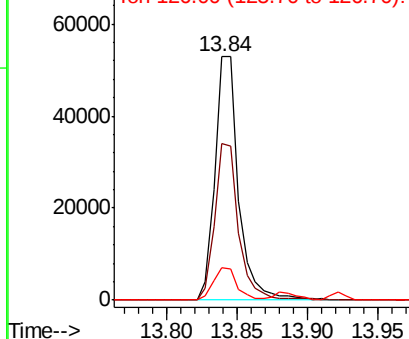


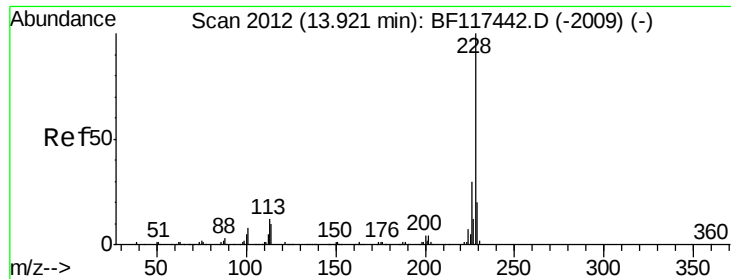
Abundance

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





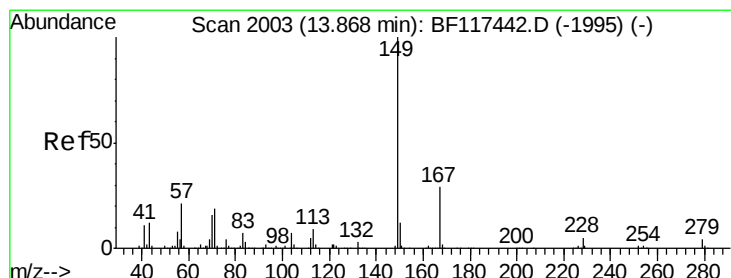
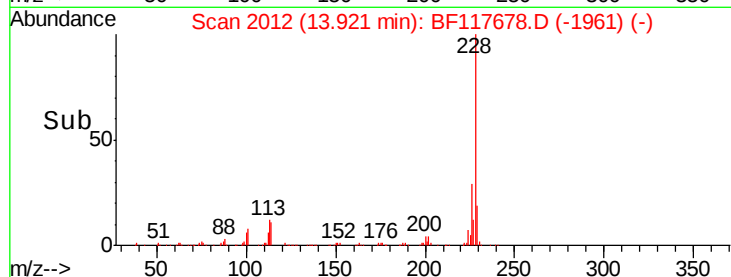
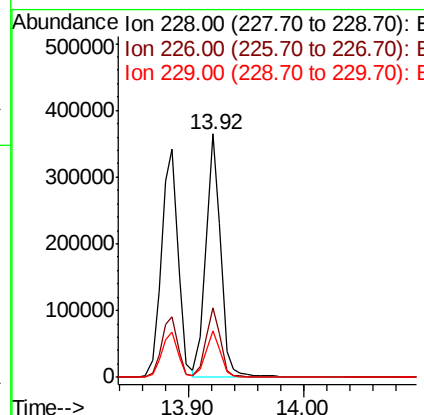
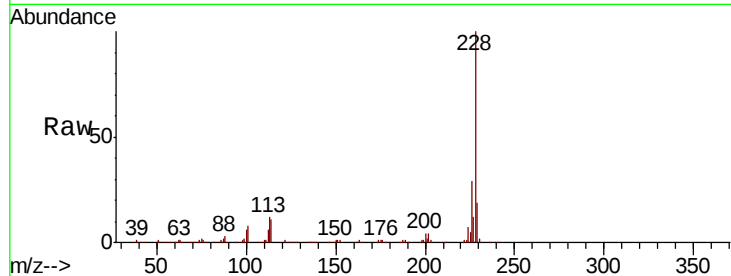
#83
Chrysene
Concen: 42.569 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.9	35.9
229	19.3	15.8	23.6

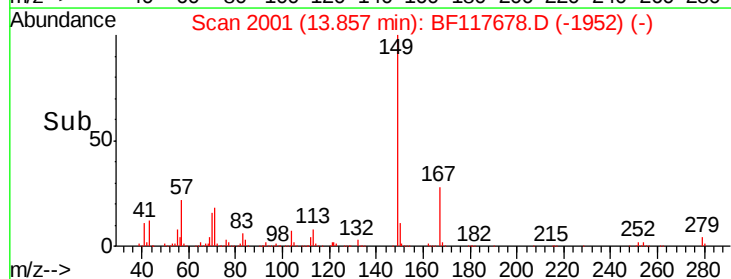
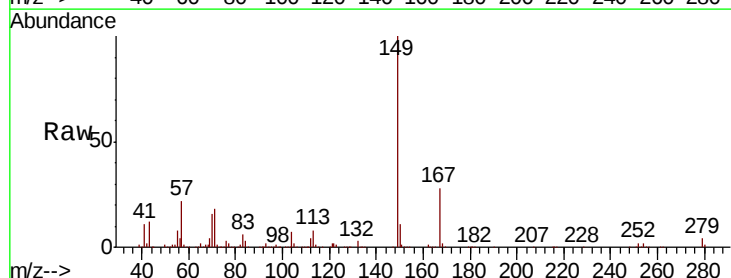
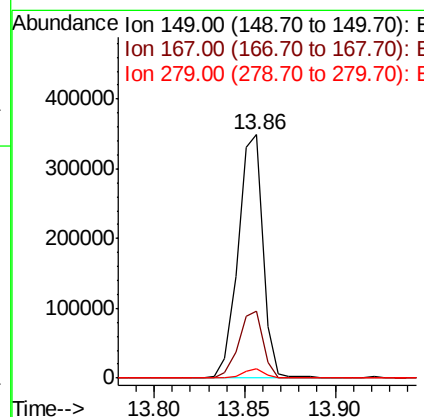
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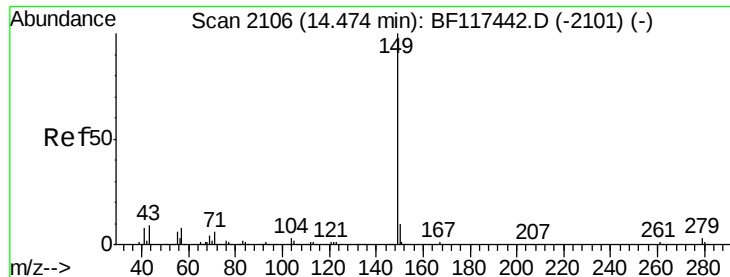
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.135 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	23.3	34.9
279	3.9	3.2	4.8





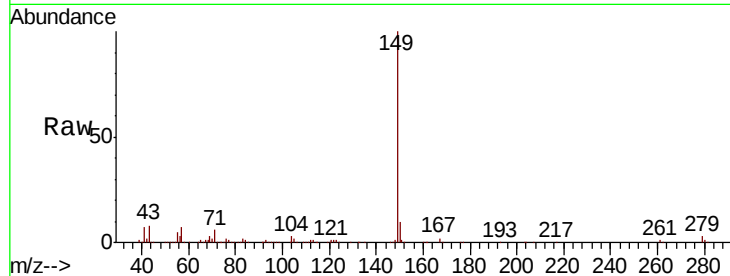
#85
Di-n-octyl phthalate
Concen: 51.293 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	556422		
167	1.5		1.2	1.8
43	8.5		6.8	10.2

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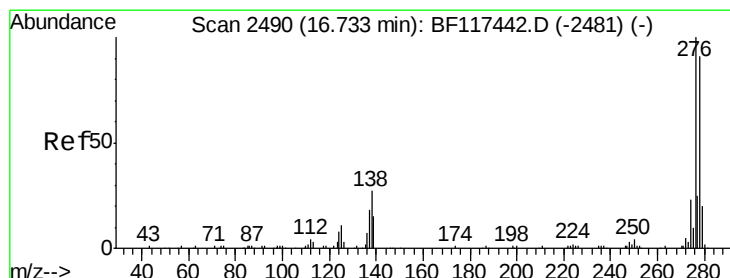
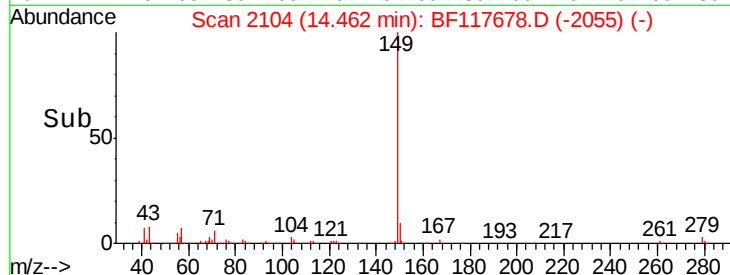
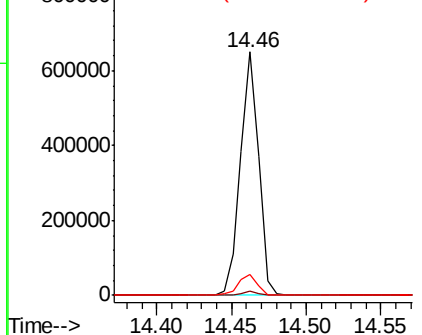


Abundance

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



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.624 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.02 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

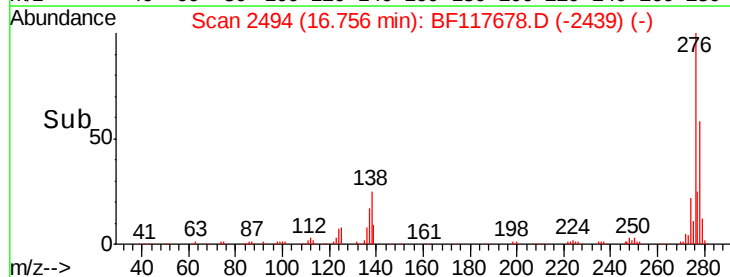
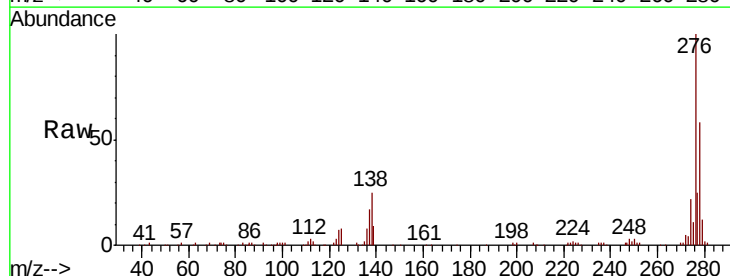
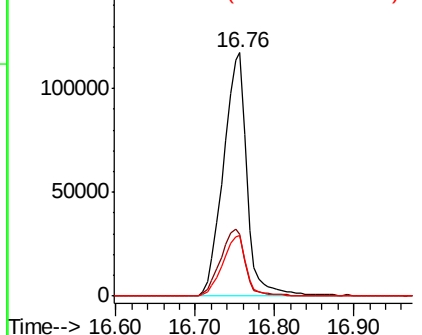
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	242095		
138	28.7		21.8	32.8
277	24.7		20.0	30.0

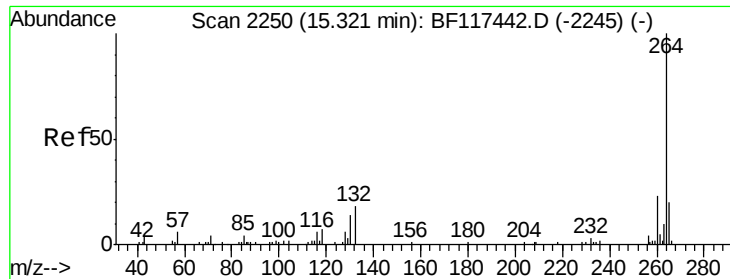
Abundance

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





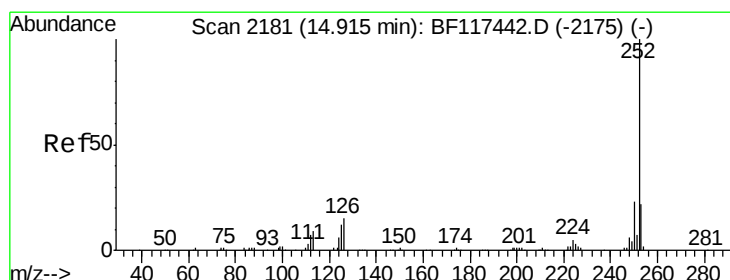
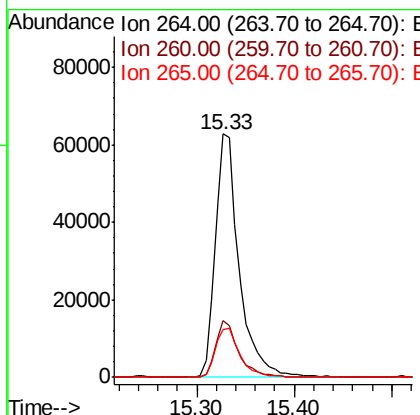
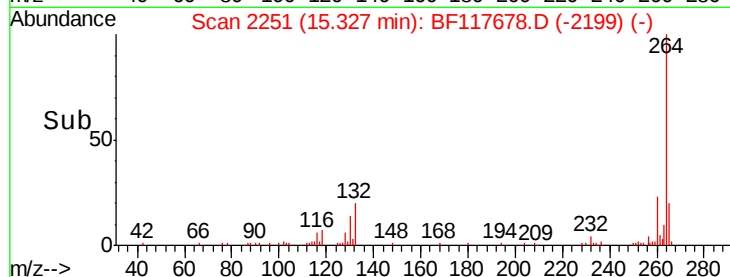
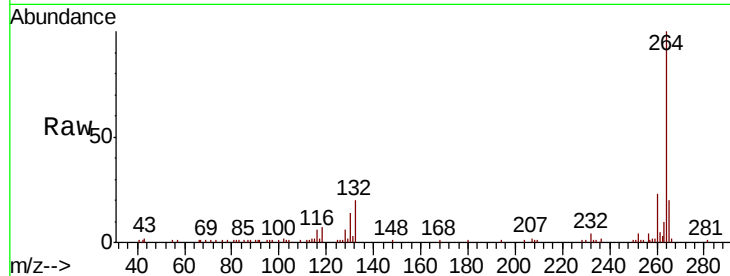
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	19.9	16.1	24.1

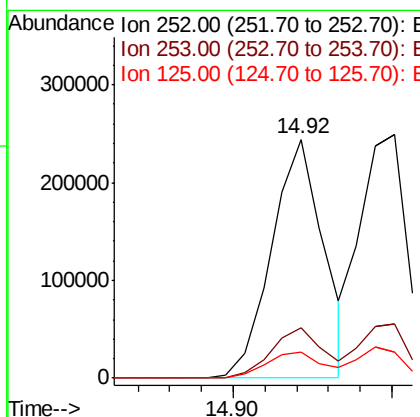
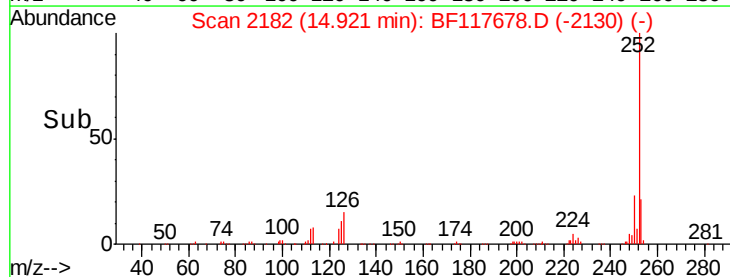
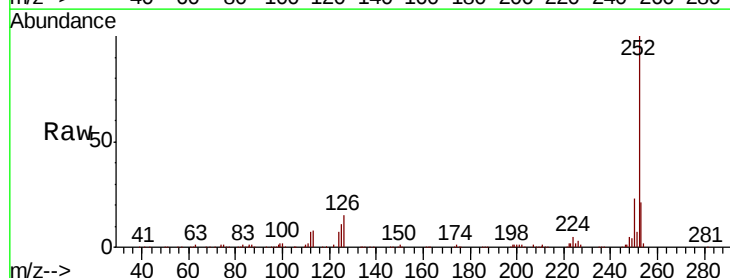
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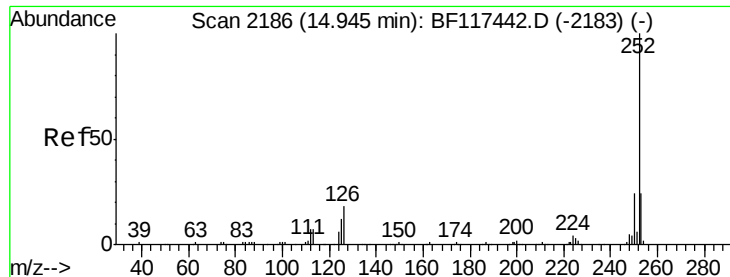
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.243 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.6
125	11.0	9.9	14.9





#89

Benzo(k)fluoranthene

Concen: 41.866 ng

RT: 14.95 min Scan# 2187

Delta R.T. 0.01 min

Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Instrument :

BNA_F

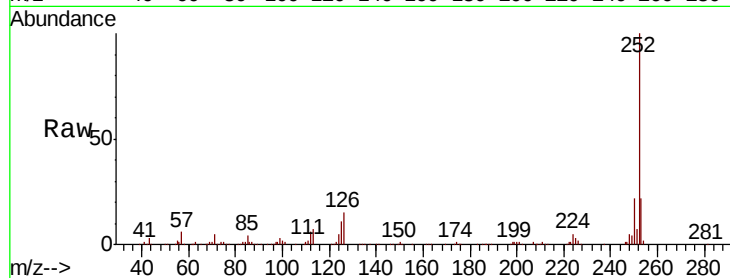
ClientSampleId :

OR-03-102919MSD

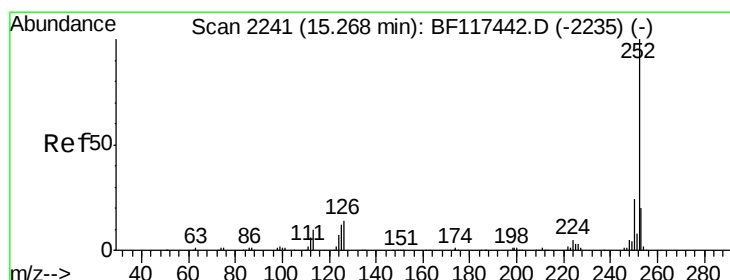
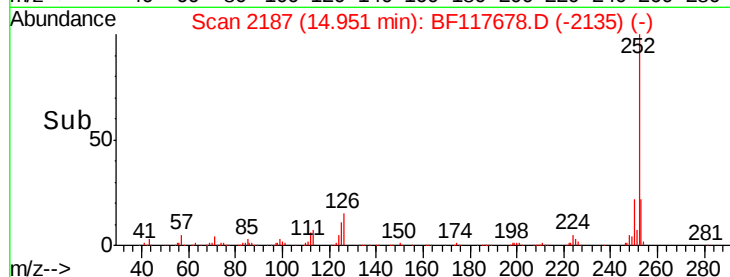
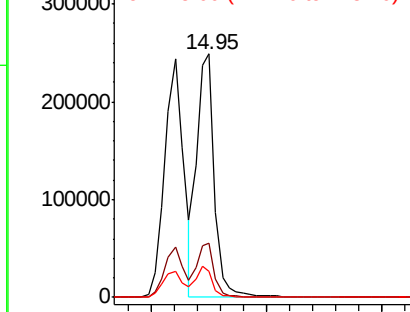
Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		269475		
253	22.4	18.0	27.0		
125	10.8	8.9	13.3		

Manual Integrations
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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



#90

Benzo(a)pyrene

Concen: 42.009 ng

RT: 15.27 min Scan# 2242

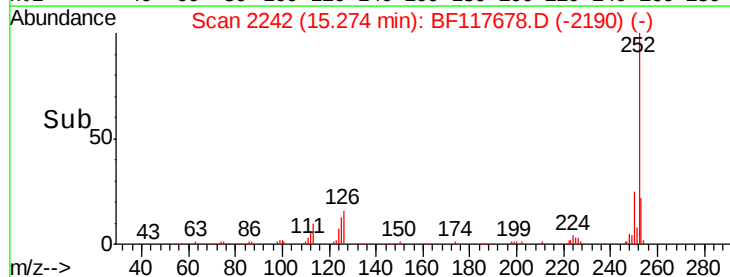
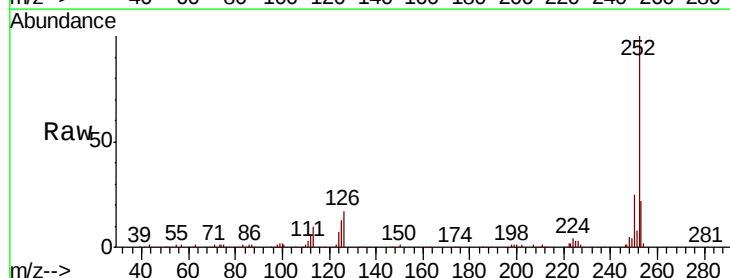
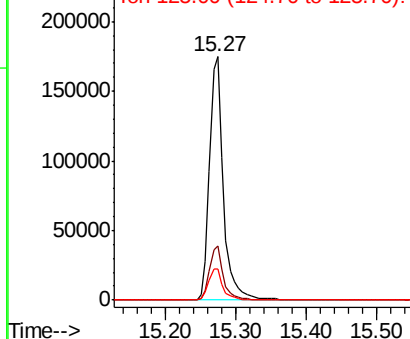
Delta R.T. 0.01 min

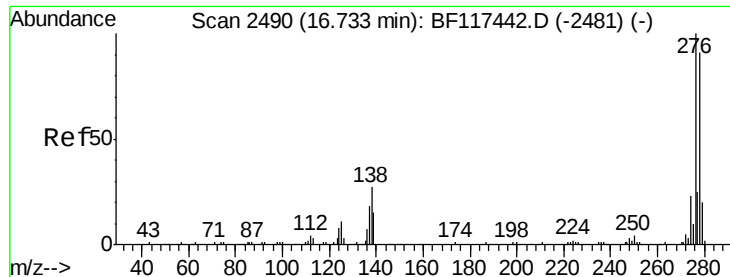
Lab File: BF117678.D

Acq: 1 Nov 2019 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		239867		
253	22.4	16.3	24.5		
125	12.9	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





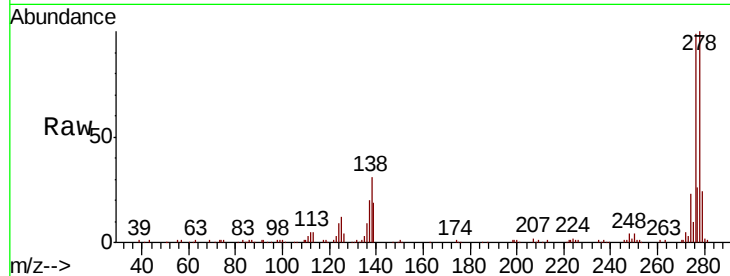
#91
Dibenzo(a,h)anthracene
Concen: 42.209 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MSD

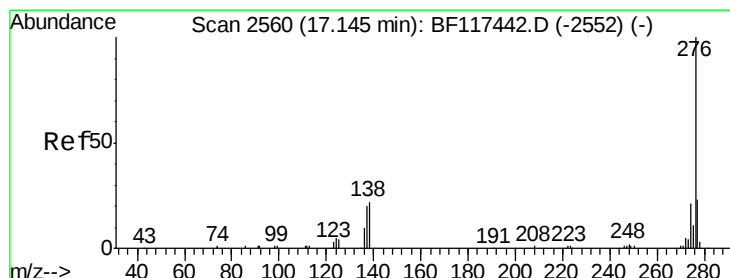
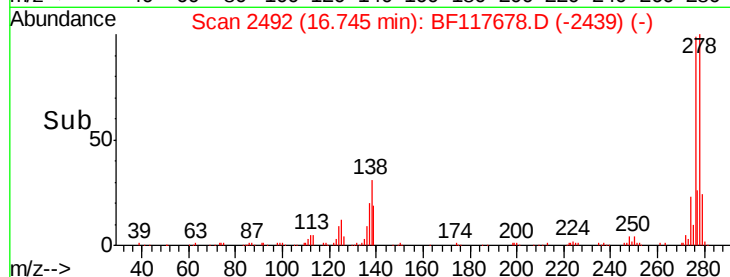
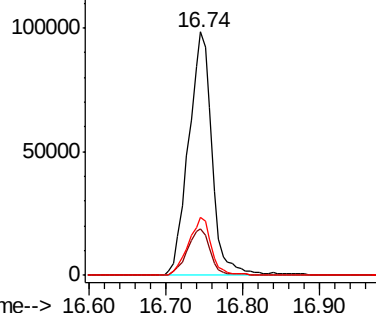
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.9	13.4	20.0
279	23.7	17.8	26.6

Manual Integrations
APPROVED

mohammad
11/4/2019 12:50:00 PM



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



#92
Benzo(g,h,i)perylene
Concen: 42.395 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.03 min
Lab File: BF117678.D
Acq: 1 Nov 2019 13:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.4	27.6
138	24.7	17.8	26.6

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

