

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
 Data File : BF115182.D
 Acq On : 25 Jun 2019 12:14
 Operator : HP/JU
 Sample : PB120870BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

Manual Integrations
 APPROVED

mohammad
 6/26/2019 2:03:11 PM

Quant Time: Jun 26 06:40:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	265919	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1071852	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	541113	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1044704	20.00	ng	0.00
76) Chrysene-d12	13.74	240	729122	20.00	ng	-0.01
87) Perylene-d12	15.10	264	778641	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1852026	107.48	ng	0.02
7) Phenol-d6	6.26	99	2292468	109.61	ng	0.00
23) Nitrobenzene-d5	7.18	82	1411492	81.01	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	669881	117.39	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2726132	85.58	ng	-0.01
79) Terphenyl-d14	12.70	244	2790335	81.37	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.29	88	291387	35.829	ng	99
3) Pyridine	2.94	79	786679	34.320	ng	99
4) n-Nitrosodimethylamine	2.88	42	326686	36.355	ng	99
6) Aniline	6.27	93	675635	23.504	ng	# 1
8) 2-Chlorophenol	6.40	128	787547	40.644	ng	98
9) Benzaldehyde	6.15	77	108229	7.932	ng	98
10) Phenol	6.27	94	899544	36.717	ng	95
11) bis(2-Chloroethyl)ether	6.35	93	709871	39.307	ng	98
12) 1,3-Dichlorobenzene	6.55	146	826216	38.421	ng	100
13) 1,4-Dichlorobenzene	6.63	146	833581	38.656	ng	99
14) 1,2-Dichlorobenzene	6.78	146	778598	38.989	ng	99
15) Benzyl Alcohol	6.76	79	546431	35.879	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1003344	38.305	ng	96
17) 2-Methylphenol	6.88	107	686752	42.939	ng	98
18) Hexachloroethane	7.12	117	299528	38.529	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	500135	37.350	ng	97
20) 3+4-Methylphenols	7.03	107	775985	42.018	ng	90
22) Acetophenone	7.02	105	1031887	42.052	ng	# 98
24) Nitrobenzene	7.20	77	789274	41.117	ng	98
25) Isophorone	7.44	82	1448307	40.576	ng	99
26) 2-Nitrophenol	7.51	139	446397	47.090	ng	97
27) 2,4-Dimethylphenol	7.56	122	741130	47.750	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	907665	40.233	ng	99
29) 2,4-Dichlorophenol	7.75	162	695846	43.443	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	735366	41.563	ng	100
31) Naphthalene	7.91	128	2220763	42.208	ng	100
32) Benzoic acid	7.70	122	580145	52.364	ng	97
33) 4-Chloroaniline	7.96	127	559967	23.287	ng	99
34) Hexachlorobutadiene	8.04	225	395972	40.840	ng	99
35) Caprolactam	8.34	113	231359m	42.962	ng	
36) 4-Chloro-3-methylphenol	8.45	107	710350	43.791	ng	99
37) 2-Methylnaphthalene	8.61	142	1534635	43.259	ng	99
38) 1-Methylnaphthalene	8.71	142	1458671	43.052	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	644128	42.125	ng	100

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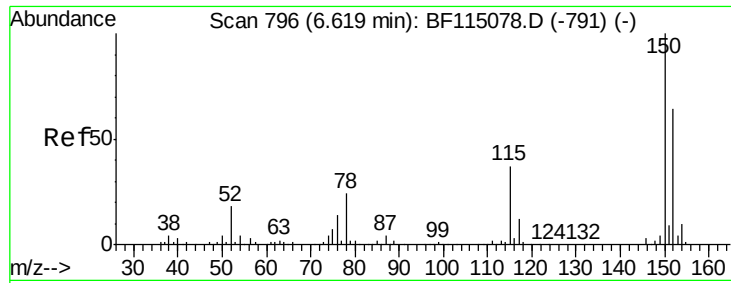
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	675061	74.453	ng	100
43) 2,4,6-Trichlorophenol	8.88	196	500244	42.375	ng	99
44) 2,4,5-Trichlorophenol	8.93	196	539547	44.381	ng	98
46) 1,1'-Biphenyl	9.07	154	1769093	40.860	ng	98
47) 2-Chloronaphthalene	9.09	162	1443436	41.100	ng	97
48) 2-Nitroaniline	9.18	65	426055	41.611	ng	96
49) Acenaphthylene	9.50	152	2249169	41.104	ng	99
50) Dimethylphthalate	9.38	163	1643239	41.276	ng	100
51) 2,6-Dinitrotoluene	9.43	165	395594	43.041	ng	96
52) Acenaphthene	9.68	154	1395650	40.761	ng	99
53) 3-Nitroaniline	9.59	138	292234	26.055	ng	97
54) 2,4-Dinitrophenol	9.70	184	426329	89.212	ng	95
55) Dibenzofuran	9.85	168	1960649	39.896	ng	98
56) 4-Nitrophenol	9.77	139	709025	78.851	ng	96
57) 2,4-Dinitrotoluene	9.83	165	519507	43.775	ng	94
58) Fluorene	10.19	166	1366020	41.192	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	458118	44.940	ng	97
60) Diethylphthalate	10.08	149	1616991	40.406	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	653578	41.505	ng	96
62) 4-Nitroaniline	10.21	138	428559	38.087	ng	98
63) Azobenzene	10.34	77	1493683	39.961	ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	256639	46.358	ng	91
66) n-Nitrosodiphenylamine	10.30	169	1369277	42.070	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	469078	41.413	ng	93
68) Hexachlorobenzene	10.74	284	514892	41.880	ng	96
69) Atrazine	10.83	200	434572	41.507	ng	99
70) Pentachlorophenol	10.92	266	632414	80.743	ng	97
71) Phenanthrene	11.14	178	2206237	39.223	ng	100
72) Anthracene	11.19	178	2267772	39.940	ng	98
73) Carbazole	11.34	167	2068497	40.798	ng	99
74) Di-n-butylphthalate	11.69	149	2362548	40.325	ng	98
75) Fluoranthene	12.32	202	2269868	40.446	ng	98
77) Benzidine	12.44	184	776386	23.980	ng	99
78) Pyrene	12.54	202	2306574	41.164	ng	98
80) Butylbenzylphthalate	13.18	149	1070158	43.277	ng	95
81) Benzo(a)anthracene	13.72	228	2128501	40.685	ng	100
82) 3,3'-Dichlorobenzidine	13.69	252	674340	35.693	ng	98
83) Chrysene	13.77	228	2025751	42.271	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1382032	42.653	ng	100
85) Di-n-octyl phthalate	14.35	149	2355242	43.263	ng	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2387453	42.101	ng	99
88) Benzo(b)fluoranthene	14.73	252	2344025	48.246	ng	99
89) Benzo(k)fluoranthene	14.76	252	1985392	45.568	ng	97
90) Benzo(a)pyrene	15.05	252	2124903	48.525	ng	100
91) Dibenzo(a,h)anthracene	16.40	278	1965261	48.073	ng	98
92) Benzo(g,h,i)perylene	16.76	276	1994331	48.200	ng	99

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



#1

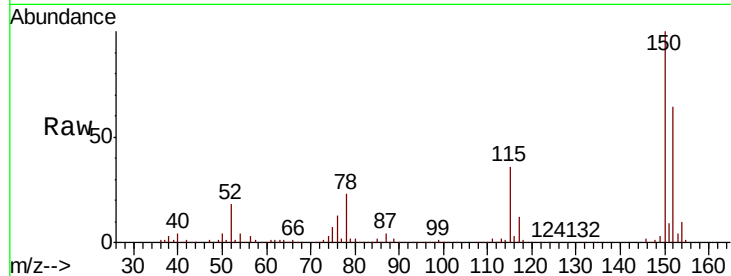
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.2	186.2
115	57.2	46.1	69.1

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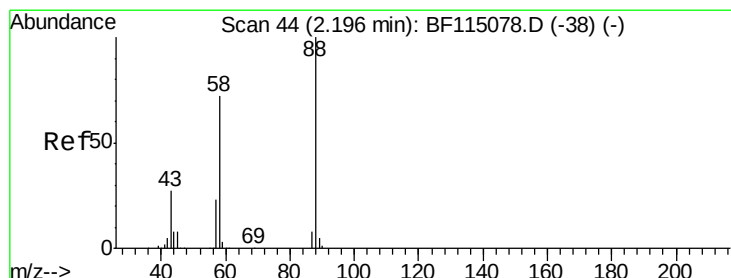
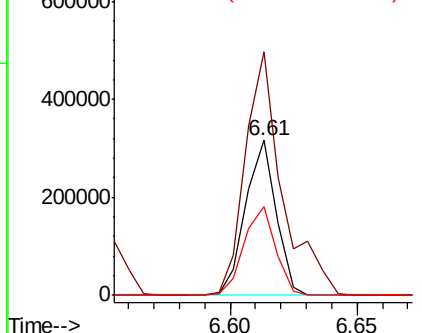
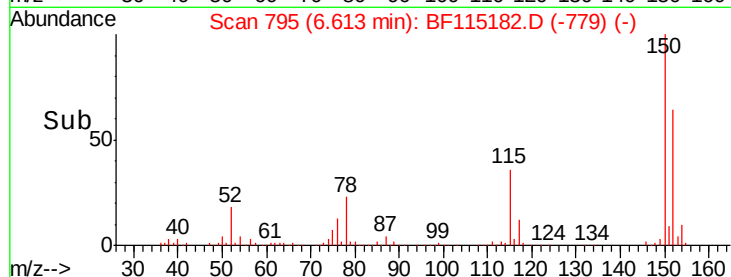


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

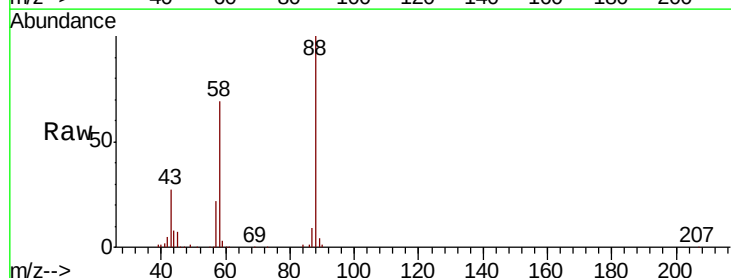
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.829 ng
RT: 2.29 min Scan# 60
Delta R.T. 0.09 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	56.1	84.1
43	26.2	21.3	31.9

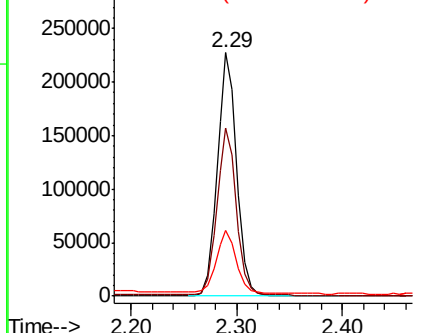
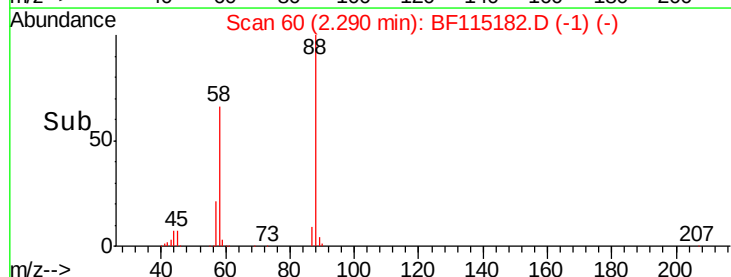


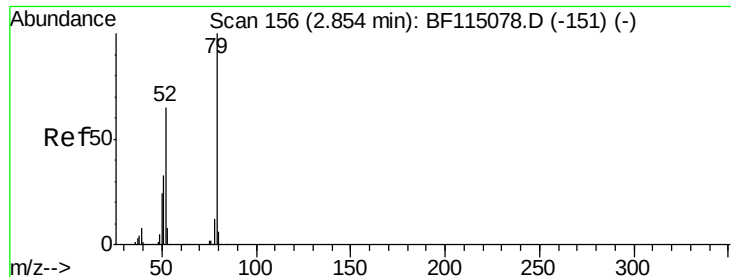
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.320 ng

RT: 2.94 min Scan# 170

Delta R.T. 0.08 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

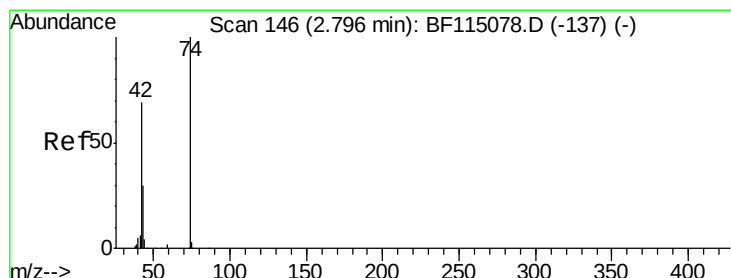
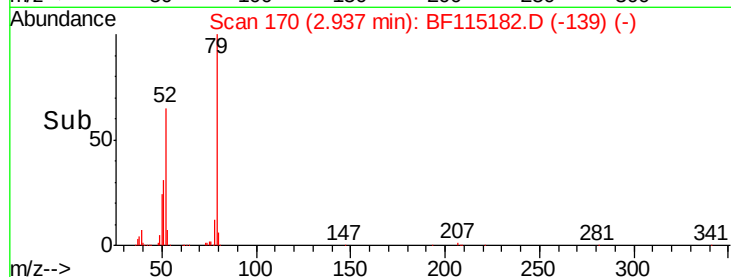
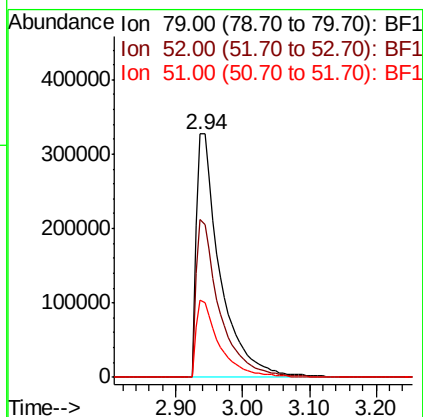
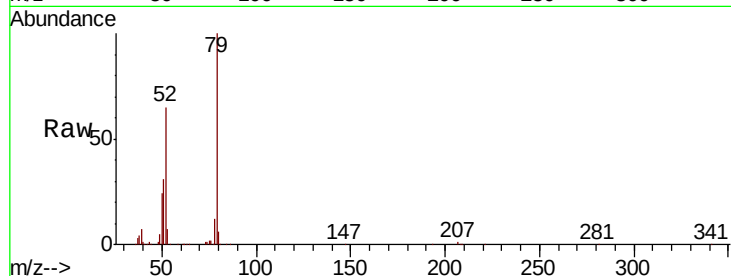
ClientSampleId :

PB120870BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.7	52.3	78.5
51	31.5	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 36.355 ng

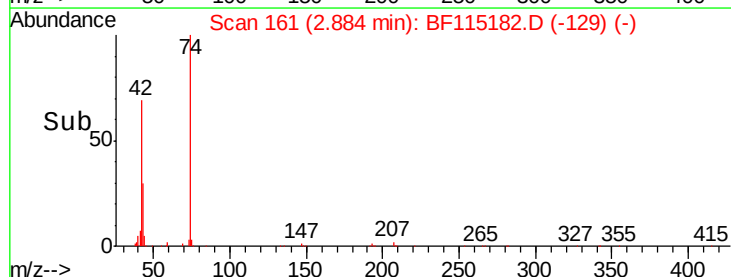
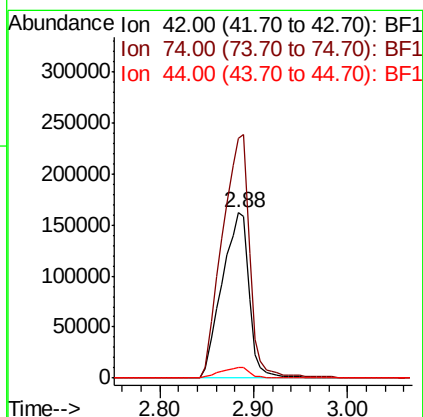
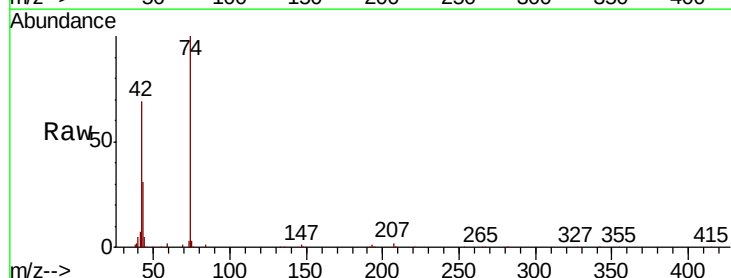
RT: 2.88 min Scan# 161

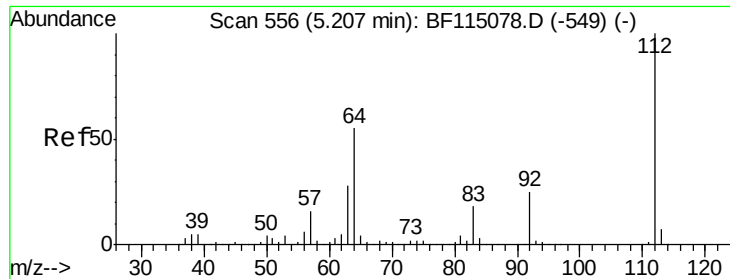
Delta R.T. 0.09 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.0	116.6	175.0
44	6.8	5.3	7.9





#5

2-Fluorophenol

Concen: 107.476 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

Tot Ion: 112 Resp: 1852026

Ion Ratio Lower Upper

112 100

64 54.6 43.8 65.6

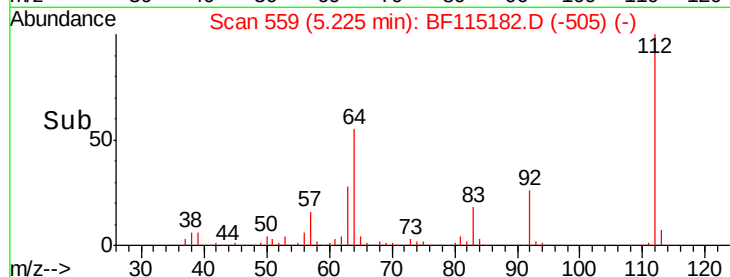
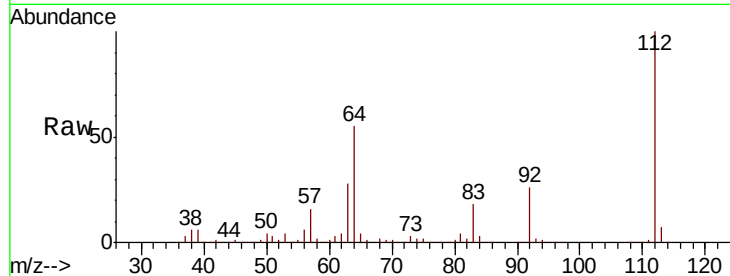
63 28.3 22.2 33.4

Manual Integrations

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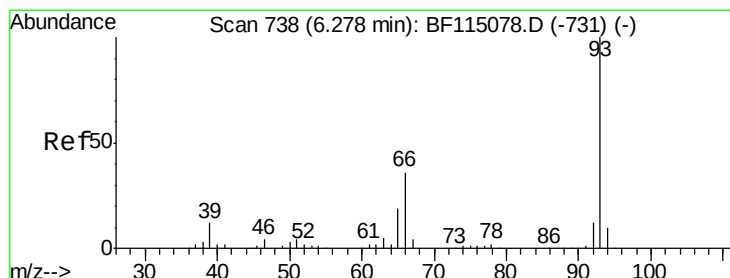
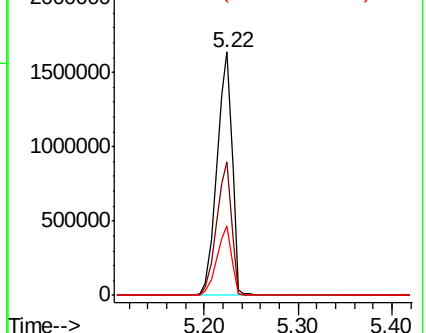
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.504 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

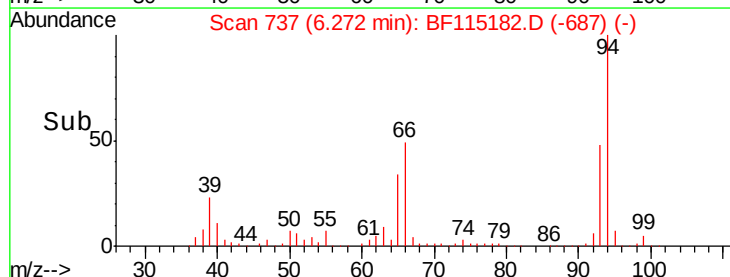
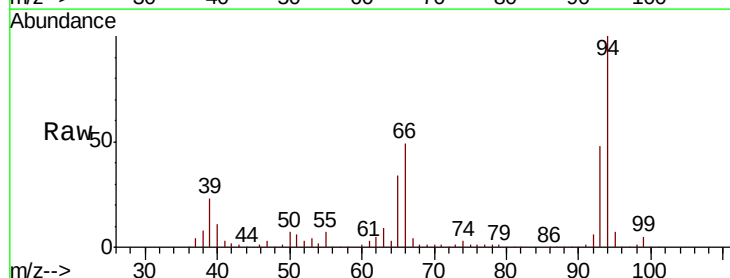
Tgt Ion: 93 Resp: 675635

Ion Ratio Lower Upper

93 100

66 103.6 30.0 45.0#

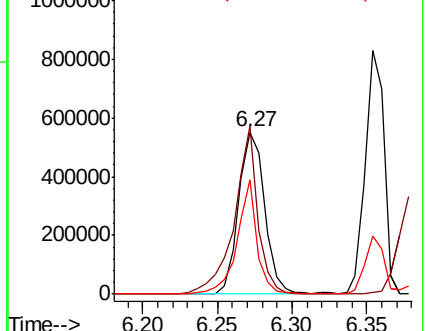
65 70.5 15.6 23.4#

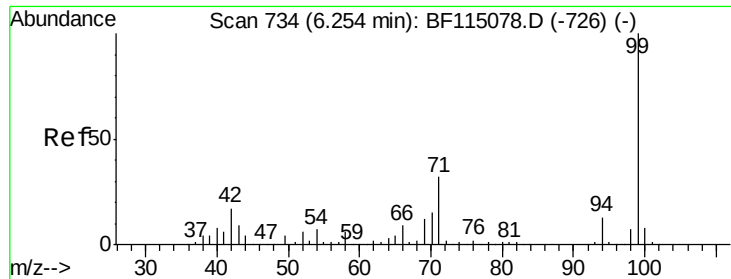


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.607 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

Tot Ion: 99 Resp: 2292468

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

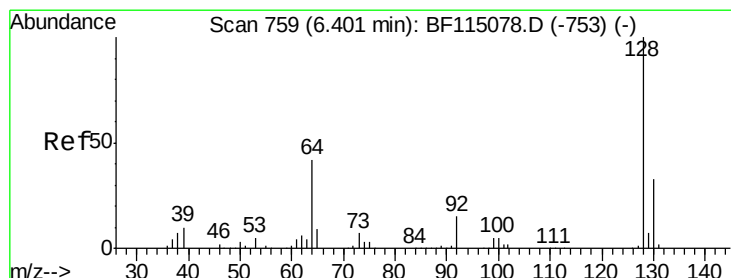
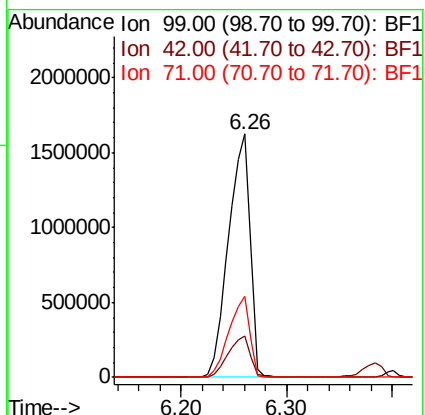
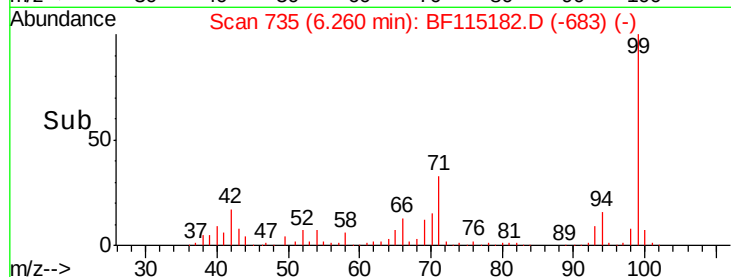
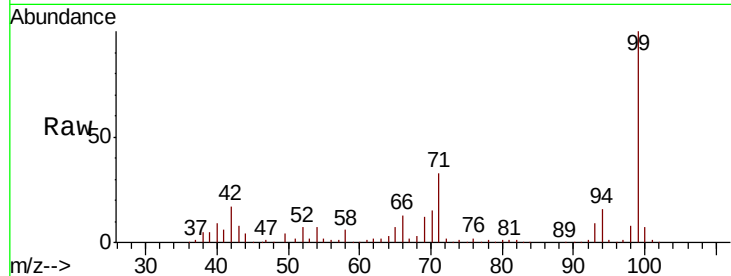
71 33.3 25.5 38.3

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#8

2-Chlorophenol

Concen: 40.644 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

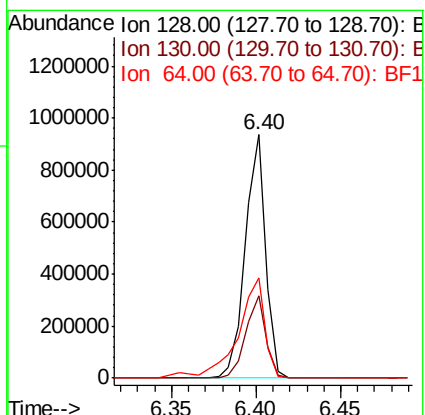
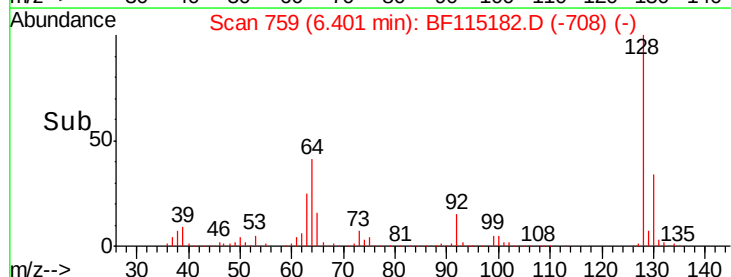
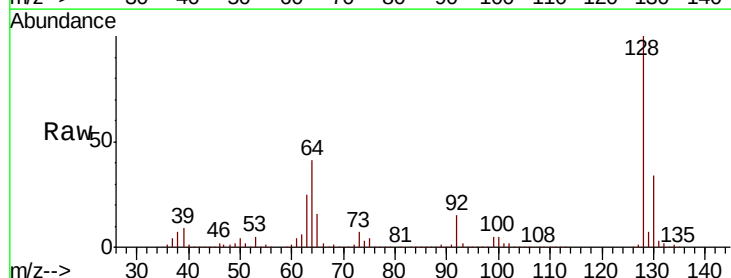
Tgt Ion: 128 Resp: 787547

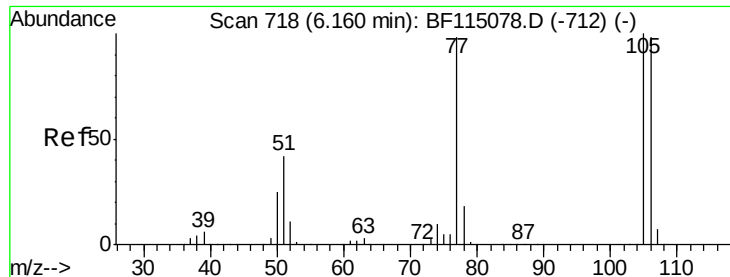
Ion Ratio Lower Upper

128 100

130 33.6 12.9 52.9

64 41.0 22.9 62.9





#9

Benzaldehyde

Concen: 7.932 ng

RT: 6.15 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

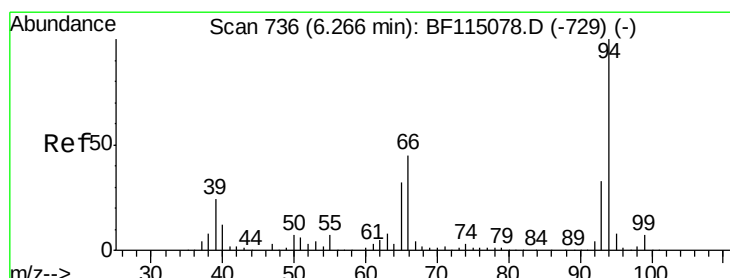
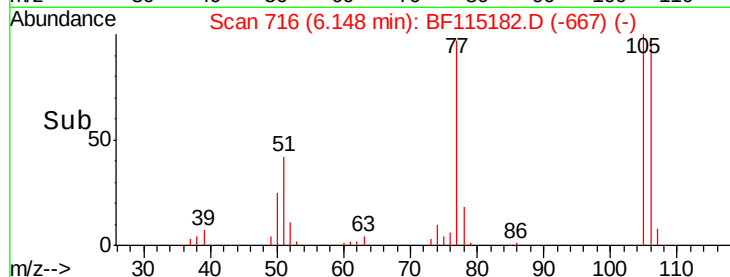
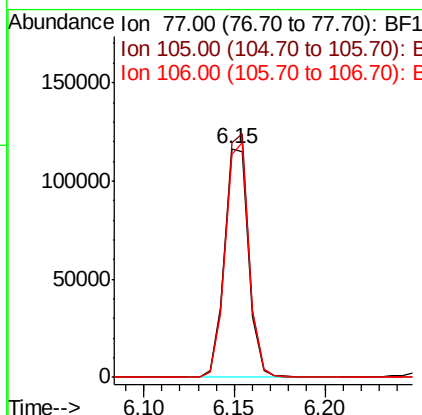
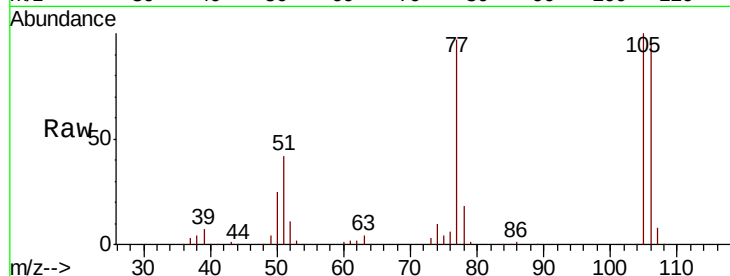
ClientSampleId :

PB120870BS

Tot Ion:	77	Resp:	108229
Ion	Ratio	Lower	Upper
77	100		
105	102.6	81.5	121.5
106	97.7	79.7	119.7

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#10

Phenol

Concen: 36.717 ng

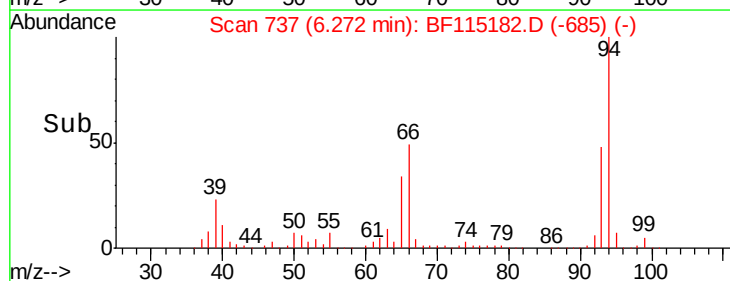
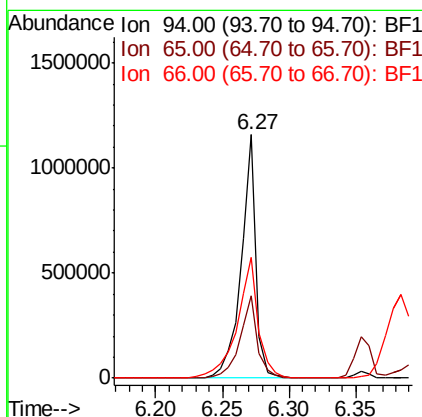
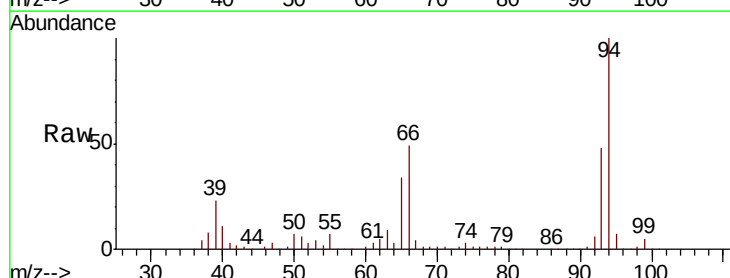
RT: 6.27 min Scan# 737

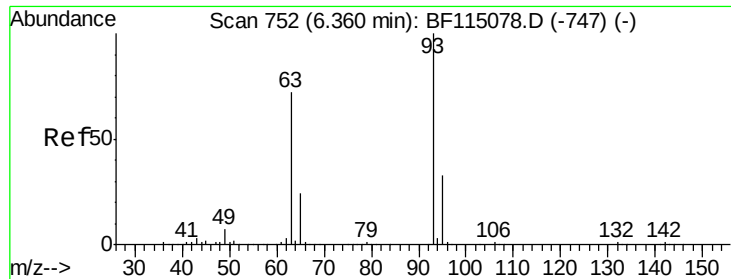
Delta R.T. 0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Tgt Ion:	94	Resp:	899544
Ion	Ratio	Lower	Upper
94	100		
65	33.6	11.9	51.9
66	49.4	25.2	65.2





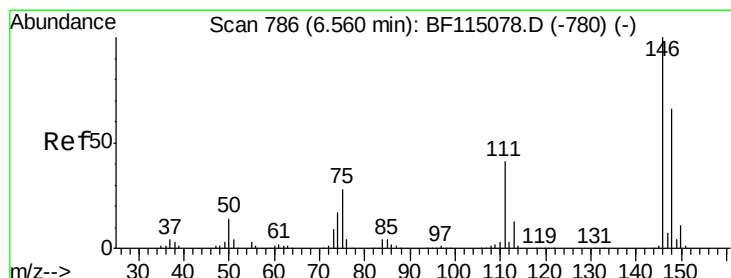
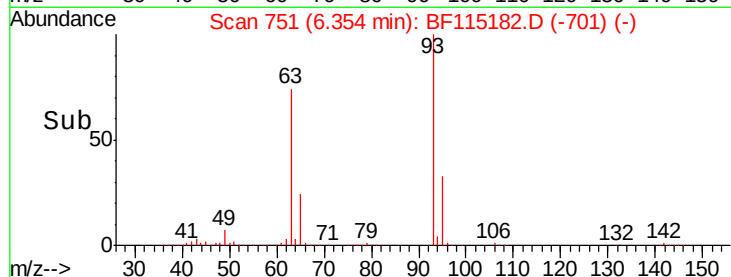
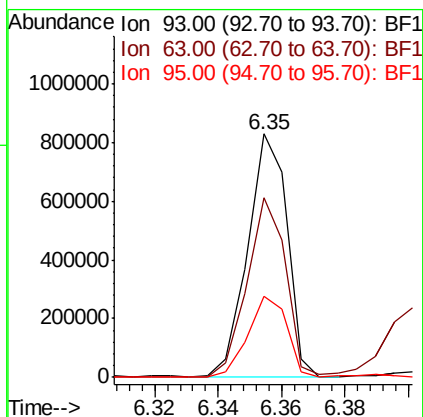
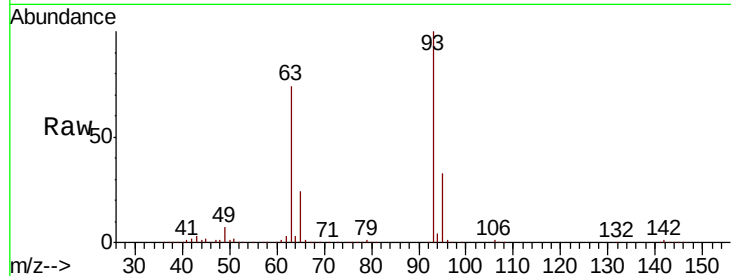
#11
bis(2-Chloroethyl)ether
Concen: 39.307 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampled :
PB120870BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.5	51.5	91.5
95	33.1	13.4	53.4

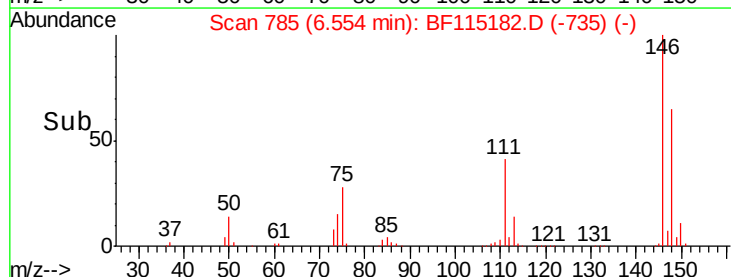
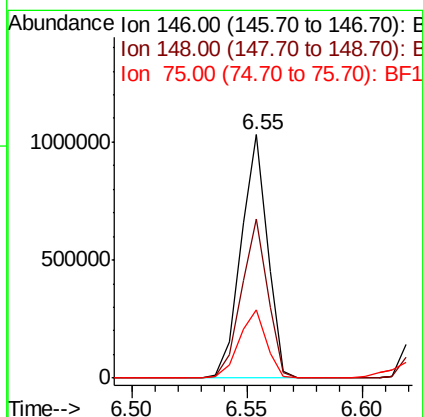
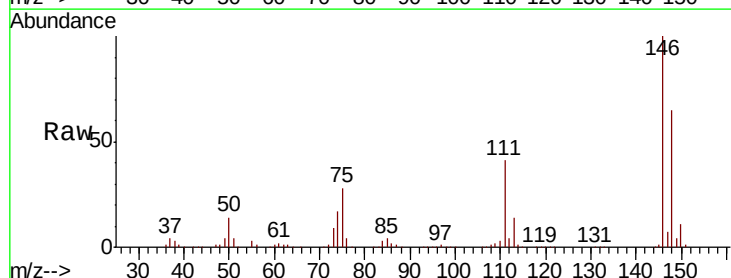
Manual Integrations
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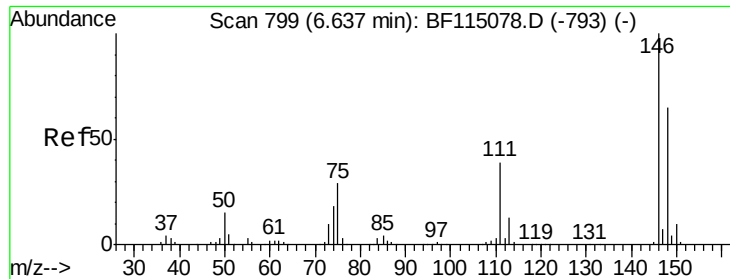
mohammad
6/26/2019 2:03:11 PM



#12
1,3-Dichlorobenzene
Concen: 38.421 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.6	78.8
75	28.1	22.6	34.0





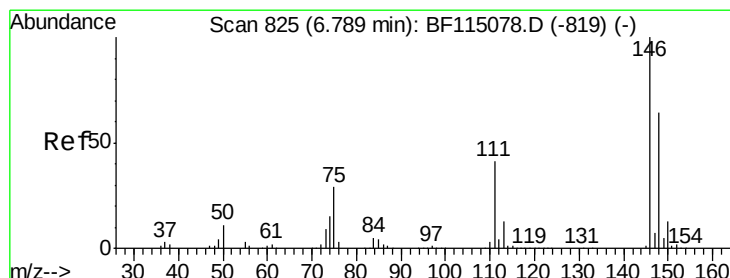
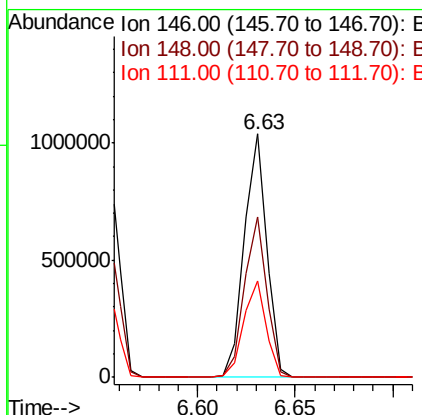
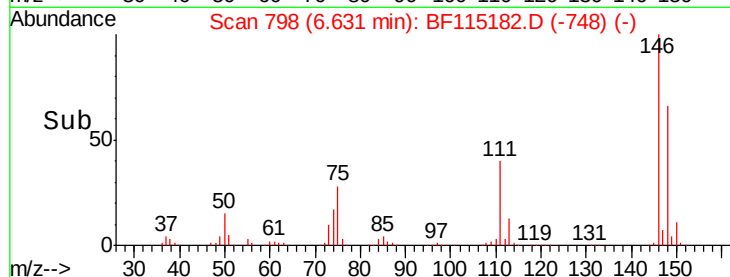
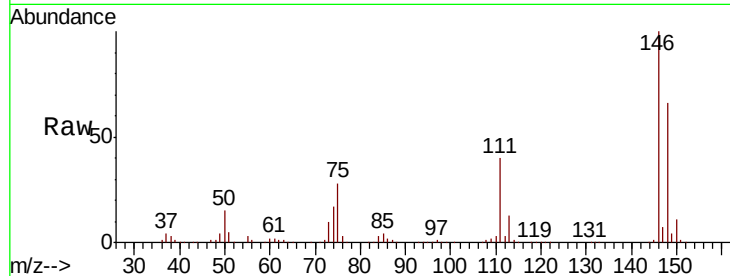
#13
 1,4-Dichlorobenzene
 Concen: 38.656 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Instrument :
 BNA_F
 ClientSampled :
 PB120870BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.9	77.9
111	39.7	31.4	47.0

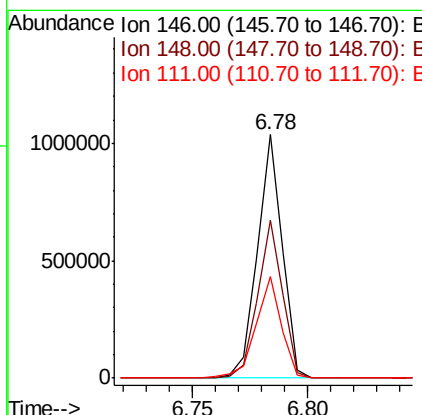
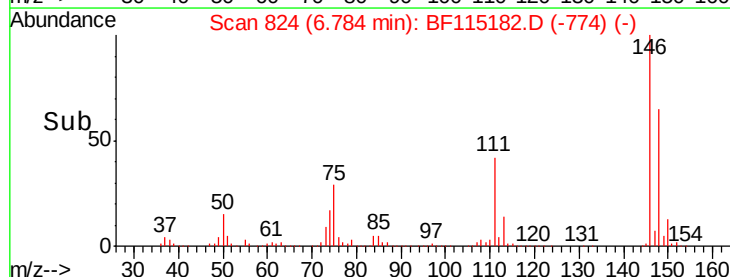
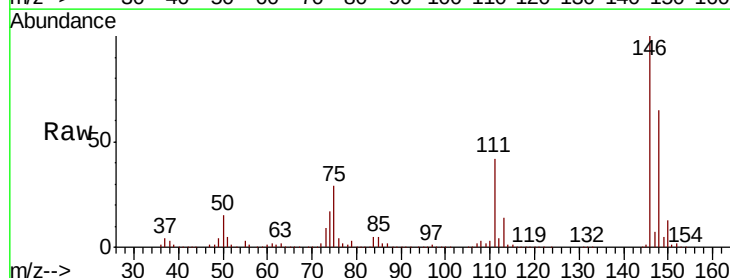
Manual Integrations
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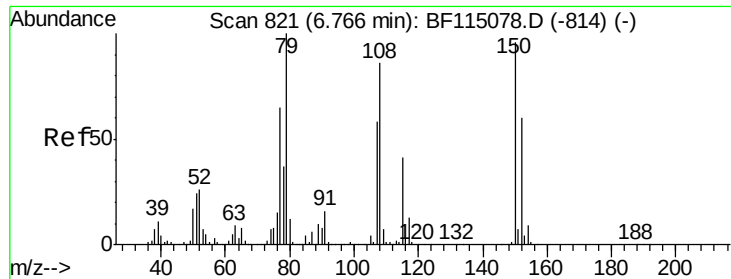
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.989 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.1	76.7
111	41.9	33.2	49.8





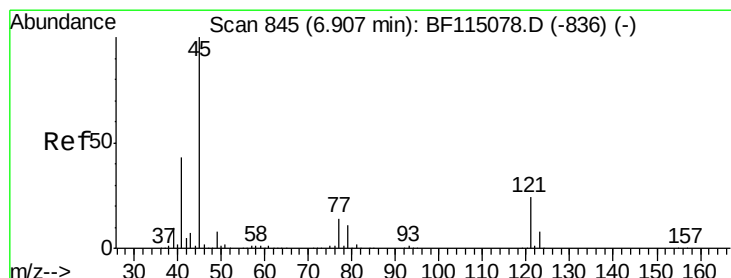
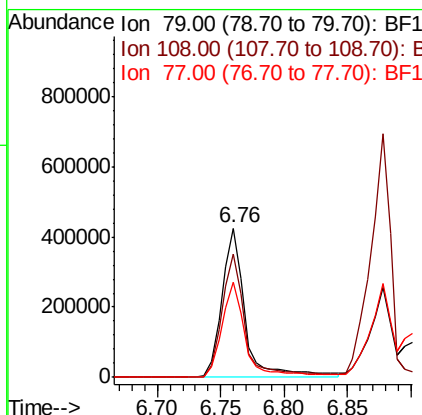
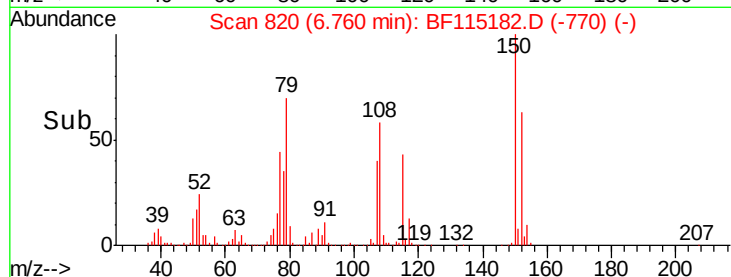
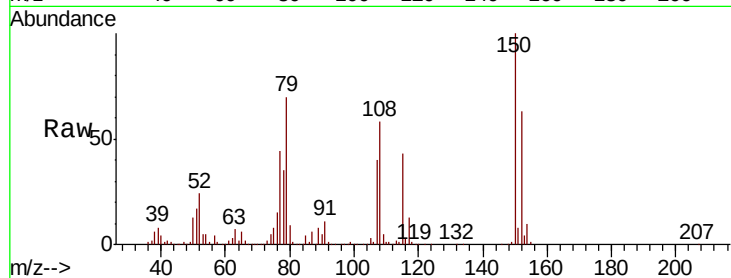
#15
Benzyl Alcohol
Concen: 35.879 ng
RT: 6.76 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleID :
PB120870BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.7	68.7	103.1
77	63.7	51.7	77.5

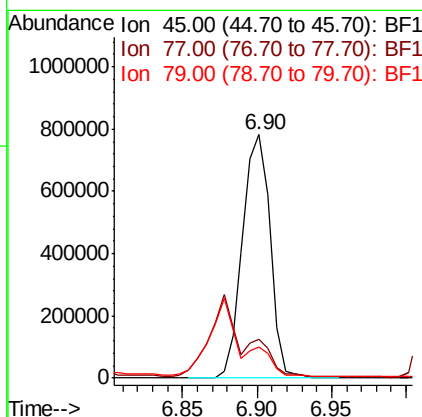
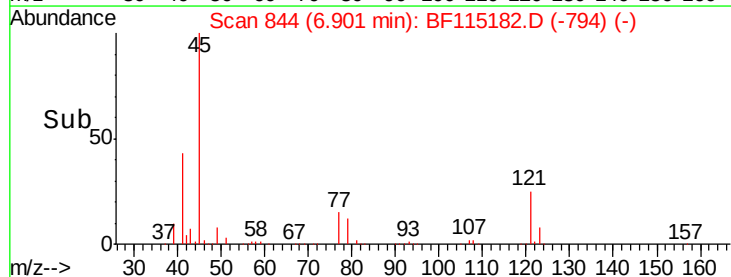
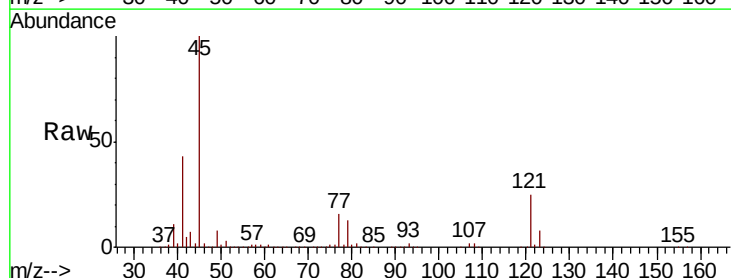
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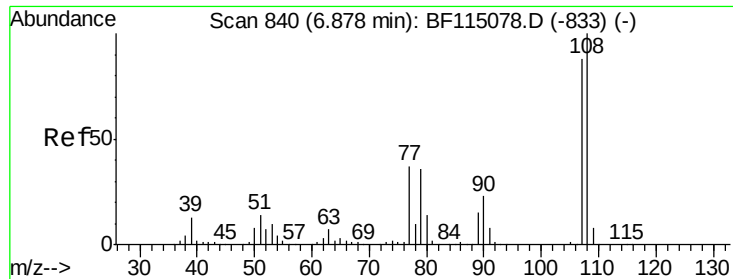
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.305 ng
RT: 6.90 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	34.6
79	12.8	0.0	31.2





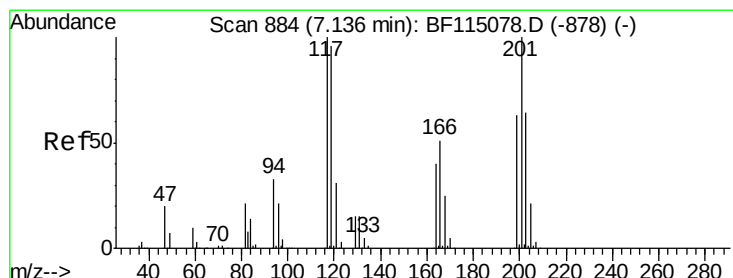
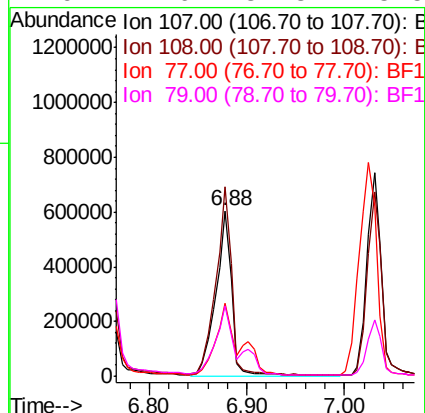
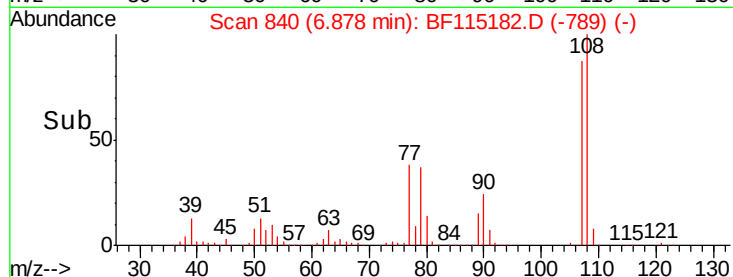
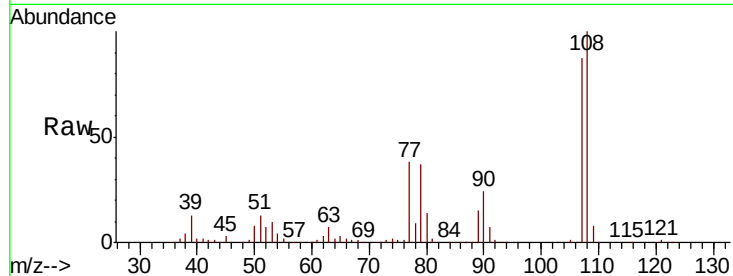
#17
2-Methylphenol
Concen: 42.939 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	90.9	136.3
77	44.1	33.4	50.2
79	42.6	32.3	48.5

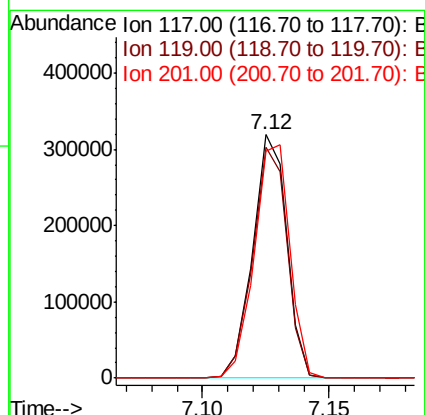
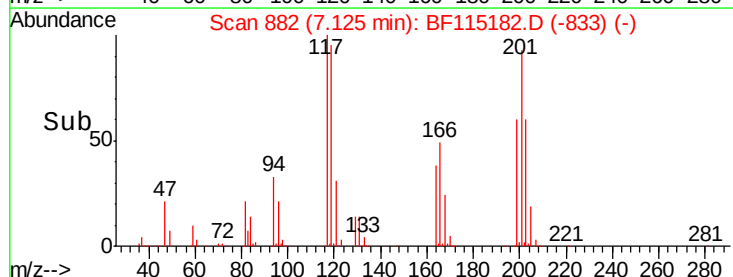
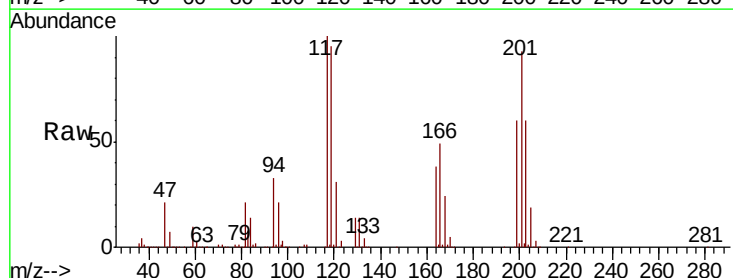
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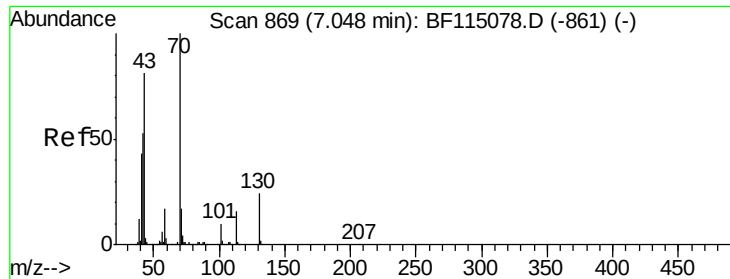
mohammad
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#18
Hexachloroethane
Concen: 38.529 ng
RT: 7.12 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.6	114.8
201	93.1	80.2	120.2





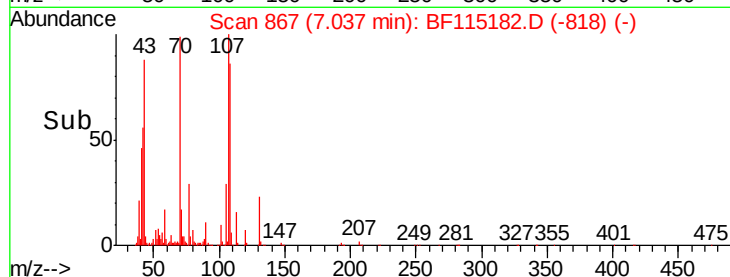
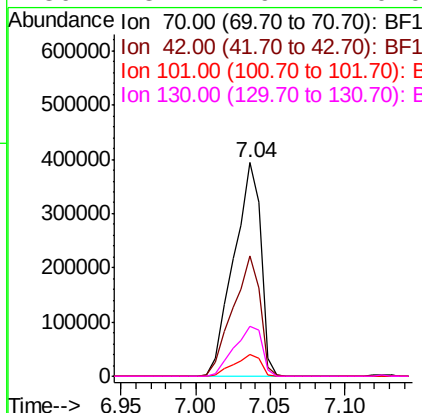
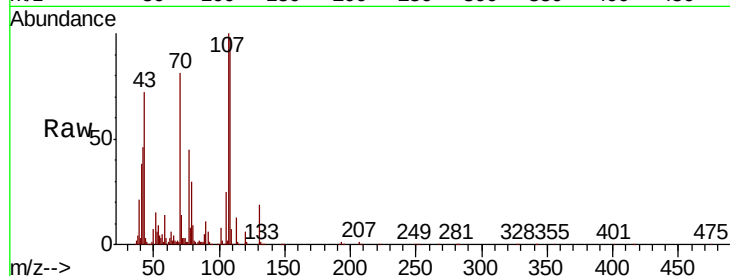
#19
n-Nitroso-di-n-propylamine
Concen: 37.350 ng
RT: 7.04 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.5	42.6	63.8
101	10.2	8.0	12.0
130	23.2	19.4	29.0

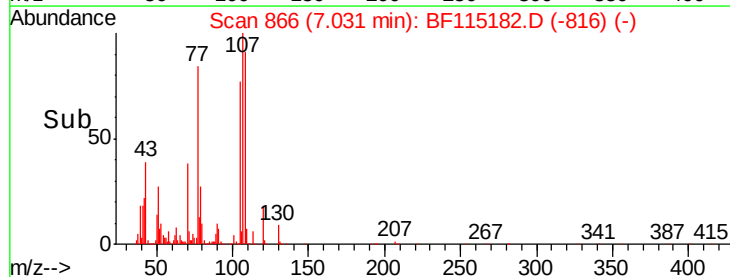
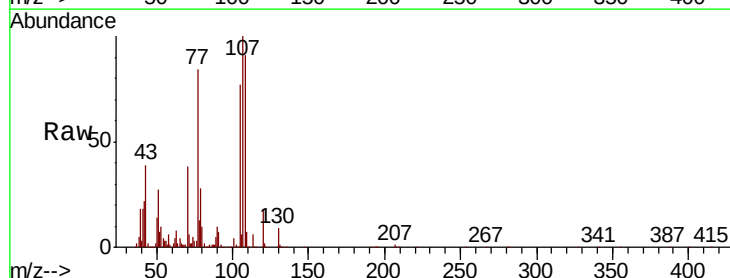
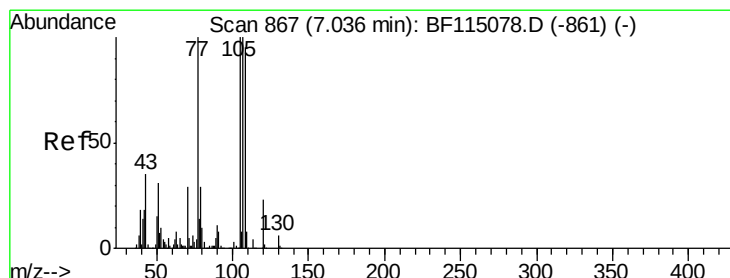
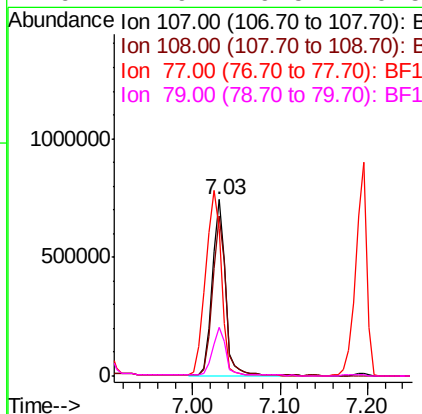
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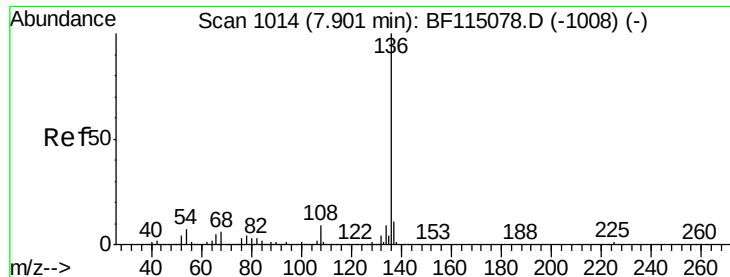
mohammad
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#20
3+4-Methylphenols
Concen: 42.018 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.0	75.5	115.5
77	83.7	80.2	120.2
79	27.9	9.5	49.5





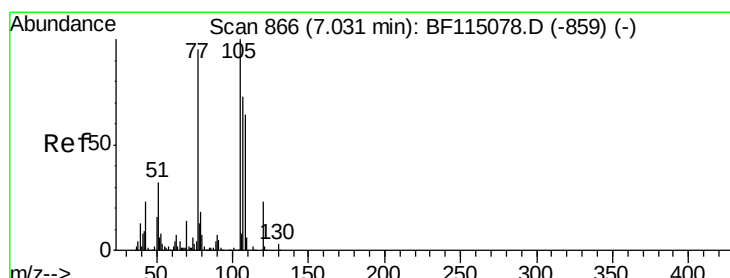
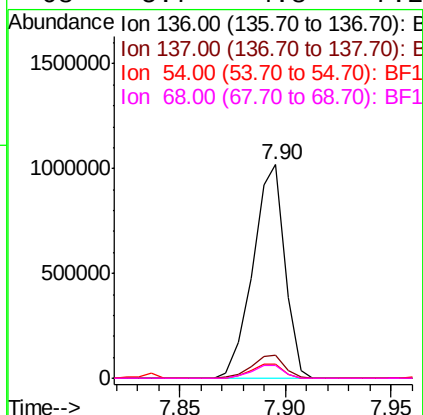
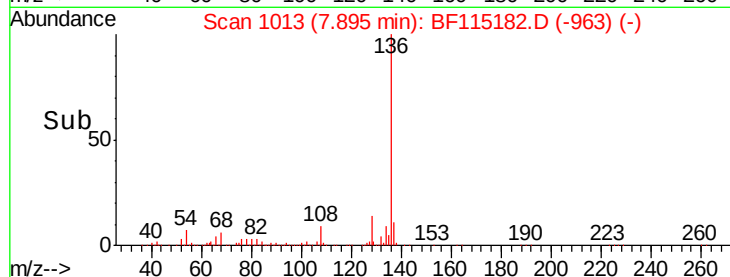
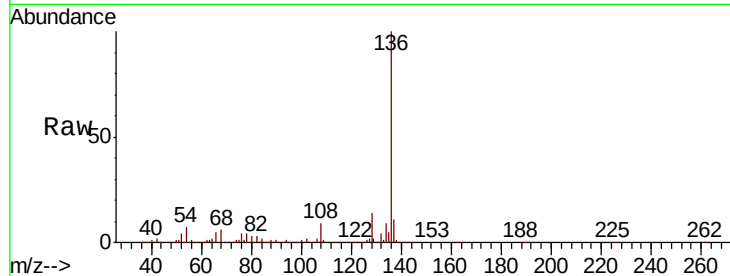
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.6	5.6	8.4
68	5.7	4.8	7.2

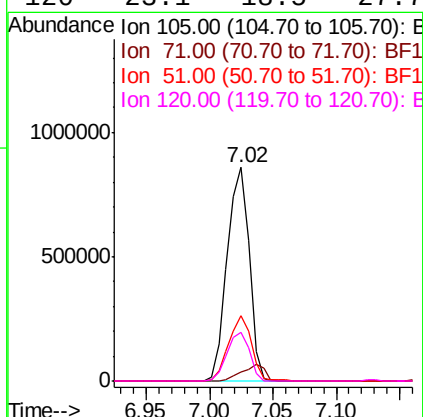
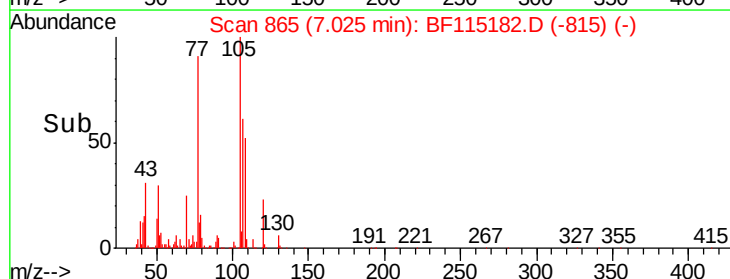
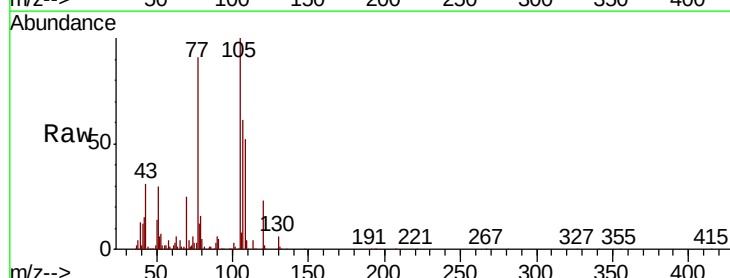
Manual Integrations
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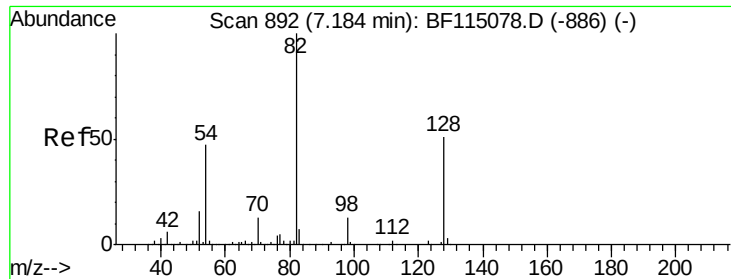
mohammad
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#22
Acetophenone
Concen: 42.052 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.4	1.9	2.9#
51	30.4	25.8	38.8
120	23.1	18.5	27.7





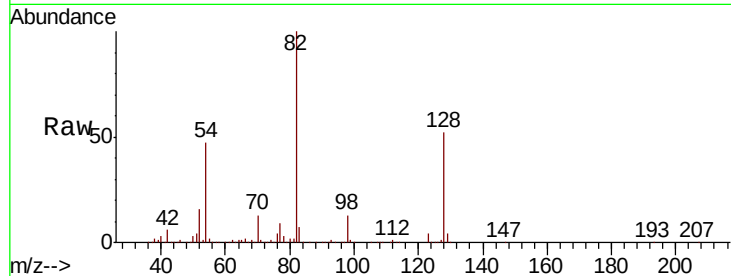
#23
Nitrobenzene-d5
Concen: 81.008 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tot Ion	82	Resp	1411492
Ion Ratio	100	Lower	Upper
82	100		
128	51.8	40.4	60.6
54	47.3	37.5	56.3

Manual Integrations
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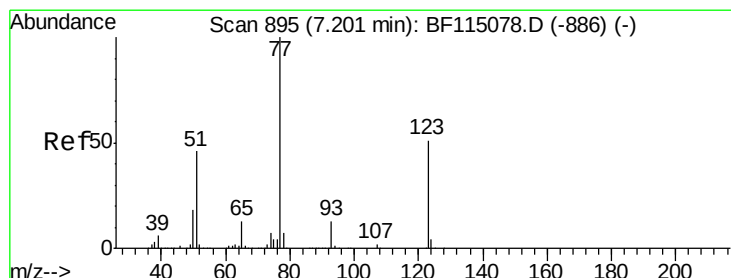
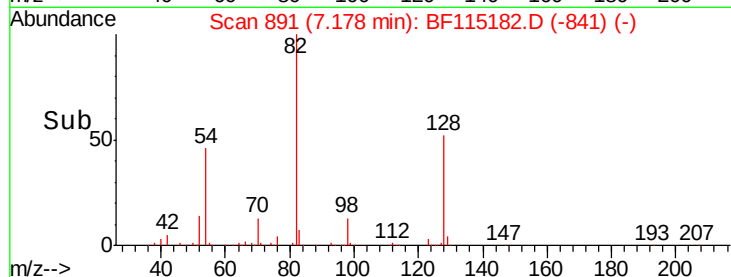
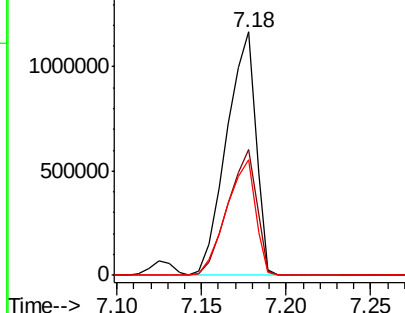


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 41.117 ng
RT: 7.20 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

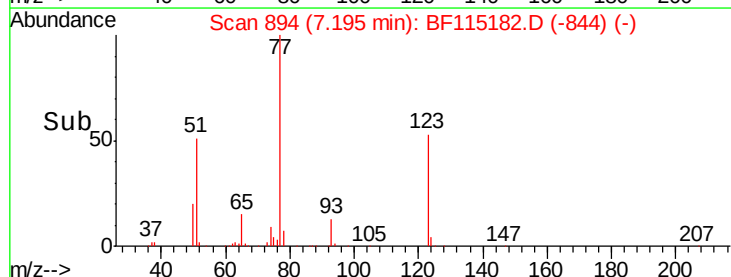
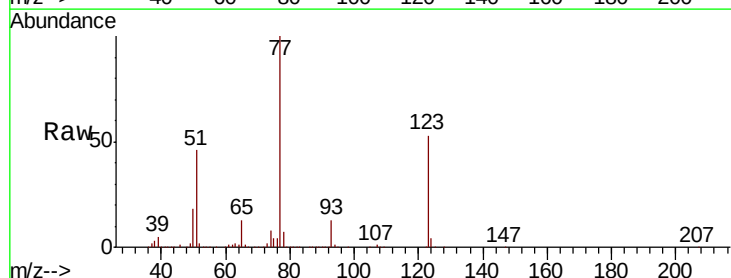
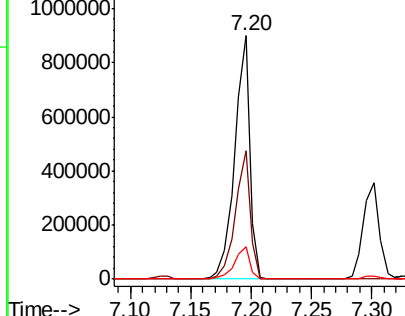
Tgt Ion	77	Resp	789274
Ion Ratio	100	Lower	Upper
77	100		
123	53.0	41.0	61.6
65	13.1	10.5	15.7

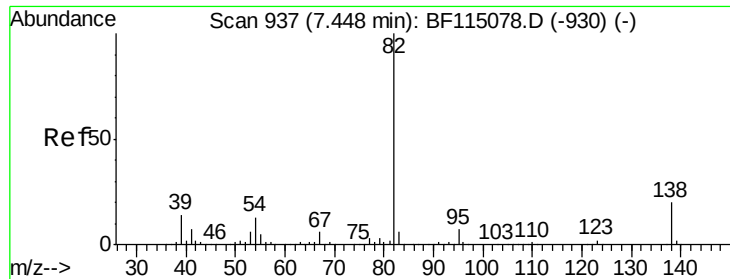
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.576 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

Tot Ion: 82 Resp: 1448307

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

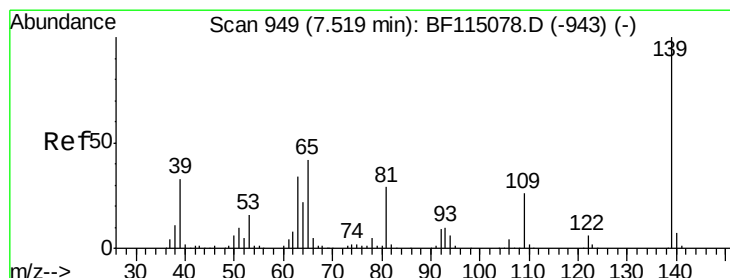
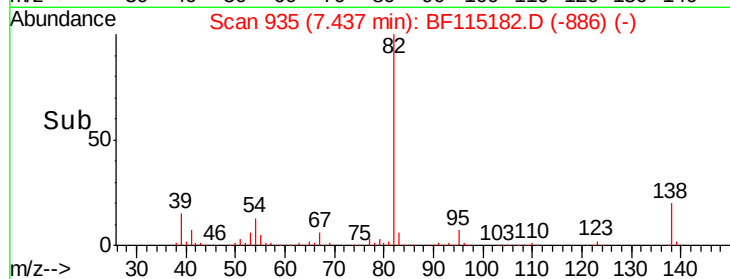
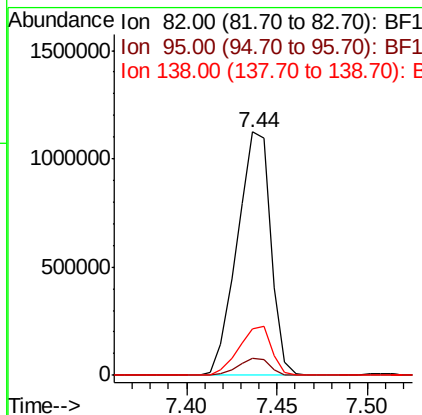
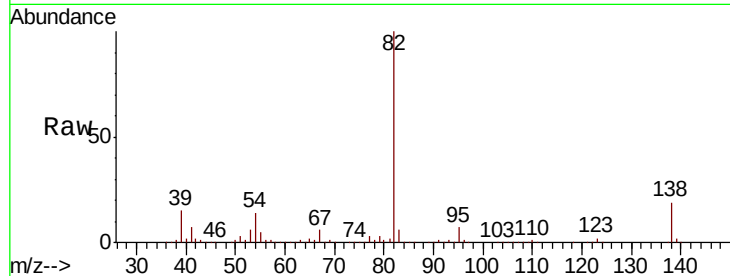
138 19.2 15.9 23.9

Manual Integrations

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#26

2-Nitrophenol

Concen: 47.090 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

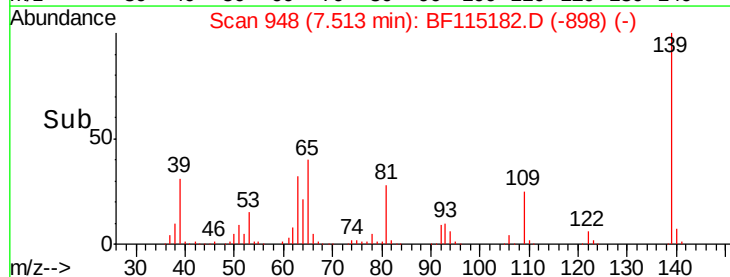
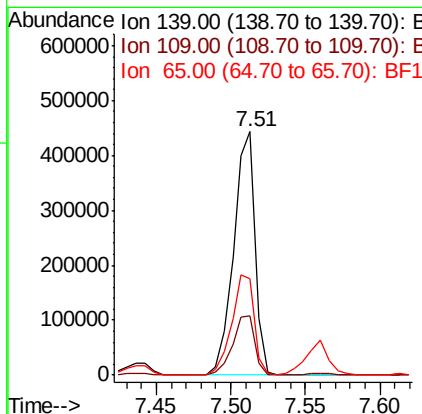
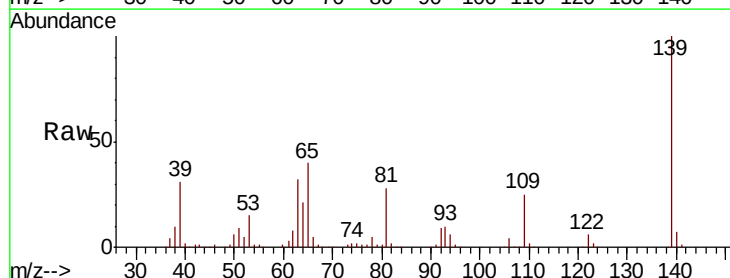
Tgt Ion: 139 Resp: 446397

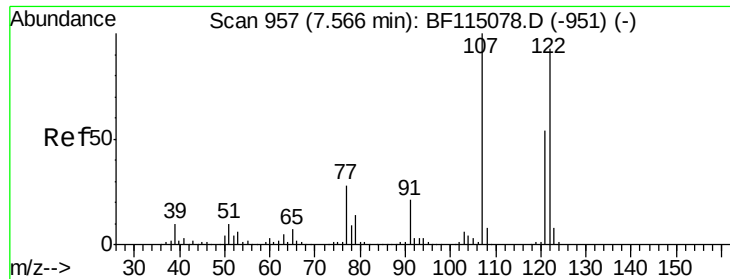
Ion Ratio Lower Upper

139 100

109 24.5 20.4 30.6

65 39.8 33.6 50.4





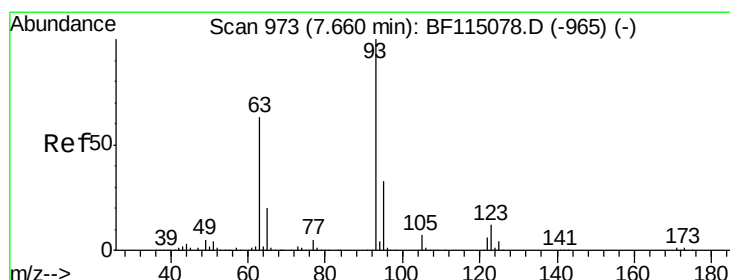
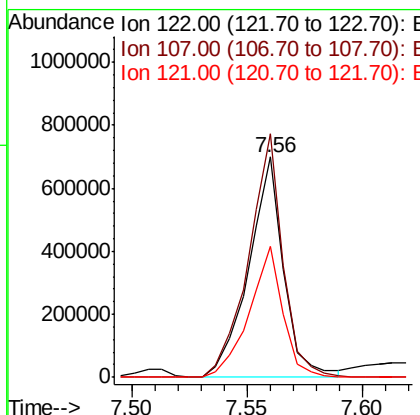
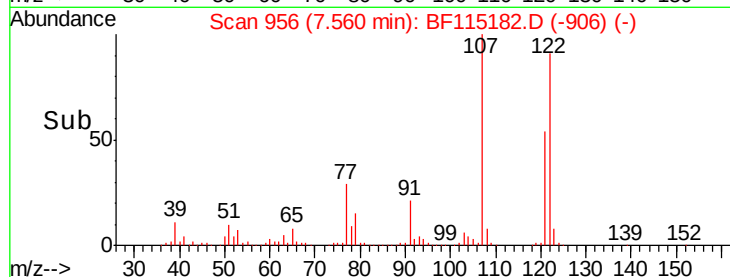
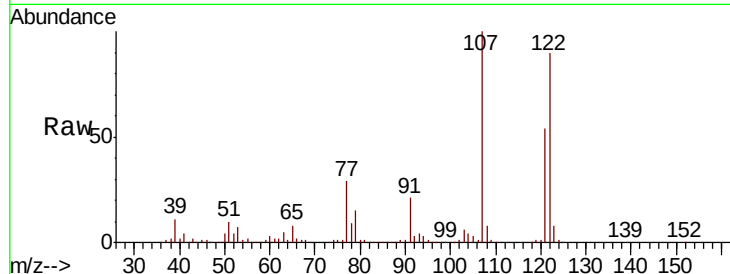
#27
 2,4-Dimethylphenol
 Concen: 47.750 ng
 RT: 7.56 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.5	85.8	128.6
121	59.7	46.3	69.5

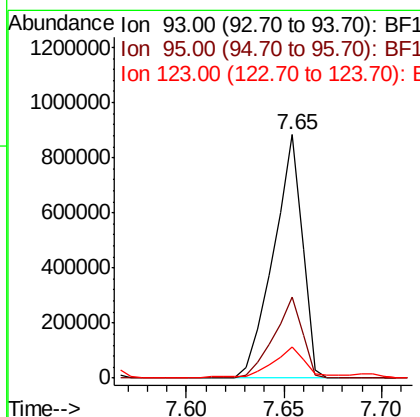
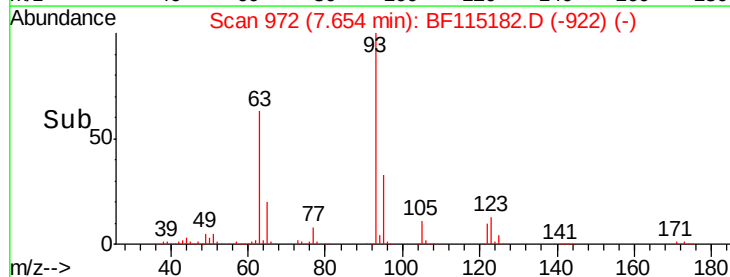
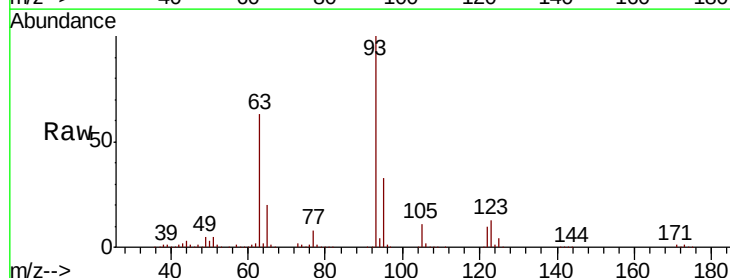
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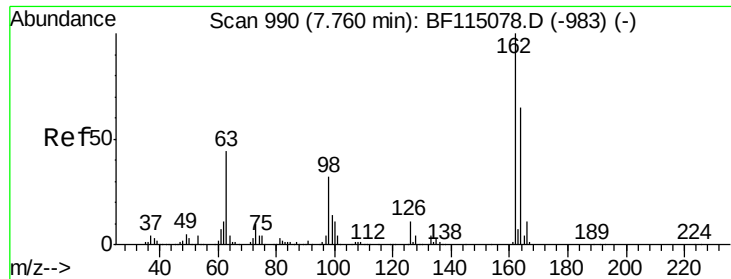
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.233 ng
 RT: 7.65 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.2	39.4
123	12.8	9.7	14.5





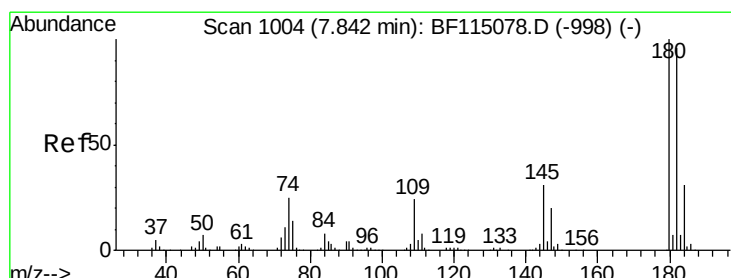
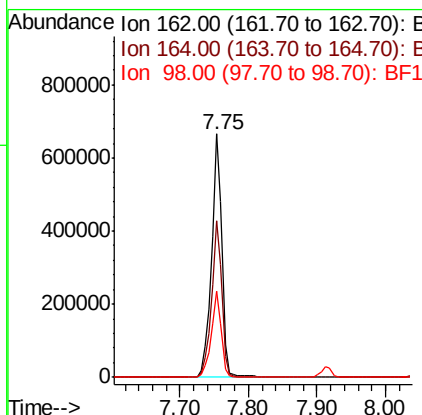
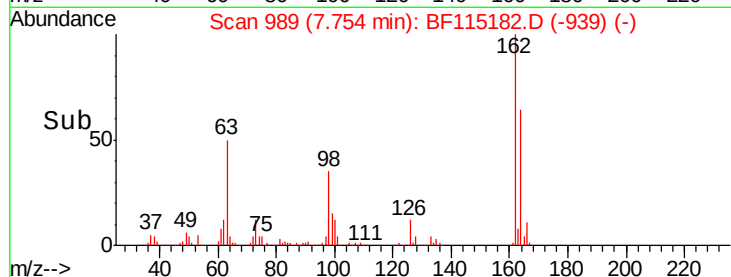
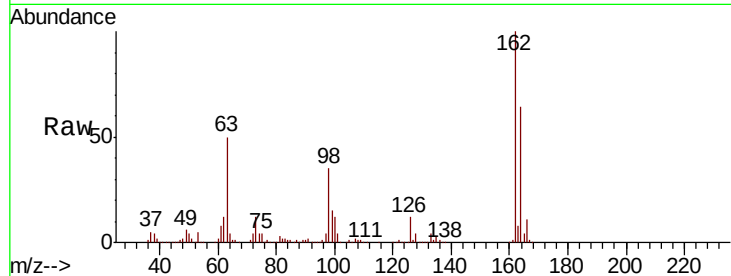
#29
2,4-Dichlorophenol
Concen: 43.443 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	695846		
164	64.2	45.3	85.3	
98	35.5	12.5	52.5	

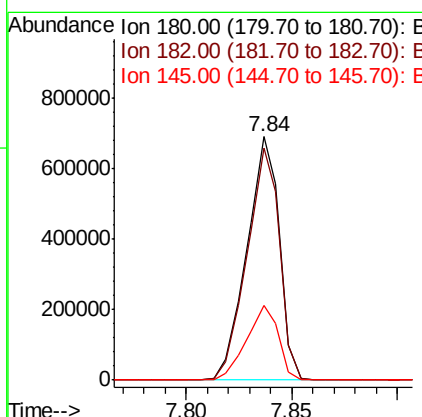
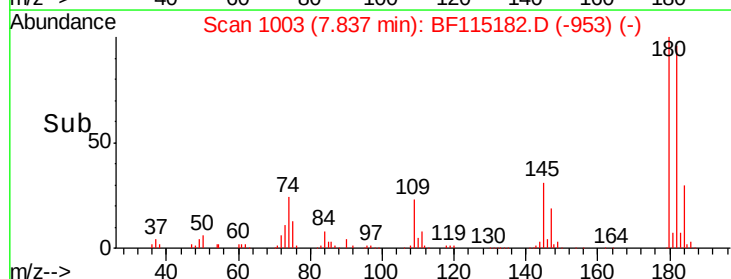
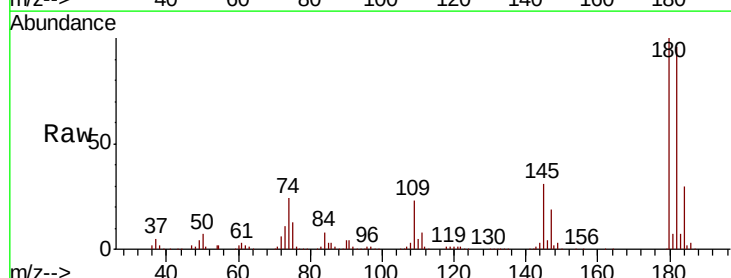
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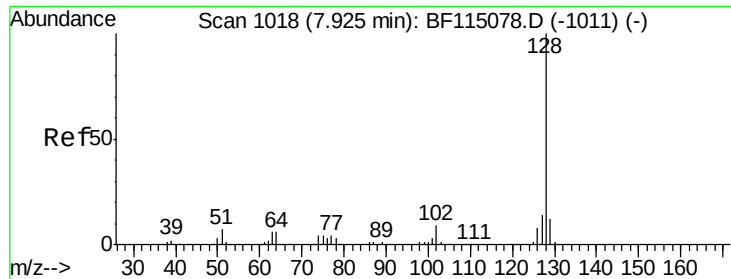
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#30
1,2,4-Trichlorobenzene
Concen: 41.563 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	735366		
182	95.6	76.4	114.6	
145	30.7	24.8	37.2	





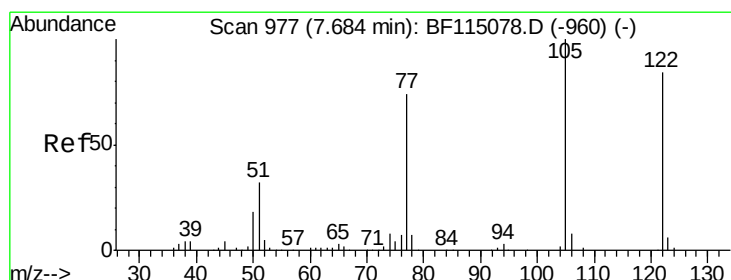
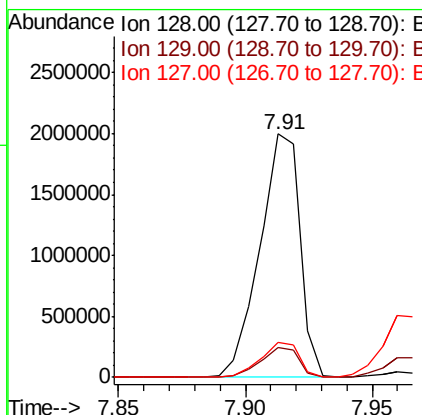
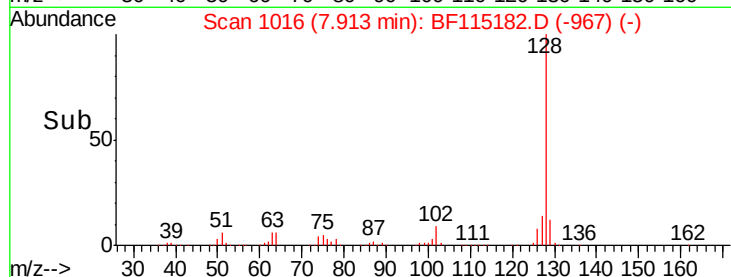
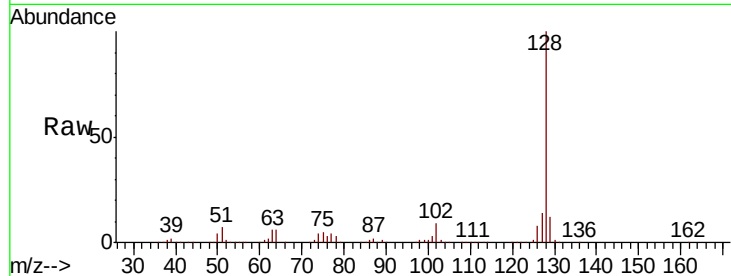
#31
Naphthalene
Concen: 42.208 ng
RT: 7.91 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampled :
PB120870BS

Tot Ion:128 Resp: 2220763
Ion Ratio Lower Upper
128 100
129 12.2 9.6 14.4
127 14.2 11.4 17.0

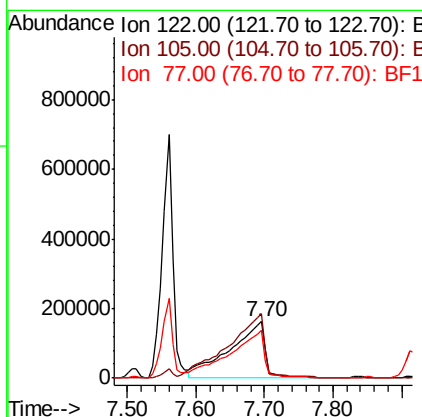
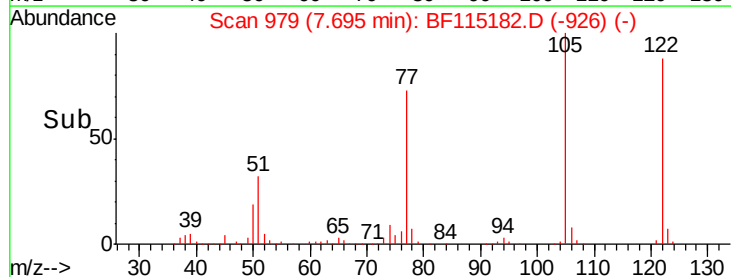
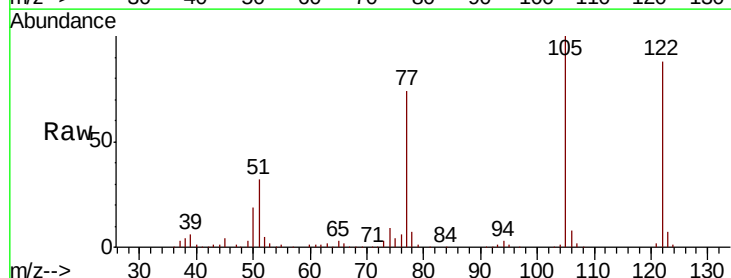
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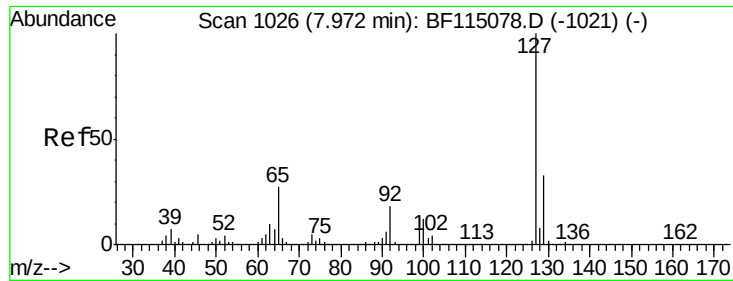
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#32
Benzoic acid
Concen: 52.364 ng
RT: 7.70 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion:122 Resp: 580145
Ion Ratio Lower Upper
122 100
105 114.2 98.2 138.2
77 84.1 67.0 107.0





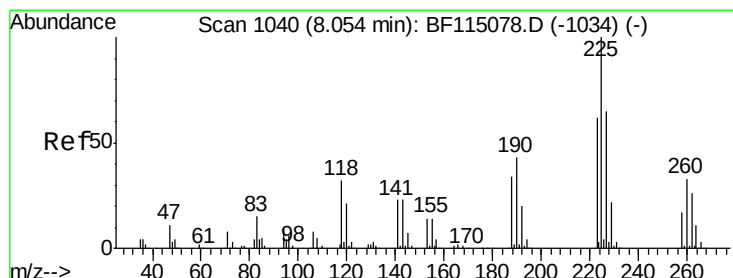
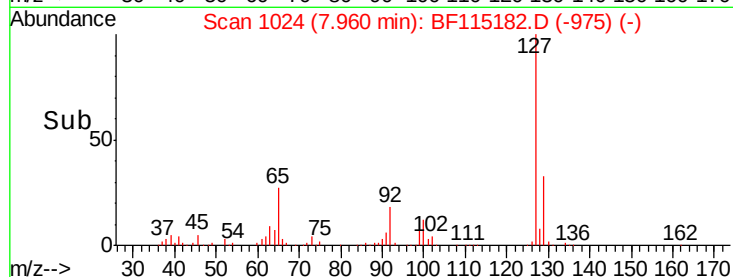
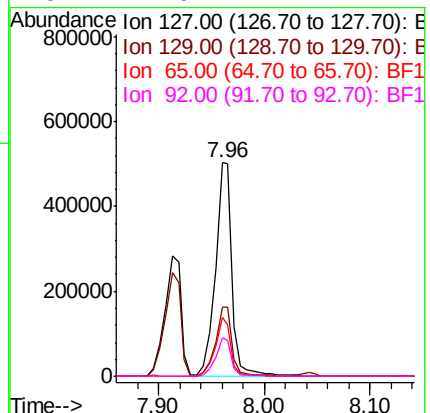
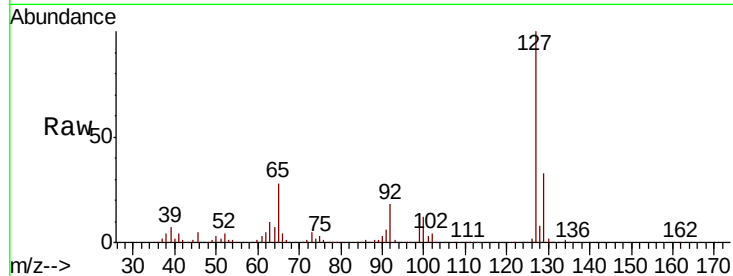
#33
4-Chloroaniline
Concen: 23.287 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.1	39.1	
65	27.5	21.4	32.2	
92	17.9	14.1	21.1	

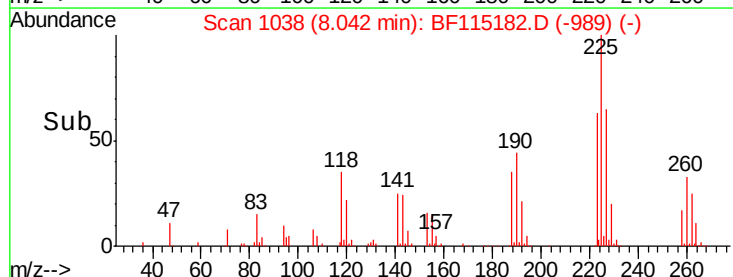
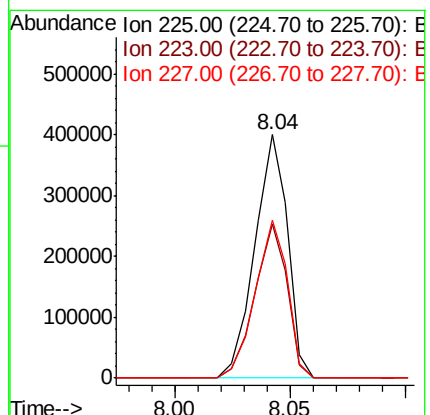
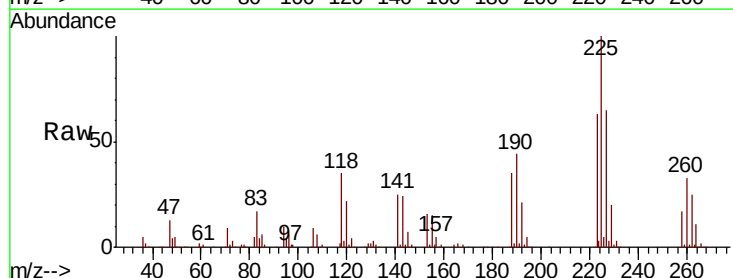
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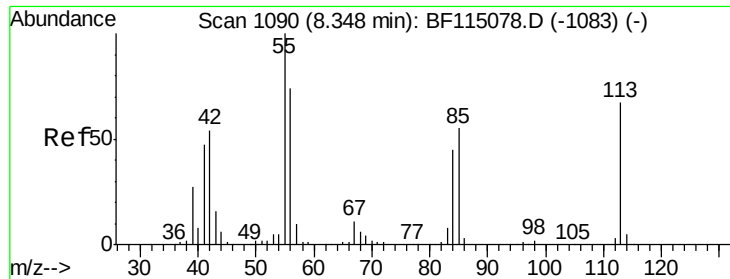
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#34
Hexachlorobutadiene
Concen: 40.840 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	49.4	74.2	
227	65.0	51.8	77.8	





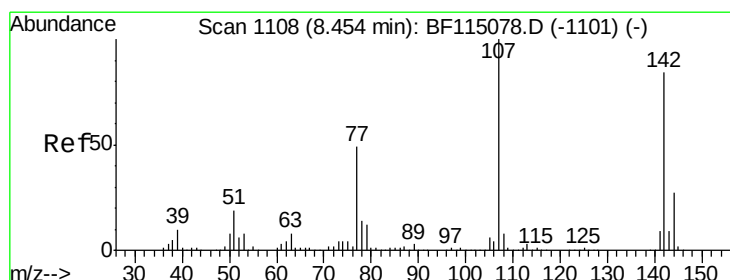
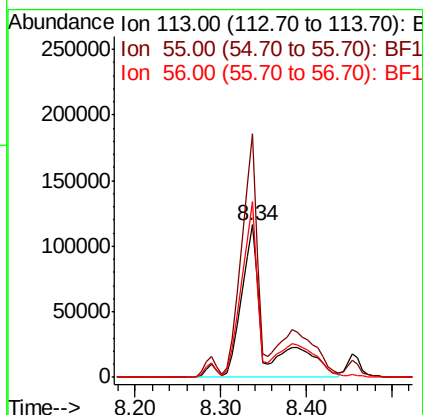
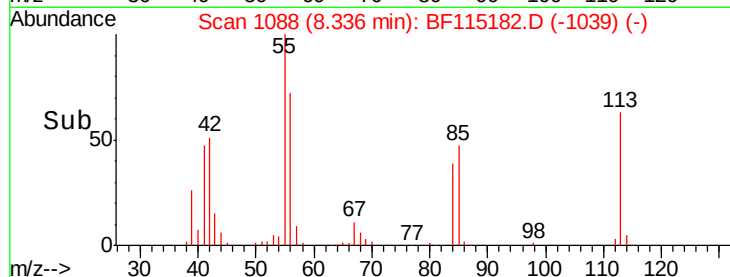
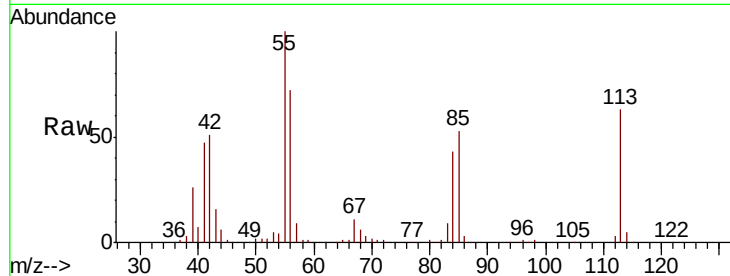
#35
Caprolactam
Concen: 42.962 ng/ml
RT: 8.34 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleID :
PB120870BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.9	130.2	170.2
56	115.8	91.6	131.6

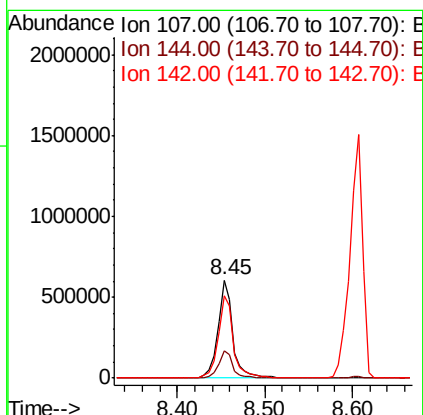
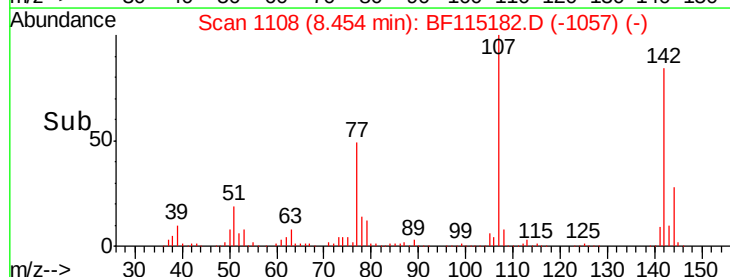
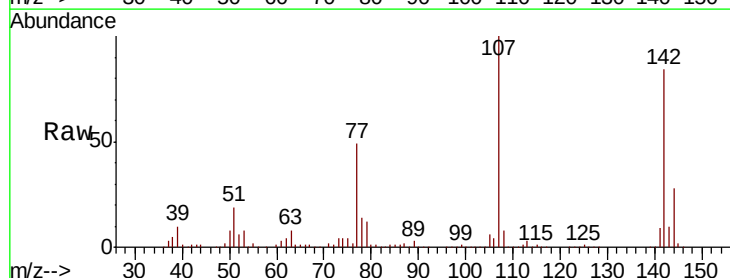
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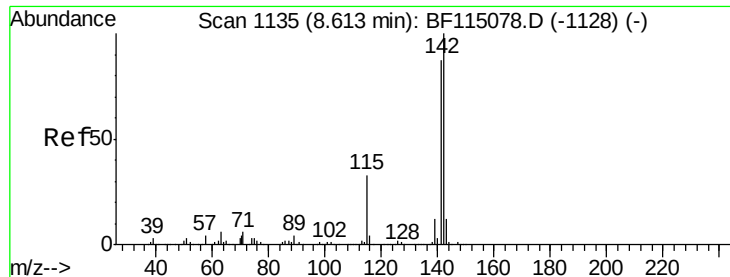
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#36
4-Chloro-3-methylphenol
Concen: 43.791 ng/ml
RT: 8.45 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.9	21.7	32.5
142	84.3	67.0	100.4





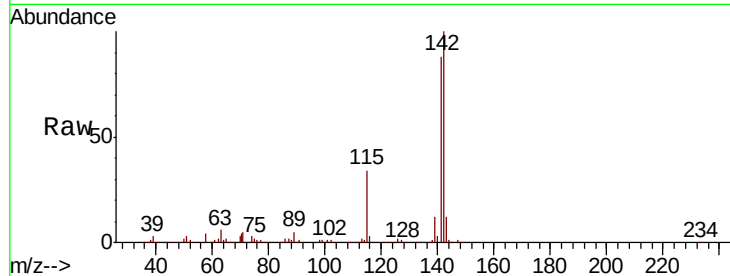
#37
2-Methylnaphthalene
Concen: 43.259 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.8	104.6
115	33.5	26.7	40.1

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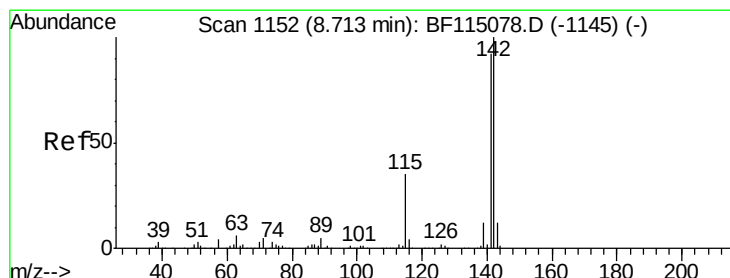
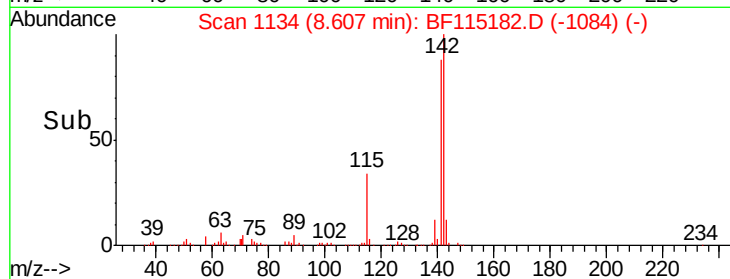
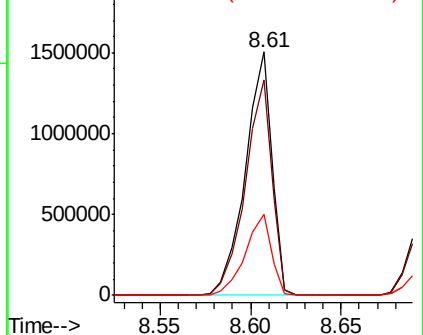


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.052 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

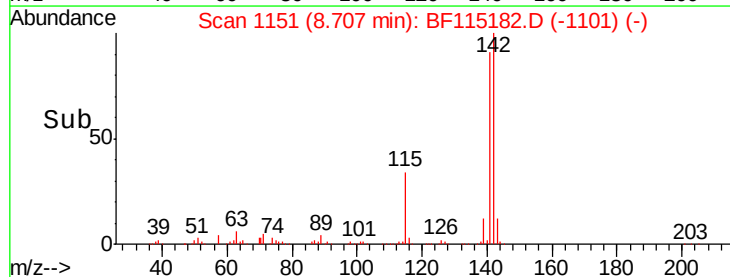
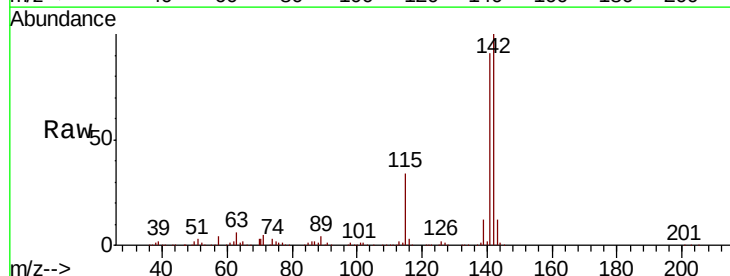
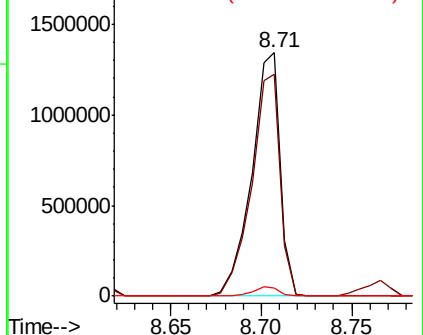
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.8	110.8
116	3.5	2.8	4.2

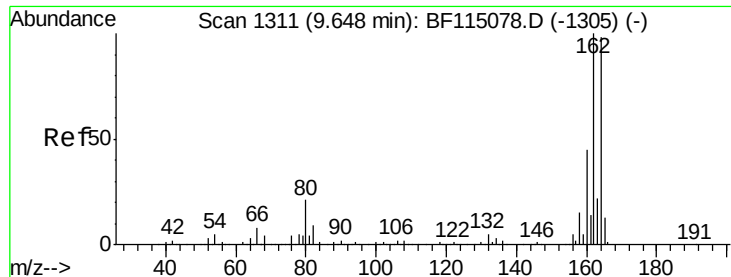
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





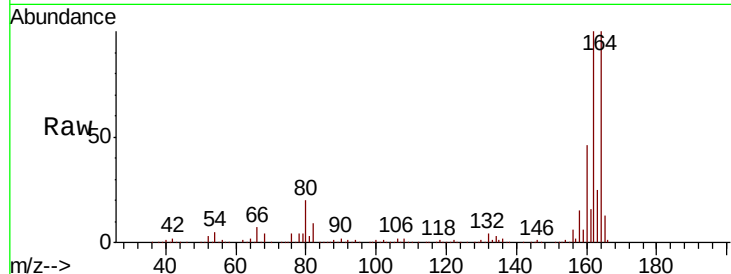
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.2	81.7	122.5	
160	45.6	37.0	55.4	

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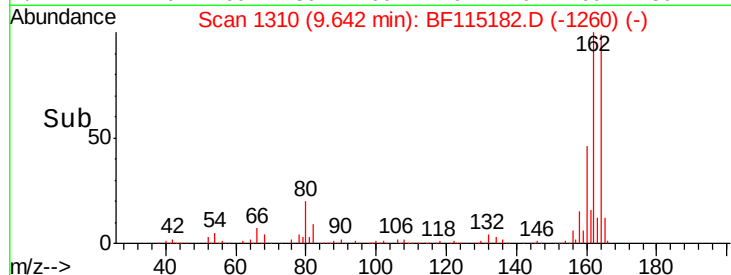
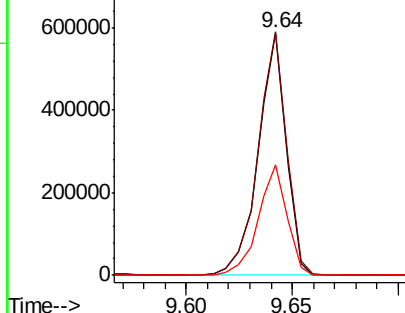


Abundance

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: 42.125 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.8	95.6	
179	22.3	17.6	26.4	
108	20.5	15.7	23.5	

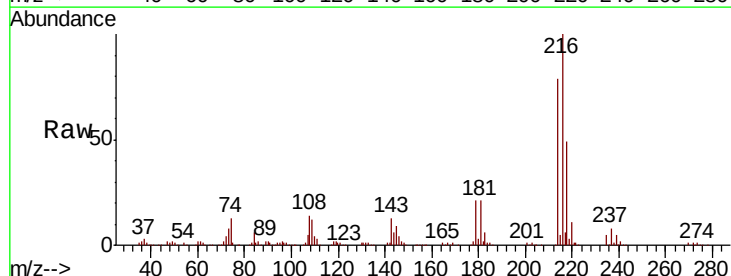
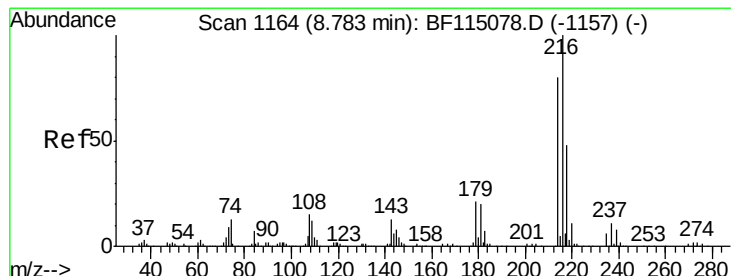
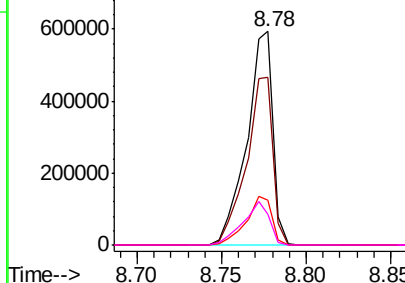
Abundance

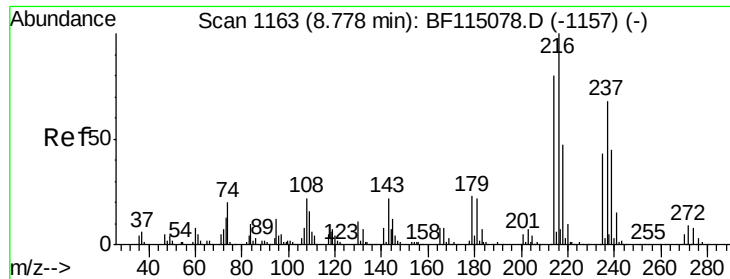
Ion 216.00 (215.70 to 216.70): E

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





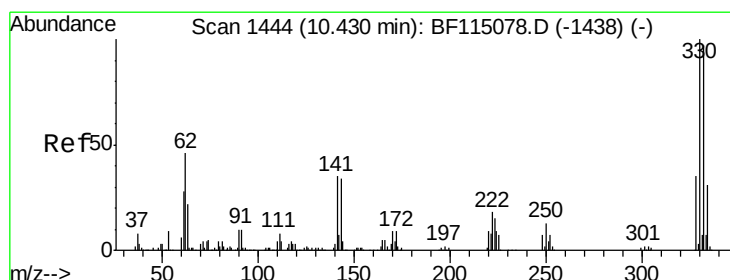
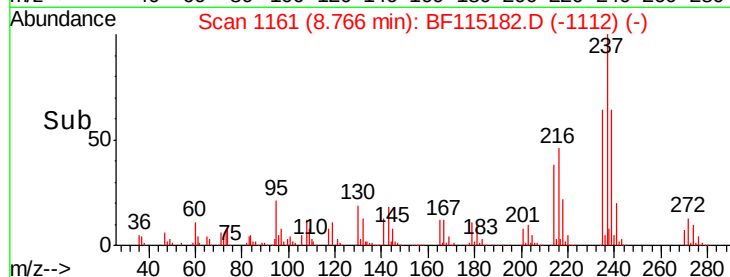
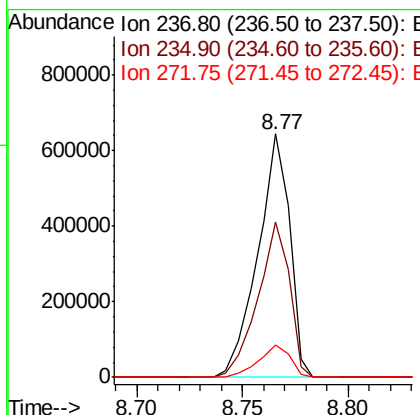
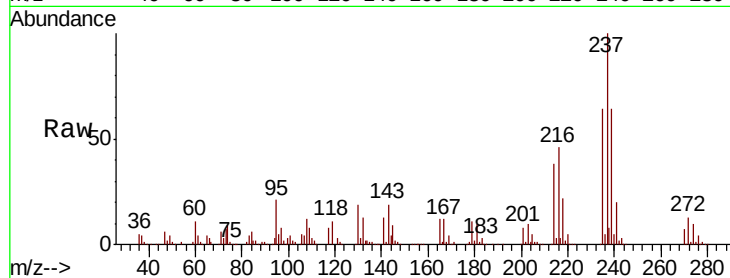
#41
 Hexachlorocyclopentadiene
 Concen: 74.453 ng
 RT: 8.77 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

Tot Ion:	237	Resp:	675061
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.9	83.9
272	13.2	0.0	33.8

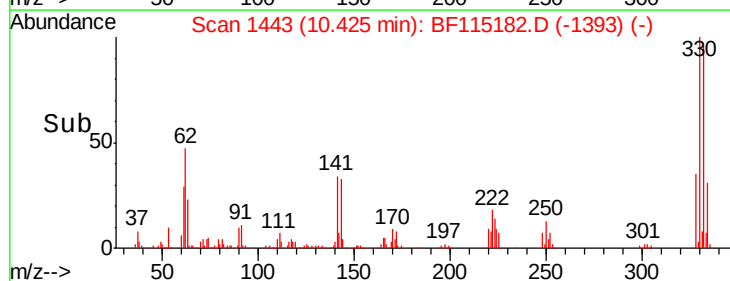
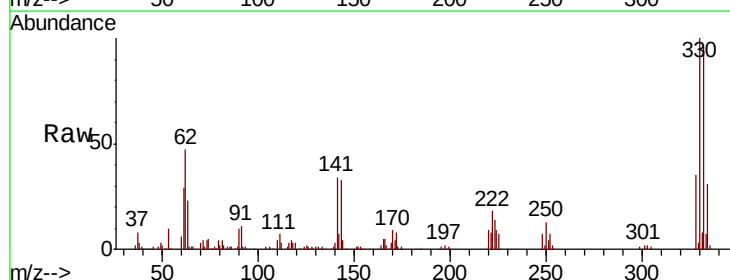
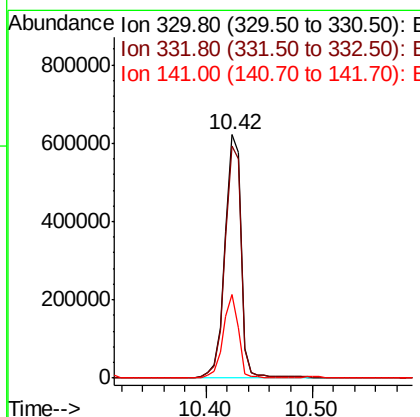
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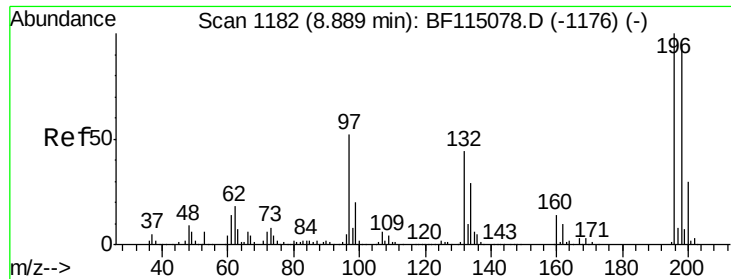
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#42
 2,4,6-Tribromophenol
 Concen: 117.395 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion:	330	Resp:	669881
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.3	115.9
141	32.8	28.2	42.2





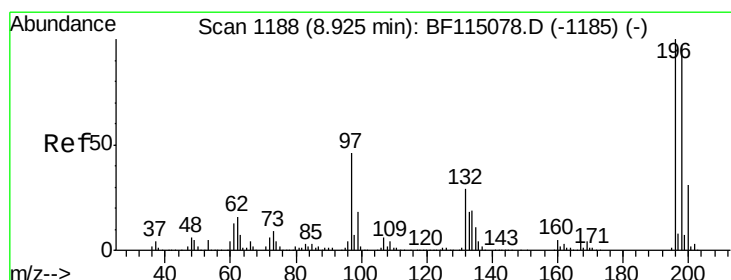
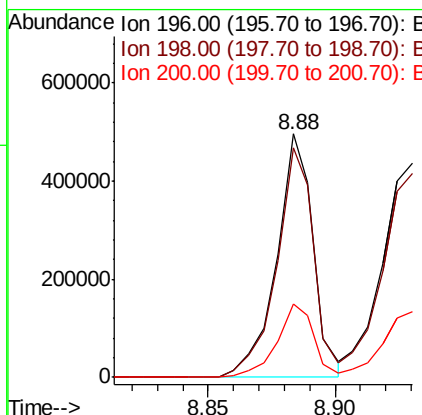
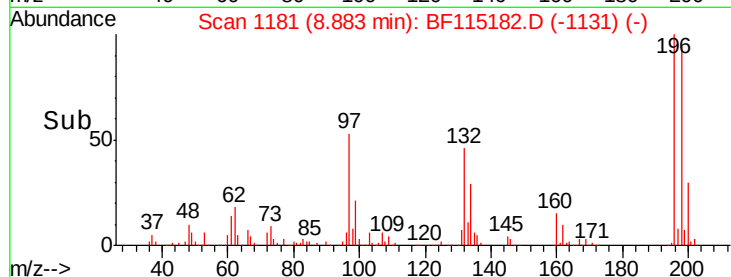
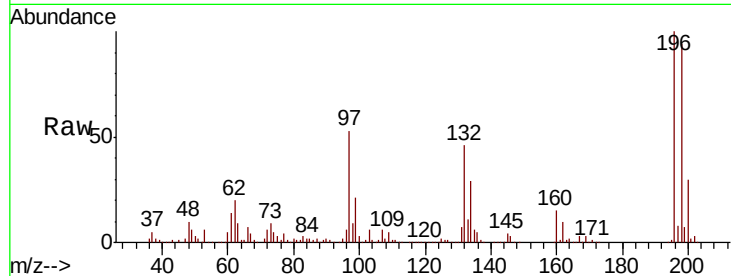
#43
 2,4,6-Trichlorophenol
 Concen: 42.375 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.3	114.5
200	29.9	24.2	36.4

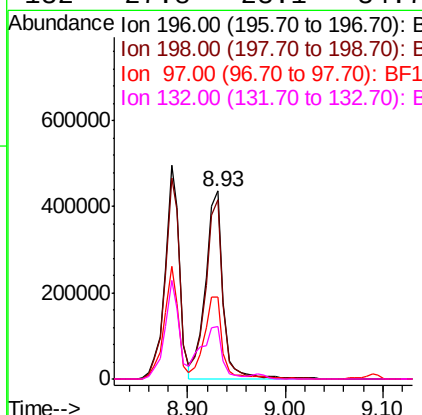
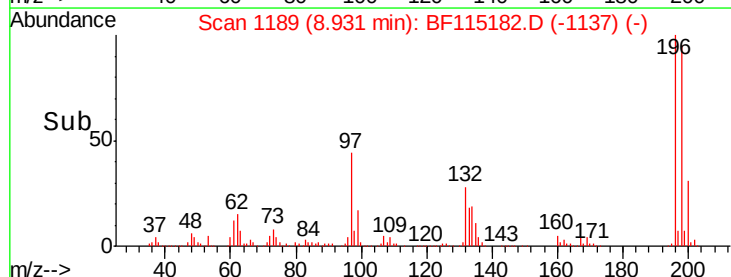
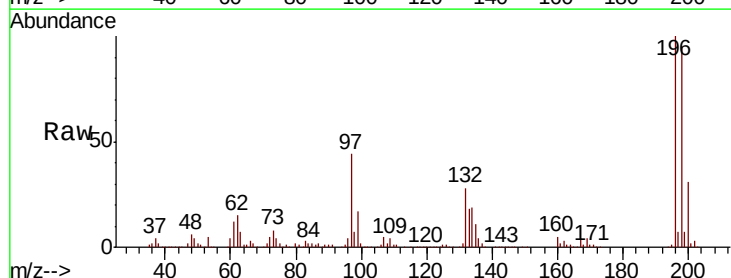
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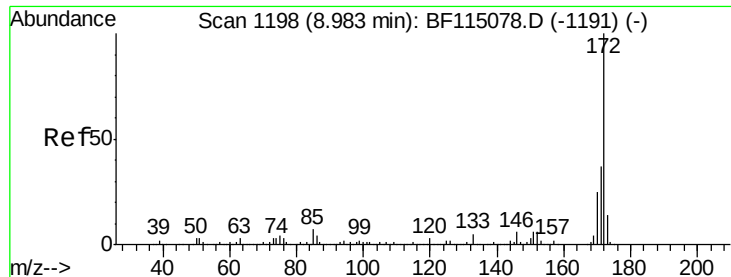
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.381 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.1	115.7
97	43.8	37.7	56.5
132	27.8	23.1	34.7





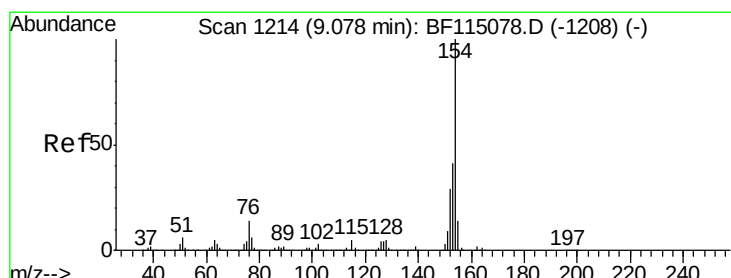
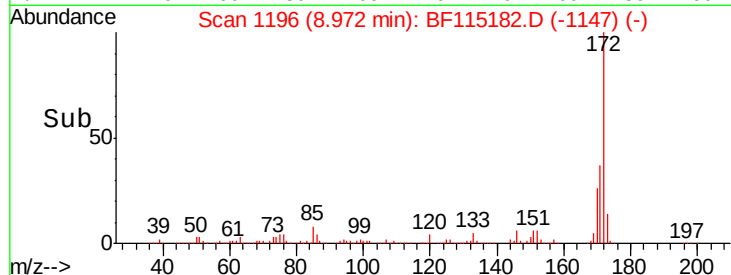
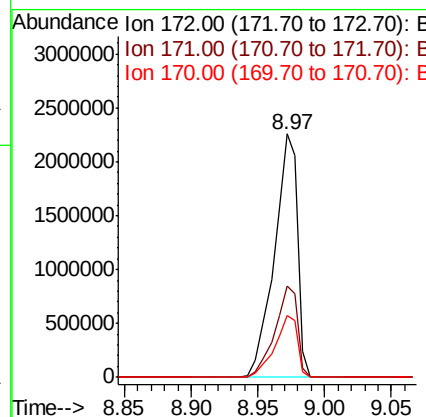
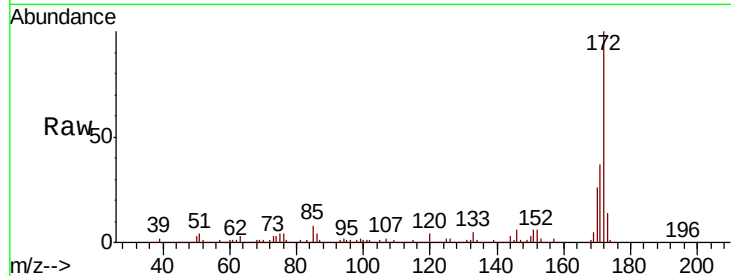
#45
2-Fluorobiphenyl
Concen: 85.577 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	25.5	20.3	30.5

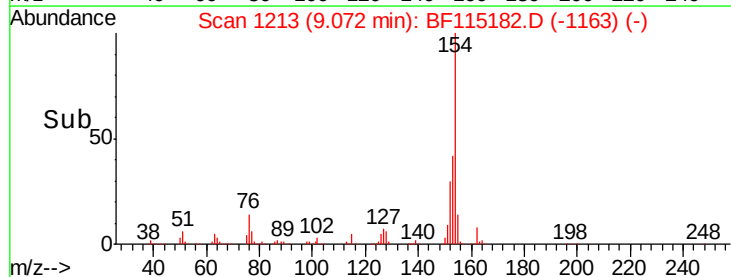
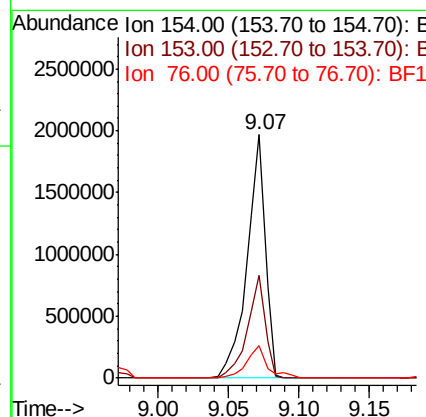
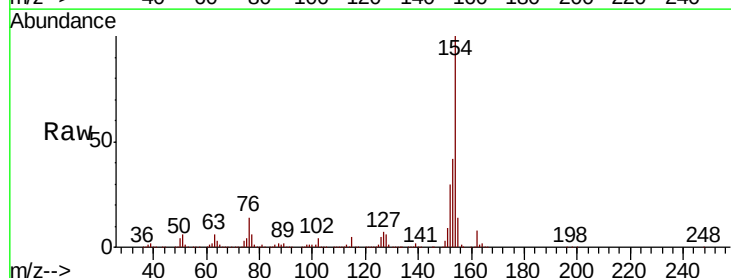
Manual Integrations
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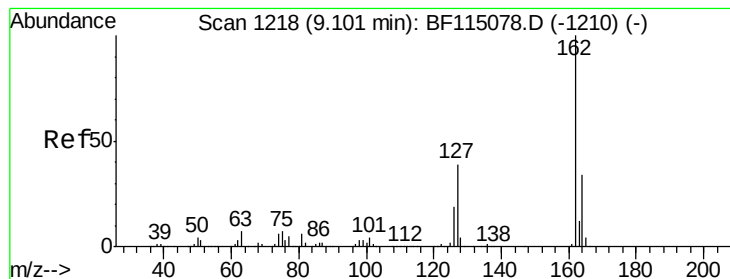
mohammad
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#46
1,1'-Biphenyl
Concen: 40.860 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	20.9	60.9
76	13.6	0.0	34.1





#47

2-Chloronaphthalene

Concen: 41.100 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

Tot Ion:162 Resp: 1443436

Ion Ratio Lower Upper

162 100

127 41.4 30.8 46.2

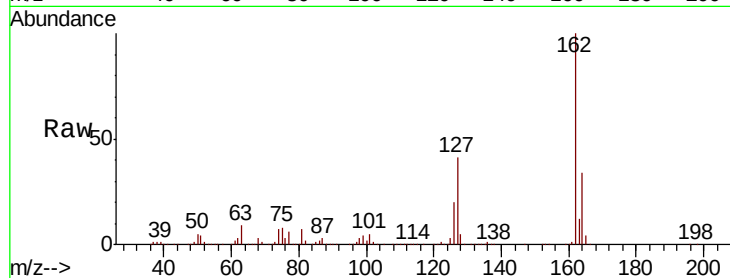
164 34.1 27.0 40.4

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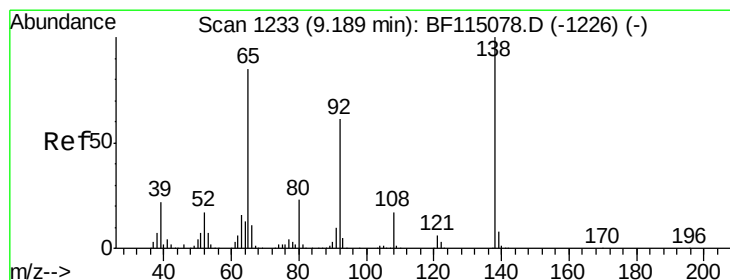
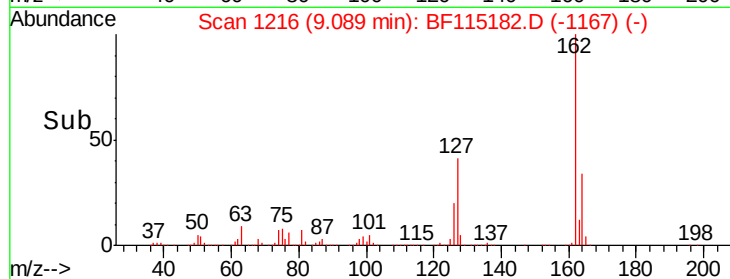
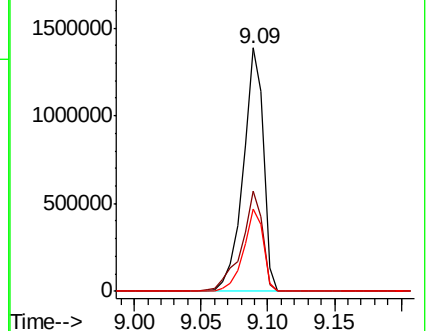
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.611 ng

RT: 9.18 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

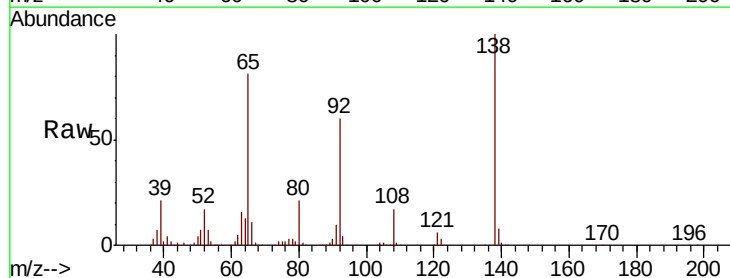
Tgt Ion: 65 Resp: 426055

Ion Ratio Lower Upper

65 100

92 73.8 57.4 86.2

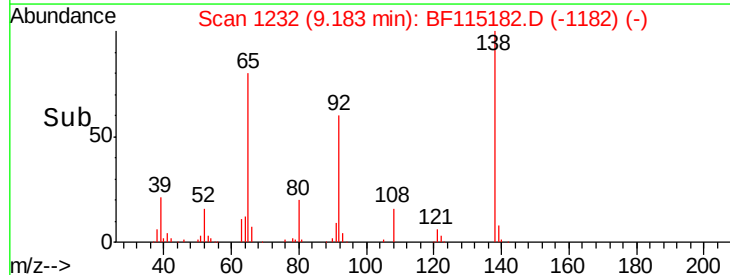
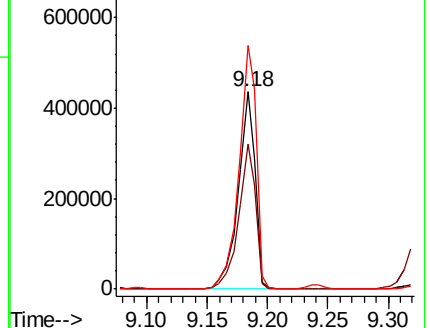
138 123.5 94.1 141.1

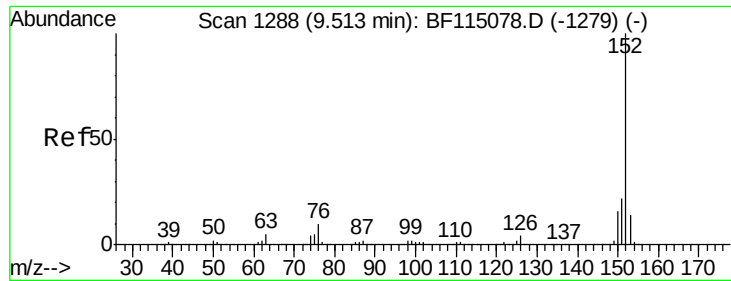


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.104 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampled :

PB120870BS

Tot Ion:152 Resp: 2249169

Ion Ratio Lower Upper

152 100

151 21.4 17.2 25.8

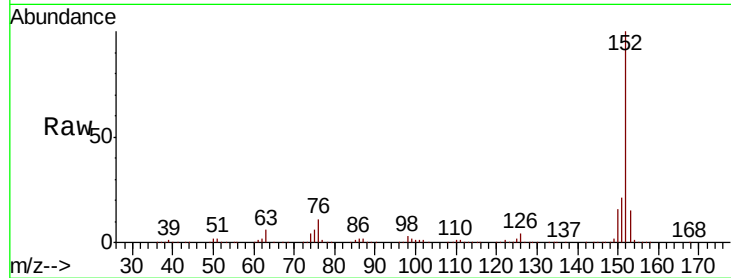
153 14.5 11.0 16.6

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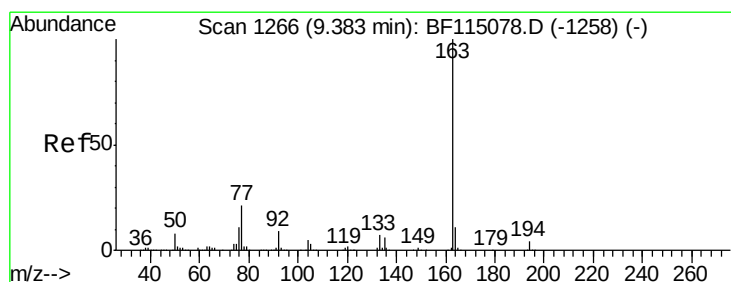
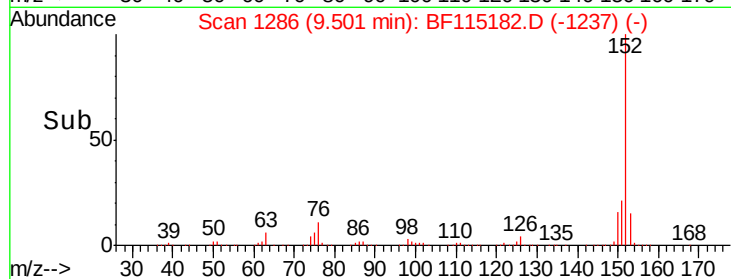
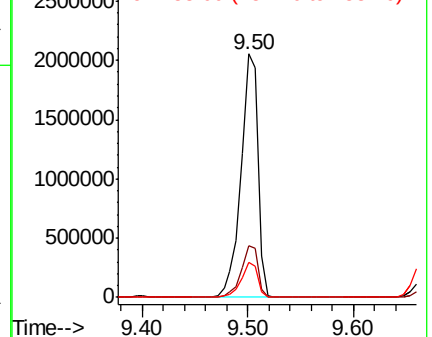
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.276 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

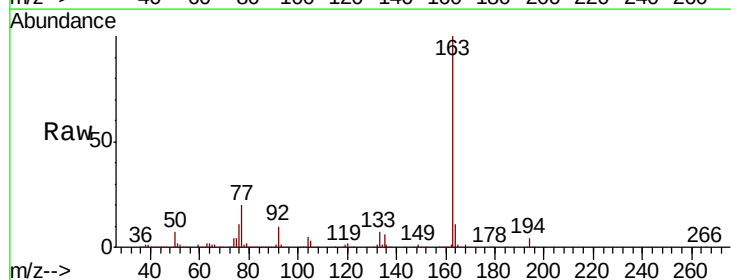
Tgt Ion:163 Resp: 1643239

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

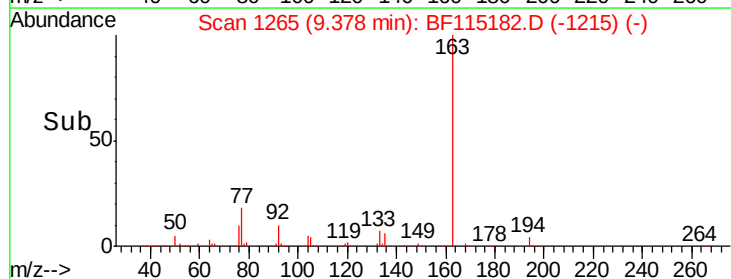
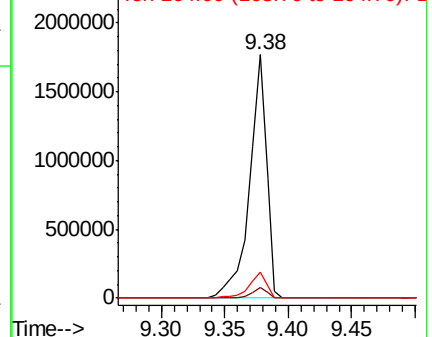
164 10.7 8.6 13.0

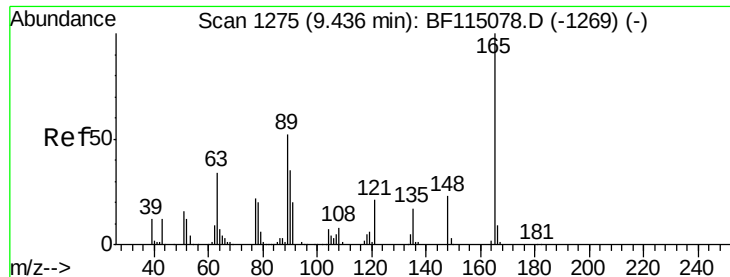


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





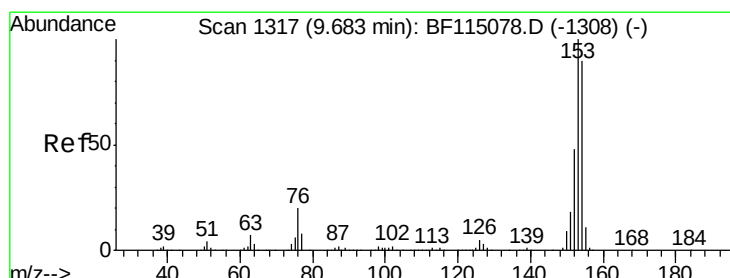
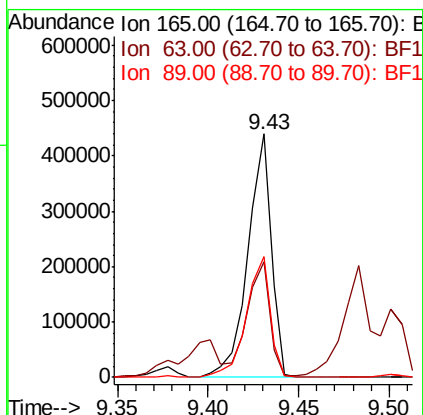
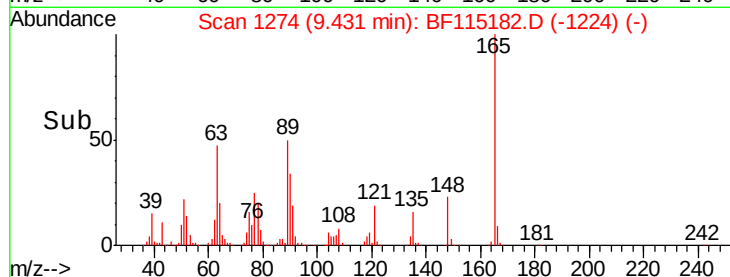
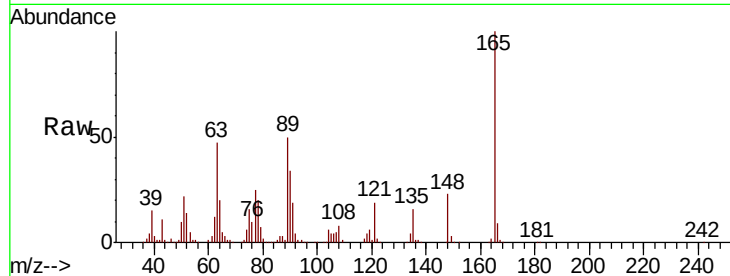
#51
2,6-Dinitrotoluene
Concen: 43.041 ng
RT: 9.43 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.3	39.4	59.2
89	49.6	42.0	63.0

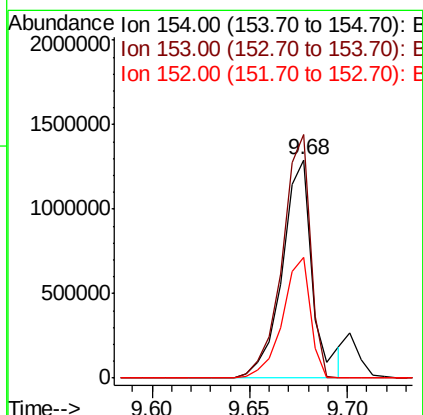
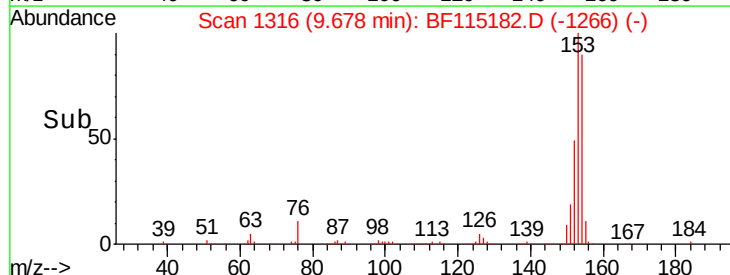
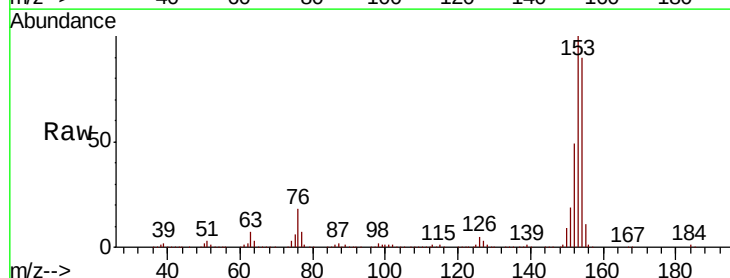
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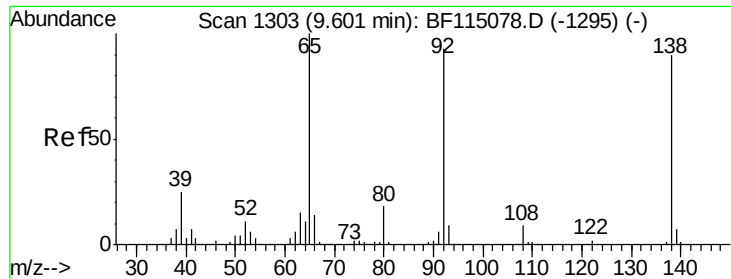
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#52
Acenaphthene
Concen: 40.761 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	88.7	133.1
152	55.1	42.6	64.0





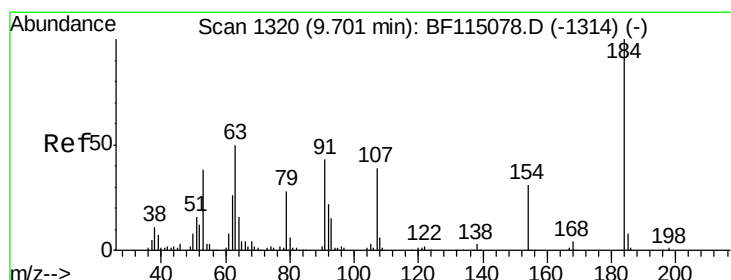
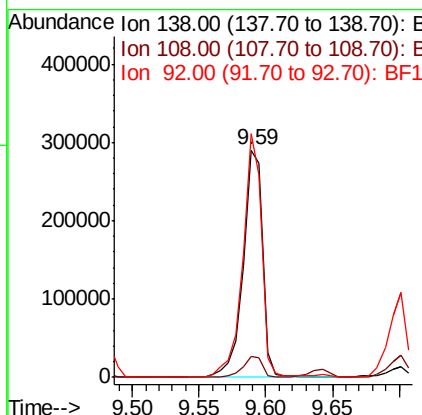
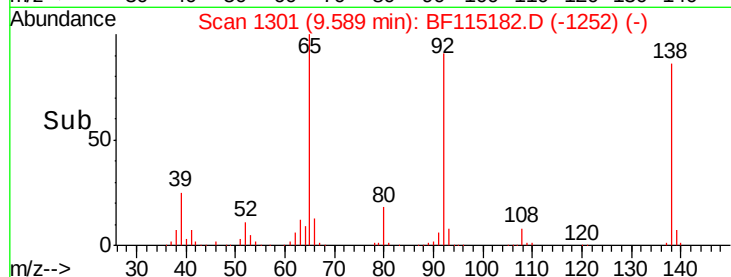
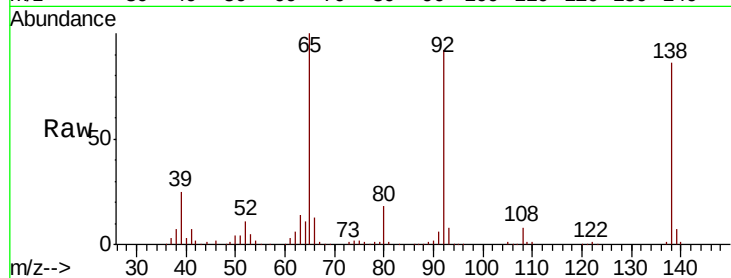
#53
3-Nitroaniline
Concen: 26.055 ng
RT: 9.59 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.8	11.6
92	107.2	82.9	124.3

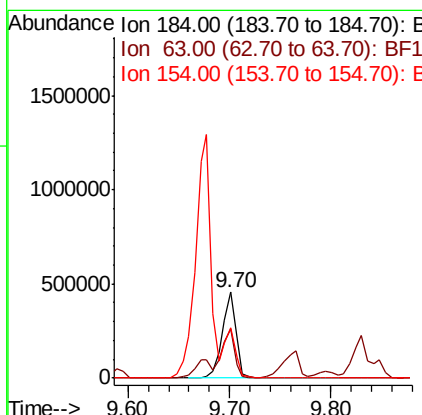
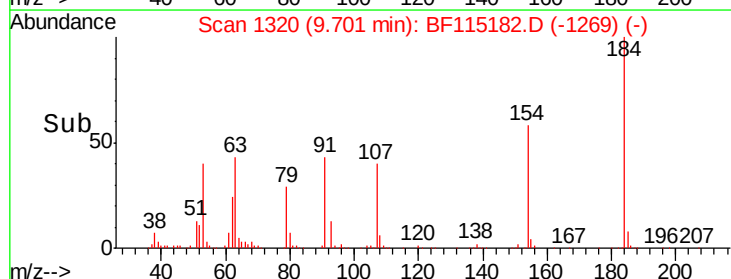
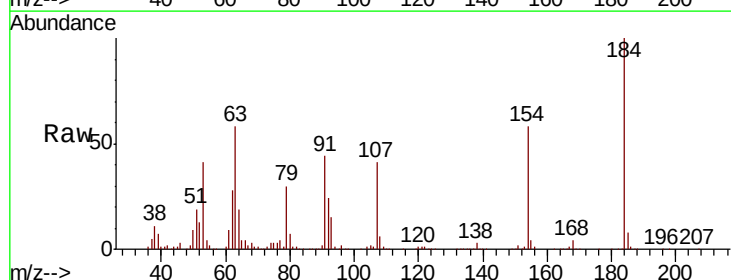
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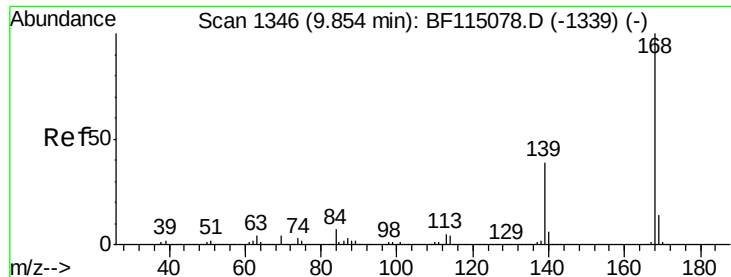
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#54
2,4-Dinitrophenol
Concen: 89.212 ng
RT: 9.70 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.7	41.9	62.9
154	58.0	44.7	67.1





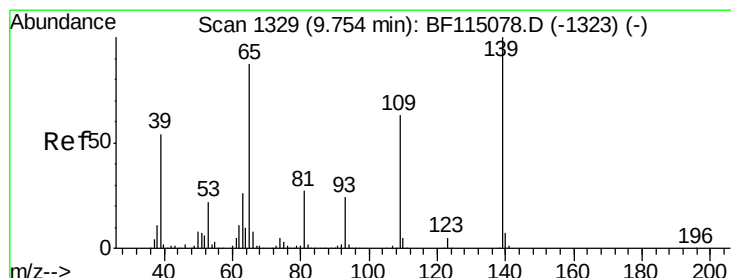
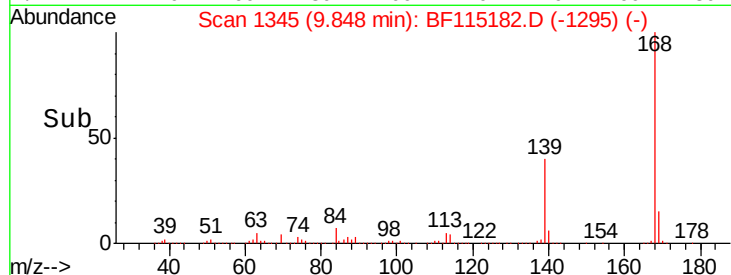
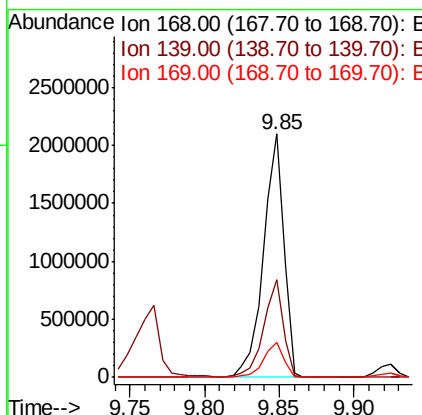
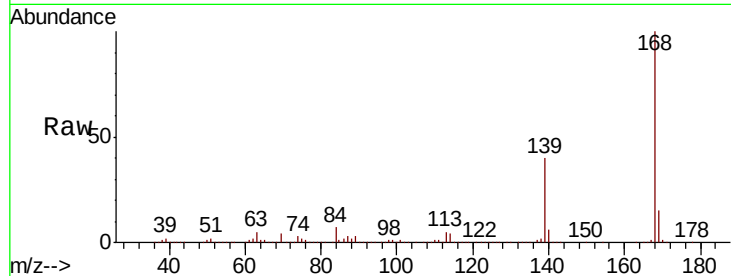
#55
Dibenzofuran
Concen: 39.896 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.1	46.7
169	14.6	11.3	16.9

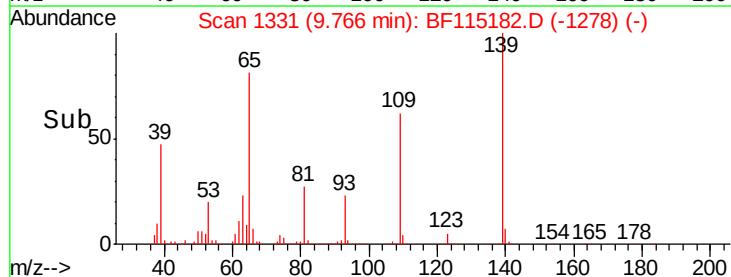
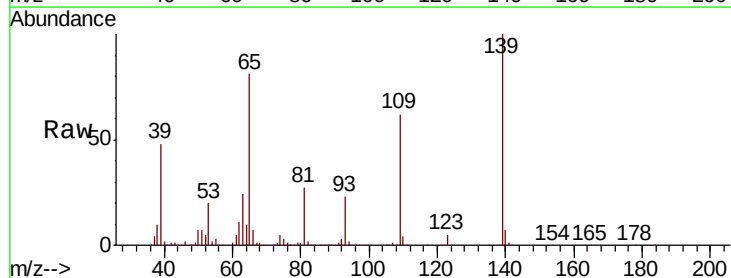
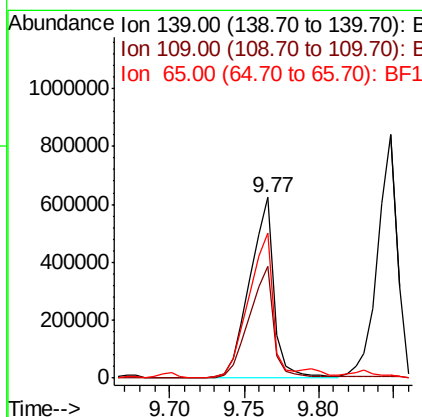
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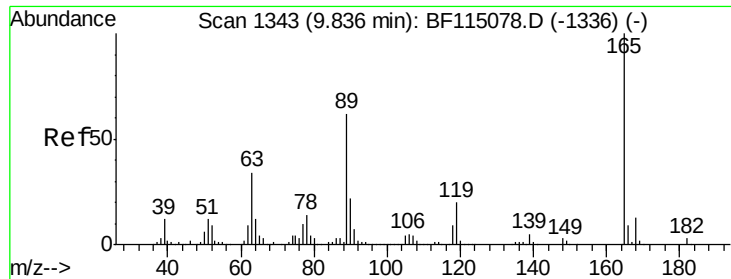
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#56
4-Nitrophenol
Concen: 78.851 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.2	43.0	83.0
65	80.6	67.0	107.0





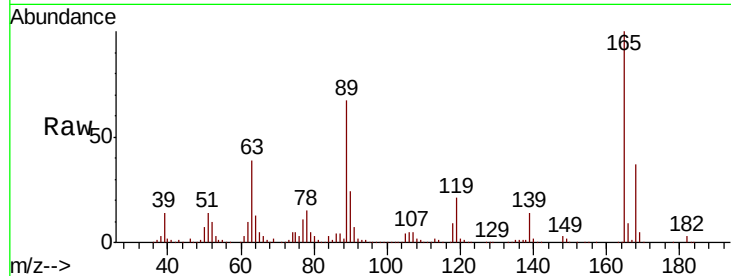
#57
2,4-Dinitrotoluene
Concen: 43.775 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

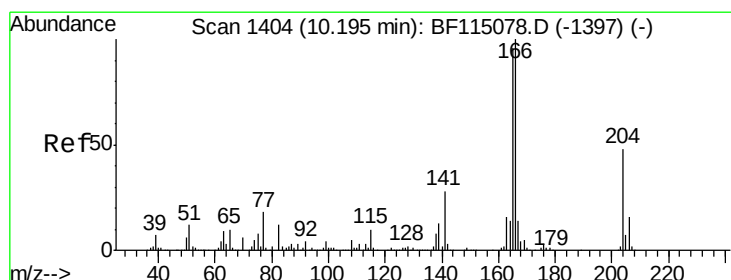
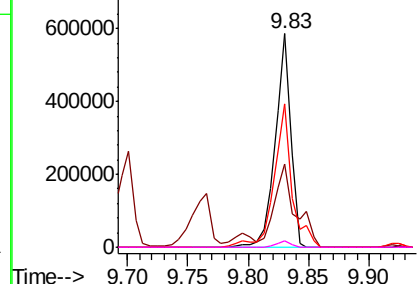
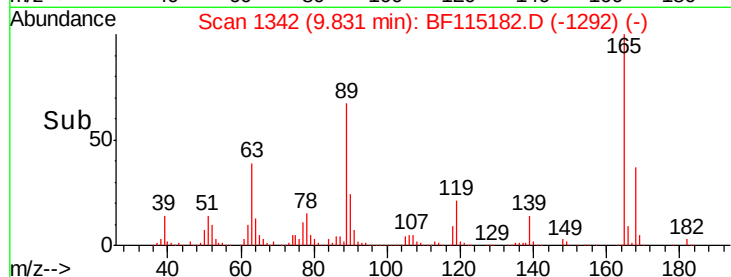
Tot Ion	Ratio	Resp	Lower	Upper
165	100	519507		
63	39.1		27.5	41.3
89	66.9		49.9	74.9
182	2.8		2.1	3.1

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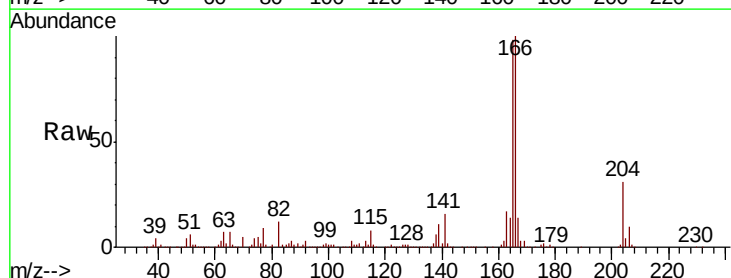


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

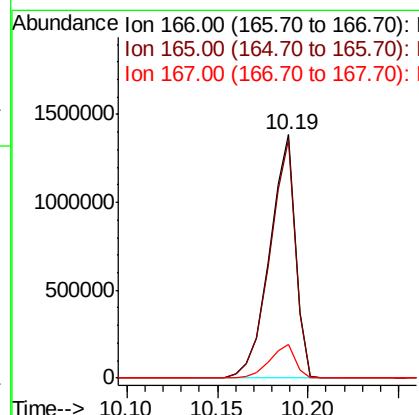
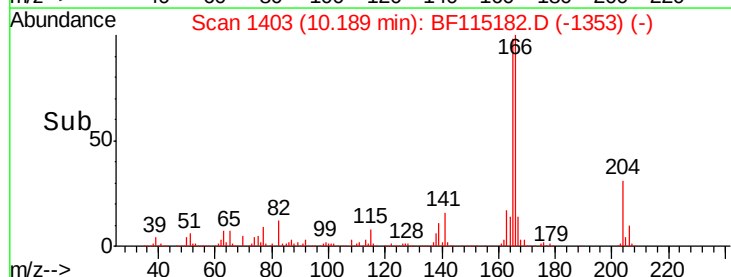


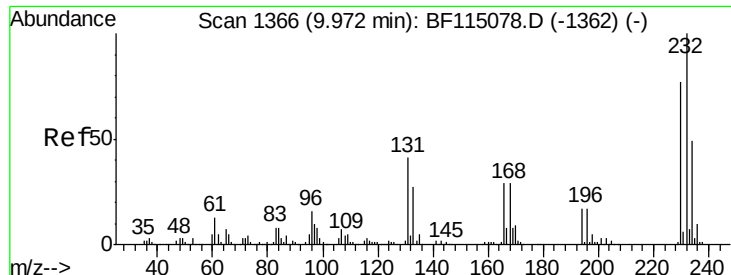
#58
Fluorene
Concen: 41.192 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1366020		
165	97.9		76.5	114.7
167	13.9		11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





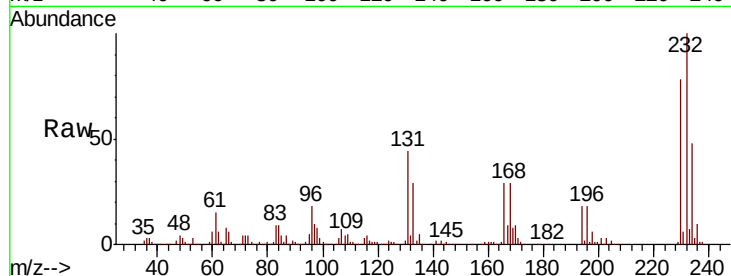
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.940 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

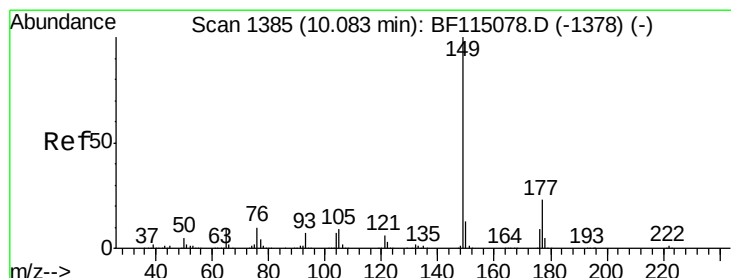
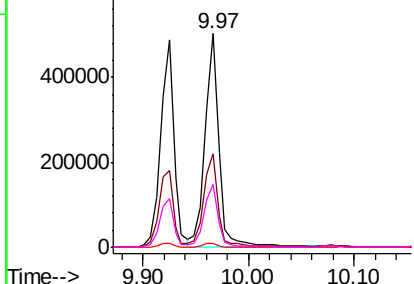
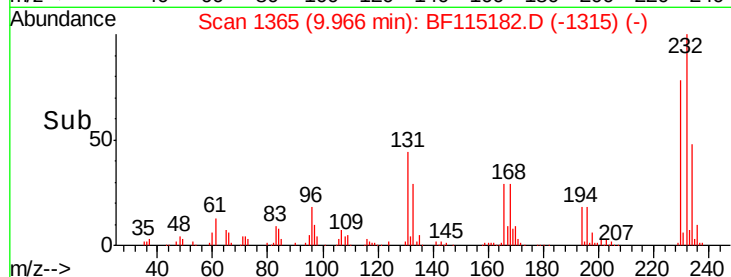
Tot Ion:	232	Resp:	458118
Ion Ratio	Lower	Upper	
232	100		
131	44.4	37.4	56.0
130	2.0	1.8	2.6
166	29.4	24.6	36.8

Manual Integrations
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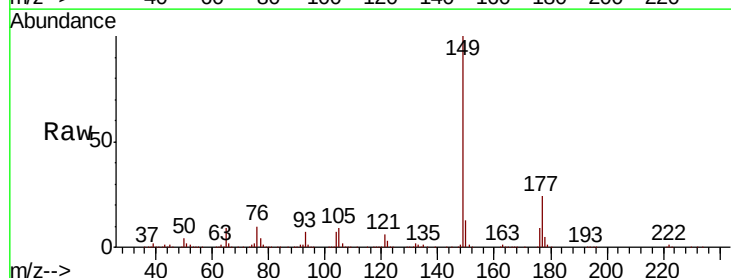


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

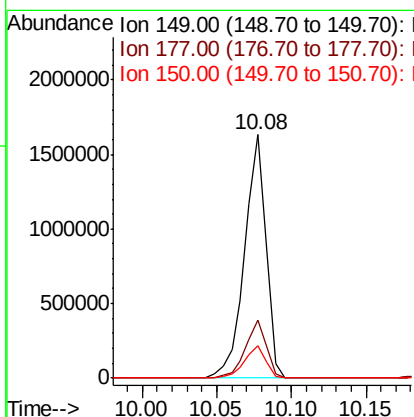
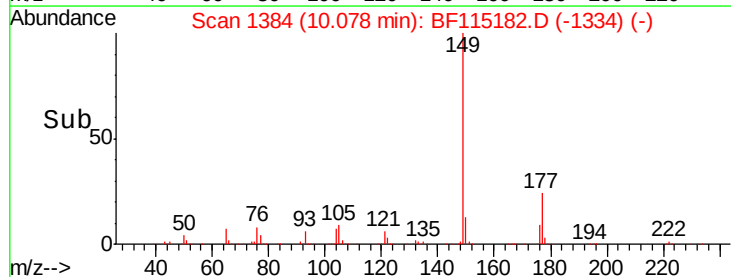


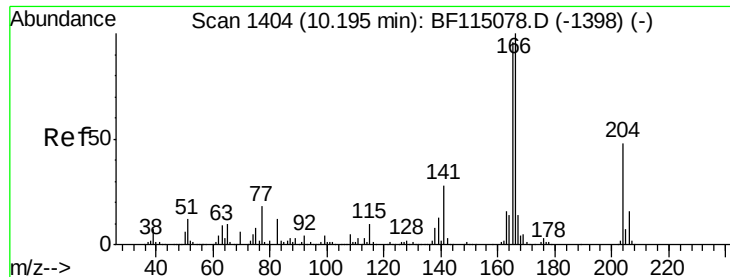
#60
 Diethylphthalate
 Concen: 40.406 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion:	149	Resp:	1616991
Ion Ratio	Lower	Upper	
149	100		
177	24.0	18.7	28.1
150	13.3	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





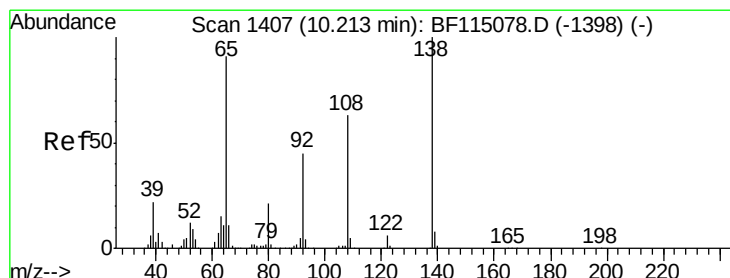
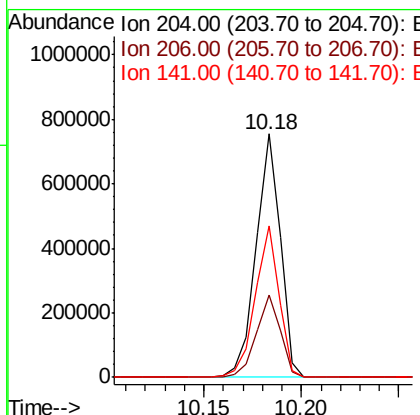
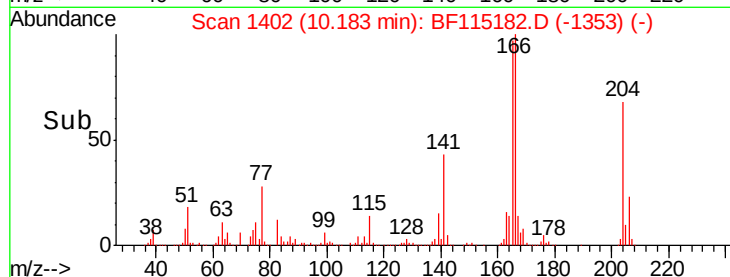
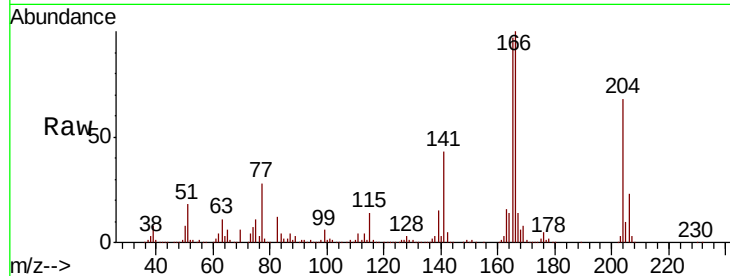
#61
4-Chlorophenyl-phenylether
Concen: 41.505 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampled :
PB120870BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.6	40.0
141	62.4	46.7	70.1

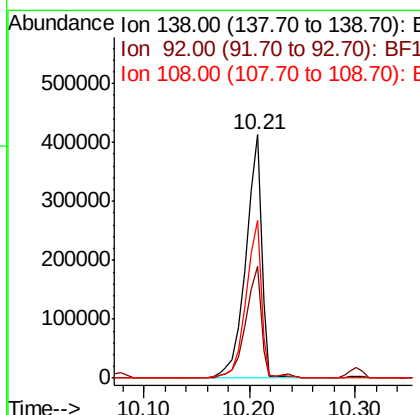
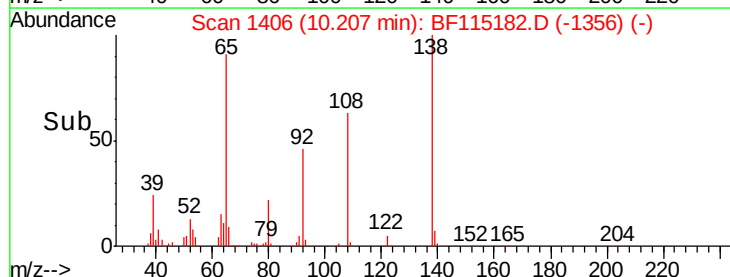
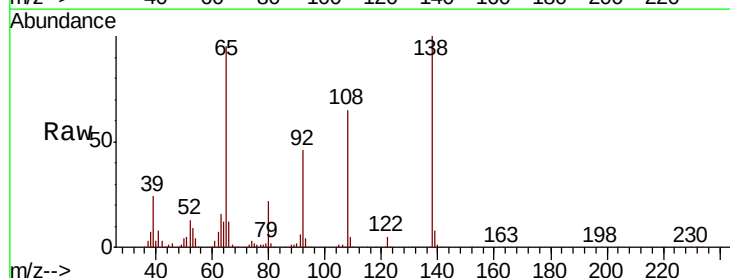
Manual Integrations
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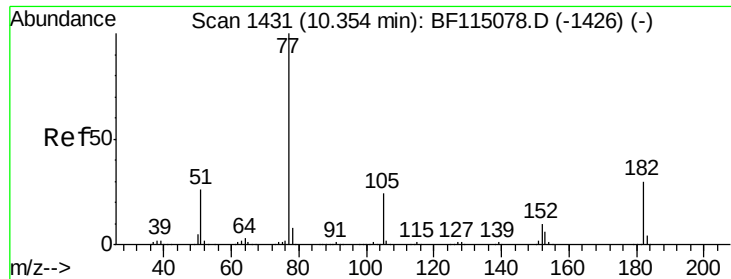
mohammad
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#62
4-Nitroaniline
Concen: 38.087 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.0	24.8	64.8
108	64.6	43.3	83.3





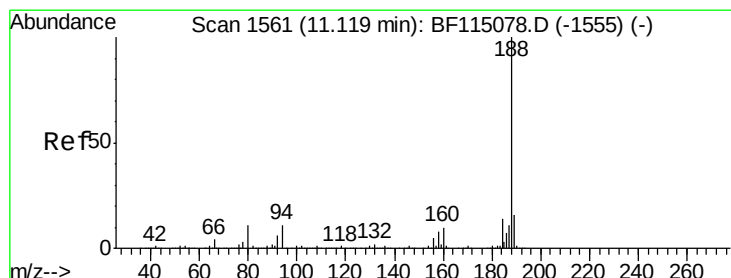
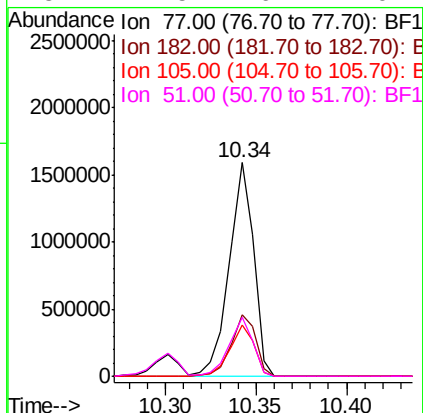
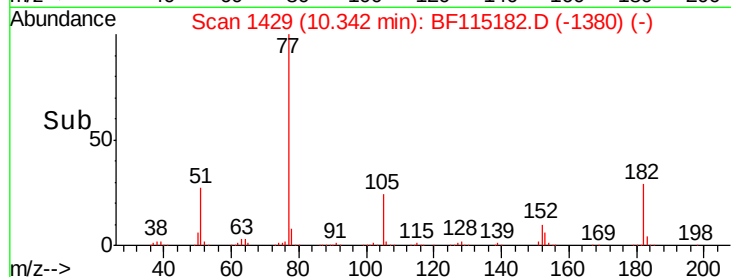
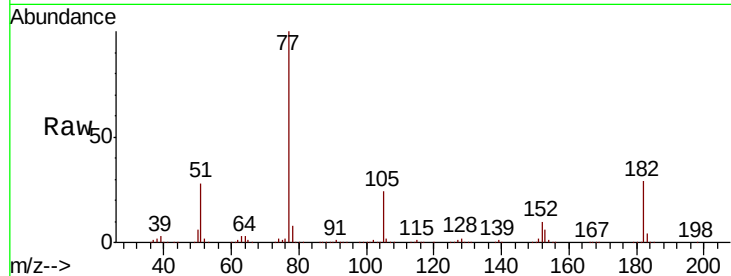
#63
Azobenzene
Concen: 39.961 ng
RT: 10.34 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.7	10.1	50.1
105	24.2	4.5	44.5
51	27.5	6.4	46.4

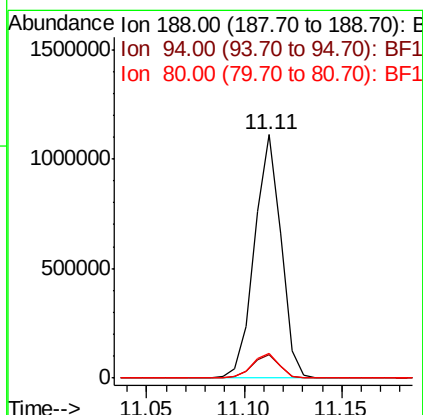
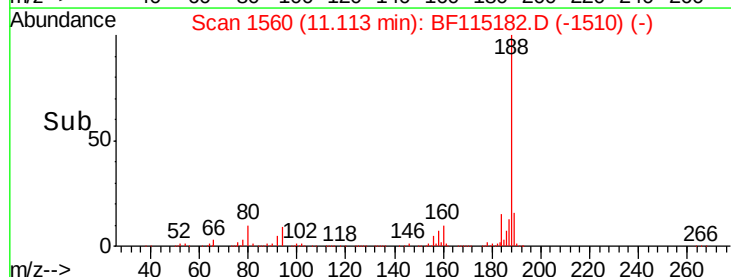
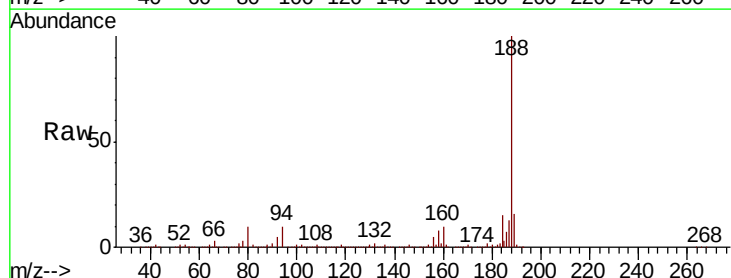
Manual Integrations
APPROVED

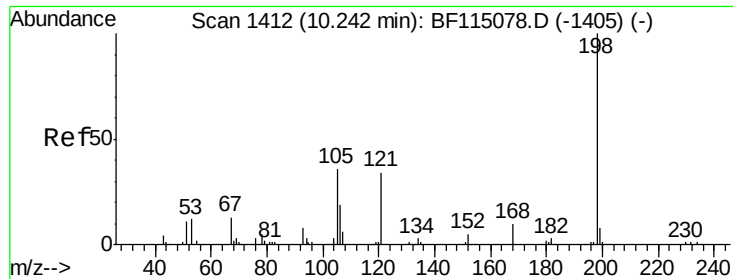
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.6	12.8
80	10.1	8.8	13.2





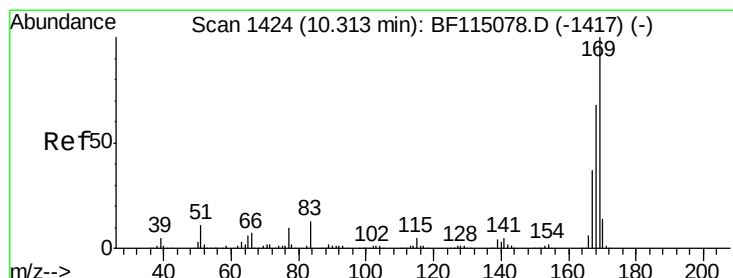
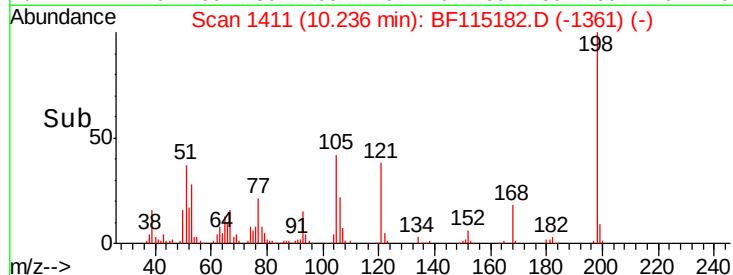
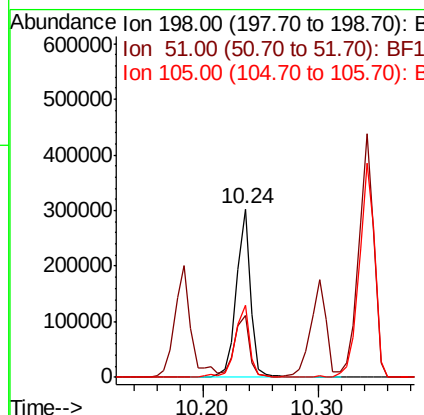
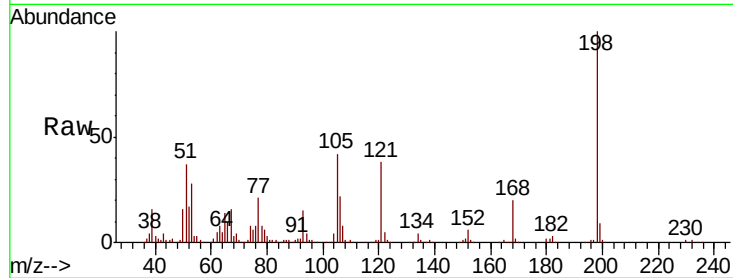
#65
4,6-Dinitro-2-methylphenol
Concen: 46.358 ng
RT: 10.24 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampled :
PB120870BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.6	11.0	51.0
105	42.4	17.3	57.3

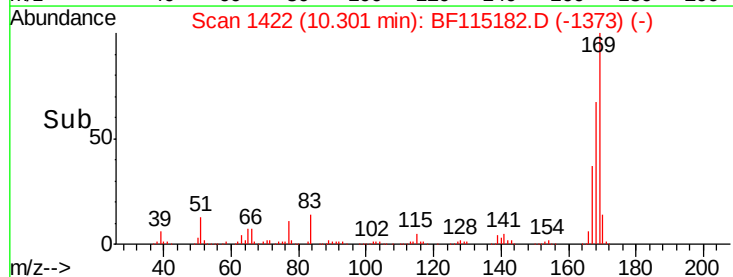
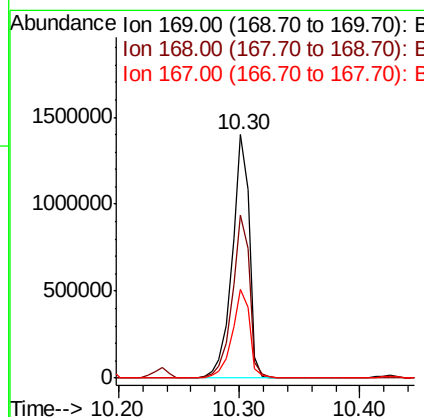
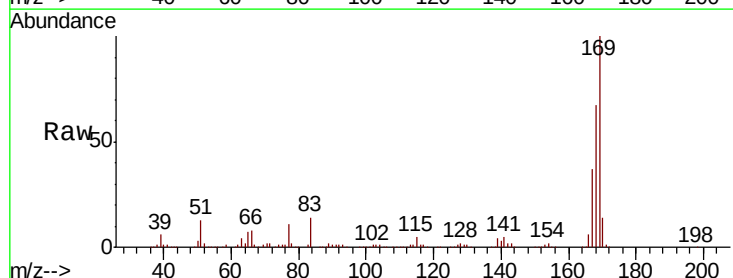
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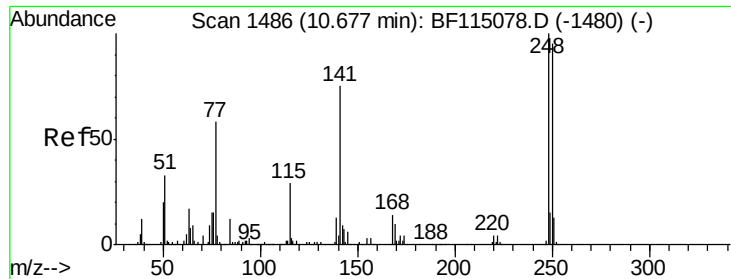
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#66
n-Nitrosodiphenylamine
Concen: 42.070 ng
RT: 10.30 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.2	81.4
167	36.6	29.4	44.0





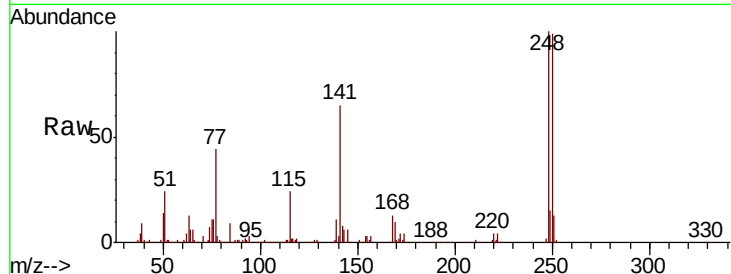
#67
 4-Bromophenyl-phenylether
 Concen: 41.413 ng
 RT: 10.67 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.2	114.2
141	65.3	59.6	89.4

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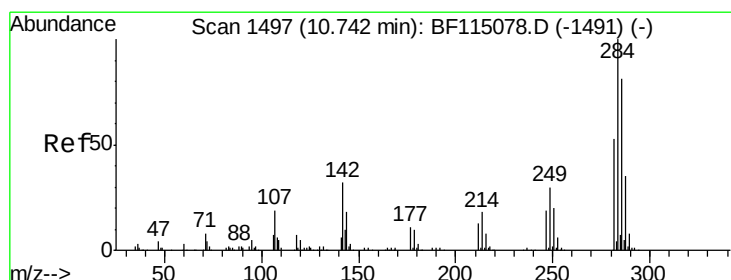
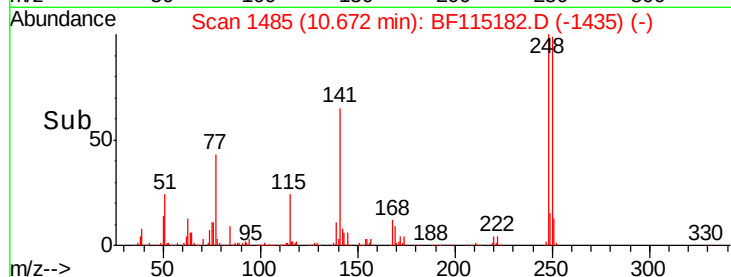
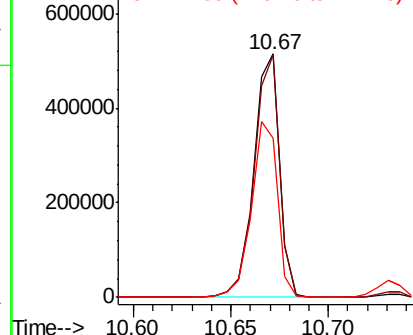


Abundance

Ion 248.00 (247.70 to 248.70): E

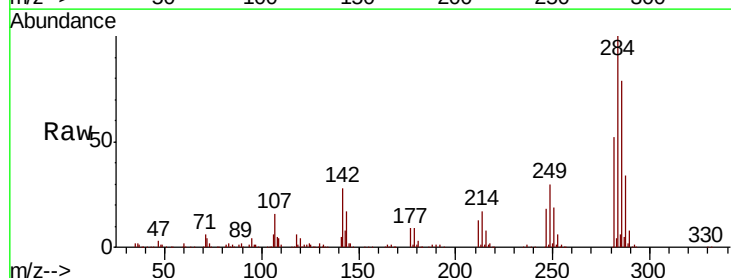
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.880 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	25.8	38.8
249	29.5	24.2	36.4

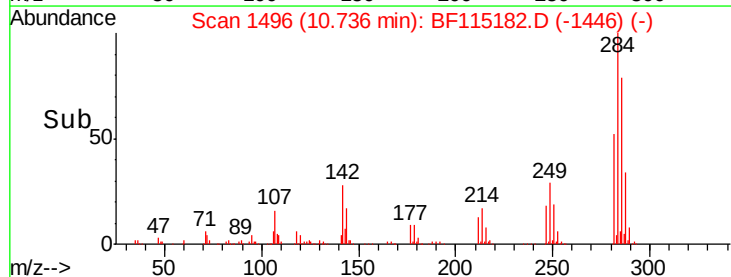
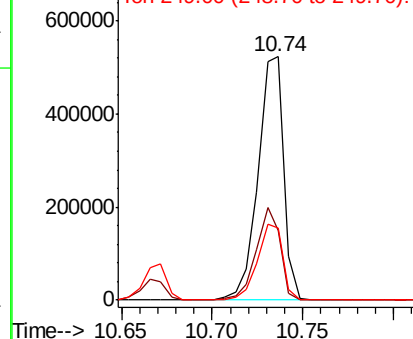


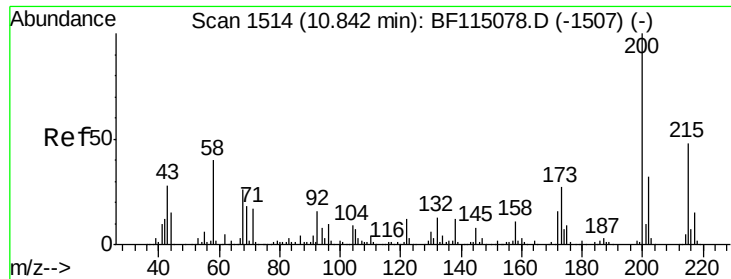
Abundance

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





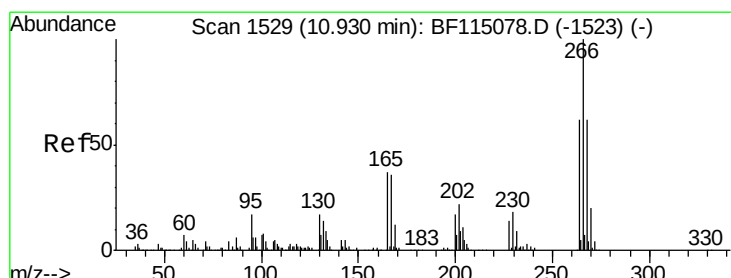
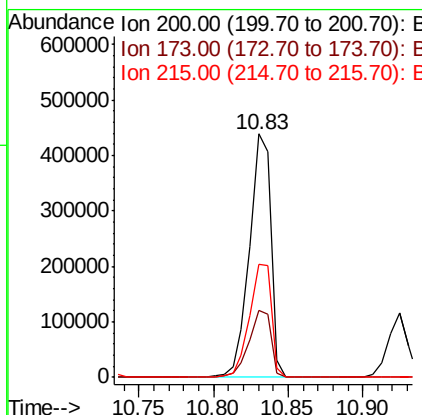
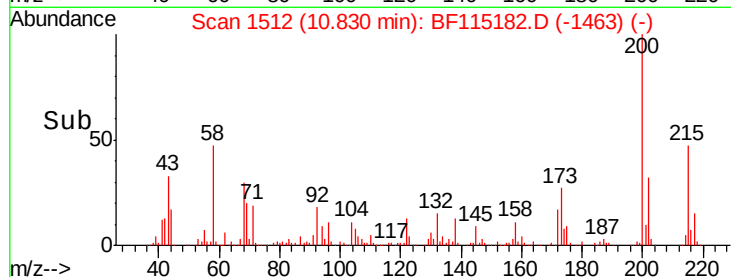
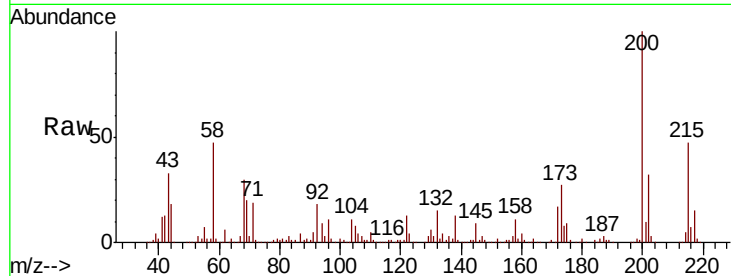
#69
Atrazine
Concen: 41.507 ng
RT: 10.83 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	434572		
173	27.4	7.4	47.4	
215	46.5	27.8	67.8	

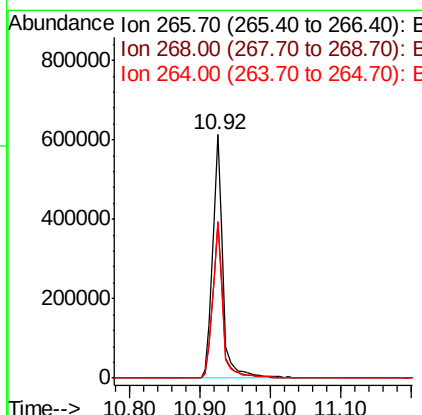
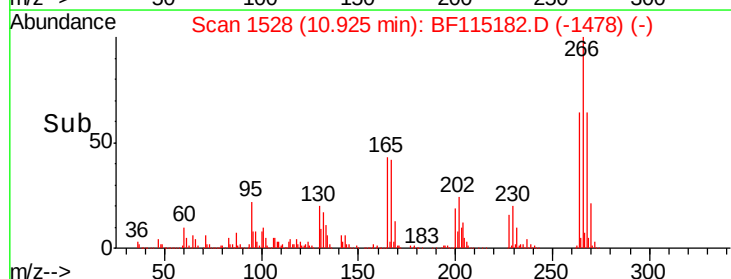
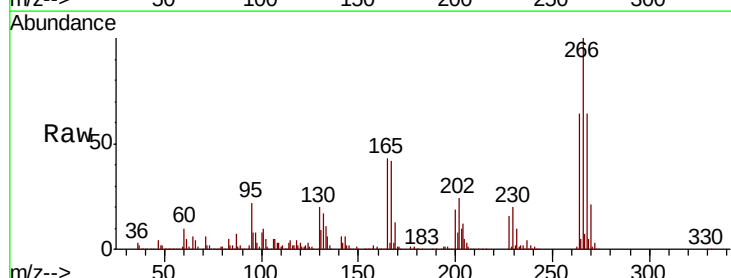
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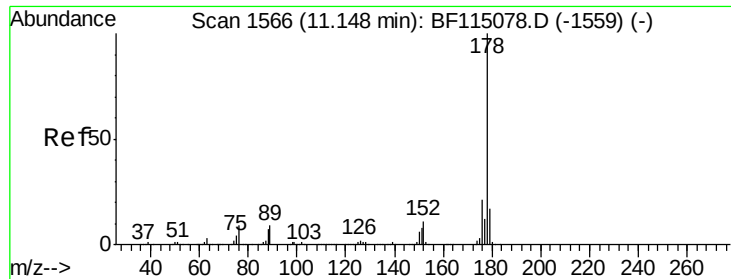
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#70
Pentachlorophenol
Concen: 80.743 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	632414		
268	63.9	49.5	74.3	
264	64.1	49.3	73.9	





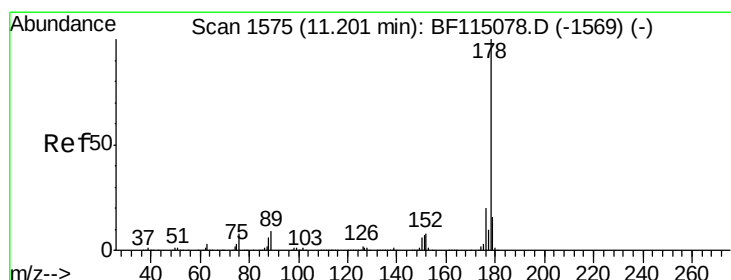
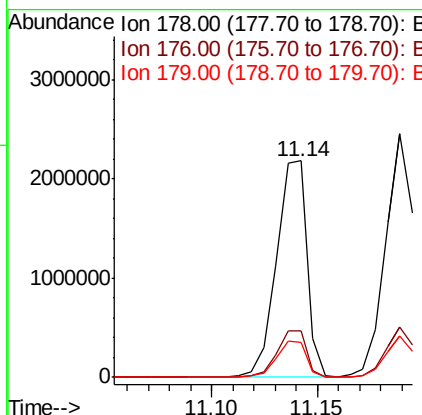
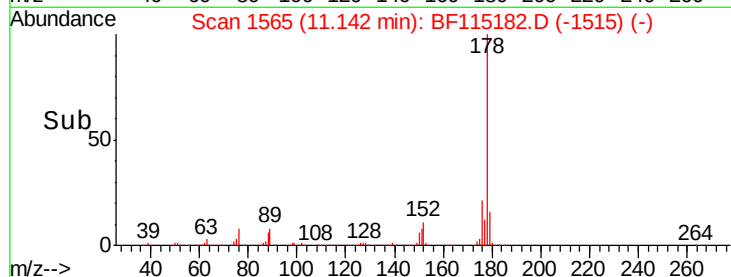
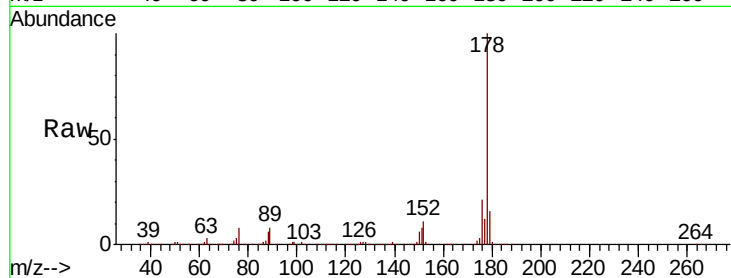
#71
Phenanthrene
Concen: 39.223 ng
RT: 11.14 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tot Ion:178 Resp: 2206237
Ion Ratio Lower Upper
178 100
176 21.2 16.9 25.3
179 16.3 13.2 19.8

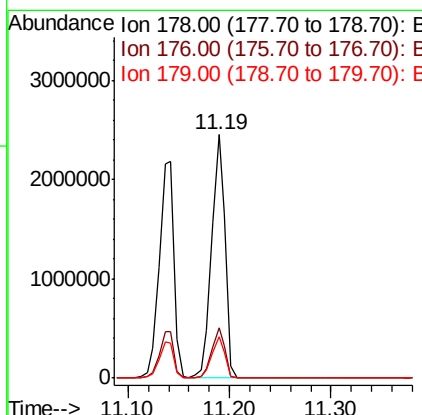
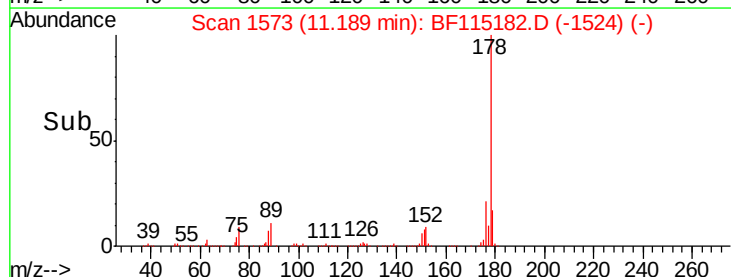
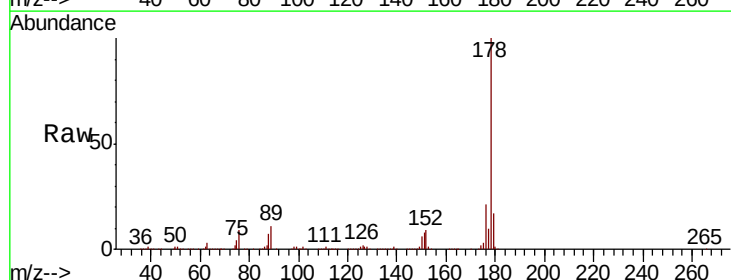
Manual Integrations
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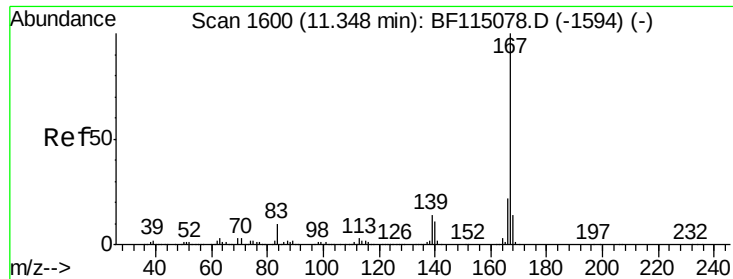
mohammad
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#72
Anthracene
Concen: 39.940 ng
RT: 11.19 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion:178 Resp: 2267772
Ion Ratio Lower Upper
178 100
176 20.7 16.1 24.1
179 17.0 12.9 19.3





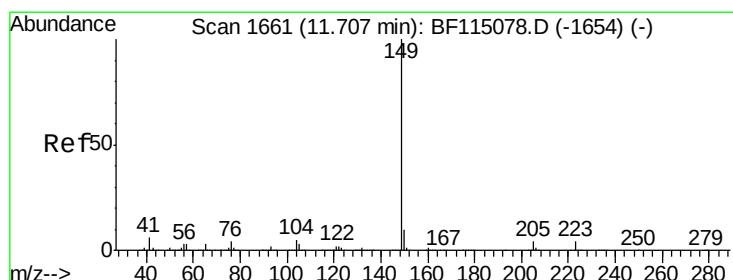
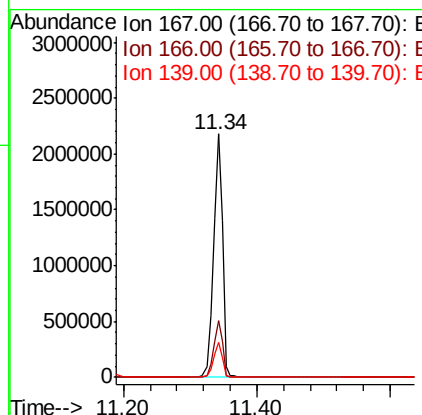
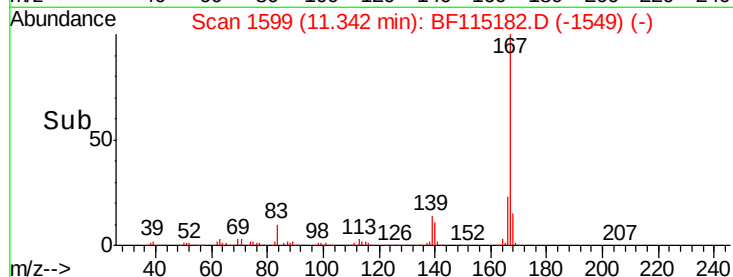
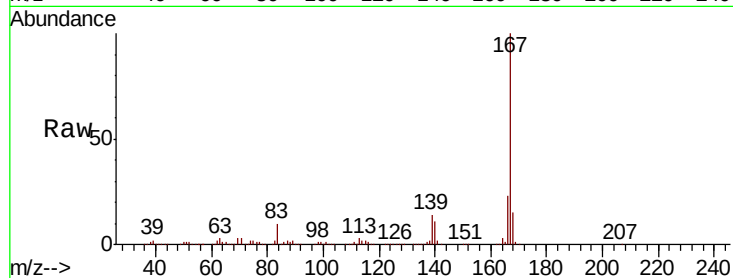
#73
 Carbazole
 Concen: 40.798 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Instrument :
 BNA_F
 ClientSampled :
 PB120870BS

Tot Ion:167 Resp: 2068497
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.0 27.0
 139 14.5 11.1 16.7

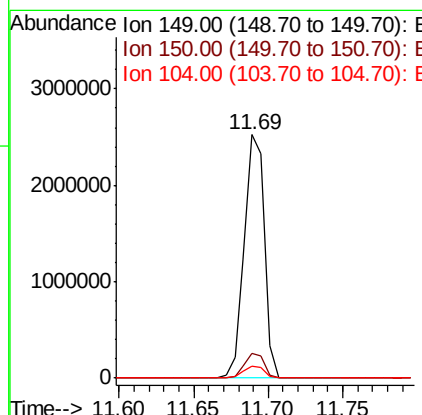
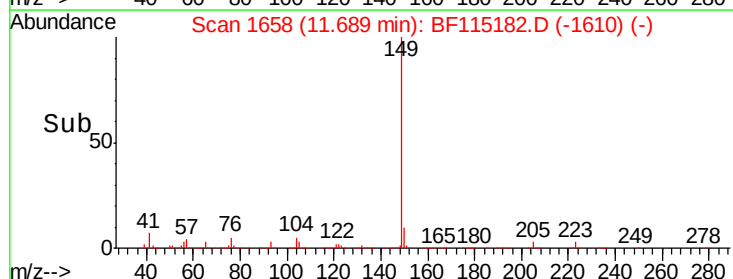
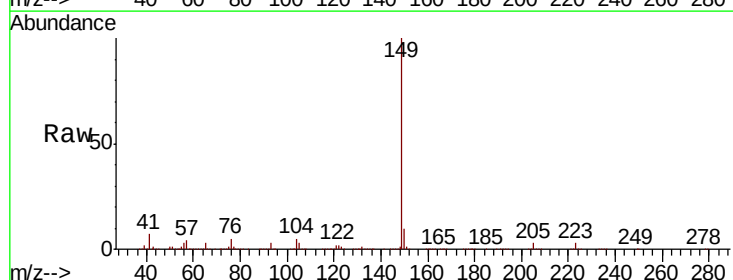
Manual Integrations
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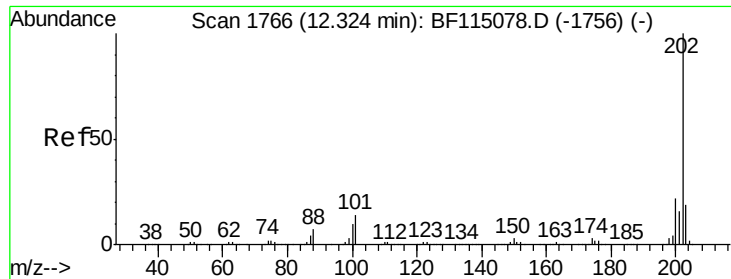
mohammad
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#74
 Di-n-butylphthalate
 Concen: 40.325 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion:149 Resp: 2362548
 Ion Ratio Lower Upper
 149 100
 150 10.4 7.8 11.8
 104 5.2 3.7 5.5





#75

Fluoranthene

Concen: 40.446 ng

RT: 12.32 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

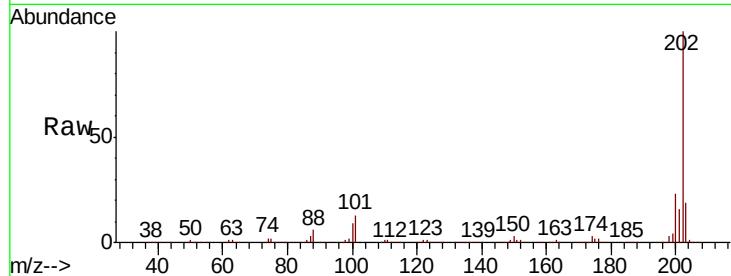
ClientSampleId :

PB120870BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.0
203	19.0	0.0	38.8

Manual Integrations
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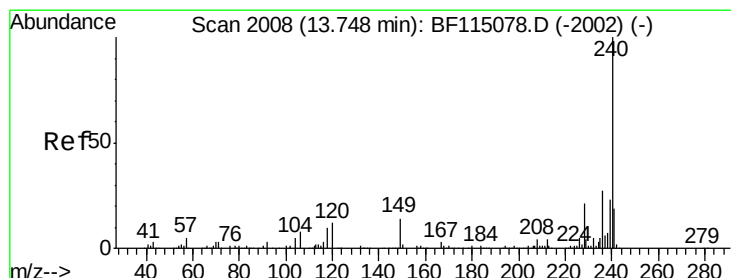
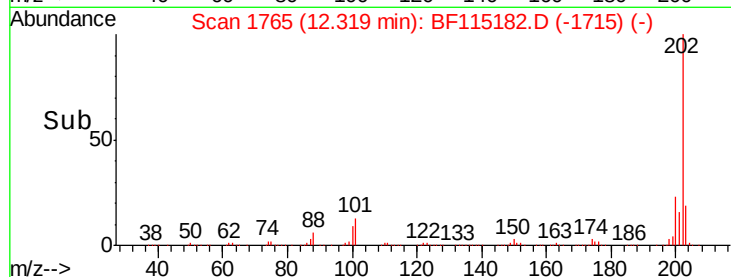
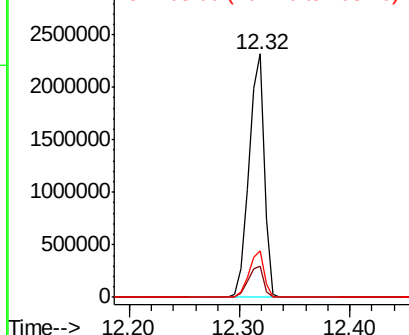


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

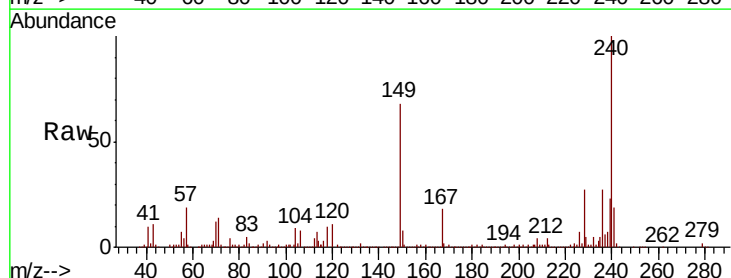
RT: 13.74 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.4	14.2
236	26.9	21.7	32.5

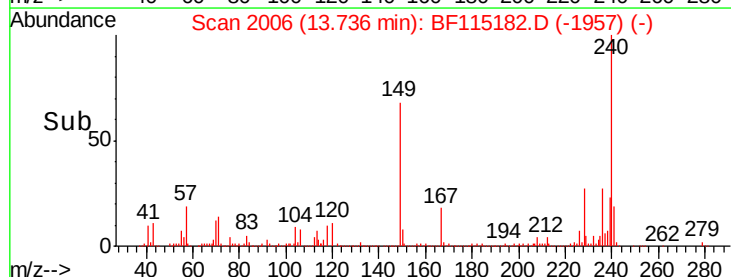
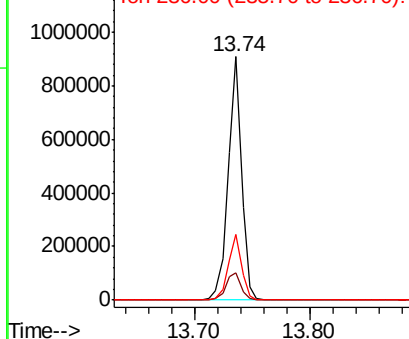


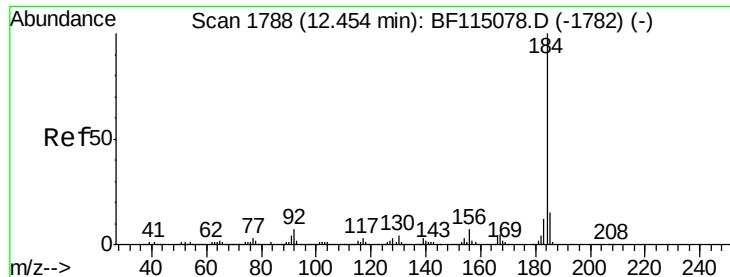
Abundance

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: 23.980 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

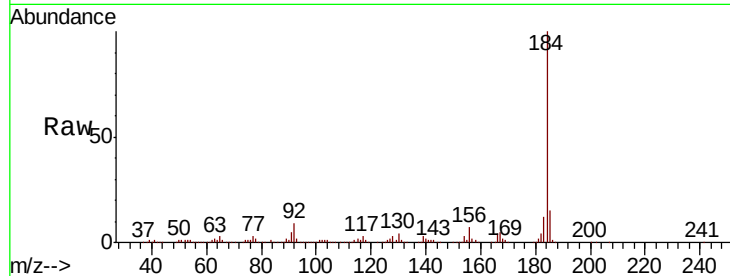
ClientSampleId :

PB120870BS

Tot Ion:	184	Resp:	776386
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.2	18.2
183	11.7	9.6	14.4

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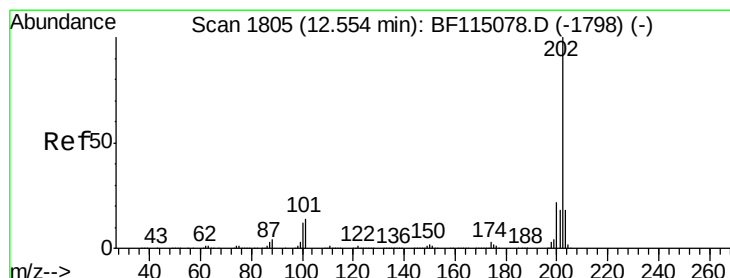
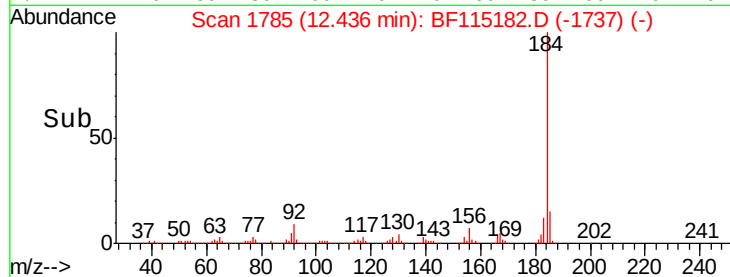
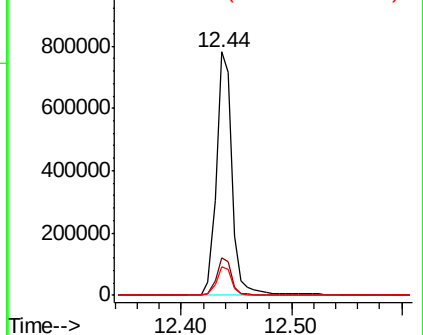


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.164 ng

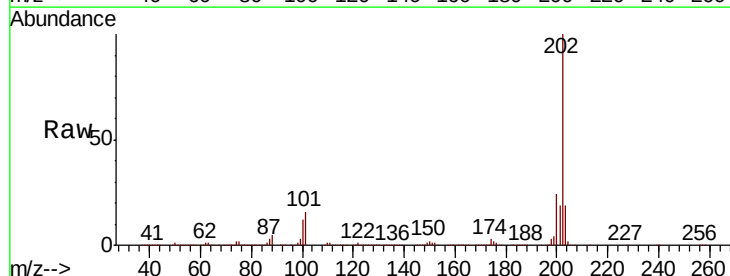
RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Tgt Ion:	202	Resp:	2306574
Ion Ratio	Lower	Upper	
202	100		
200	23.5	17.9	26.9
203	19.1	14.6	21.8

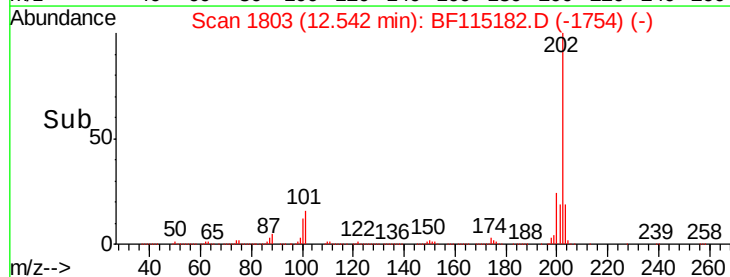
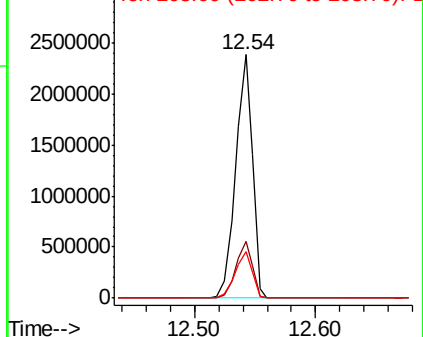


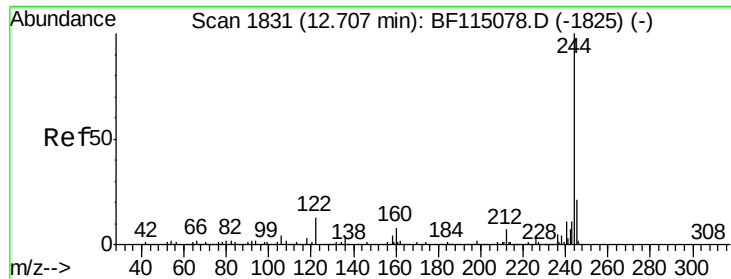
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





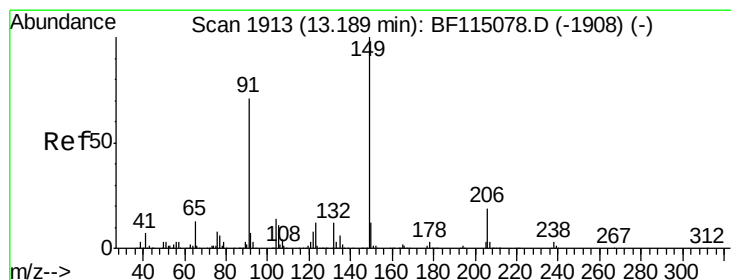
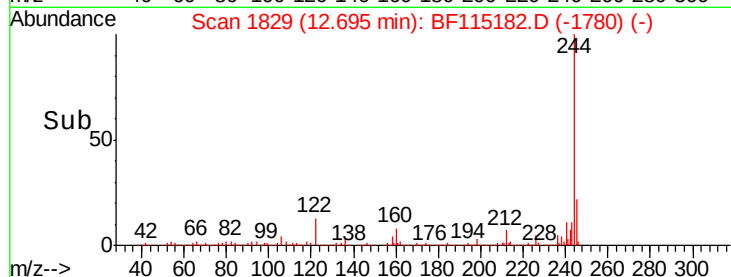
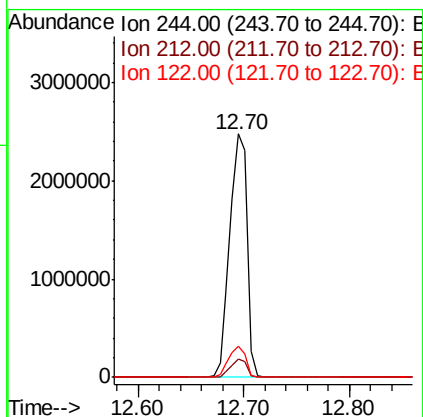
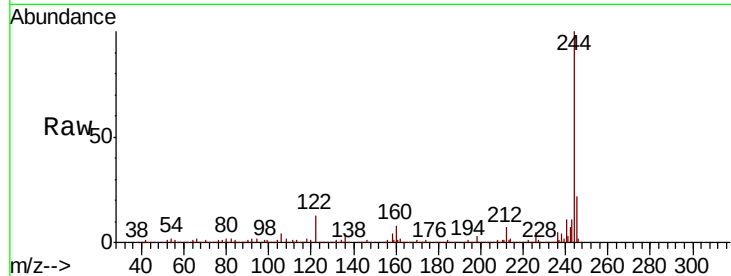
#79
 Terphenyl-d14
 Concen: 81.368 ng
 RT: 12.70 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Instrument :
 BNA_F
 ClientSampleId :
 PB120870BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	12.8	10.4	15.6

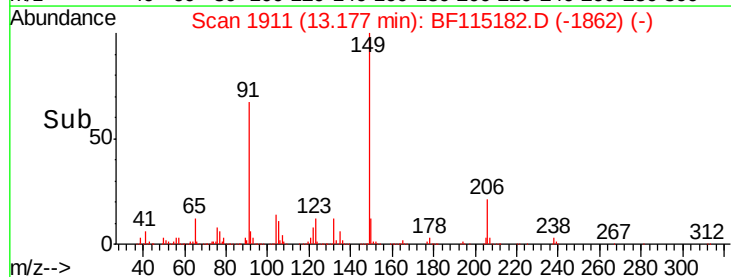
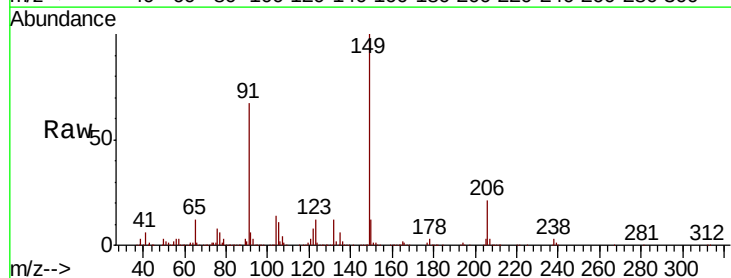
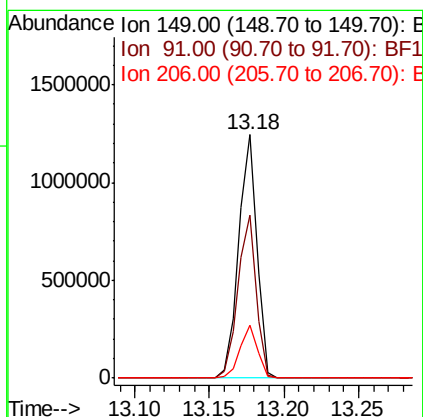
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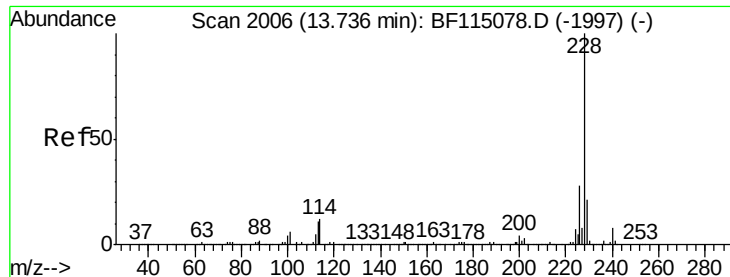
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#80
 Butylbenzylphthalate
 Concen: 43.277 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BF115182.D
 Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.0	56.5	84.7
206	21.5	15.3	22.9





#81

Benzo(a)anthracene

Concen: 40.685 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

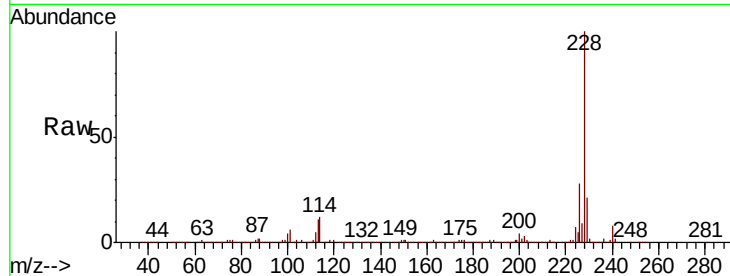
ClientSampleId :

PB120870BS

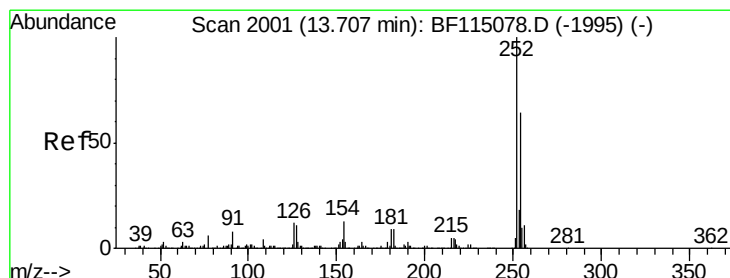
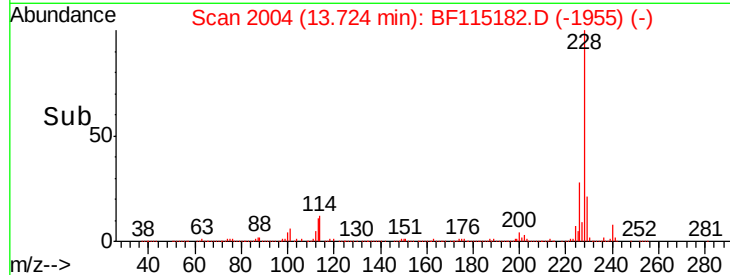
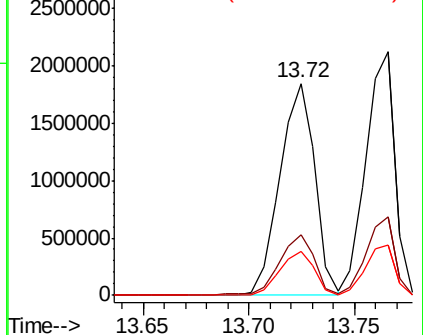
Tot Ion:	228	Resp:	2128501
Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.5	33.7
229	20.7	16.6	24.8

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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: 35.693 ng

RT: 13.69 min Scan# 1999

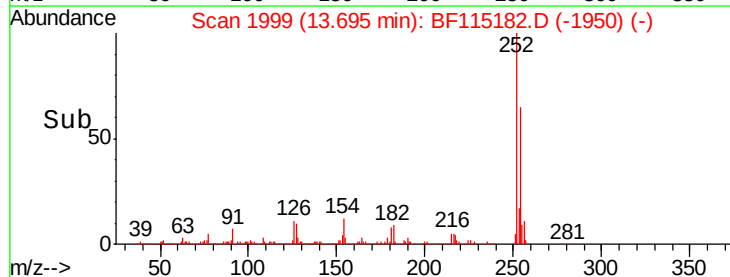
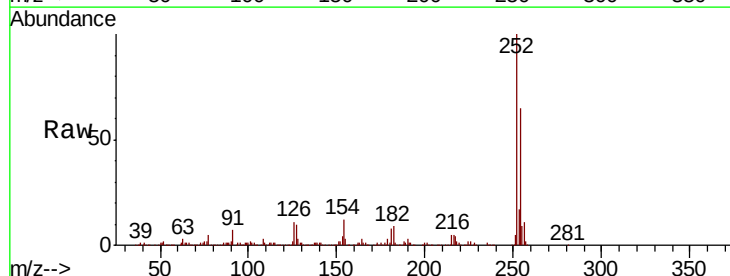
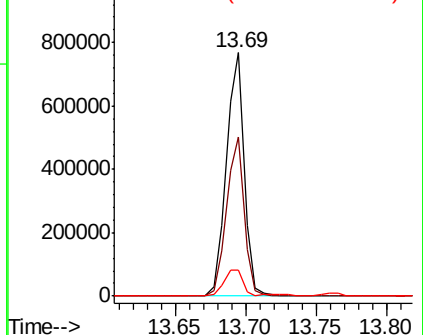
Delta R.T. -0.01 min

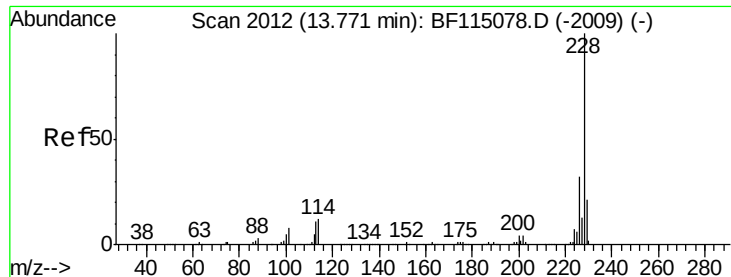
Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Tgt Ion:	252	Resp:	674340
Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.1	76.7
126	10.7	9.4	14.0

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





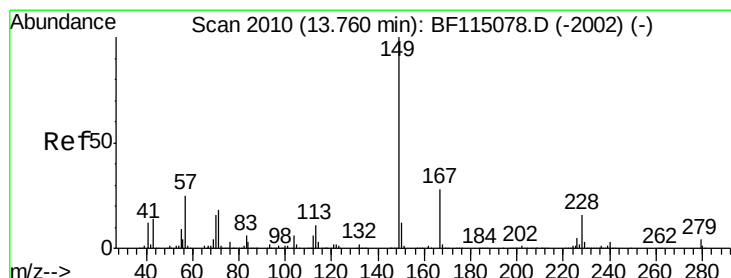
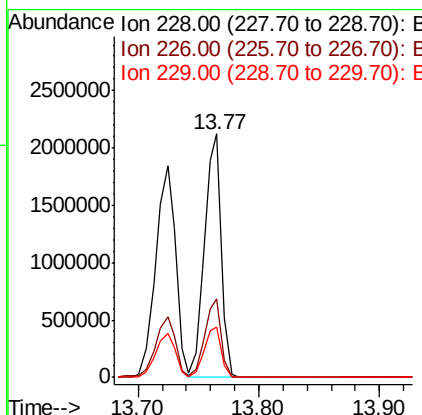
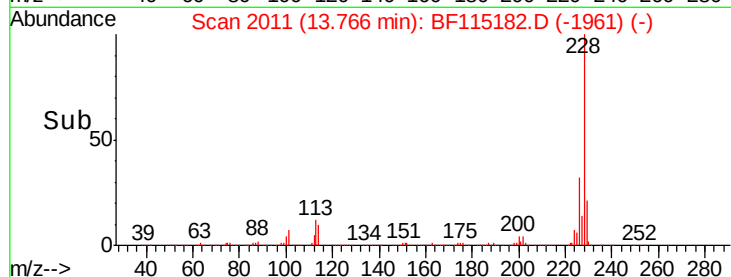
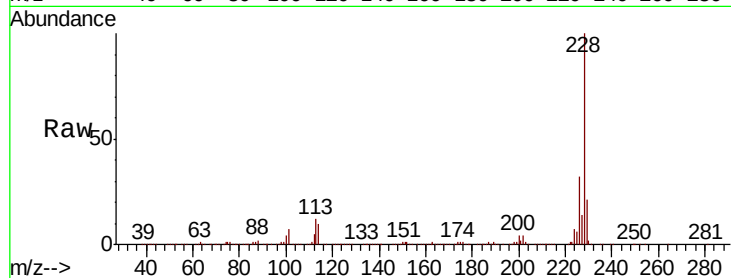
#83
Chrysene
Concen: 42.271 ng
RT: 13.77 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampled :
PB120870BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.4	38.0
229	20.8	16.5	24.7

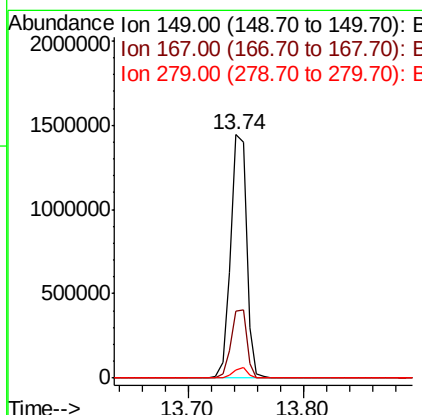
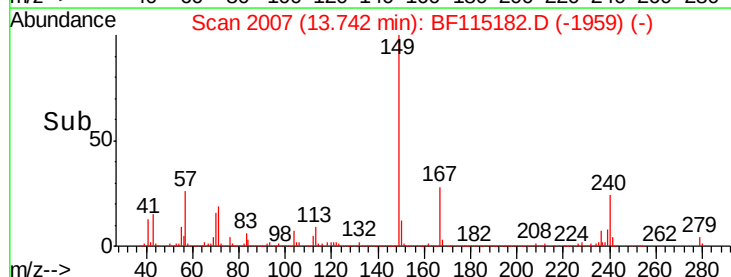
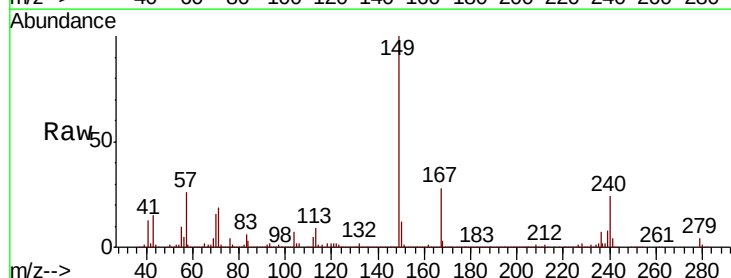
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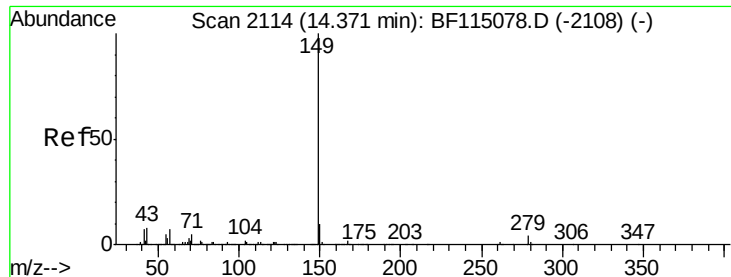
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.653 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.4
279	3.5	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 43.263 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

Instrument :

BNA_F

ClientSampleId :

PB120870BS

Tot Ion:149 Resp: 2355242

Ion Ratio Lower Upper

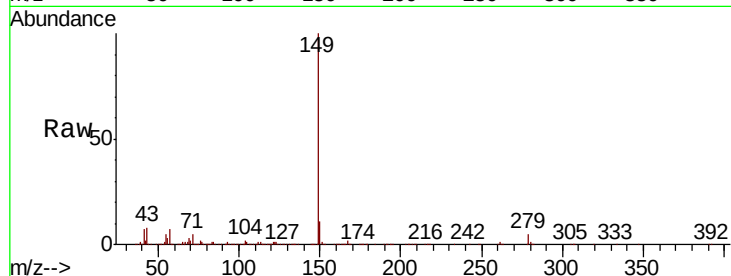
149 100

167 1.7 1.2 1.8

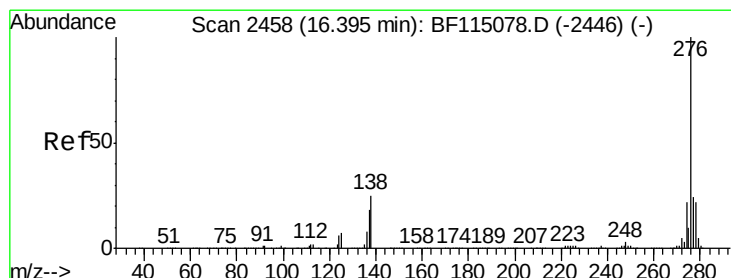
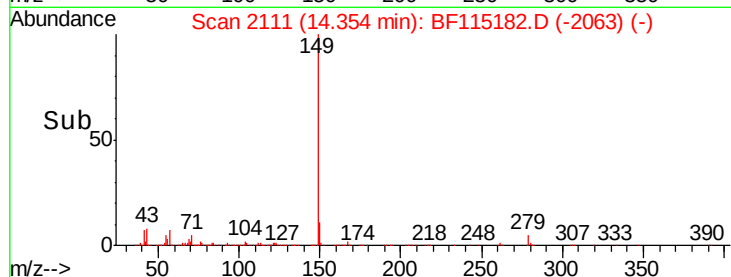
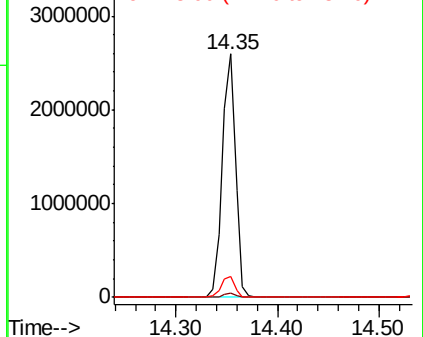
43 8.7 7.0 10.6

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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: 42.101 ng

RT: 16.38 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BF115182.D

Acq: 25 Jun 2019 12:14

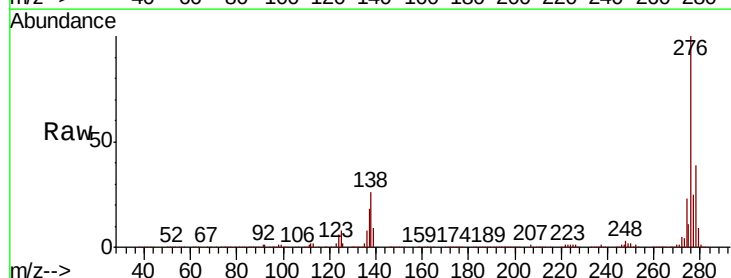
Tgt Ion:276 Resp: 2387453

Ion Ratio Lower Upper

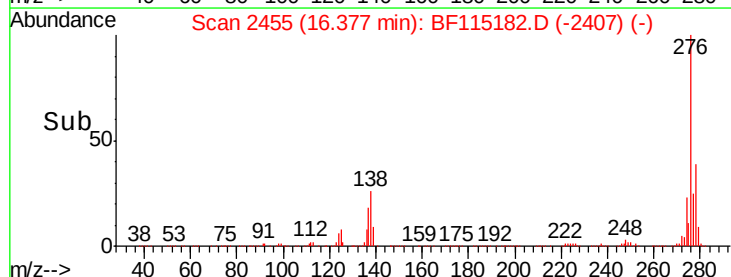
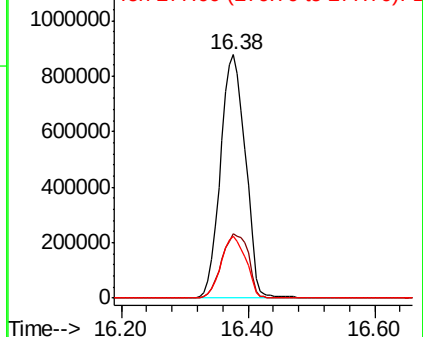
276 100

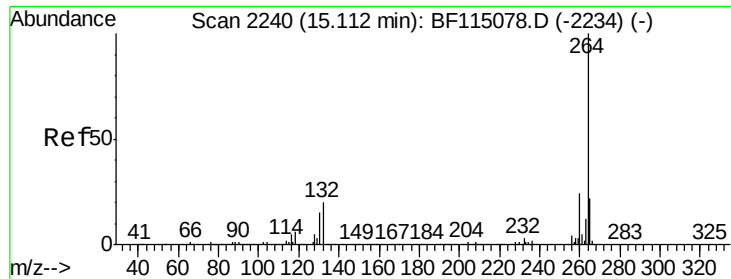
138 28.4 23.2 34.8

277 25.5 20.1 30.1



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





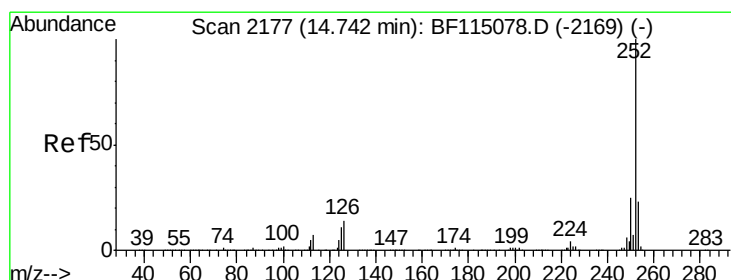
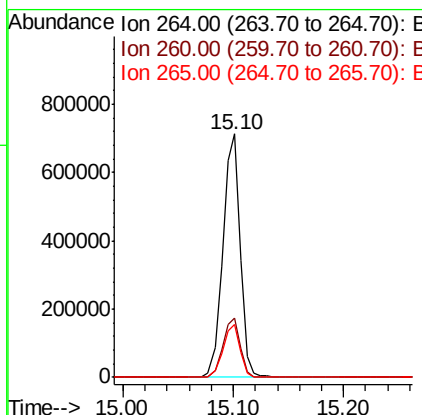
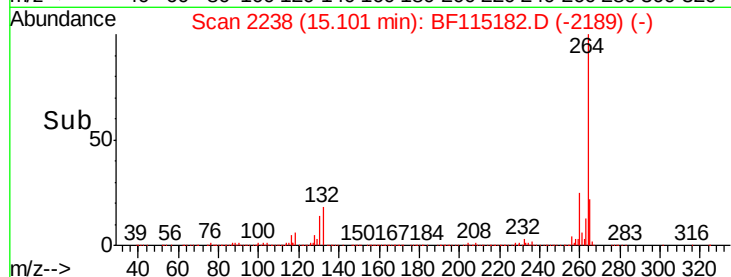
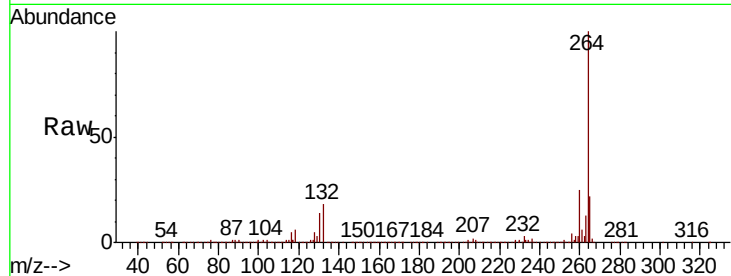
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.8	17.3	25.9

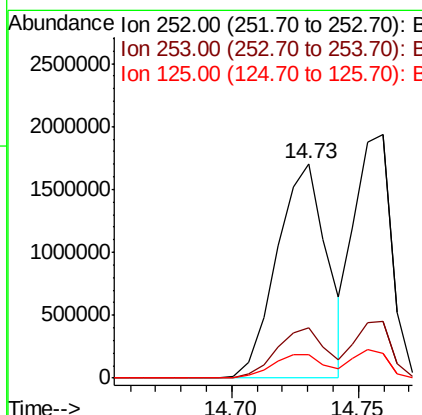
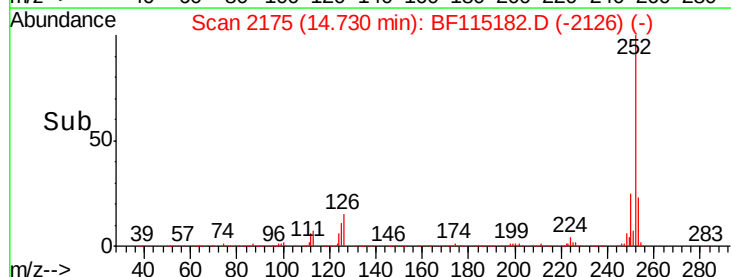
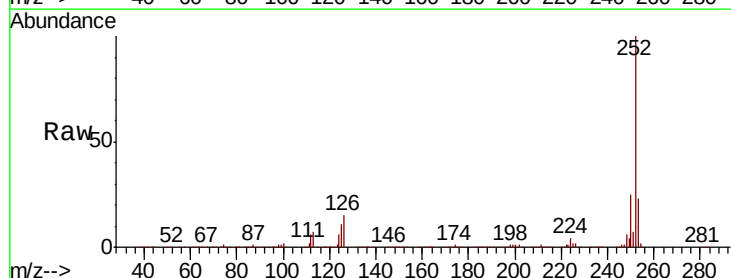
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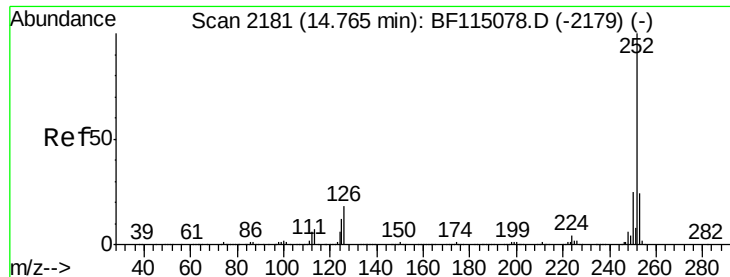
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#88
Benzo(b)fluoranthene
Concen: 48.246 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	11.1	8.7	13.1





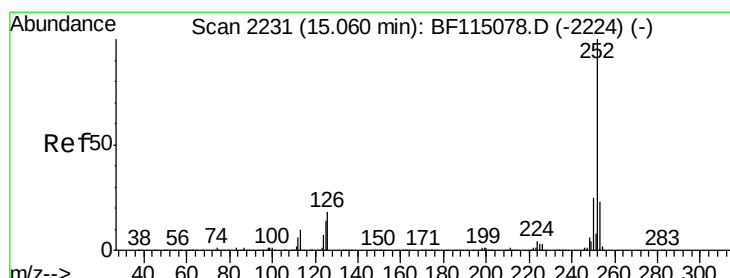
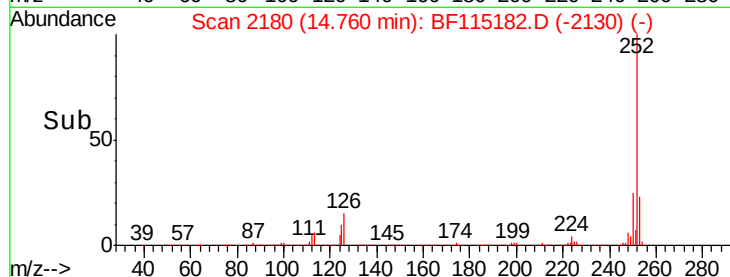
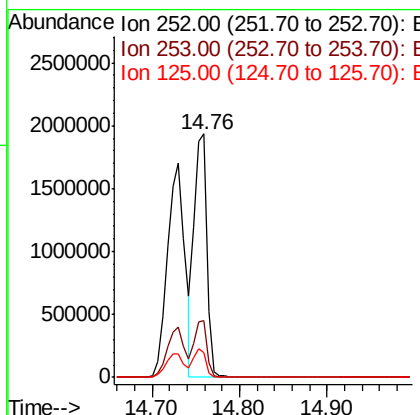
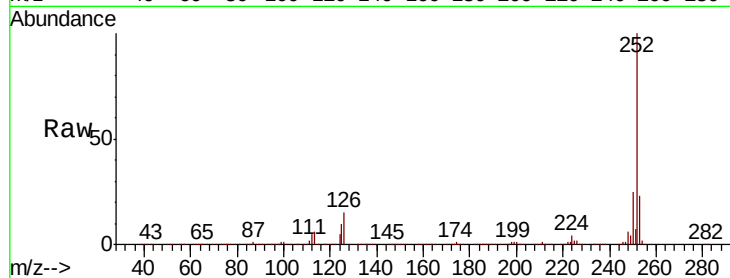
#89
Benzo(k)fluoranthene
Concen: 45.568 ng
RT: 14.76 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	10.2	10.2	15.2

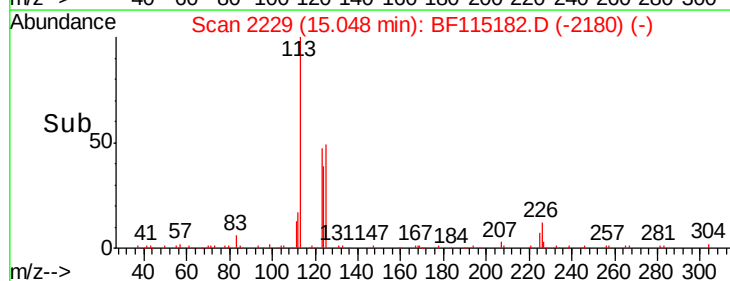
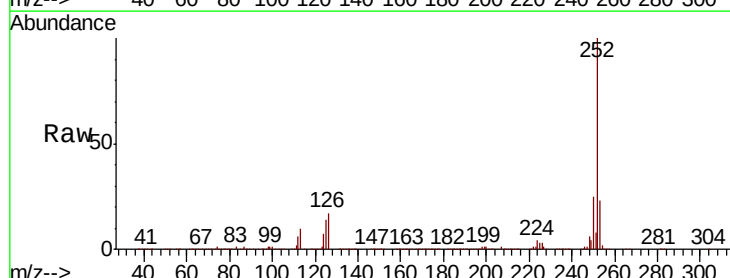
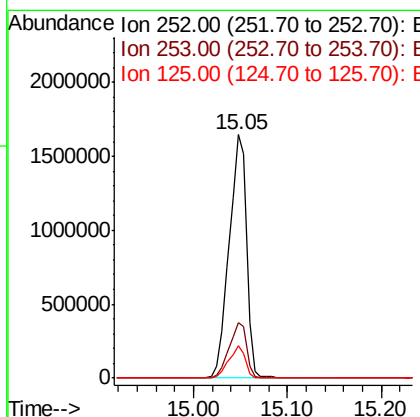
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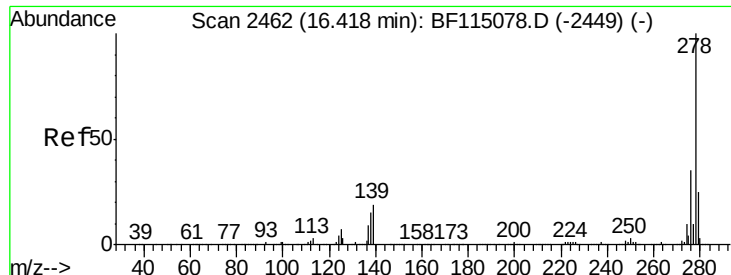
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#90
Benzo(a)pyrene
Concen: 48.525 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	13.5	10.9	16.3





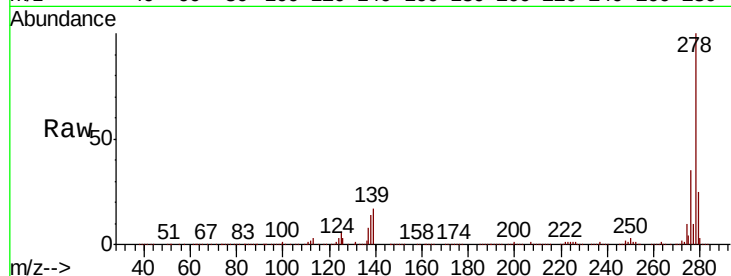
#91
Dibenzo(a,h)anthracene
Concen: 48.073 ng
RT: 16.40 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Instrument :
BNA_F
ClientSampleId :
PB120870BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.4	23.2
279	24.6	19.9	29.9

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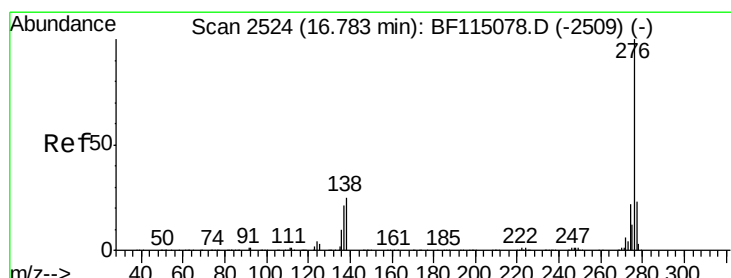
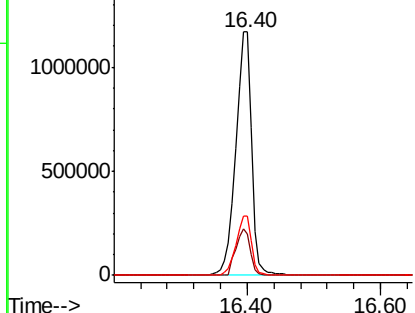
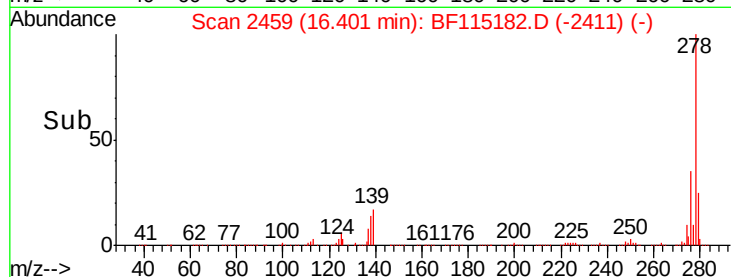


Abundance

Ion 278.00 (277.70 to 278.70): E

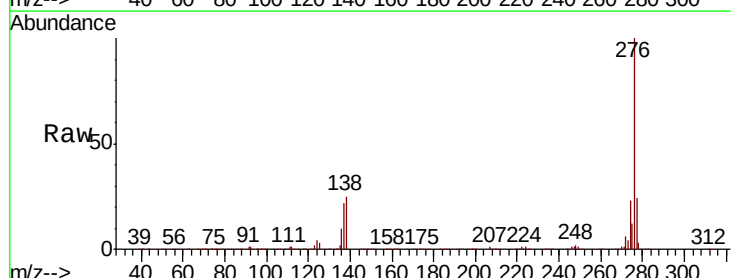
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.200 ng
RT: 16.76 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF115182.D
Acq: 25 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	25.0	19.8	29.6



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

