

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082118\
 Data File : BF108355.D
 Acq On : 21 Aug 2018 23:25
 Operator : JU/SJ
 Sample : J4521-01MS 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT2286MS

Quant Time: Aug 22 00:45:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 15:20:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	161455	20.00	ng	-0.01
21) Naphthalene-d8	8.29	136	625634	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	283492	20.00	ng	-0.02
63) Phenanthrene-d10	11.54	188	468372	20.00	ng	-0.02
75) Chrysene-d12	14.20	240	361510	20.00	ng	-0.02
86) Perylene-d12	15.75	264	324827	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	69797	7.83	ng	-0.01
7) Phenol-d6	6.61	99	122726	10.36	ng	-0.02
23) Nitrobenzene-d5	7.56	82	78904	7.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	31082	10.99	ng	-0.02
44) 2-Fluorobiphenyl	9.36	172	194275	11.00	ng	-0.02
78) Terphenyl-d14	13.12	244	145213	10.21	ng	-0.02

Target Compounds

						Qvalue
8) 2-Chlorophenol	6.78	128	26591	2.647	ng	96
10) Phenol	6.63	94	36630	2.988	ng	94
11) bis(2-Chloroethyl)ether	6.72	93	23963	2.418	ng	93
12) 1,3-Dichlorobenzene	6.94	146	25391	2.186	ng	97
13) 1,4-Dichlorobenzene	7.02	146	26269	2.251	ng	98
14) 1,2-Dichlorobenzene	7.17	146	25552	2.354	ng	97
15) Benzyl Alcohol	7.14	79	26955	2.702	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	50718	2.484	ng	99
17) 2-Methylphenol	7.24	107	26287	3.052	ng	97
19) n-Nitroso-di-n-propylamine	7.40	70	25991	3.243	ng	91
20) 3+4-Methylphenols	7.40	107	37712	3.417	ng	# 86
22) Acetophenone	7.40	105	46686	3.191	ng	# 89
24) Nitrobenzene	7.58	77	33863	2.987	ng	92
25) Isophorone	7.81	82	74543	3.488	ng	94
26) 2-Nitrophenol	7.90	139	12551	2.931	ng	# 88
27) 2,4-Dimethylphenol	7.92	122	33409	3.522	ng	98
28) bis(2-Chloroethoxy)methane	8.02	93	43816	3.512	ng	98
29) 2,4-Dichlorophenol	8.14	162	30847	3.534	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	30499	3.169	ng	97
31) Naphthalene	8.31	128	101526	3.568	ng	97
32) Benzoic acid	7.99	122	2176	6.321	ng	# 85
34) Hexachlorobutadiene	8.42	225	18958	3.112	ng	97
35) Caprolactam	8.68	113	9546	3.490	ng	95
36) 4-Chloro-3-methylphenol	8.82	107	34484	3.662	ng	98
37) 2-Methylnaphthalene	9.00	142	75326	3.742	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	37864	4.349	ng	# 95
42) 2,4,6-Trichlorophenol	9.28	196	22583	4.180	ng	98
43) 2,4,5-Trichlorophenol	9.31	196	24230	4.074	ng	93
45) 1,1'-Biphenyl	9.46	154	96935	4.638	ng	97
46) 2-Chloronaphthalene	9.49	162	72540	4.391	ng	96
47) 2-Nitroaniline	9.58	65	22367	4.184	ng	85
48) Acenaphthylene	9.91	152	113889	4.361	ng	99
49) Dimethylphthalate	9.75	163	98114	4.968	ng	99
50) 2,6-Dinitrotoluene	9.82	165	15958	3.862	ng	97

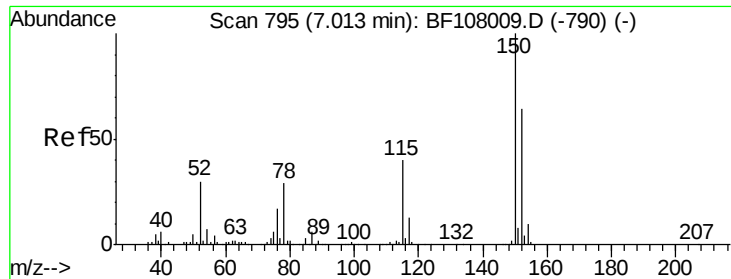
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Acenaphthene	10.08	154	68200	4.263	ng	98
52) 3-Nitroaniline	10.00	138	14797	3.273	ng	100
54) Dibenzofuran	10.25	168	104054	4.490	ng	98
55) 4-Nitrophenol	10.15	139	17992	5.256	ng	86
56) 2,4-Dinitrotoluene	10.23	165	18119	3.407	ng	# 95
57) Fluorene	10.60	166	80764	4.402	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.37	232	16101	3.239	ng	# 87
59) Diethylphthalate	10.45	149	84235	4.405	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	40056	4.190	ng	91
61) 4-Nitroaniline	10.61	138	16075	3.597	ng	95
62) Azobenzene	10.74	77	76841	3.891	ng	94
64) 4,6-Dinitro-2-methylphenol	10.64	198	108	5.413	ng	# 1
65) n-Nitrosodiphenylamine	10.70	169	69096	4.992	ng	97
66) 4-Bromophenyl-phenylether	11.08	248	23330	4.584	ng	87
67) Hexachlorobenzene	11.15	284	22265	4.157	ng	# 89
68) Atrazine	11.22	200	21764	4.688	ng	98
69) Pentachlorophenol	11.34	266	10227	3.990	ng	98
70) Phenanthrene	11.57	178	139749	6.326	ng	98
71) Anthracene	11.62	178	118521	5.235	ng	98
72) Carbazole	11.77	167	82447	4.098	ng	99
73) Di-n-butylphthalate	12.09	149	118517	5.201	ng	98
74) Fluoranthene	12.77	202	191278	7.934	ng	94
76) Benzidine	12.88	184	28069	2.078	ng	96
77) Pyrene	13.00	202	183338	8.010	ng	98
79) Butylbenzylphthalate	13.60	149	37362	4.111	ng	97
80) Benzo(a)anthracene	14.18	228	133538	6.437	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	21558	2.899	ng	97
82) Chrysene	14.22	228	121815	6.404	ng	98
83) Bis(2-ethylhexyl)phthalate	14.15	149	56315	4.576	ng	99
84) Di-n-octyl phthalate	14.77	149	94193	5.018	ng	# 90
85) Indeno(1,2,3-cd)pyrene	17.36	276	76240	4.626	ng	# 92
87) Benzo(b)fluoranthene	15.28	252	133791	6.893	ng	99
88) Benzo(k)fluoranthene	15.31	252	88639	4.968	ng	98
89) Benzo(a)pyrene	15.68	252	107752	6.199	ng	99
90) Dibenzo(a,h)anthracene	17.38	278	56883	3.955	ng	97
91) Benzo(g,h,i)perylene	17.85	276	60920	4.302	ng	# 90

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

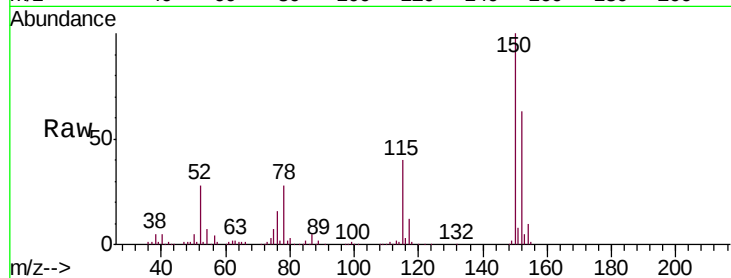


#1

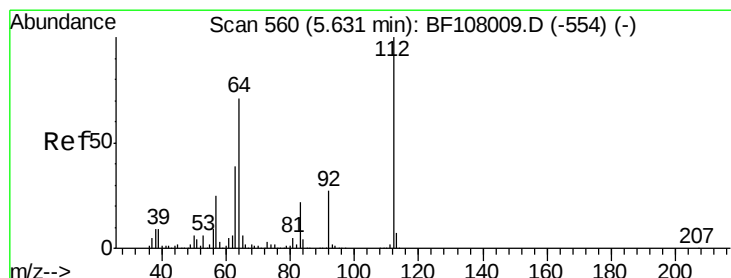
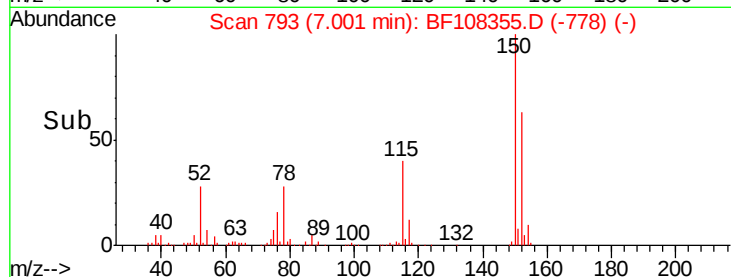
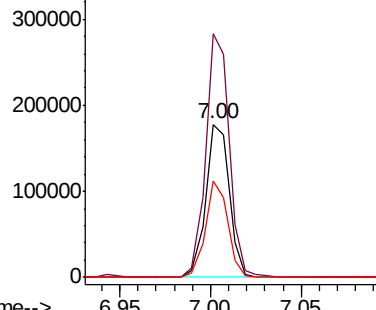
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:152 Resp: 161455
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 63.2 50.1 75.1



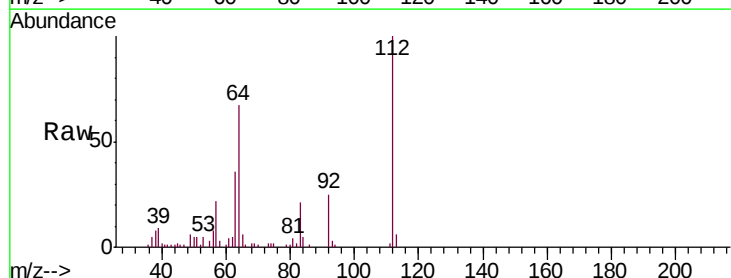
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



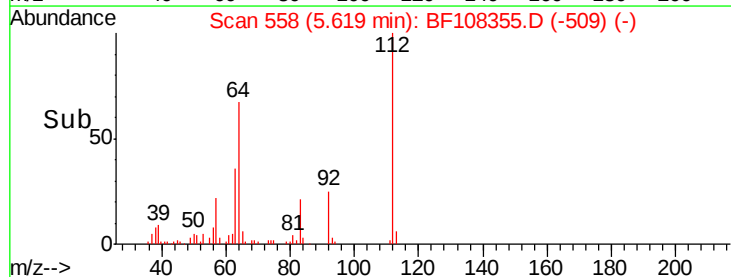
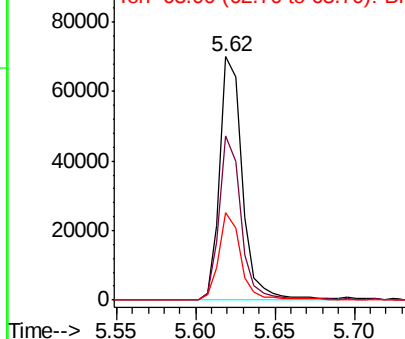
#5

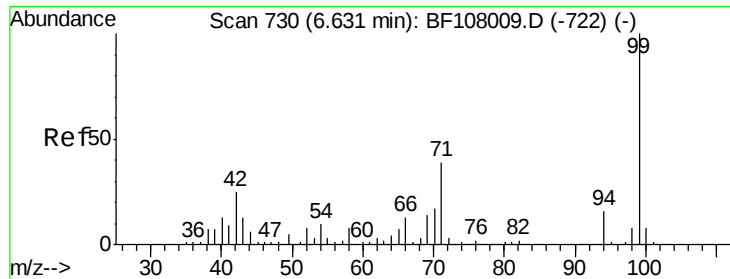
2-Fluorophenol
Concen: 7.827 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:112 Resp: 69797
Ion Ratio Lower Upper
112 100
64 67.4 47.9 71.9
63 35.8 23.7 35.5#



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





#7

Phenol-d6

Concen: 10.356 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RT2286MS

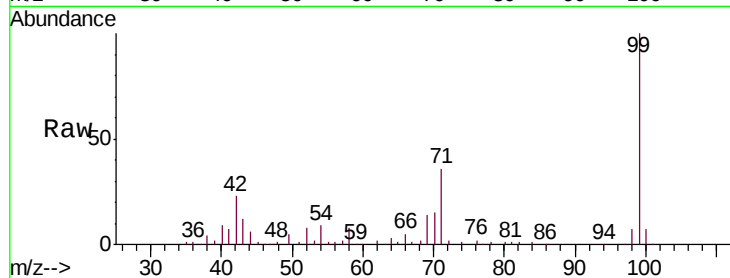
Tgt Ion: 99 Resp: 122726

Ion Ratio Lower Upper

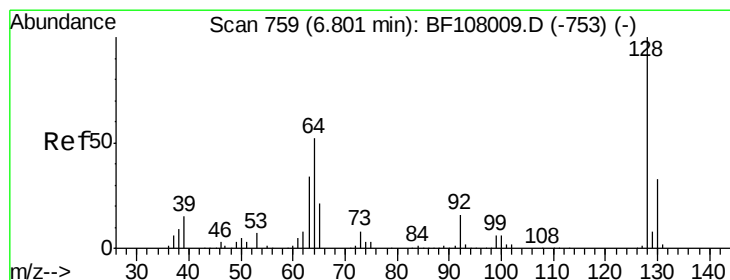
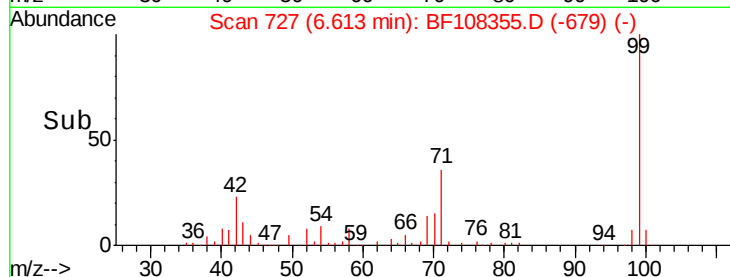
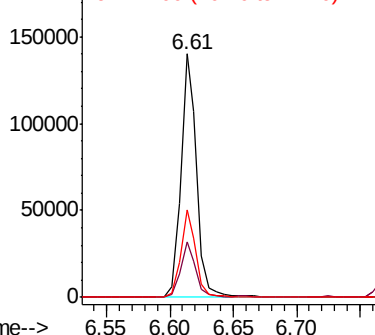
99 100

42 22.8 14.5 21.7#

71 35.8 25.4 38.0



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



#8

2-Chlorophenol

Concen: 2.647 ng

RT: 6.78 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

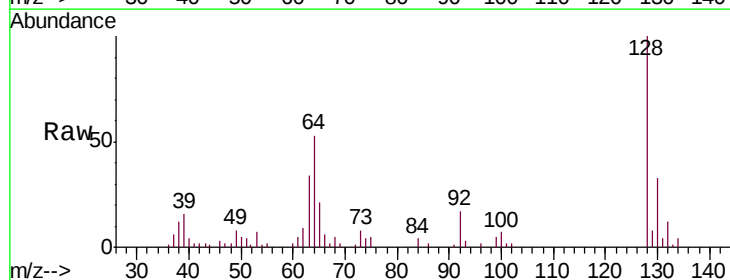
Tgt Ion: 128 Resp: 26591

Ion Ratio Lower Upper

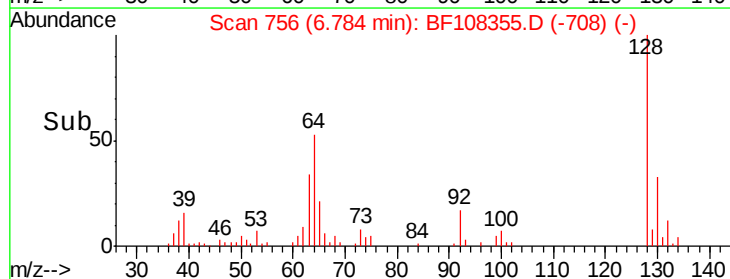
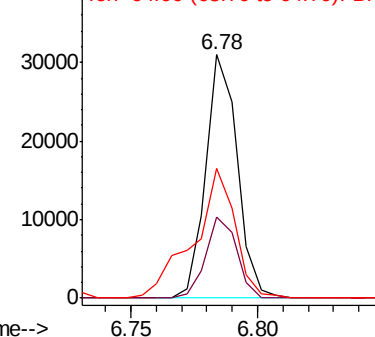
128 100

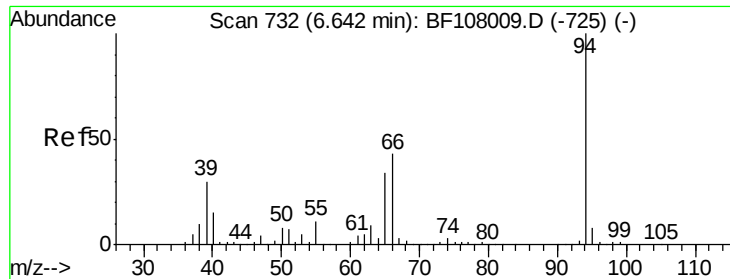
130 33.5 13.0 53.0

64 53.1 29.4 69.4



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





#10

Phenol

Concen: 2.988 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Instrument :

BNA_F

ClientSampled :

RT2286MS

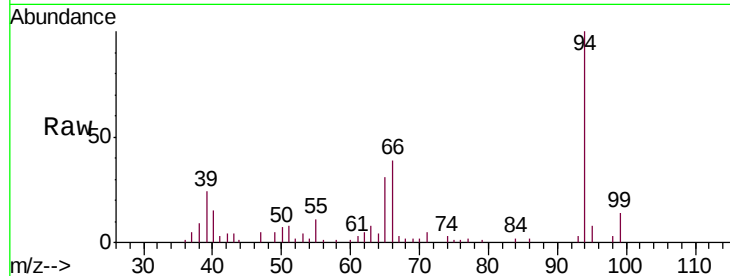
Tgt Ion: 94 Resp: 36630

Ion Ratio Lower Upper

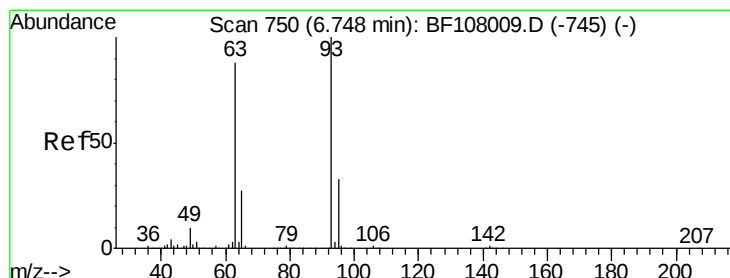
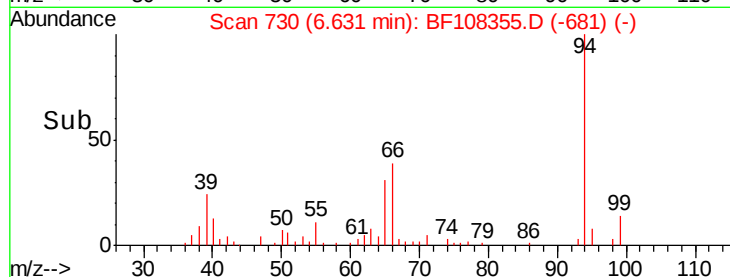
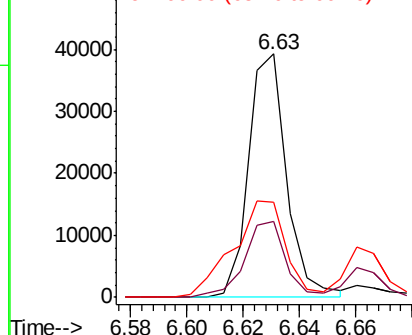
94 100

65 31.1 7.9 47.9

66 39.3 16.2 56.2



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



#11

bis(2-Chloroethyl)ether

Concen: 2.418 ng

RT: 6.72 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

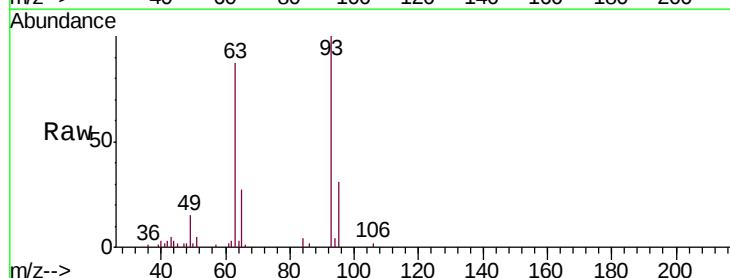
Tgt Ion: 93 Resp: 23963

Ion Ratio Lower Upper

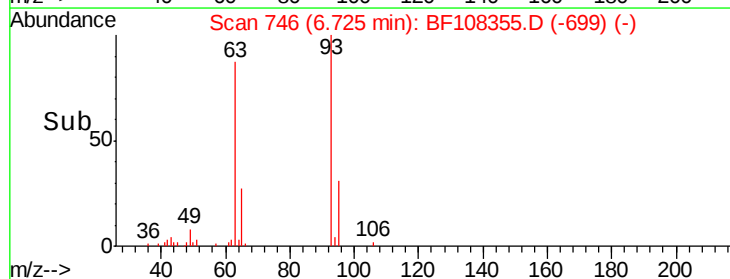
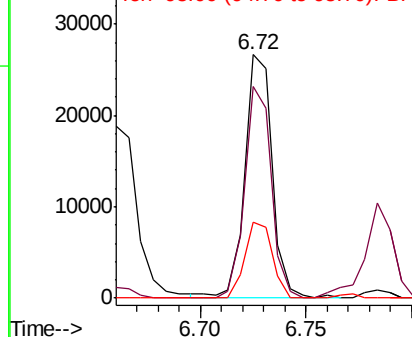
93 100

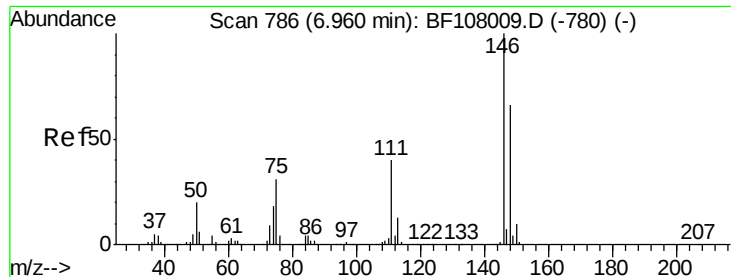
63 87.1 58.6 98.6

95 31.0 11.8 51.8



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





#12

1,3-Dichlorobenzene

Concen: 2.186 ng

RT: 6.94 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RT2286MS

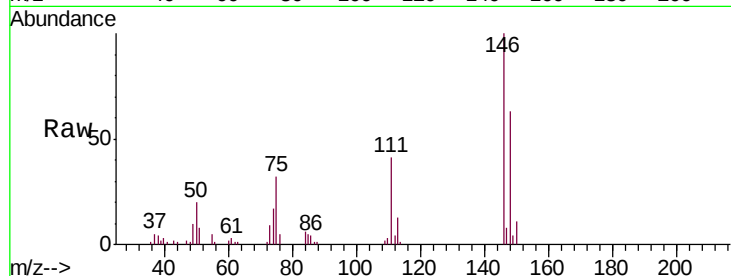
Tgt Ion:146 Resp: 25391

Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.8

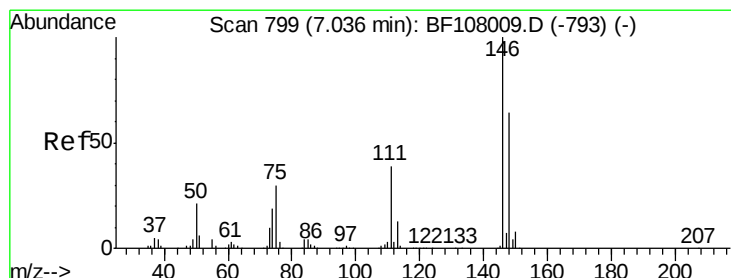
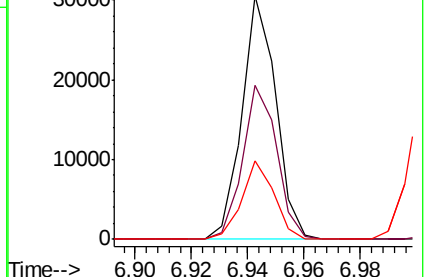
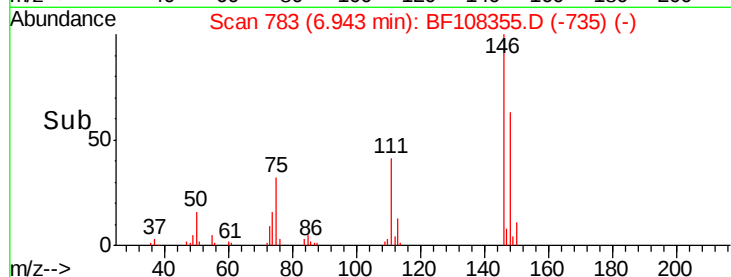
75 32.4 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 2.251 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

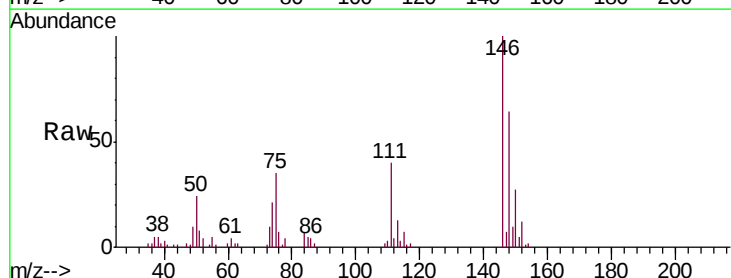
Tgt Ion:146 Resp: 26269

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

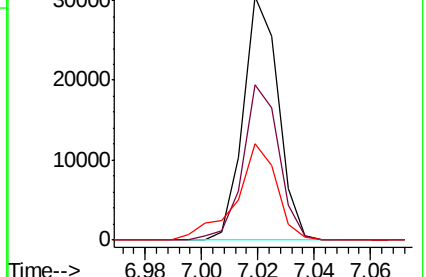
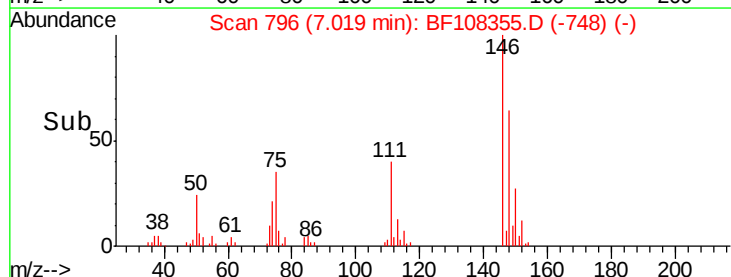
111 39.6 34.2 51.2

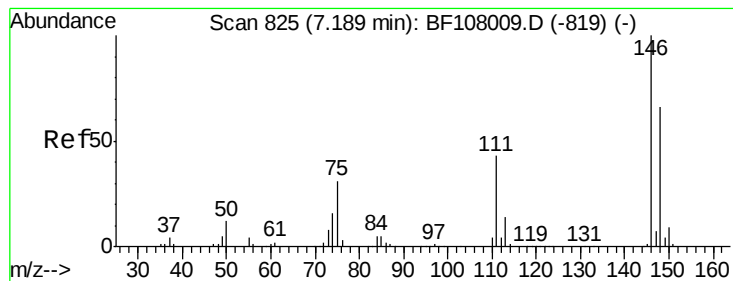


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 2.354 ng

RT: 7.17 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RT2286MS

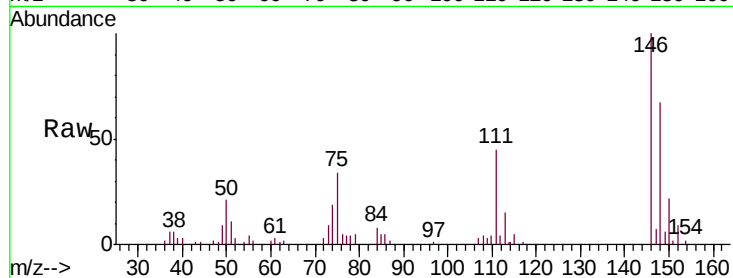
Tgt Ion:146 Resp: 25552

Ion Ratio Lower Upper

146 100

148 67.4 50.6 75.8

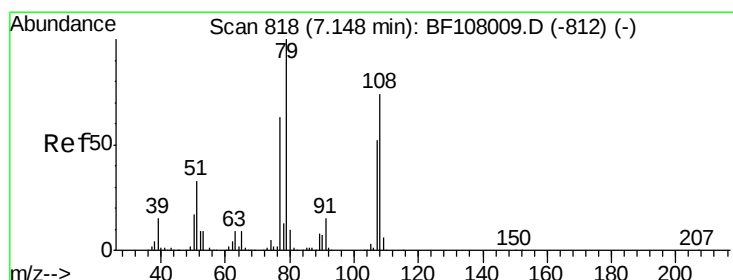
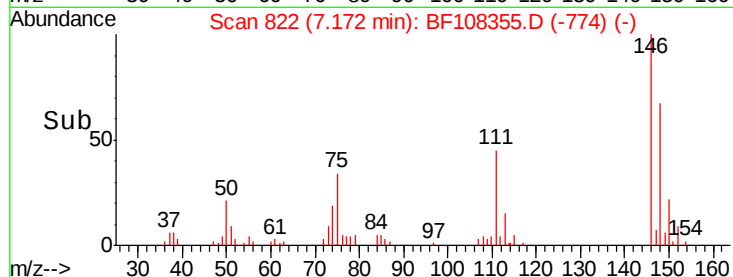
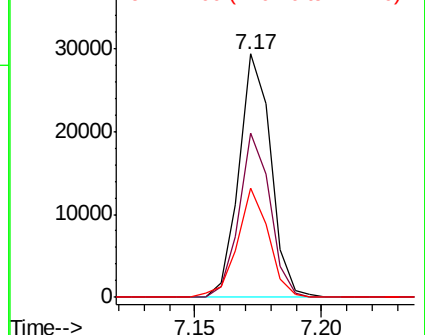
111 45.1 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 2.702 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

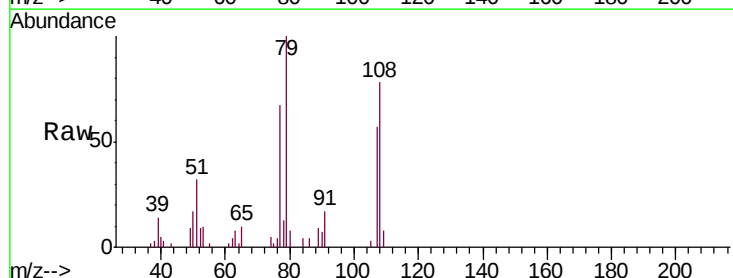
Tgt Ion: 79 Resp: 26955

Ion Ratio Lower Upper

79 100

108 77.9 65.1 97.7

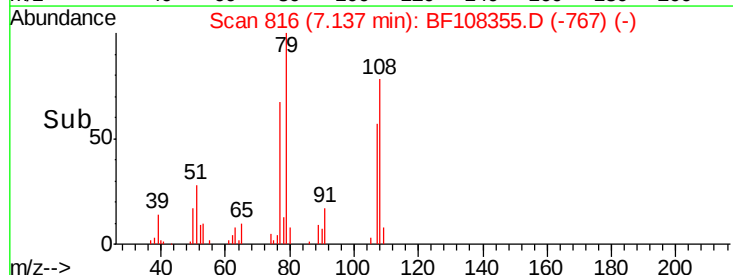
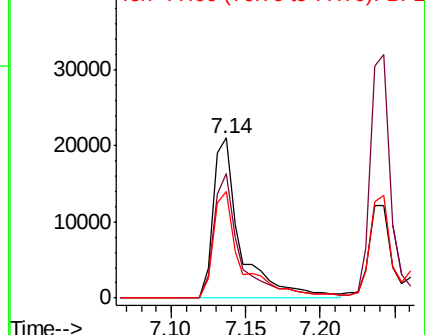
77 66.7 50.6 75.8

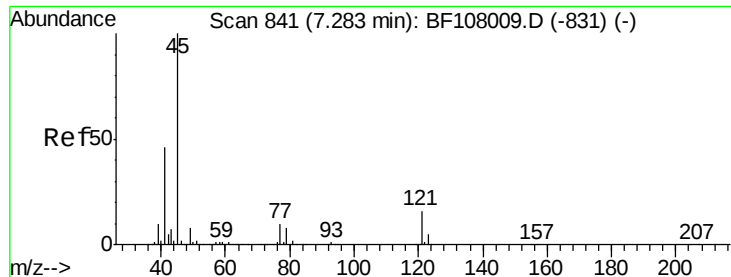


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

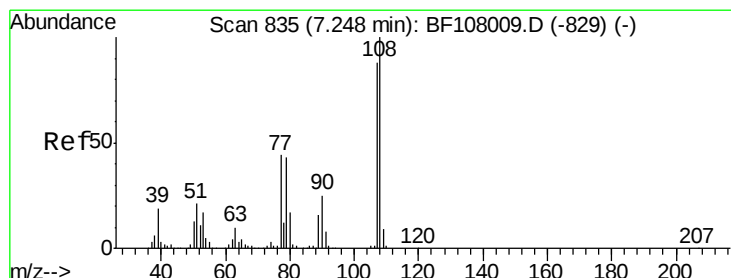
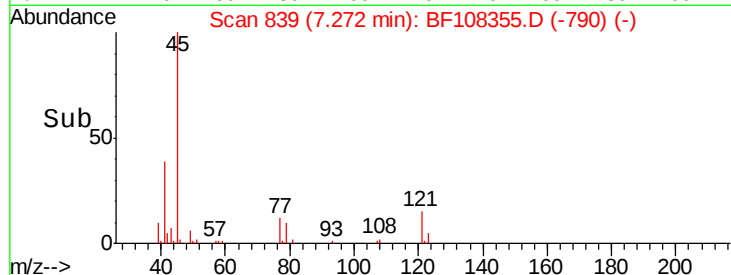
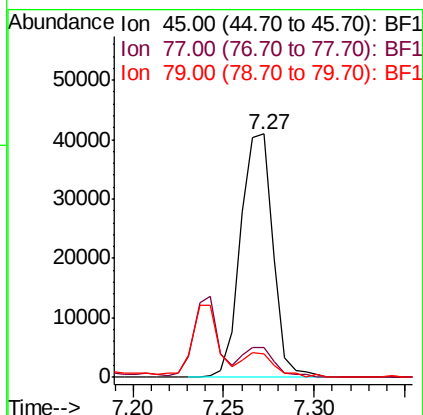
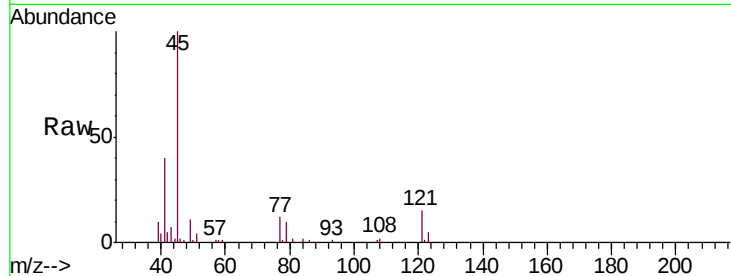




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 2.484 ng
 RT: 7.27 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF108355.D
 Acq: 21 Aug 2018 23:25

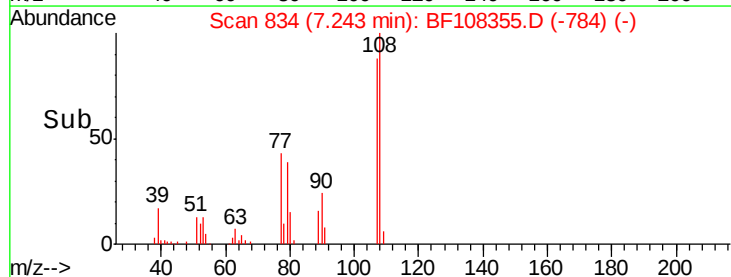
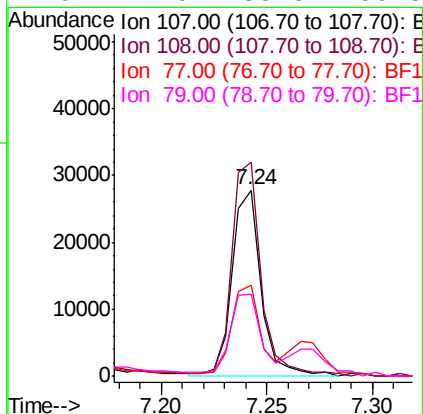
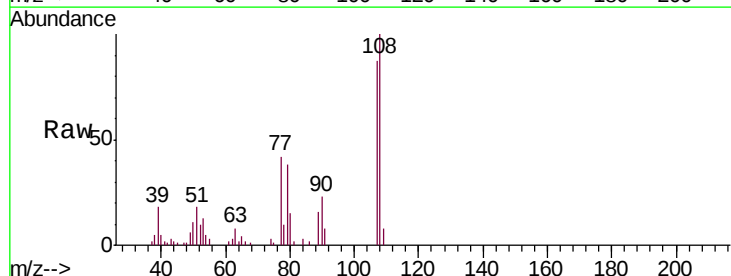
Instrument :
 BNA_F
 ClientSampleId :
 RT2286MS

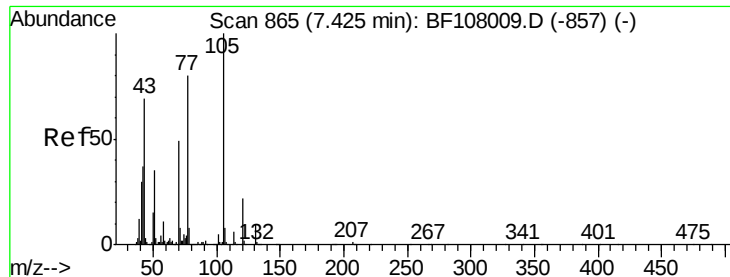
Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	32.9
79	9.7	0.0	29.6



#17
 2-Methylphenol
 Concen: 3.052 ng
 RT: 7.24 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF108355.D
 Acq: 21 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.0	91.7	137.5
77	48.9	33.8	50.8
79	44.0	33.8	50.8





#19

n-Nitroso-di-n-propylamine

Concen: 3.243 ng

RT: 7.40 min Scan# 860

Delta R.T. -0.03 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RT2286MS

Tgt Ion: 70 Resp: 25991

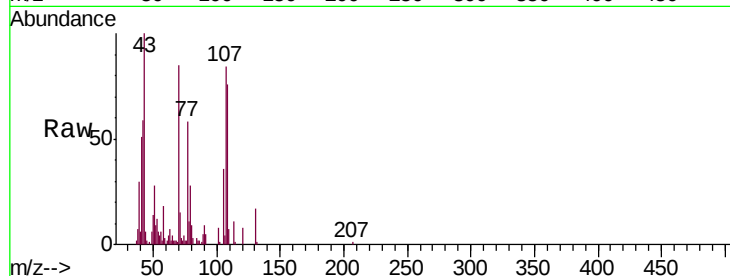
Ion Ratio Lower Upper

70 100

42 69.6 47.5 71.3

101 9.1 7.4 11.2

130 20.4 16.6 25.0

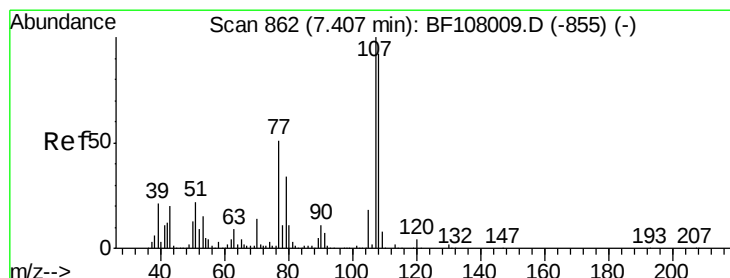
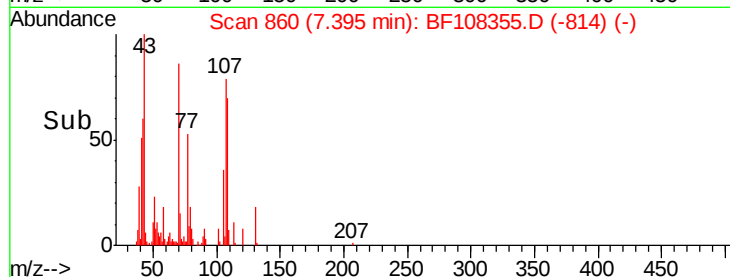
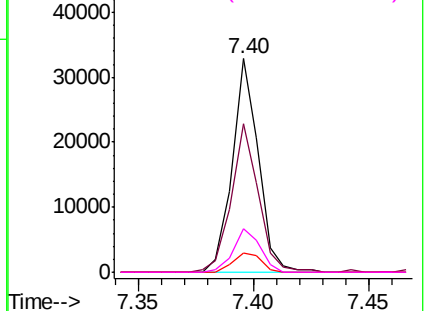


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 3.417 ng

RT: 7.40 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Tgt Ion: 107 Resp: 37712

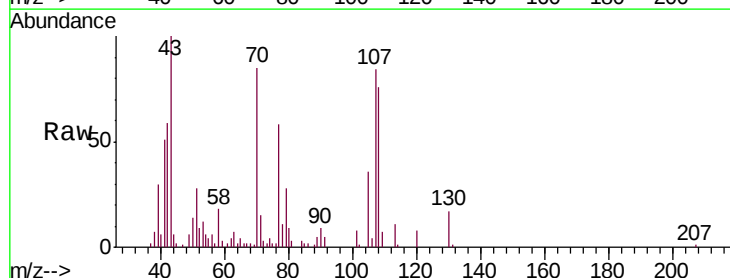
Ion Ratio Lower Upper

107 100

108 90.7 68.2 108.2

77 69.5 26.7 66.7#

79 33.2 6.3 46.3

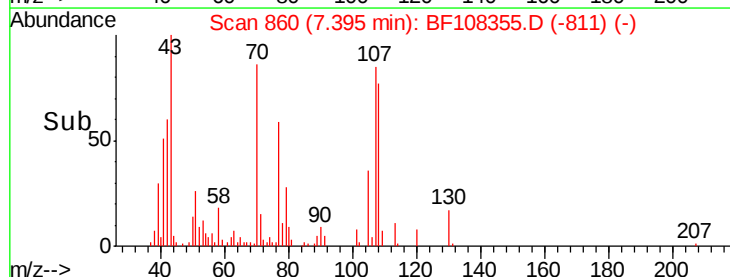
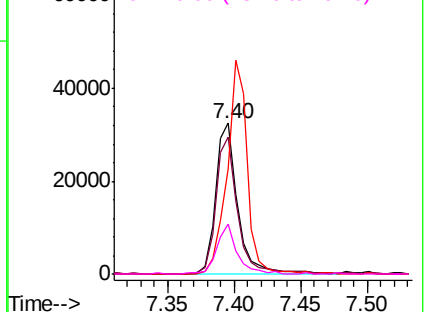


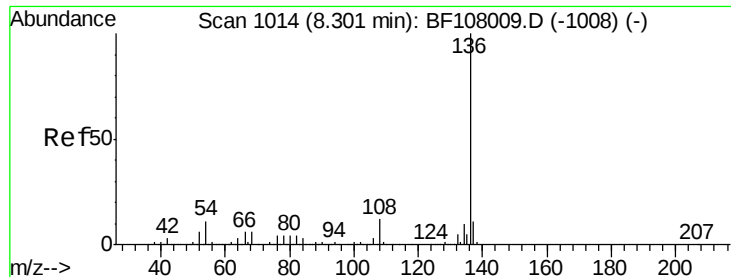
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

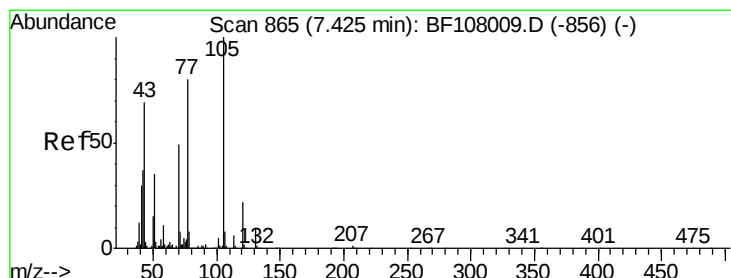
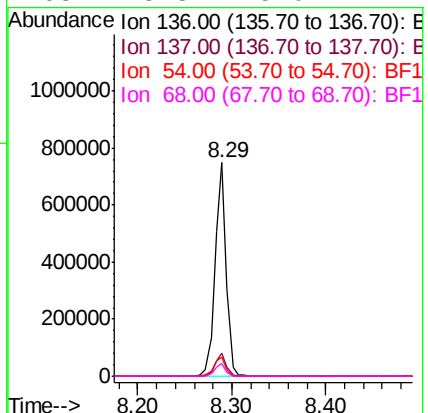
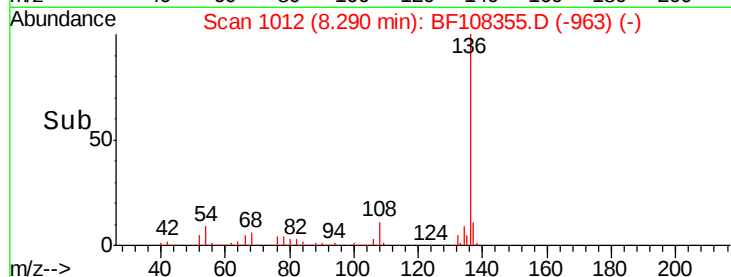
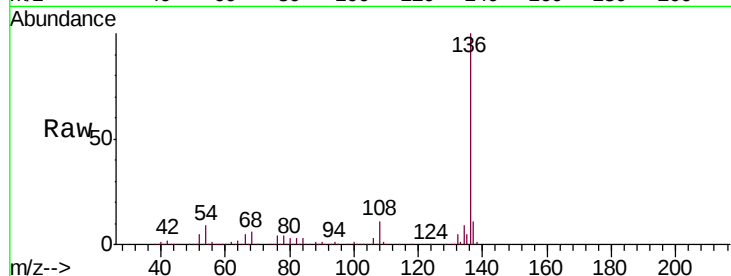




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

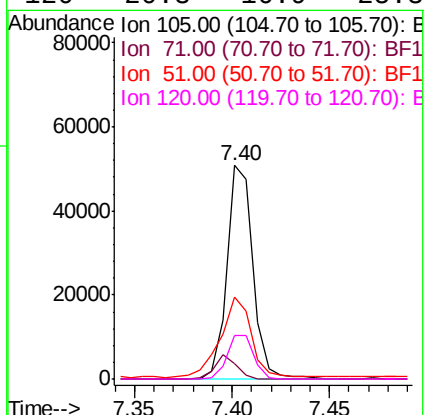
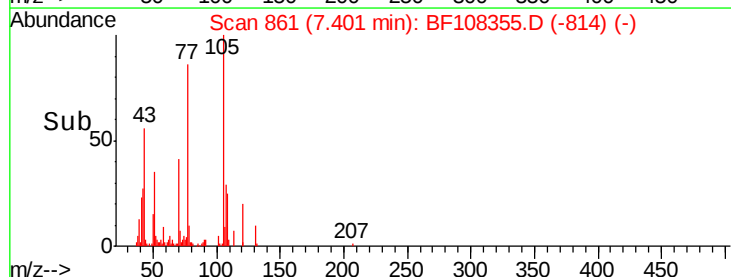
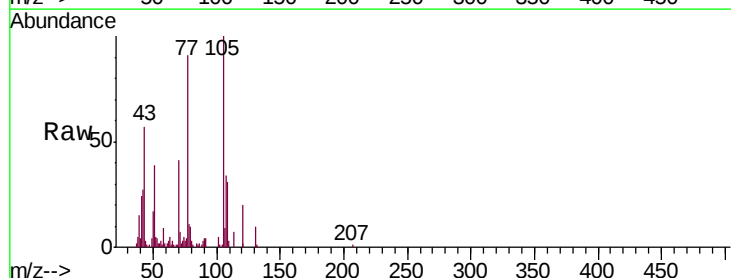
Instrument :
BNA_F
ClientSampleId :
RT2286MS

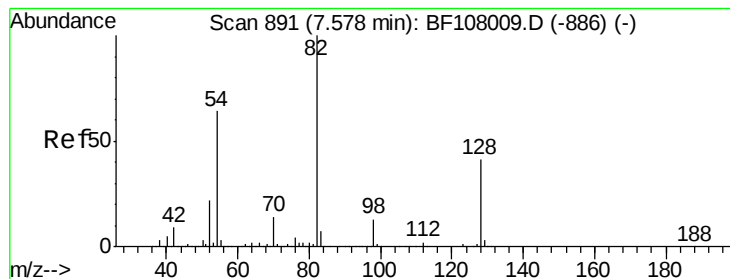
Tgt Ion:	136	Resp:	625634
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.0	6.6	9.8
68	5.8	5.0	7.4



#22
Acetophenone
Concen: 3.191 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:	105	Resp:	46686
Ion	Ratio	Lower	Upper
105	100		
71	6.9	4.4	6.6#
51	38.5	22.3	33.5#
120	20.3	16.9	25.3





#23

Nitrobenzene-d5

Concen: 7.038 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RT2286MS

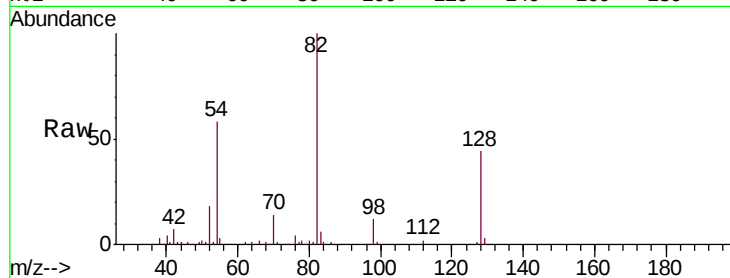
Tgt Ion: 82 Resp: 78904

Ion Ratio Lower Upper

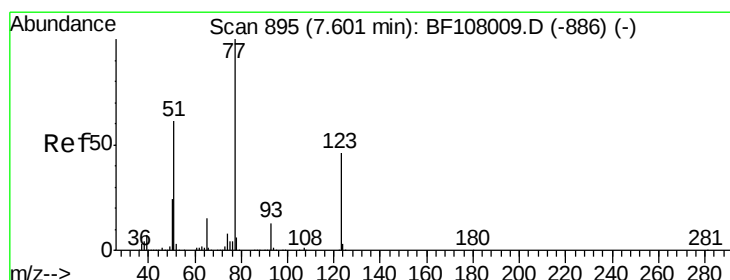
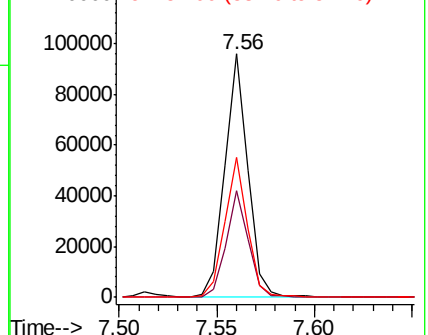
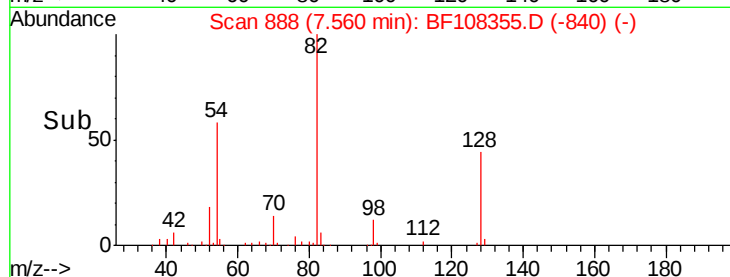
82 100

128 43.8 36.1 54.1

54 57.5 41.4 62.2



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: 2.987 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

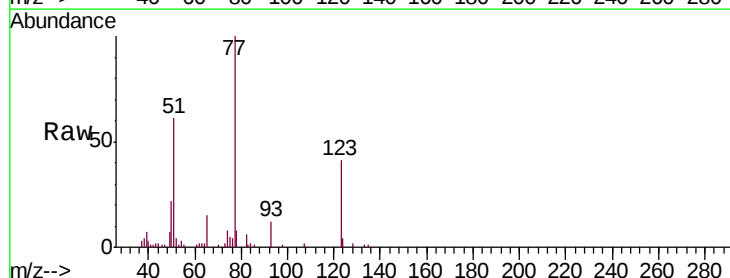
Tgt Ion: 77 Resp: 33863

Ion Ratio Lower Upper

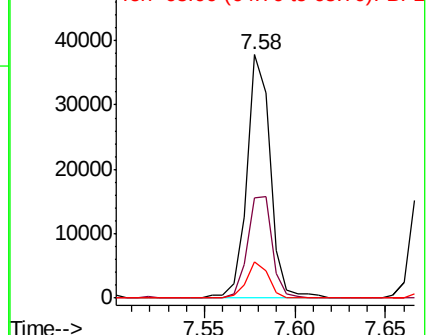
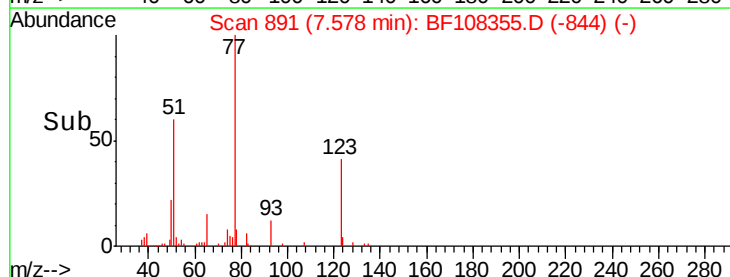
77 100

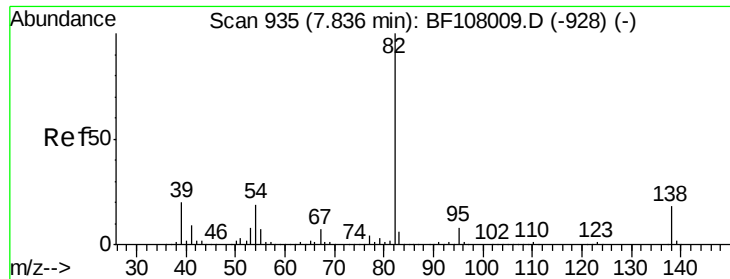
123 41.2 37.9 56.9

65 14.7 11.0 16.4



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: 3.488 ng

RT: 7.81 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RT2286MS

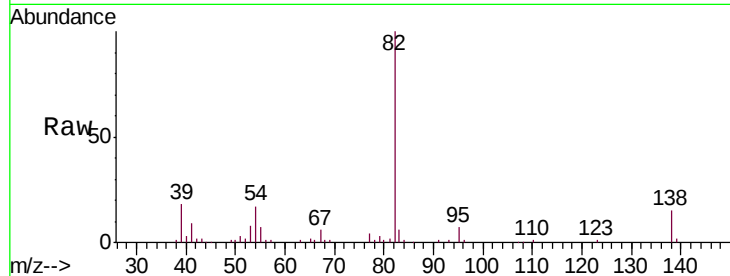
Tgt Ion: 82 Resp: 74543

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

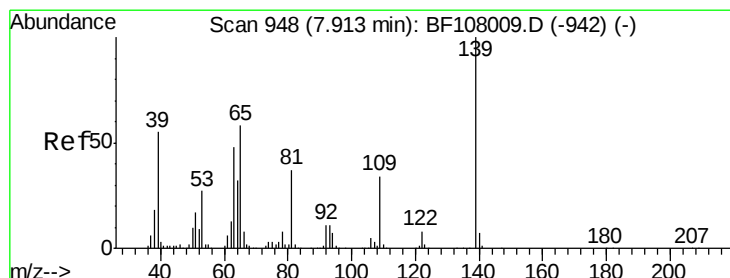
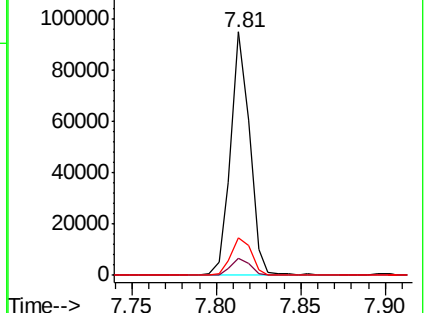
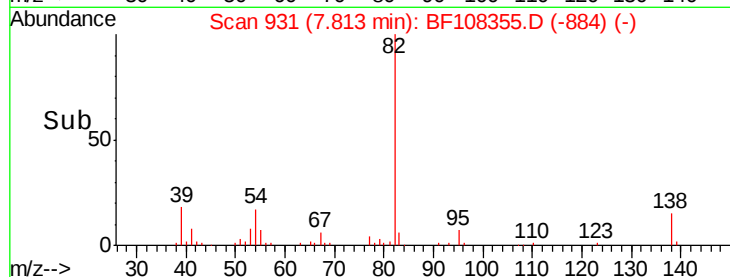
138 15.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 2.931 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

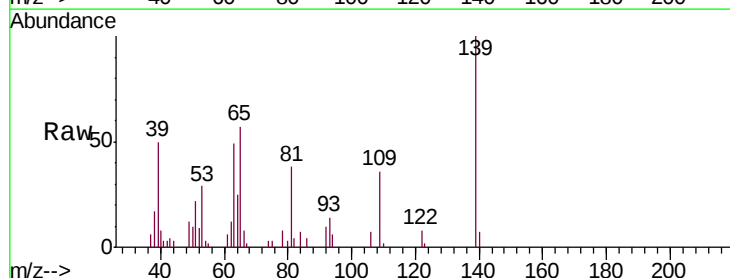
Tgt Ion: 139 Resp: 12551

Ion Ratio Lower Upper

139 100

109 36.4 22.7 34.1#

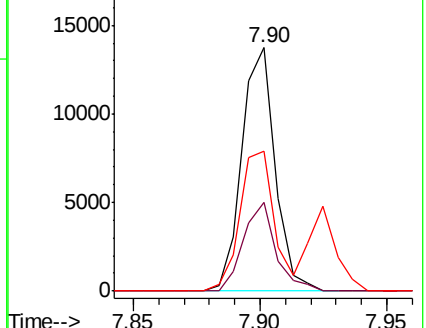
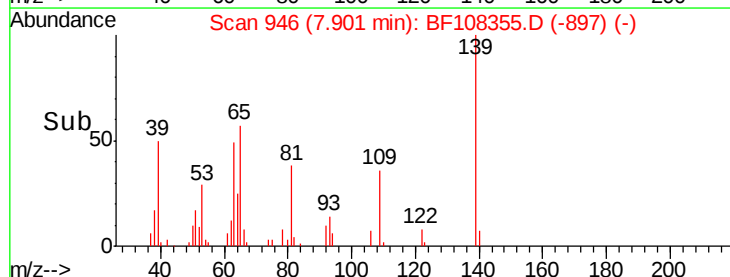
65 57.3 40.5 60.7

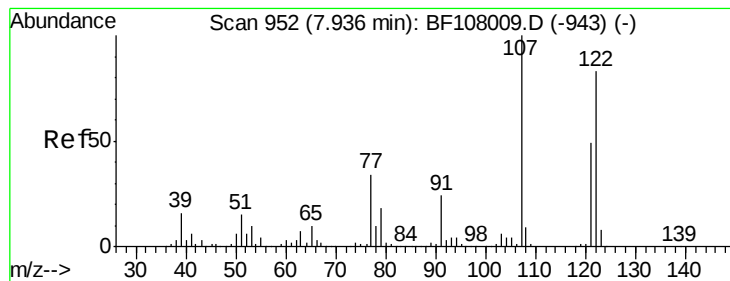


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 3.522 ng

RT: 7.92 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RT2286MS

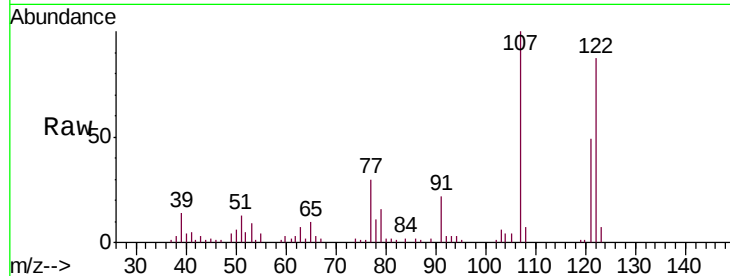
Tgt Ion:122 Resp: 33409

Ion Ratio Lower Upper

122 100

107 115.3 91.2 136.8

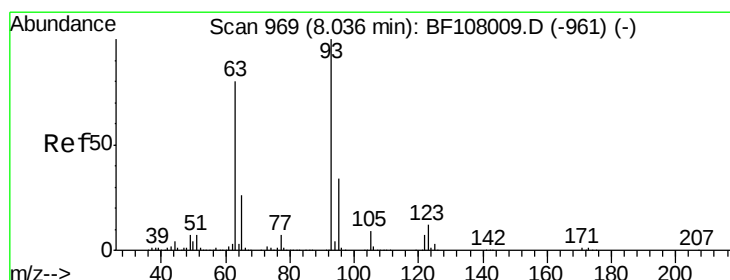
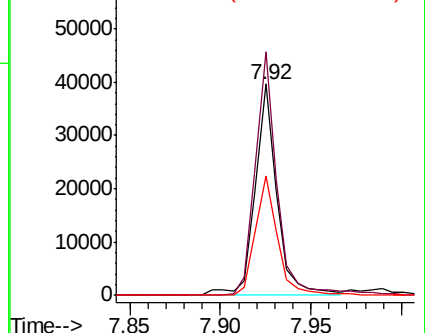
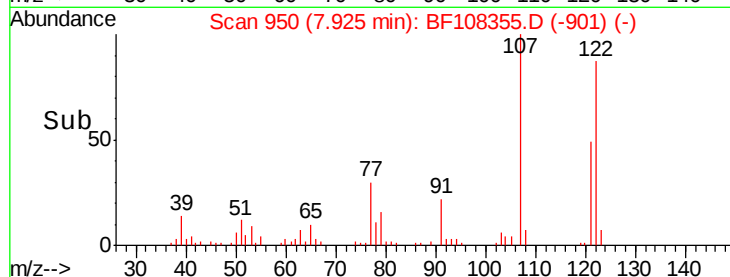
121 56.4 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 3.512 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

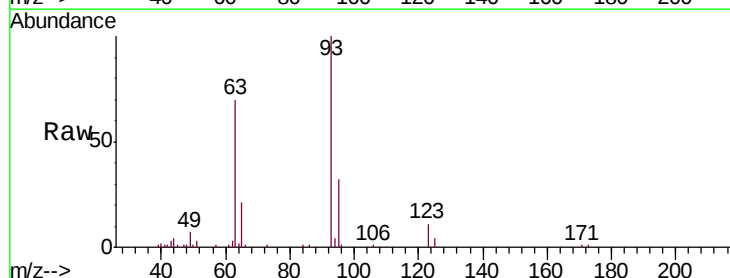
Tgt Ion: 93 Resp: 43816

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

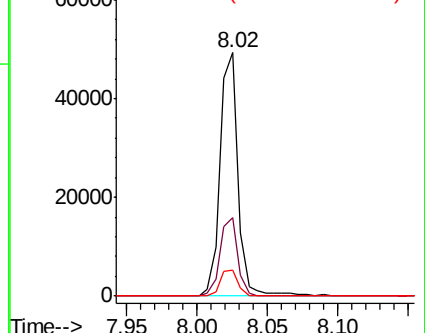
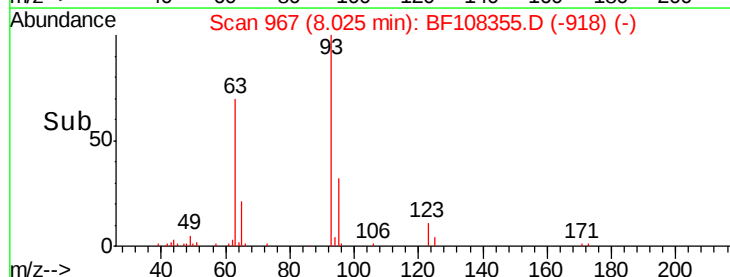
123 10.8 9.8 14.6

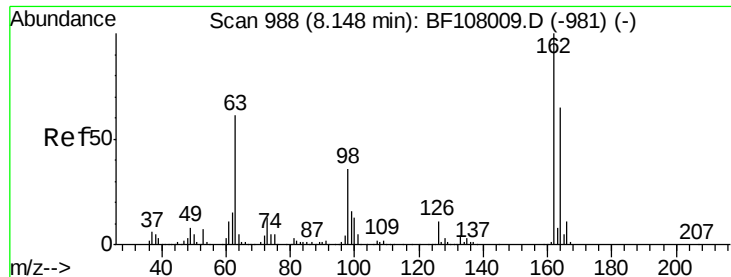


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

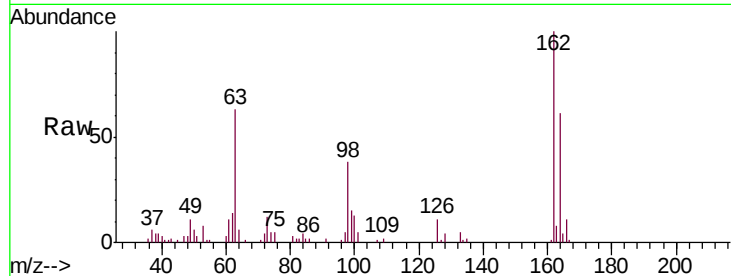




#29
 2,4-Dichlorophenol
 Concen: 3.534 ng
 RT: 8.14 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF108355.D
 Acq: 21 Aug 2018 23:25

Instrument :
 BNA_F
 ClientSampleId :
 RT2286MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.2	42.7	82.7
98	38.3	18.1	58.1

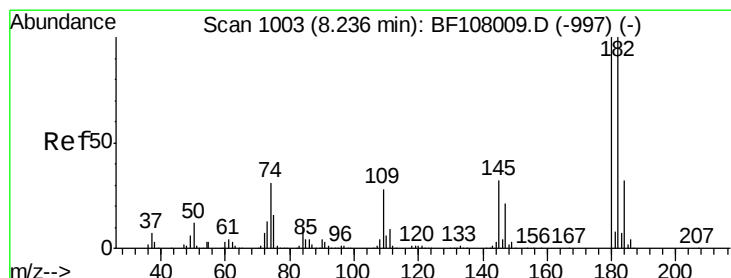
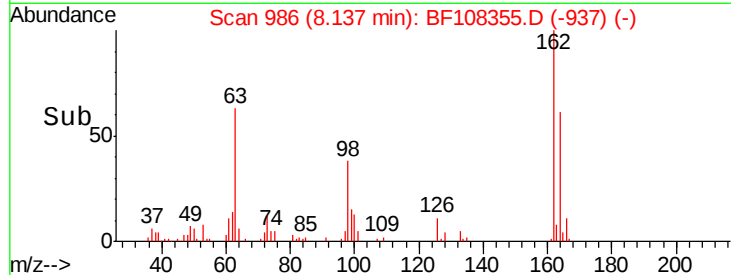
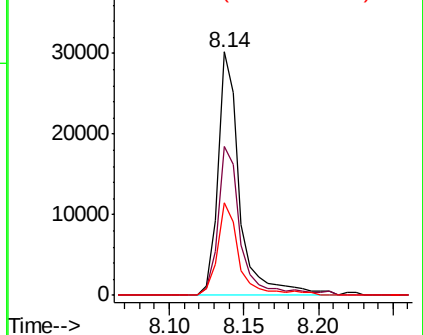


Abundance

Ion 162.00 (161.70 to 162.70): E

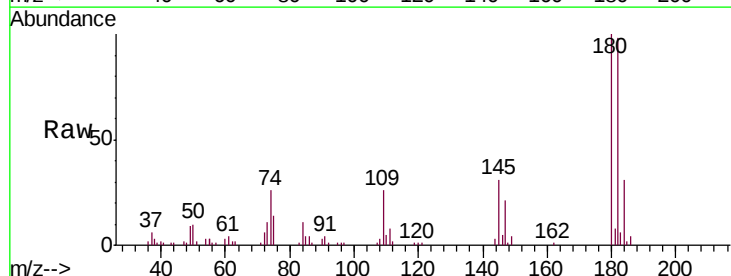
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 3.169 ng
 RT: 8.22 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BF108355.D
 Acq: 21 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	76.8	115.2
145	31.1	26.5	39.7

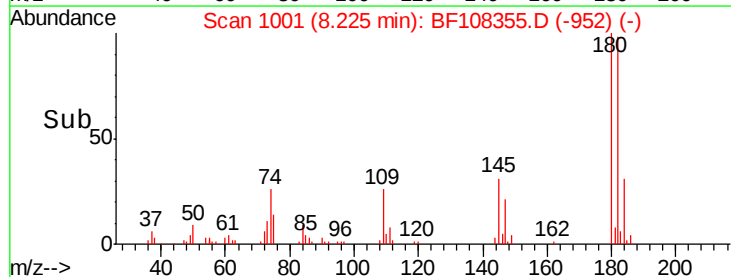
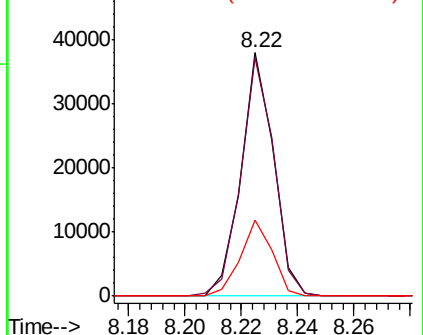


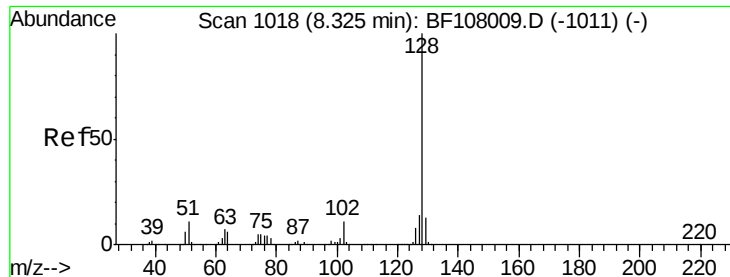
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

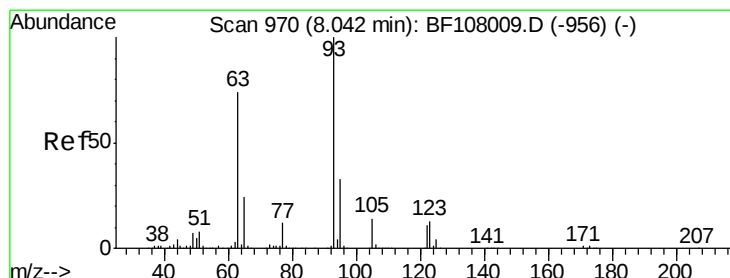
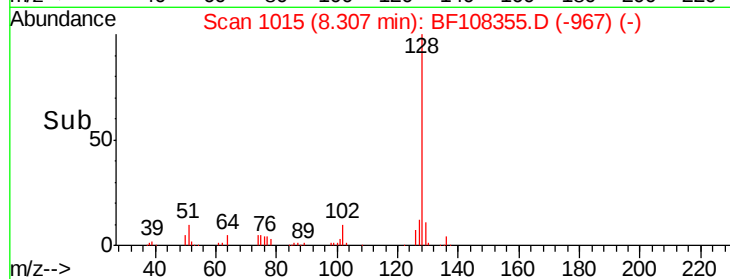
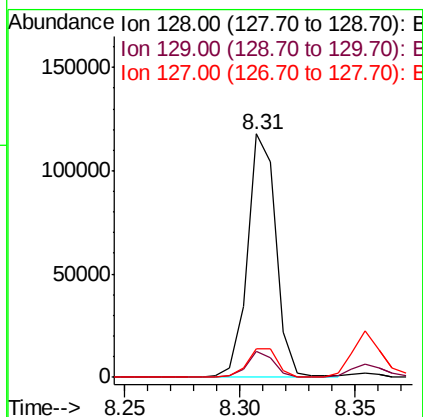
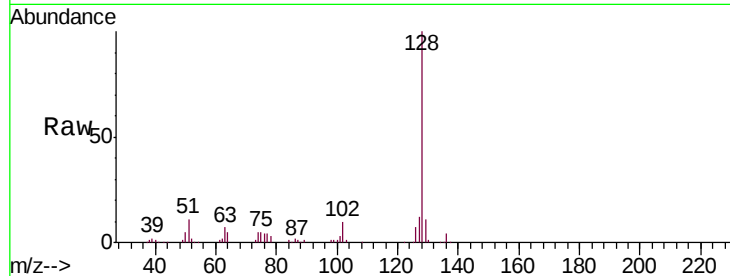




#31
Naphthalene
Concen: 3.568 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

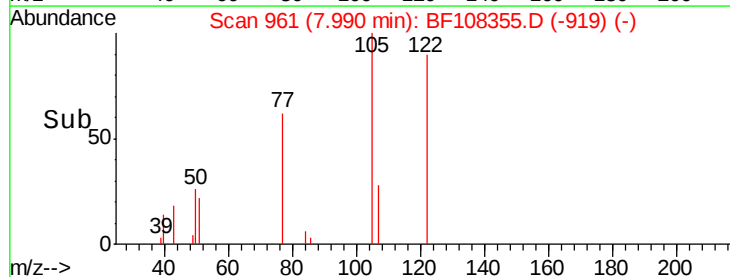
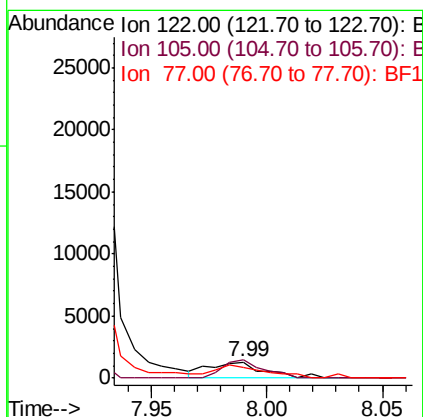
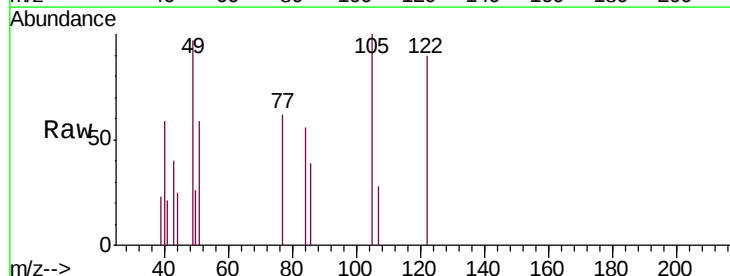
Instrument :
BNA_F
ClientSampleId :
RT2286MS

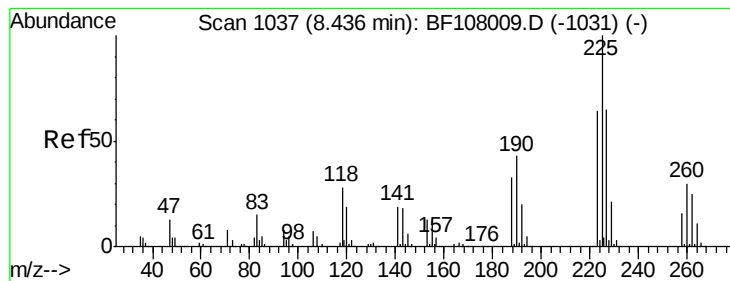
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	11.6	10.9	16.3



#32
Benzoic acid
Concen: 6.321 ng
RT: 7.99 min Scan# 961
Delta R.T. -0.05 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	110.6	101.1	141.1
77	68.5	70.7	110.7#





#34

Hexachlorobutadiene

Concen: 3.112 ng

RT: 8.42 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RT2286MS

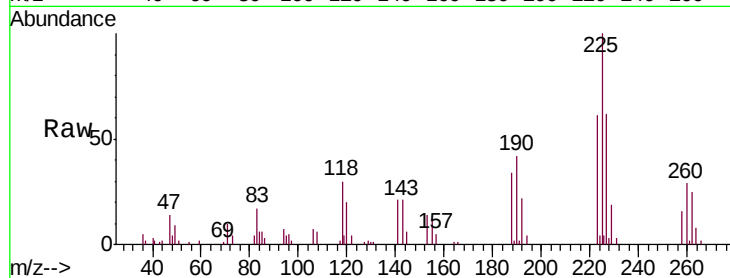
Tgt Ion: 225 Resp: 18958

Ion Ratio Lower Upper

225 100

223 60.9 50.6 76.0

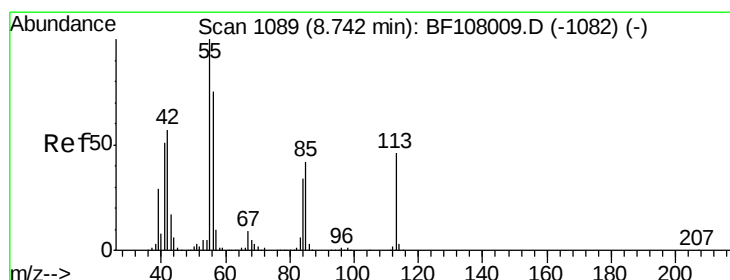
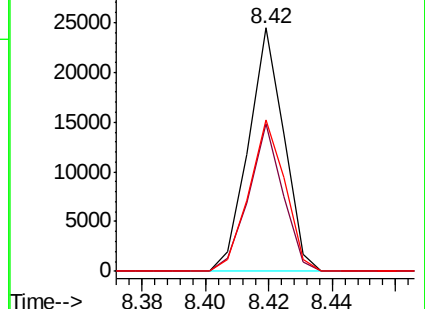
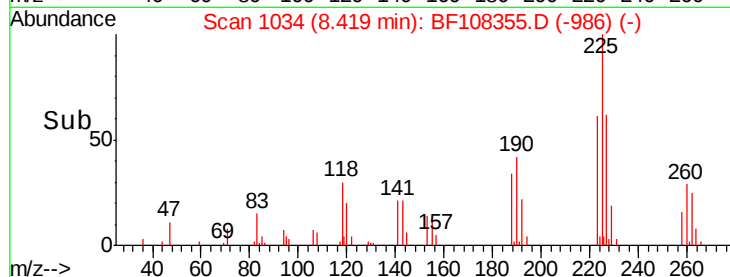
227 62.5 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 3.490 ng

RT: 8.68 min Scan# 1079

Delta R.T. -0.06 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

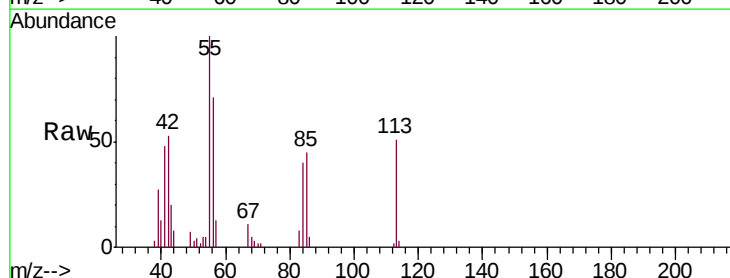
Tgt Ion: 113 Resp: 9546

Ion Ratio Lower Upper

113 100

55 194.2 163.3 203.3

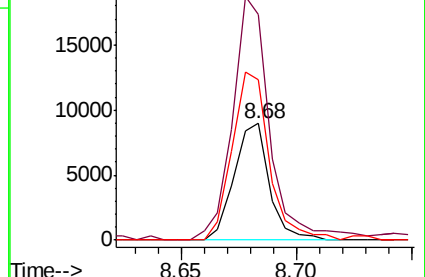
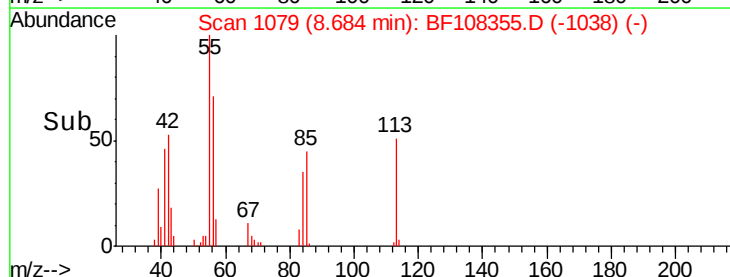
56 138.0 115.7 155.7

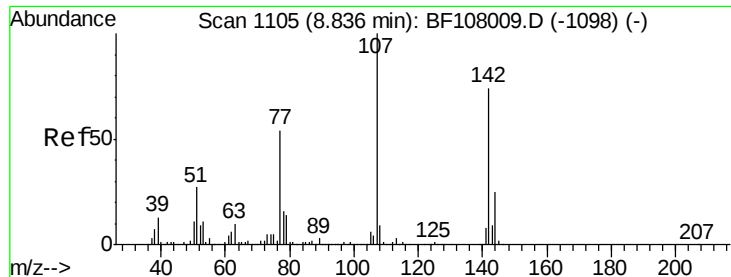


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

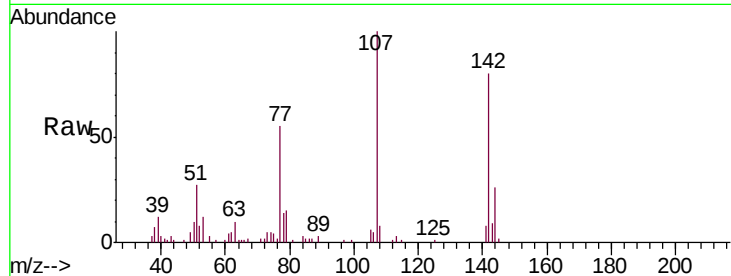




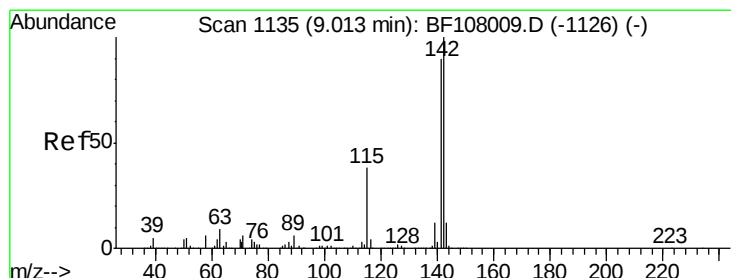
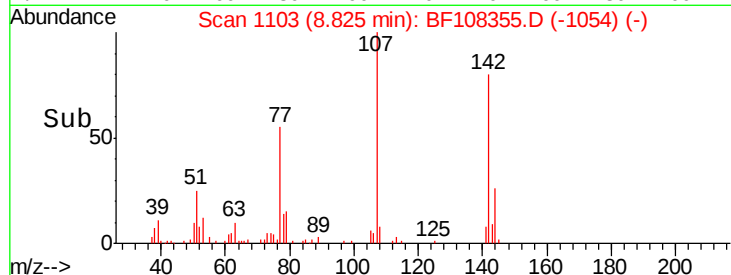
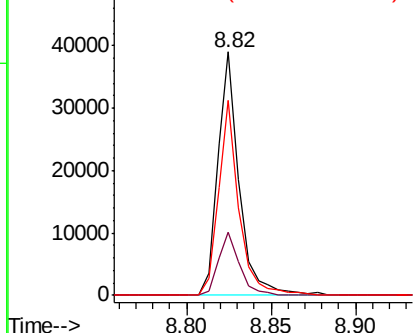
#36
 4-Chloro-3-methylphenol
 Concen: 3.662 ng
 RT: 8.82 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF108355.D
 Acq: 21 Aug 2018 23:25

Instrument :
 BNA_F
 ClientSampleId :
 RT2286MS

Tgt Ion:107 Resp: 34484
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 80.3 62.0 93.0

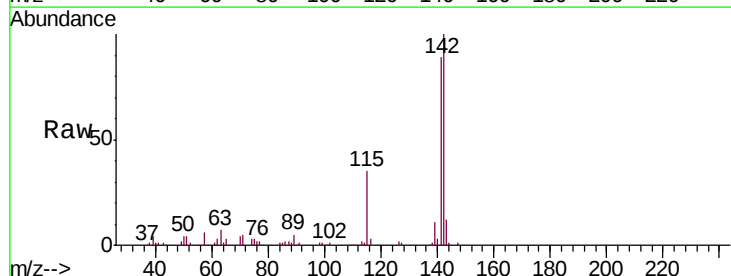


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

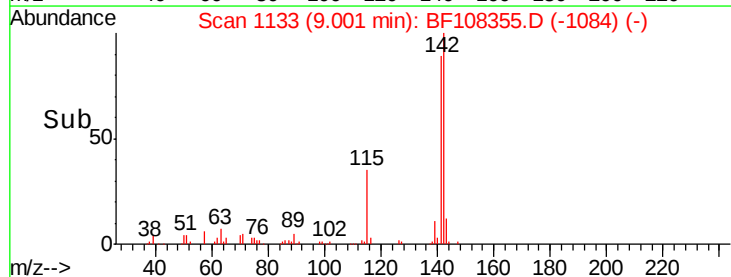
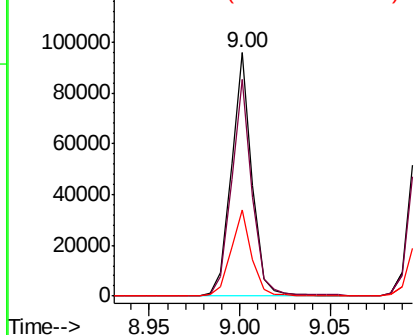


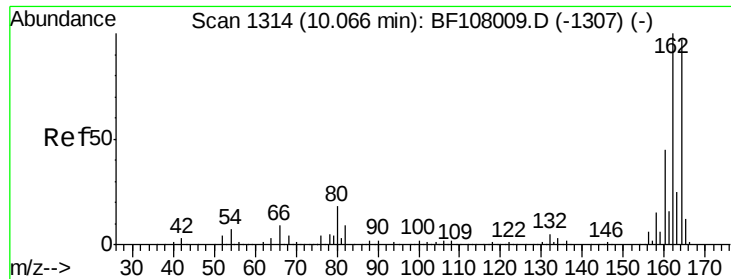
#37
 2-Methylnaphthalene
 Concen: 3.742 ng
 RT: 9.00 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF108355.D
 Acq: 21 Aug 2018 23:25

Tgt Ion:142 Resp: 75326
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.8 106.2
 115 35.3 26.1 39.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RT2286MS

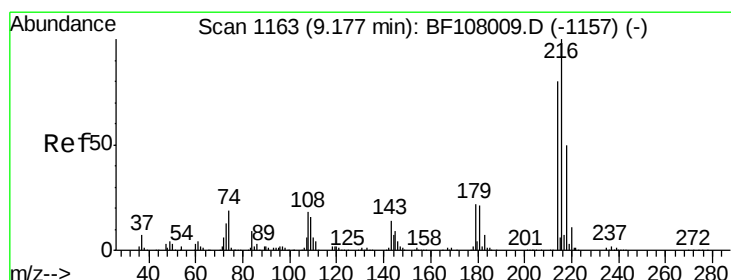
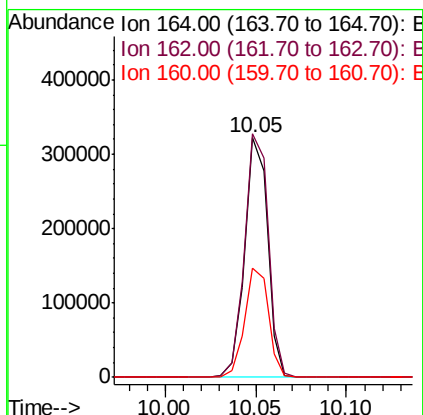
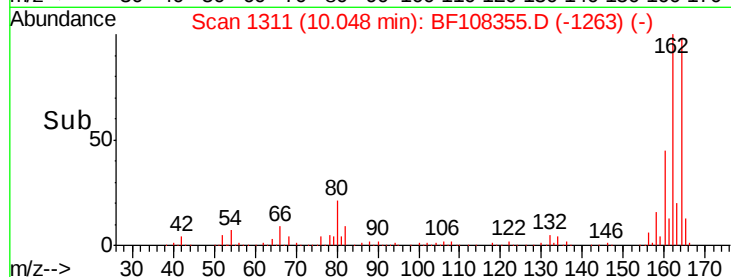
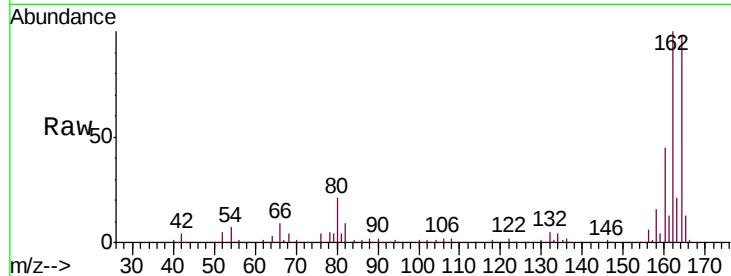
Tgt Ion:164 Resp: 283492

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

160 45.8 38.3 57.5



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.349 ng

RT: 9.17 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Tgt Ion:216 Resp: 37864

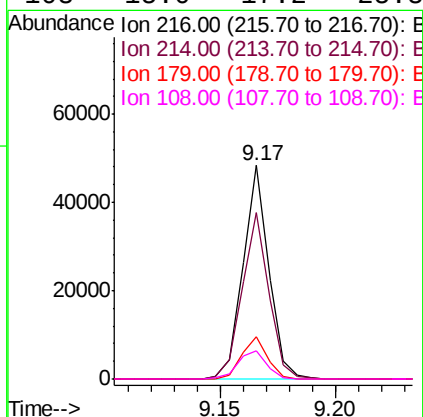
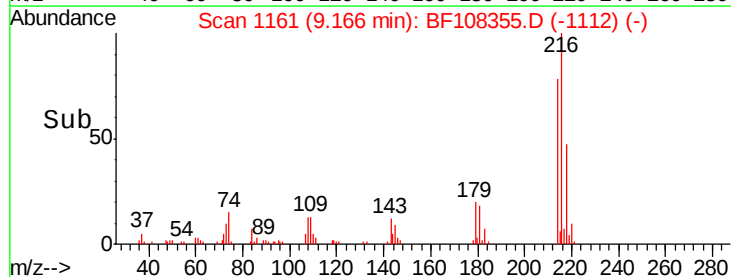
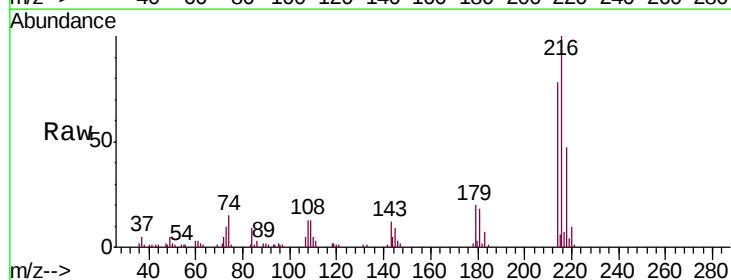
Ion Ratio Lower Upper

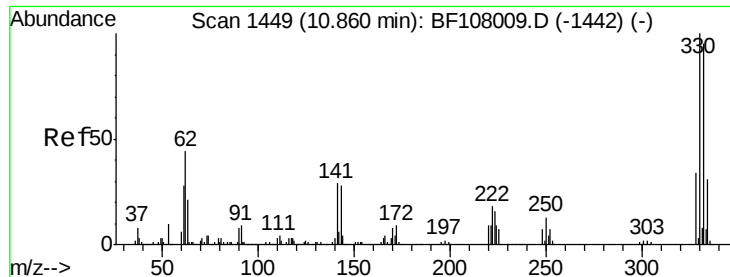
216 100

214 80.4 63.0 94.4

179 19.8 18.1 27.1

108 15.0 17.2 25.8#

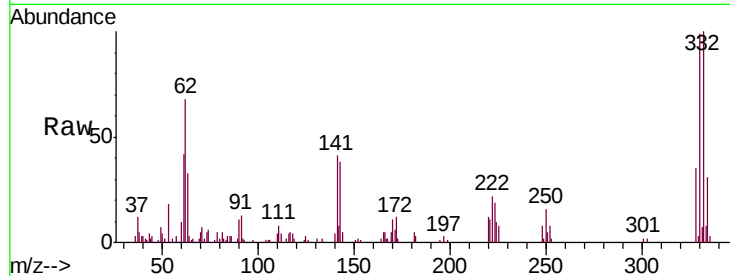




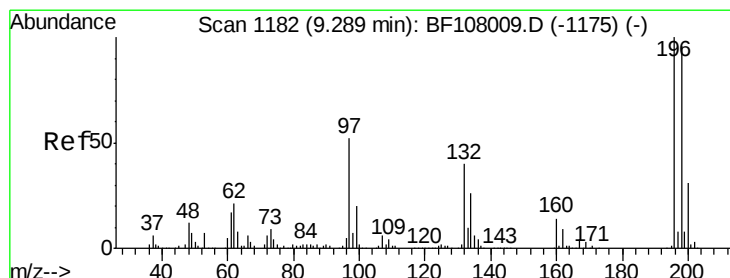
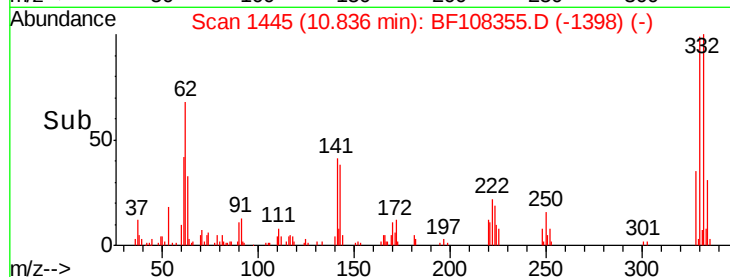
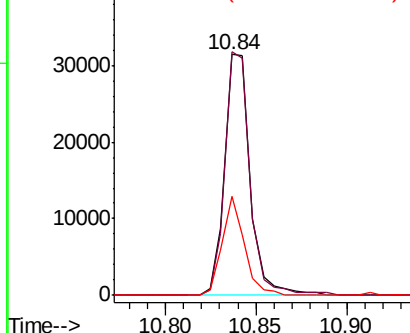
#41
 2,4,6-Tribromophenol
 Concen: 10.992 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF108355.D
 Acq: 21 Aug 2018 23:25

Instrument :
 BNA_F
 ClientSampleId :
 RT2286MS

Tgt Ion:330 Resp: 31082
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.0 115.6
 141 35.2 29.9 44.9

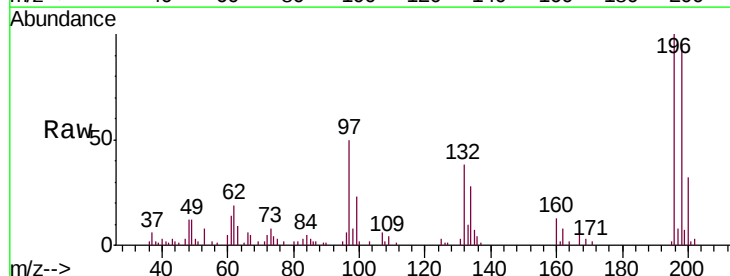


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

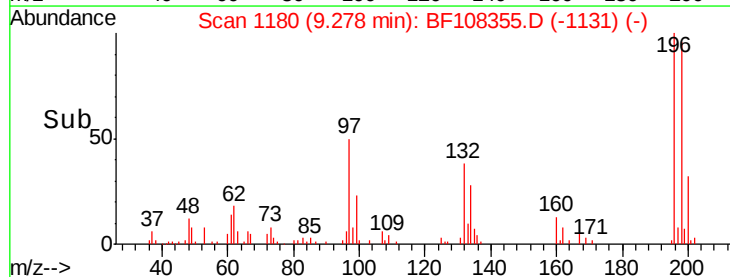
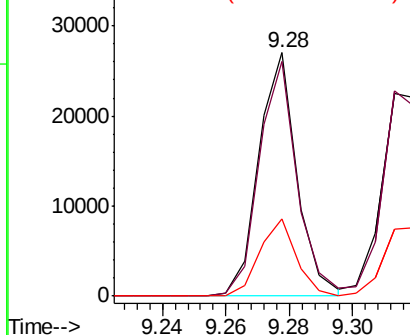


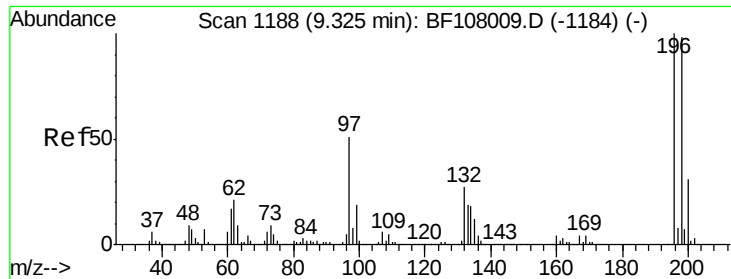
#42
 2,4,6-Trichlorophenol
 Concen: 4.180 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF108355.D
 Acq: 21 Aug 2018 23:25

Tgt Ion:196 Resp: 22583
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 31.8 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

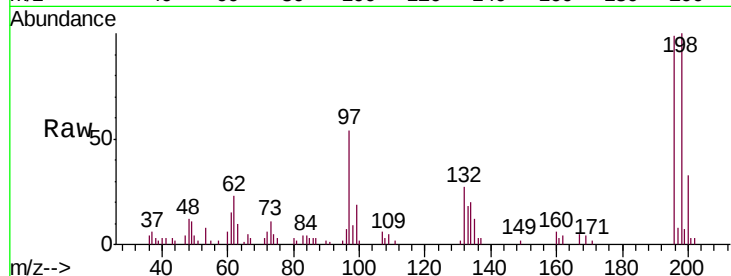




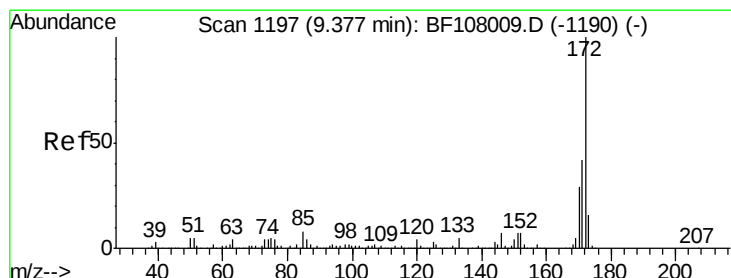
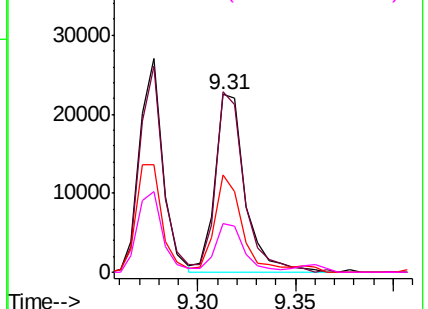
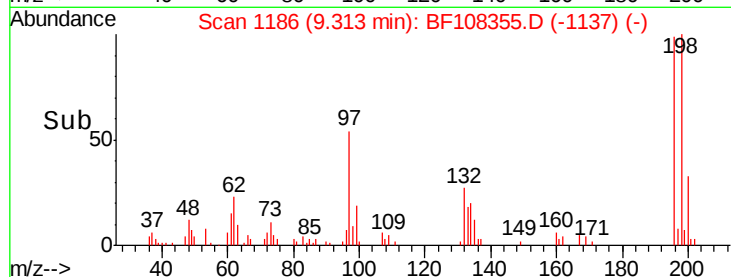
#43
 2,4,5-Trichlorophenol
 Concen: 4.074 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF108355.D
 Acq: 21 Aug 2018 23:25

Instrument :
 BNA_F
 ClientSampleId :
 RT2286MS

Tgt Ion:	196	Resp:	24230
Ion	Ratio	Lower	Upper
196	100		
198	101.3	74.6	112.0
97	54.6	42.9	64.3
132	27.2	26.3	39.5

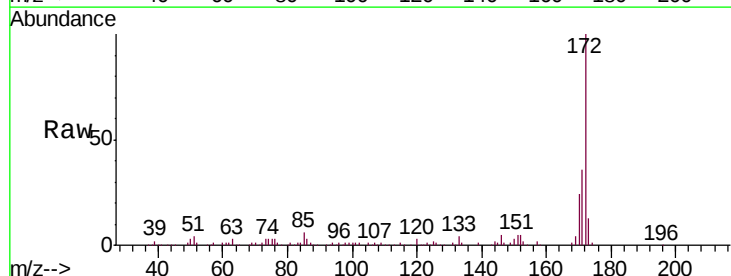


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

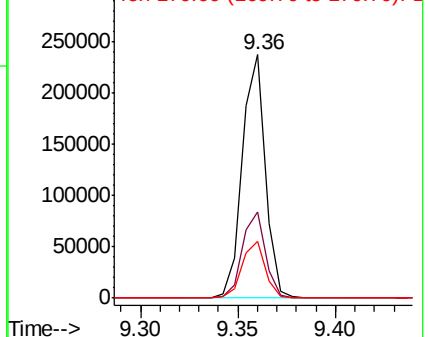
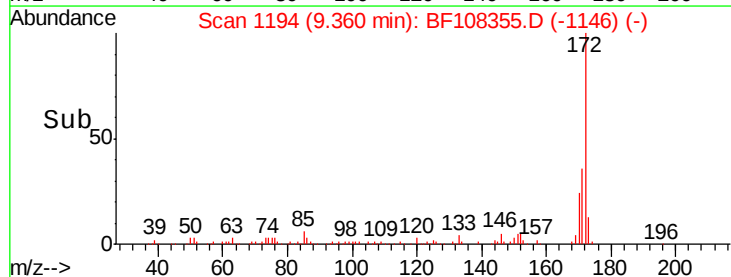


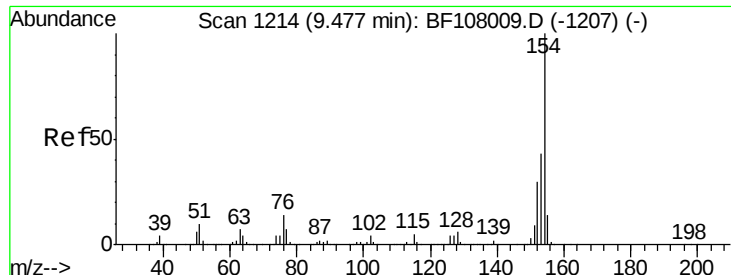
#44
 2-Fluorobiphenyl
 Concen: 11.002 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF108355.D
 Acq: 21 Aug 2018 23:25

Tgt Ion:	172	Resp:	194275
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.5	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

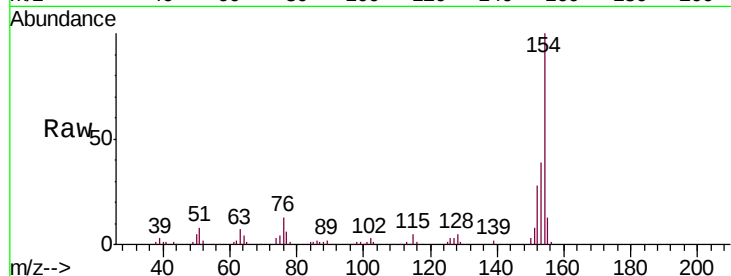




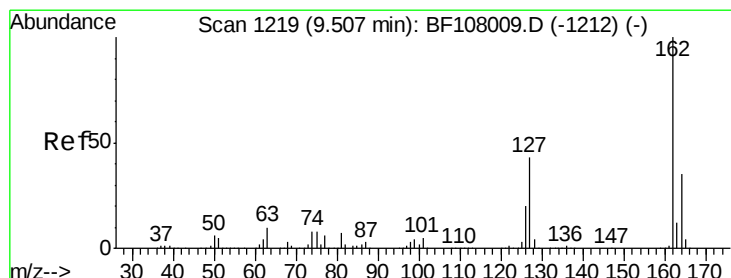
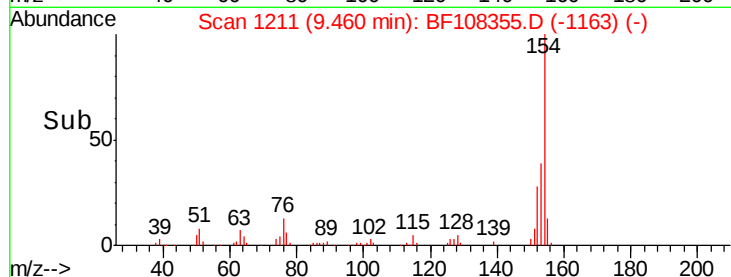
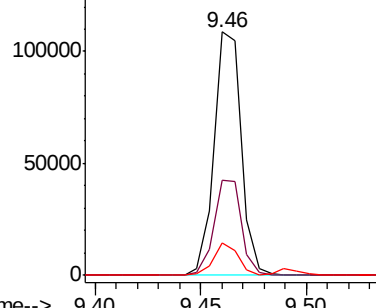
#45
 1,1'-Biphenyl
 Concen: 4.638 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF108355.D
 Acq: 21 Aug 2018 23:25

Instrument :
 BNA_F
 ClientSampleId :
 RT2286MS

Tgt Ion:	154	Resp:	96935
Ion	Ratio	Lower	Upper
154	100		
153	39.3	21.3	61.3
76	13.2	0.0	34.0

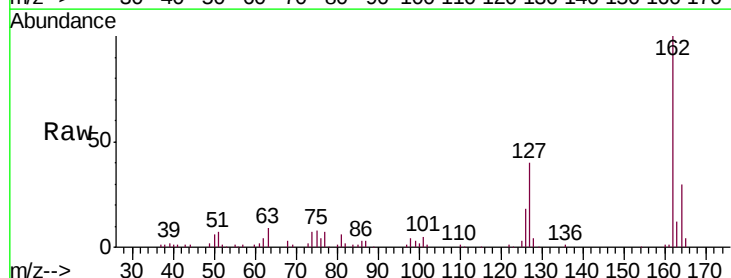


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

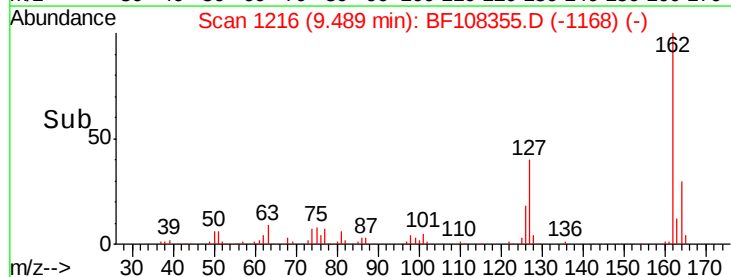
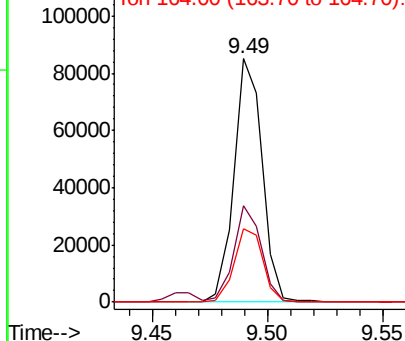


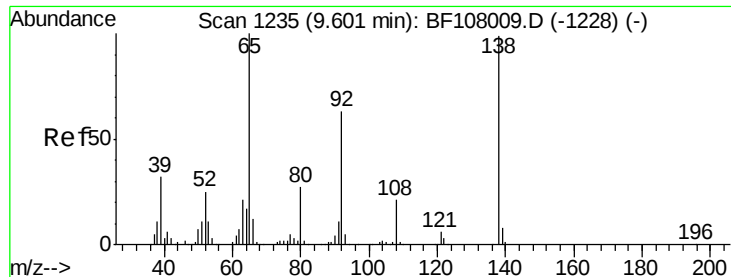
#46
 2-Chloronaphthalene
 Concen: 4.391 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.02 min
 Lab File: BF108355.D
 Acq: 21 Aug 2018 23:25

Tgt Ion:	162	Resp:	72540
Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.9	50.9
164	30.3	26.5	39.7



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

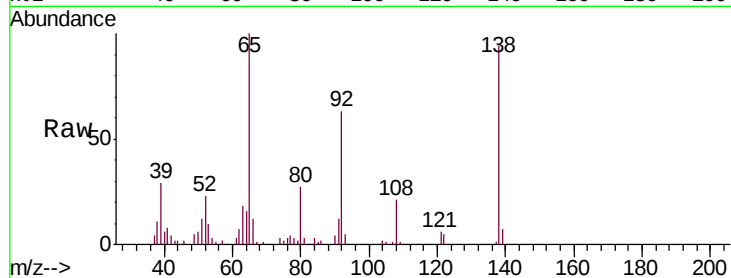




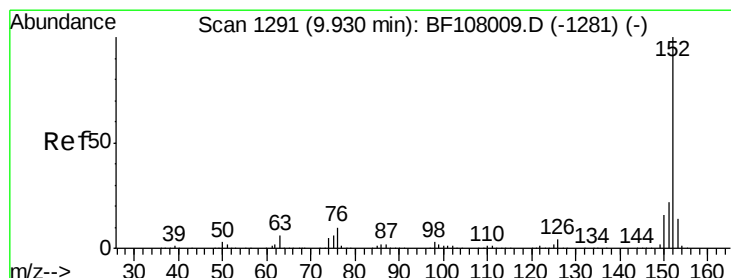
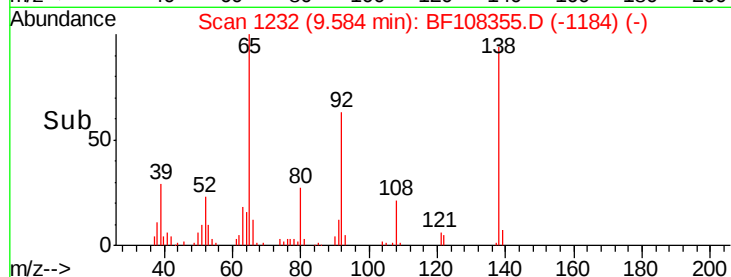
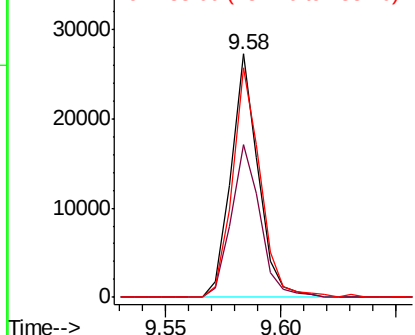
#47
2-Nitroaniline
Concen: 4.184 ng
RT: 9.58 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 65 Resp: 22367
Ion Ratio Lower Upper
65 100
92 62.7 55.8 83.6
138 94.0 91.2 136.8

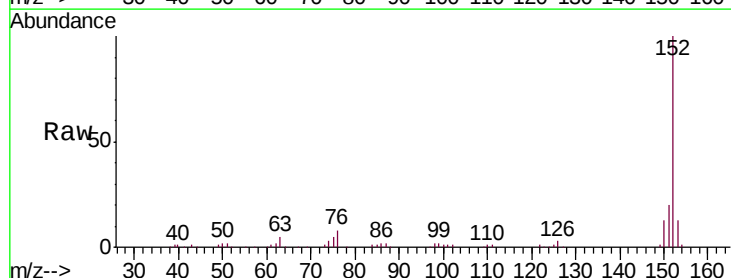


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

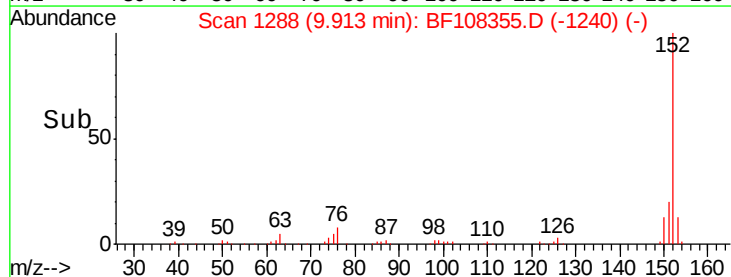
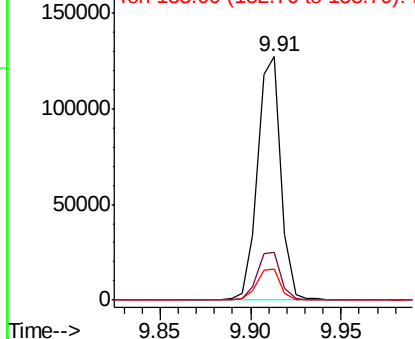


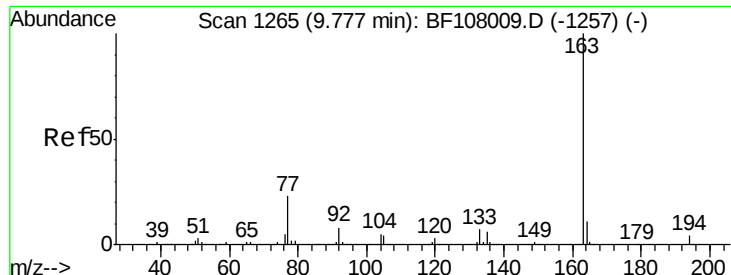
#48
Acenaphthylene
Concen: 4.361 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion: 152 Resp: 113889
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 12.7 10.7 16.1



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

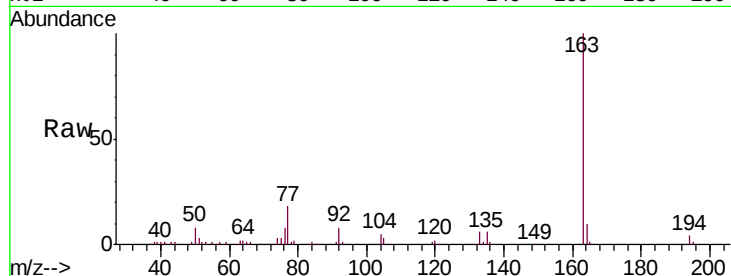




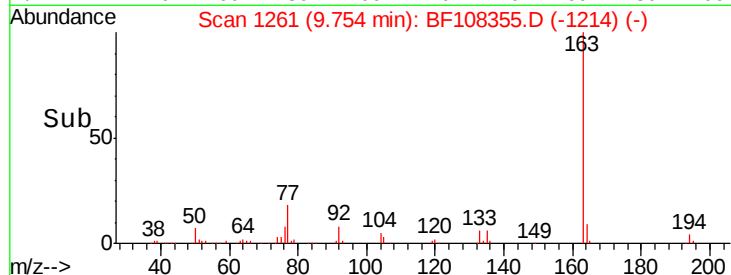
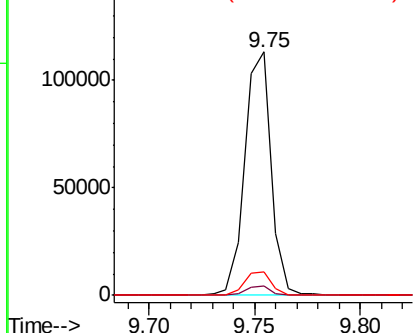
#49
Dimethylphthalate
Concen: 4.968 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:163 Resp: 98114
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.8 8.2 12.2

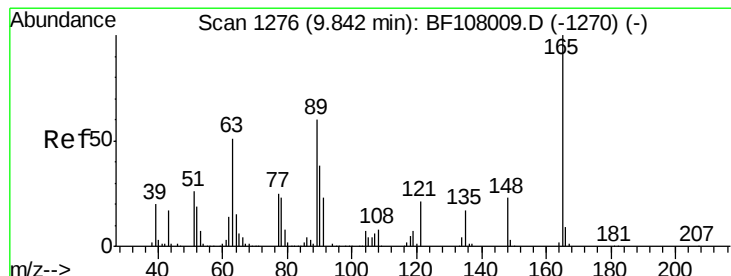


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

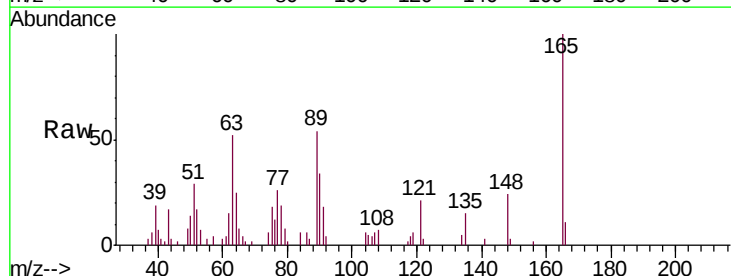
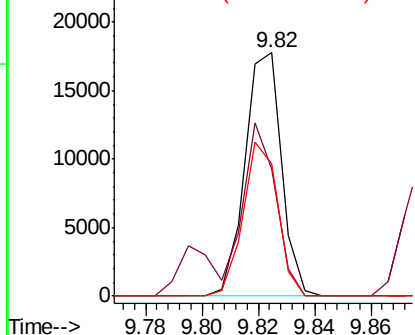


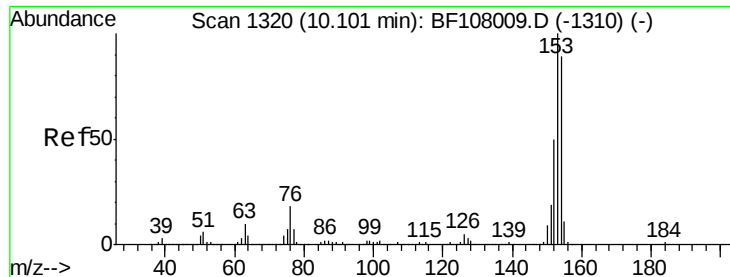
#50
2,6-Dinitrotoluene
Concen: 3.862 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:165 Resp: 15958
Ion Ratio Lower Upper
165 100
63 52.2 44.7 67.1
89 54.1 44.0 66.0



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





#51

Acenaphthene

Concen: 4.263 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RT2286MS

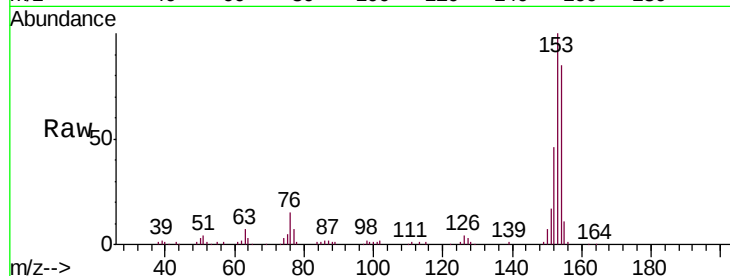
Tgt Ion:154 Resp: 68200

Ion Ratio Lower Upper

154 100

153 117.0 91.2 136.8

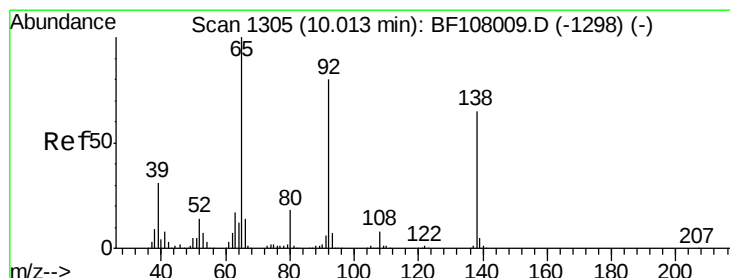
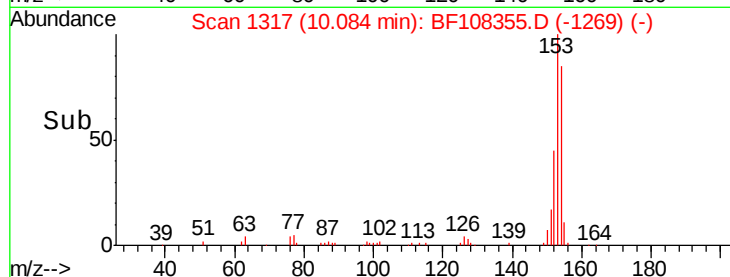
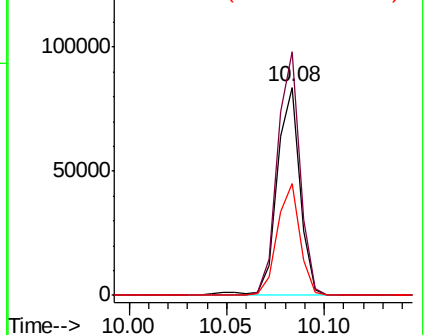
152 53.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 3.273 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

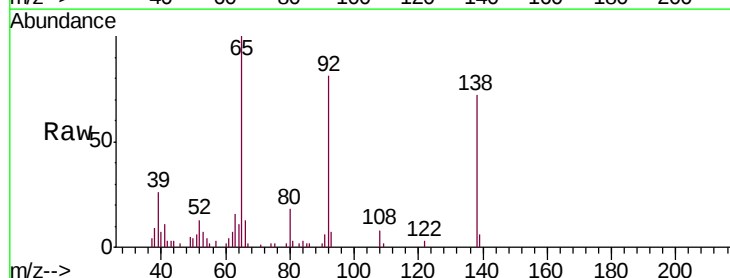
Tgt Ion:138 Resp: 14797

Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.0

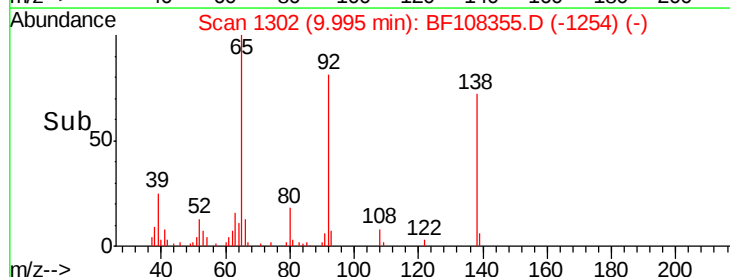
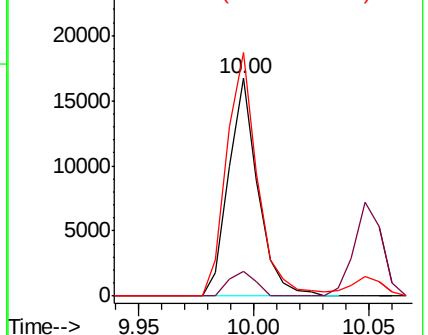
92 111.7 89.4 134.2

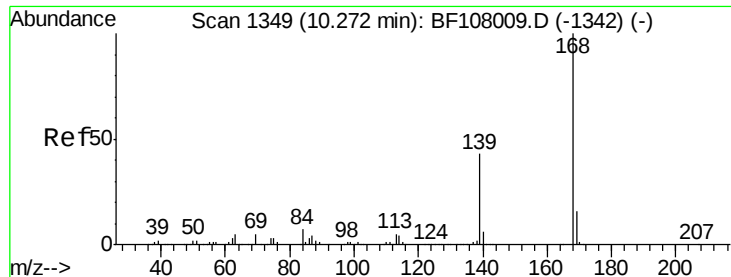


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

Dibenzofuran

Concen: 4.490 ng

RT: 10.25 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RT2286MS

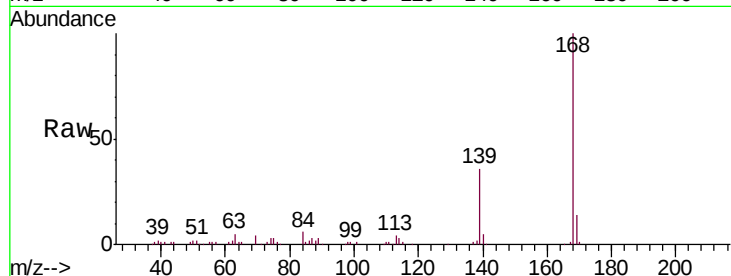
Tgt Ion:168 Resp: 104054

Ion Ratio Lower Upper

168 100

139 36.1 30.1 45.1

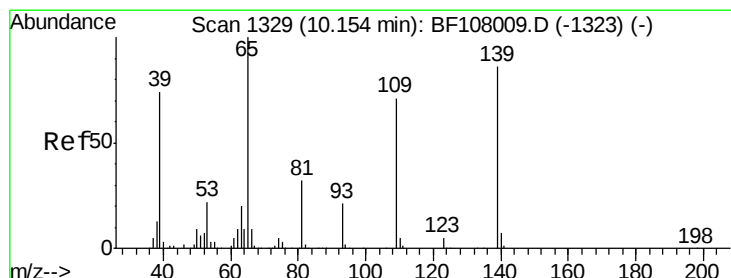
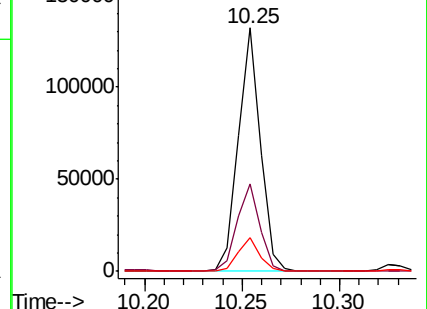
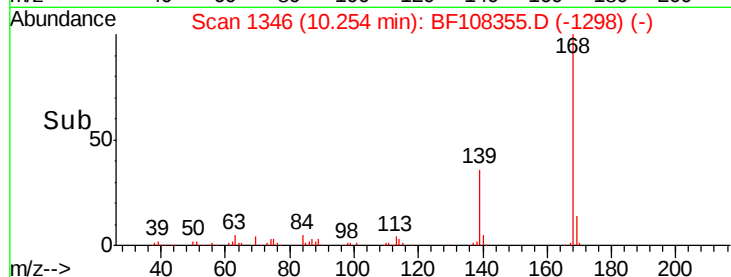
169 13.7 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 5.256 ng

RT: 10.15 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

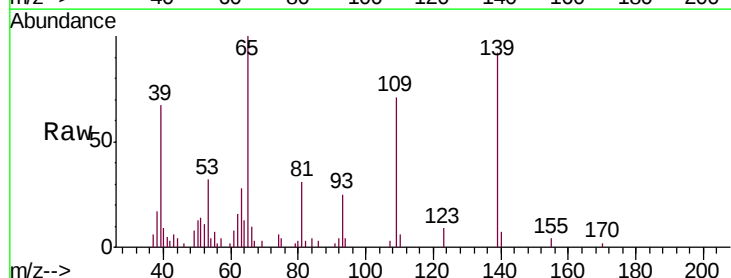
Tgt Ion:139 Resp: 17992

Ion Ratio Lower Upper

139 100

109 76.9 48.4 88.4

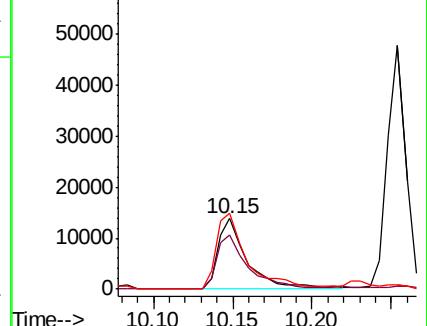
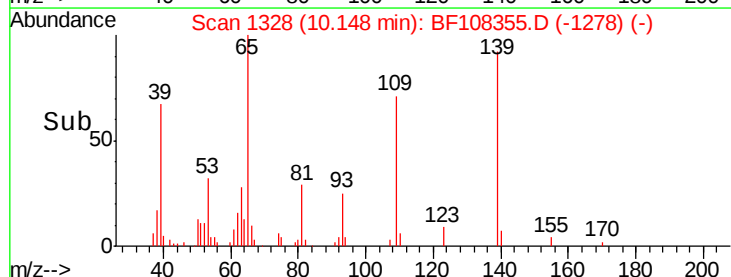
65 108.3 72.6 112.6

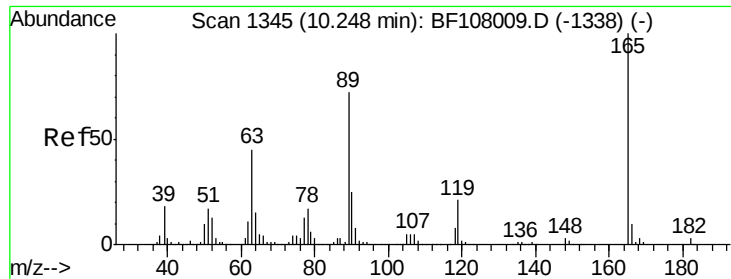


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

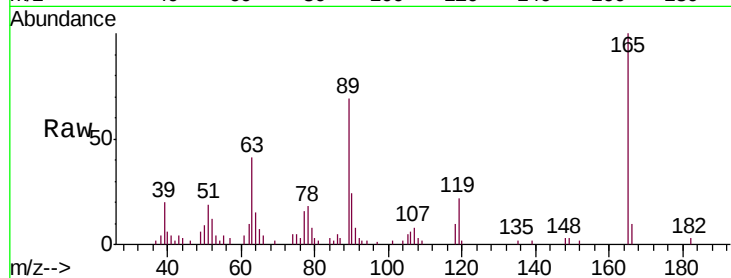




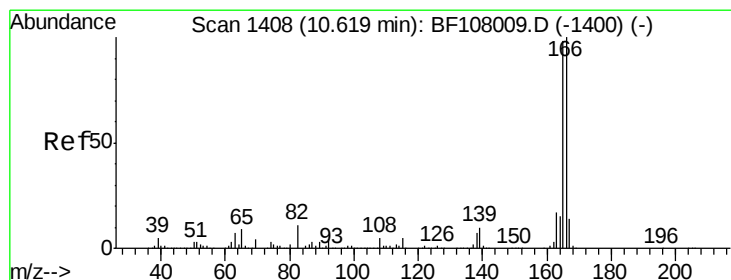
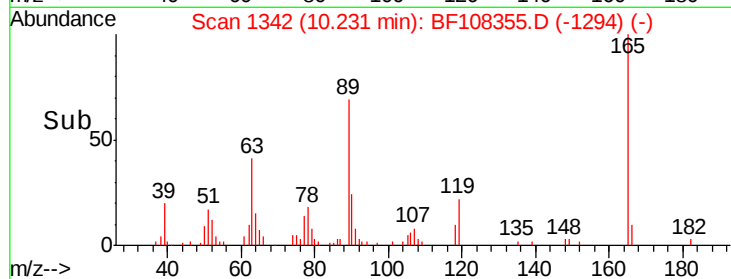
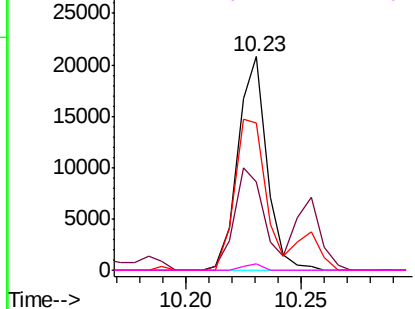
#56
2,4-Dinitrotoluene
Concen: 3.407 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:	165	Resp:	18119
Ion	Ratio	Lower	Upper
165	100		
63	41.4	36.4	54.6
89	68.9	57.8	86.6
182	3.0	1.6	2.4#

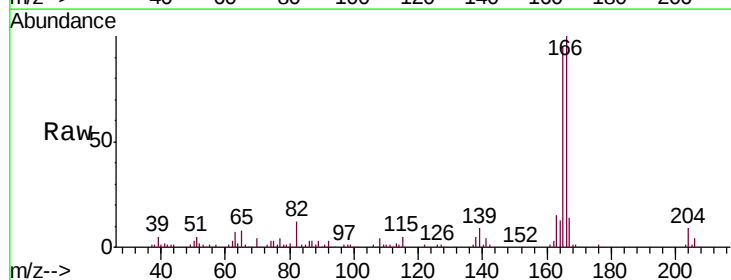


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

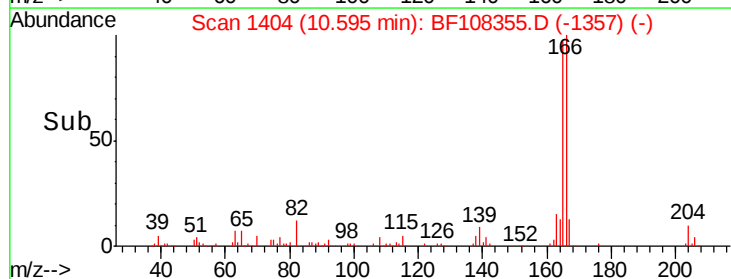
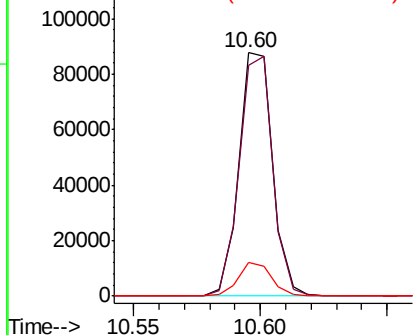


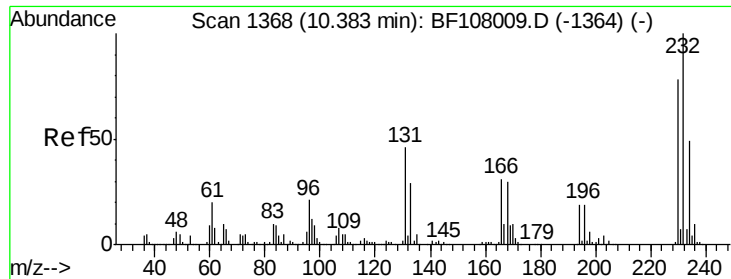
#57
Fluorene
Concen: 4.402 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:	166	Resp:	80764
Ion	Ratio	Lower	Upper
166	100		
165	95.0	79.8	119.8
167	13.7	10.6	16.0



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

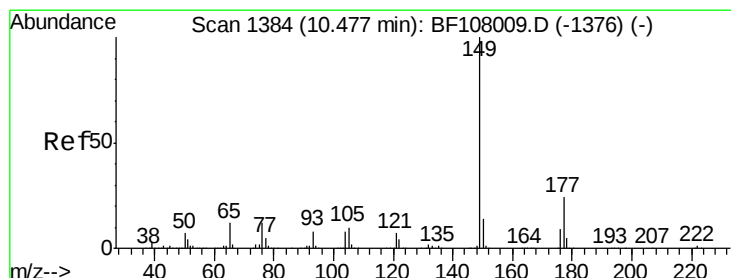
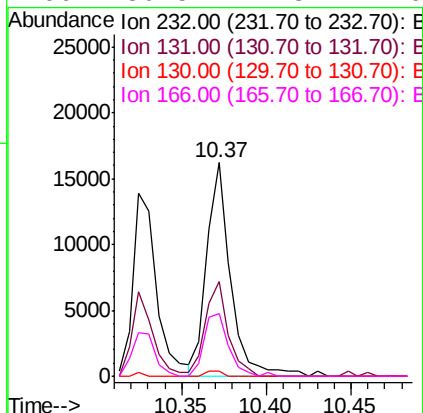
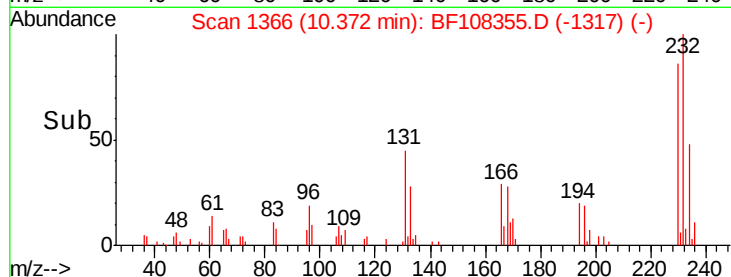
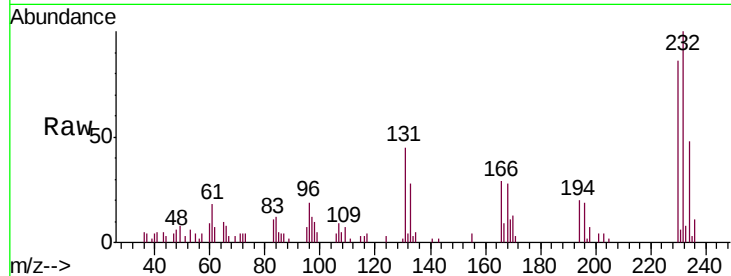




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.239 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF108355.D
 Acq: 21 Aug 2018 23:25

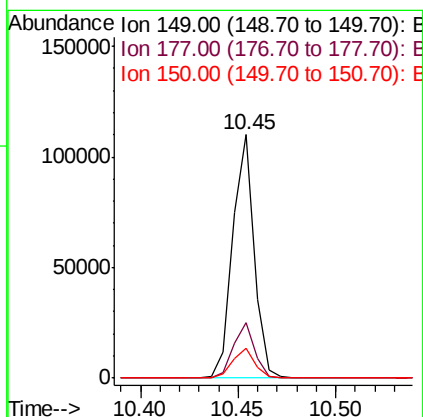
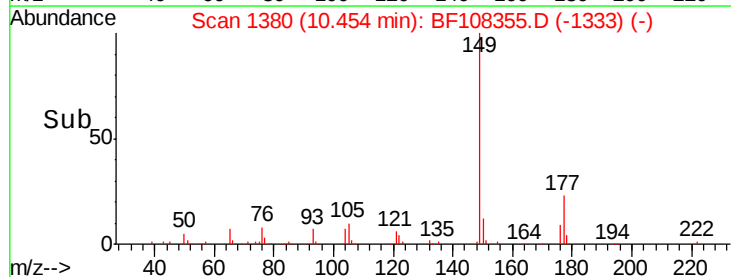
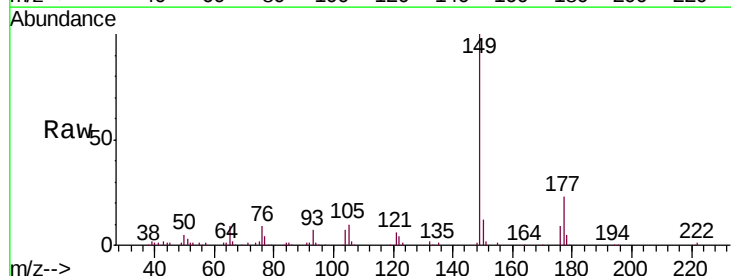
Instrument :
 BNA_F
 ClientSampleId :
 RT2286MS

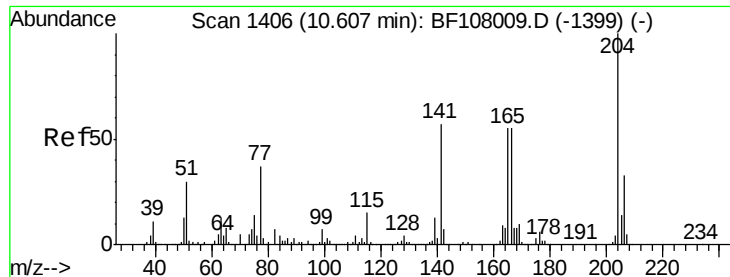
Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.3	43.8	65.8#
130	1.7	2.1	3.1#
166	30.5	27.8	41.6



#59
 Diethylphthalate
 Concen: 4.405 ng
 RT: 10.45 min Scan# 1380
 Delta R.T. -0.02 min
 Lab File: BF108355.D
 Acq: 21 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	16.1	24.1
150	12.1	10.1	15.1

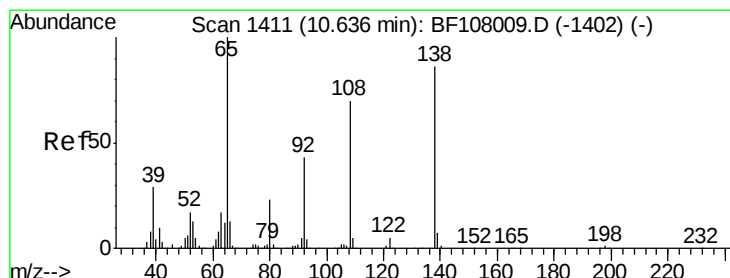
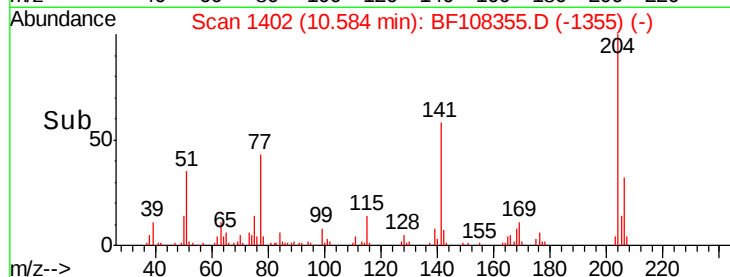
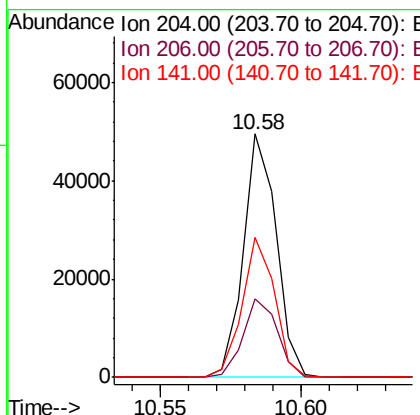
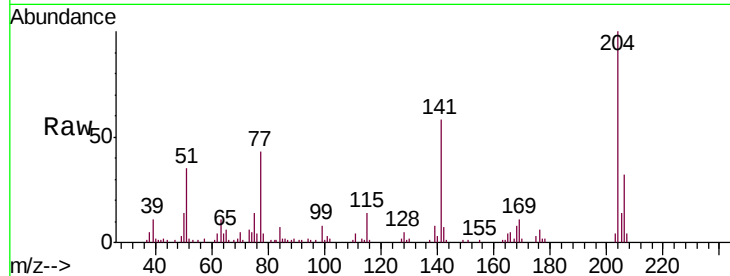




#60
4-Chlorophenyl-phenylether
Concen: 4.190 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

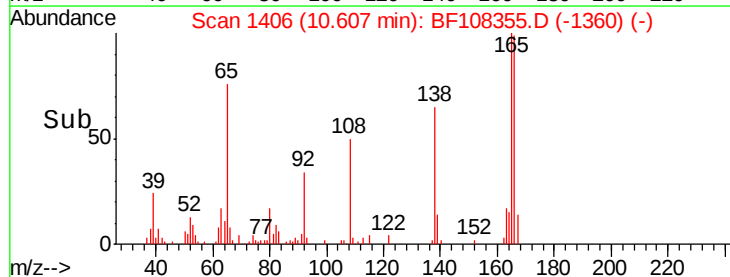
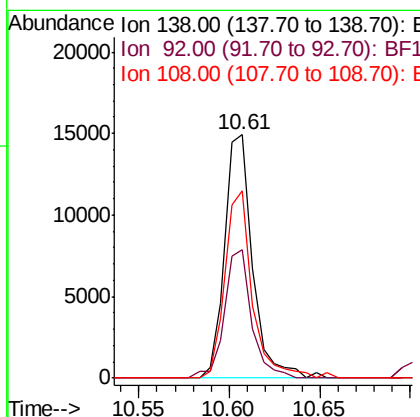
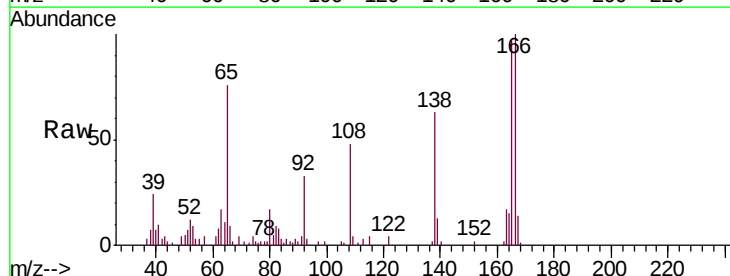
Instrument :
BNA_F
ClientSampleId :
RT2286MS

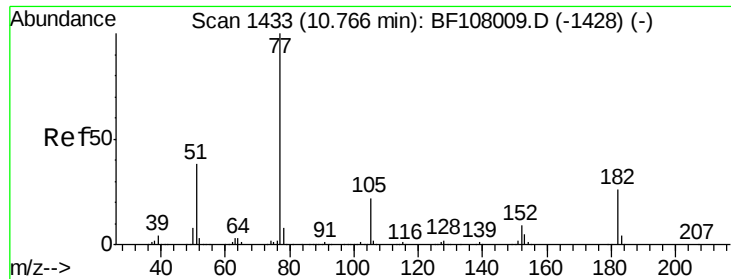
Tgt Ion:204 Resp: 40056
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 57.7 54.6 81.8



#61
4-Nitroaniline
Concen: 3.597 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.03 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:138 Resp: 16075
Ion Ratio Lower Upper
138 100
92 52.8 30.2 70.2
108 77.2 52.5 92.5

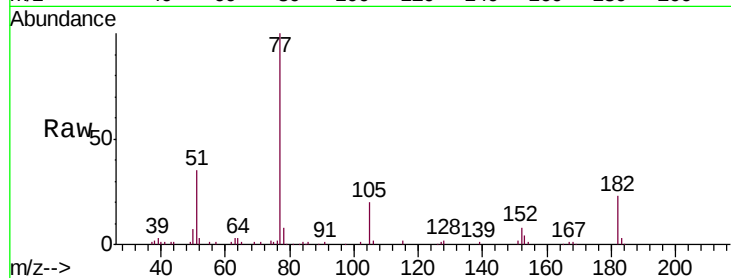




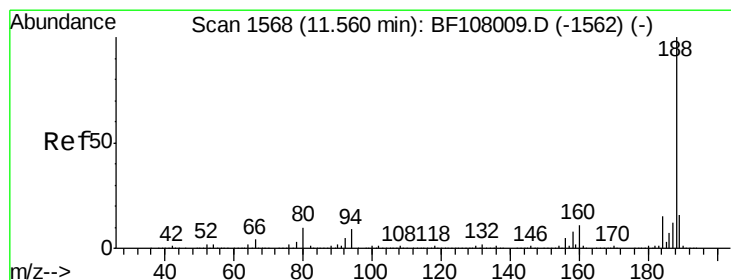
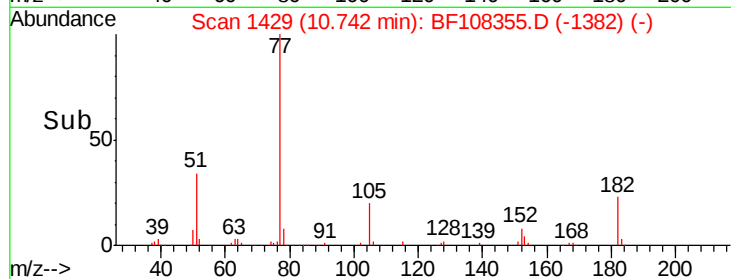
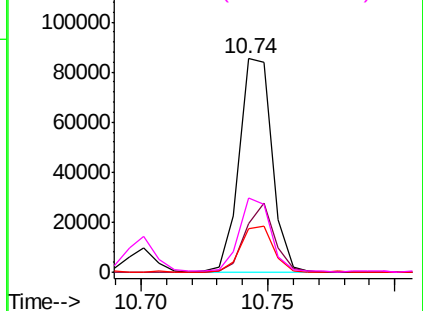
#62
Azobenzene
Concen: 3.891 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 77 Resp: 76841
Ion Ratio Lower Upper
77 100
182 22.6 1.7 41.7
105 20.2 3.0 43.0
51 34.9 9.9 49.9

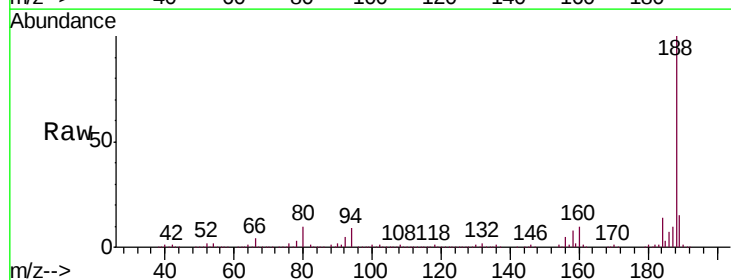


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

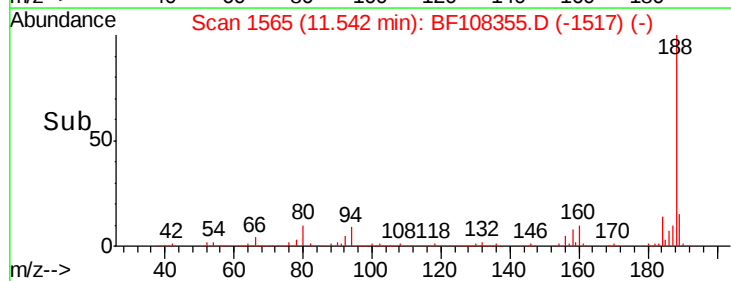
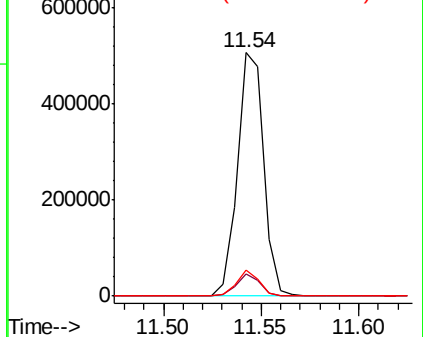


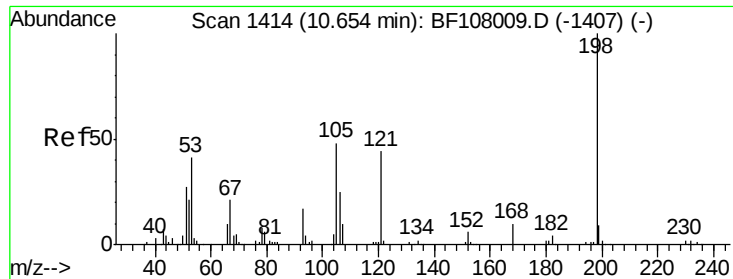
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion: 188 Resp: 468372
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 10.4 9.2 13.8



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

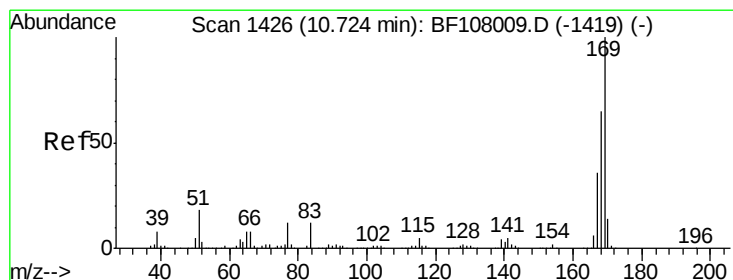
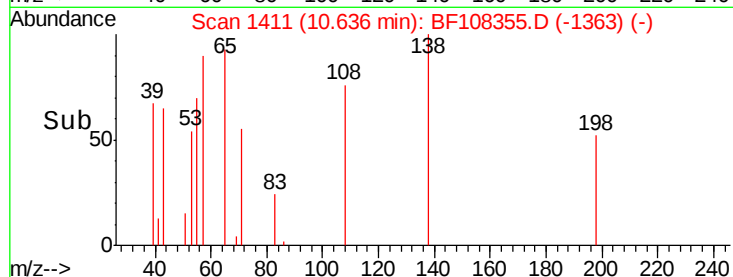
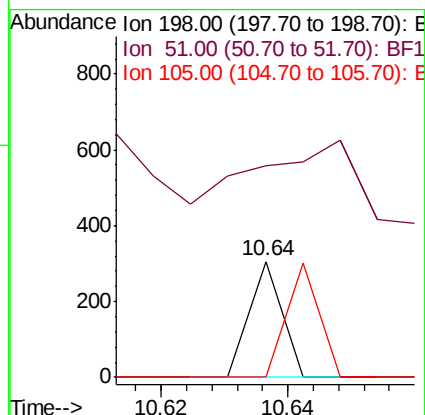
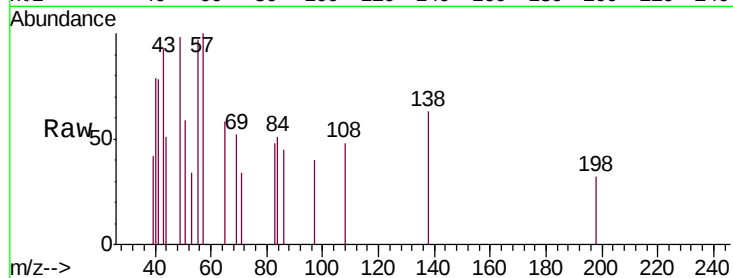




#64
4,6-Dinitro-2-methylphenol
Concen: 5.413 ng
RT: 10.64 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

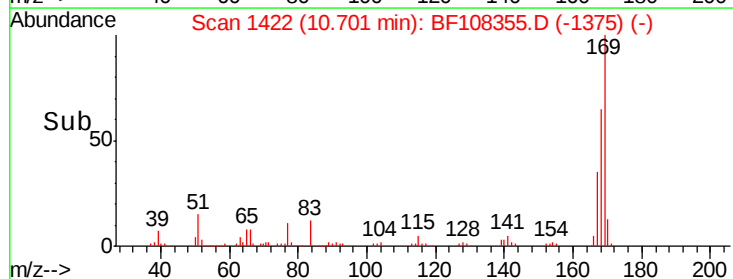
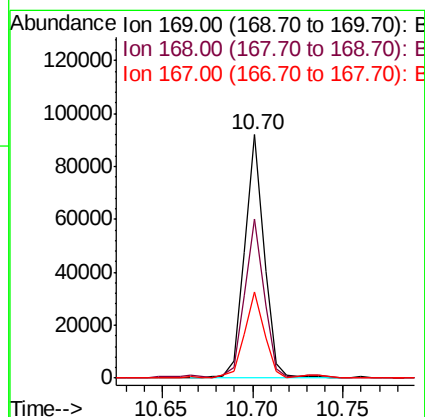
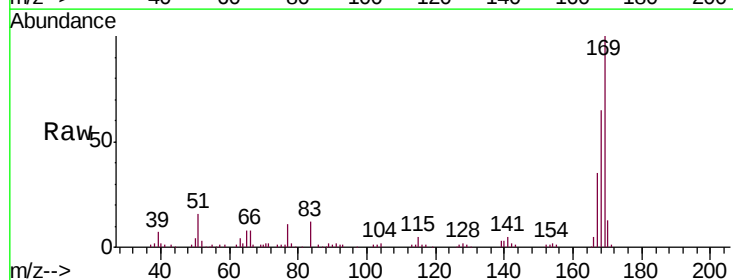
Instrument :
BNA_F
ClientSampleId :
RT2286MS

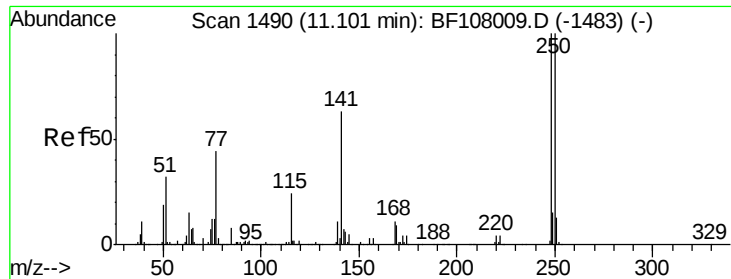
Tgt Ion:198 Resp: 108
Ion Ratio Lower Upper
198 100
51 182.4 37.7 77.7#
105 0.0 36.3 76.3#



#65
n-Nitrosodiphenylamine
Concen: 4.992 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:169 Resp: 69096
Ion Ratio Lower Upper
169 100
168 65.3 54.4 81.6
167 35.4 29.8 44.6

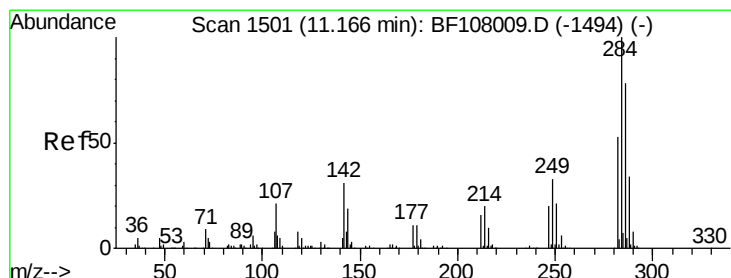
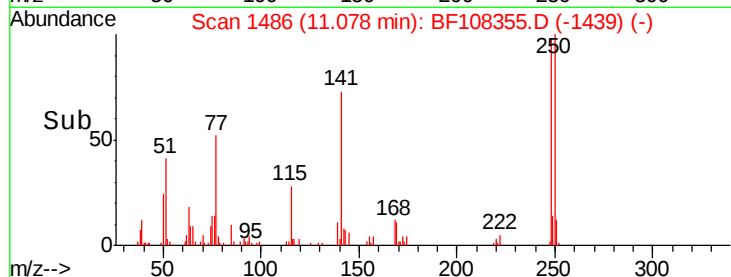
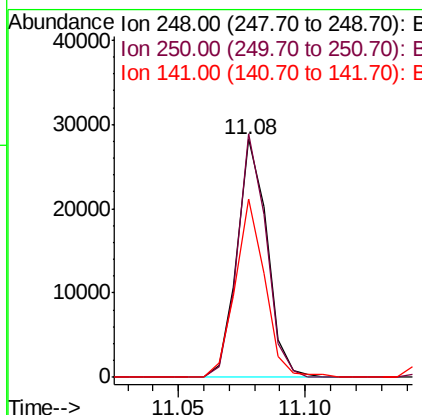
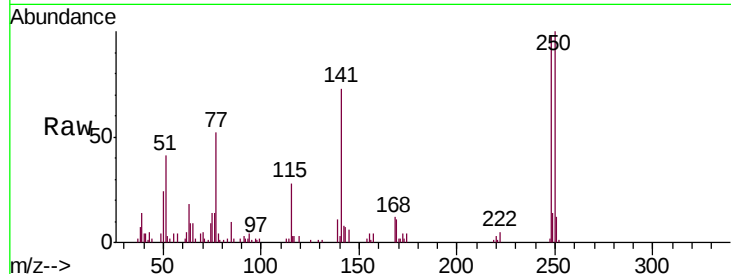




#66
4-Bromophenyl-phenylether
Concen: 4.584 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

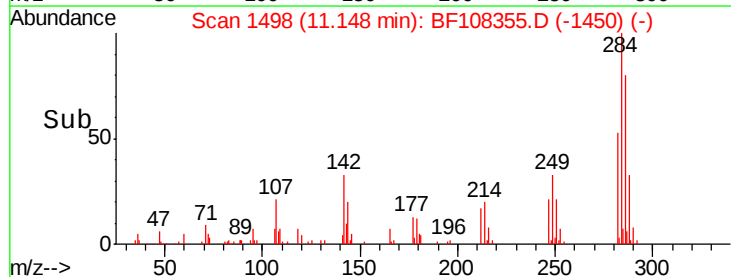
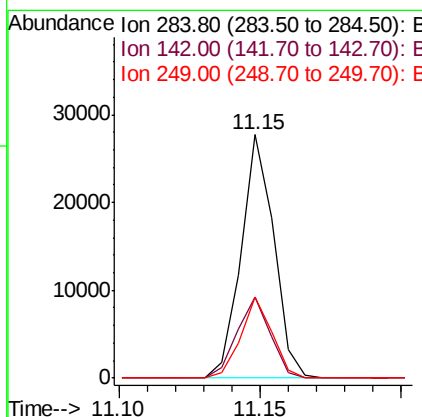
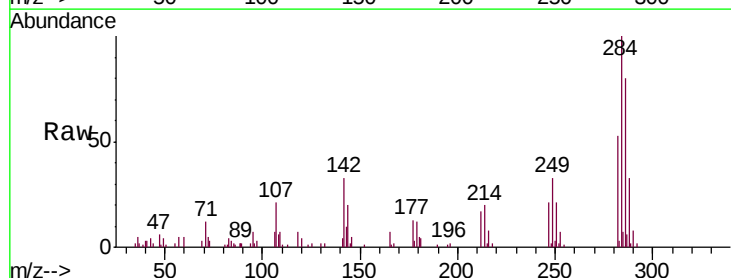
Instrument :
BNA_F
ClientSampleId :
RT2286MS

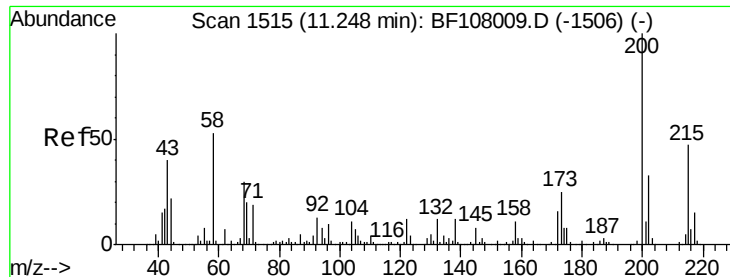
Tgt Ion	Ratio	Lower	Upper
248	100		
250	102.4	76.9	115.3
141	74.9	74.4	111.6



#67
Hexachlorobenzene
Concen: 4.157 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	34.6	52.0#
249	33.3	24.8	37.2

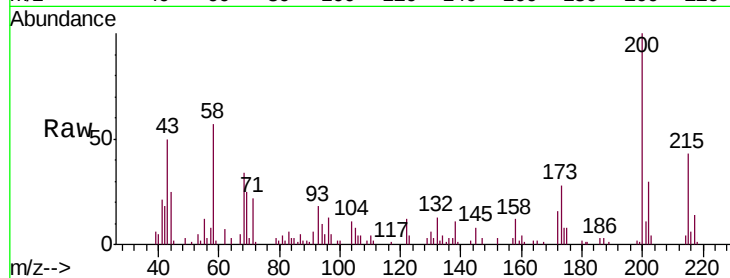




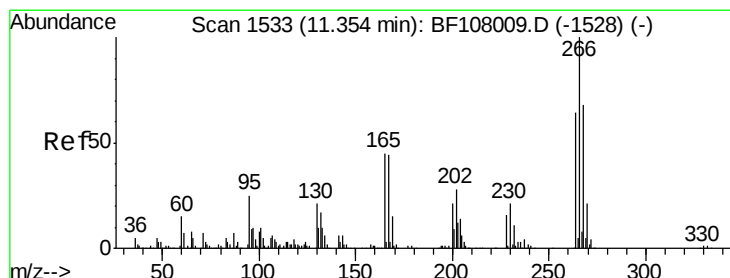
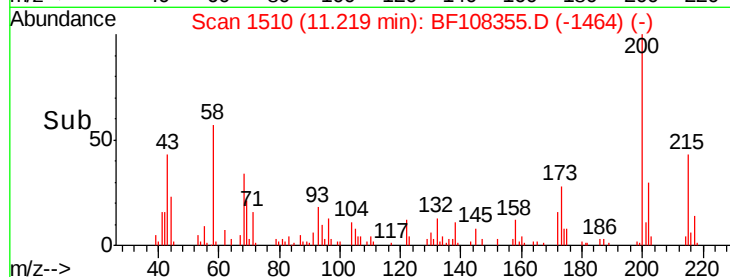
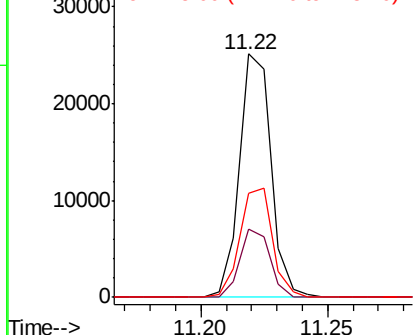
#68
Atrazine
Concen: 4.688 ng
RT: 11.22 min Scan# 1510
Delta R.T. -0.03 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 200 Resp: 21764
Ion Ratio Lower Upper
200 100
173 28.3 8.6 48.6
215 42.9 25.1 65.1

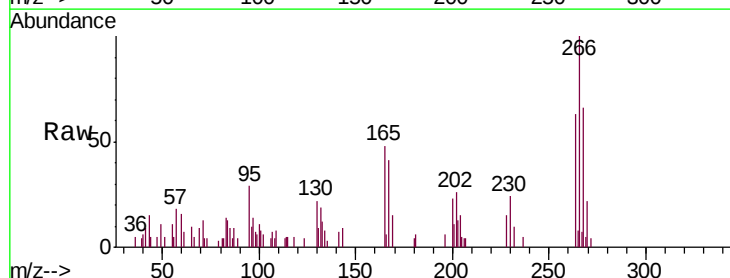


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

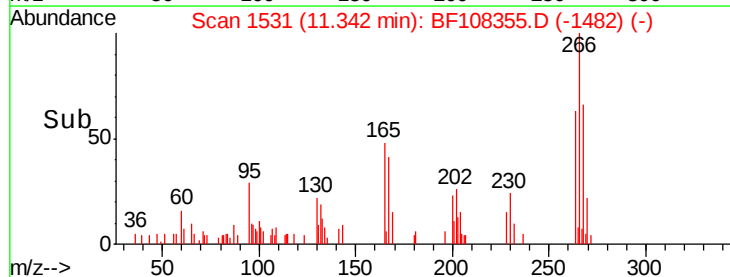
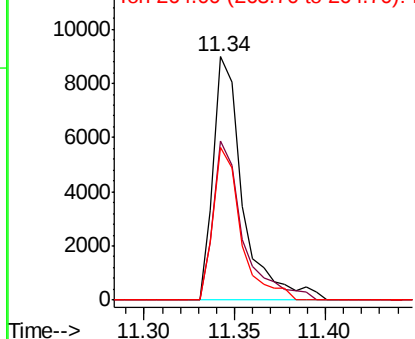


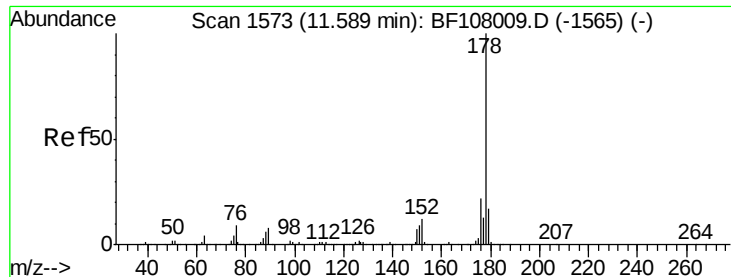
#69
Pentachlorophenol
Concen: 3.990 ng
RT: 11.34 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion: 266 Resp: 10227
Ion Ratio Lower Upper
266 100
268 65.6 51.1 76.7
264 62.6 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

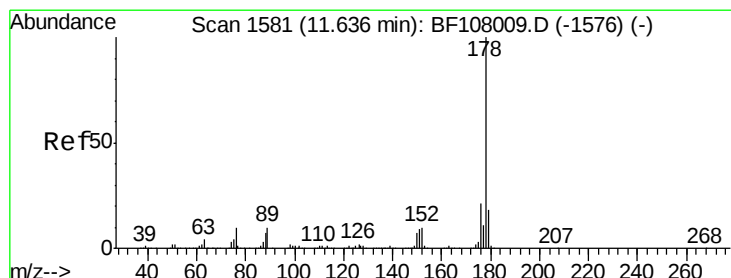
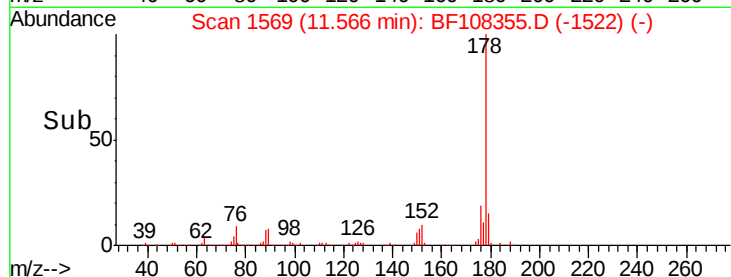
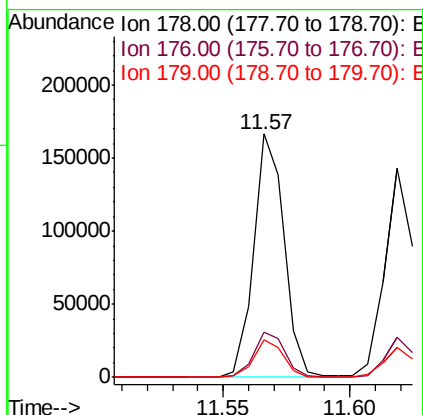
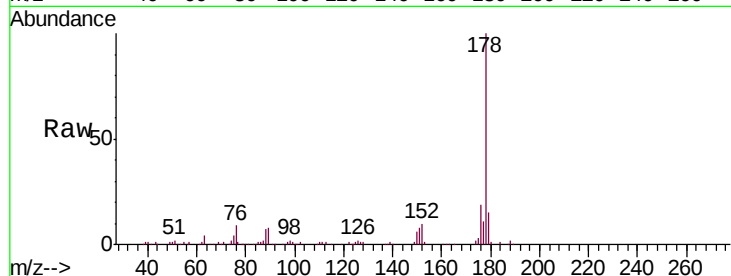




#70
Phenanthrene
Concen: 6.326 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

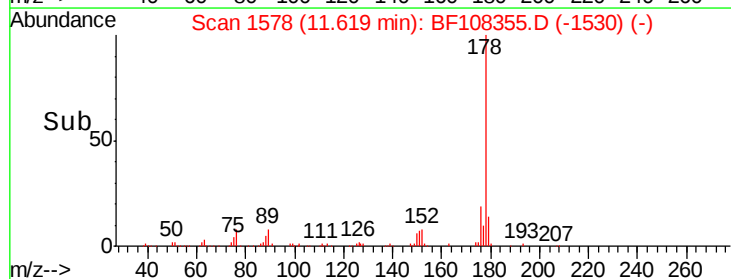
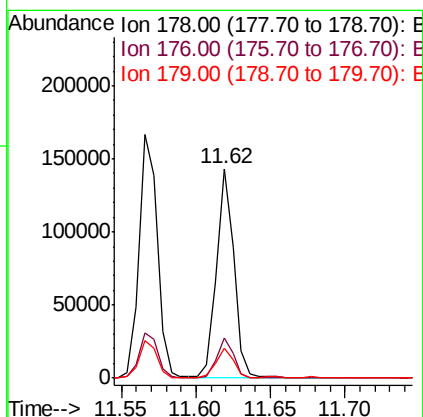
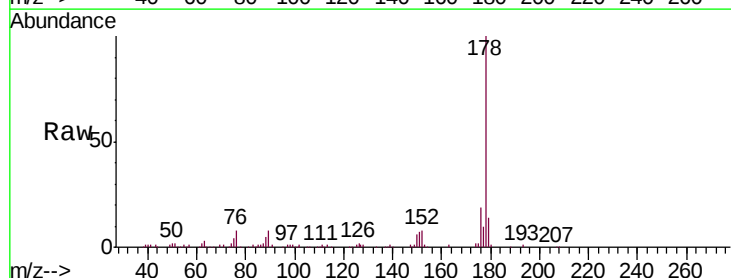
Instrument :
BNA_F
ClientSampleId :
RT2286MS

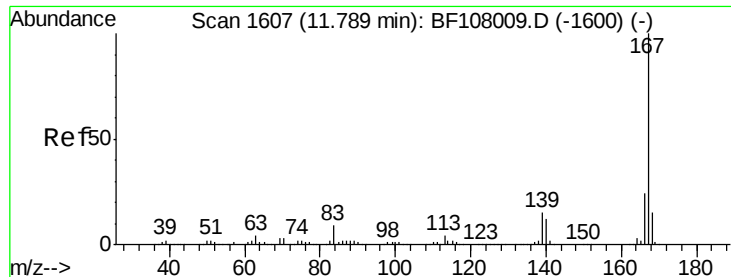
Tgt Ion:178 Resp: 139749
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.8
179 15.4 13.0 19.6



#71
Anthracene
Concen: 5.235 ng
RT: 11.62 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:178 Resp: 118521
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 14.2 12.6 19.0





#72

Carbazole

Concen: 4.098 ng

RT: 11.77 min Scan# 1604

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RT2286MS

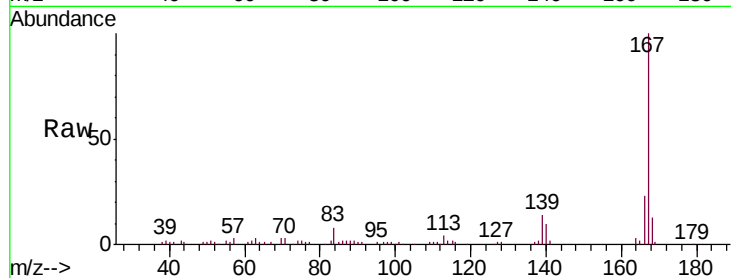
Tgt Ion:167 Resp: 82447

Ion Ratio Lower Upper

167 100

166 22.8 17.6 26.4

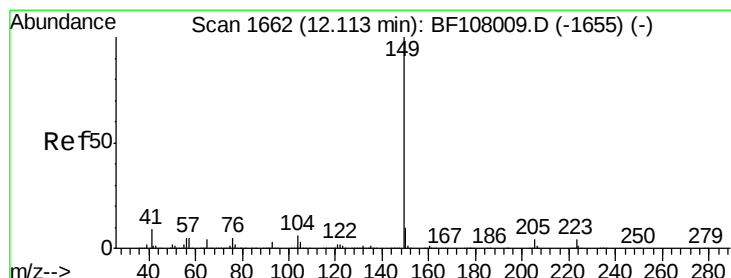
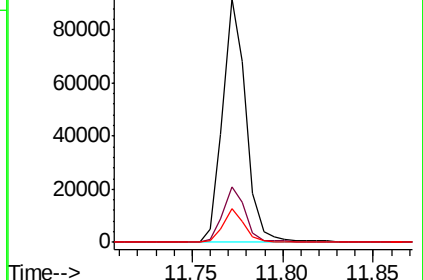
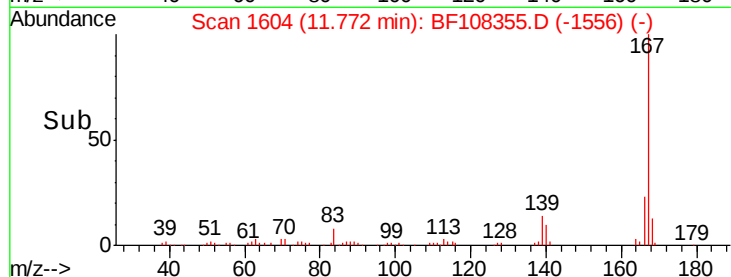
139 13.6 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 5.201 ng

RT: 12.09 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

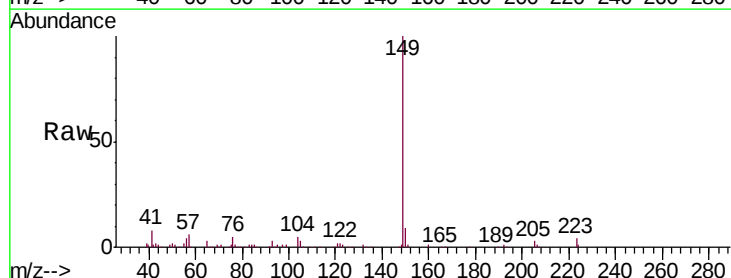
Tgt Ion:149 Resp: 118517

Ion Ratio Lower Upper

149 100

150 8.6 7.8 11.6

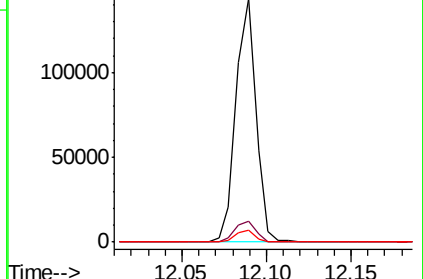
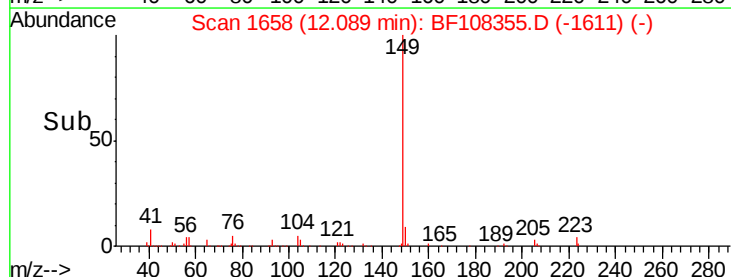
104 4.6 3.8 5.8

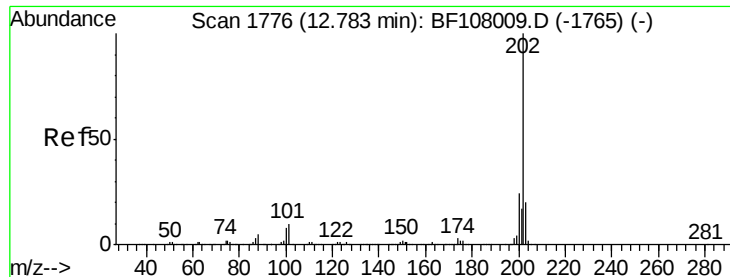


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 7.934 ng

RT: 12.77 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RT2286MS

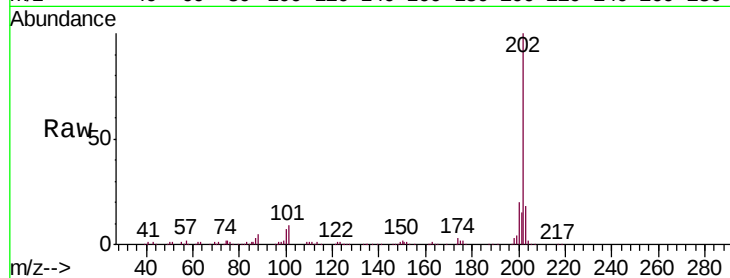
Tgt Ion:202 Resp: 191278

Ion Ratio Lower Upper

202 100

101 8.7 0.0 34.1

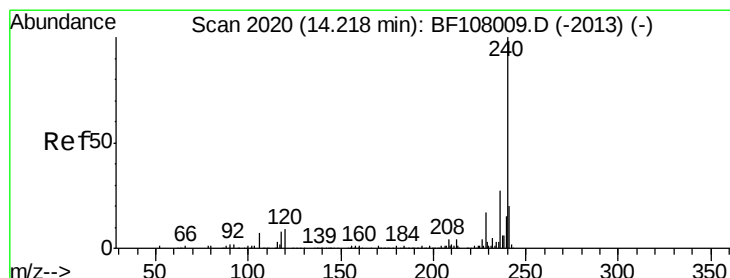
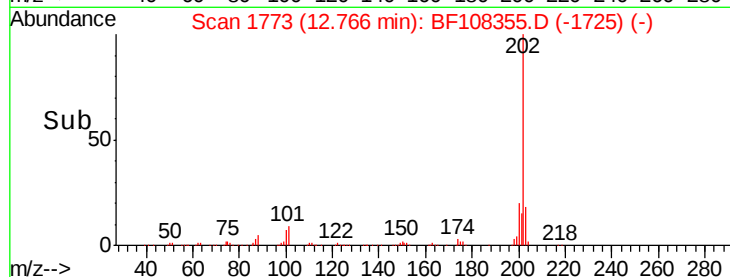
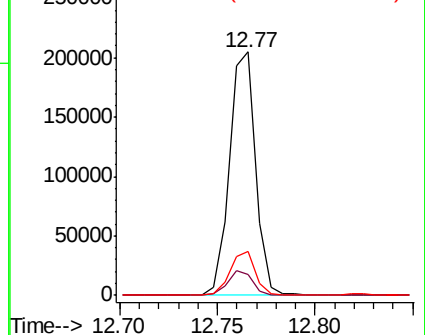
203 18.1 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

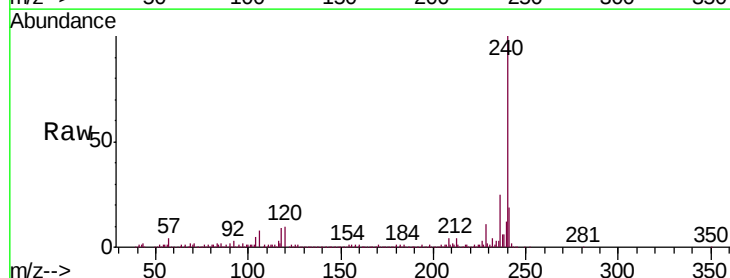
Tgt Ion:240 Resp: 361510

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

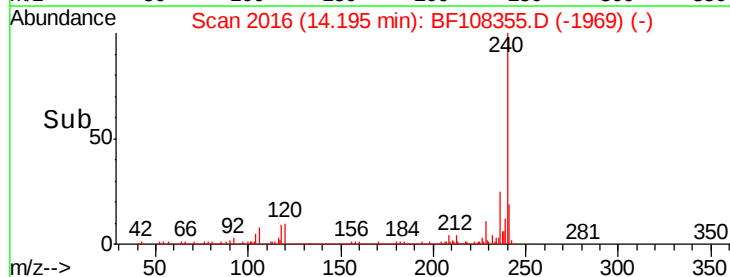
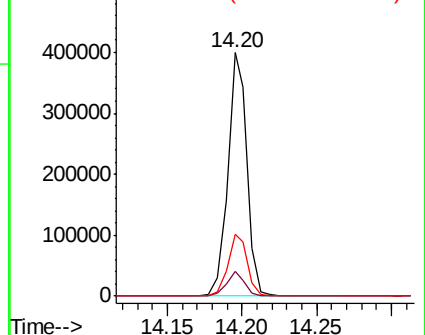
236 25.5 20.7 31.1

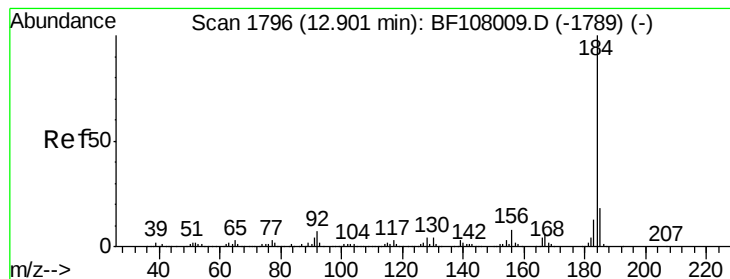


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.078 ng

RT: 12.88 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RT2286MS

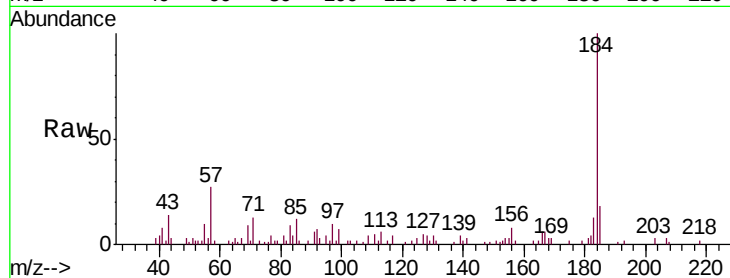
Tgt Ion:184 Resp: 28069

Ion Ratio Lower Upper

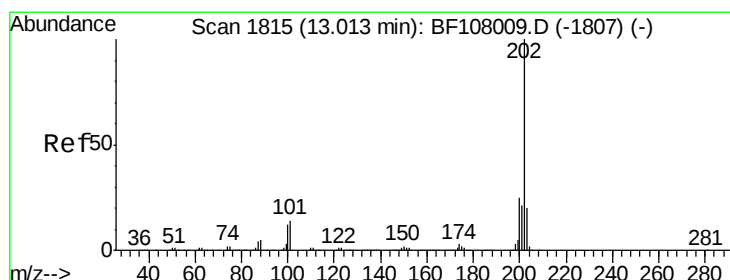
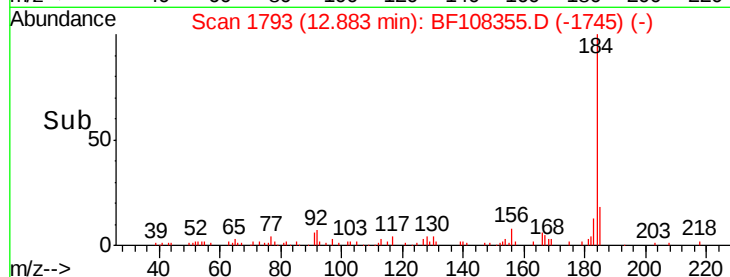
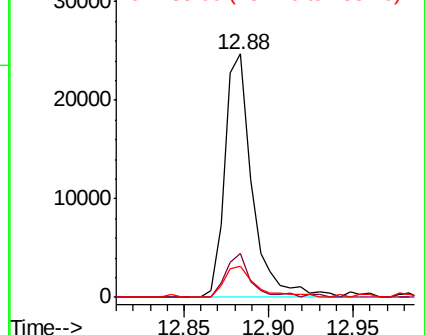
184 100

185 17.8 12.6 18.8

183 13.0 9.3 13.9



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



#77

Pyrene

Concen: 8.010 ng

RT: 13.00 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

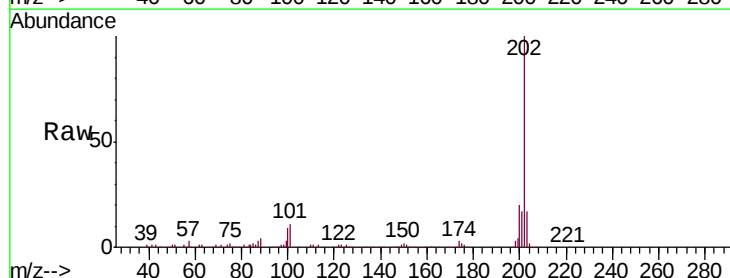
Tgt Ion:202 Resp: 183338

Ion Ratio Lower Upper

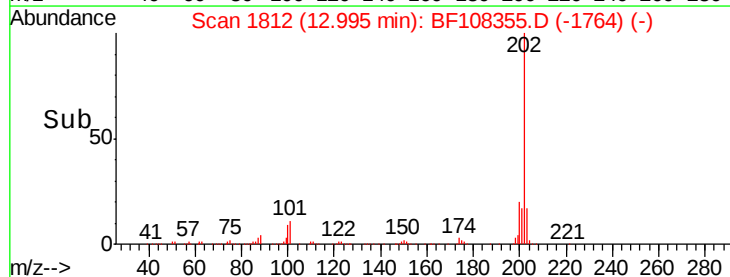
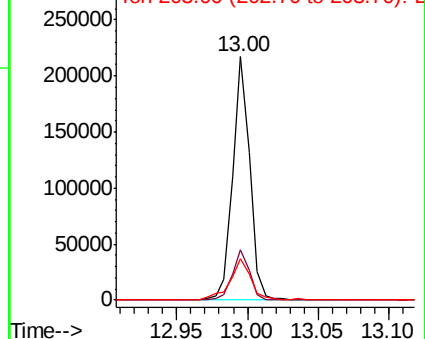
202 100

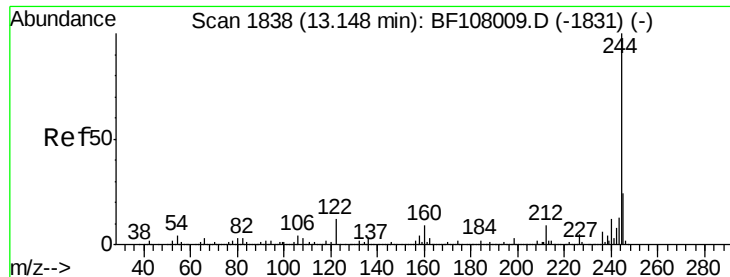
200 20.5 17.4 26.2

203 17.0 14.3 21.5



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





#78

Terphenyl-d14

Concen: 10.213 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RT2286MS

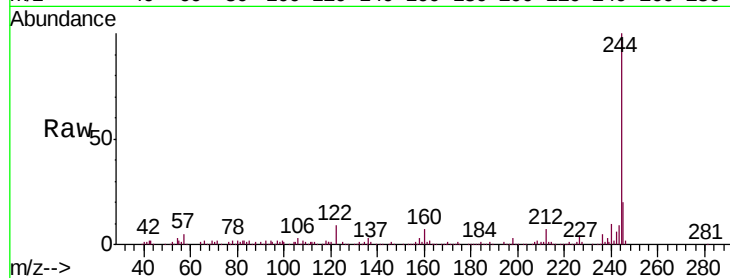
Tgt Ion:244 Resp: 145213

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

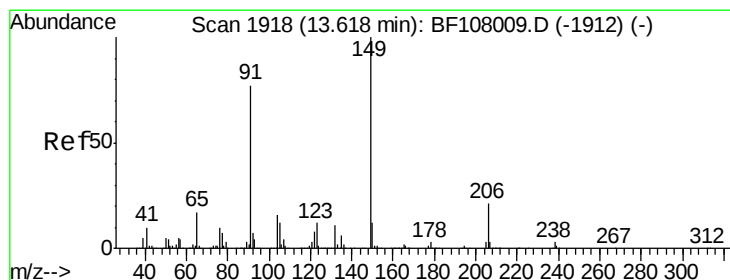
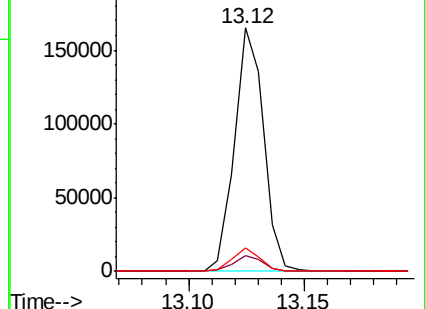
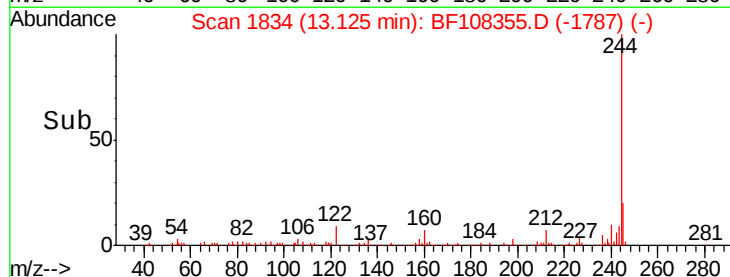
122 9.5 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 4.111 ng

RT: 13.60 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

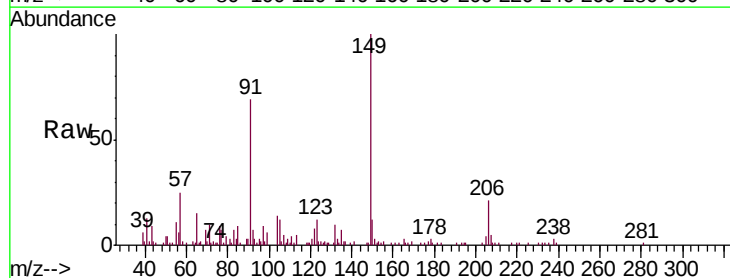
Tgt Ion:149 Resp: 37362

Ion Ratio Lower Upper

149 100

91 69.2 56.8 85.2

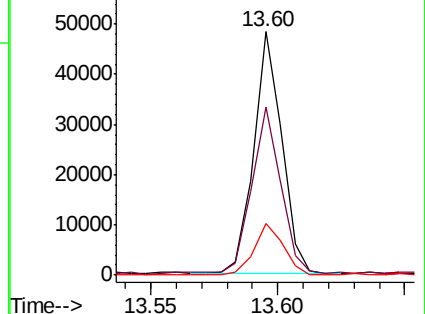
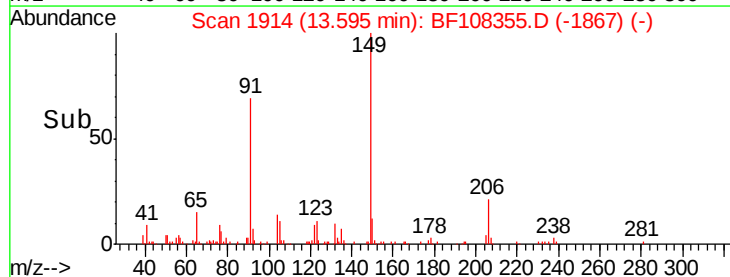
206 21.0 14.1 21.1

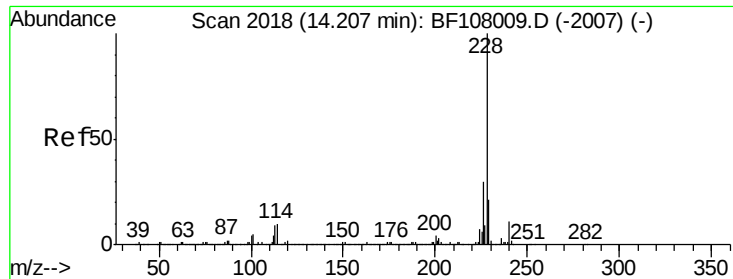


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

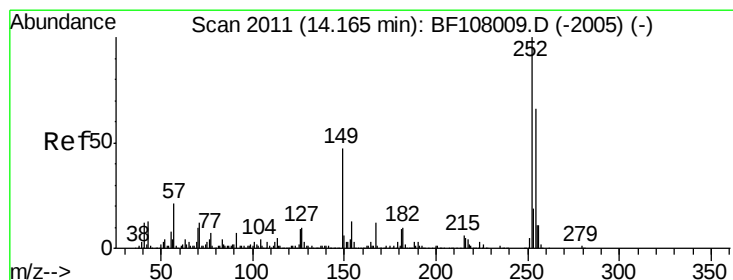
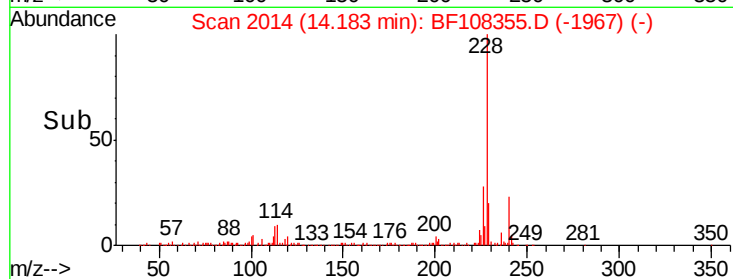
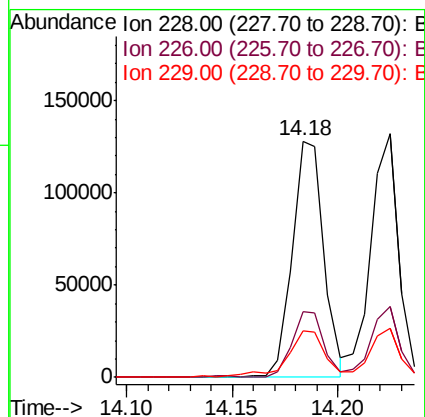
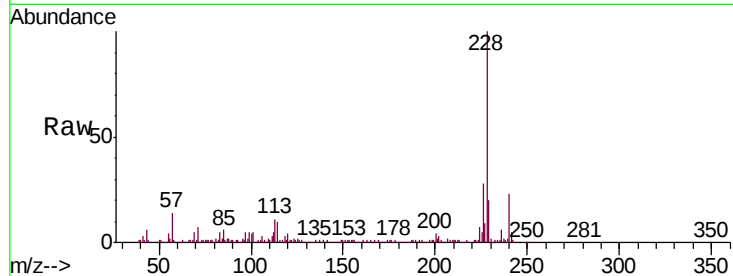




#80
Benzo(a)anthracene
Concen: 6.437 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

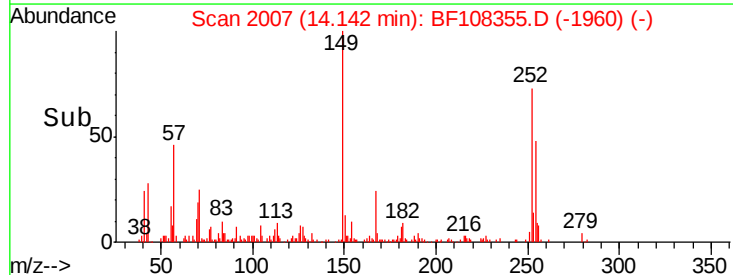
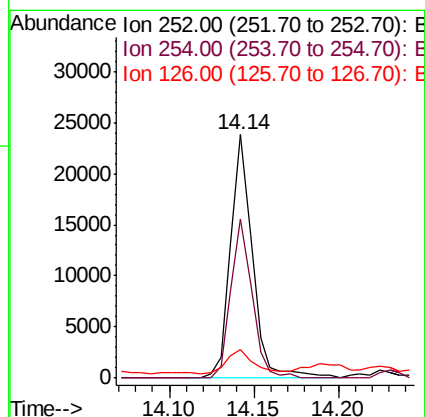
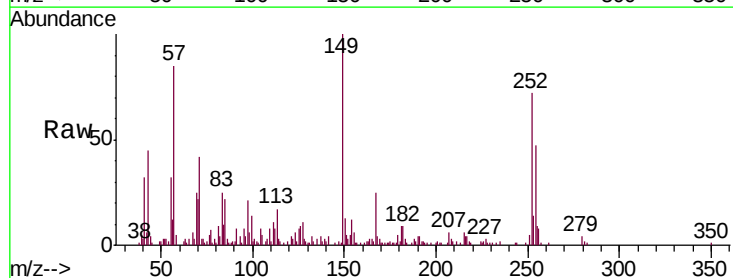
Instrument :
BNA_F
ClientSampleId :
RT2286MS

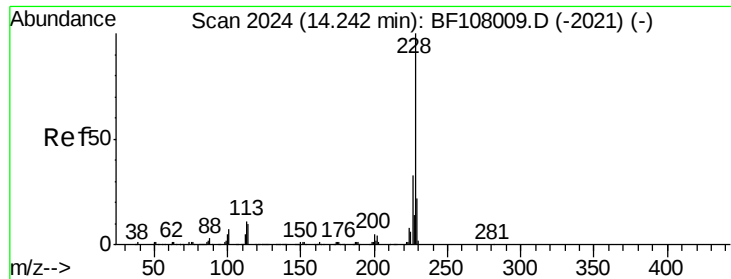
Tgt Ion:228 Resp: 133538
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 19.9 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 2.899 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion:252 Resp: 21558
Ion Ratio Lower Upper
252 100
254 65.2 50.4 75.6
126 11.9 11.3 16.9

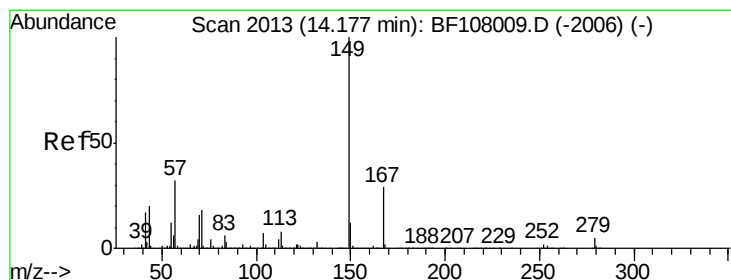
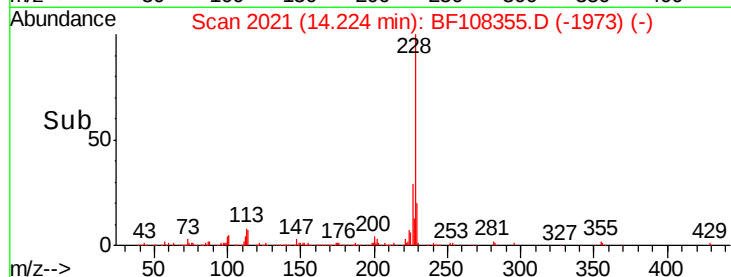
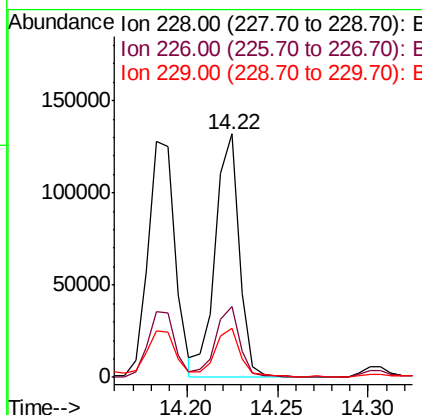
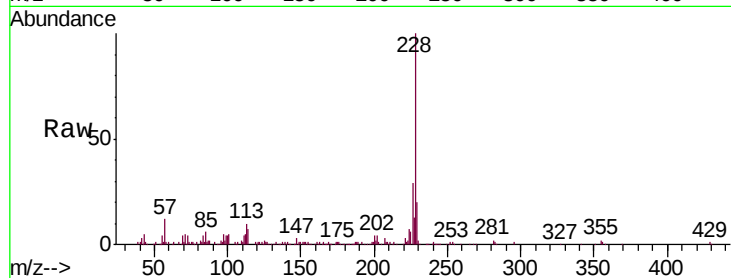




#82
 Chrysene
 Concen: 6.404 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF108355.D
 Acq: 21 Aug 2018 23:25

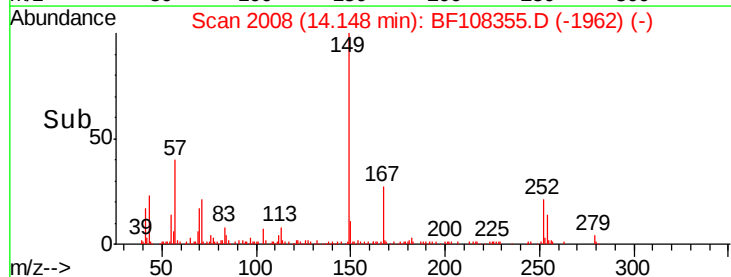
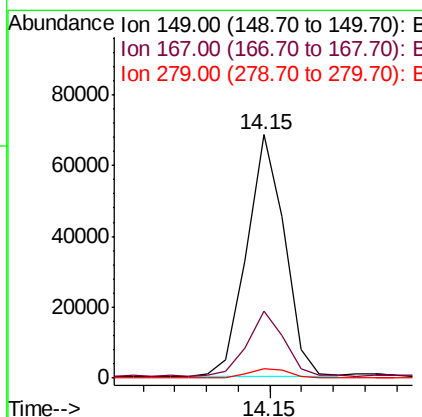
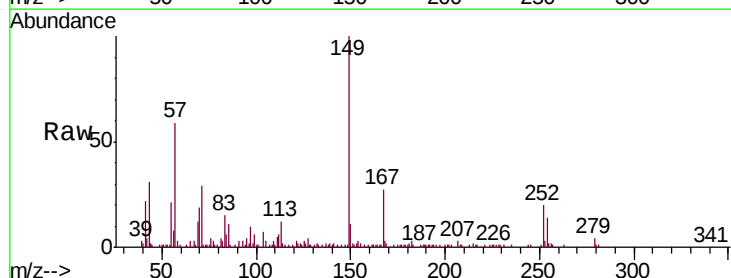
Instrument :
 BNA_F
 ClientSampleId :
 RT2286MS

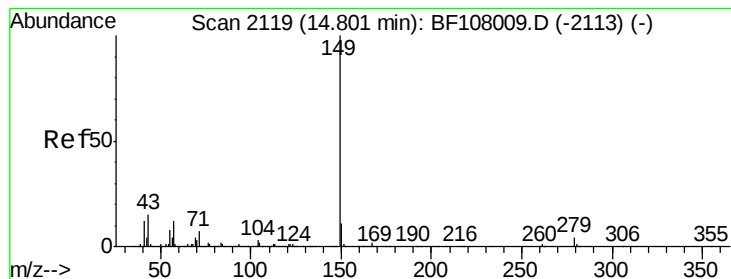
Tgt Ion: 228 Resp: 121815
 Ion Ratio Lower Upper
 228 100
 226 29.3 25.0 37.6
 229 20.1 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.576 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.03 min
 Lab File: BF108355.D
 Acq: 21 Aug 2018 23:25

Tgt Ion: 149 Resp: 56315
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.3 31.9
 279 3.7 3.0 4.4





#84

Di-n-octyl phthalate

Concen: 5.018 ng

RT: 14.77 min Scan# 2114

Delta R.T. -0.03 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RT2286MS

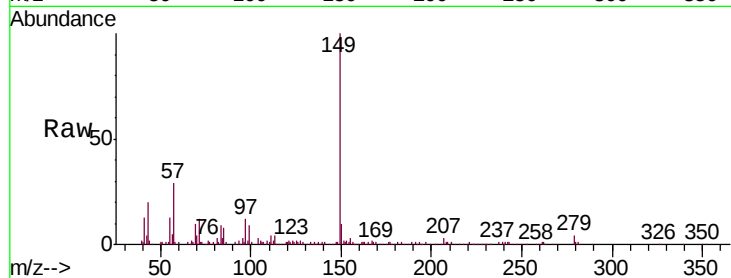
Tgt Ion:149 Resp: 94193

Ion Ratio Lower Upper

149 100

167 2.1 1.2 1.8#

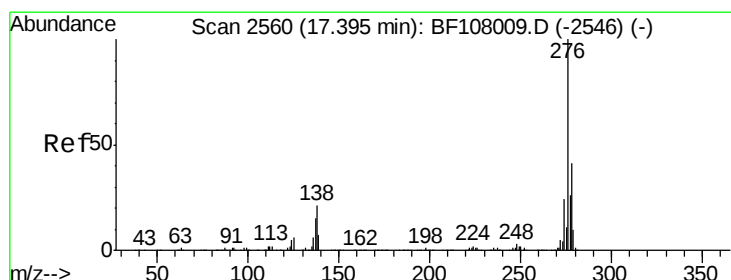
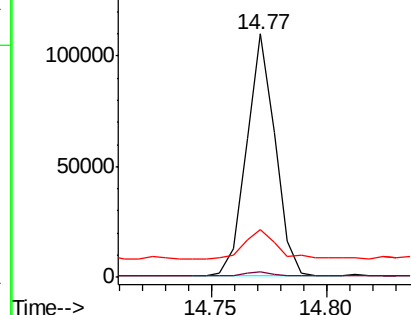
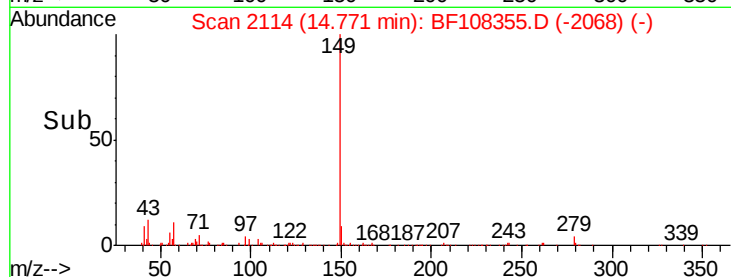
43 14.5 8.4 12.6#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.626 ng

RT: 17.36 min Scan# 2554

Delta R.T. -0.04 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

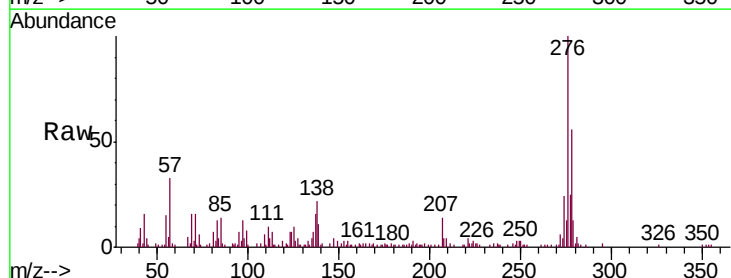
Tgt Ion:276 Resp: 76240

Ion Ratio Lower Upper

276 100

138 24.5 25.0 37.6#

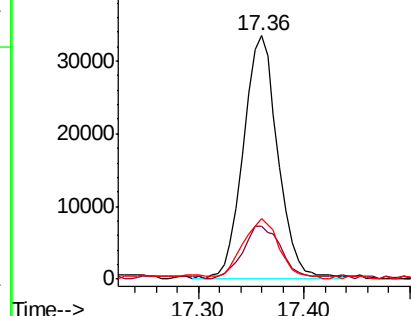
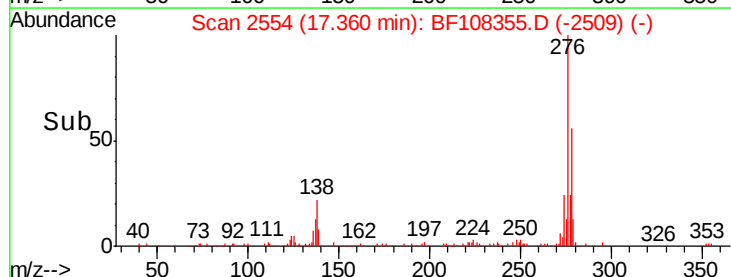
277 26.6 20.1 30.1

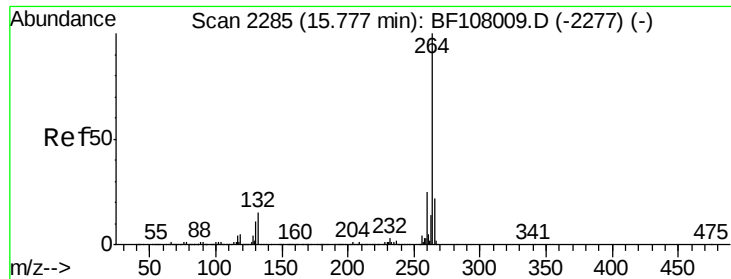


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

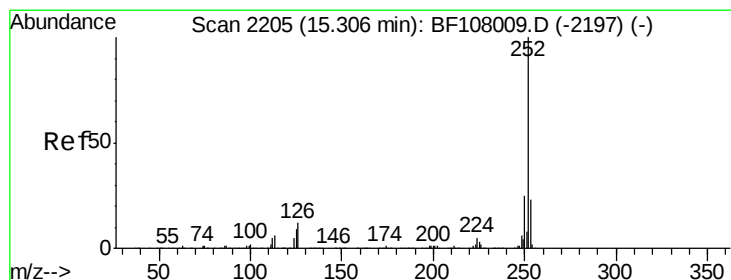
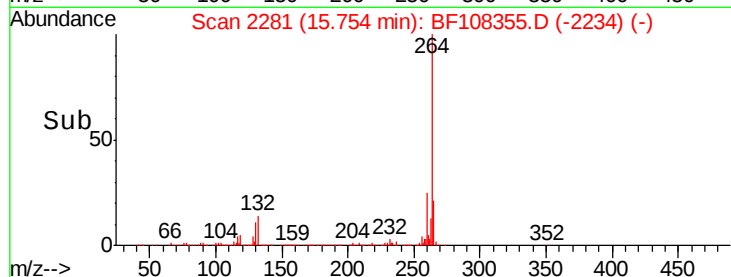
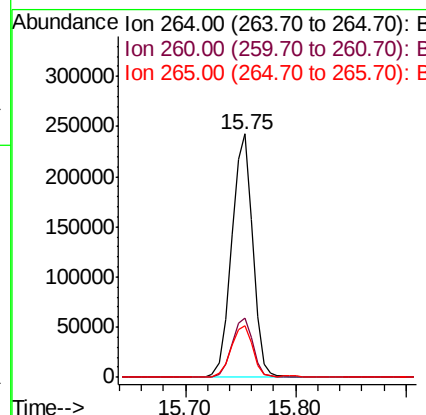
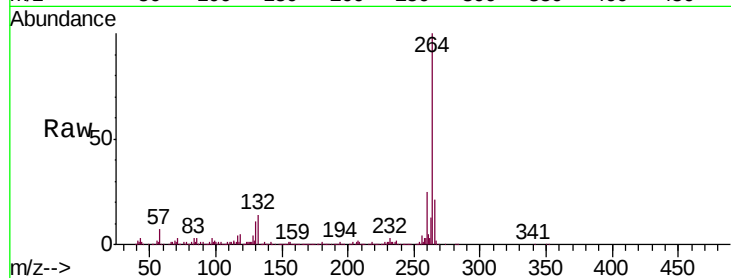




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

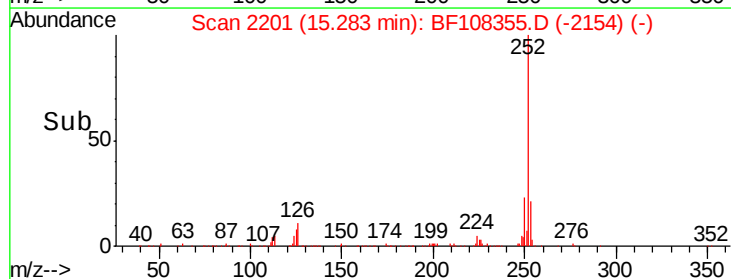
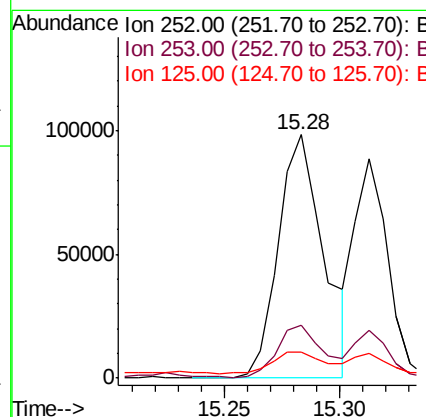
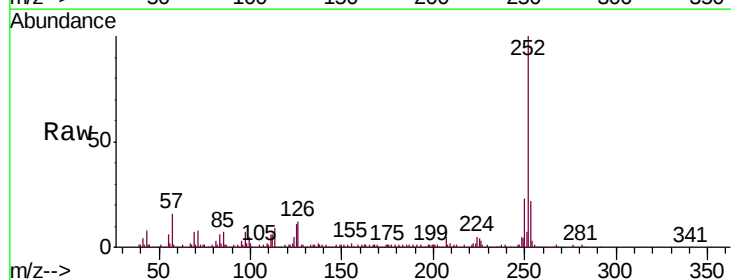
Instrument :
BNA_F
ClientSampleId :
RT2286MS

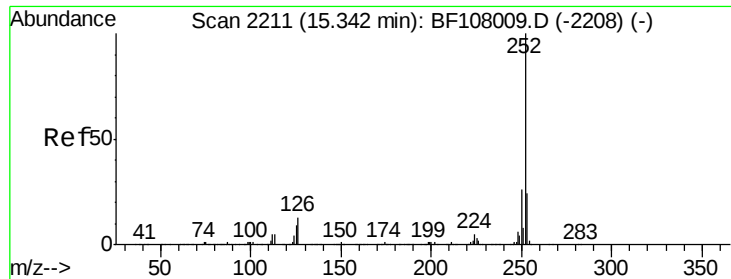
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.4	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 6.893 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	10.5	9.0	13.6

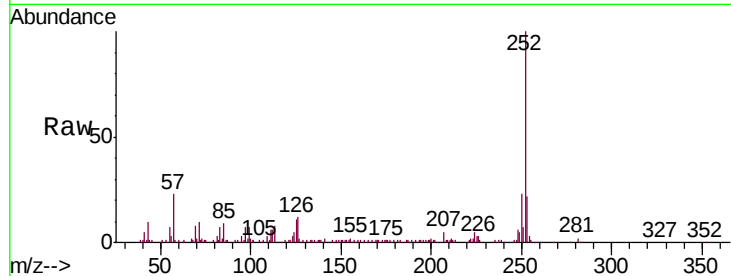




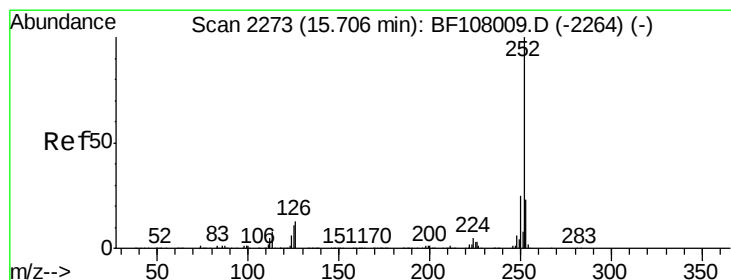
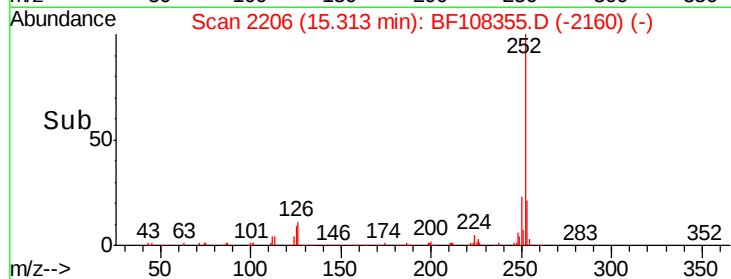
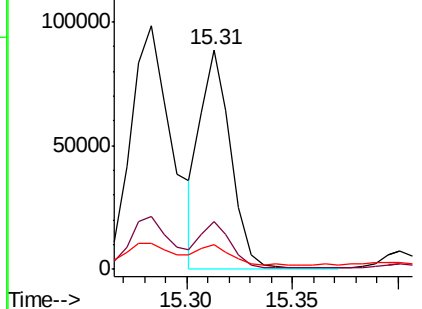
#88
Benzo(k)fluoranthene
Concen: 4.968 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	11.0	10.2	15.2

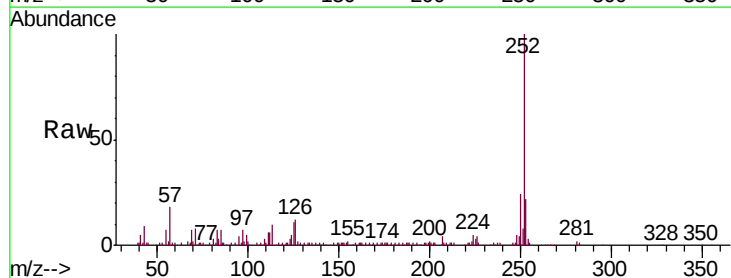


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

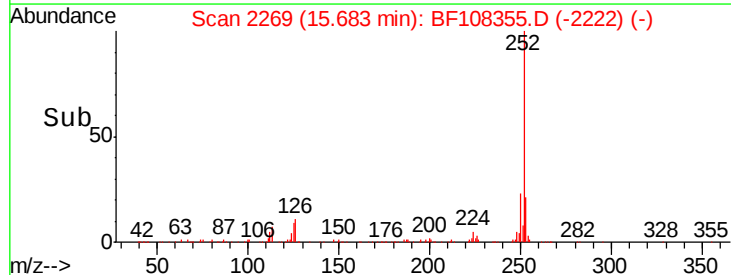
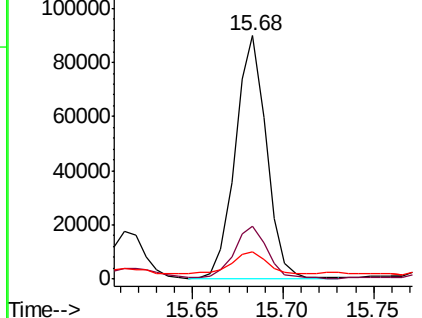


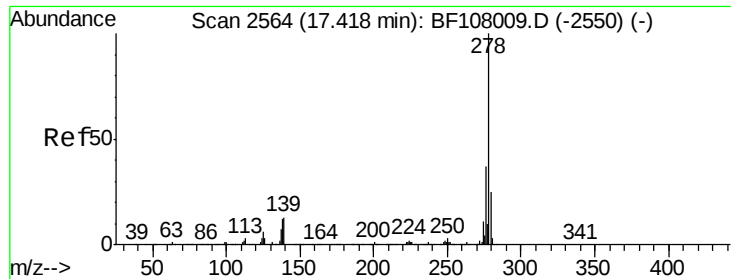
#89
Benzo(a)pyrene
Concen: 6.199 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF108355.D
Acq: 21 Aug 2018 23:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	11.4	9.8	14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 3.955 ng

RT: 17.38 min Scan# 2557

Delta R.T. -0.04 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

Instrument :

BNA_F

ClientSampleId :

RT2286MS

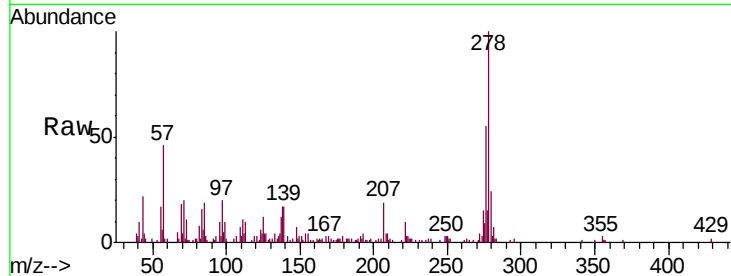
Tgt Ion:278 Resp: 56883

Ion Ratio Lower Upper

278 100

139 16.9 15.9 23.9

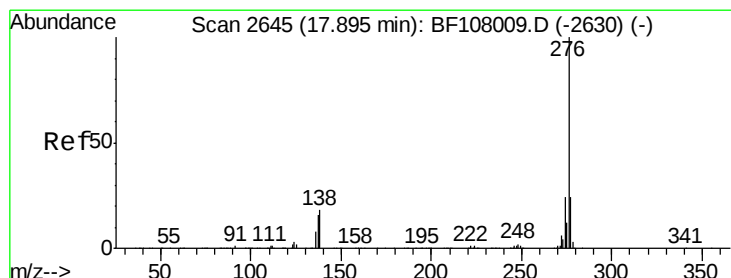
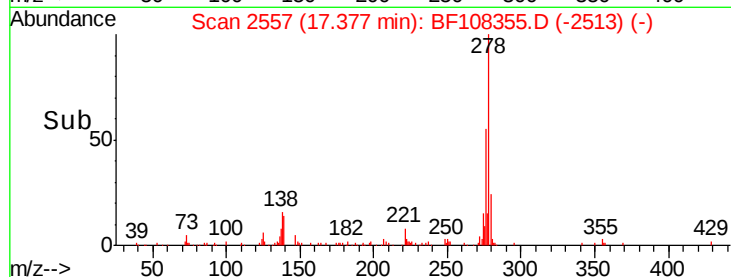
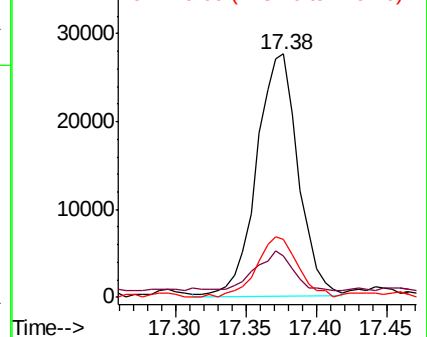
279 23.7 19.0 28.4



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



#91

Benzo(g,h,i)perylene

Concen: 4.302 ng

RT: 17.85 min Scan# 2637

Delta R.T. -0.05 min

Lab File: BF108355.D

Acq: 21 Aug 2018 23:25

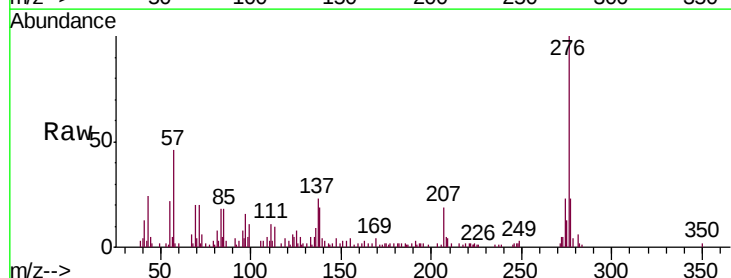
Tgt Ion:276 Resp: 60920

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 18.9 21.8 32.8#



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

