

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118657.D
 Acq On : 22 Jan 2020 9:53
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 11:58:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	371663	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1343946	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	744505	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1398938	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1112995	20.00	ng	0.00
87) Perylene-d12	15.51	264	972330	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1670539	83.48	ng	0.00
7) Phenol-d6	6.50	99	2154824	82.85	ng	0.00
23) Nitrobenzene-d5	7.44	82	1967920	81.90	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	739693	85.90	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3495266	77.16	ng	0.00
79) Terphenyl-d14	12.99	244	4048291	79.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	398273	41.091	ng	96
3) Pyridine	3.42	79	1122055	41.073	ng	95
4) n-Nitrosodimethylamine	3.36	42	421603	35.997	ng	80
6) Aniline	6.54	93	1417679	41.394	ng	98
8) 2-Chlorophenol	6.66	128	939353	41.821	ng	98
9) Benzaldehyde	6.43	77	661200	41.800	ng	94
10) Phenol	6.52	94	1214393	40.970	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	895036	40.699	ng	99
12) 1,3-Dichlorobenzene	6.82	146	1099389	41.818	ng	98
13) 1,4-Dichlorobenzene	6.90	146	1110523	42.080	ng	99
14) 1,2-Dichlorobenzene	7.05	146	1033449	41.657	ng	98
15) Benzyl Alcohol	7.02	79	838076	40.631	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1195038	39.013	ng	99
17) 2-Methylphenol	7.13	107	781160	41.752	ng	97
18) Hexachloroethane	7.40	117	386930	40.434	ng	100
19) n-Nitroso-di-n-propylamine	7.29	70	663173	37.761	ng	98
20) 3+4-Methylphenols	7.28	107	946298	41.426	ng	# 88
22) Acetophenone	7.29	105	1261355	39.619	ng	98
24) Nitrobenzene	7.46	77	1001252	40.697	ng	98
25) Isophorone	7.70	82	1709058	38.997	ng	100
26) 2-Nitrophenol	7.77	139	484634	46.193	ng	98
27) 2,4-Dimethylphenol	7.81	122	698932	38.579	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	1123201	39.776	ng	100
29) 2,4-Dichlorophenol	8.02	162	840346	41.960	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	953225	41.050	ng	99
31) Naphthalene	8.19	128	2590415	42.668	ng	99
32) Benzoic acid	7.92	122	490488	36.074	ng	97
33) 4-Chloroaniline	8.23	127	1176923	41.942	ng	99
34) Hexachlorobutadiene	8.31	225	571578	40.419	ng	99
35) Caprolactam	8.60	113	273282	41.697	ng	90
36) 4-Chloro-3-methylphenol	8.70	107	810585	40.986	ng	98
37) 2-Methylnaphthalene	8.87	142	1794581	41.878	ng	99
38) 1-Methylnaphthalene	8.97	142	1703713	41.848	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	967173	41.518	ng	99

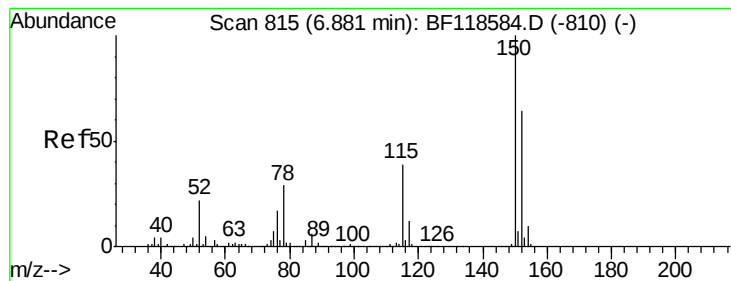
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118657.D
 Acq On : 22 Jan 2020 9:53
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 11:58:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	427149	36.343	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	649758	42.033	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	669890	42.432	ng	97
46) 1,1'-Biphenyl	9.34	154	2197045	42.818	ng	99
47) 2-Chloronaphthalene	9.36	162	1841482	42.579	ng	99
48) 2-Nitroaniline	9.46	65	556985	41.895	ng	86
49) Acenaphthylene	9.78	152	2661974	43.752	ng	98
50) Dimethylphthalate	9.64	163	2053615	42.338	ng	99
51) 2,6-Dinitrotoluene	9.70	165	471939	43.450	ng	# 81
52) Acenaphthene	9.95	154	1741137	42.797	ng	98
53) 3-Nitroaniline	9.86	138	553625	44.638	ng	99
54) 2,4-Dinitrophenol	9.97	184	209139	48.230	ng	# 37
55) Dibenzofuran	10.13	168	2440366	43.284	ng	95
56) 4-Nitrophenol	10.02	139	420979	44.963	ng	90
57) 2,4-Dinitrotoluene	10.10	165	625350	45.670	ng	99
58) Fluorene	10.47	166	1863264	42.097	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	599094	43.144	ng	97
60) Diethylphthalate	10.34	149	1951579	41.497	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	999732	41.530	ng	99
62) 4-Nitroaniline	10.48	138	553779	43.529	ng	94
63) Azobenzene	10.62	77	1844826	40.504	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	289298	47.029	ng	87
66) n-Nitrosodiphenylamine	10.57	169	1728185	40.963	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	690367	39.944	ng	99
68) Hexachlorobenzene	11.02	284	792447	40.442	ng	# 91
69) Atrazine	11.10	200	599770	41.016	ng	99
70) Pentachlorophenol	11.21	266	454608	41.729	ng	98
71) Phenanthrene	11.43	178	2850790	42.240	ng	97
72) Anthracene	11.48	178	2854222	42.740	ng	97
73) Carbazole	11.63	167	2637496	43.058	ng	98
74) Di-n-butylphthalate	11.96	149	2850833	41.890	ng	99
75) Fluoranthene	12.62	202	3051431	42.867	ng	99
77) Benzidine	12.73	184	1130581	38.018	ng	99
78) Pyrene	12.85	202	3125933	41.369	ng	97
80) Butylbenzylphthalate	13.46	149	1274531	41.214	ng	99
81) Benzo(a)anthracene	14.03	228	2799415	41.812	ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	1049256	43.980	ng	99
83) Chrysene	14.07	228	2689557	41.915	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	1531996	40.549	ng	100
85) Di-n-octyl phthalate	14.63	149	2377336	42.510	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	2224489	39.898	ng	99
88) Benzo(b)fluoranthene	15.08	252	2429474	39.751	ng	99
89) Benzo(k)fluoranthene	15.11	252	2432747	42.964	ng	99
90) Benzo(a)pyrene	15.45	252	2162434	41.016	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	1801580	38.631	ng	99
92) Benzo(g,h,i)perylene	17.43	276	1792679	39.590	ng	97

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

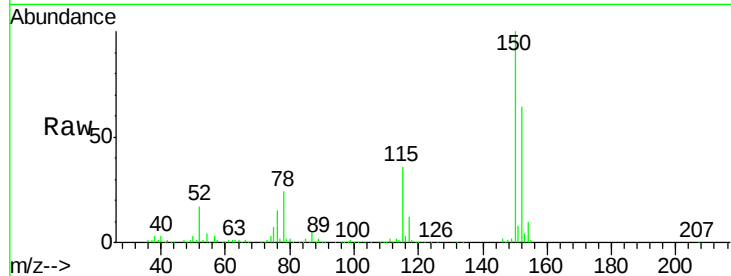


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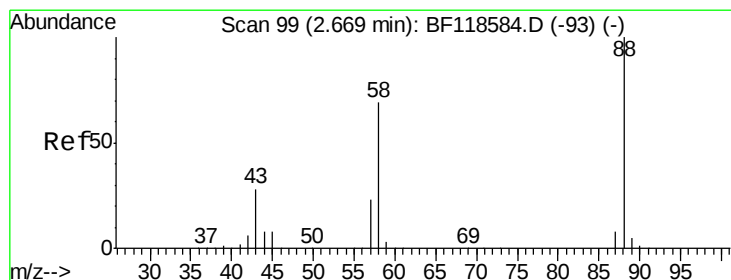
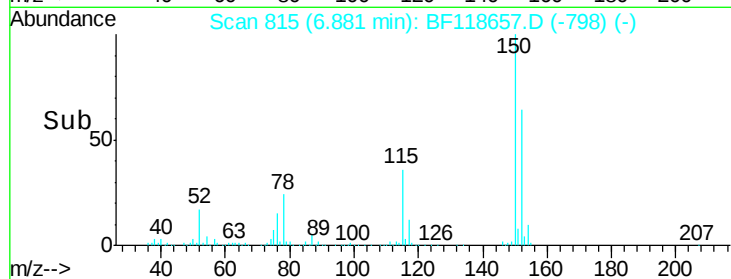
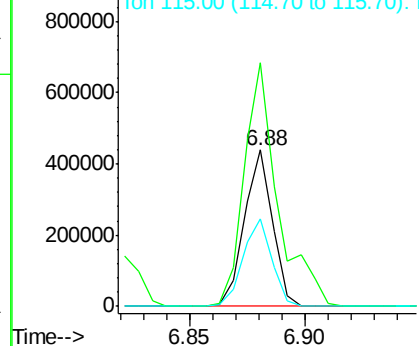
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 371663
Ion Ratio Lower Upper
152 100
150 156.1 125.6 188.4
115 56.4 48.4 72.6



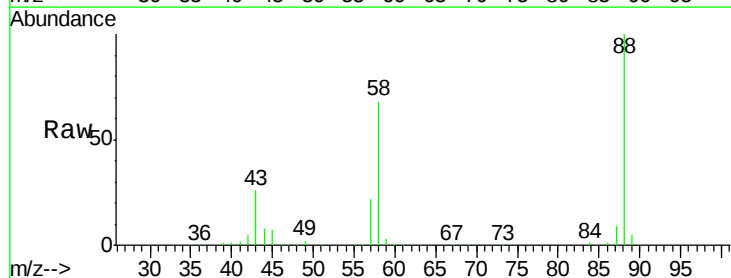
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



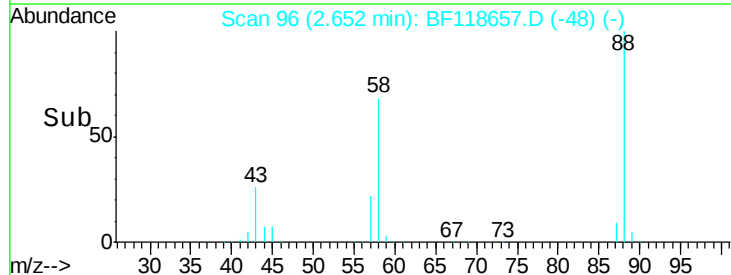
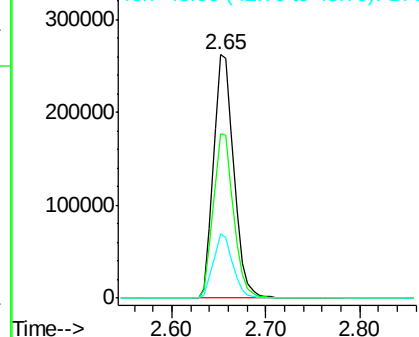
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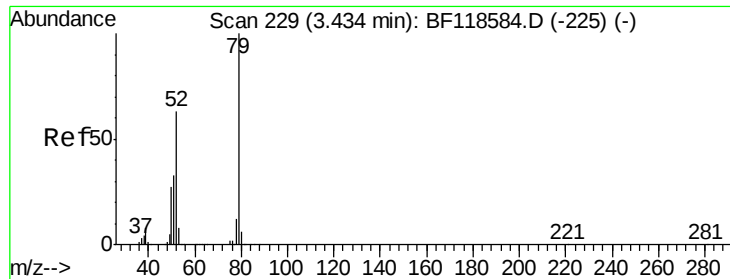
1,4-Dioxane
Concen: 41.091 ng
RT: 2.65 min Scan# 96
Delta R.T. -0.02 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Tgt Ion: 88 Resp: 398273
Ion Ratio Lower Upper
88 100
58 67.5 56.1 84.1
43 25.7 23.0 34.6



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: 41.073 ng

RT: 3.42 min Scan# 226

Delta R.T. -0.02 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Instrument :

BNA_F

ClientSampleId :

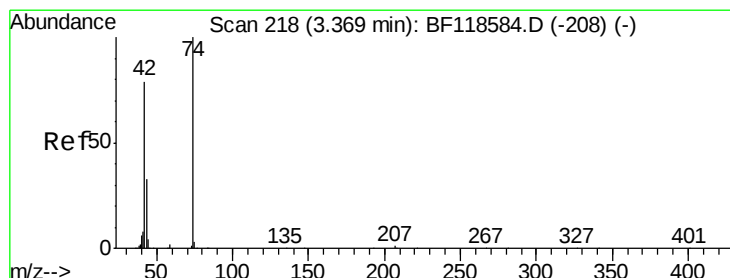
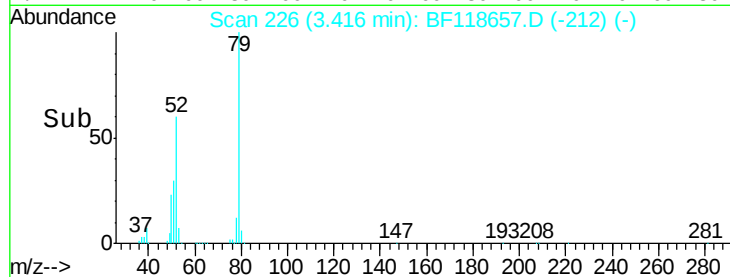
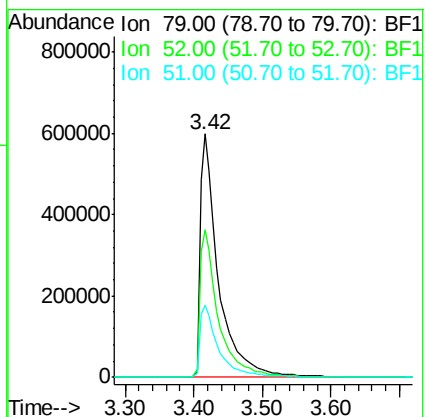
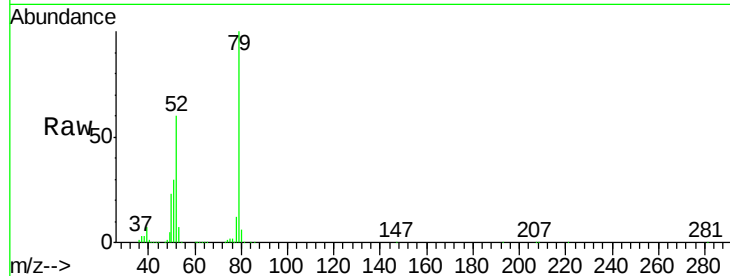
Tot Ion: 79 Resp: 1122055

Ion Ratio Lower Upper

79 100

52 60.4 50.7 76.1

51 29.8 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 35.997 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

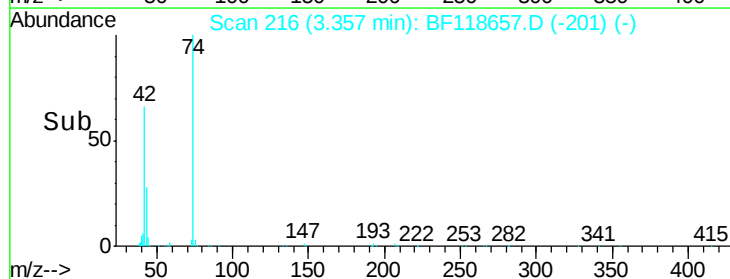
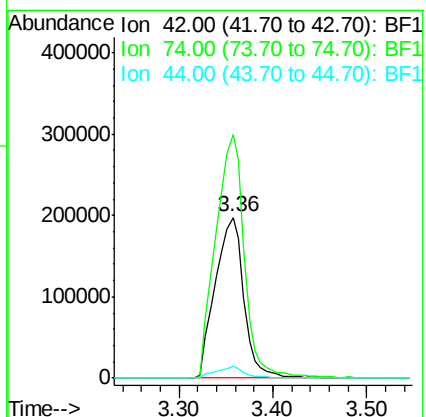
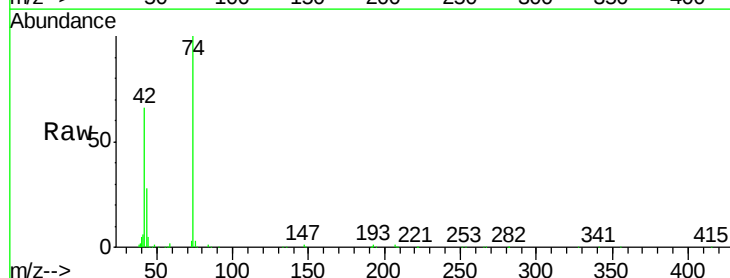
Tgt Ion: 42 Resp: 421603

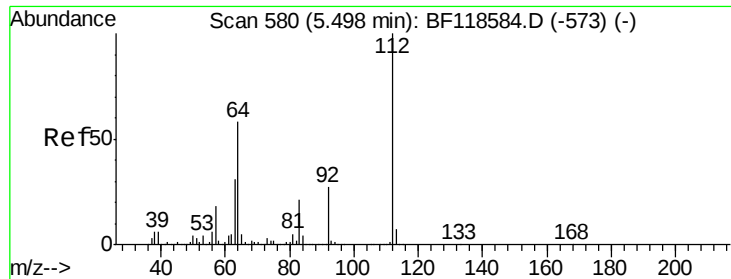
Ion Ratio Lower Upper

42 100

74 151.5 101.6 152.4

44 7.0 4.9 7.3





#5

2-Fluorophenol

Concen: 83.479 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Instrument :

BNA_F

ClientSampleId :

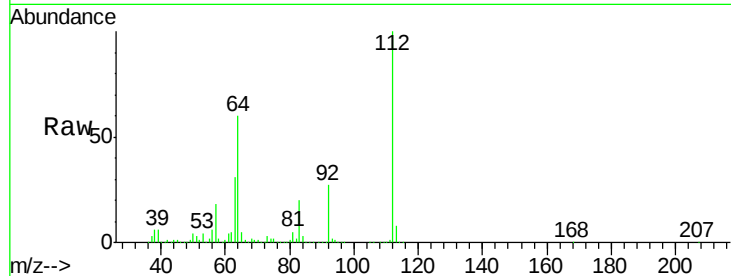
Tot Ion:112 Resp: 1670539

Ion Ratio Lower Upper

112 100

64 59.6 46.6 70.0

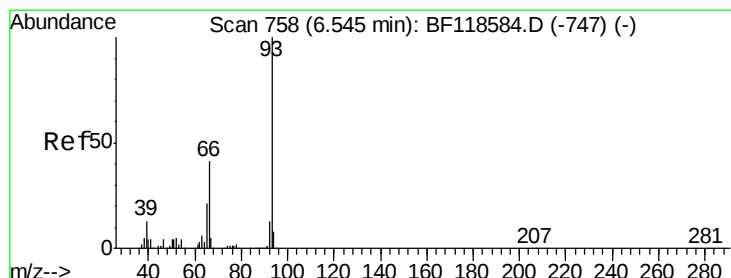
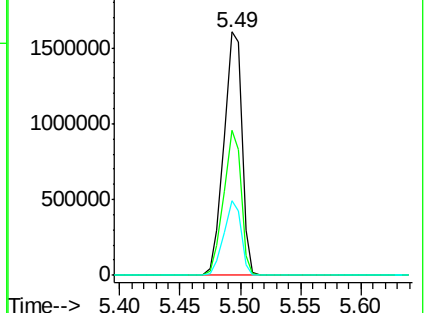
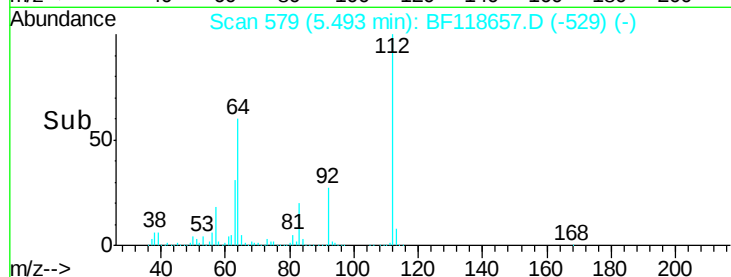
63 30.9 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.394 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

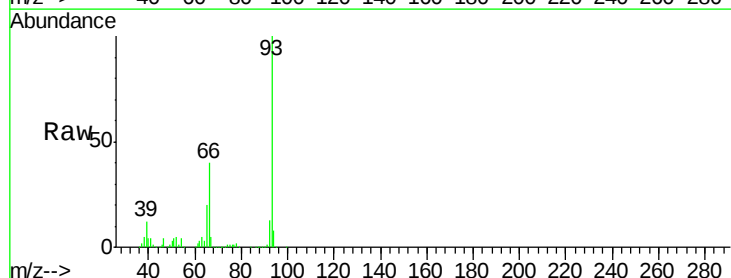
Tgt Ion: 93 Resp: 1417679

Ion Ratio Lower Upper

93 100

66 39.8 32.8 49.2

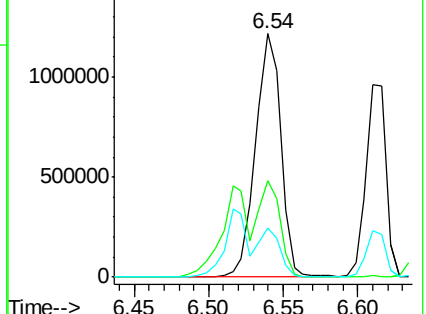
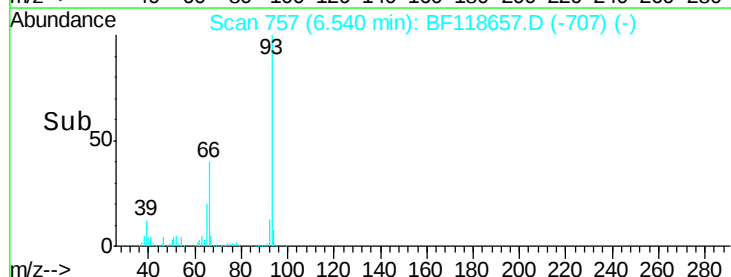
65 20.1 16.5 24.7

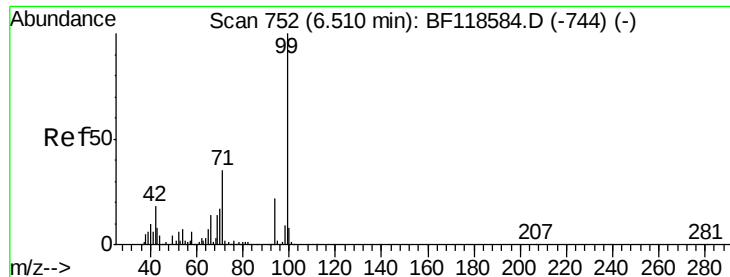


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.847 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

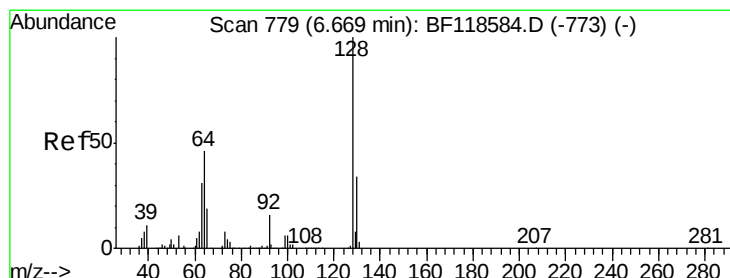
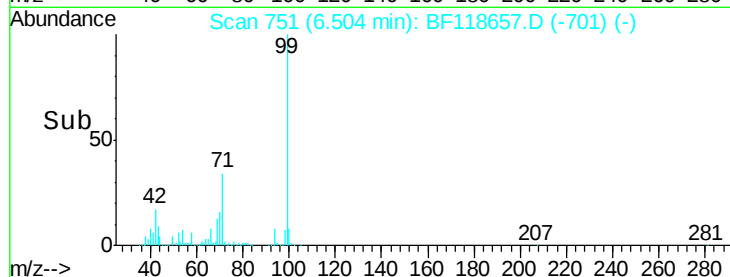
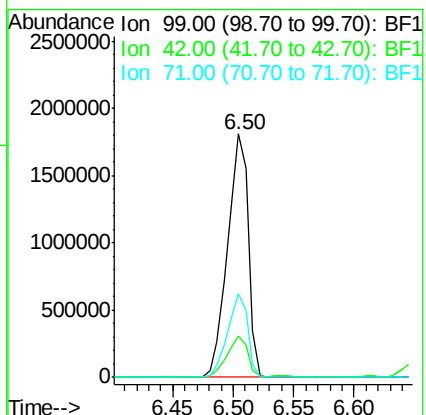
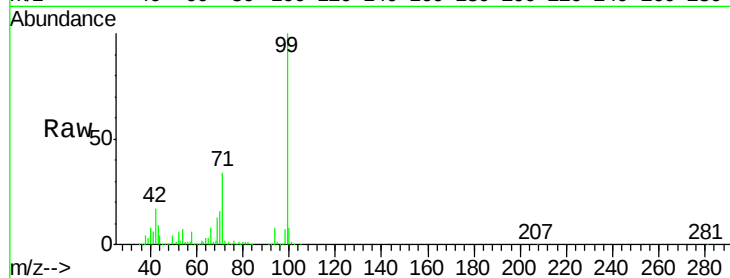
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2154824

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.2	21.2
71	34.3	27.8	41.6



#8

2-Chlorophenol

Concen: 41.821 ng

RT: 6.66 min Scan# 778

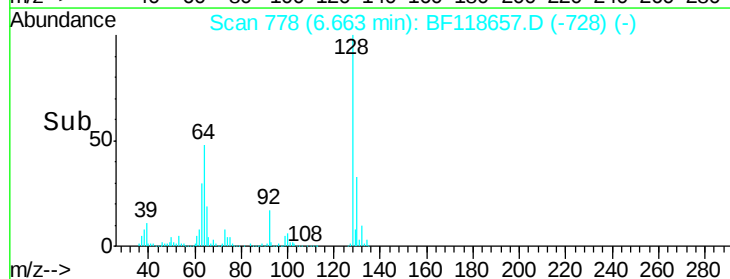
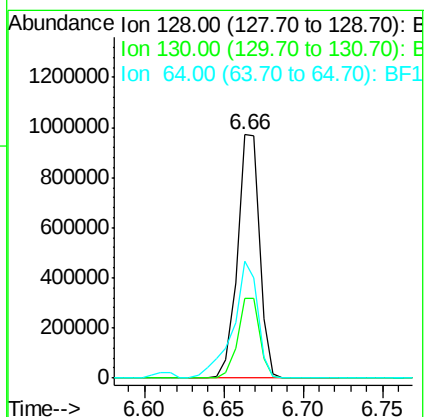
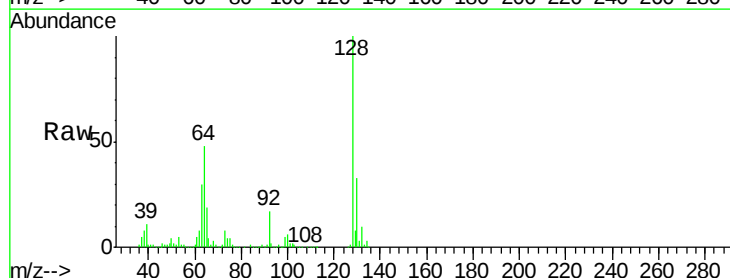
Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Tgt Ion: 128 Resp: 939353

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.6	53.6
64	48.2	26.4	66.4





#9

Benzaldehyde

Concen: 41.800 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Instrument :

BNA_F

ClientSampleId :

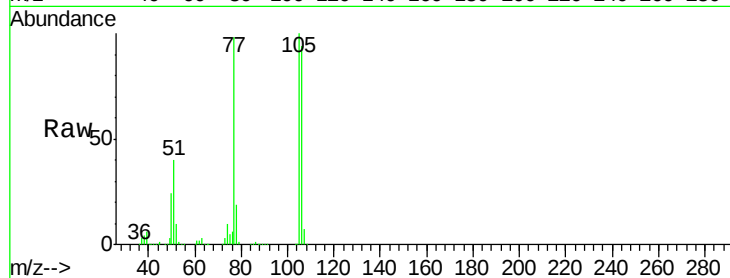
Tot Ion: 77 Resp: 661200

Ion Ratio Lower Upper

77 100

105 101.5 73.5 113.5

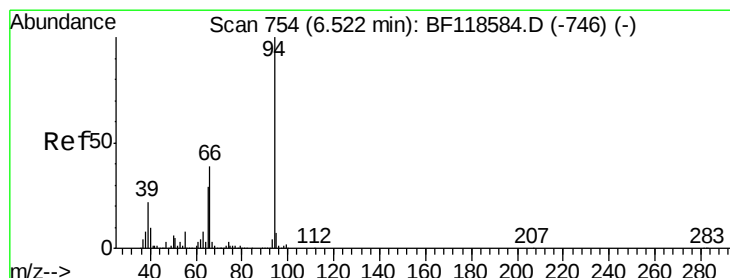
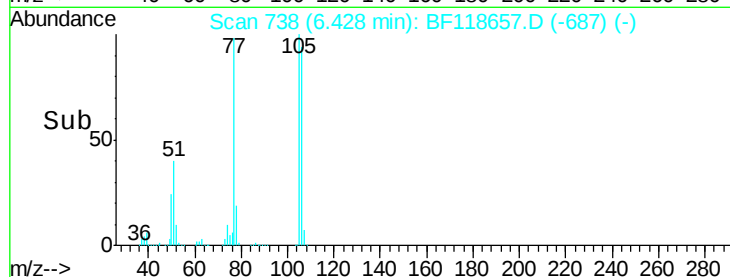
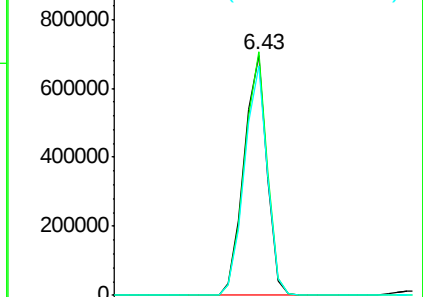
106 95.7 71.9 111.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.970 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

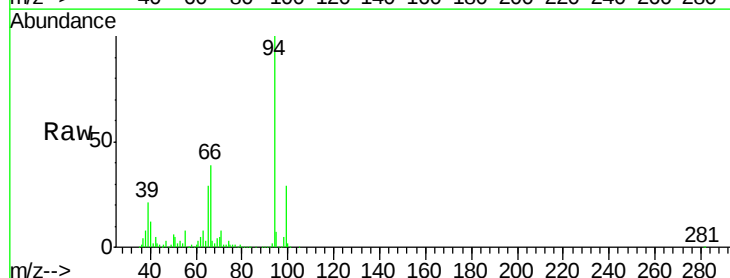
Tgt Ion: 94 Resp: 1214393

Ion Ratio Lower Upper

94 100

65 28.6 9.5 49.5

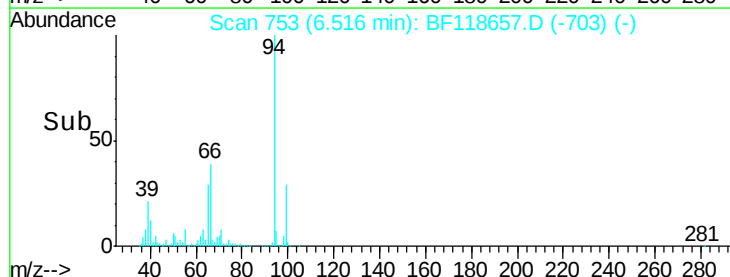
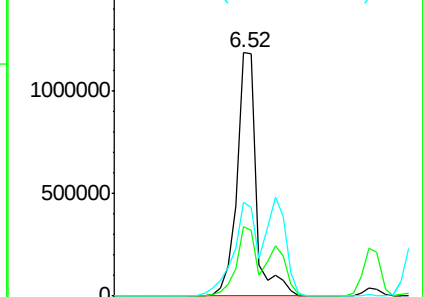
66 38.7 18.5 58.5

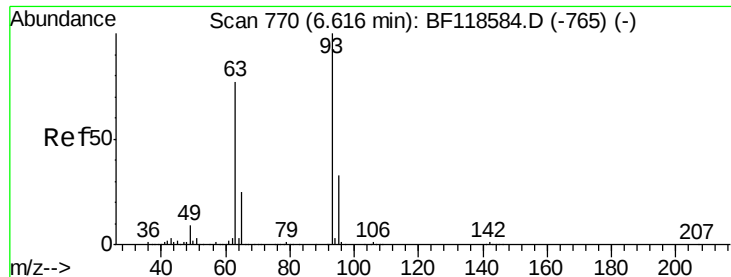


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.699 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Instrument :

BNA_F

ClientSampleId :

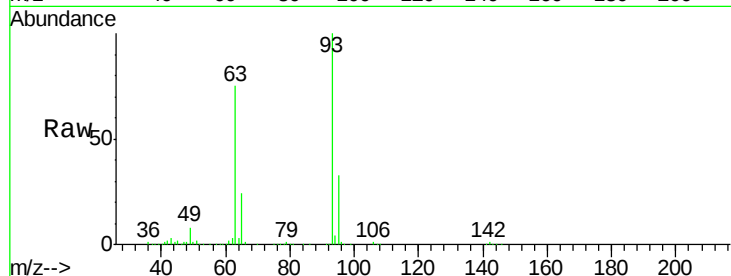
Tot Ion: 93 Resp: 895036

Ion Ratio Lower Upper

93 100

63 75.5 56.3 96.3

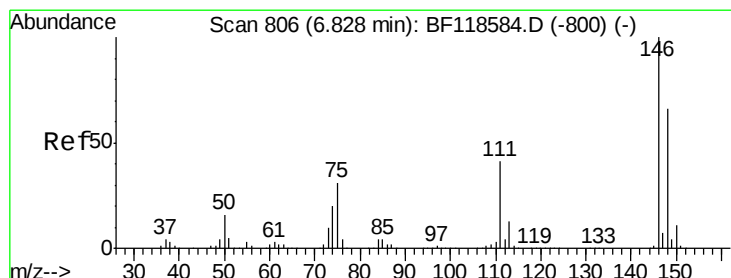
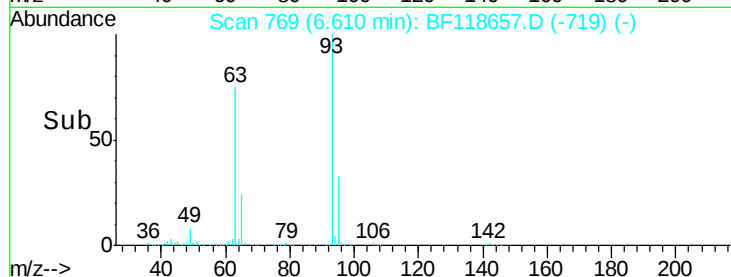
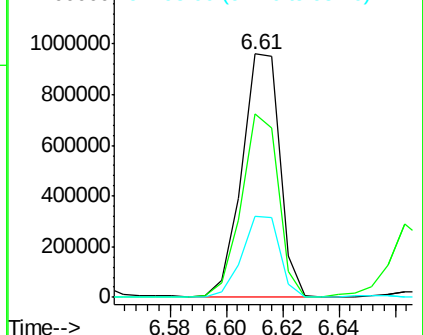
95 33.2 13.3 53.3



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: 41.818 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

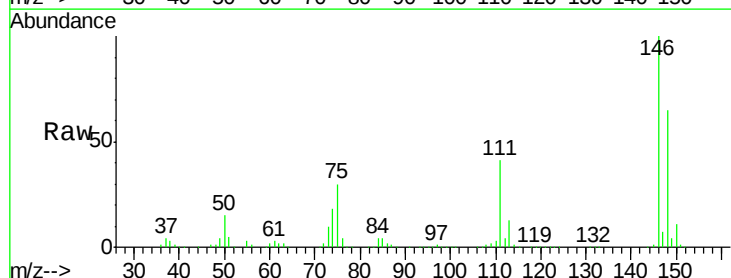
Tgt Ion:146 Resp: 1099389

Ion Ratio Lower Upper

146 100

148 64.6 53.0 79.6

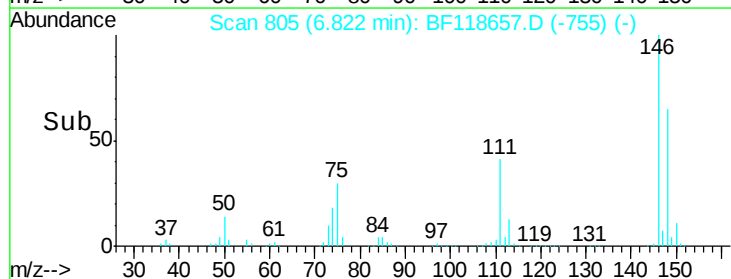
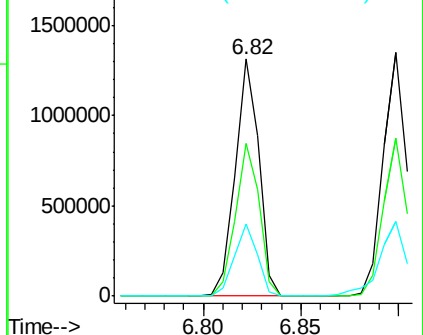
75 30.5 25.1 37.7

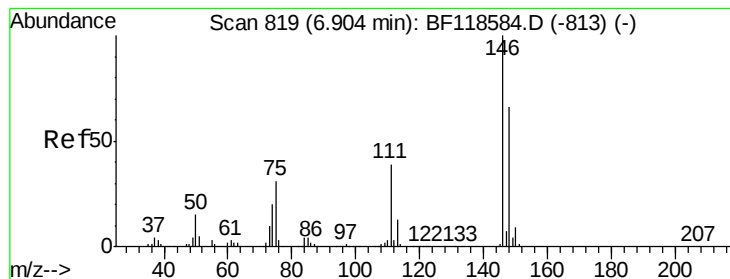


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.080 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Instrument :

BNA_F

ClientSampleId :

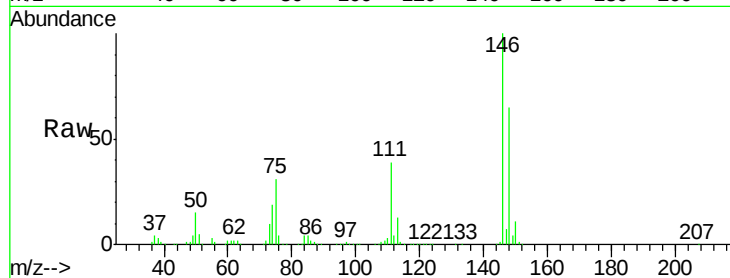
Tot Ion:146 Resp: 1110523

Ion Ratio Lower Upper

146 100

148 64.7 52.4 78.6

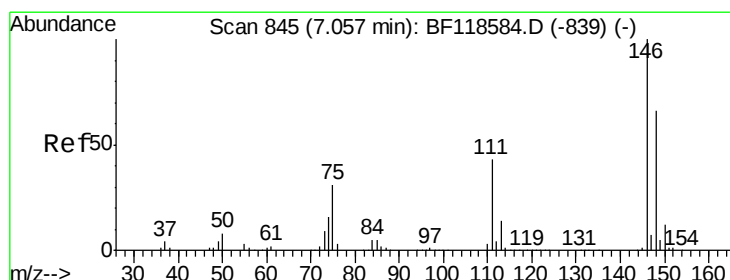
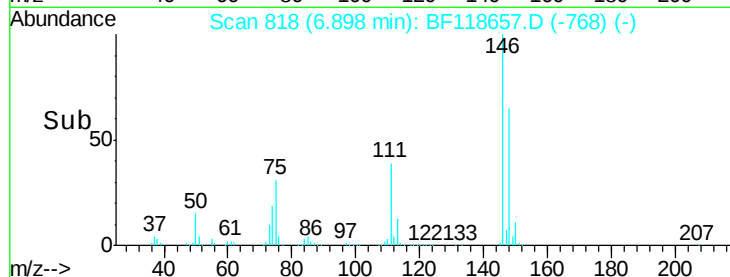
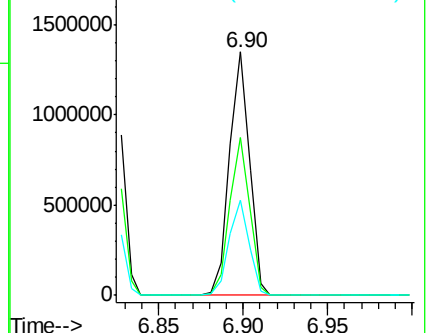
111 39.3 31.6 47.4



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: 41.657 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

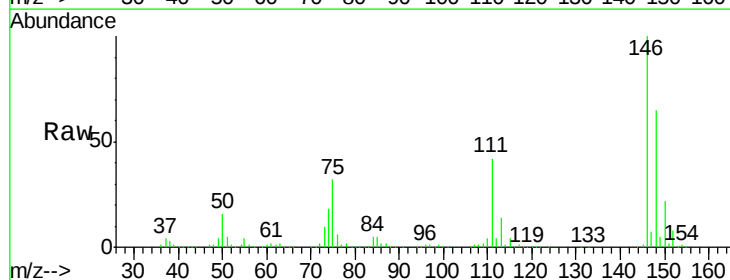
Tgt Ion:146 Resp: 1033449

Ion Ratio Lower Upper

146 100

148 64.8 52.7 79.1

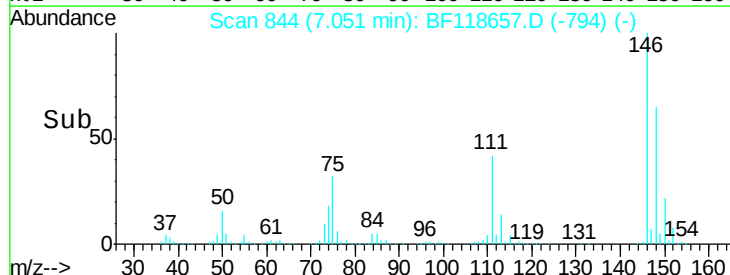
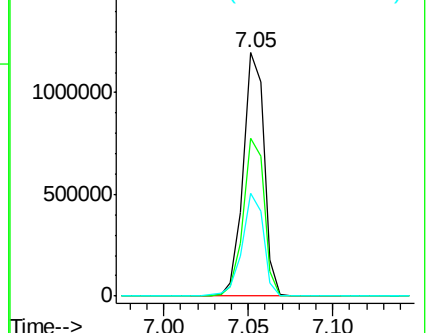
111 42.0 34.6 52.0

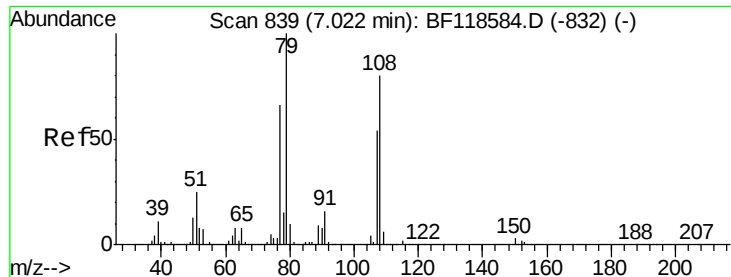


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

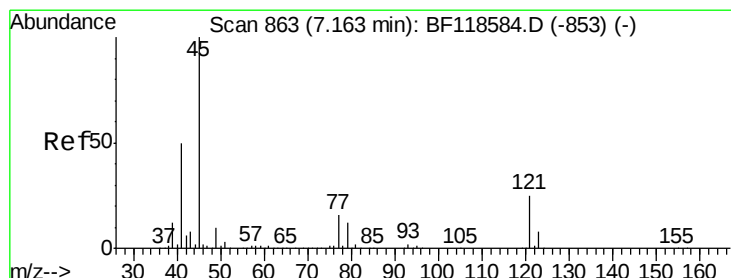
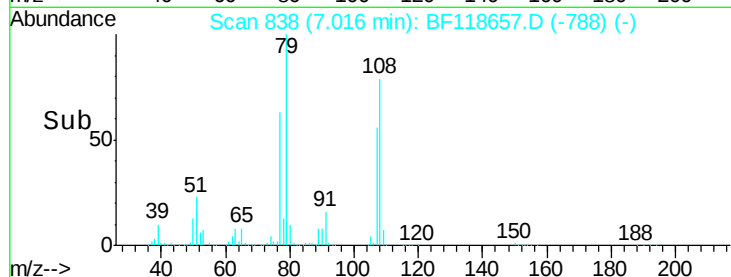
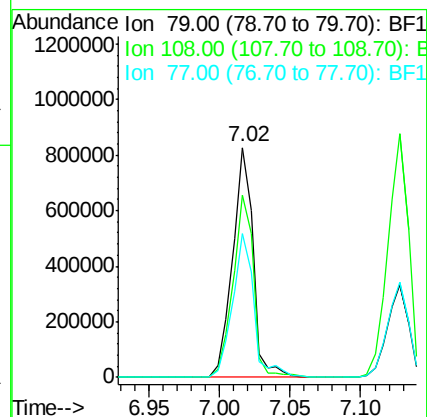
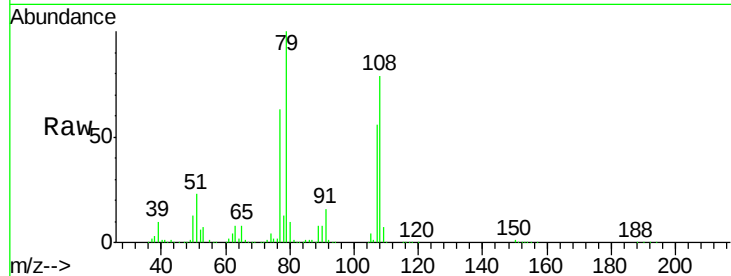




#15
Benzyl Alcohol
Concen: 40.631 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

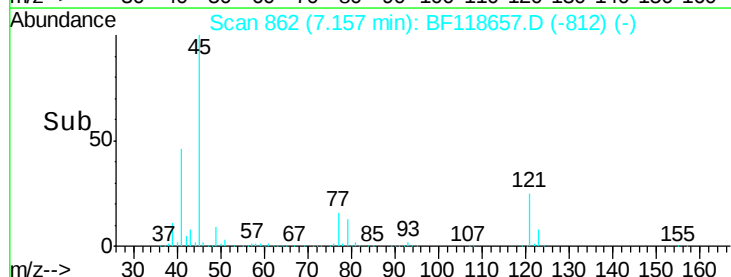
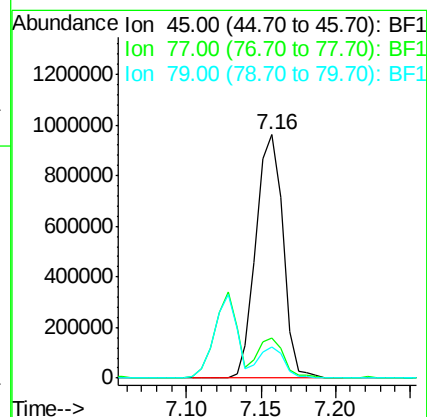
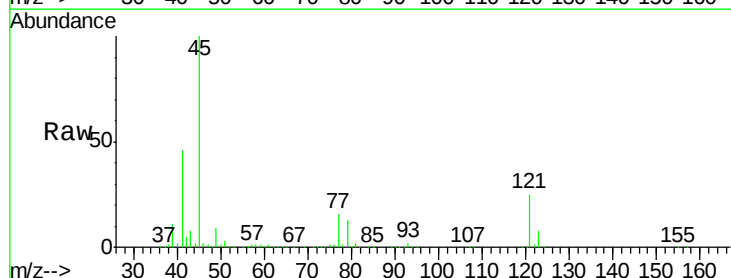
Instrument :
BNA_F
ClientSampled :

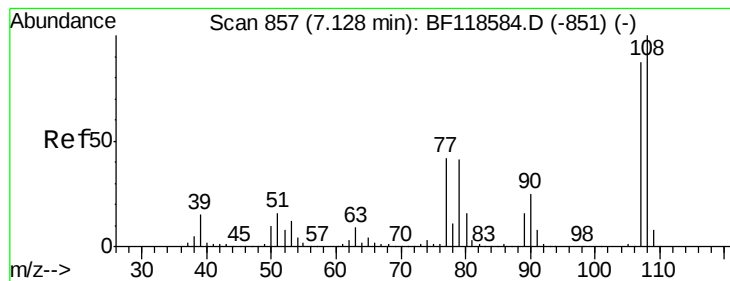
Tot Ion: 79 Resp: 838076
Ion Ratio Lower Upper
79 100
108 79.2 63.6 95.4
77 62.6 52.5 78.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.013 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Tgt Ion: 45 Resp: 1195038
Ion Ratio Lower Upper
45 100
77 16.5 0.0 36.1
79 12.8 0.0 32.4

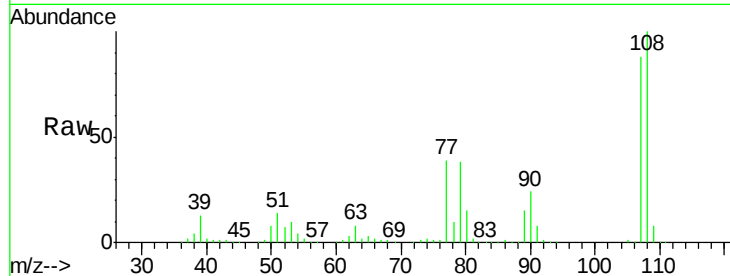




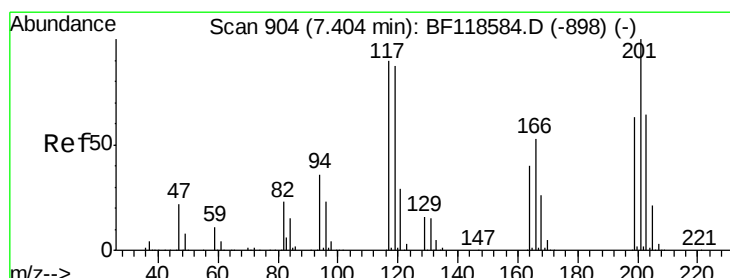
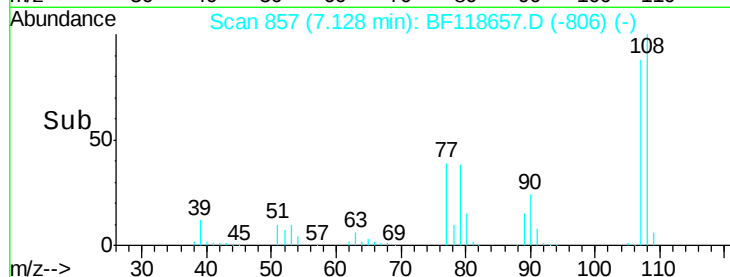
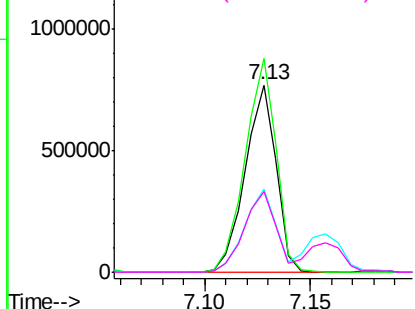
#17
2-Methylphenol
Concen: 41.752 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.5	137.3
77	44.3	38.7	58.1
79	43.3	37.7	56.5

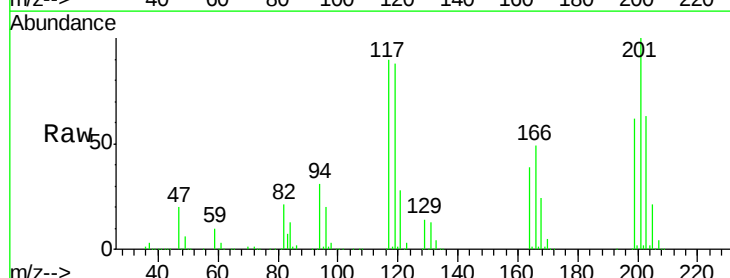


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

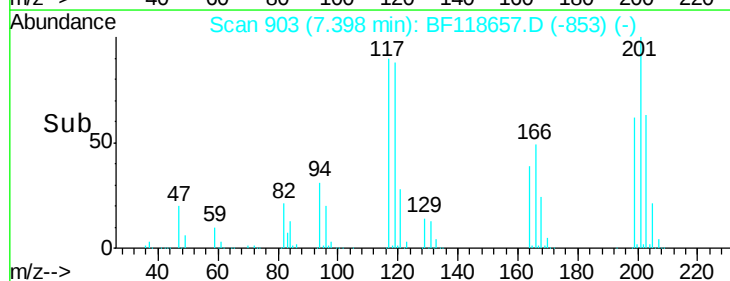
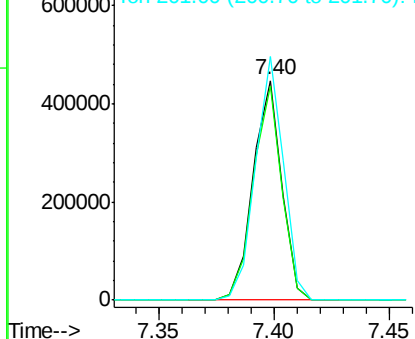


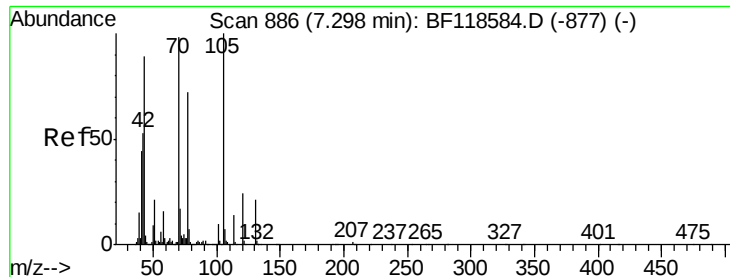
#18
Hexachloroethane
Concen: 40.434 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.6	116.4
201	111.0	88.8	133.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

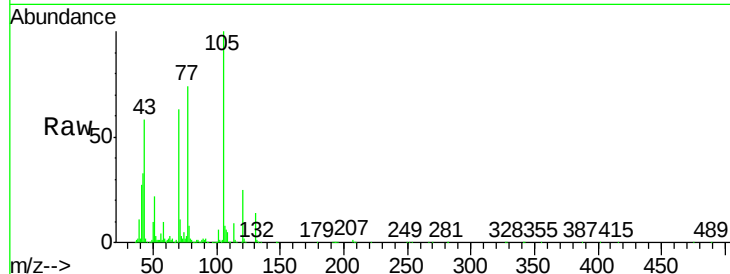




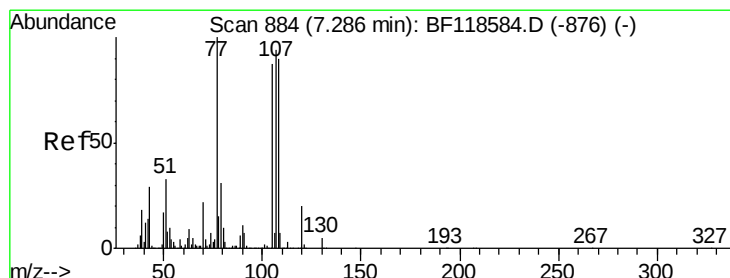
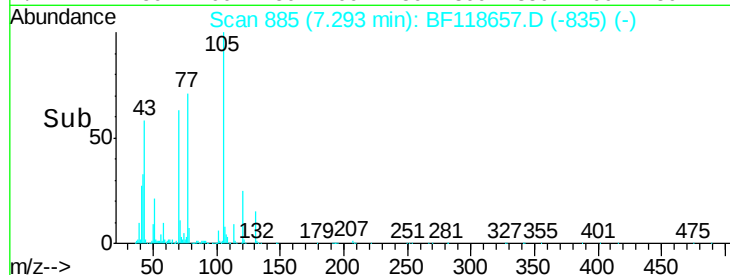
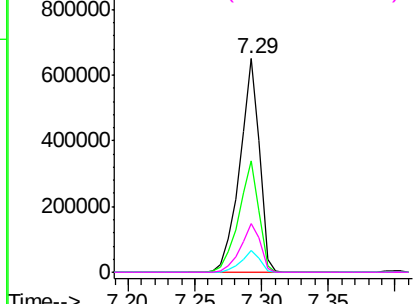
#19
n-Nitroso-di-n-propylamine
Concen: 37.761 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	663173
Ion	Ratio	Lower	Upper
70	100		
42	52.2	43.4	65.0
101	10.1	8.1	12.1
130	23.0	17.6	26.4

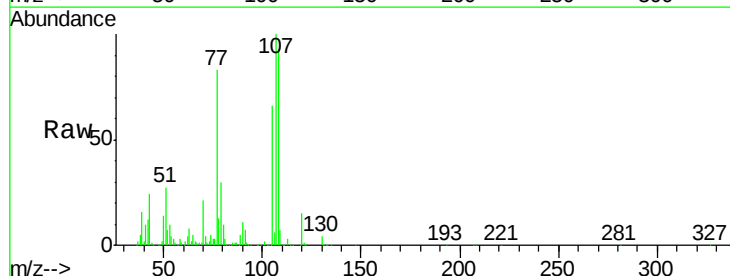


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

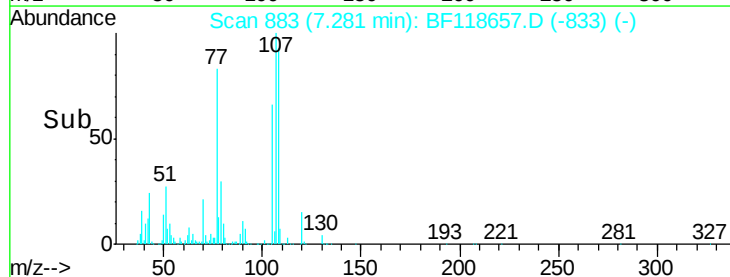
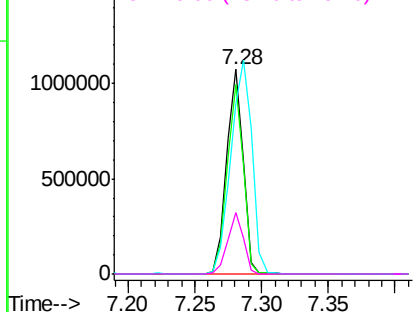


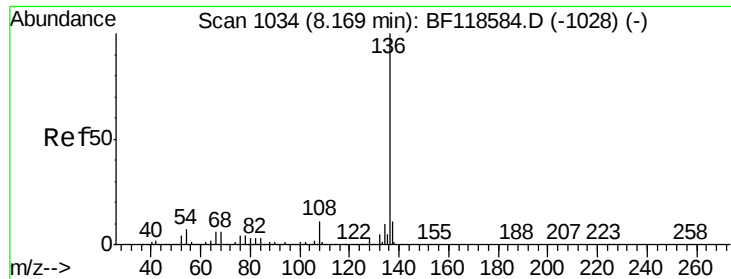
#20
3+4-Methylphenols
Concen: 41.426 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Tgt Ion:	107	Resp:	946298
Ion	Ratio	Lower	Upper
107	100		
108	92.6	75.8	115.8
77	83.3	86.5	126.5#
79	29.9	12.9	52.9



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1343946

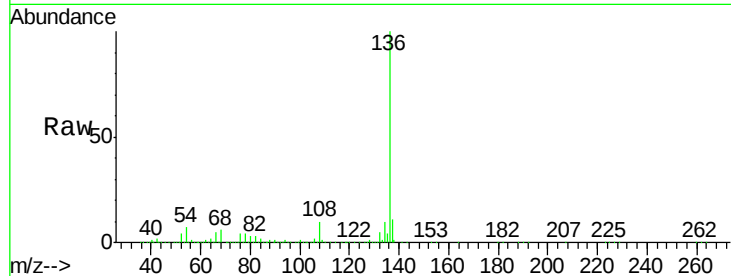
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.2 5.8 8.6

68 6.4 5.0 7.4

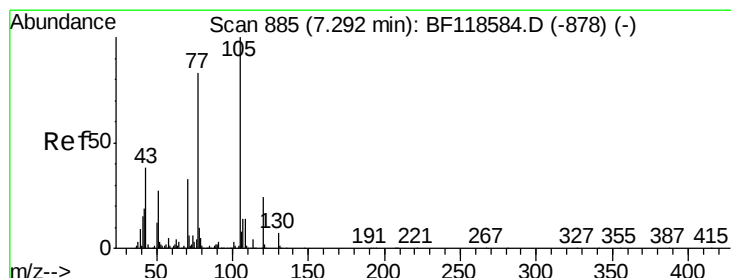
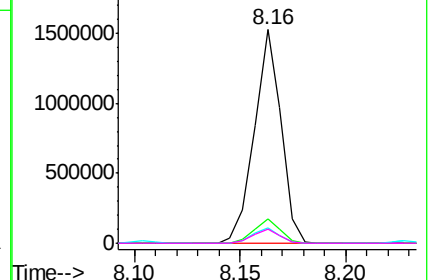
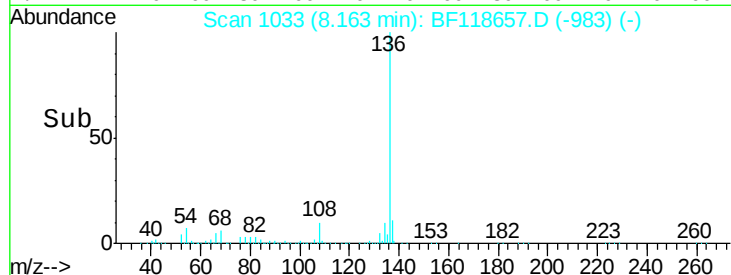


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.619 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Tgt Ion:105 Resp: 1261355

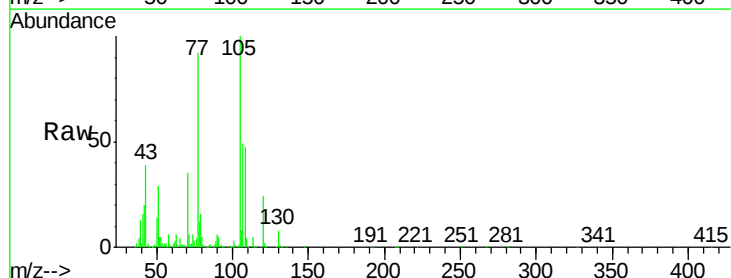
Ion Ratio Lower Upper

105 100

71 6.1 4.5 6.7

51 29.2 21.5 32.3

120 23.8 19.0 28.6

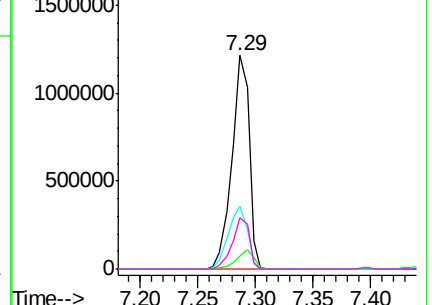
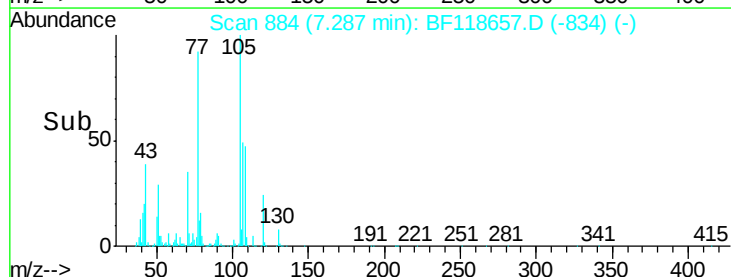


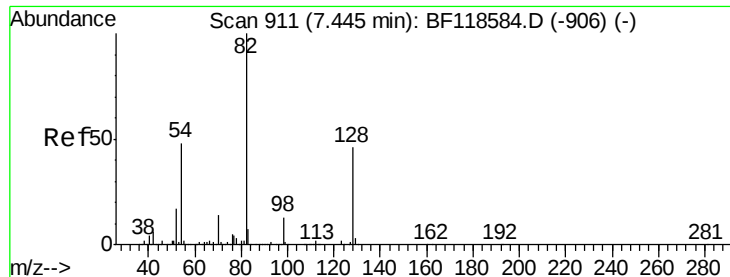
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

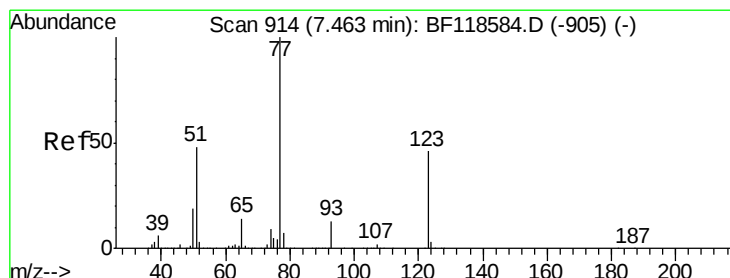
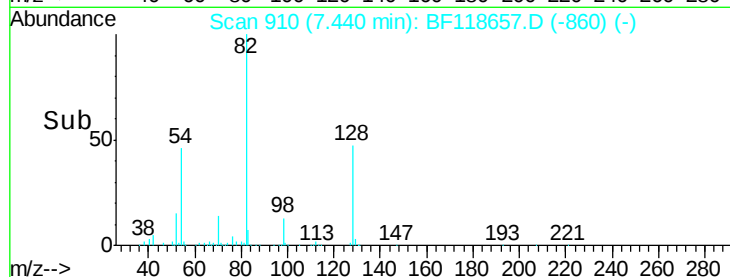
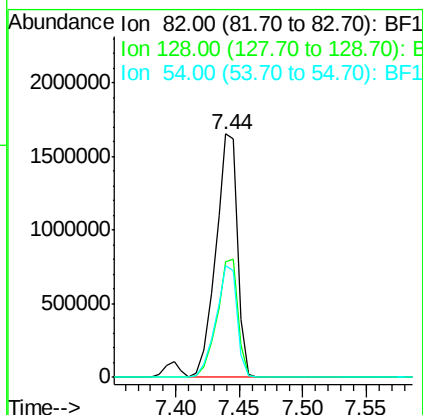
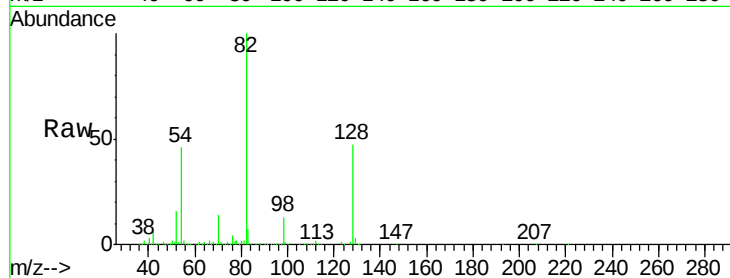




#23
 Nitrobenzene-d5
 Concen: 81.903 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF118657.D
 Acq: 22 Jan 2020 9:53

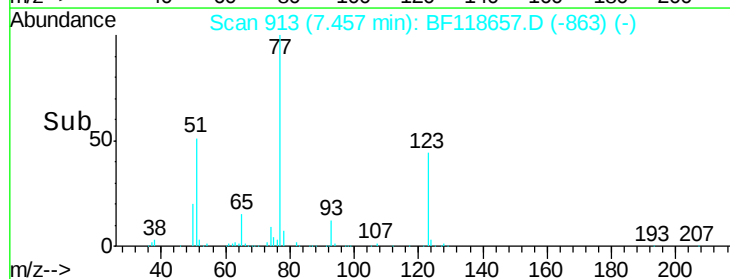
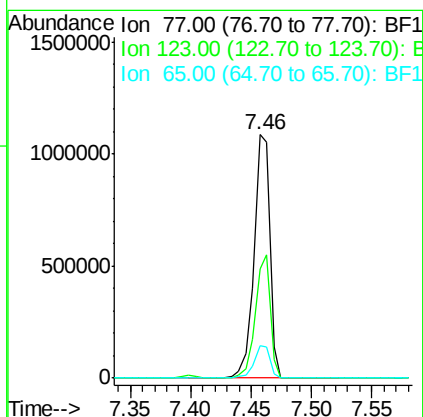
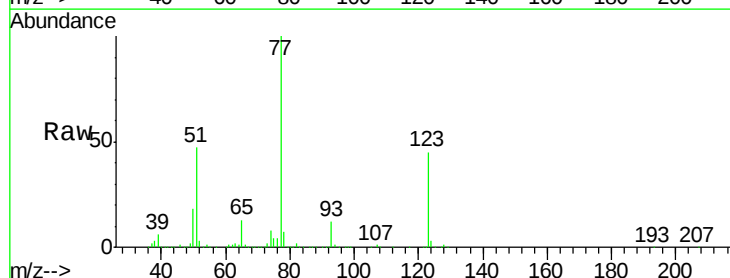
Instrument :
 BNA_F
 ClientSampled :

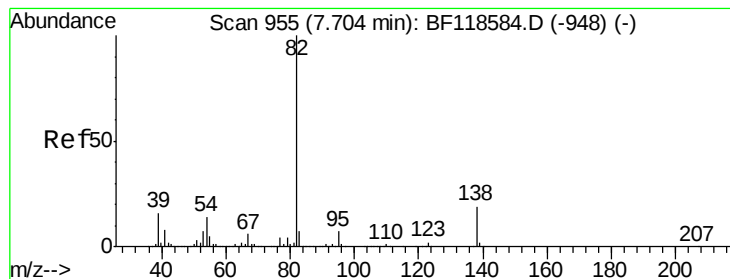
Tot Ion: 82 Resp: 1967920
 Ion Ratio Lower Upper
 82 100
 128 47.3 36.6 54.8
 54 46.1 38.0 57.0



#24
 Nitrobenzene
 Concen: 40.697 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF118657.D
 Acq: 22 Jan 2020 9:53

Tgt Ion: 77 Resp: 1001252
 Ion Ratio Lower Upper
 77 100
 123 45.0 37.0 55.4
 65 13.4 11.1 16.7





#25

Isophorone

Concen: 38.997 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Instrument :

BNA_F

ClientSampleId :

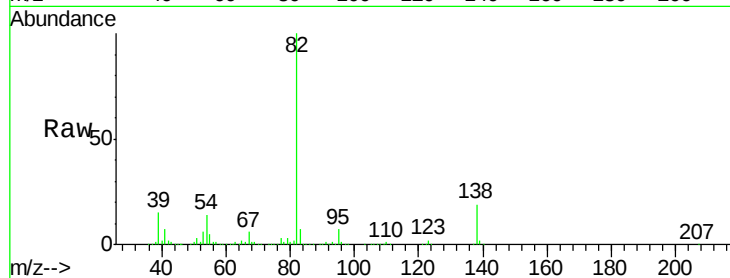
Tot Ion: 82 Resp: 1709058

Ion Ratio Lower Upper

82 100

95 7.2 5.9 8.9

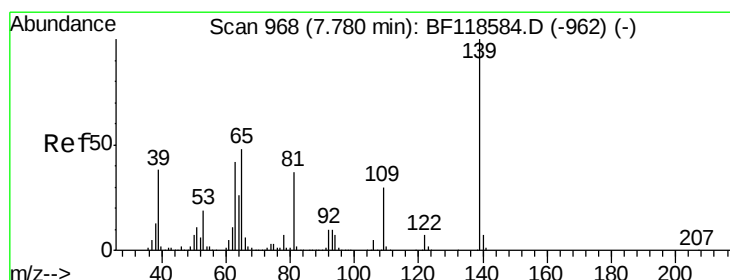
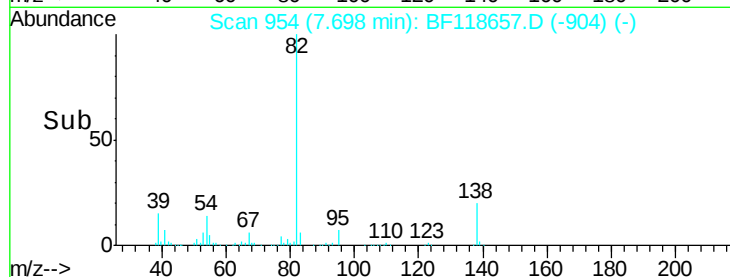
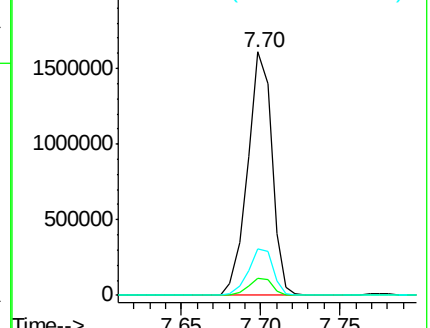
138 19.1 15.3 22.9



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: 46.193 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

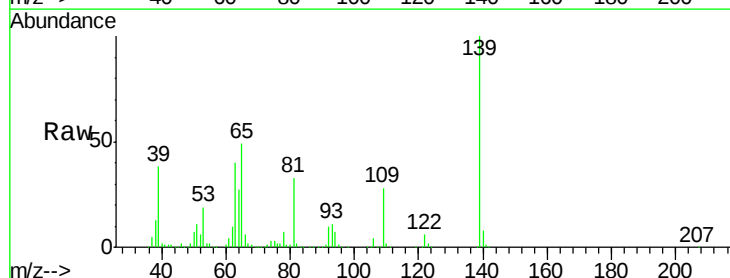
Tgt Ion: 139 Resp: 484634

Ion Ratio Lower Upper

139 100

109 28.3 23.8 35.8

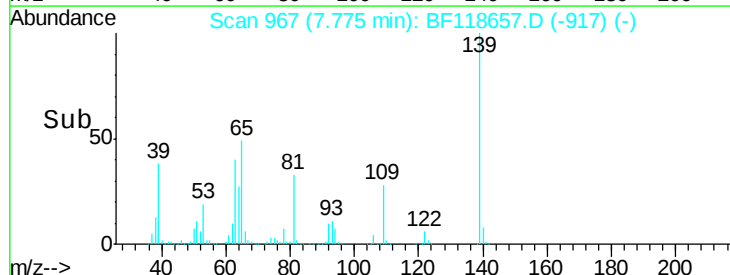
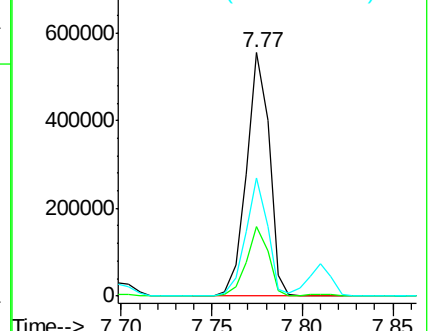
65 48.8 38.5 57.7

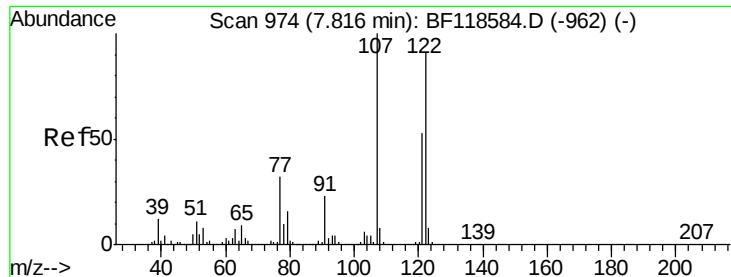


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.579 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Instrument :

BNA_F

ClientSampleId :

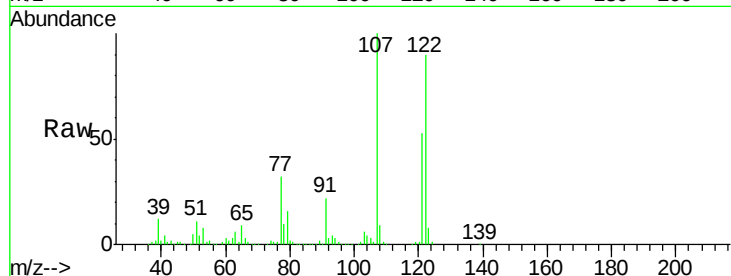
Tot Ion:122 Resp: 698932

Ion Ratio Lower Upper

122 100

107 110.9 88.0 132.0

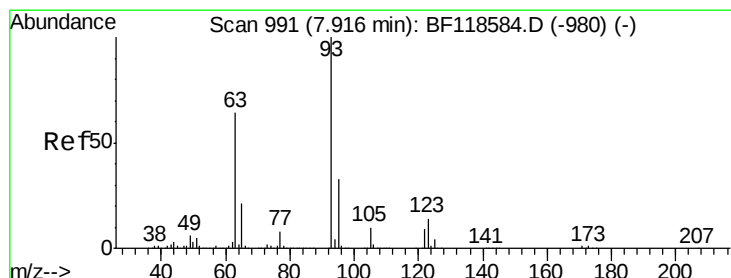
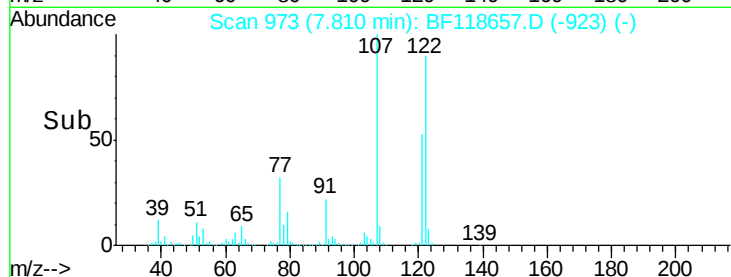
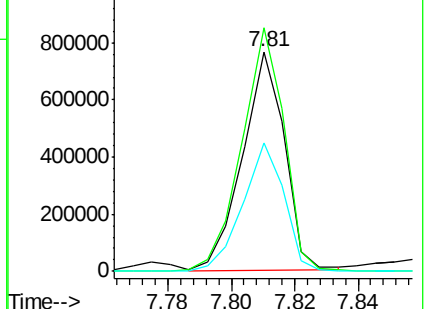
121 58.6 46.3 69.5



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: 39.776 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

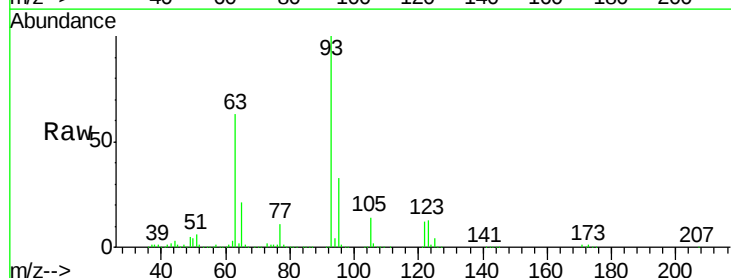
Tgt Ion: 93 Resp: 1123201

Ion Ratio Lower Upper

93 100

95 33.5 26.7 40.1

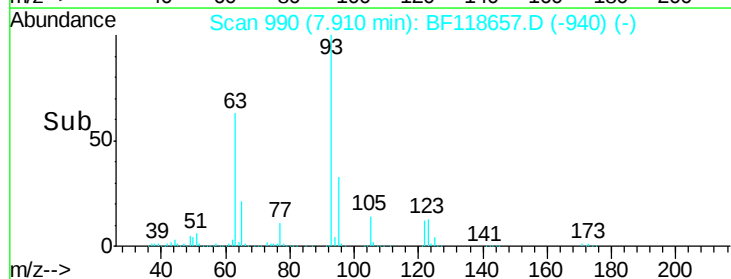
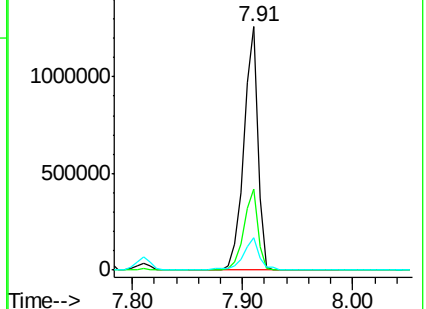
123 13.5 11.0 16.6

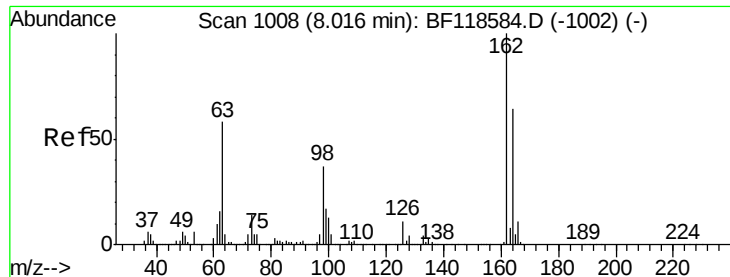


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

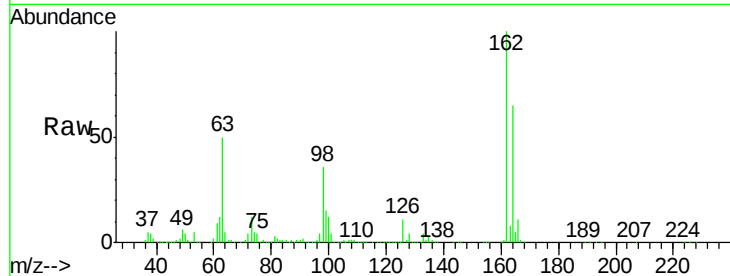




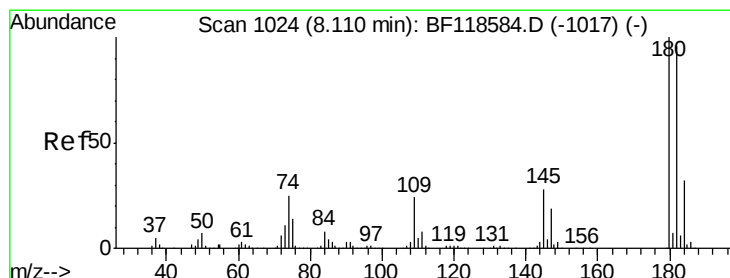
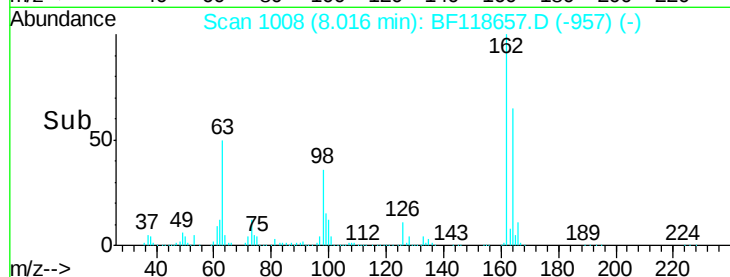
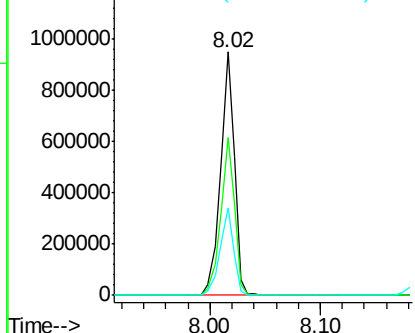
#29
2,4-Dichlorophenol
Concen: 41.960 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 840346
Ion Ratio Lower Upper
162 100
164 65.0 44.3 84.3
98 35.7 17.5 57.5

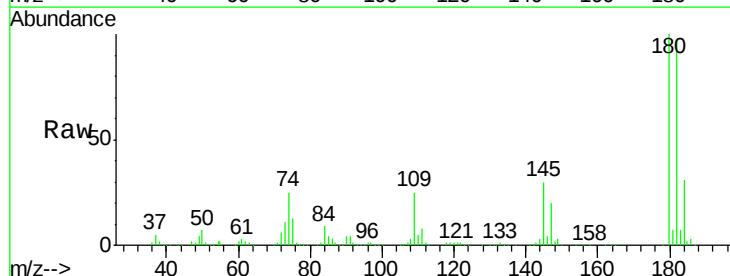


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

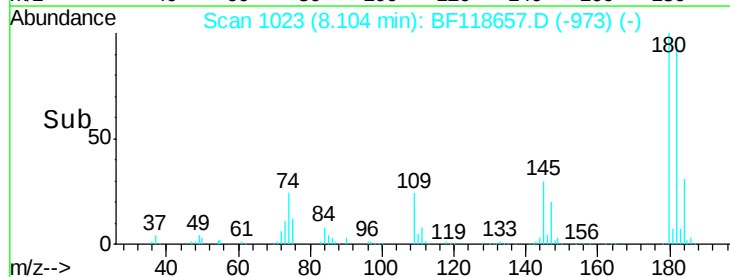
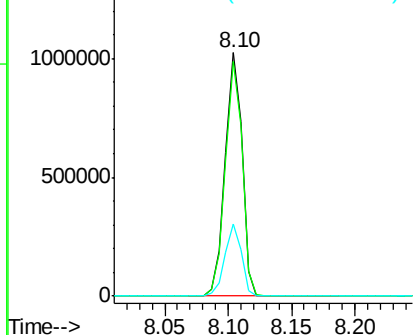


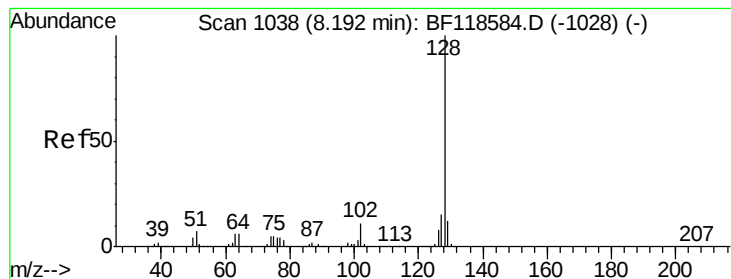
#30
1,2,4-Trichlorobenzene
Concen: 41.050 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Tgt Ion:180 Resp: 953225
Ion Ratio Lower Upper
180 100
182 96.6 76.9 115.3
145 29.6 22.8 34.2



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





#31

Naphthalene

Concen: 42.668 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Instrument :

BNA_F

ClientSampleId :

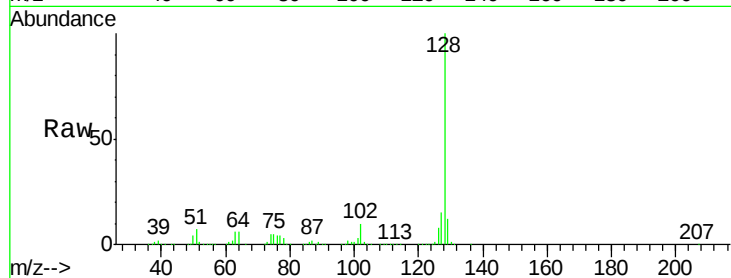
Tot Ion:128 Resp: 2590415

Ion Ratio Lower Upper

128 100

129 12.4 9.9 14.9

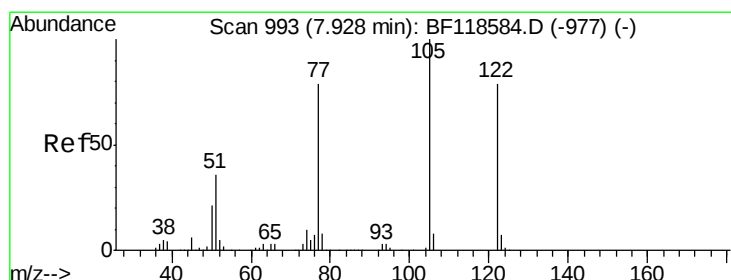
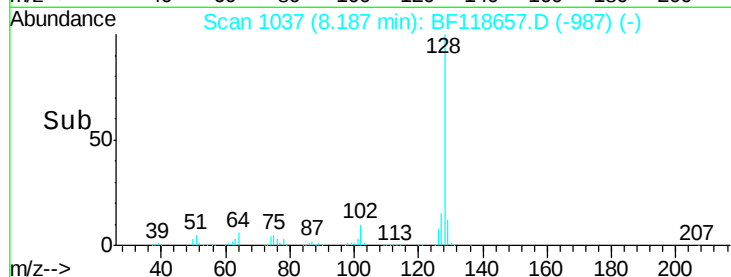
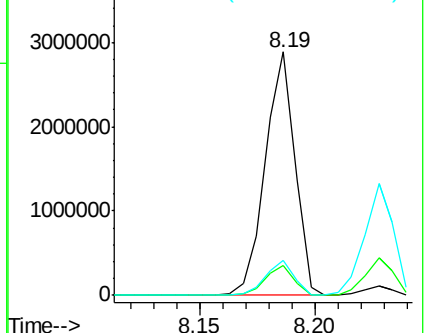
127 14.6 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.074 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

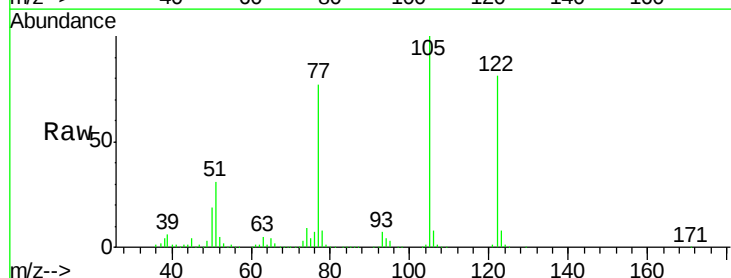
Tgt Ion:122 Resp: 490488

Ion Ratio Lower Upper

122 100

105 123.2 104.3 144.3

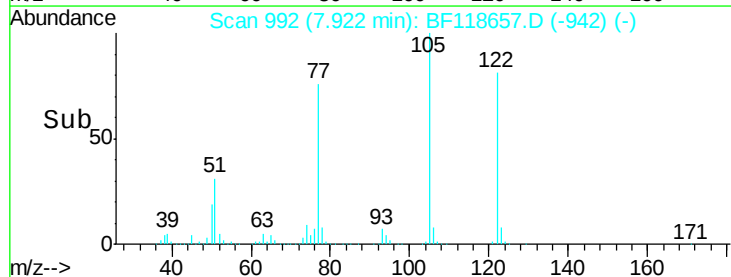
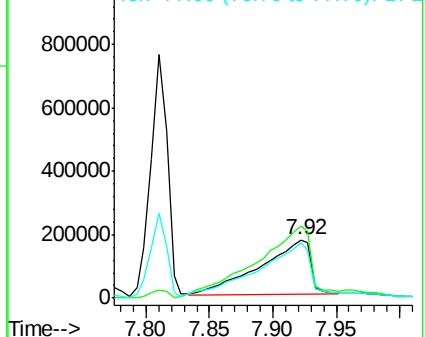
77 94.4 79.4 119.4

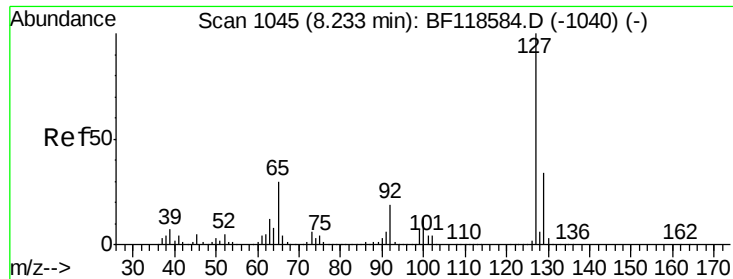


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

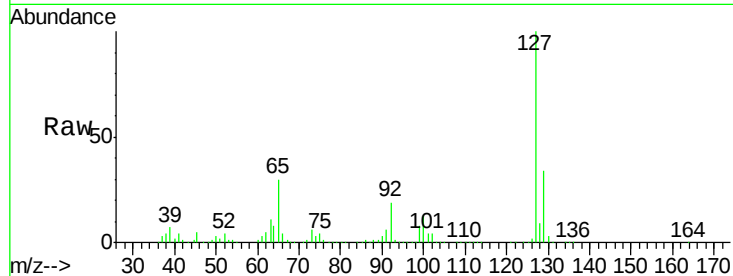




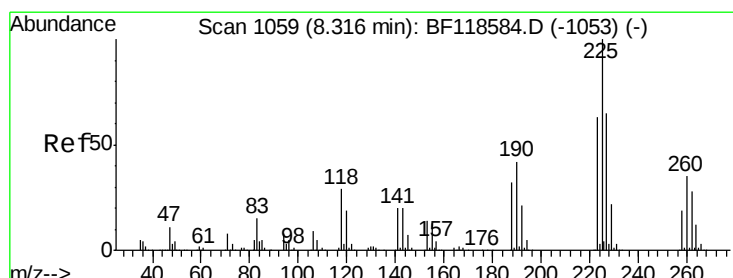
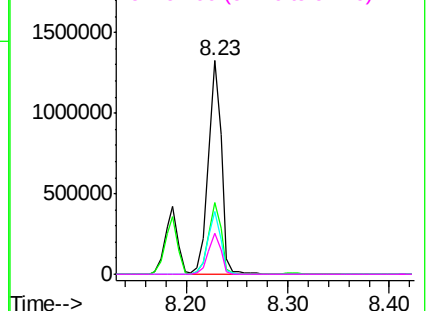
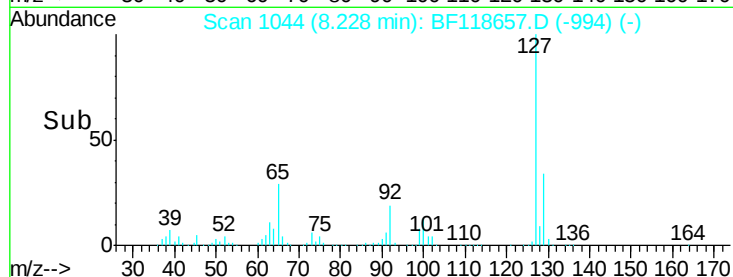
#33
4-Chloroaniline
Concen: 41.942 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	1176923
Ion	Ratio	Lower	Upper
127	100		
129	33.6	27.4	41.0
65	29.6	23.6	35.4
92	19.3	15.0	22.4

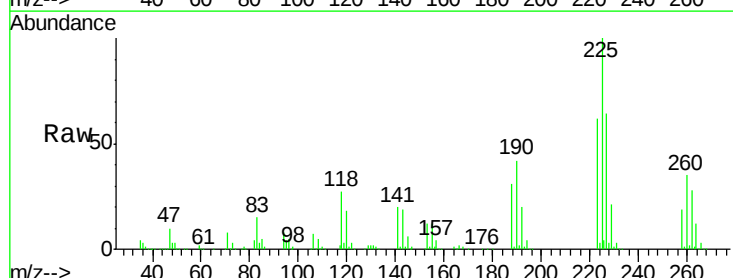


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

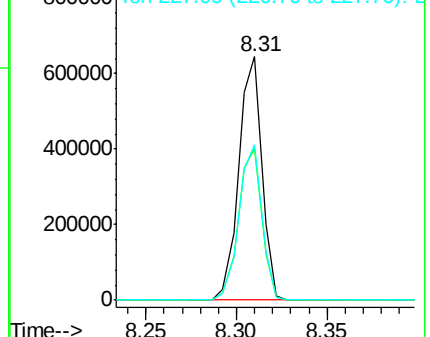
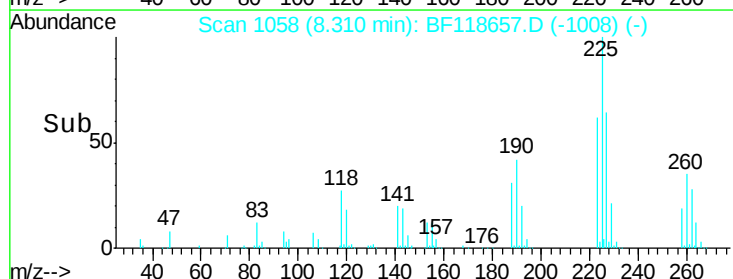


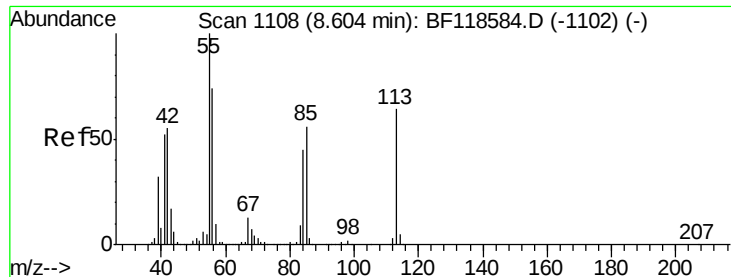
#34
Hexachlorobutadiene
Concen: 40.419 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Tgt Ion:	225	Resp:	571578
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.2	75.4
227	63.6	52.1	78.1



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

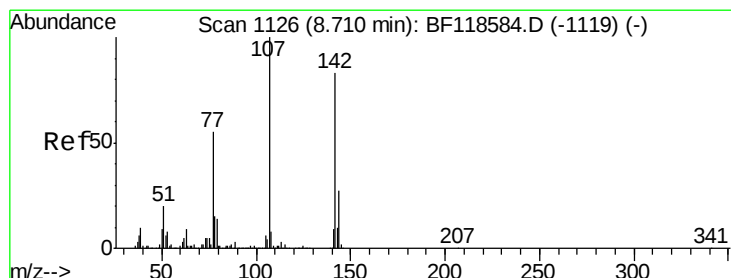
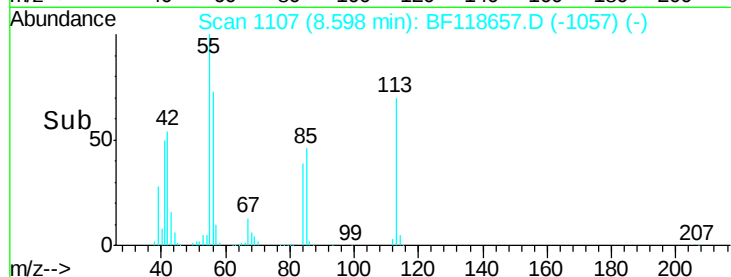
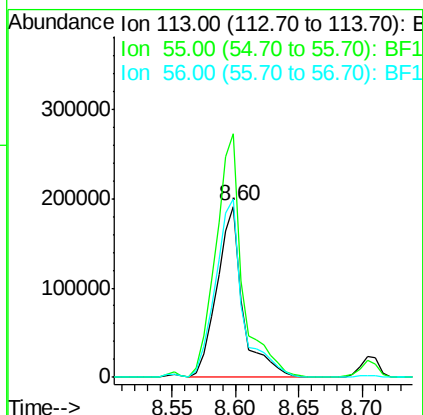
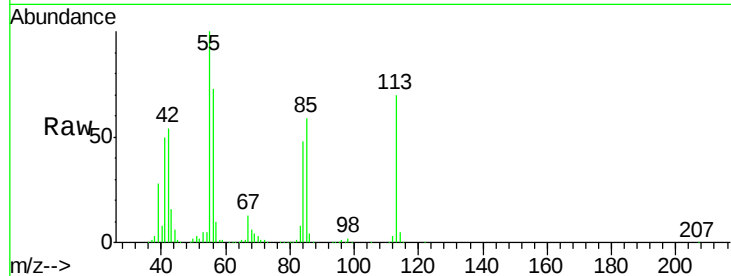




#35
Caprolactam
Concen: 41.697 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

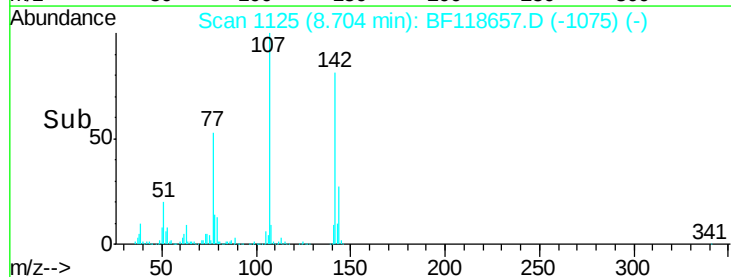
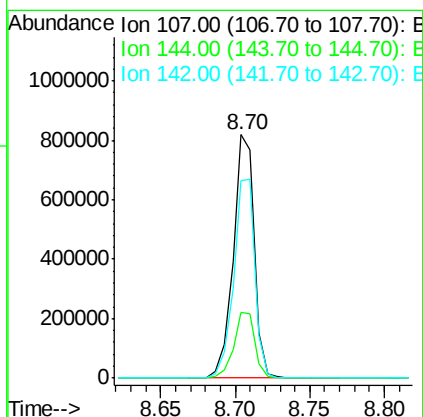
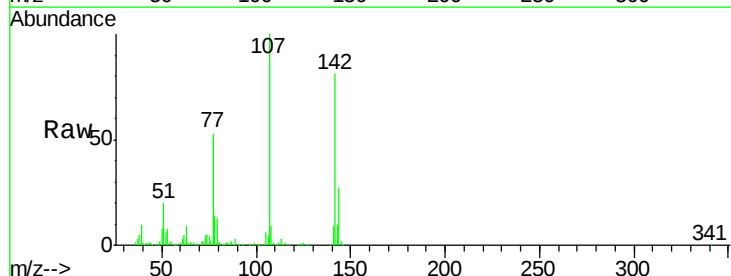
Instrument :
BNA_F
ClientSampleId :

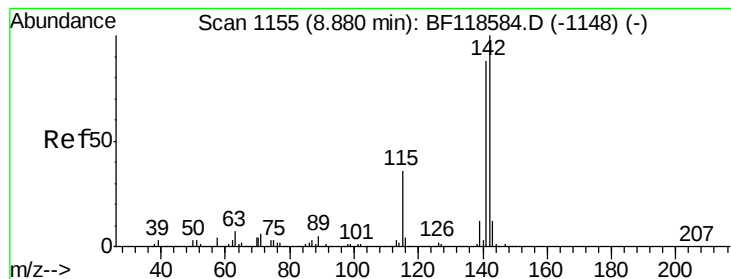
Tot Ion:113 Resp: 273282
Ion Ratio Lower Upper
113 100
55 142.4 136.1 176.1
56 104.6 95.2 135.2



#36
4-Chloro-3-methylphenol
Concen: 40.986 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Tgt Ion:107 Resp: 810585
Ion Ratio Lower Upper
107 100
144 27.0 21.8 32.8
142 81.1 66.5 99.7

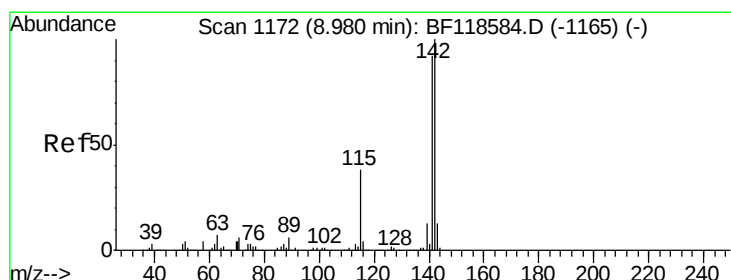
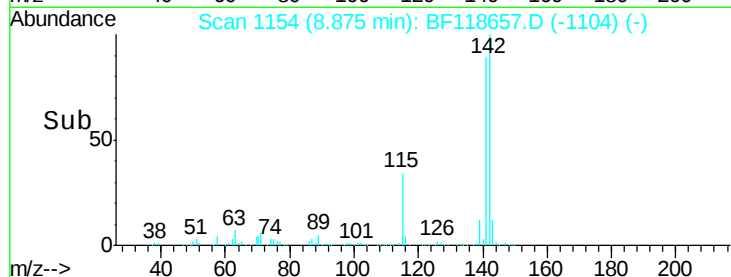
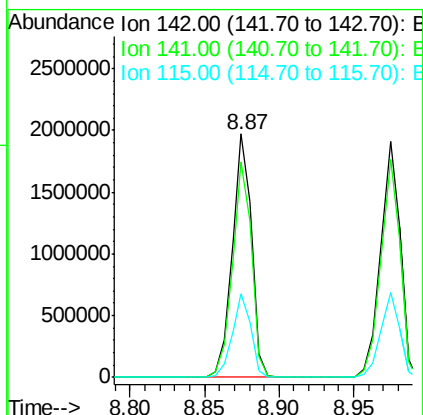
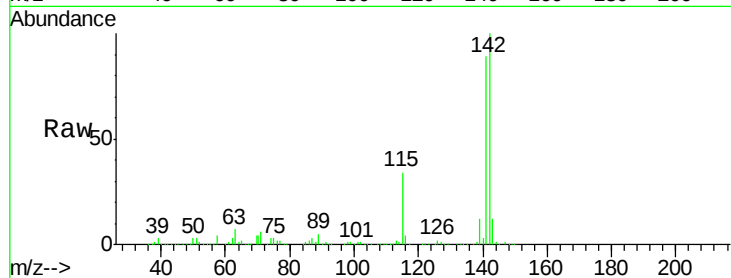




#37
2-Methylnaphthalene
Concen: 41.878 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

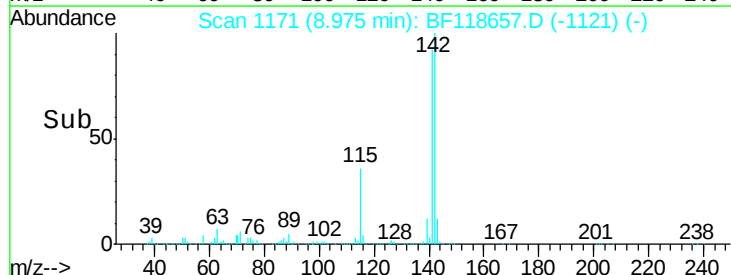
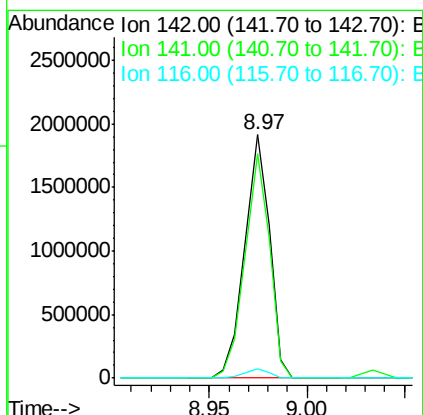
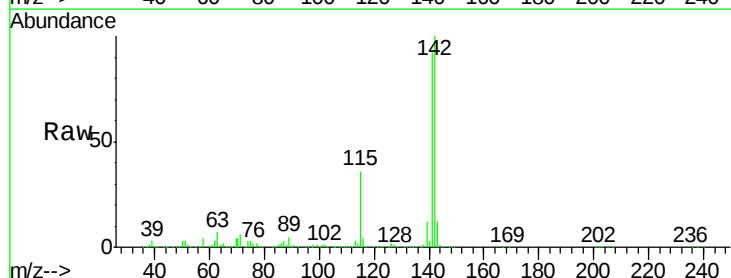
Instrument :
BNA_F
ClientSampleId :

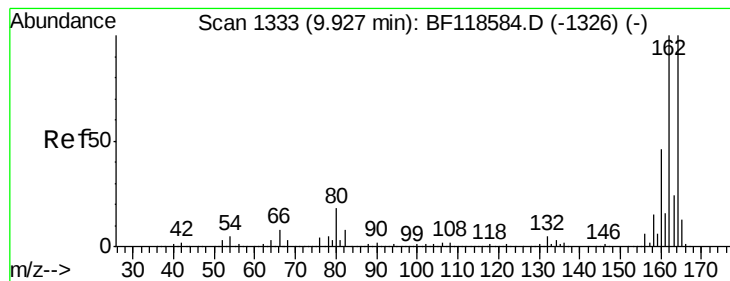
Tot Ion:142 Resp: 1794581
Ion Ratio Lower Upper
142 100
141 88.7 70.7 106.1
115 34.1 28.5 42.7



#38
1-Methylnaphthalene
Concen: 41.848 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Tgt Ion:142 Resp: 1703713
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.2
116 3.8 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Instrument :

BNA_F

ClientSampleId :

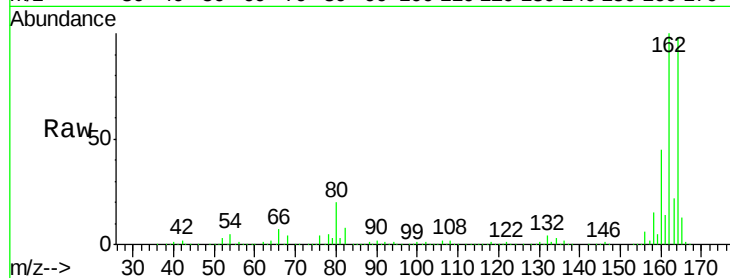
Tot Ion:164 Resp: 744505

Ion Ratio Lower Upper

164 100

162 101.9 80.4 120.6

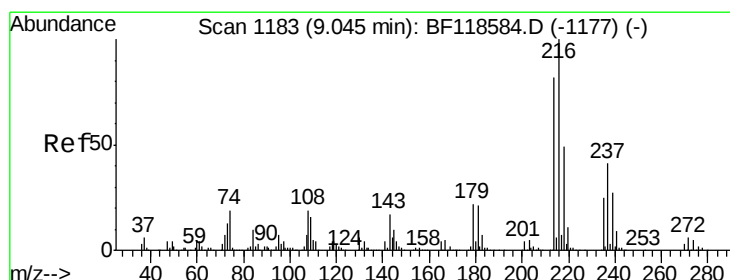
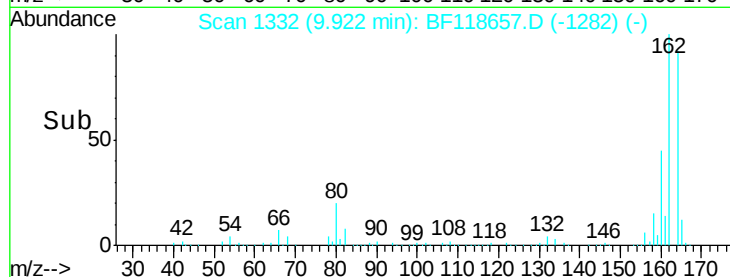
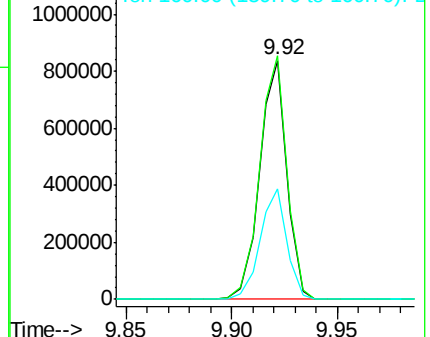
160 46.1 36.6 55.0



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: 41.518 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Tgt Ion:216 Resp: 967173

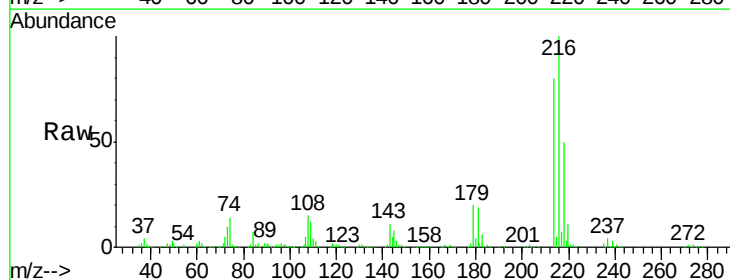
Ion Ratio Lower Upper

216 100

214 79.7 64.2 96.2

179 20.4 16.6 25.0

108 16.7 14.4 21.6

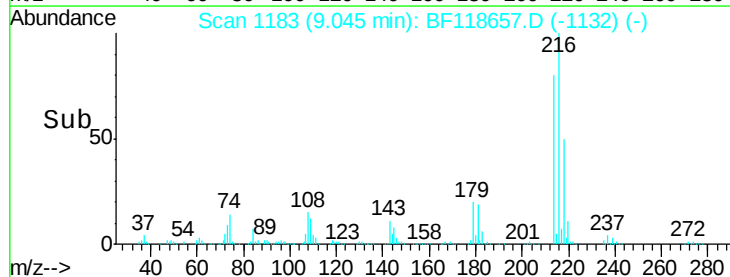
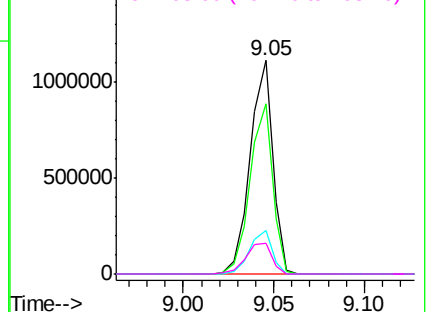


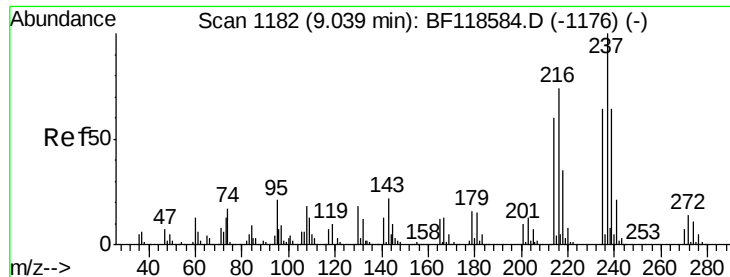
Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.343 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Instrument :

BNA_F

ClientSampleId :

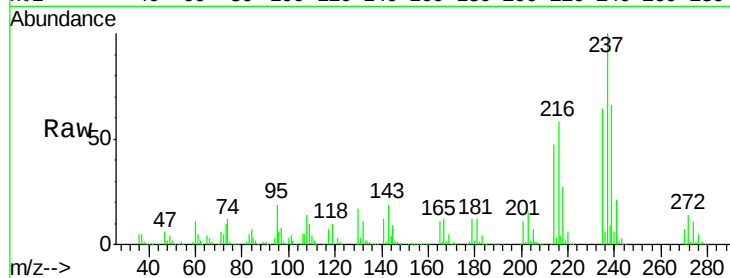
Tot Ion:237 Resp: 427149

Ion Ratio Lower Upper

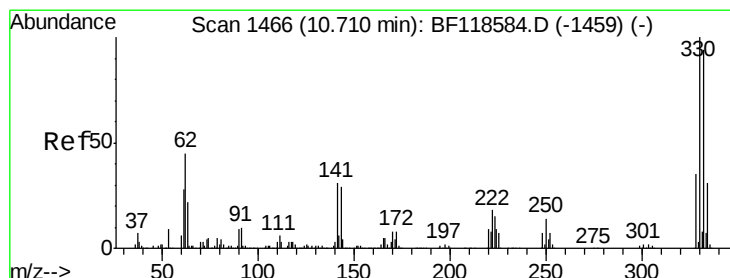
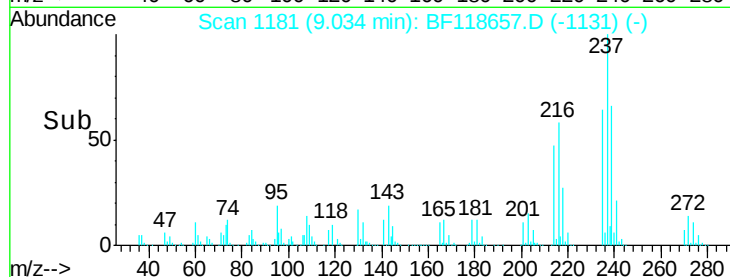
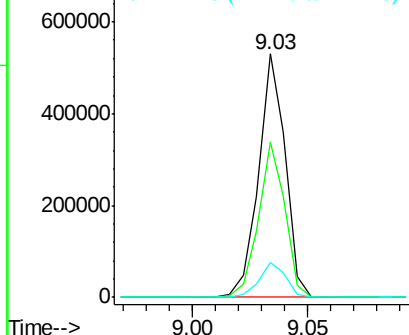
237 100

235 63.6 44.0 84.0

272 14.3 0.0 34.0



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



#42

2,4,6-Tribromophenol

Concen: 85.899 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

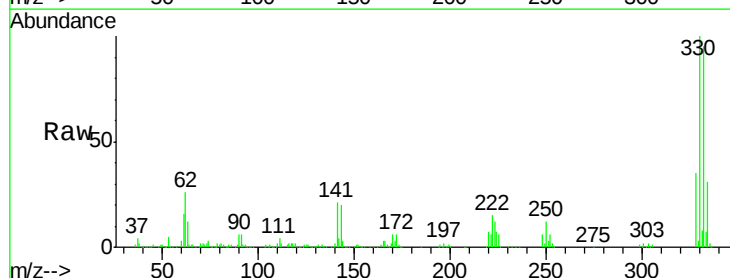
Tgt Ion:330 Resp: 739693

Ion Ratio Lower Upper

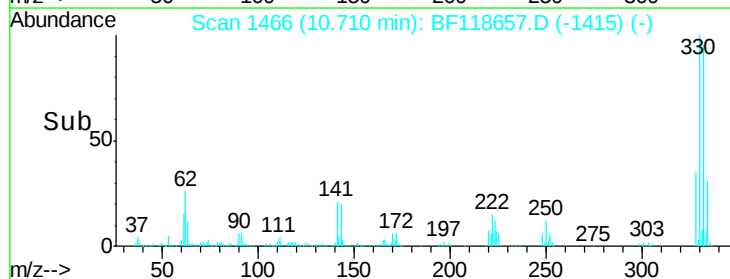
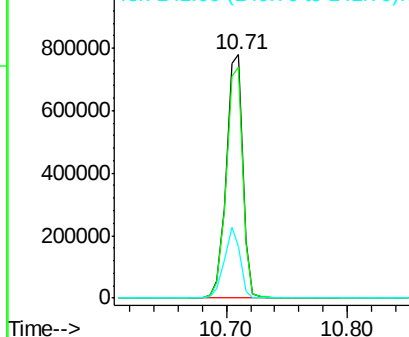
330 100

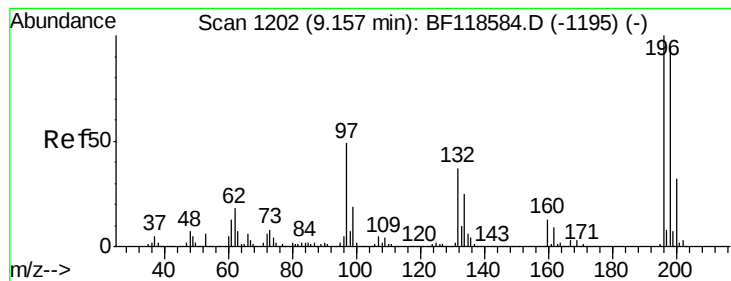
332 95.4 76.2 114.4

141 27.7 23.9 35.9



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





#43

2,4,6-Trichlorophenol

Concen: 42.033 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Instrument :

BNA_F

ClientSampleId :

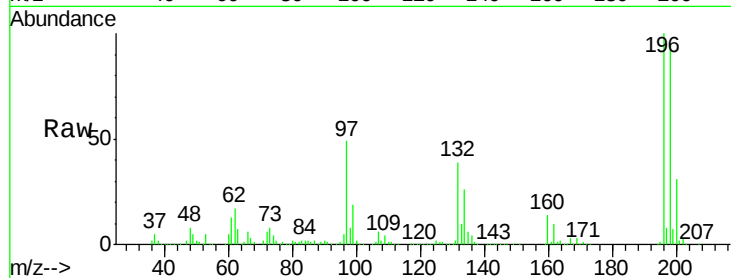
Tot Ion:196 Resp: 649758

Ion Ratio Lower Upper

196 100

198 94.6 76.3 114.5

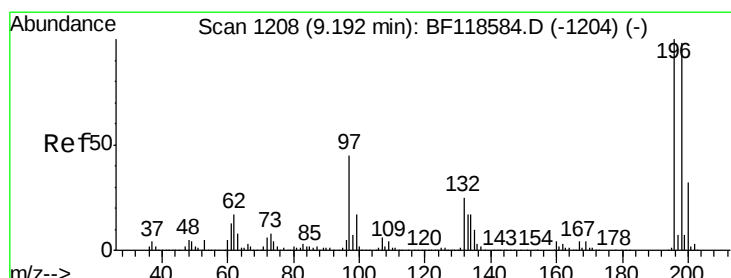
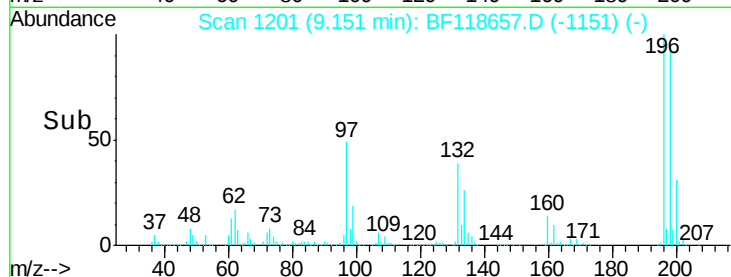
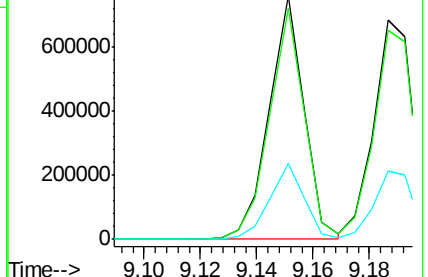
200 31.3 25.4 38.2



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



#44

2,4,5-Trichlorophenol

Concen: 42.432 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Tgt Ion:196 Resp: 669890

Ion Ratio Lower Upper

196 100

198 95.5 78.3 117.5

97 47.8 35.9 53.9

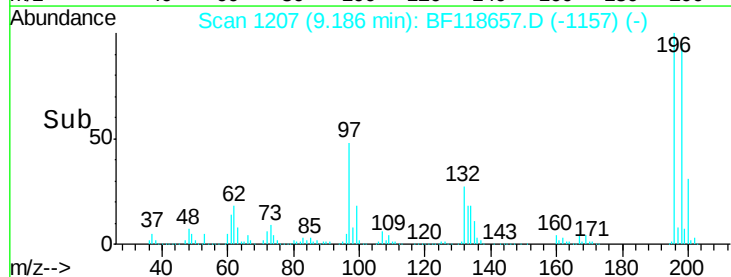
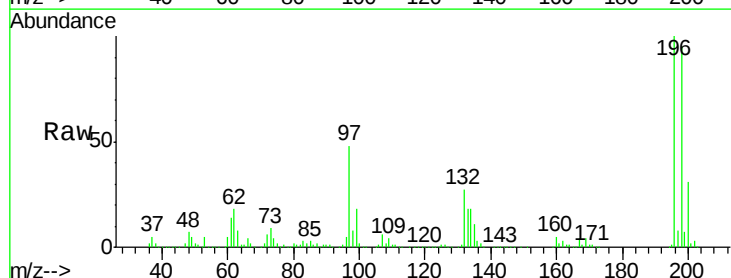
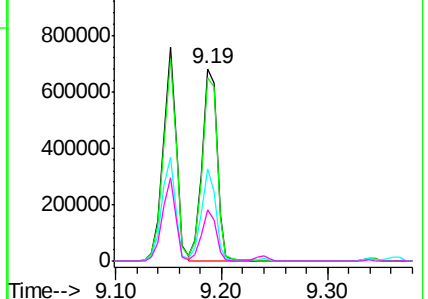
132 26.7 20.3 30.5

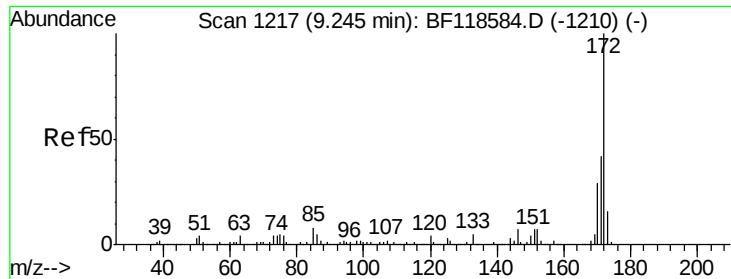
Abundance Ion 196.00 (195.70 to 196.70): E

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

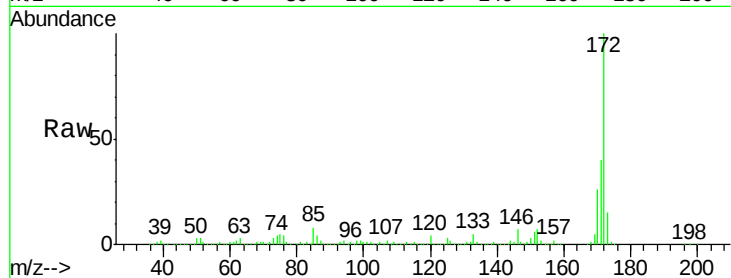




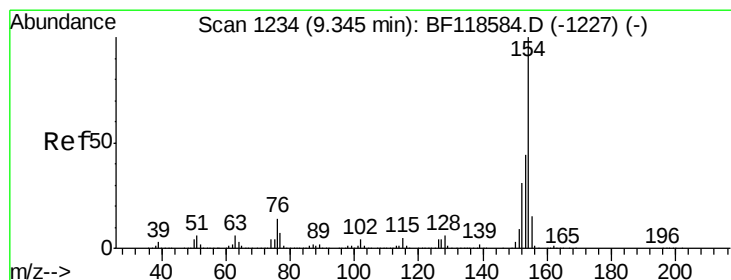
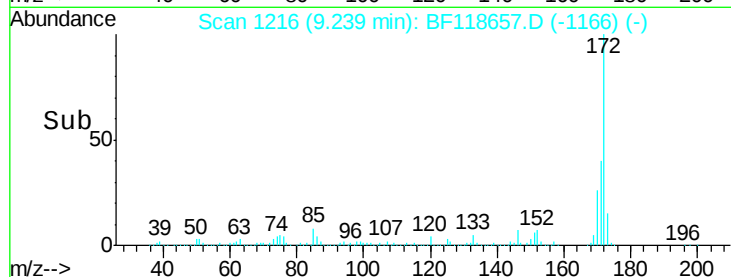
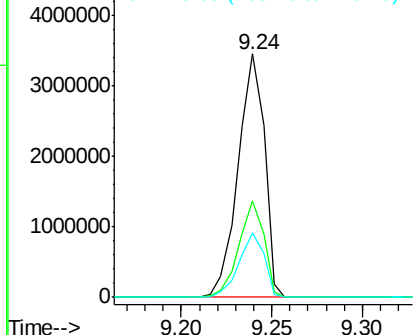
#45
 2-Fluorobiphenyl
 Concen: 77.164 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118657.D
 Acq: 22 Jan 2020 9:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 3495266
 Ion Ratio Lower Upper
 172 100
 171 39.6 33.4 50.2
 170 26.5 23.2 34.8

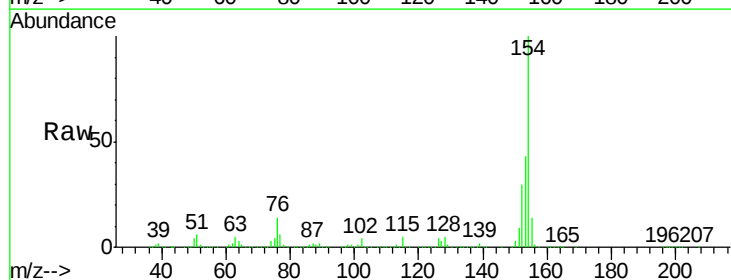


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

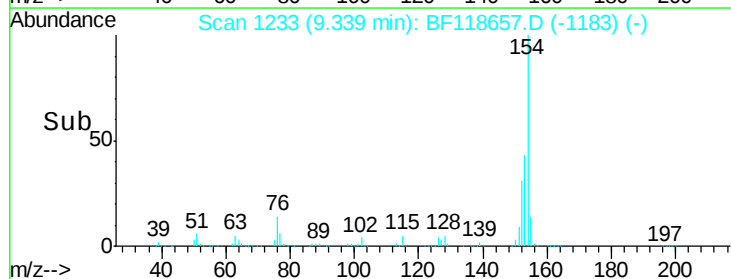
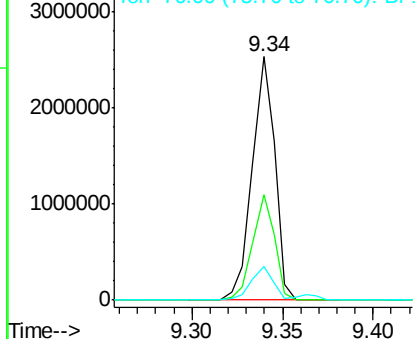


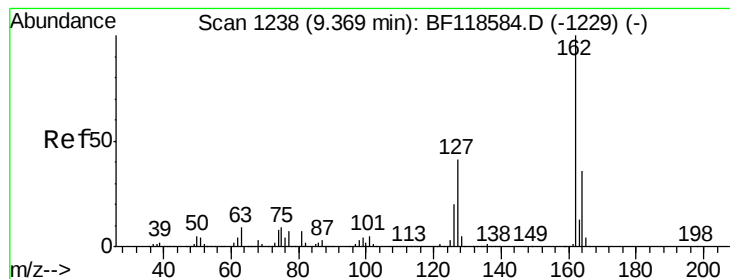
#46
 1,1'-Biphenyl
 Concen: 42.818 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF118657.D
 Acq: 22 Jan 2020 9:53

Tgt Ion:154 Resp: 2197045
 Ion Ratio Lower Upper
 154 100
 153 43.3 23.8 63.8
 76 13.9 0.0 34.3



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





#47

2-Chloronaphthalene

Concen: 42.579 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Instrument :

BNA_F

ClientSampleId :

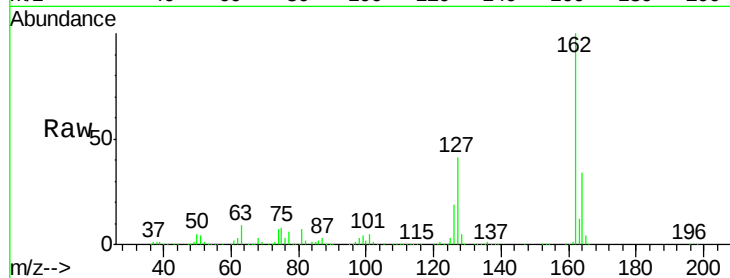
Tot Ion:162 Resp: 1841482

Ion Ratio Lower Upper

162 100

127 40.7 33.0 49.6

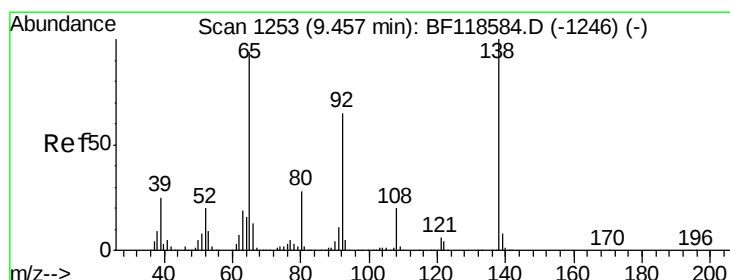
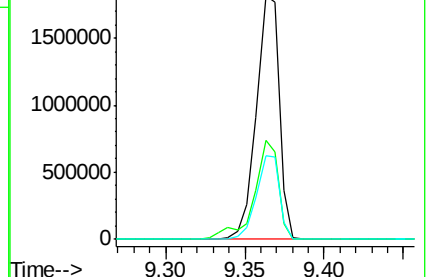
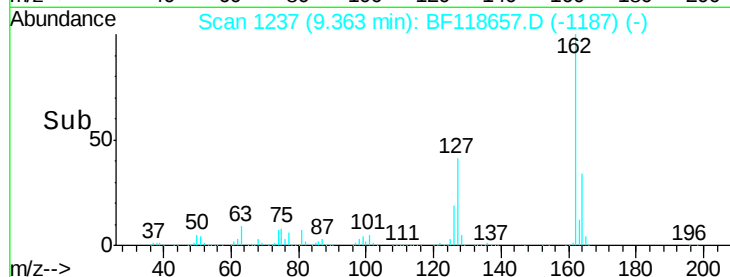
164 34.5 28.6 42.8



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: 41.895 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

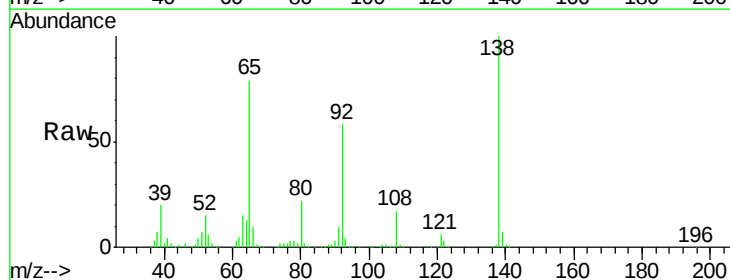
Tgt Ion: 65 Resp: 556985

Ion Ratio Lower Upper

65 100

92 73.4 55.4 83.0

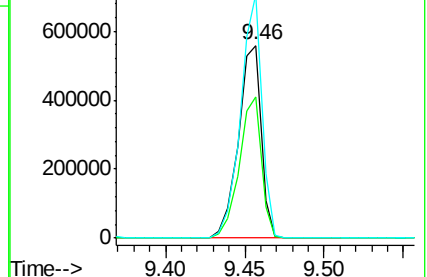
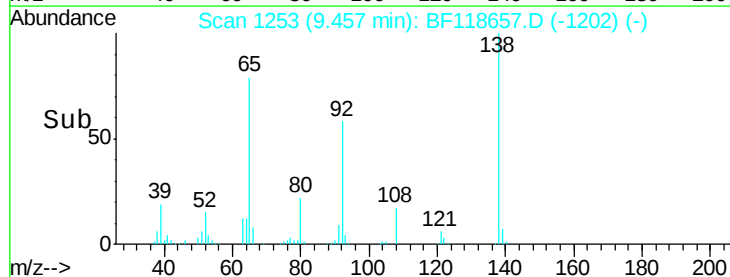
138 126.5 85.0 127.6

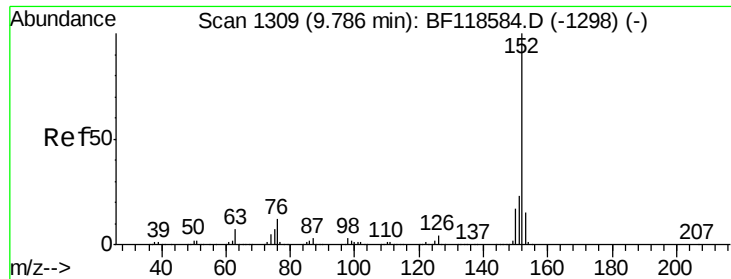


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.752 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Instrument :

BNA_F

ClientSampleId :

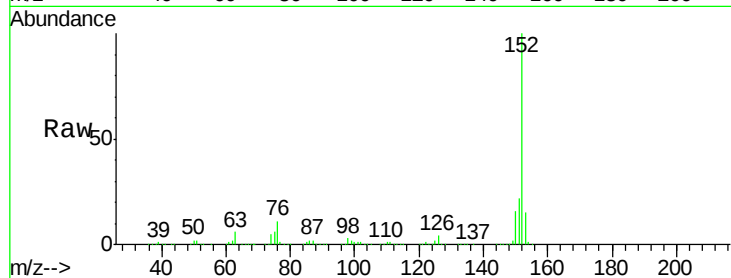
Tot Ion:152 Resp: 2661974

Ion Ratio Lower Upper

152 100

151 22.2 18.6 27.8

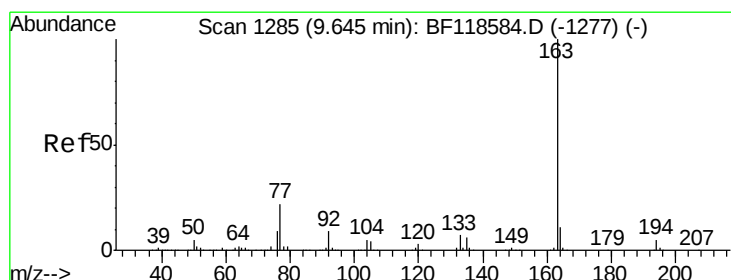
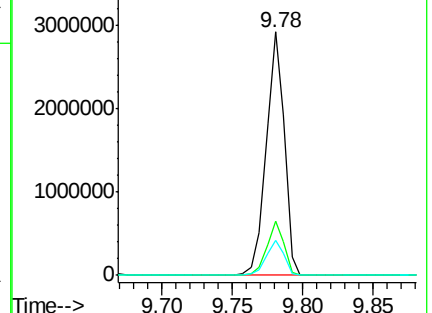
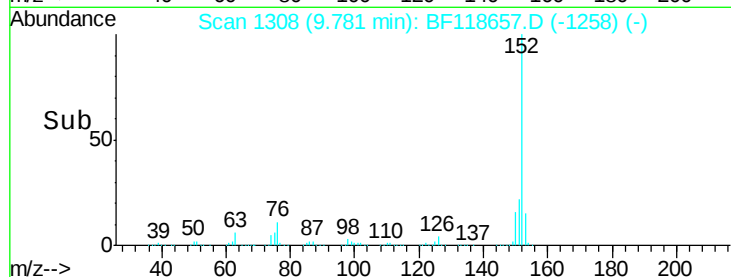
153 14.6 12.2 18.4



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: 42.338 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

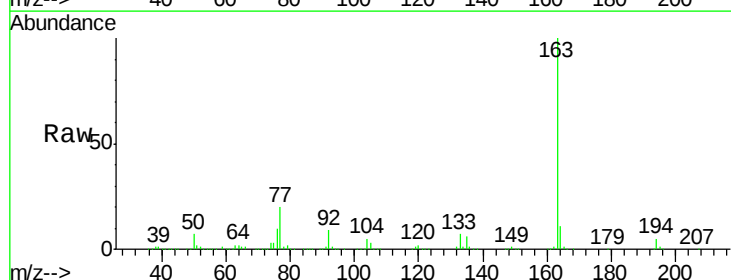
Tgt Ion:163 Resp: 2053615

Ion Ratio Lower Upper

163 100

194 4.8 3.9 5.9

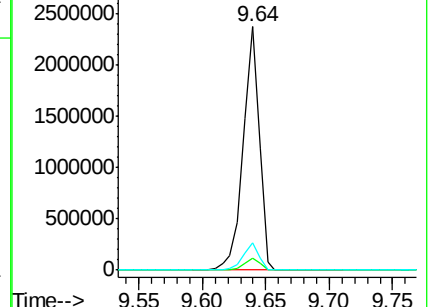
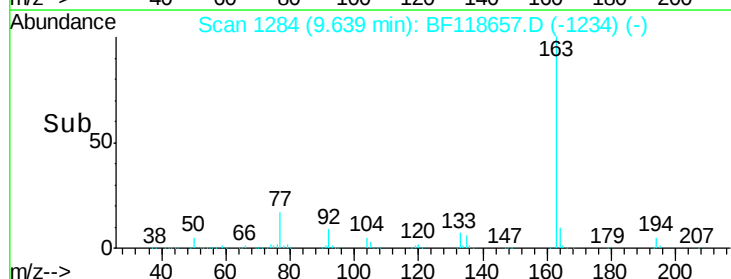
164 11.0 9.1 13.7

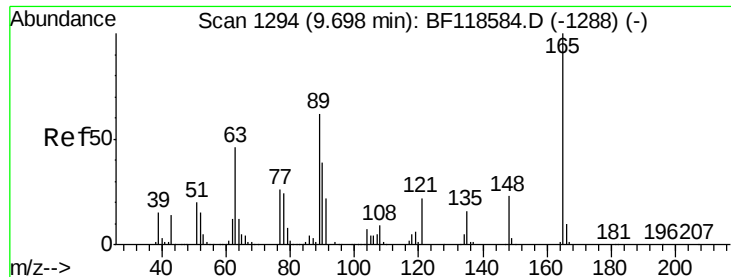


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

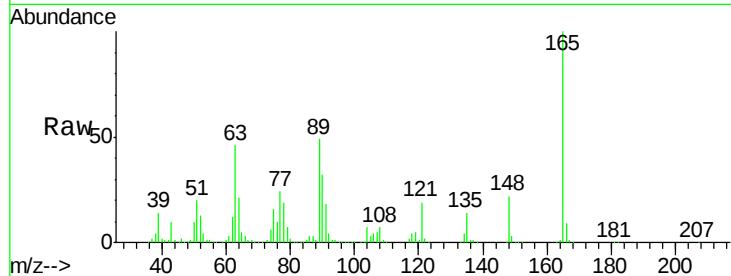




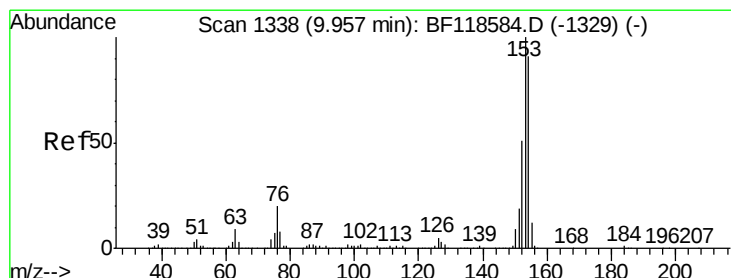
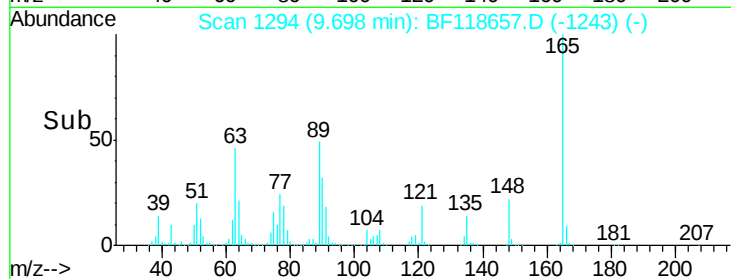
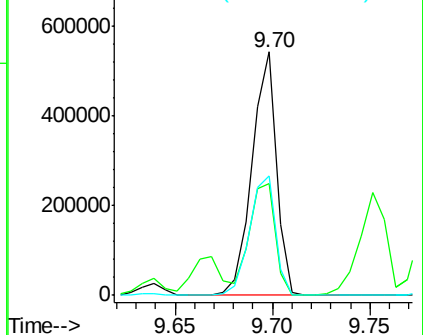
#51
2,6-Dinitrotoluene
Concen: 43.450 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.9	48.9	73.3#
89	49.0	49.8	74.6#

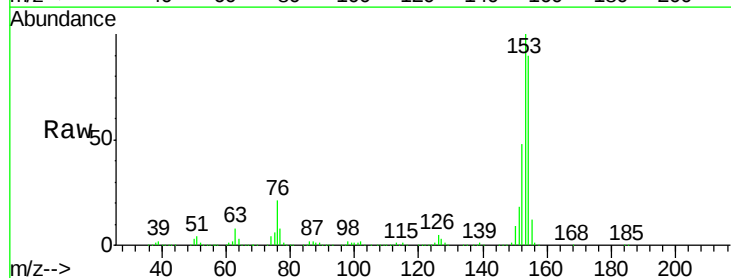


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

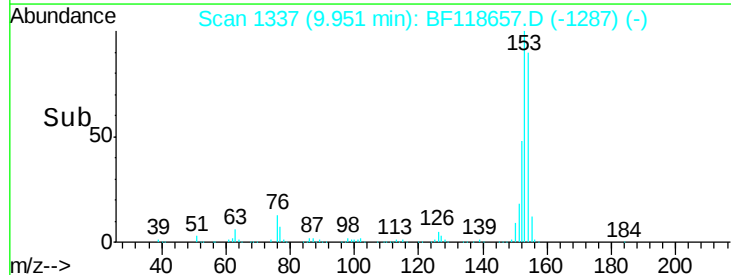
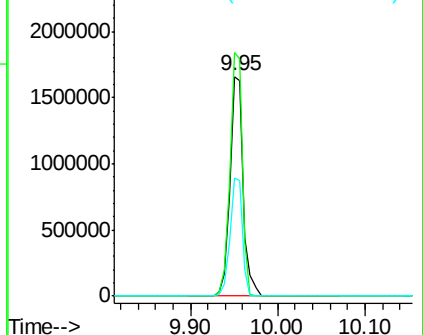


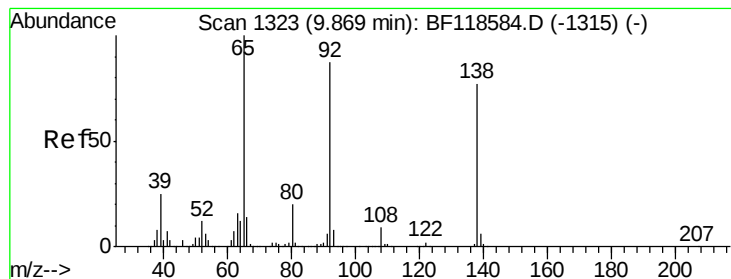
#52
Acenaphthene
Concen: 42.797 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	87.6	131.4
152	53.7	44.4	66.6



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





#53

3-Nitroaniline

Concen: 44.638 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Instrument :

BNA_F

ClientSampleId :

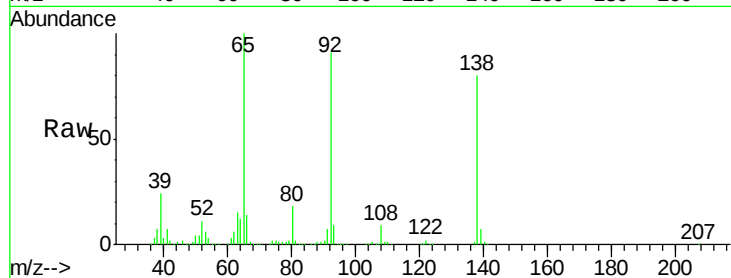
Tot Ion:138 Resp: 553625

Ion Ratio Lower Upper

138 100

108 11.2 9.6 14.4

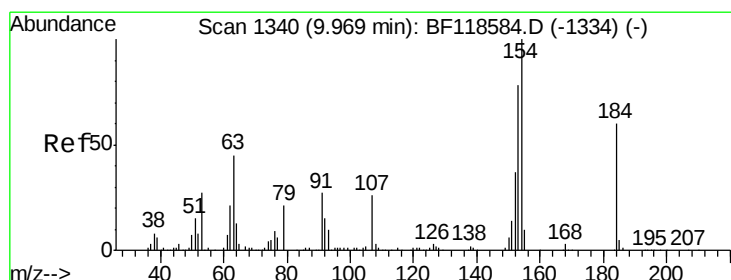
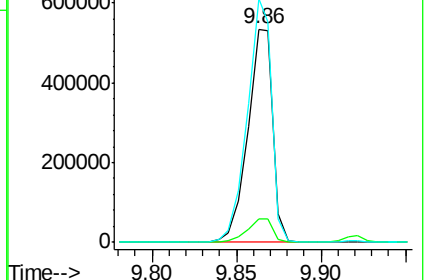
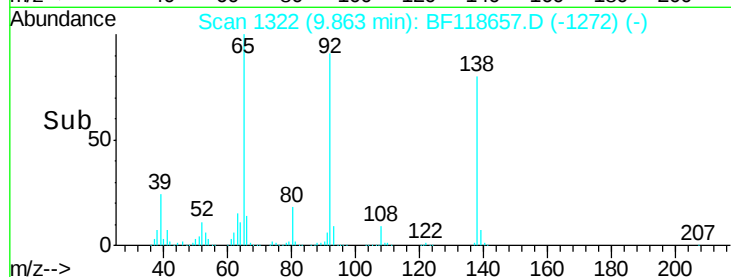
92 114.3 90.6 136.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 48.230 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

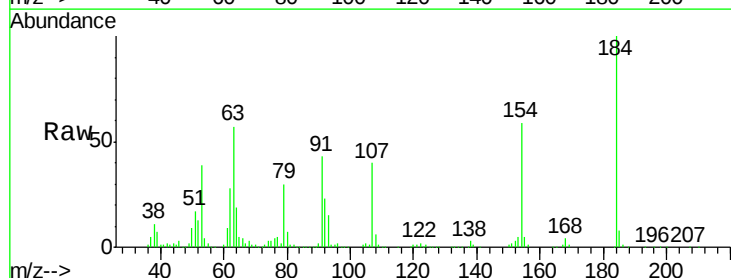
Tgt Ion:184 Resp: 209139

Ion Ratio Lower Upper

184 100

63 57.3 60.6 90.8#

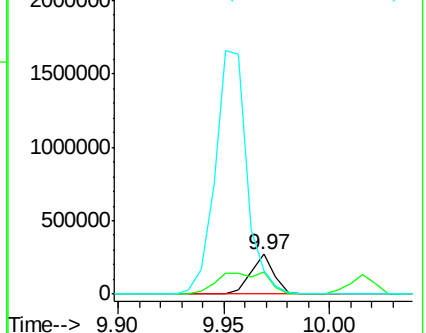
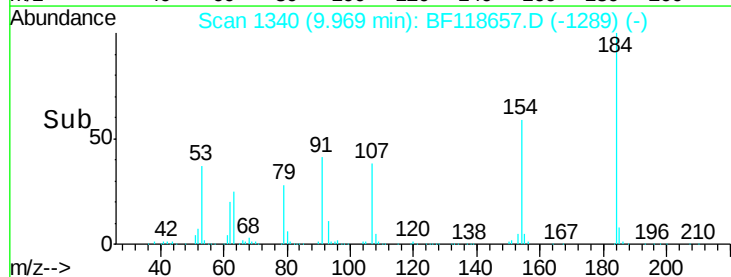
154 59.2 137.3 205.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

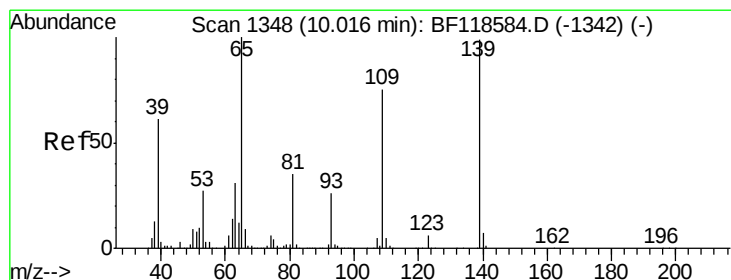
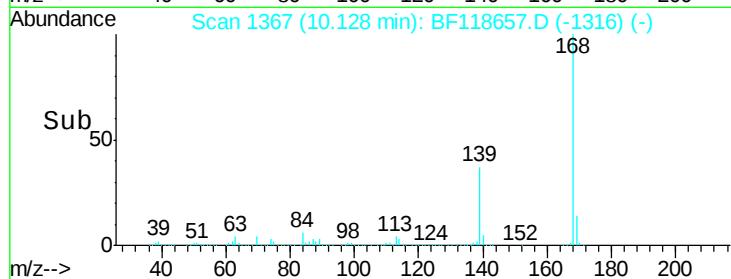
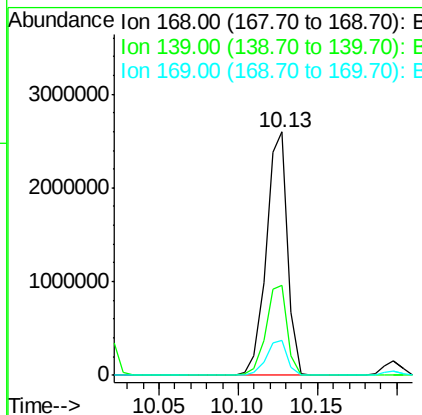
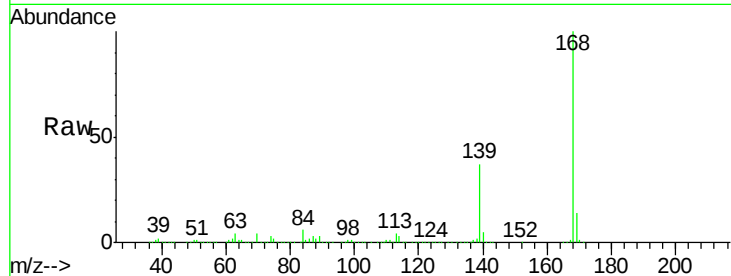




#55
Dibenzofuran
Concen: 43.284 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

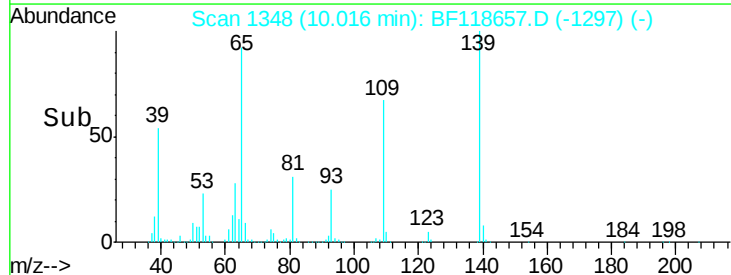
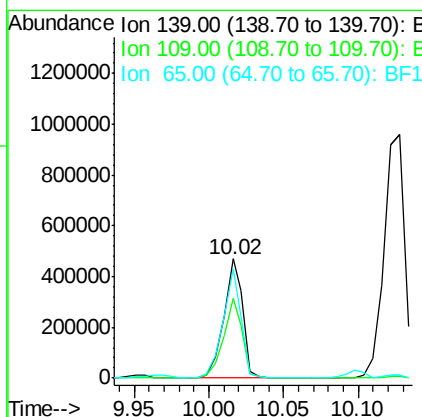
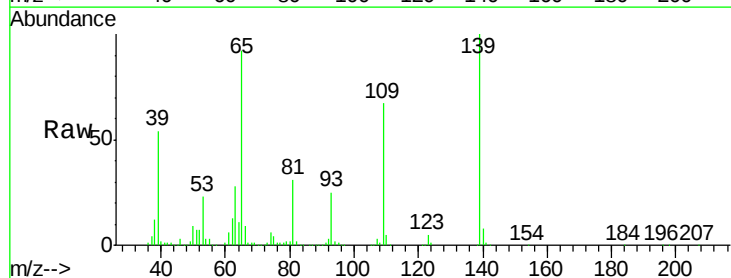
Instrument :
BNA_F
ClientSampleId :

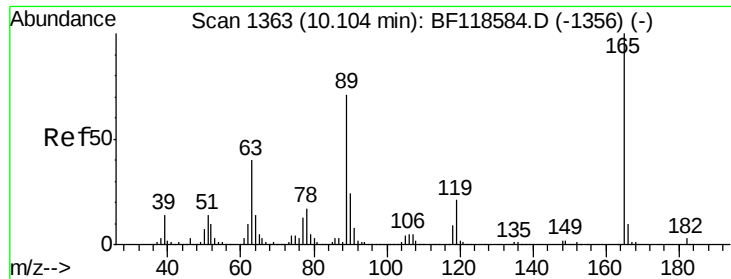
Tot Ion:168 Resp: 2440366
Ion Ratio Lower Upper
168 100
139 36.9 32.7 49.1
169 14.2 12.2 18.2



#56
4-Nitrophenol
Concen: 44.963 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Tgt Ion:139 Resp: 420979
Ion Ratio Lower Upper
139 100
109 67.0 56.0 96.0
65 91.8 81.4 121.4

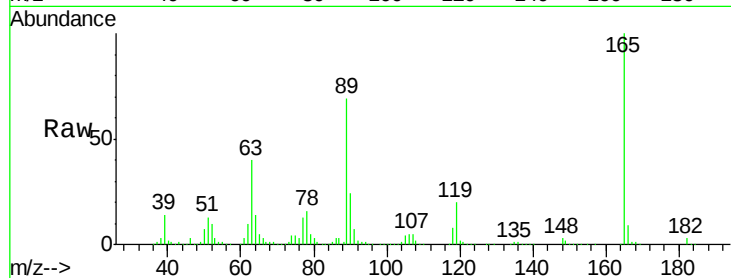




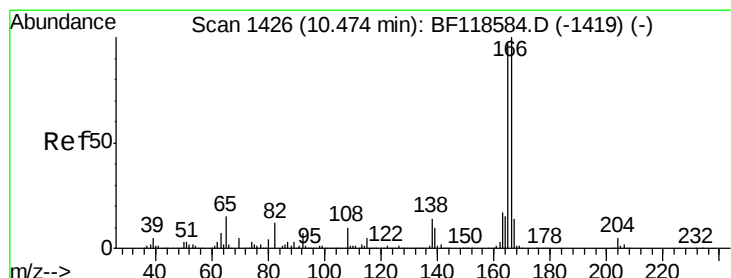
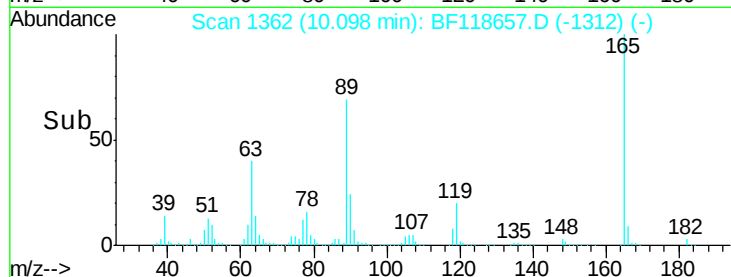
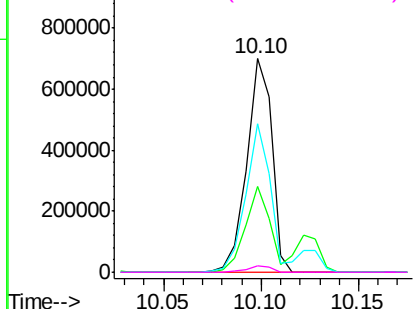
#57
2,4-Dinitrotoluene
Concen: 45.670 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	625350
Ion	Ratio	Lower	Upper
165	100		
63	40.4	32.4	48.6
89	69.3	56.4	84.6
182	2.9	2.3	3.5

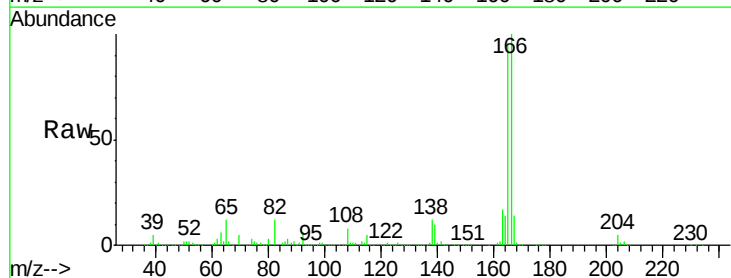


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

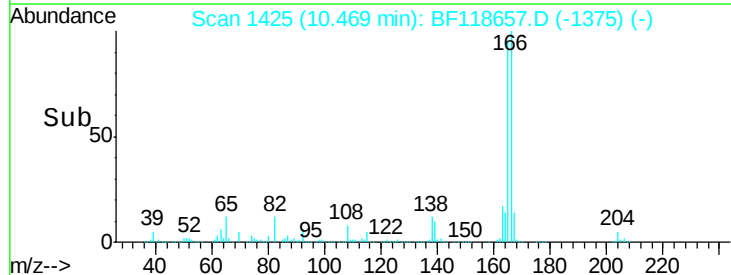
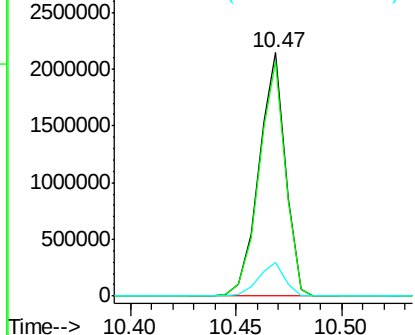


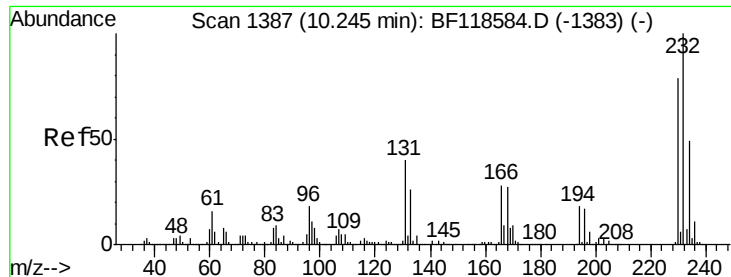
#58
Fluorene
Concen: 42.097 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Tgt Ion:	166	Resp:	1863264
Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.3	115.9
167	13.9	11.5	17.3



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: 43.144 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 599094

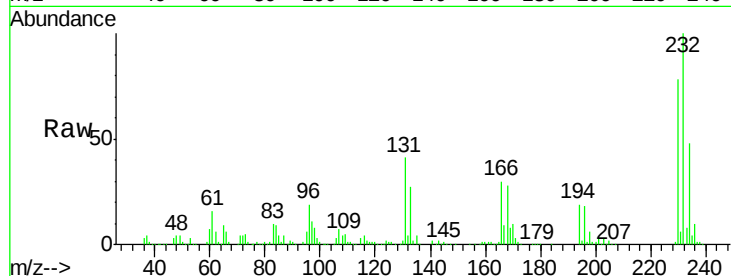
Ion Ratio Lower Upper

232 100

131 39.0 33.2 49.8

130 1.9 1.8 2.6

166 27.8 22.6 33.8

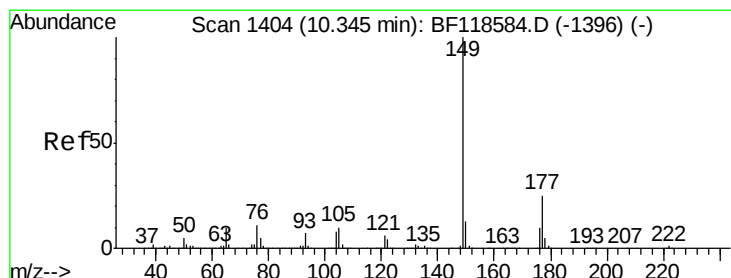
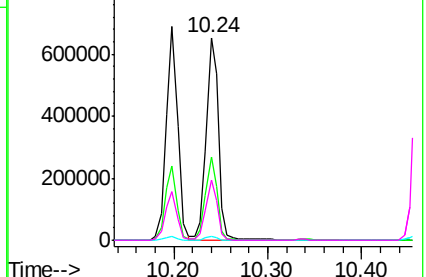
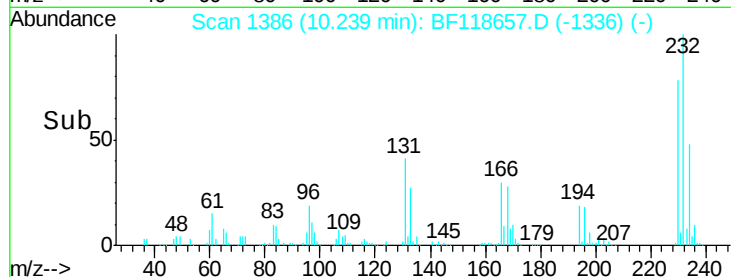


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.497 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

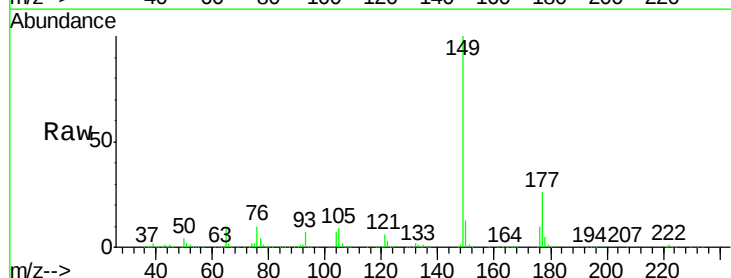
Tgt Ion:149 Resp: 1951579

Ion Ratio Lower Upper

149 100

177 25.6 20.0 30.0

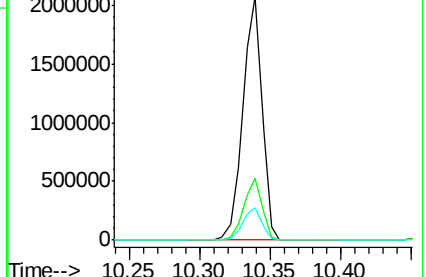
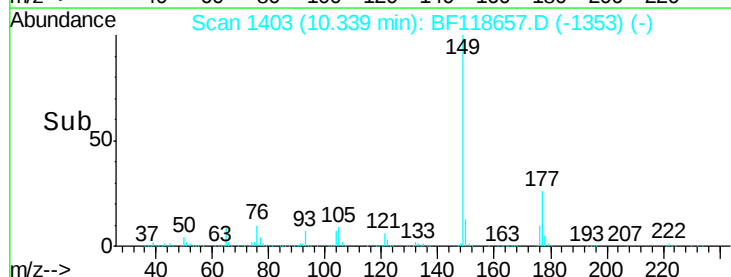
150 13.3 10.6 16.0

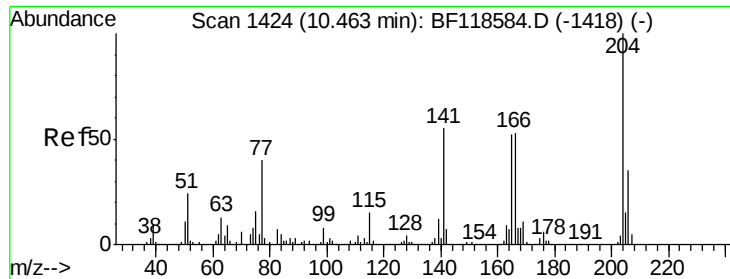


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

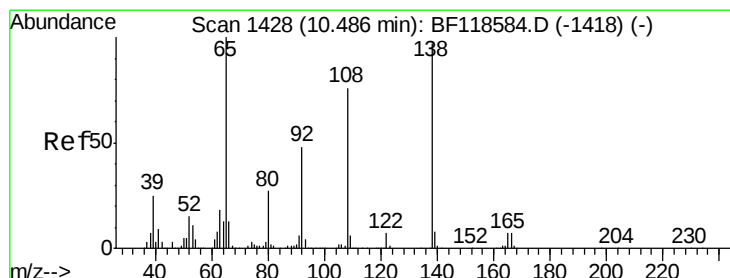
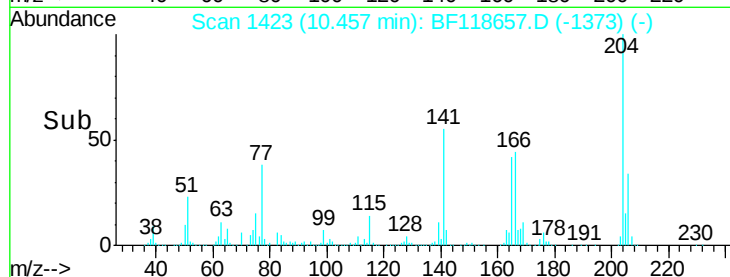
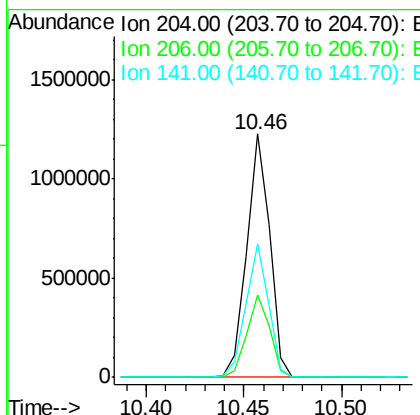
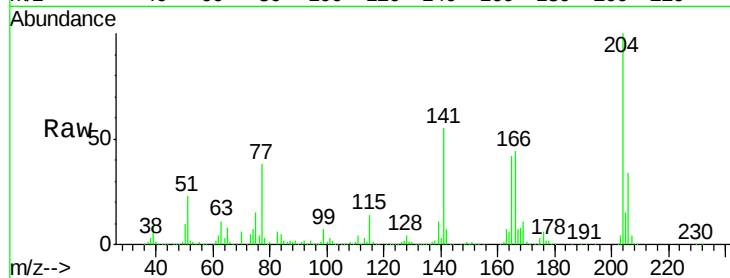




#61
4-Chlorophenyl-phenylether
Concen: 41.530 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

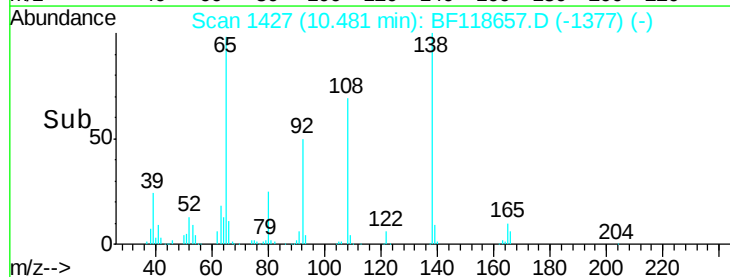
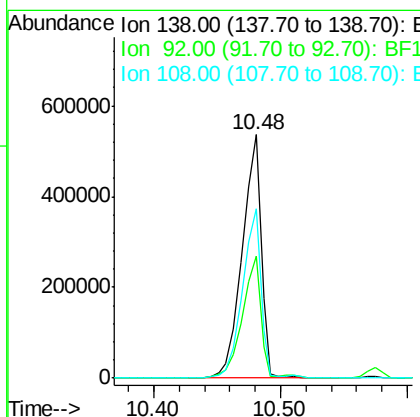
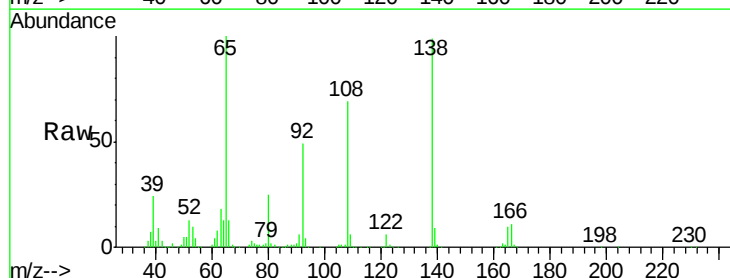
Instrument :
BNA_F
ClientSampleId :

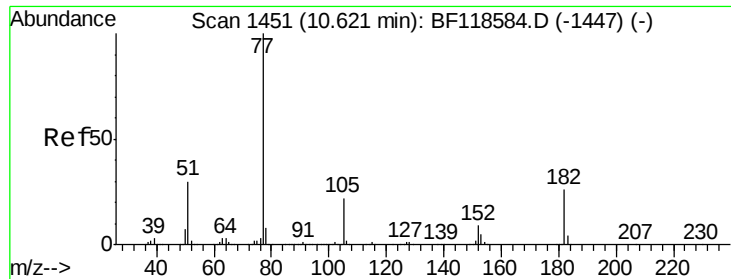
Tot Ion:204 Resp: 999732
Ion Ratio Lower Upper
204 100
206 33.7 27.8 41.6
141 54.8 43.7 65.5



#62
4-Nitroaniline
Concen: 43.529 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Tgt Ion:138 Resp: 553779
Ion Ratio Lower Upper
138 100
92 49.9 29.4 69.4
108 69.7 58.2 98.2





#63

Azobenzene

Concen: 40.504 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

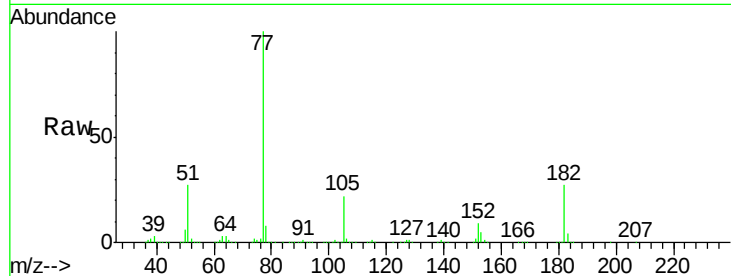
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1844826

Ion	Ratio	Lower	Upper
77	100		
182	26.9	5.6	45.6
105	22.2	2.0	42.0
51	27.4	10.2	50.2

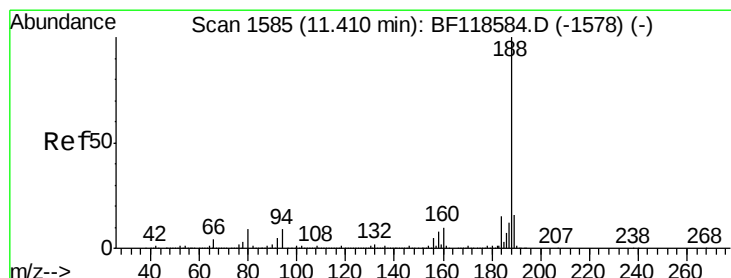
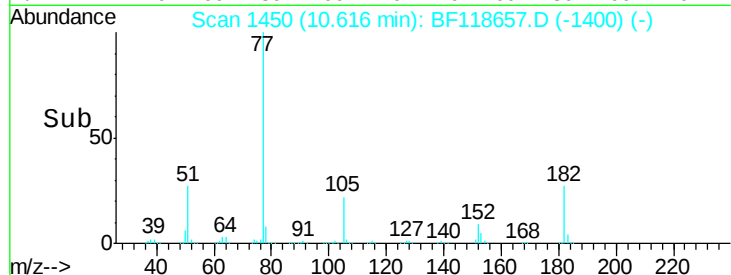


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

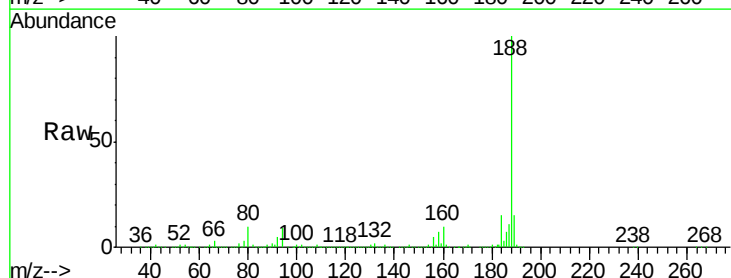
Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Tgt Ion: 188 Resp: 1398938

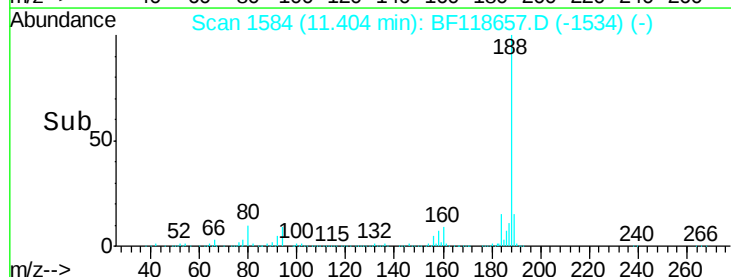
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.1	10.7
80	10.1	7.5	11.3

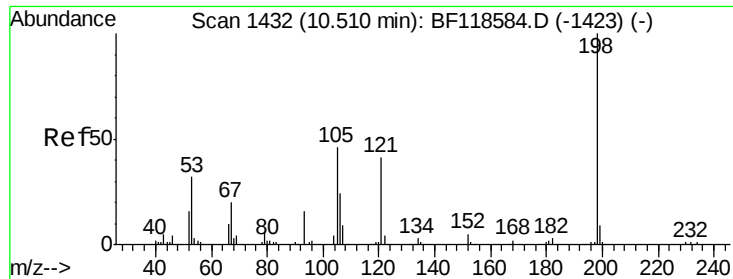


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

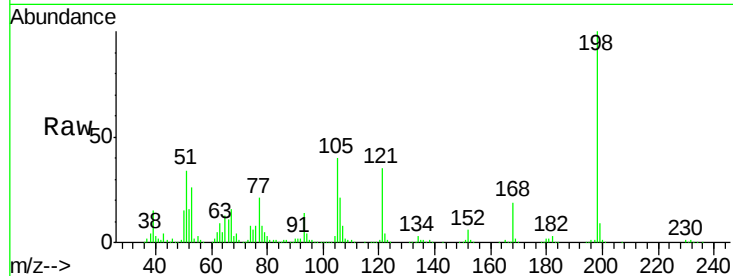




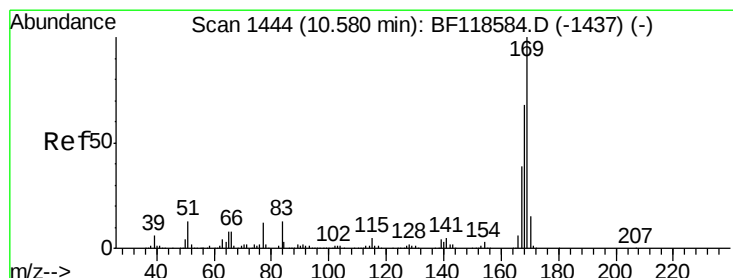
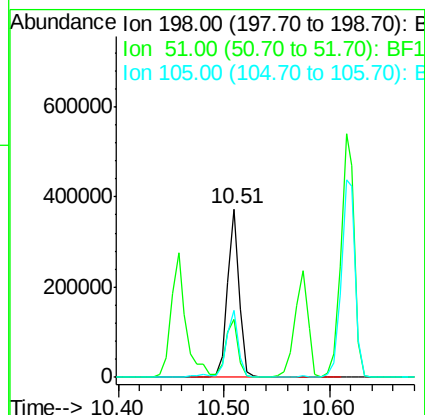
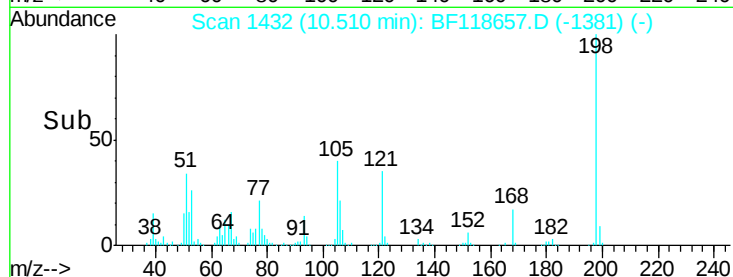
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.029 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF118657.D
 Acq: 22 Jan 2020 9:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 289298
 Ion Ratio Lower Upper
 198 100
 51 34.1 25.2 65.2
 105 39.9 26.3 66.3

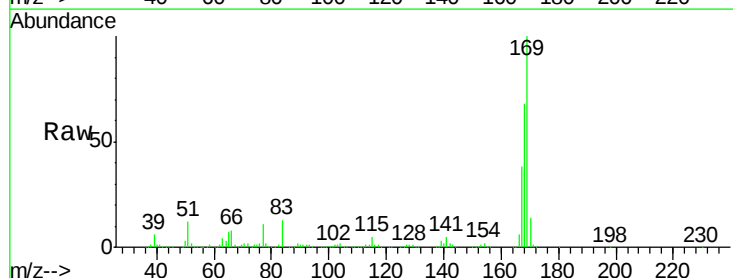


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

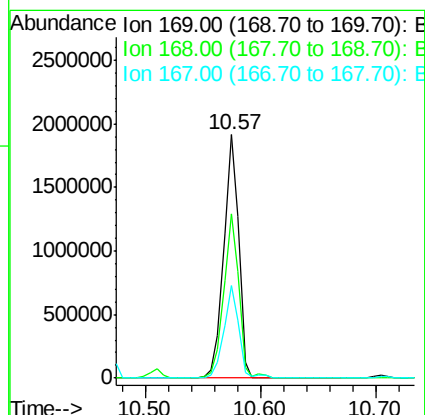
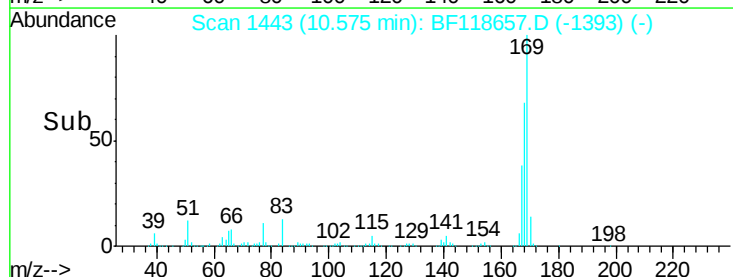


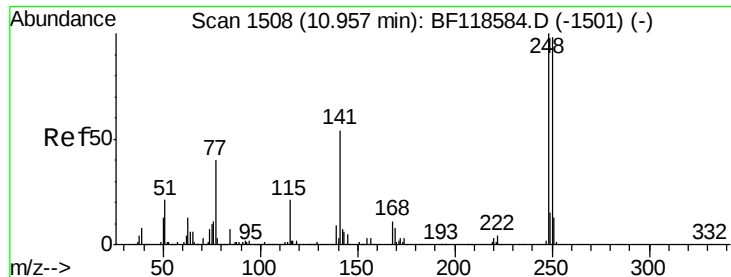
#66
 n-Nitrosodiphenylamine
 Concen: 40.963 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF118657.D
 Acq: 22 Jan 2020 9:53

Tgt Ion:169 Resp: 1728185
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.6 82.0
 167 37.8 30.9 46.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

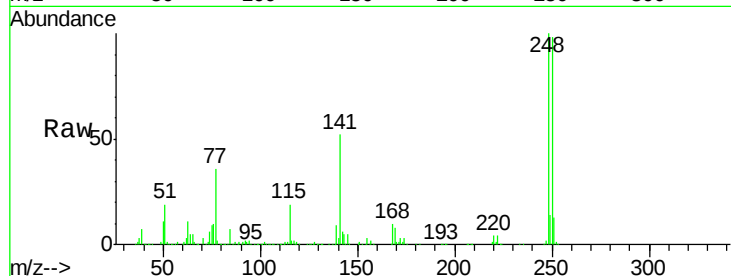




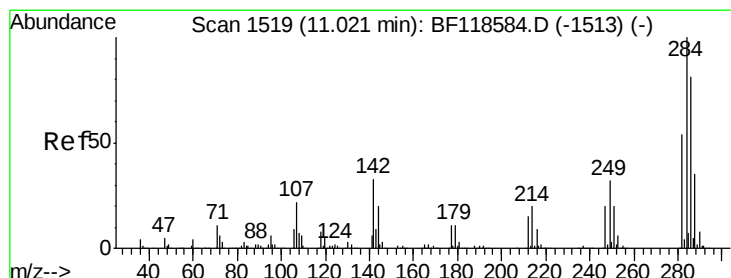
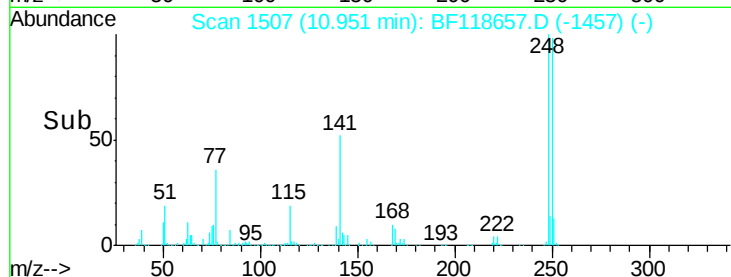
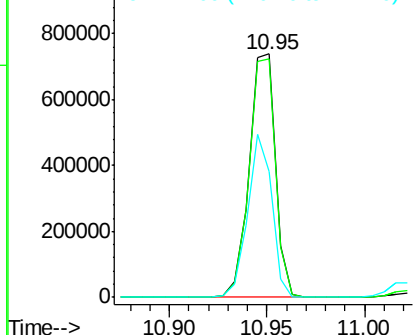
#67
4-Bromophenyl-phenylether
Concen: 39.944 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.7	118.1
141	51.8	43.2	64.8

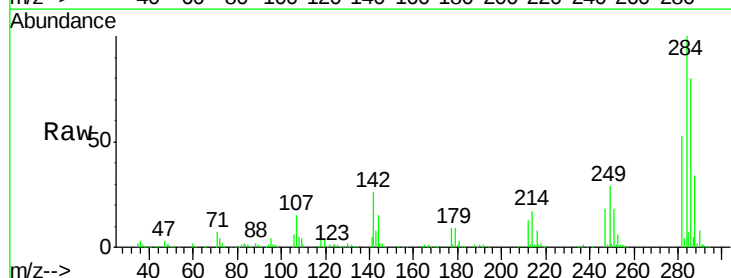


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

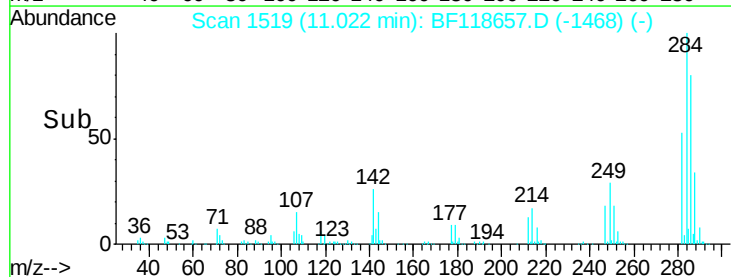
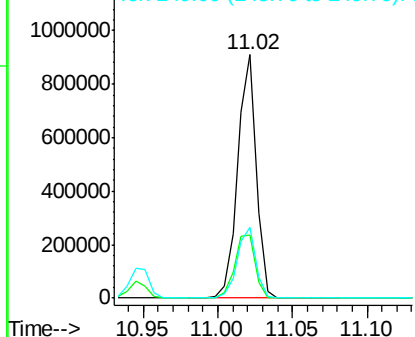


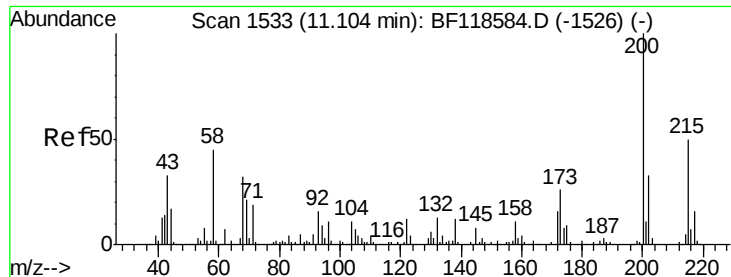
#68
Hexachlorobenzene
Concen: 40.442 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.8	26.6	39.8#
249	29.1	25.2	37.8



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

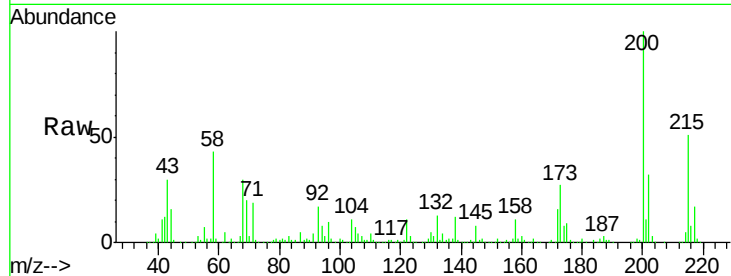




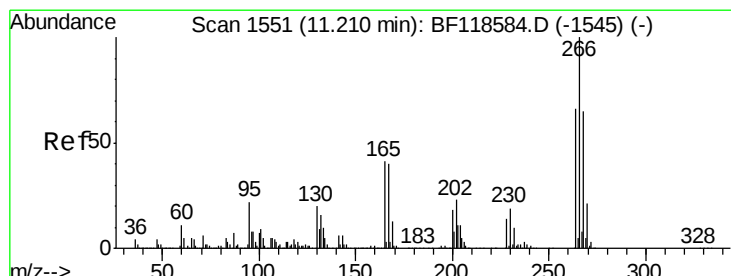
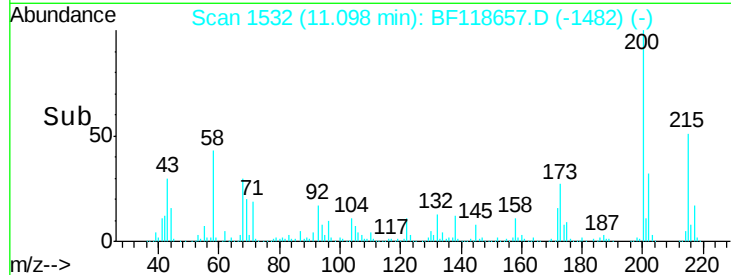
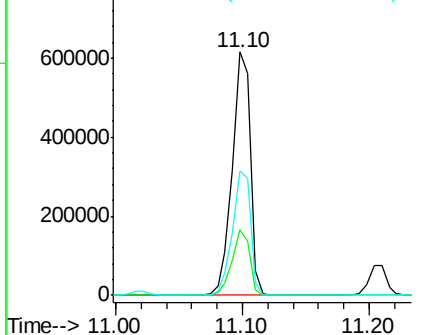
#69
 Atrazine
 Concen: 41.016 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF118657.D
 Acq: 22 Jan 2020 9:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 599770
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.3 46.3
 215 50.9 30.2 70.2

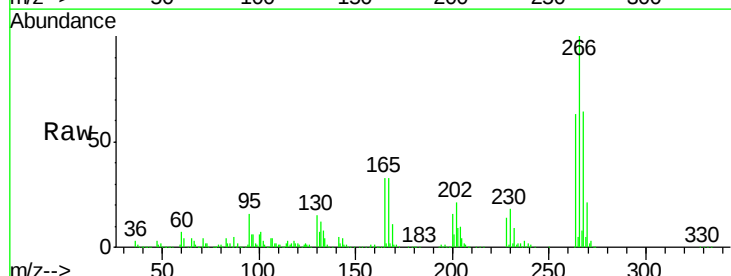


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

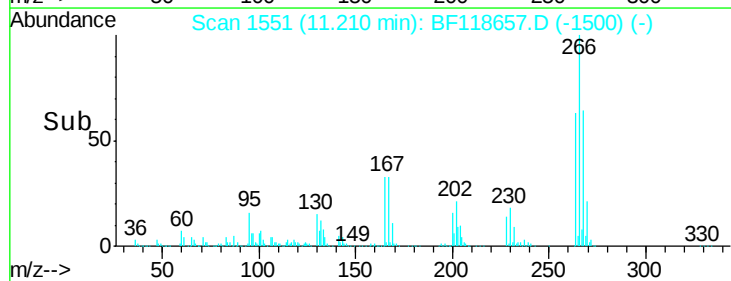
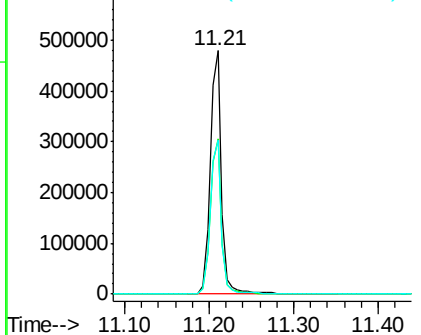


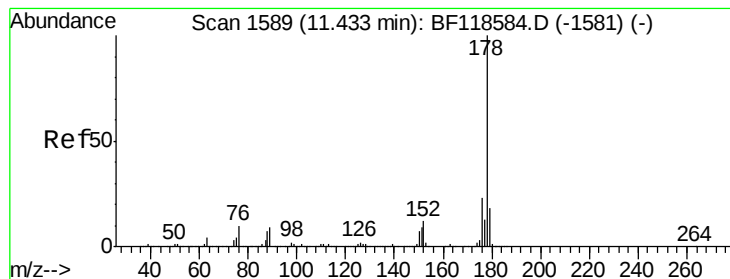
#70
 Pentachlorophenol
 Concen: 41.729 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF118657.D
 Acq: 22 Jan 2020 9:53

Tgt Ion:266 Resp: 454608
 Ion Ratio Lower Upper
 266 100
 268 63.8 52.1 78.1
 264 63.4 52.4 78.6



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





#71

Phenanthrene

Concen: 42.240 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

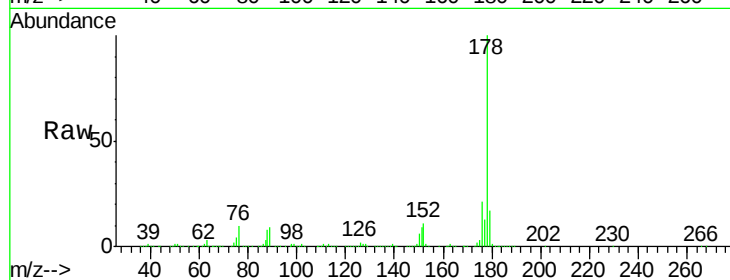
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 2850790

Ion	Ratio	Lower	Upper
178	100		
176	21.4	18.6	27.8
179	17.5	14.7	22.1

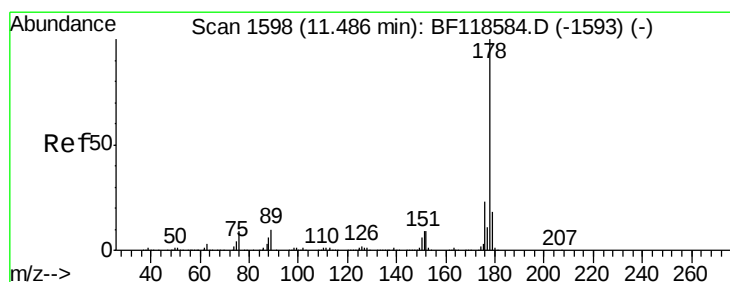
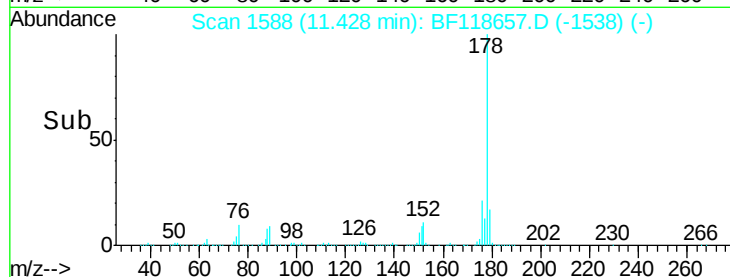
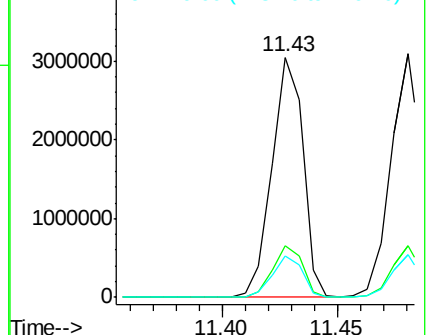


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.740 ng

RT: 11.48 min Scan# 1597

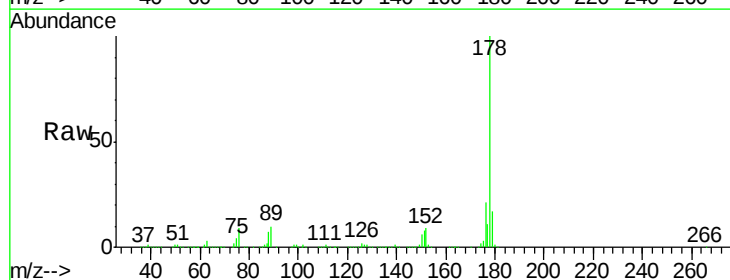
Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Tgt Ion:178 Resp: 2854222

Ion	Ratio	Lower	Upper
178	100		
176	21.1	18.0	27.0
179	17.3	14.7	22.1

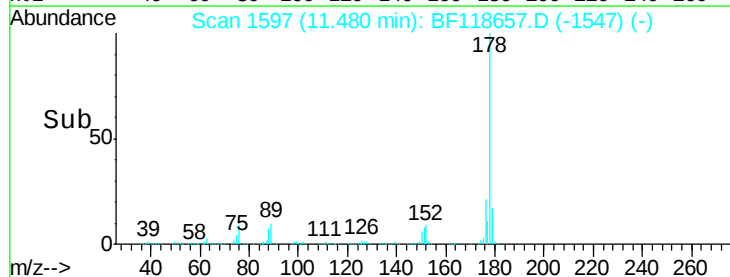
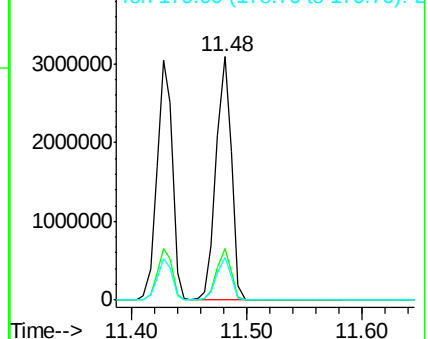


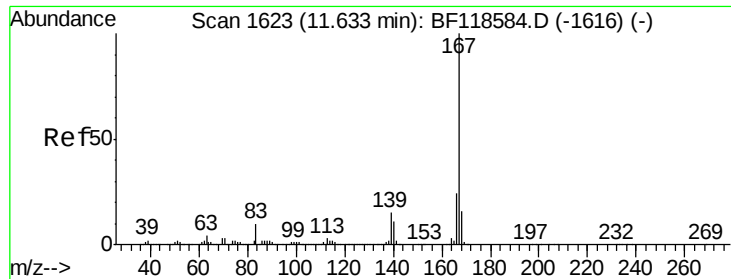
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

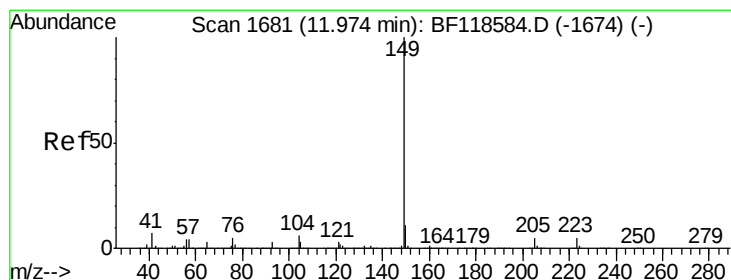
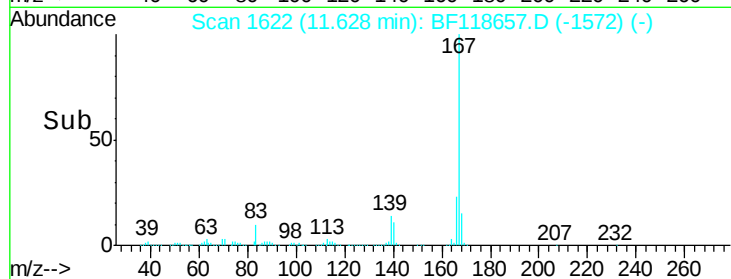
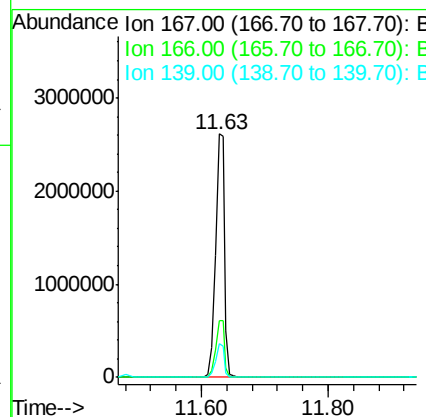
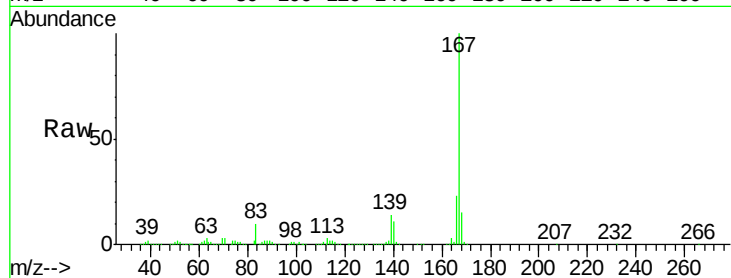




#73
 Carbazole
 Concen: 43.058 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF118657.D
 Acq: 22 Jan 2020 9:53

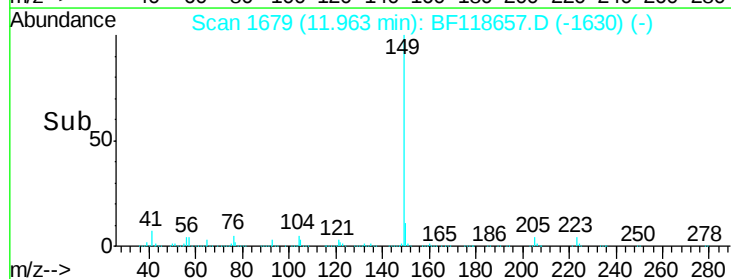
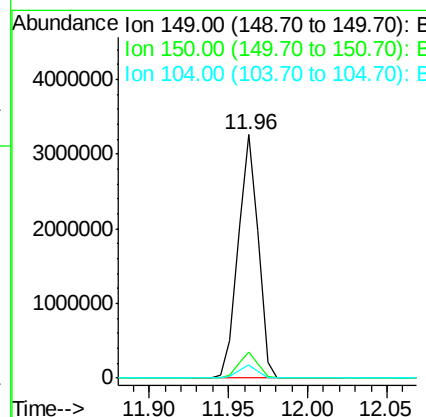
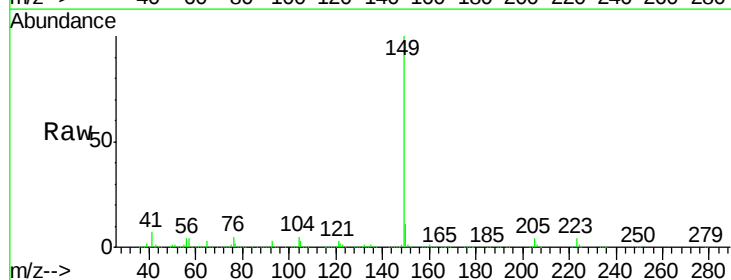
Instrument :
 BNA_F
 ClientSampleId :

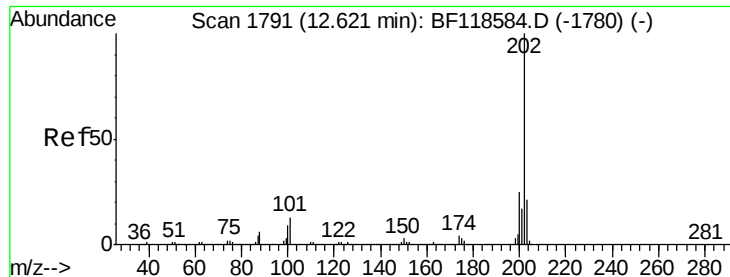
Tot Ion:167 Resp: 2637496
 Ion Ratio Lower Upper
 167 100
 166 23.1 19.4 29.2
 139 13.9 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 41.890 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118657.D
 Acq: 22 Jan 2020 9:53

Tgt Ion:149 Resp: 2850833
 Ion Ratio Lower Upper
 149 100
 150 10.6 8.7 13.1
 104 5.4 4.6 6.8





#75

Fluoranthene

Concen: 42.867 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Instrument :

BNA_F

ClientSampleId :

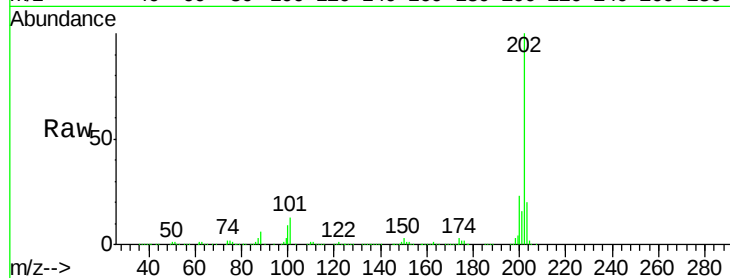
Tot Ion:202 Resp: 3051431

Ion Ratio Lower Upper

202 100

101 12.7 0.0 32.5

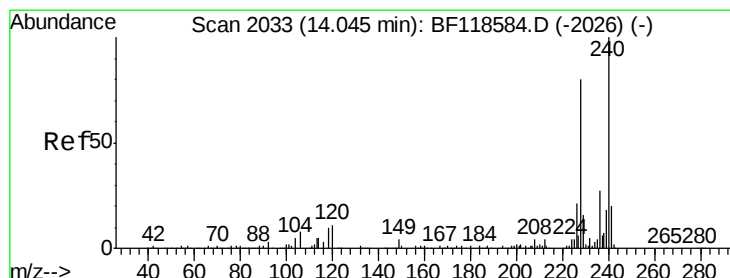
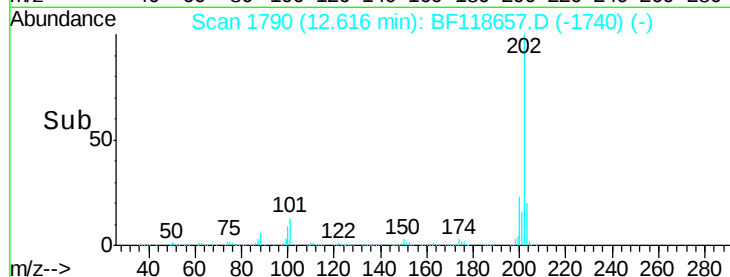
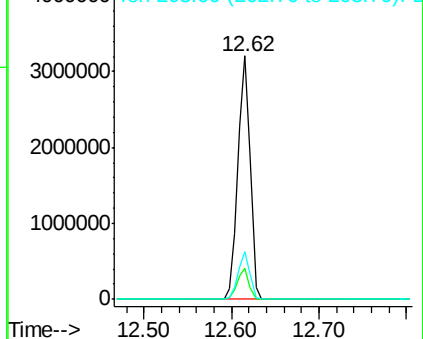
203 19.9 0.8 40.8



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: 14.05 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

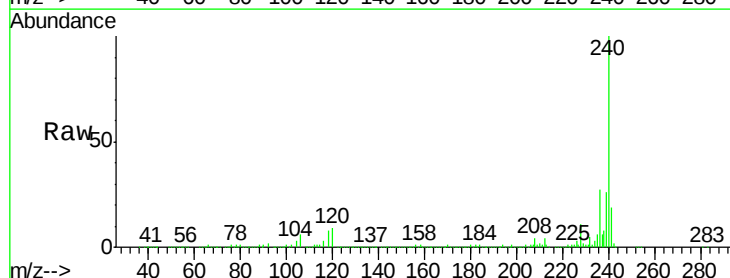
Tgt Ion:240 Resp: 1112995

Ion Ratio Lower Upper

240 100

120 9.5 8.9 13.3

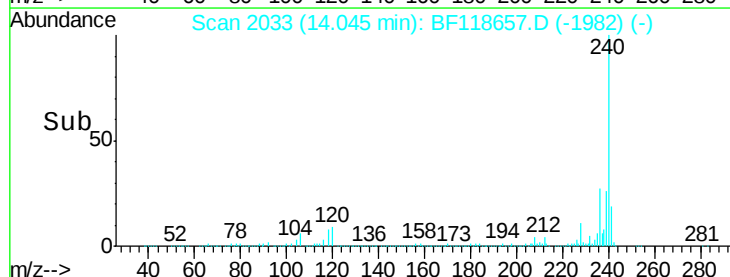
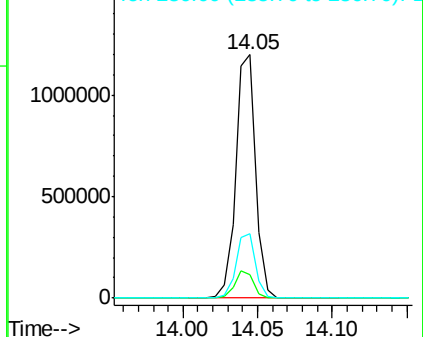
236 26.5 21.5 32.3

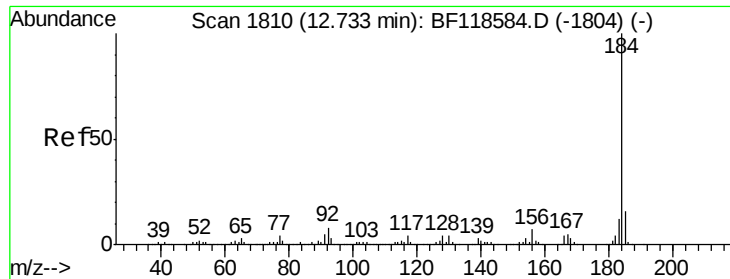


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

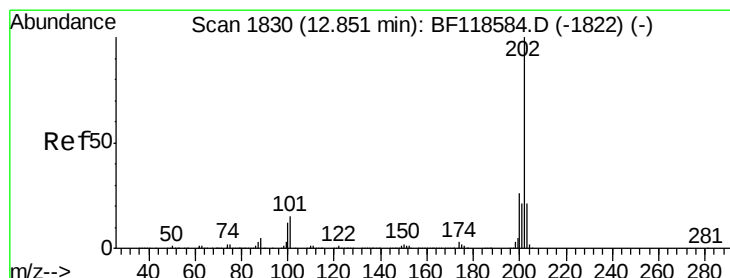
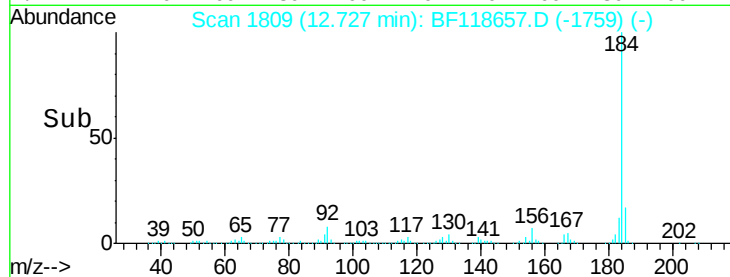
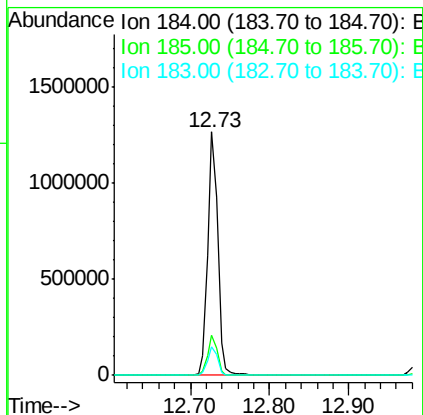
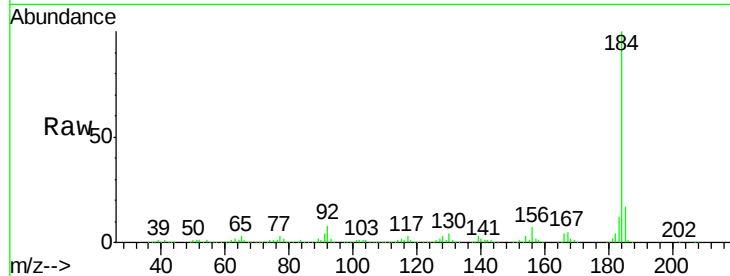




#77
Benzidine
Concen: 38.018 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

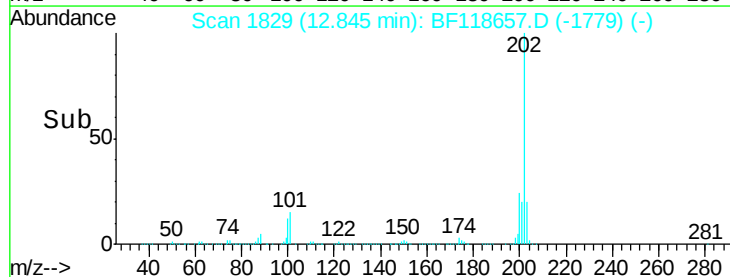
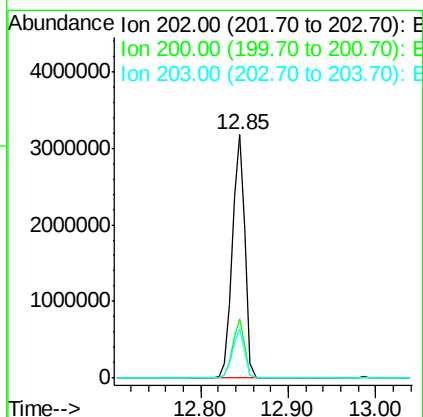
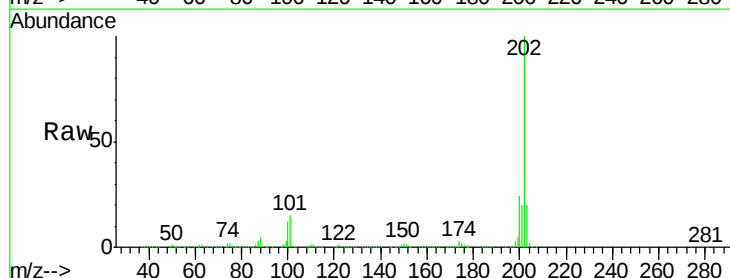
Instrument :
BNA_F
ClientSampleId :

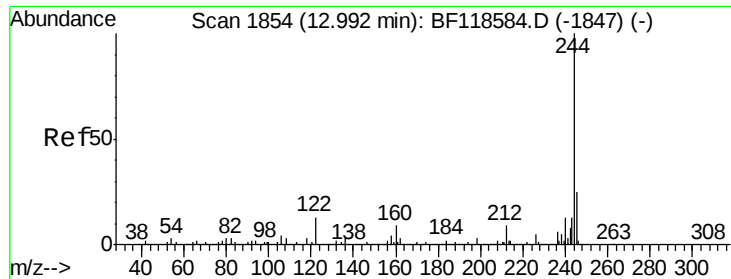
Tot Ion:184 Resp: 1130581
Ion Ratio Lower Upper
184 100
185 16.6 12.9 19.3
183 12.0 9.6 14.4



#78
Pyrene
Concen: 41.369 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Tgt Ion:202 Resp: 3125933
Ion Ratio Lower Upper
202 100
200 24.1 20.6 31.0
203 20.0 16.8 25.2





#79

Terphenyl-d14

Concen: 79.333 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Instrument :

BNA_F

ClientSampled :

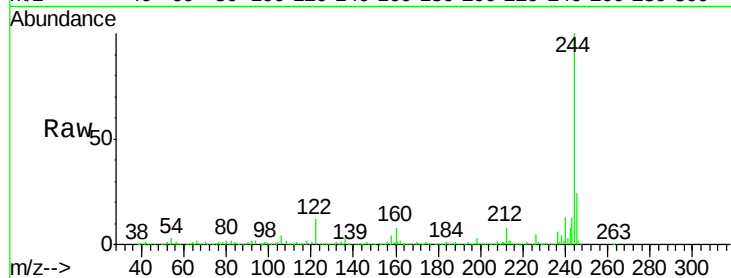
Tot Ion:244 Resp: 4048291

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.4
122	12.2	10.7	16.1

244 100

212 8.3 7.0 10.4

122 12.2 10.7 16.1

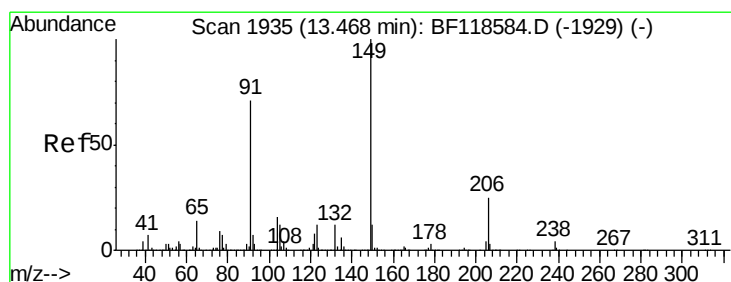
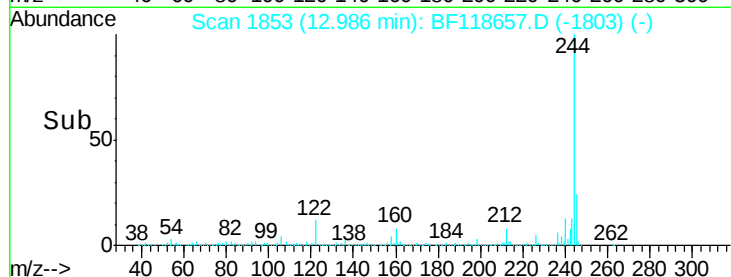
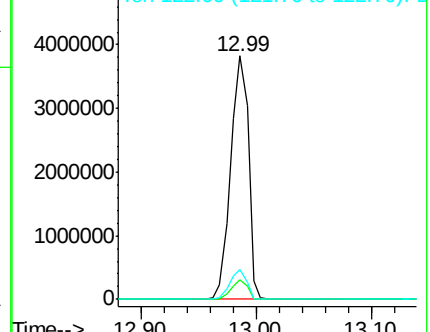


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.214 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

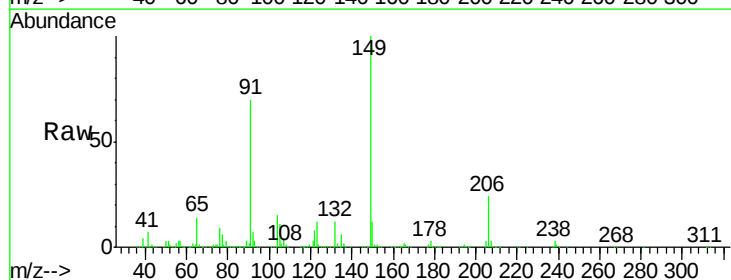
Tgt Ion:149 Resp: 1274531

Ion	Ratio	Lower	Upper
149	100		
91	70.2	56.5	84.7
206	23.6	19.9	29.9

149 100

91 70.2 56.5 84.7

206 23.6 19.9 29.9

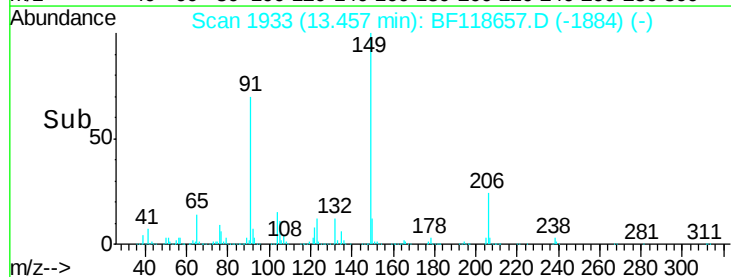
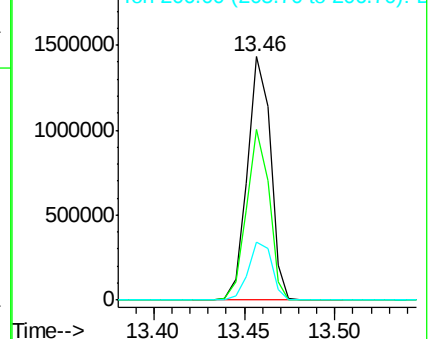


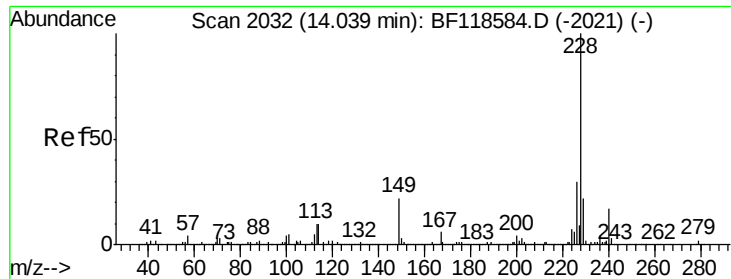
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

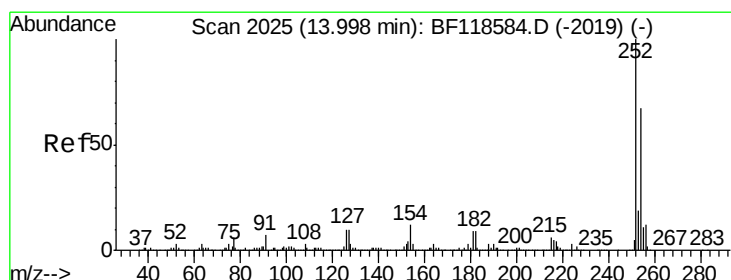
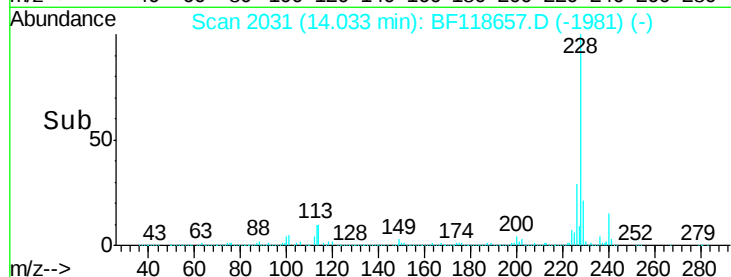
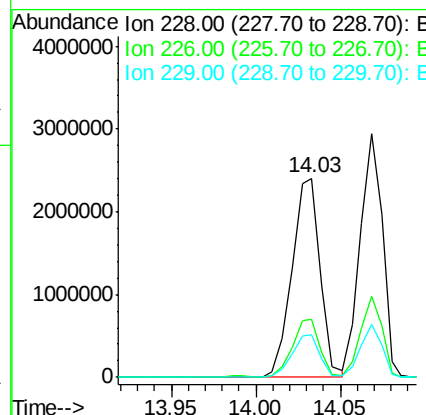
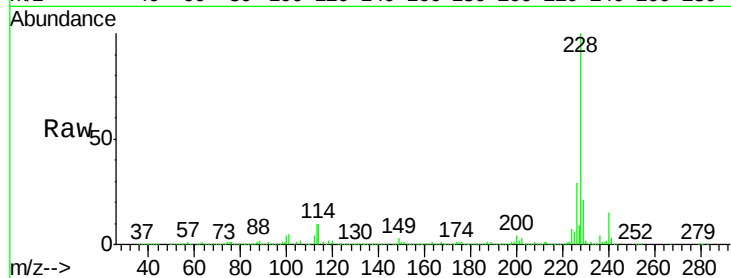




#81
Benzo(a)anthracene
Concen: 41.812 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

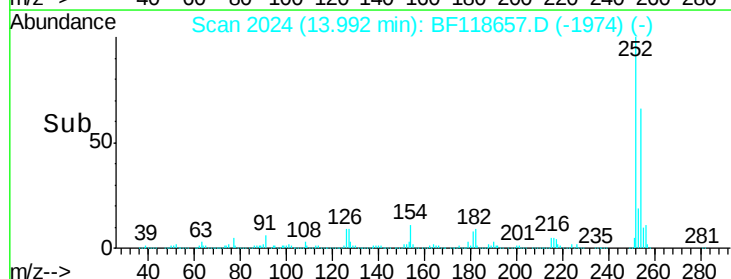
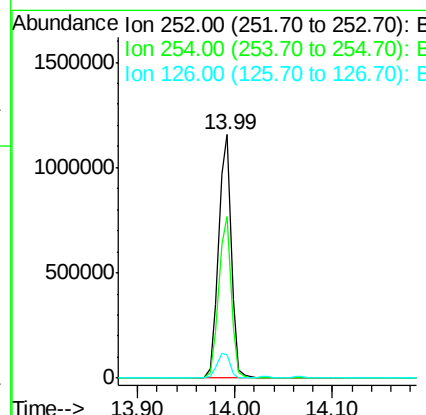
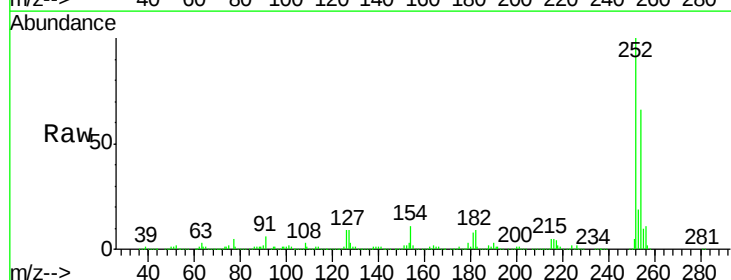
Instrument :
BNA_F
ClientSampleId :

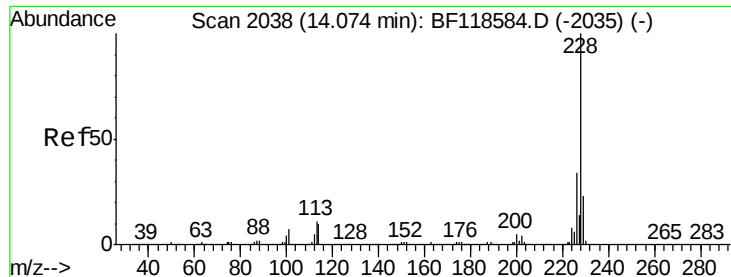
Tot Ion:228 Resp: 2799415
Ion Ratio Lower Upper
228 100
226 29.2 24.1 36.1
229 21.2 17.6 26.4



#82
3,3'-Dichlorobenzidine
Concen: 43.980 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Tgt Ion:252 Resp: 1049256
Ion Ratio Lower Upper
252 100
254 66.3 53.4 80.2
126 9.4 8.0 12.0





#83

Chrvsene

Concen: 41.915 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Instrument :

BNA_F

ClientSampleId :

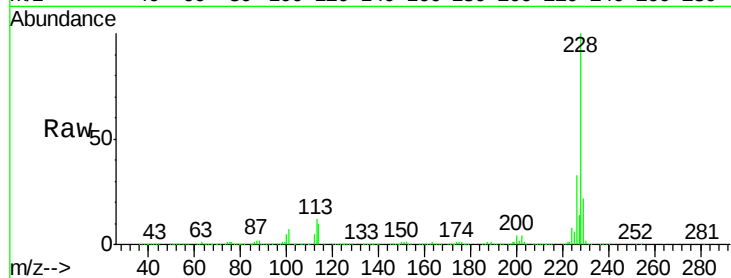
Tot Ion:228 Resp: 2689557

Ion Ratio Lower Upper

228 100

226 33.1 27.4 41.0

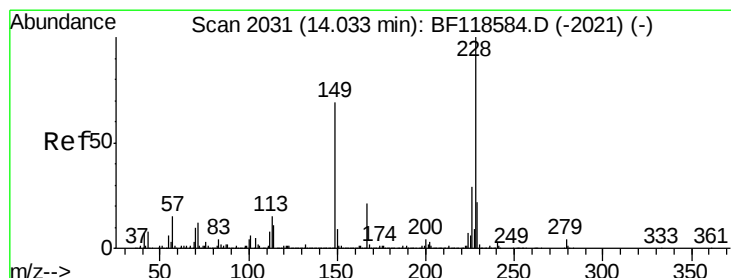
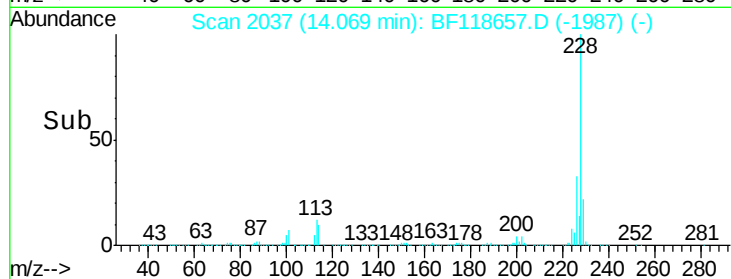
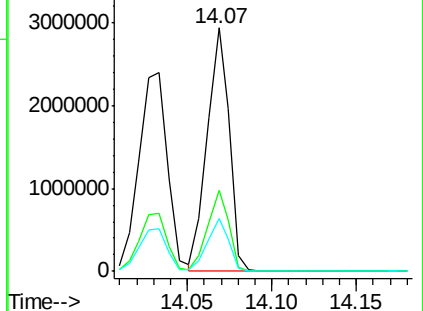
229 21.7 18.3 27.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.549 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

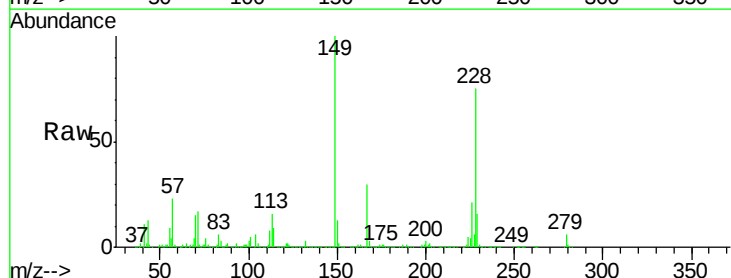
Tgt Ion:149 Resp: 1531996

Ion Ratio Lower Upper

149 100

167 30.5 24.2 36.4

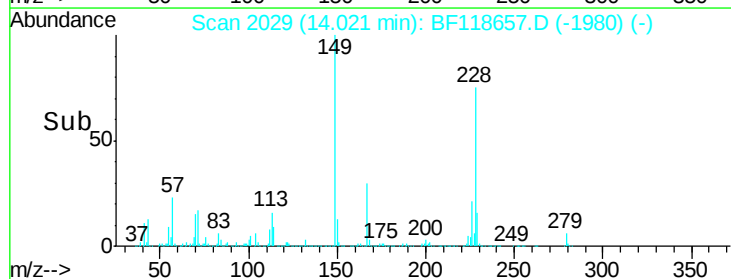
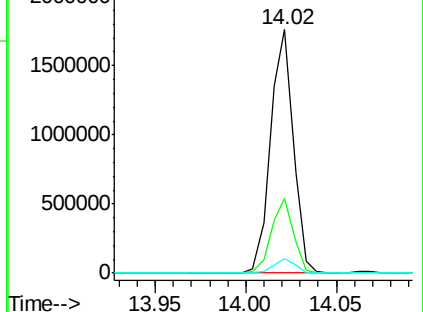
279 6.1 5.0 7.4

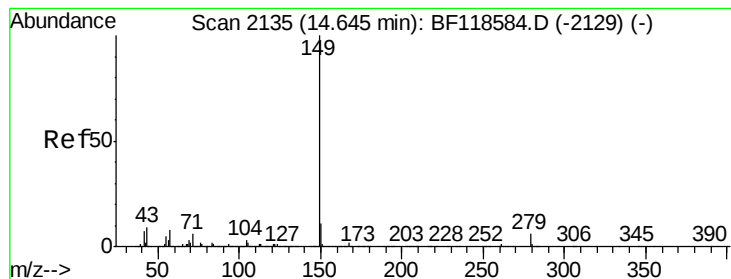


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.510 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

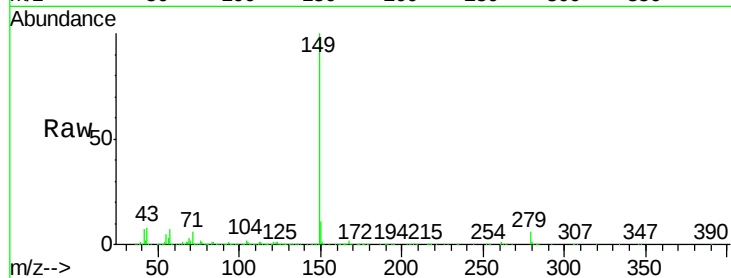
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 2377336

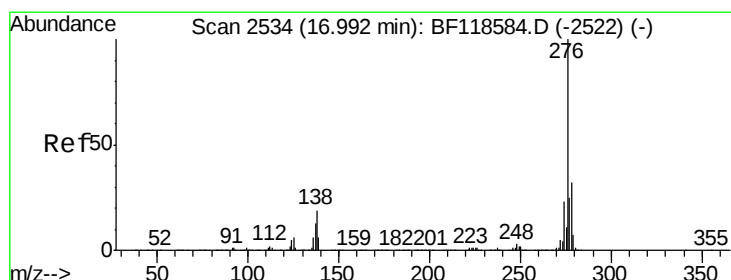
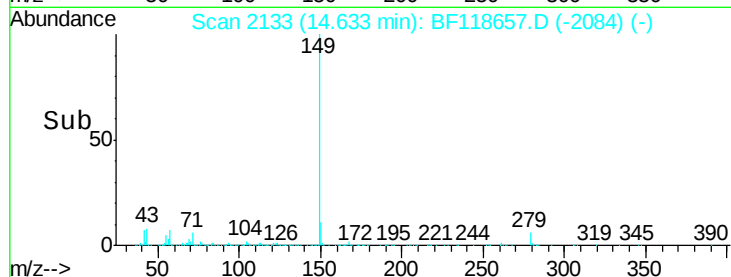
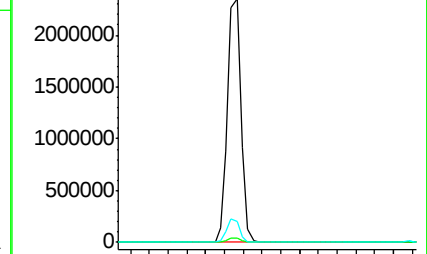
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.1	8.1	12.1



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: 39.898 ng

RT: 16.99 min Scan# 2533

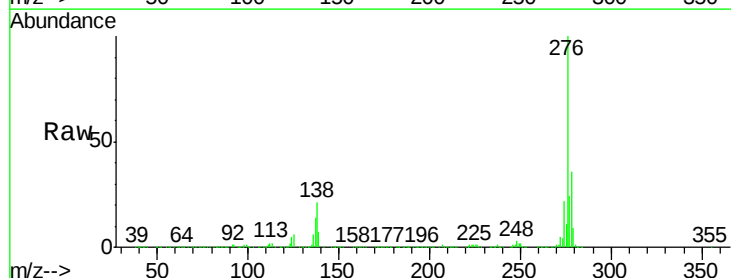
Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Tgt Ion:276 Resp: 2224489

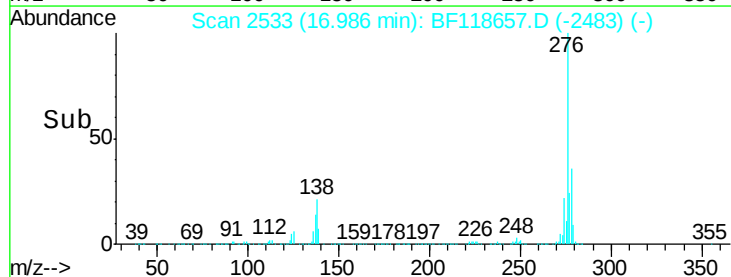
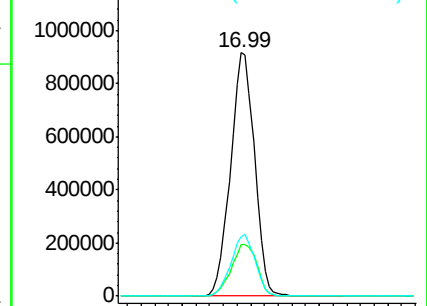
Ion	Ratio	Lower	Upper
276	100		
138	22.8	17.2	25.8
277	25.5	20.5	30.7

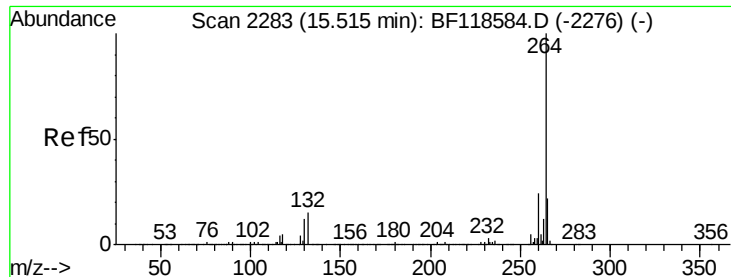


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



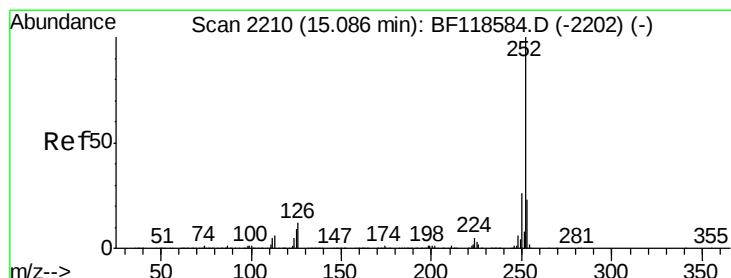
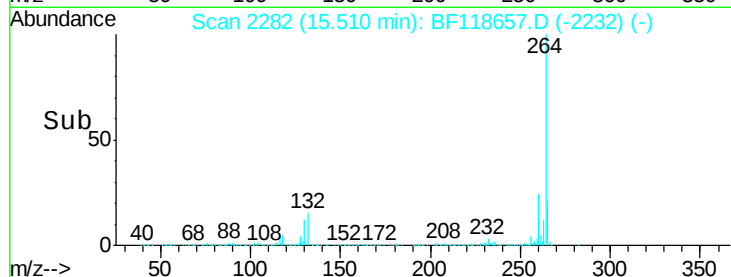
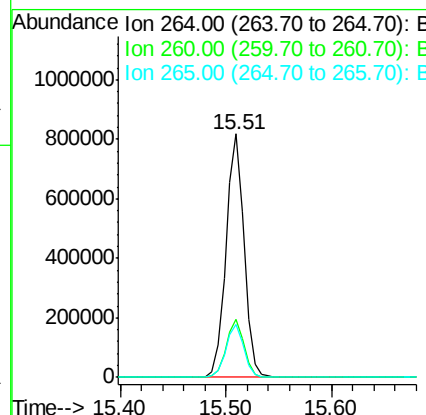
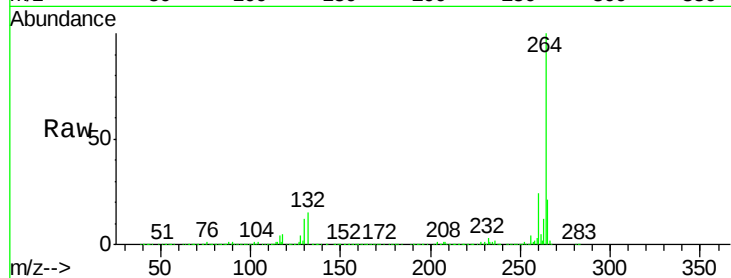


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 972330

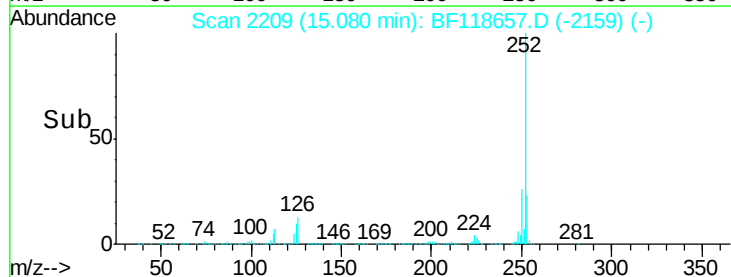
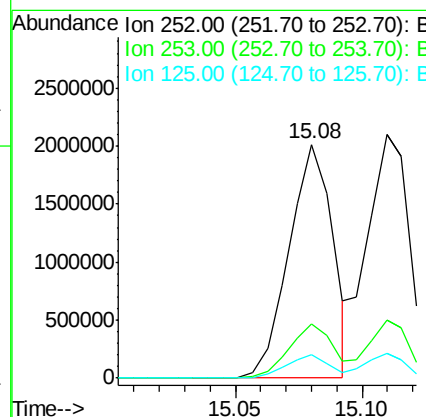
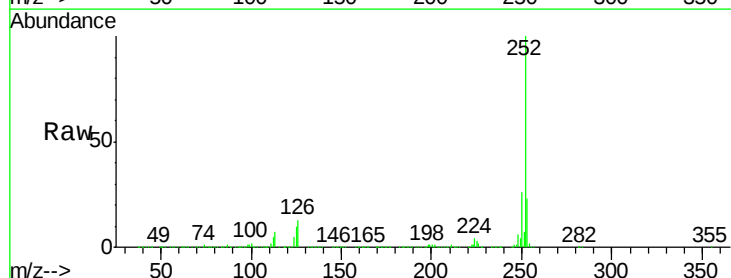
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.5	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 39.751 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Tgt Ion:252 Resp: 2429474

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	9.9	7.3	10.9

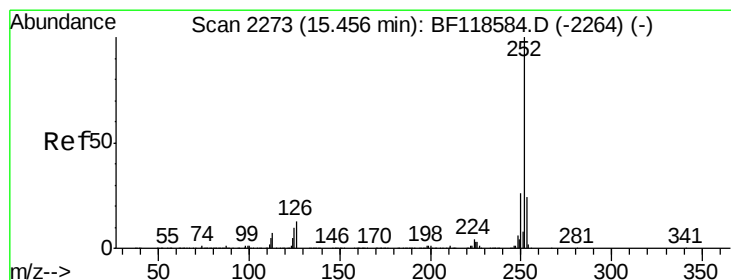
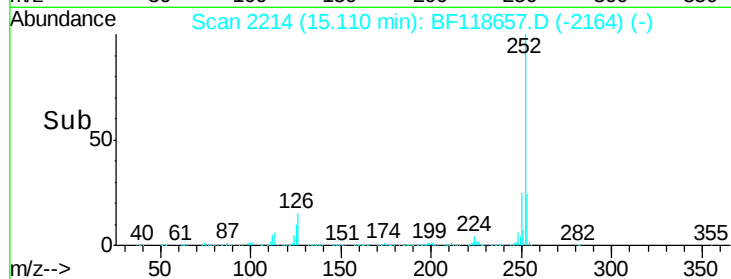
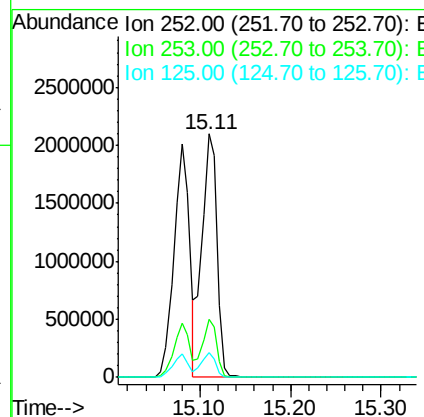
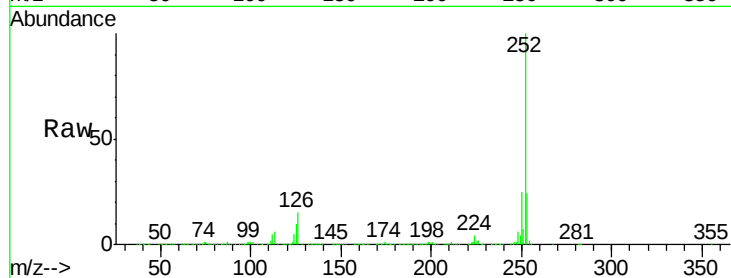




#89
Benzo(k)fluoranthene
Concen: 42.964 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

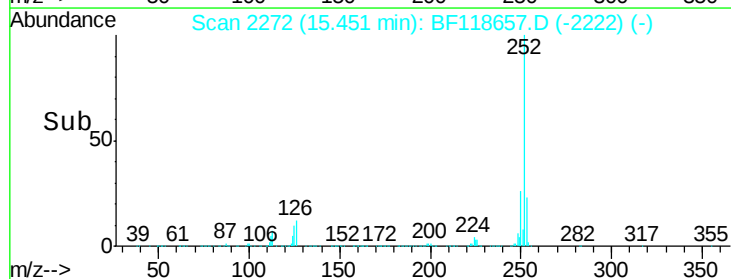
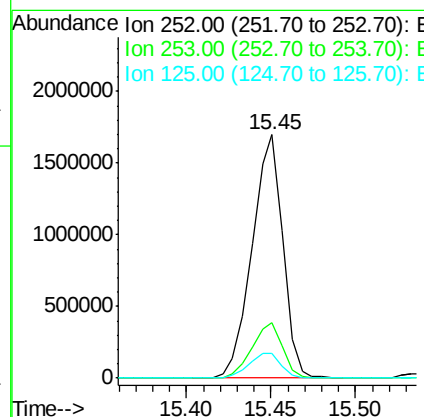
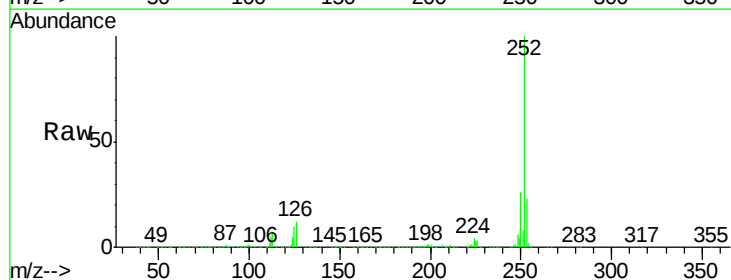
Instrument :
BNA_F
ClientSampleId :

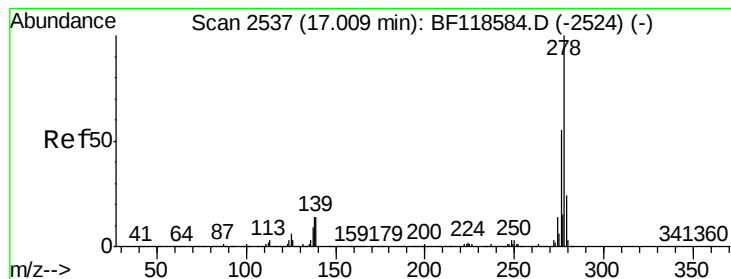
Tot Ion:252 Resp: 2432747
Ion Ratio Lower Upper
252 100
253 23.6 19.0 28.4
125 10.2 7.6 11.4



#90
Benzo(a)pyrene
Concen: 41.016 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118657.D
Acq: 22 Jan 2020 9:53

Tgt Ion:252 Resp: 2162434
Ion Ratio Lower Upper
252 100
253 22.9 18.8 28.2
125 10.1 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 38.631 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

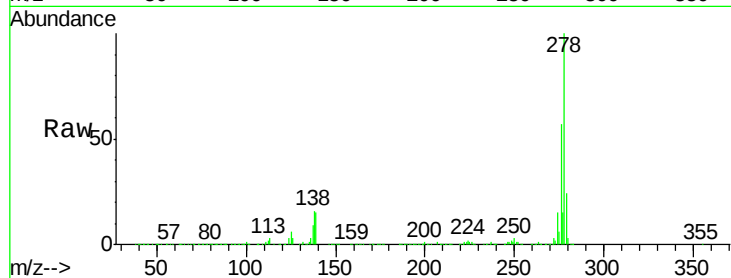
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1801580

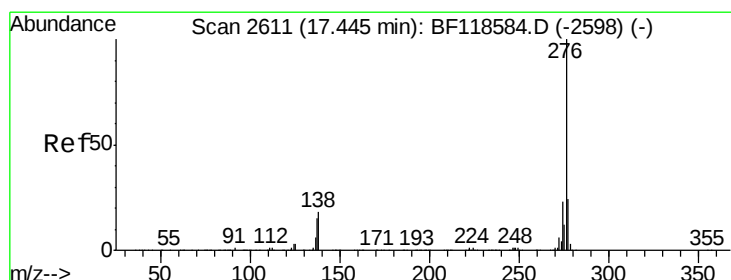
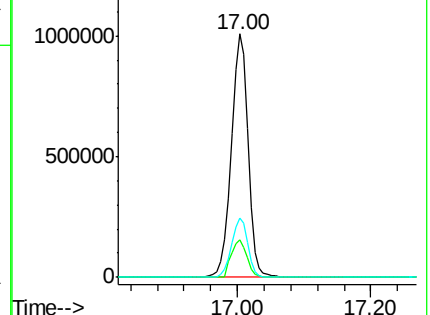
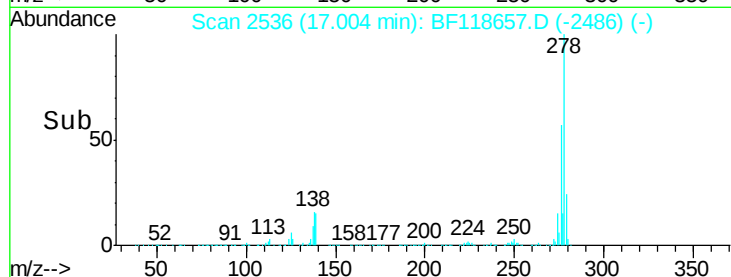
Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.4	17.0
279	24.3	19.0	28.6



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: 39.590 ng

RT: 17.43 min Scan# 2609

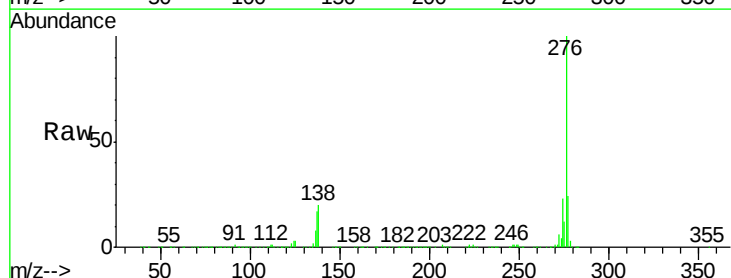
Delta R.T. -0.01 min

Lab File: BF118657.D

Acq: 22 Jan 2020 9:53

Tgt Ion:276 Resp: 1792679

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	20.2	14.4	21.6



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

