

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107577.D
 Acq On : 21 Jul 2018 15:34
 Operator : JU/SJ
 Sample : PB111309BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

Quant Time: Jul 23 03:29:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	330257	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1218096	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	507274	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	889789	20.00	ng	0.00
75) Chrysene-d12	14.17	240	715116	20.00	ng	0.00
86) Perylene-d12	15.69	264	646816	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1655473	80.59	ng	0.00
7) Phenol-d6	6.61	99	1973035	80.00	ng	0.00
23) Nitrobenzene-d5	7.54	82	1810820	100.33	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	515588	89.38	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	3003712	109.65	ng	0.00
78) Terphenyl-d14	13.10	244	2424627	86.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	313290	32.769	ng	# 87
3) Pyridine	3.67	79	874579	33.625	ng	# 85
4) n-Nitrosodimethylamine	3.64	42	409216	37.304	ng	96
6) Aniline	6.64	93	683787	21.495	ng	# 82
8) 2-Chlorophenol	6.77	128	902433	41.007	ng	97
9) Benzaldehyde	6.53	77	394195	23.503	ng	94
10) Phenol	6.62	94	1071892	36.953	ng	96
11) bis(2-Chloroethyl)ether	6.71	93	869391	36.152	ng	91
12) 1,3-Dichlorobenzene	6.91	146	956450	38.333	ng	97
13) 1,4-Dichlorobenzene	6.99	146	1009264	39.466	ng	98
14) 1,2-Dichlorobenzene	7.15	146	895519	39.021	ng	99
15) Benzyl Alcohol	7.12	79	702288	41.779	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1473359	36.316	ng	85
17) 2-Methylphenol	7.23	107	764424	40.869	ng	# 92
18) Hexachloroethane	7.48	117	313725	34.976	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	607094	38.102	ng	97
20) 3+4-Methylphenols	7.38	107	937350	42.204	ng	# 69
22) Acetophenone	7.38	105	1248125	43.630	ng	# 90
24) Nitrobenzene	7.56	77	925714	44.779	ng	99
25) Isophorone	7.80	82	1705669	44.259	ng	97
26) 2-Nitrophenol	7.87	139	463088	53.045	ng	95
27) 2,4-Dimethylphenol	7.91	122	802431	48.559	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	1123260	43.614	ng	99
29) 2,4-Dichlorophenol	8.12	162	750271	44.420	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	789050	41.594	ng	99
31) Naphthalene	8.28	128	2413058	45.049	ng	97
32) Benzoic acid	8.04	122	469235	41.880	ng	99
33) 4-Chloroaniline	8.34	127	155677	6.649	ng	# 93
34) Hexachlorobutadiene	8.39	225	466135	41.352	ng	99
35) Caprolactam	8.71	113	164670	29.974	ng	# 76
36) 4-Chloro-3-methylphenol	8.82	107	808071	43.069	ng	99
37) 2-Methylnaphthalene	8.97	142	1657217	44.647	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	779755	46.086	ng	97
40) Hexachlorocyclopentadiene	9.12	237	391346	45.500	ng	99

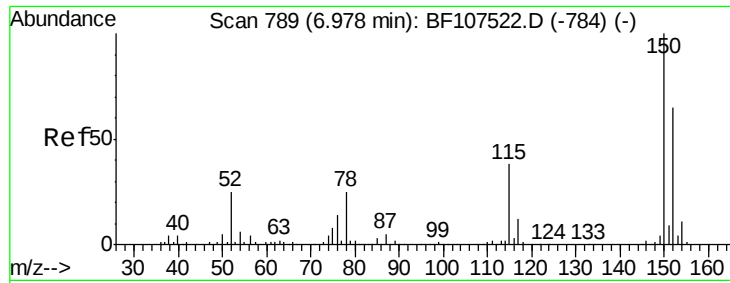
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	493995	45.613	ng	100
43) 2,4,5-Trichlorophenol	9.30	196	528397	46.683	ng	94
45) 1,1'-Biphenyl	9.44	154	1964808	44.463	ng	97
46) 2-Chloronaphthalene	9.47	162	1471609	43.568	ng	99
47) 2-Nitroaniline	9.57	65	511384	51.932	ng	89
48) Acenaphthylene	9.88	152	2273914	44.815	ng	95
49) Dimethylphthalate	9.74	163	1796404	46.988	ng	98
50) 2,6-Dinitrotoluene	9.80	165	370435	48.802	ng	# 89
51) Acenaphthene	10.05	154	1431514	45.028	ng	98
52) 3-Nitroaniline	9.98	138	234302	25.373	ng	97
53) 2,4-Dinitrophenol	10.08	184	177274	58.073	ng	# 25
54) Dibenzofuran	10.22	168	1978115	42.264	ng	95
55) 4-Nitrophenol	10.15	139	561018	81.146	ng	97
56) 2,4-Dinitrotoluene	10.21	165	451840	49.314	ng	96
57) Fluorene	10.57	166	1537309	46.041	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.34	232	419730	44.556	ng	89
59) Diethylphthalate	10.44	149	1754293	43.936	ng	95
60) 4-Chlorophenyl-phenylether	10.56	204	784913	41.582	ng	92
61) 4-Nitroaniline	10.60	138	333925	43.041	ng	98
62) Azobenzene	10.72	77	1550992	41.425	ng	92
64) 4,6-Dinitro-2-methylphenol	10.62	198	125343	32.583	ng	89
65) n-Nitrosodiphenylamine	10.68	169	1375203	45.507	ng	97
66) 4-Bromophenyl-phenylether	11.05	248	471202	44.986	ng	93
67) Hexachlorobenzene	11.12	284	493971	42.861	ng	# 87
68) Atrazine	11.20	200	428522	46.444	ng	96
69) Pentachlorophenol	11.31	266	509841	70.824	ng	98
70) Phenanthrene	11.54	178	1918246	44.240	ng	99
71) Anthracene	11.59	178	2047461	46.899	ng	97
72) Carbazole	11.75	167	1914570	42.173	ng	98
73) Di-n-butylphthalate	12.06	149	2356896	53.303	ng	97
74) Fluoranthene	12.73	202	2080902	44.723	ng	98
76) Benzidine	12.85	184	1019412	49.500	ng	98
77) Pyrene	12.96	202	2076148	42.444	ng	98
79) Butylbenzylphthalate	13.57	149	1033525	49.131	ng	95
80) Benzo(a)anthracene	14.15	228	1900430	45.349	ng	97
81) 3,3'-Dichlorobenzidine	14.11	252	582980	47.783	ng	# 97
82) Chrysene	14.19	228	1818163	45.165	ng	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	1349627	45.470	ng	99
84) Di-n-octyl phthalate	14.74	149	2325821	50.412	ng	100
85) Indeno(1,2,3-cd)pyrene	17.28	276	1582251	46.376	ng	95
87) Benzo(b)fluoranthene	15.24	252	1679711	47.450	ng	98
88) Benzo(k)fluoranthene	15.27	252	1670668	48.171	ng	98
89) Benzo(a)pyrene	15.64	252	1565495	48.346	ng	97
90) Dibenzo(a,h)anthracene	17.29	278	1344354	48.028	ng	97
91) Benzo(g,h,i)perylene	17.76	276	1292318	46.806	ng	94

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

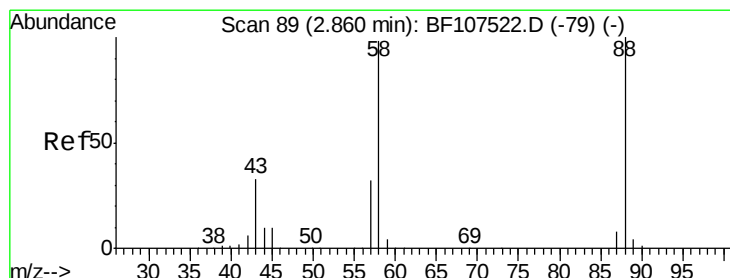
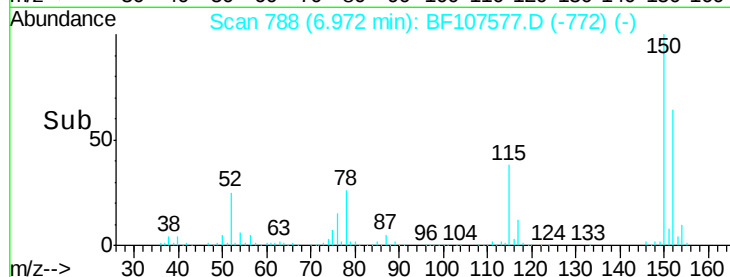
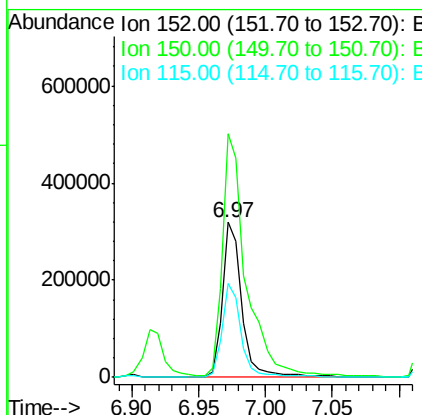
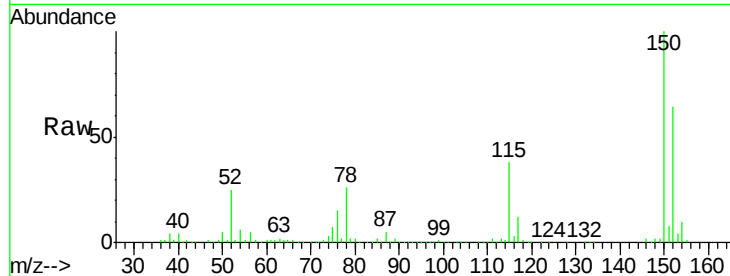


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

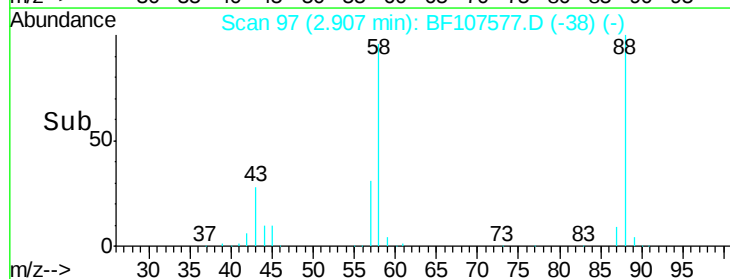
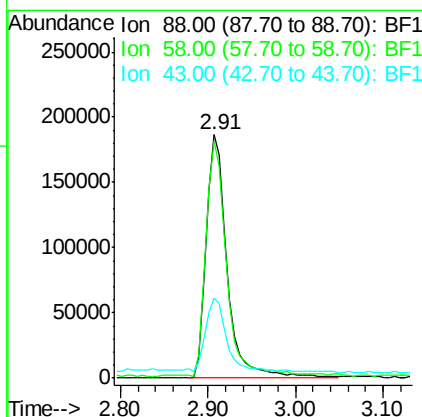
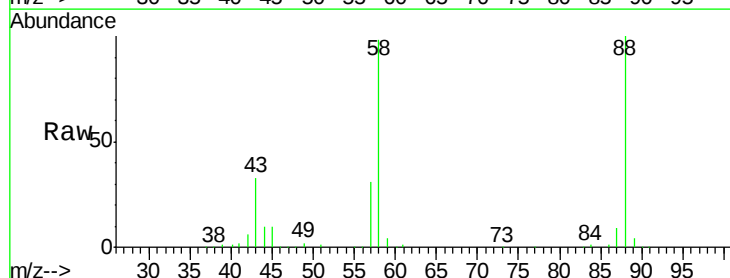
Tgt Ion:152 Resp: 330257
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 60.2 50.1 75.1

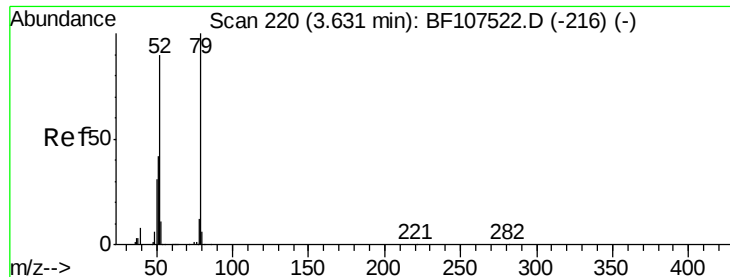


#2

1,4-Dioxane
Concen: 32.769 ng
RT: 2.91 min Scan# 97
Delta R.T. 0.05 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion: 88 Resp: 313290
Ion Ratio Lower Upper
88 100
58 94.3 62.6 93.8#
43 30.5 24.6 37.0





#3

Pyridine

Concen: 33.625 ng

RT: 3.67 min Scan# 227

Delta R.T. 0.04 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

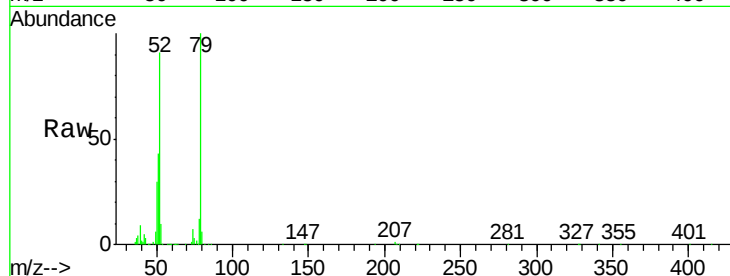
Tgt Ion: 79 Resp: 874579

Ion Ratio Lower Upper

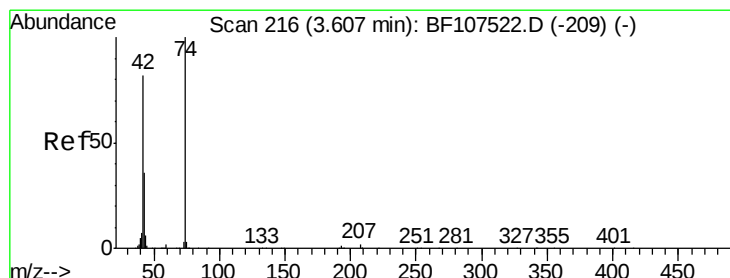
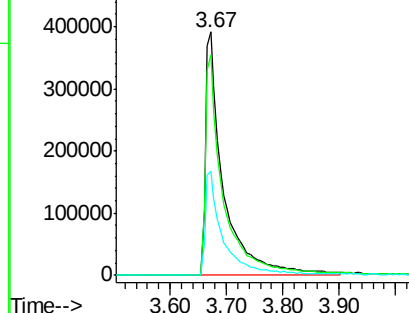
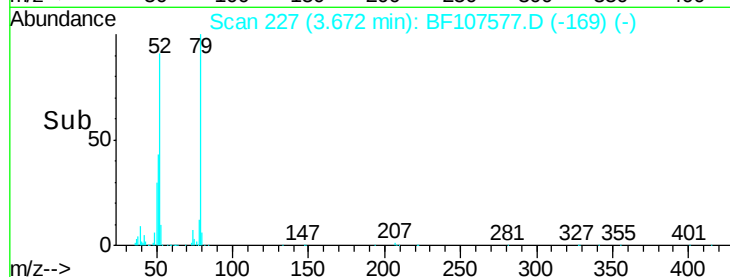
79 100

52 90.5 59.8 89.6#

51 42.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.304 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.04 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

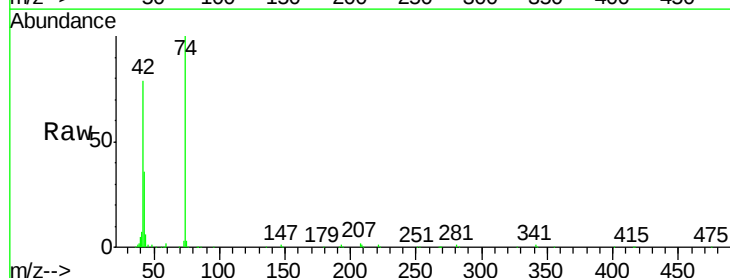
Tgt Ion: 42 Resp: 409216

Ion Ratio Lower Upper

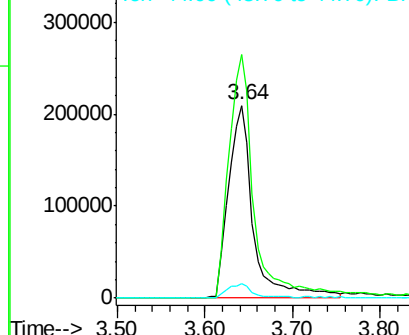
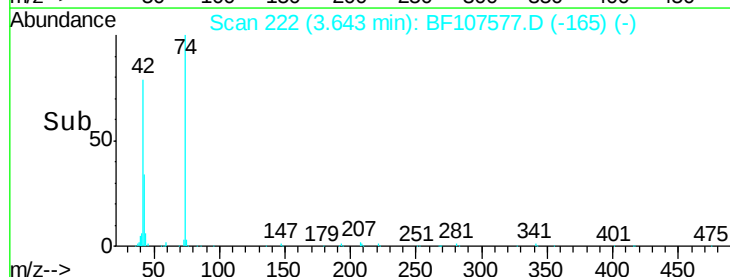
42 100

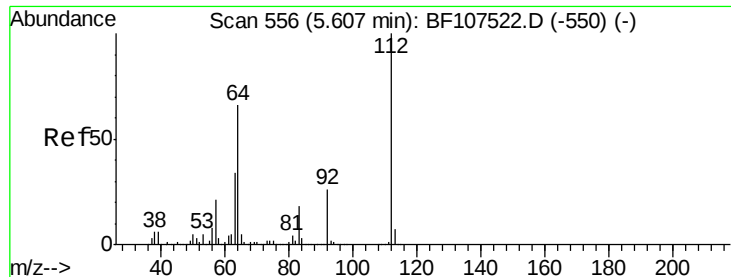
74 126.1 104.9 157.3

44 7.5 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.594 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

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BNA_F

ClientSampleId :

PB111309BS

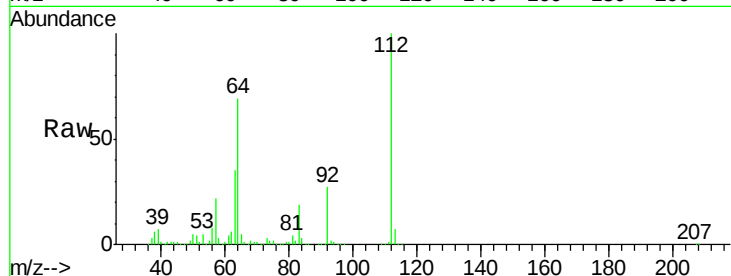
Tgt Ion:112 Resp: 1655473

Ion Ratio Lower Upper

112 100

64 68.6 47.9 71.9

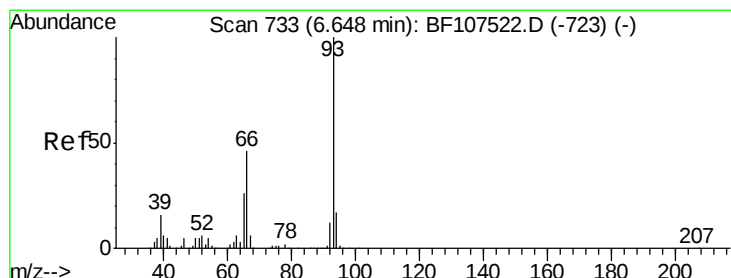
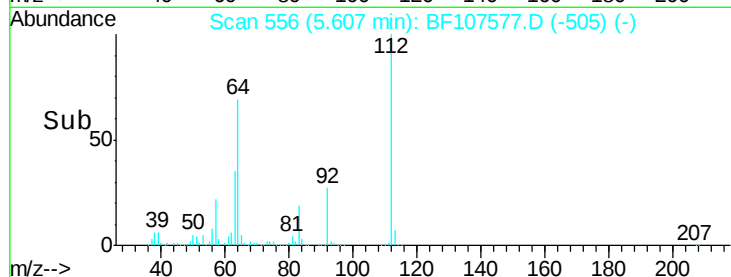
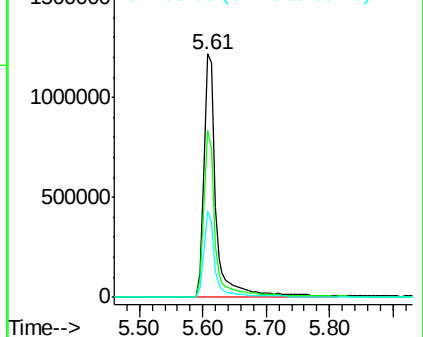
63 35.3 23.7 35.5



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: 21.495 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

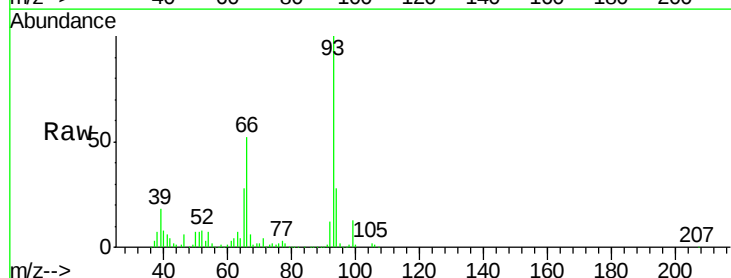
Tgt Ion: 93 Resp: 683787

Ion Ratio Lower Upper

93 100

66 51.8 32.2 48.2#

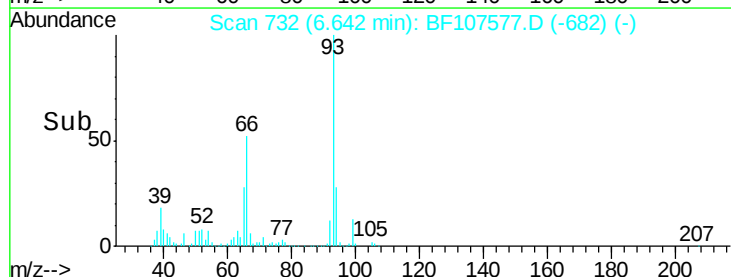
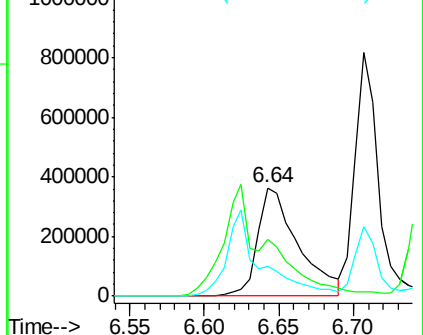
65 27.7 16.4 24.6#

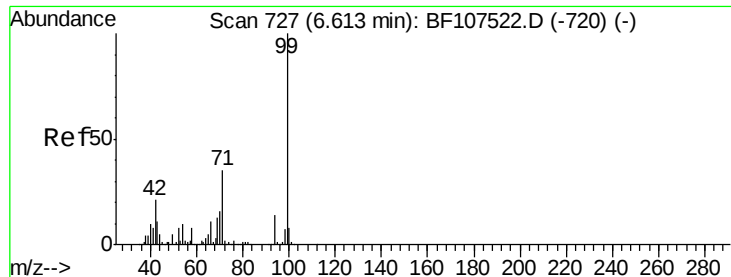


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.996 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

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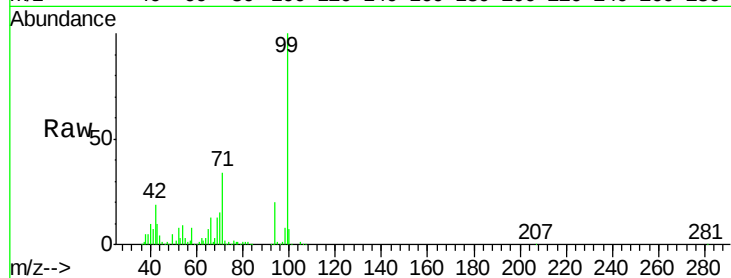
Tgt Ion: 99 Resp: 1973035

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

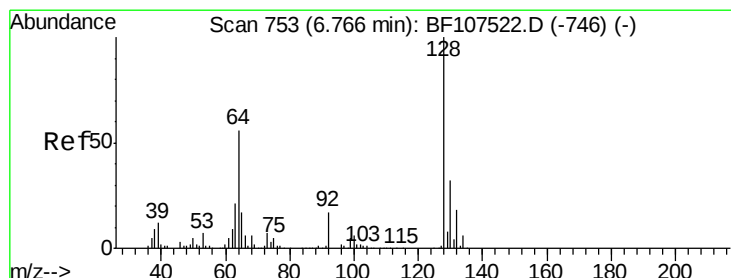
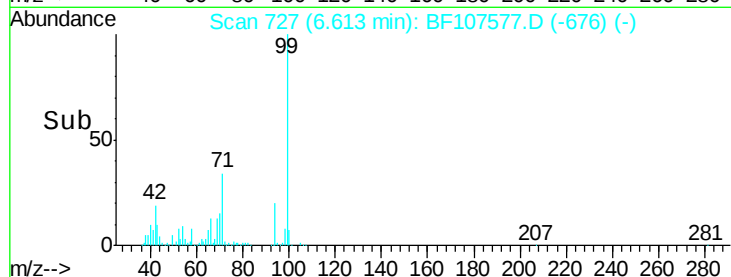
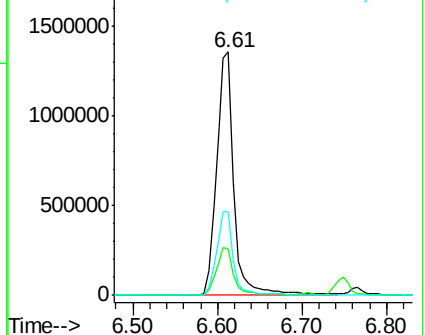
71 34.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.007 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

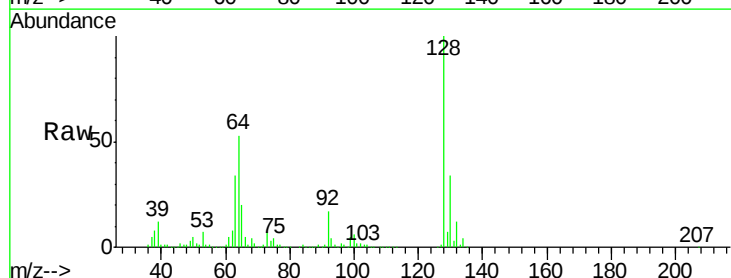
Tgt Ion: 128 Resp: 902433

Ion Ratio Lower Upper

128 100

130 33.7 13.0 53.0

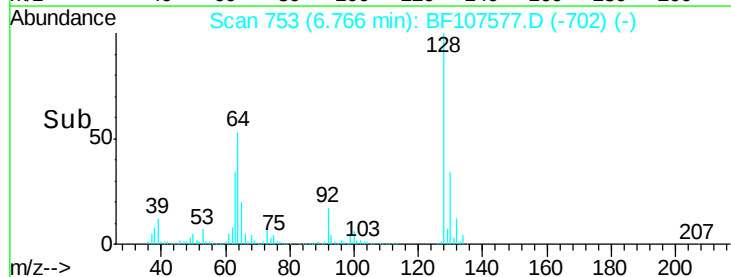
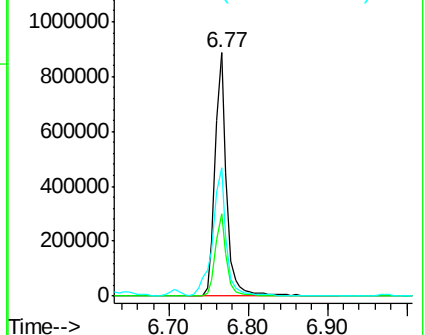
64 52.8 29.4 69.4

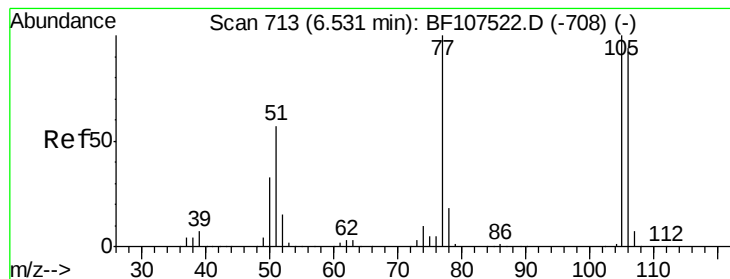


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.503 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

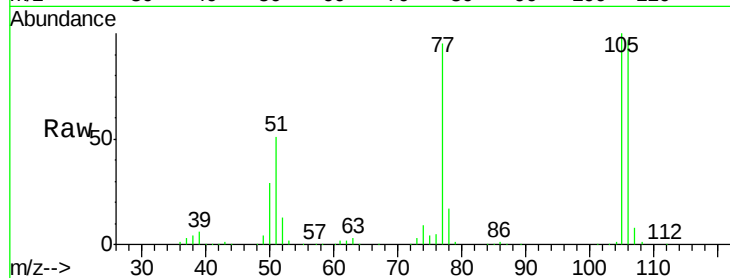
Tgt Ion: 77 Resp: 394195

Ion Ratio Lower Upper

77 100

105 105.4 81.1 121.1

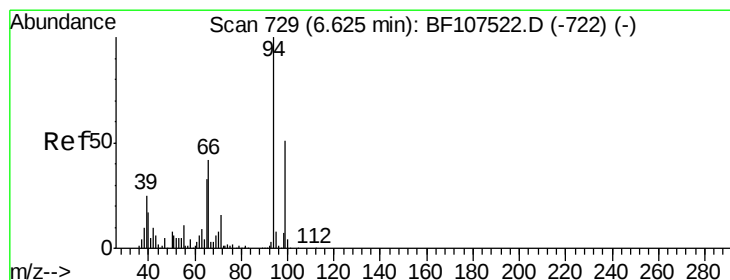
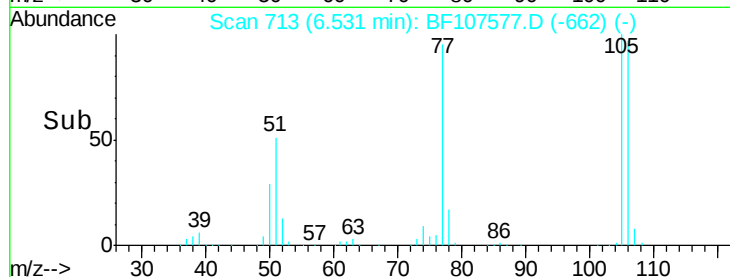
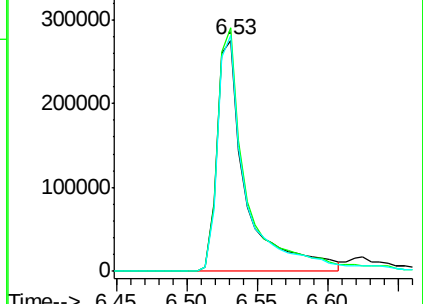
106 102.1 74.5 114.5



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: 36.953 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

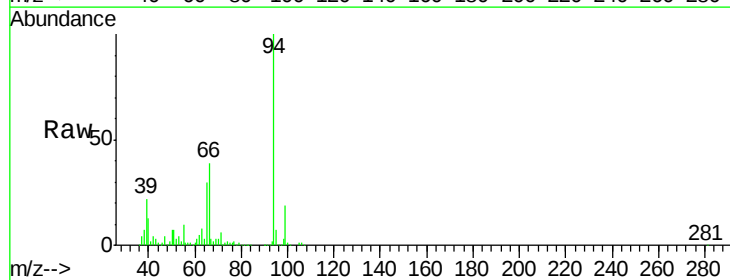
Tgt Ion: 94 Resp: 1071892

Ion Ratio Lower Upper

94 100

65 30.2 7.9 47.9

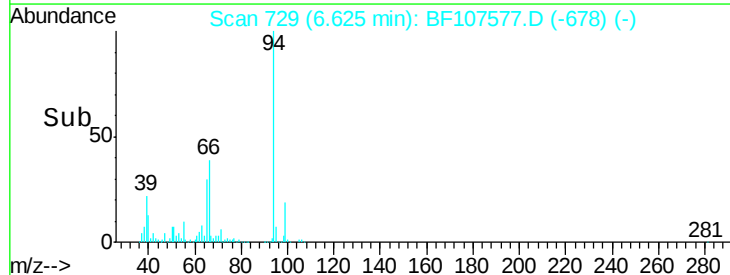
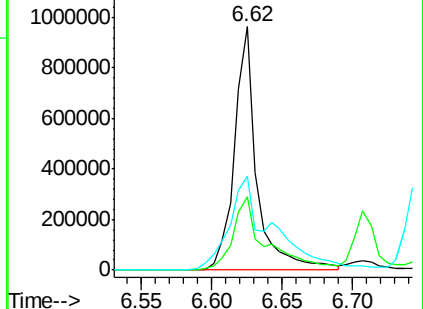
66 38.8 16.2 56.2

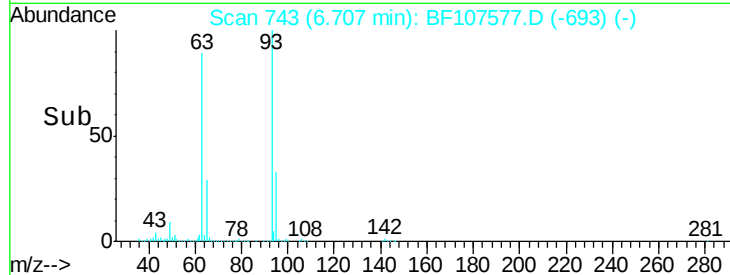
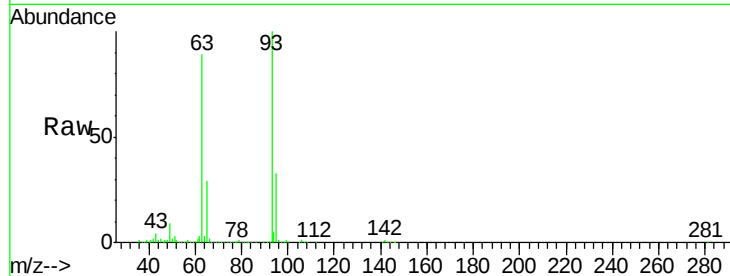
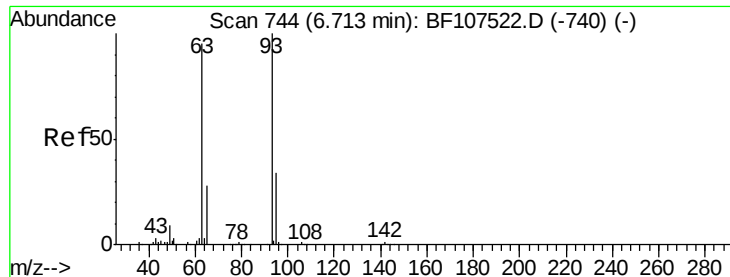


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

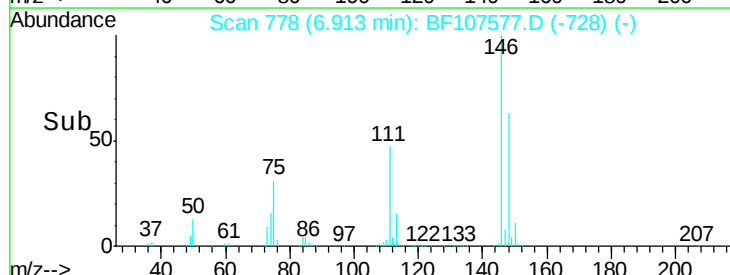
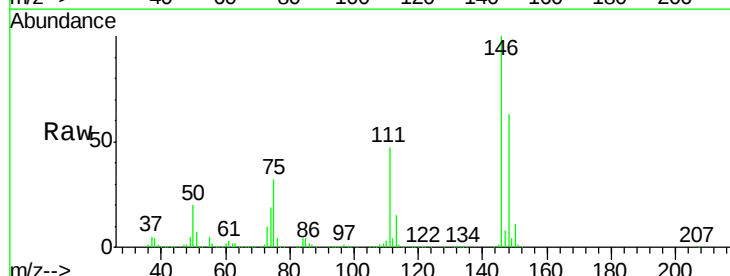
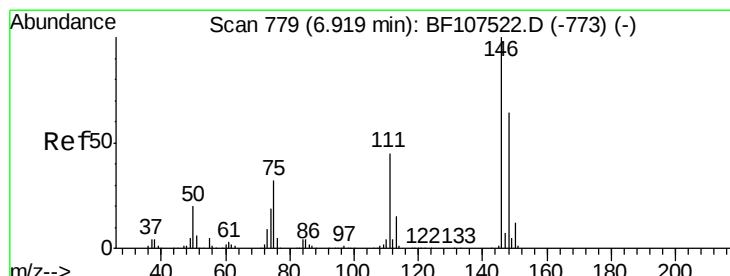
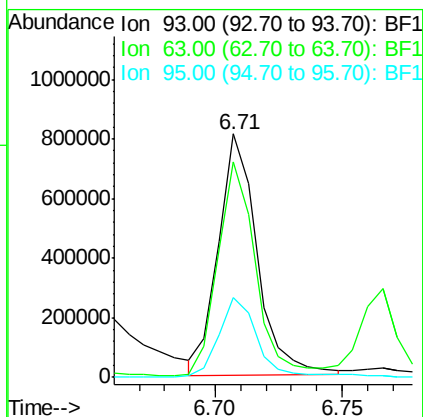




#11
bis(2-Chloroethyl)ether
Concen: 36.152 ng
RT: 6.71 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

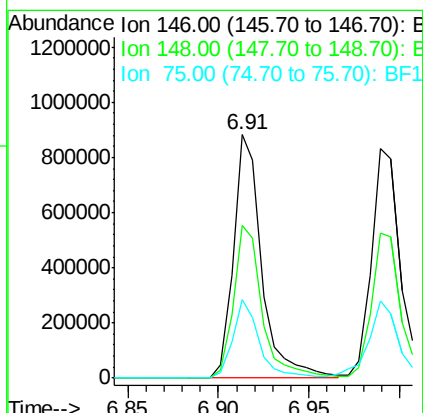
Instrument :
BNA_F
ClientSampleId :
PB111309BS

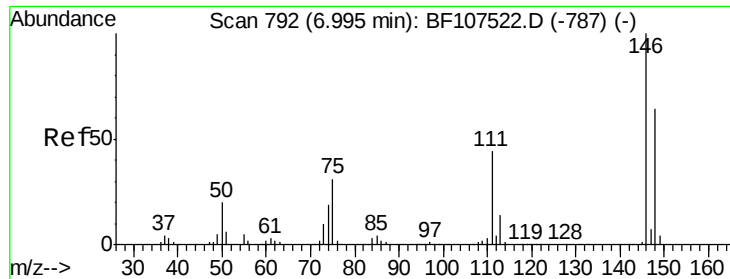
Tgt Ion:	93	Resp:	869391
Ion	Ratio	Lower	Upper
93	100		
63	88.5	58.6	98.6
95	32.8	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 38.333 ng
RT: 6.91 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion:	146	Resp:	956450
Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.8	77.8
75	32.3	24.2	36.4

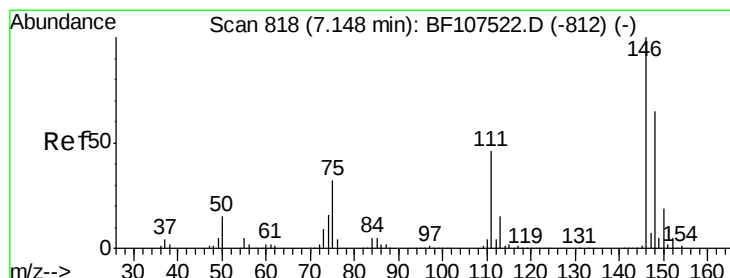
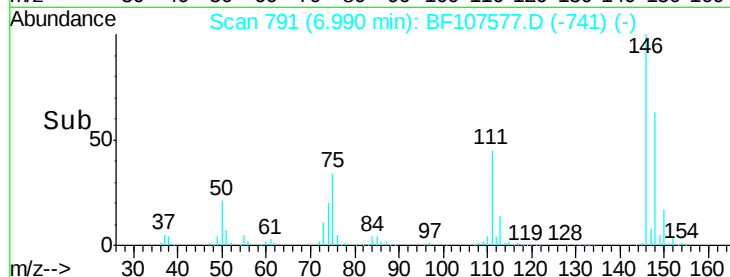
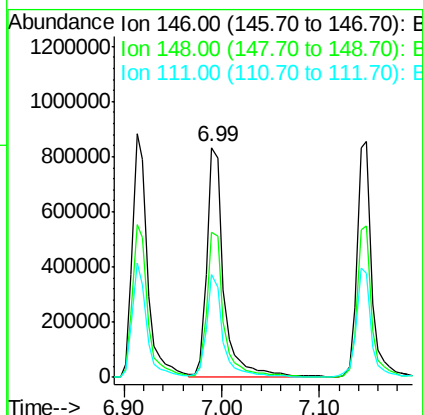
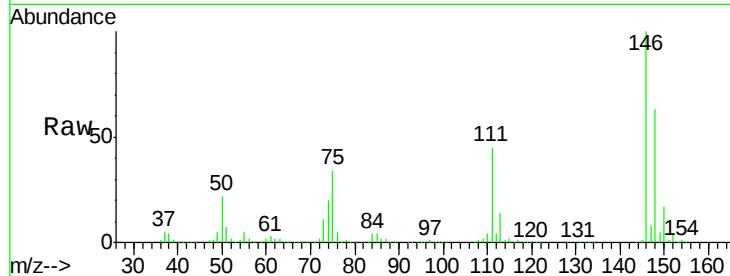




#13
 1,4-Dichlorobenzene
 Concen: 39.466 ng
 RT: 6.99 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

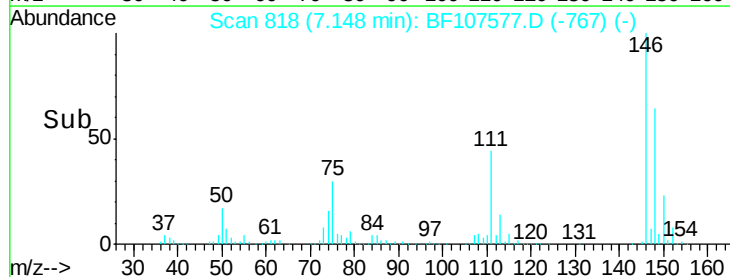
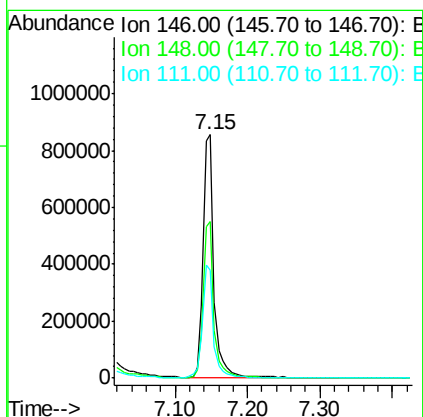
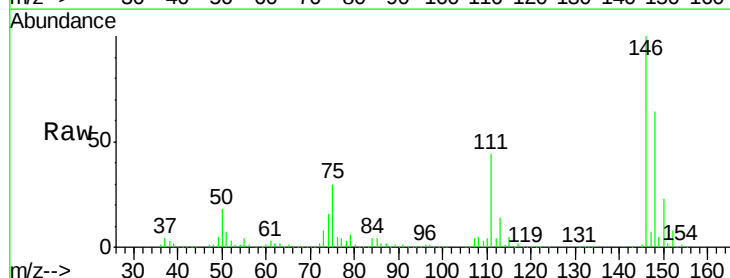
Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

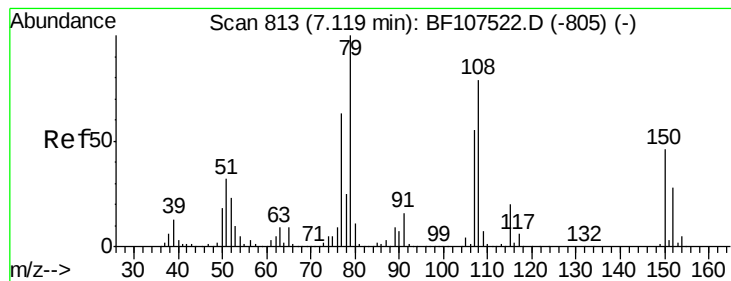
Tgt Ion:146 Resp: 1009264
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.8 76.2
 111 44.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.021 ng
 RT: 7.15 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion:146 Resp: 895519
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 44.1 36.0 54.0





#15

Benzyl Alcohol

Concen: 41.779 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

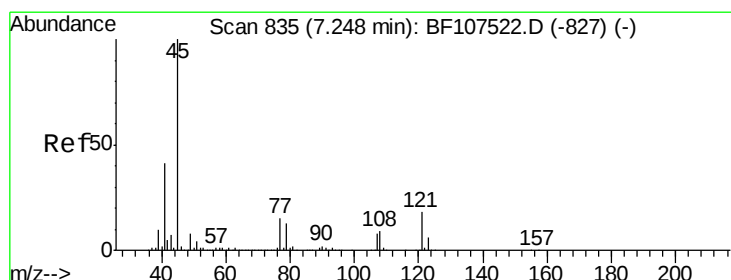
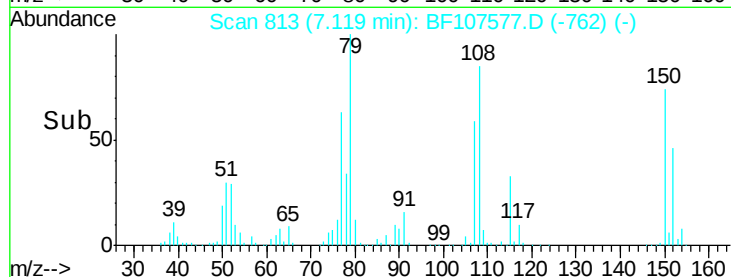
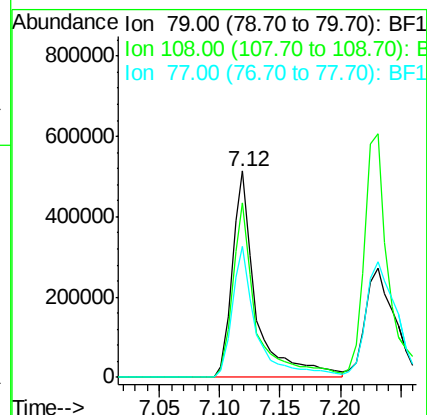
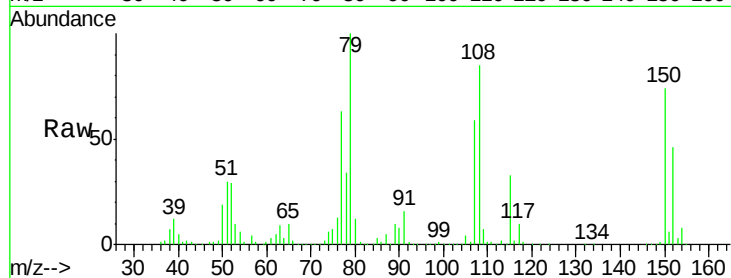
Tgt Ion: 79 Resp: 702288

Ion Ratio Lower Upper

79 100

108 84.6 65.1 97.7

77 63.2 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.316 ng

RT: 7.24 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

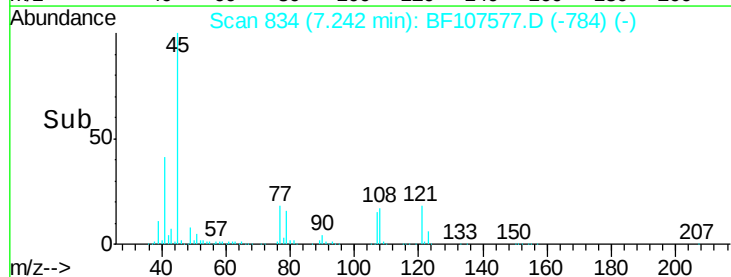
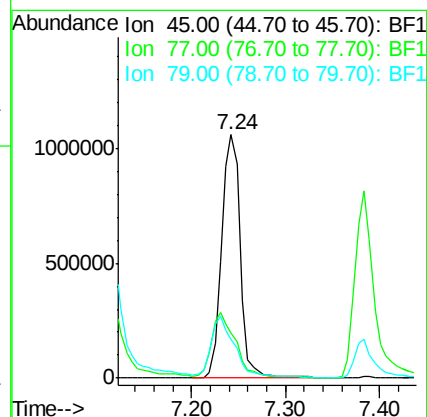
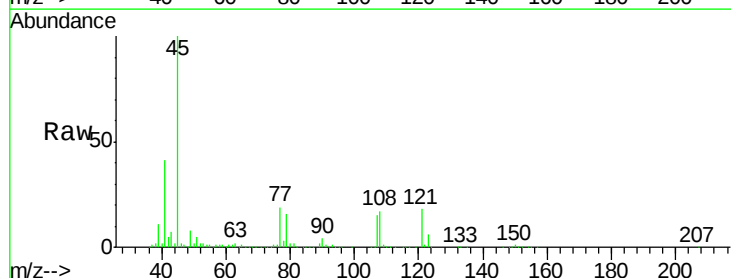
Tgt Ion: 45 Resp: 1473359

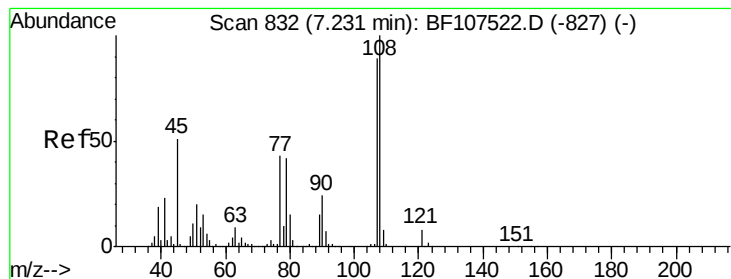
Ion Ratio Lower Upper

45 100

77 18.5 0.0 32.9

79 15.7 0.0 29.6





#17

2-Methylphenol

Concen: 40.869 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

Tgt Ion:107 Resp: 764424

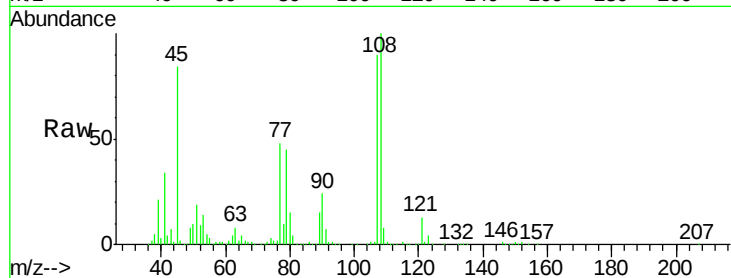
Ion Ratio Lower Upper

107 100

108 110.7 91.7 137.5

77 52.7 33.8 50.8#

79 49.6 33.8 50.8



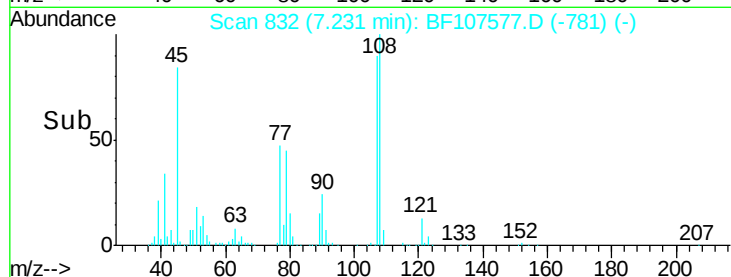
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time-->



Abundance

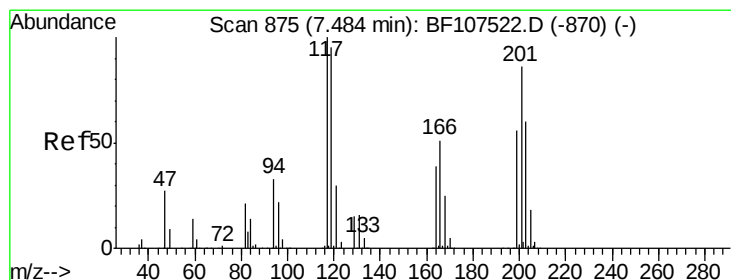
Ion 107.00 (106.70 to 107.70): E

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

Time-->



#18

Hexachloroethane

Concen: 34.976 ng

RT: 7.48 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

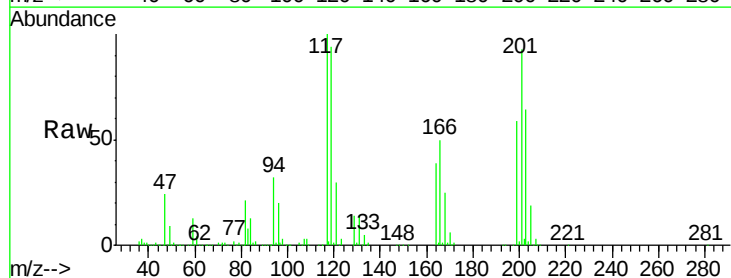
Tgt Ion:117 Resp: 313725

Ion Ratio Lower Upper

117 100

119 94.2 75.8 113.8

201 92.6 75.7 113.5

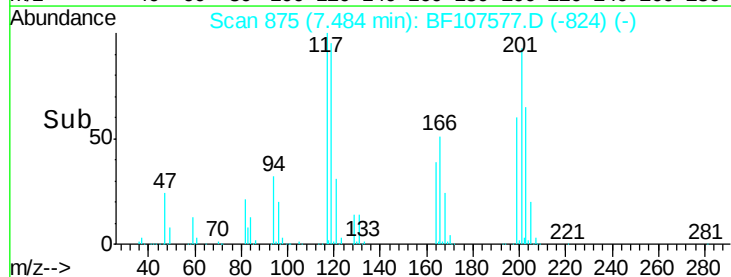


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->



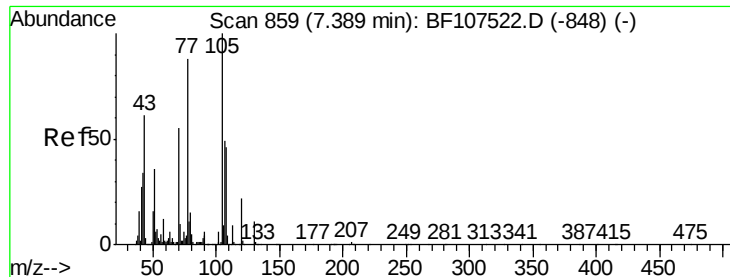
Abundance

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

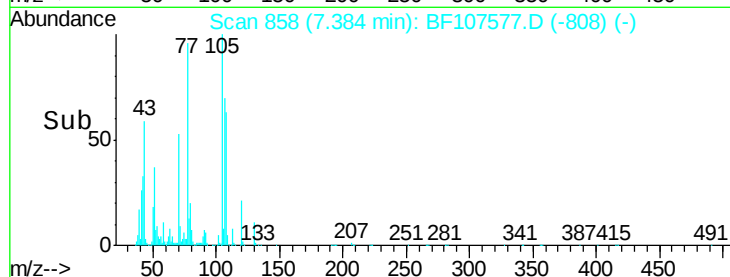
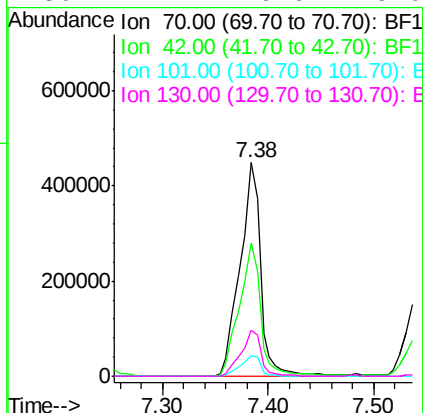
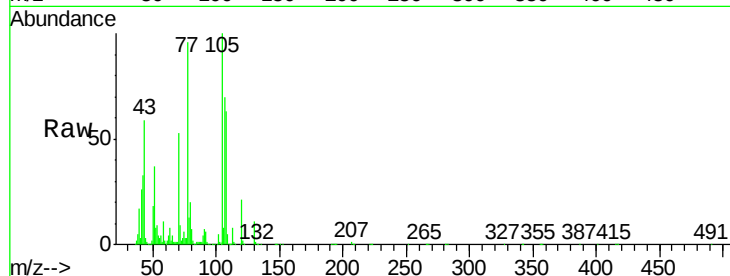
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 38.102 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

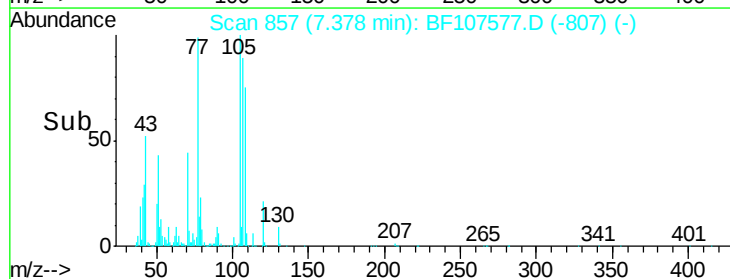
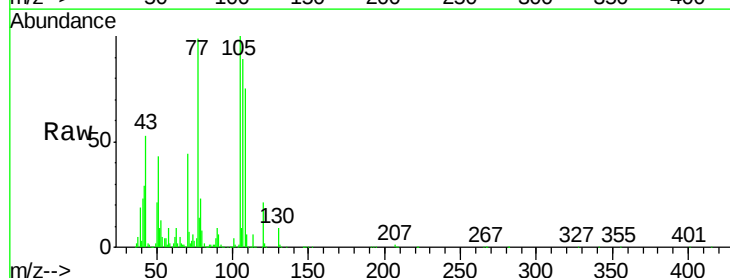
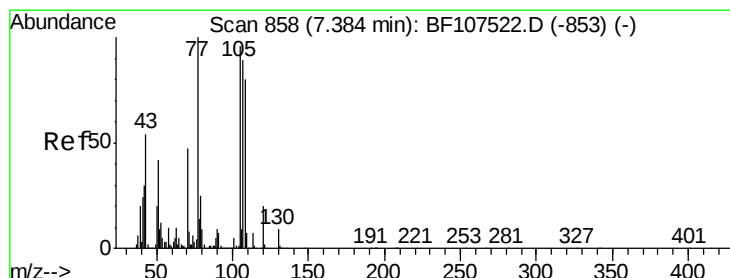
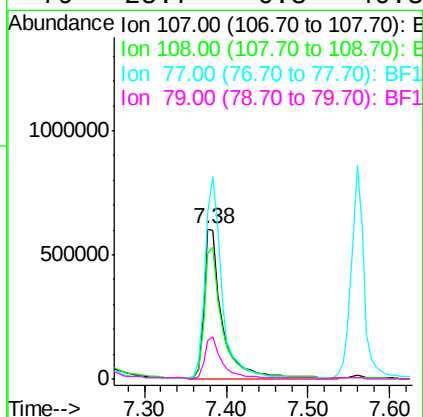
Instrument :
BNA_F
ClientSampleId :
PB111309BS

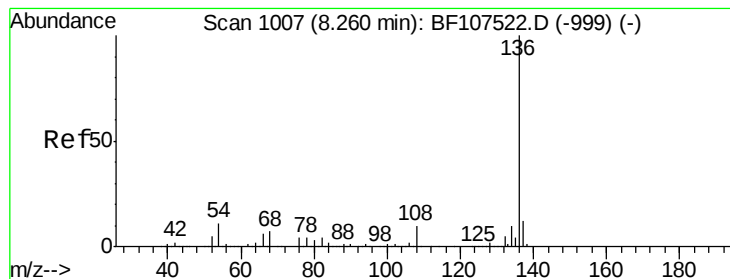
Tgt Ion:	70	Resp:	607094
Ion	Ratio	Lower	Upper
70	100		
42	62.1	47.5	71.3
101	9.8	7.4	11.2
130	21.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.204 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion:	107	Resp:	937350
Ion	Ratio	Lower	Upper
107	100		
108	84.1	68.2	108.2
77	111.4	26.7	66.7#
79	25.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

Tgt Ion:136 Resp: 1218096

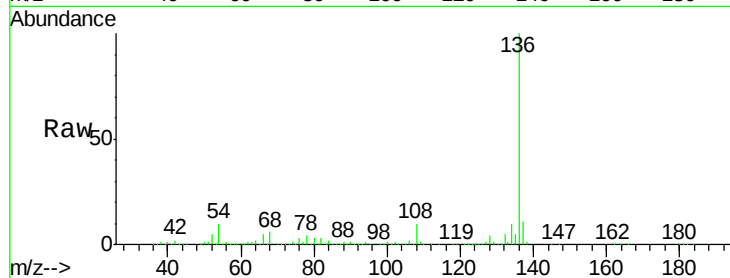
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.7 6.6 9.8

68 6.1 5.0 7.4

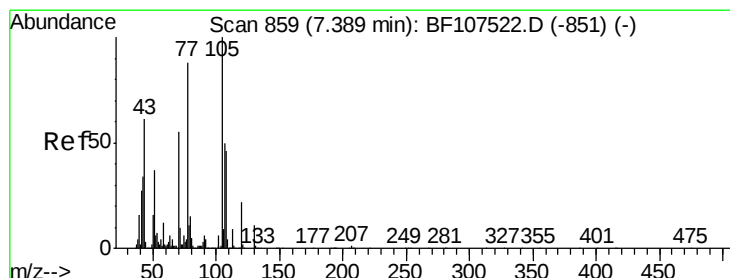
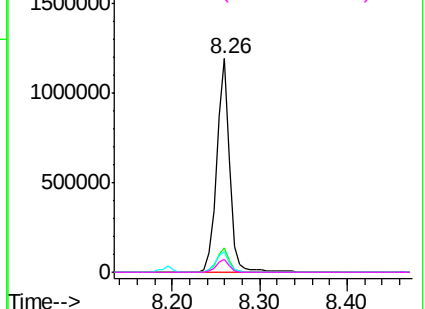
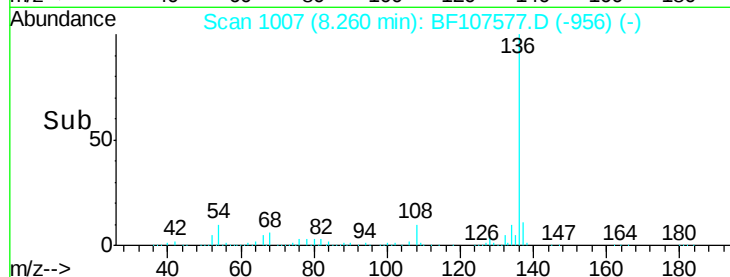


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.630 ng

RT: 7.38 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Tgt Ion:105 Resp: 1248125

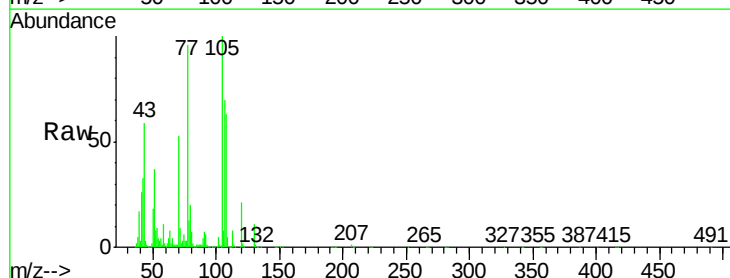
Ion Ratio Lower Upper

105 100

71 9.0 4.4 6.6#

51 37.4 22.3 33.5#

120 21.0 16.9 25.3

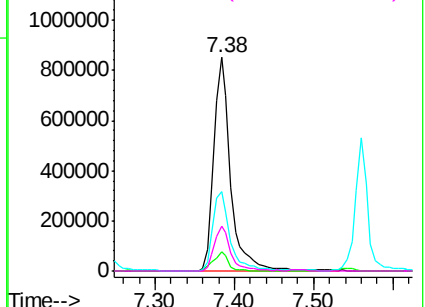
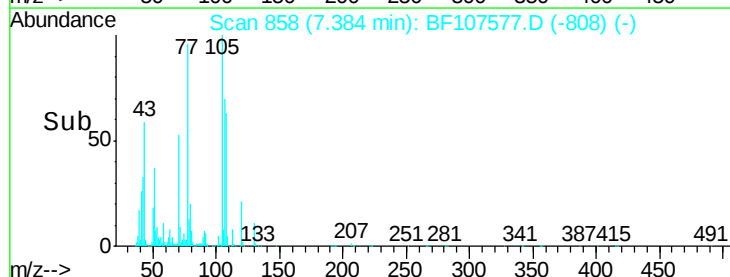


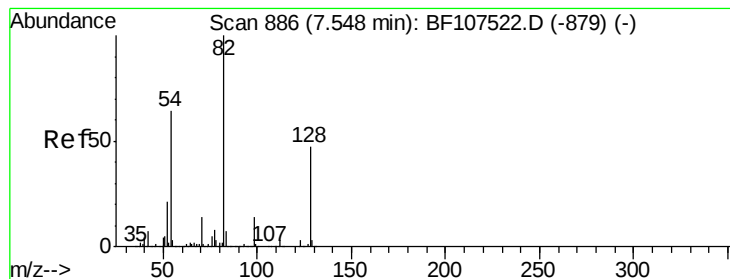
Abundance Ion 105.00 (104.70 to 105.70): E

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: 100.327 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

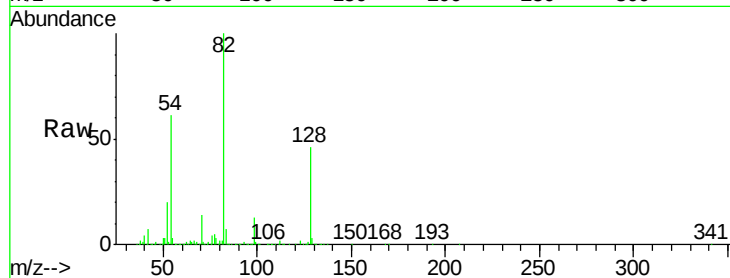
Tgt Ion: 82 Resp: 1810820

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

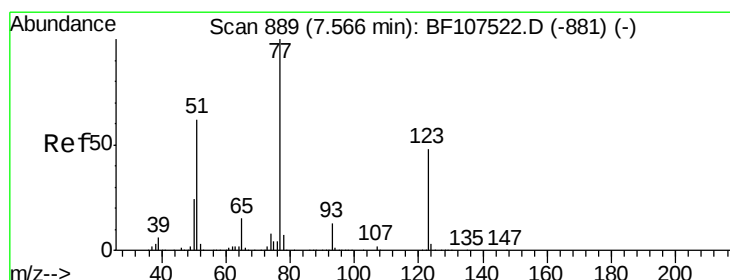
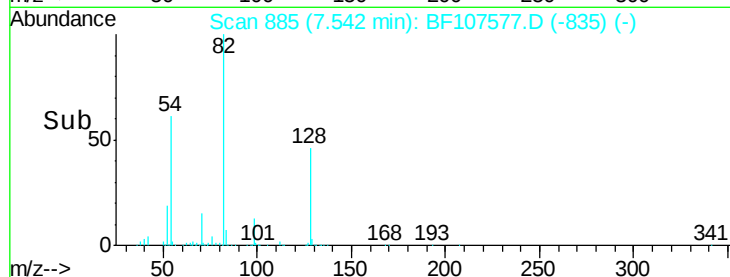
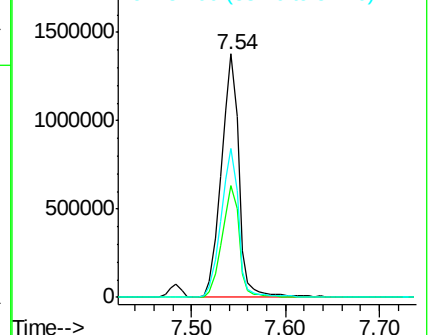
54 61.1 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 44.779 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

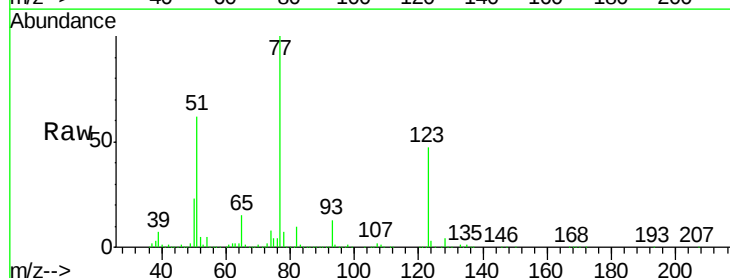
Tgt Ion: 77 Resp: 925714

Ion Ratio Lower Upper

77 100

123 47.3 37.9 56.9

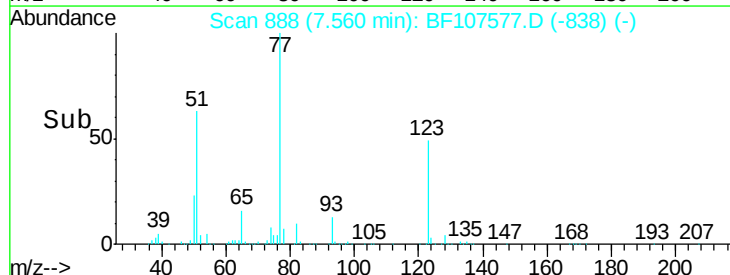
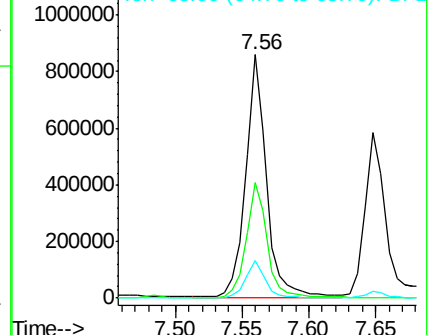
65 15.3 11.0 16.4

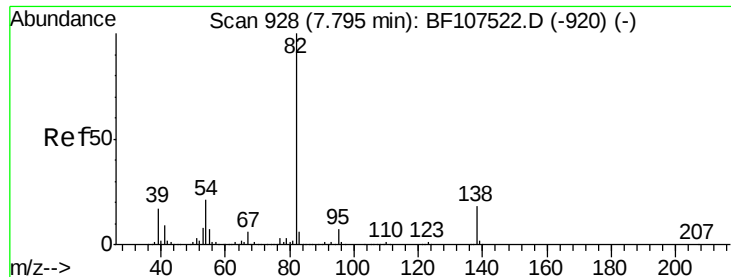


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.259 ng

RT: 7.80 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

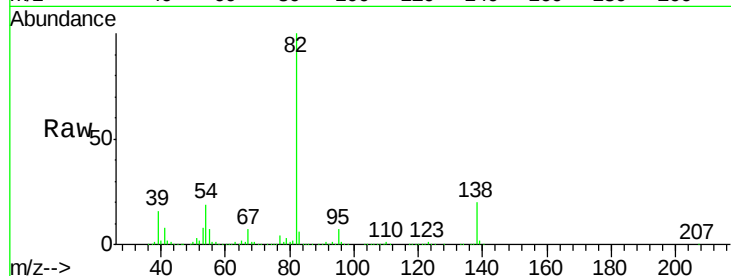
Tgt Ion: 82 Resp: 1705669

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

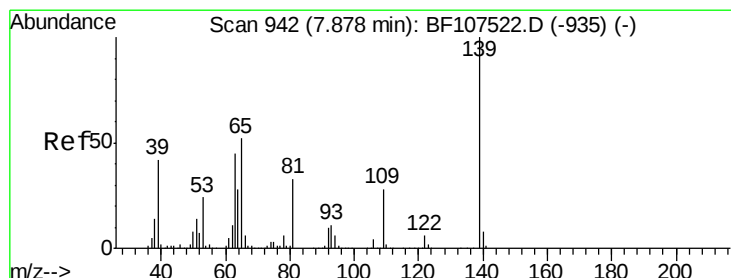
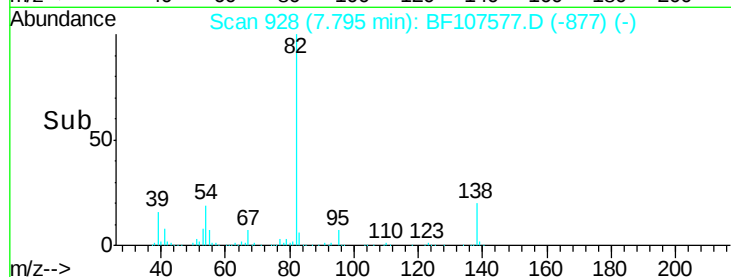
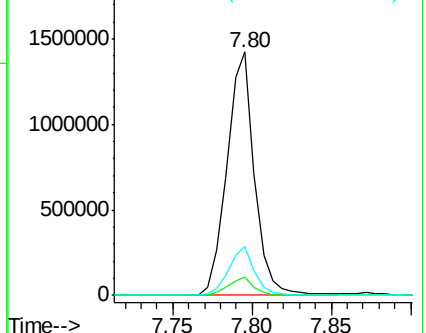
138 20.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.045 ng

RT: 7.87 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

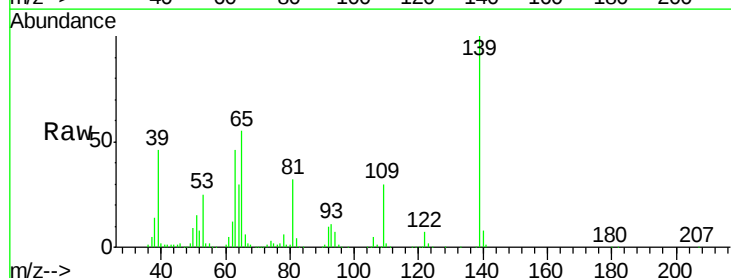
Tgt Ion: 139 Resp: 463088

Ion Ratio Lower Upper

139 100

109 29.9 22.7 34.1

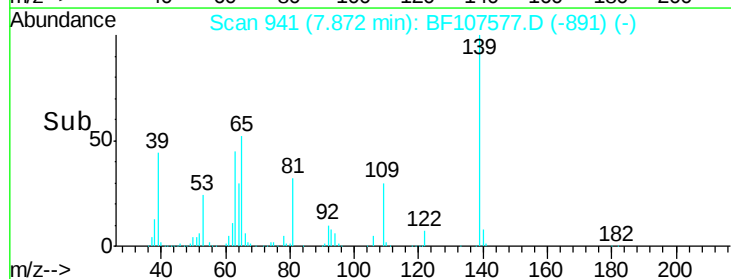
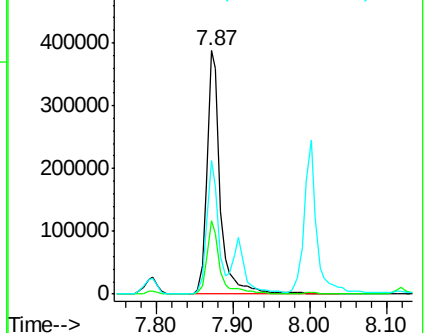
65 54.9 40.5 60.7

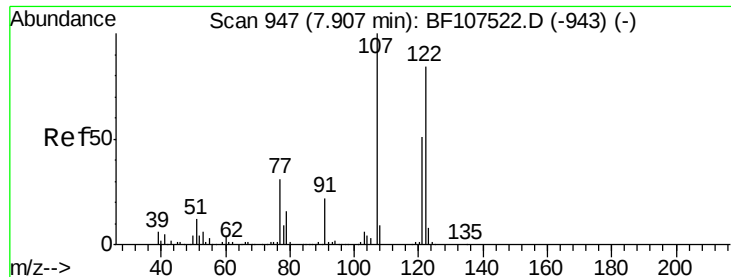


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

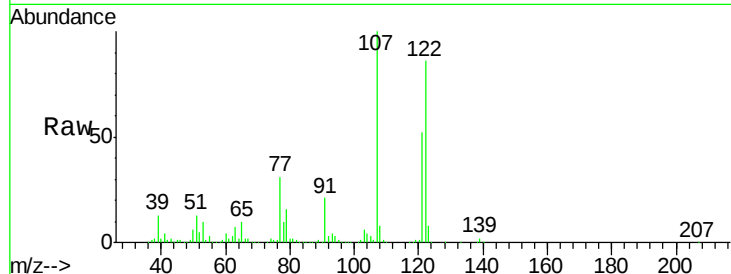




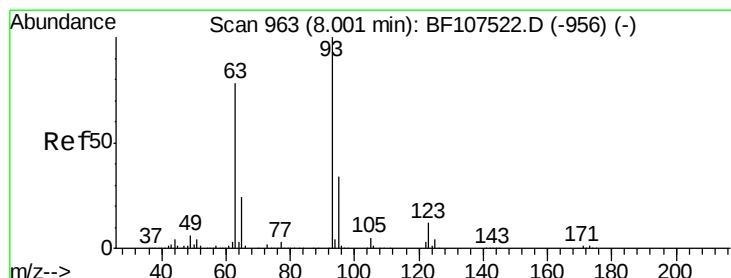
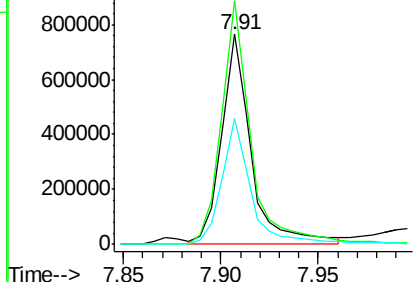
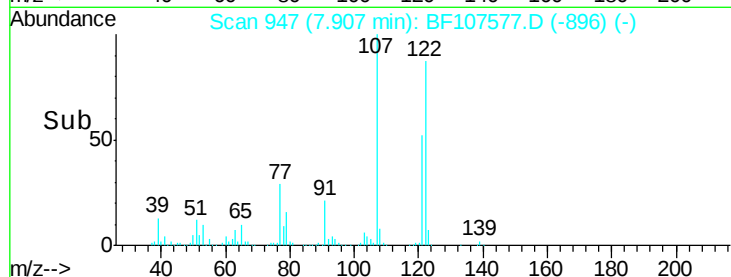
#27
 2,4-Dimethylphenol
 Concen: 48.559 ng
 RT: 7.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

Tgt Ion:122 Resp: 802431
 Ion Ratio Lower Upper
 122 100
 107 115.8 91.2 136.8
 121 59.8 47.2 70.8

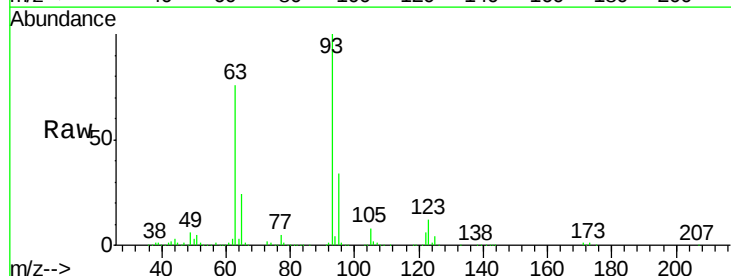


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

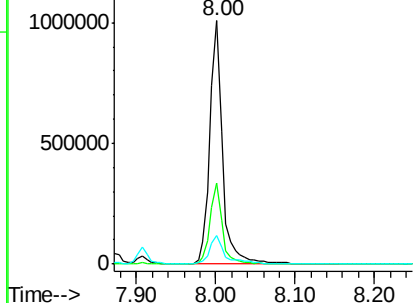
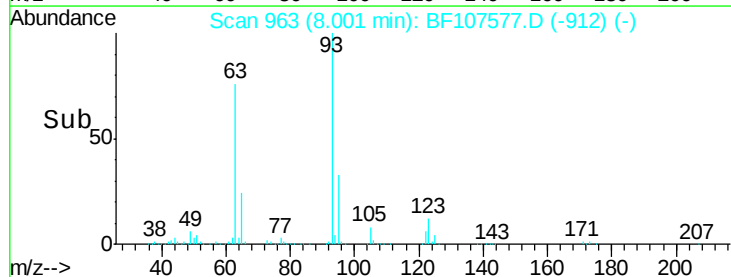


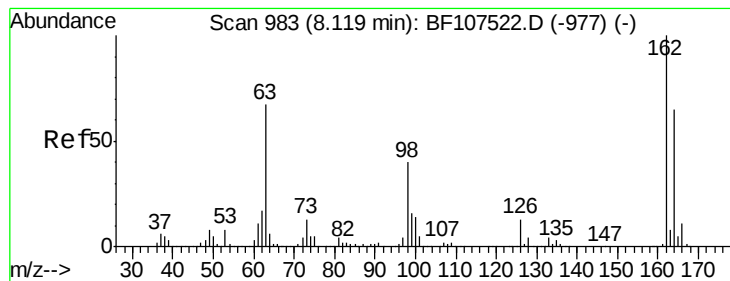
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.614 ng
 RT: 8.00 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion: 93 Resp: 1123260
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.3 39.5
 123 12.0 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

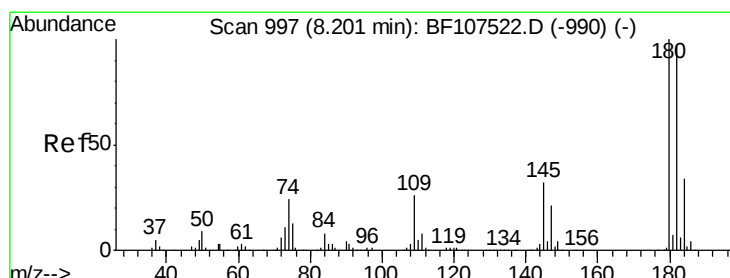
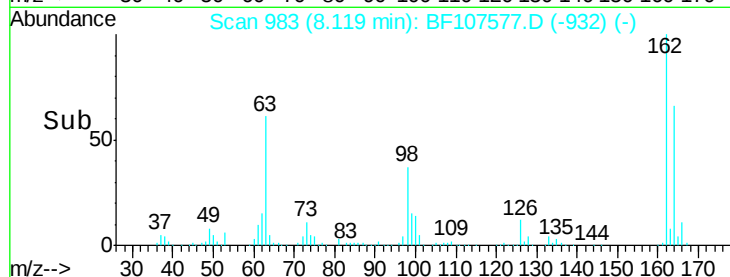
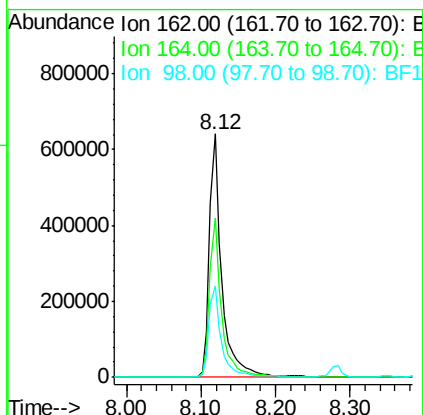
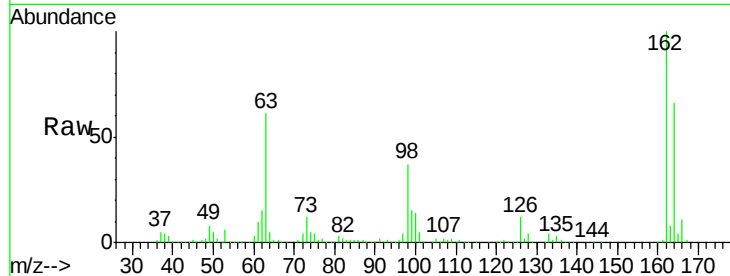




#29
2,4-Dichlorophenol
Concen: 44.420 ng
RT: 8.12 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

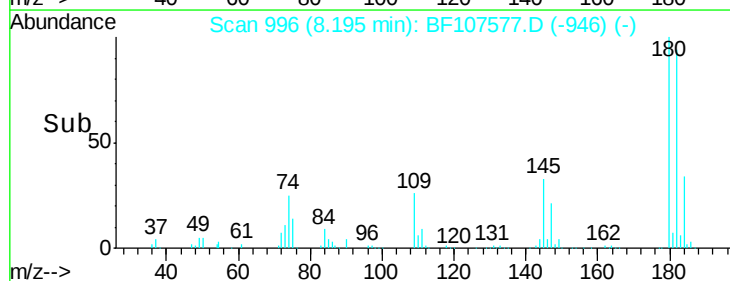
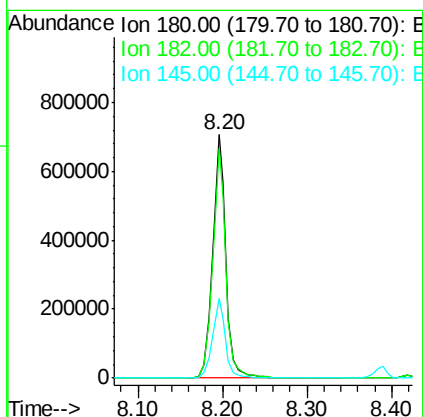
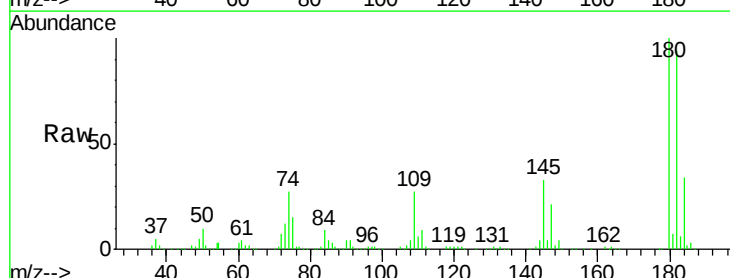
Instrument :
BNA_F
ClientSampleId :
PB111309BS

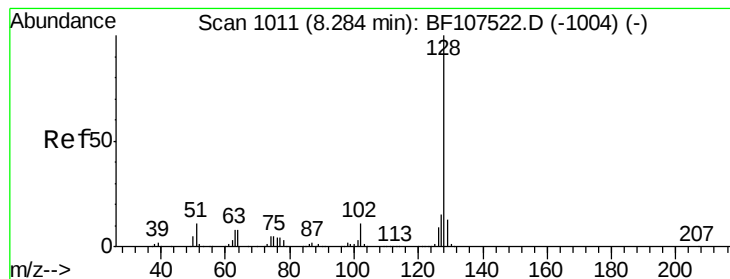
Tgt Ion:162 Resp: 750271
Ion Ratio Lower Upper
162 100
164 65.6 42.7 82.7
98 37.4 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 41.594 ng
RT: 8.20 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion:180 Resp: 789050
Ion Ratio Lower Upper
180 100
182 94.3 76.8 115.2
145 32.8 26.5 39.7





#31

Naphthalene

Concen: 45.049 ng

RT: 8.28 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

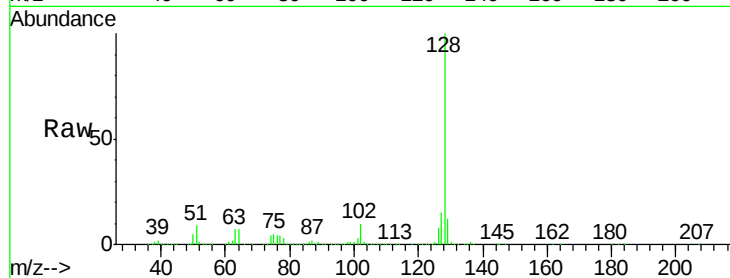
Tgt Ion:128 Resp: 2413058

Ion Ratio Lower Upper

128 100

129 11.9 8.8 13.2

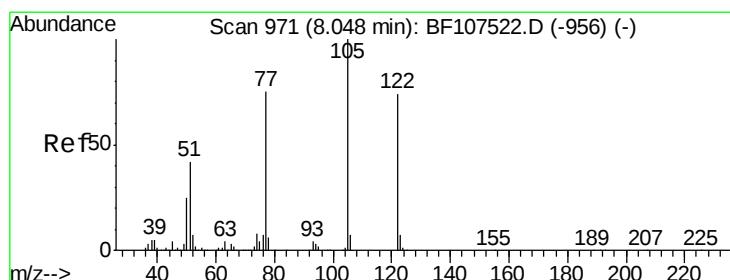
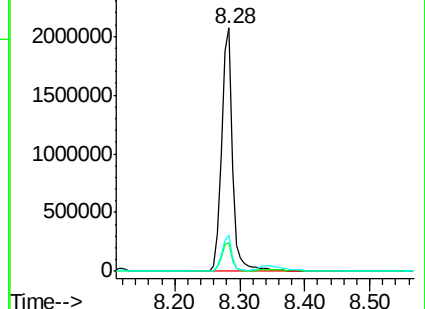
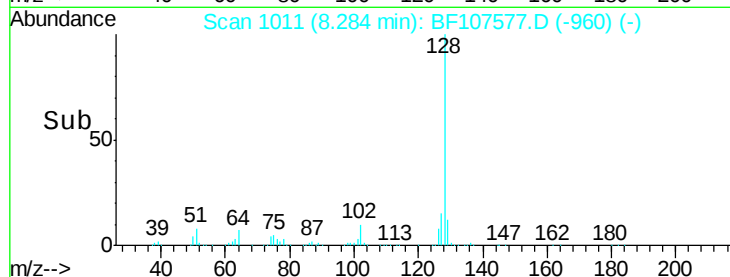
127 14.7 10.9 16.3



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: 41.880 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

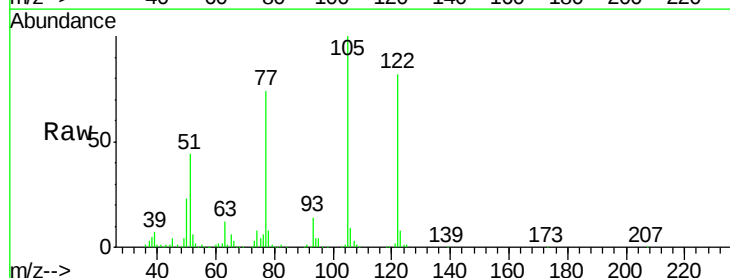
Tgt Ion:122 Resp: 469235

Ion Ratio Lower Upper

122 100

105 122.6 101.1 141.1

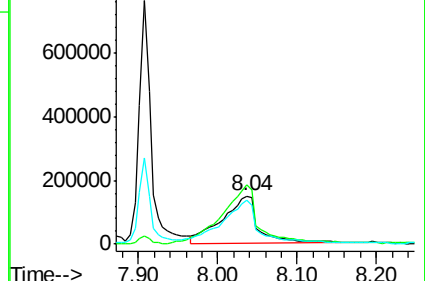
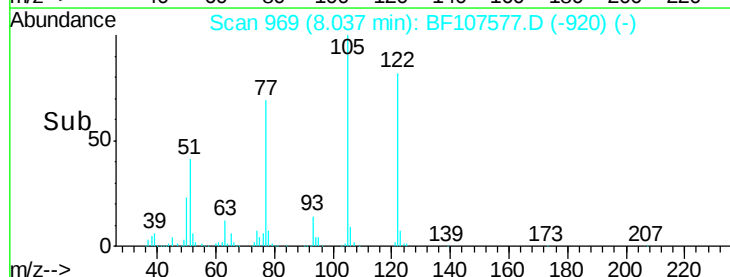
77 90.5 70.7 110.7

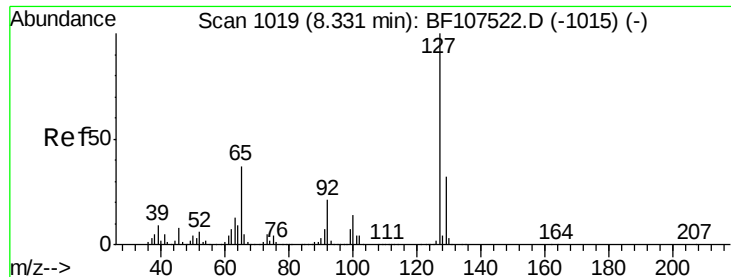


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

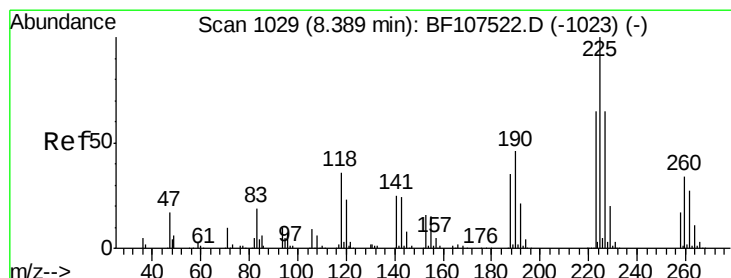
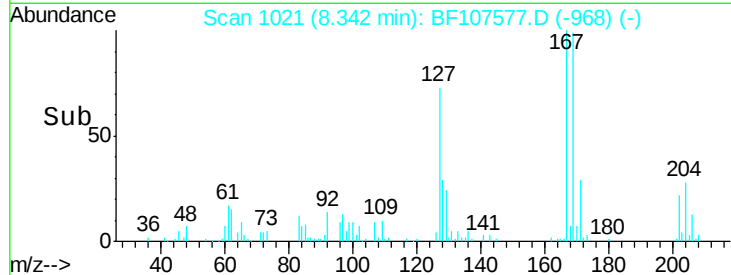
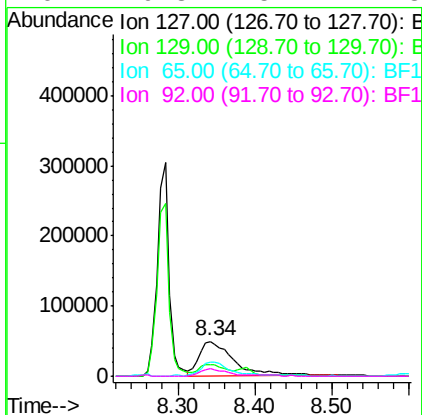
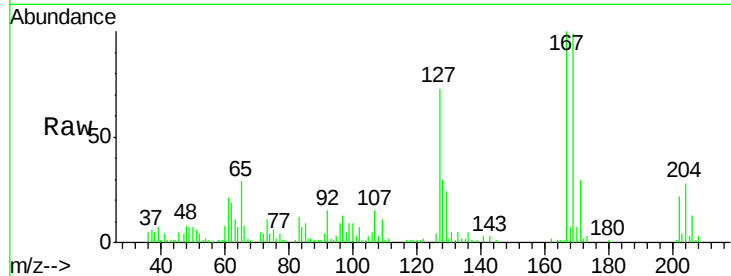




#33
 4-Chloroaniline
 Concen: 6.649 ng
 RT: 8.34 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

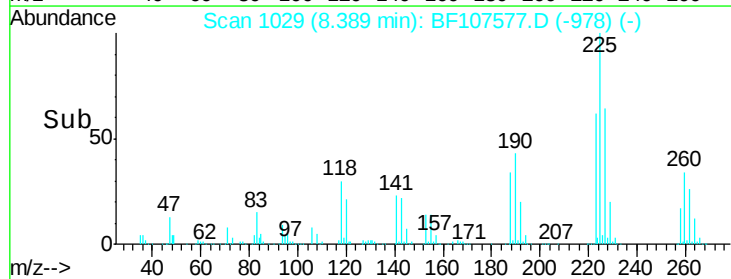
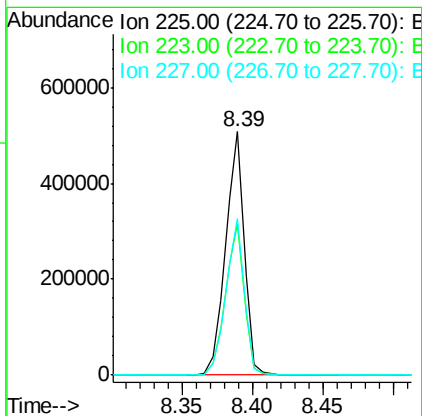
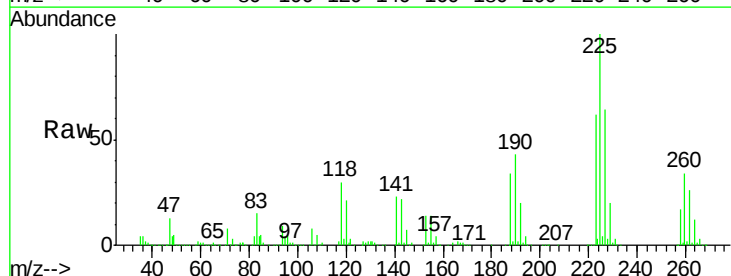
Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

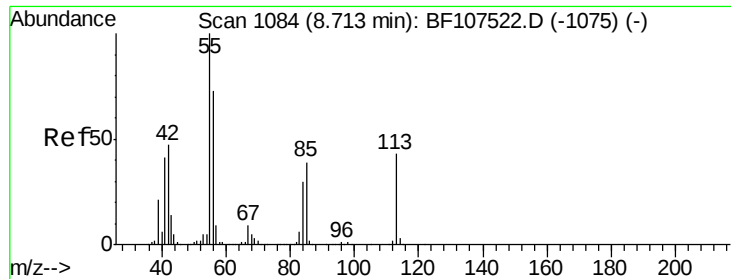
Tgt Ion:	127	Resp:	155677
Ion Ratio		Lower	Upper
127	100		
129	32.9	25.9	38.9
65	40.1	25.0	37.4
92	20.3	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 41.352 ng
 RT: 8.39 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion:	225	Resp:	466135
Ion Ratio		Lower	Upper
225	100		
223	62.2	50.6	76.0
227	64.2	51.9	77.9

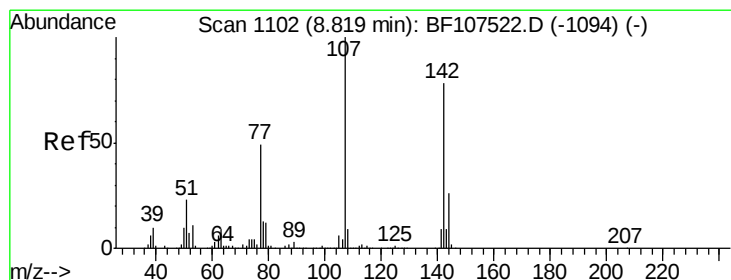
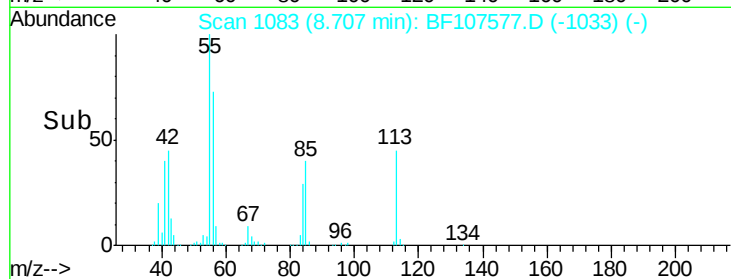
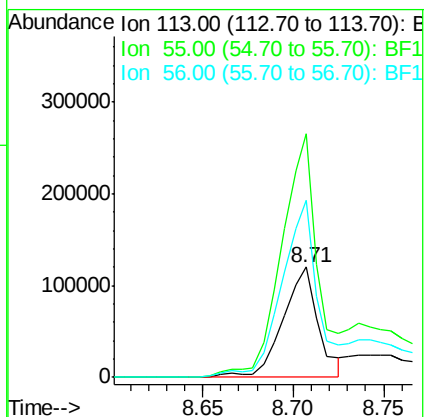
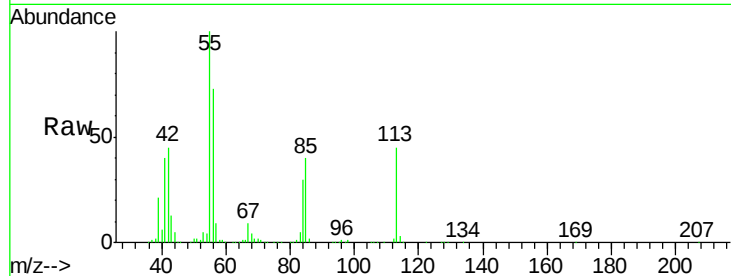




#35
 Caprolactam
 Concen: 29.974 ng
 RT: 8.71 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

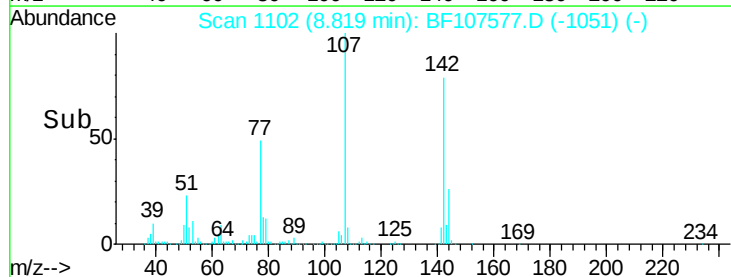
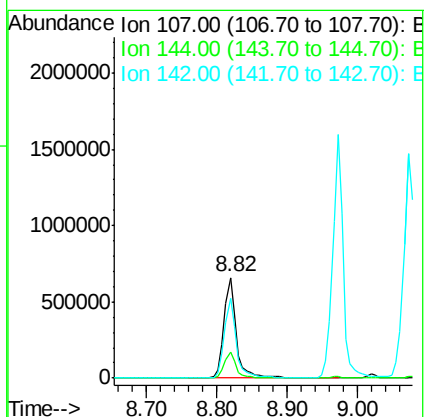
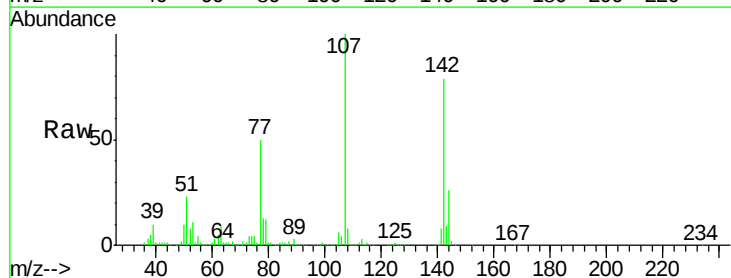
Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

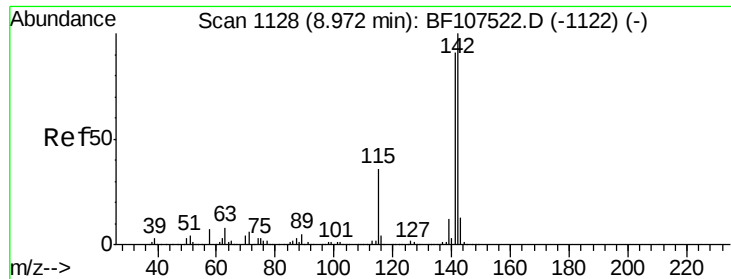
Tgt Ion:113 Resp: 164670
 Ion Ratio Lower Upper
 113 100
 55 220.6 163.3 203.3#
 56 160.2 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 43.069 ng
 RT: 8.82 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion:107 Resp: 808071
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 78.9 62.0 93.0

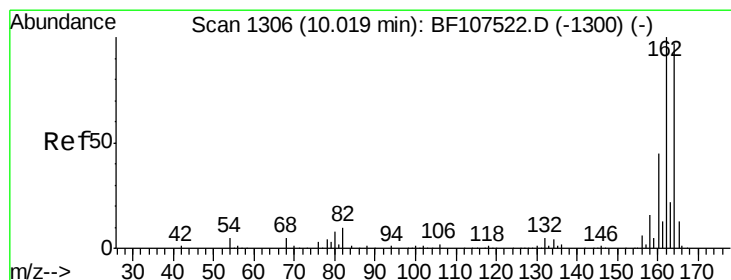
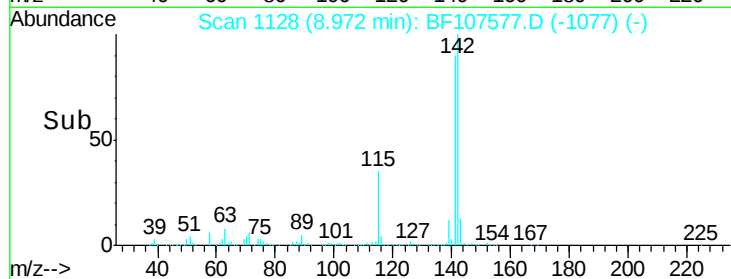
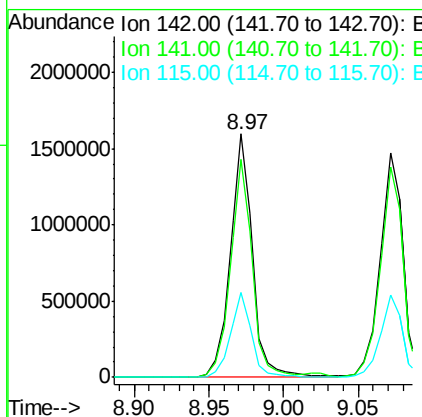
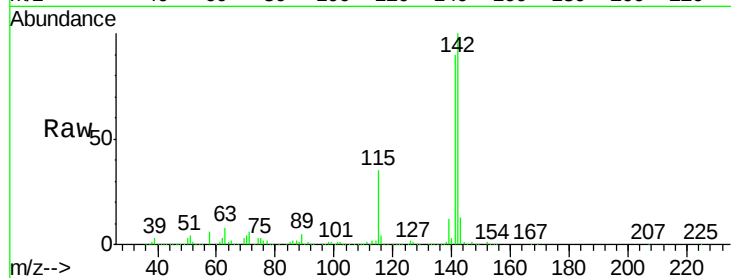




#37
2-Methylnaphthalene
Concen: 44.647 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

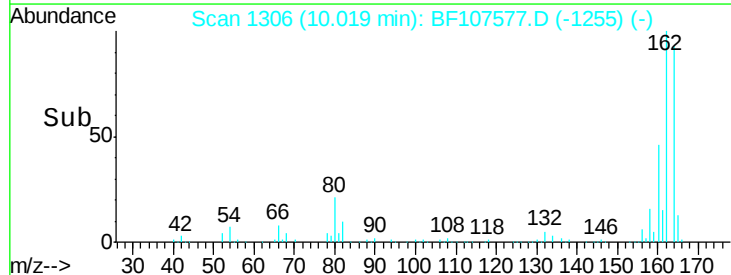
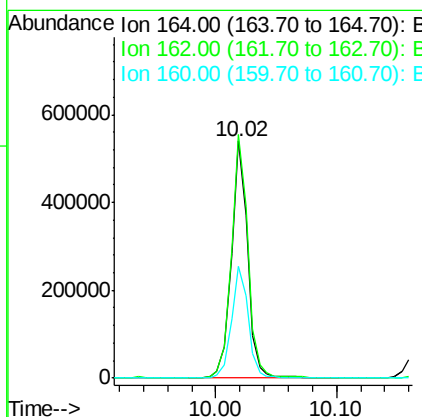
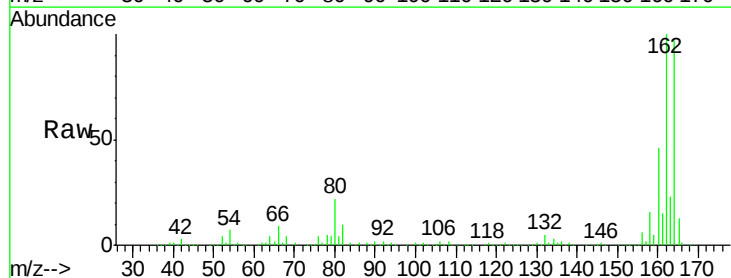
Instrument :
BNA_F
ClientSampleId :
PB111309BS

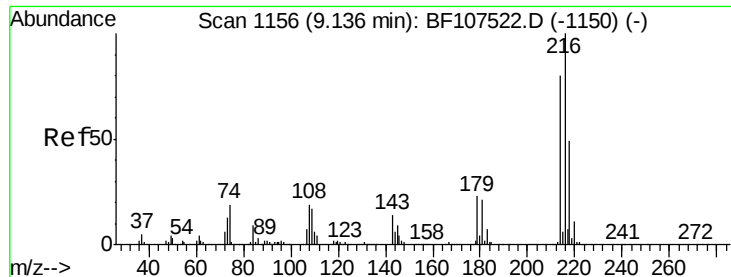
Tgt Ion:142 Resp: 1657217
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2
115 34.8 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion:164 Resp: 507274
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 47.2 38.3 57.5

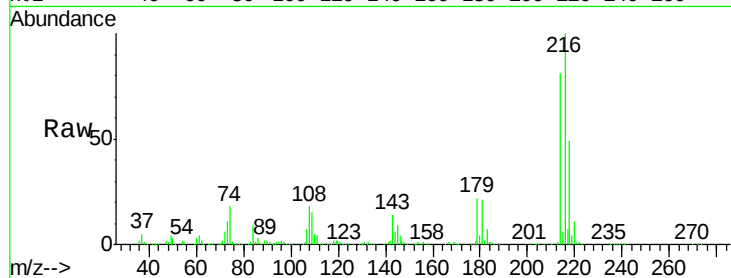




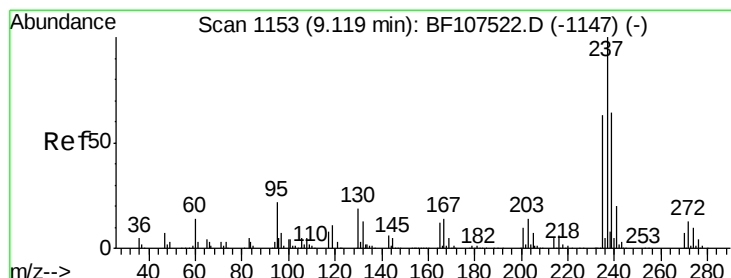
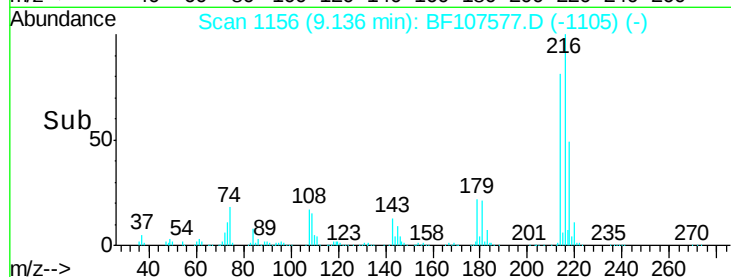
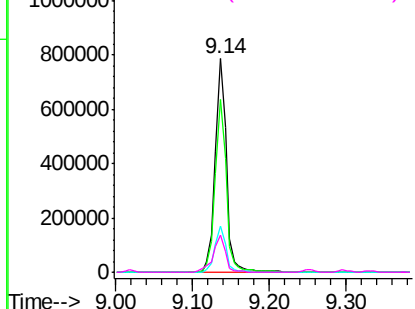
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.086 ng
 RT: 9.14 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

Tgt Ion:	216	Resp:	779755
Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.0	94.4
179	21.1	18.1	27.1
108	19.1	17.2	25.8

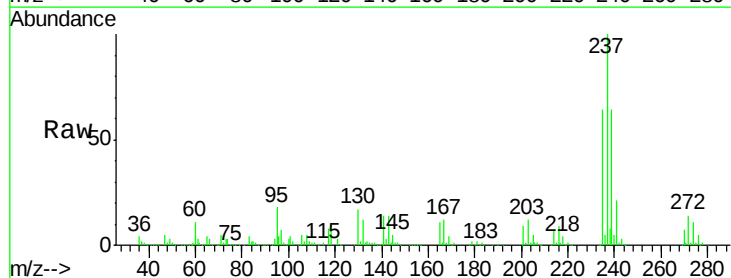


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

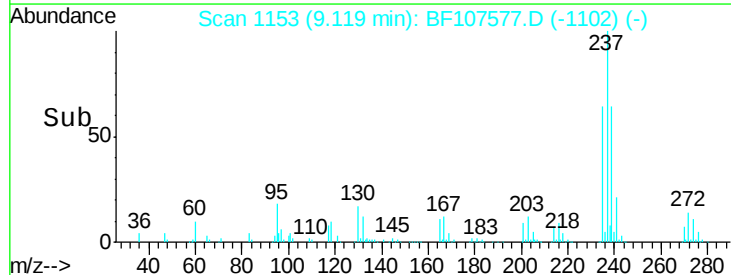
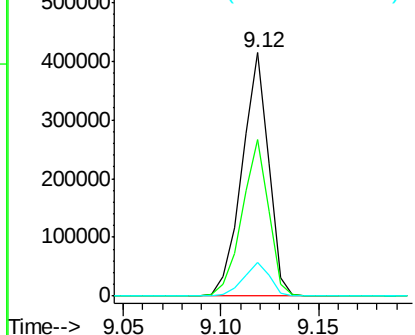


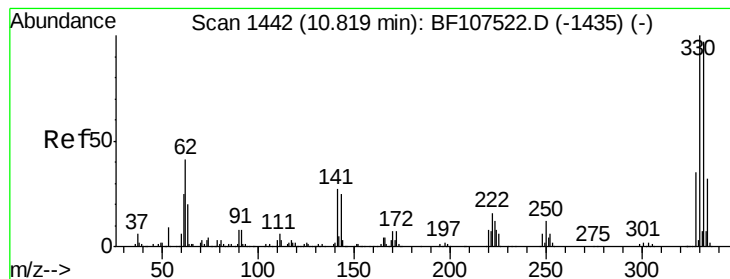
#40
 Hexachlorocyclopentadiene
 Concen: 45.500 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion:	237	Resp:	391346
Ion	Ratio	Lower	Upper
237	100		
235	64.4	44.8	84.8
272	13.7	0.0	33.3



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

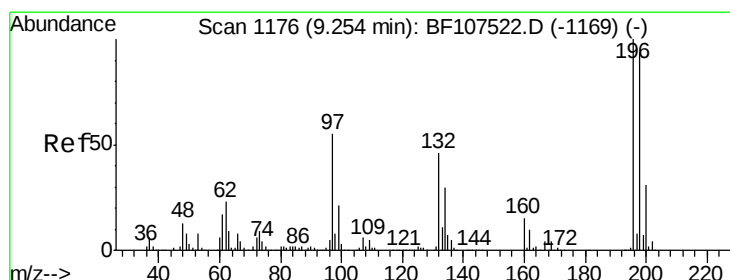
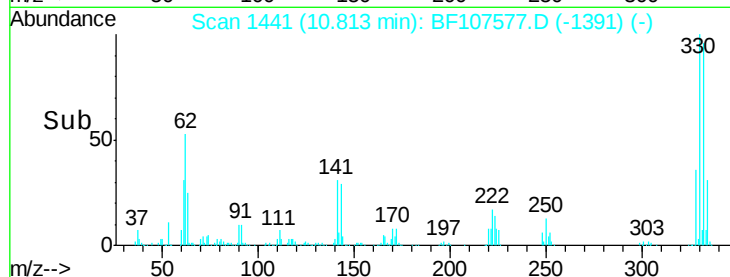
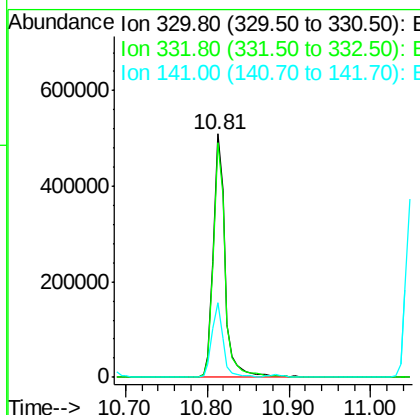
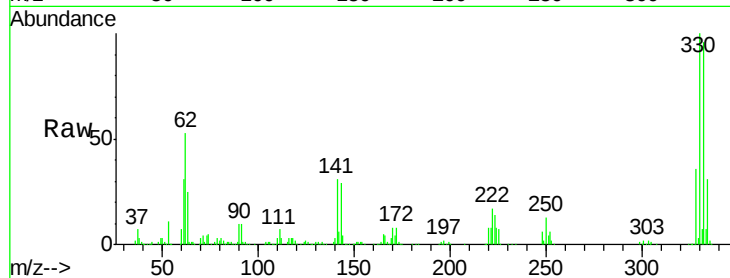




#41
 2,4,6-Tribromophenol
 Concen: 89.380 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

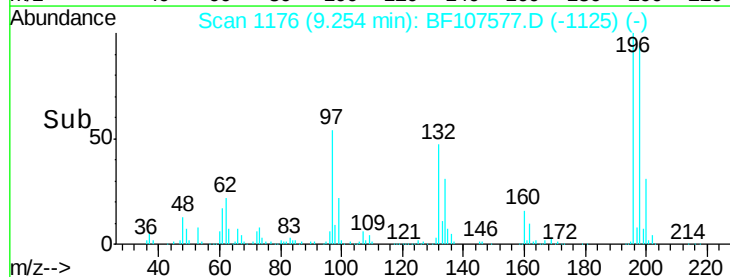
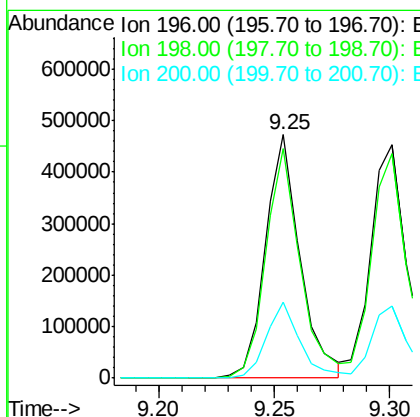
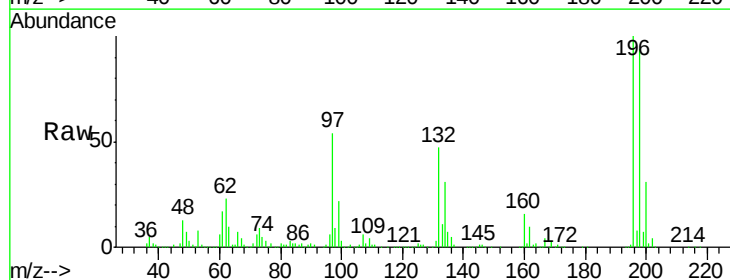
Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

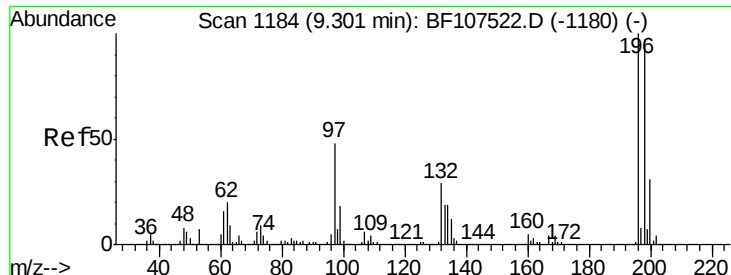
Tgt Ion:330 Resp: 515588
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 29.2 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 45.613 ng
 RT: 9.25 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion:196 Resp: 493995
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.7 113.5
 200 31.3 24.5 36.7

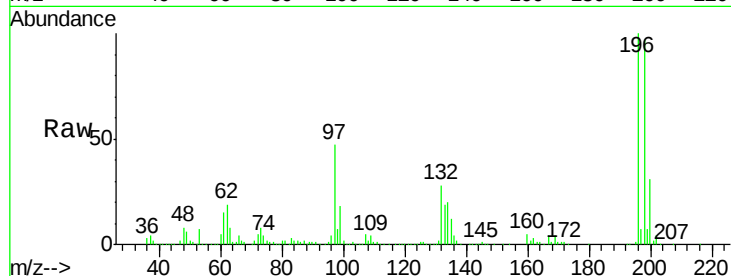




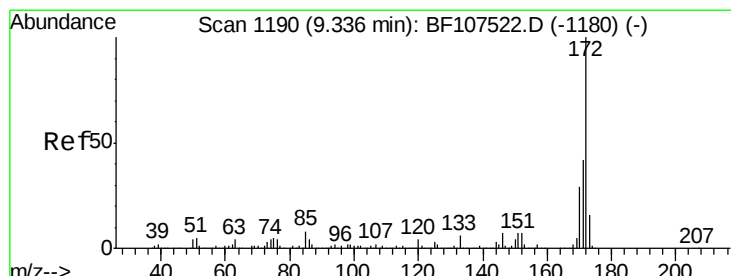
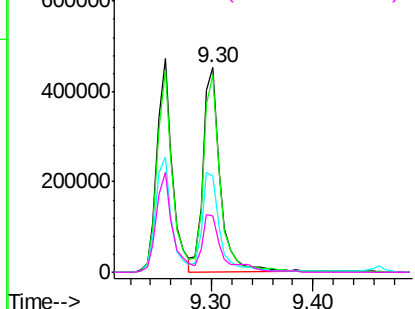
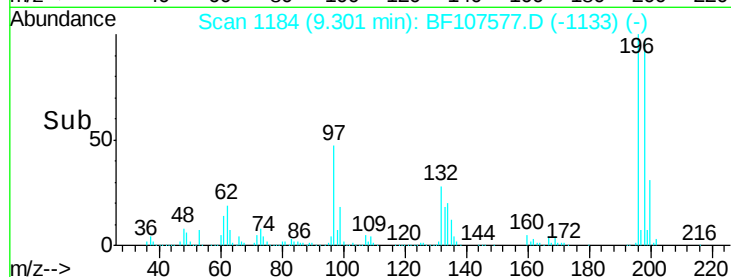
#43
 2,4,5-Trichlorophenol
 Concen: 46.683 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

Tgt Ion:	196	Resp:	528397
Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.6	112.0
97	46.9	42.9	64.3
132	27.9	26.3	39.5

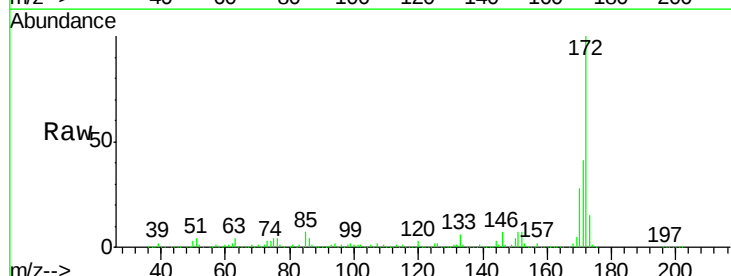


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

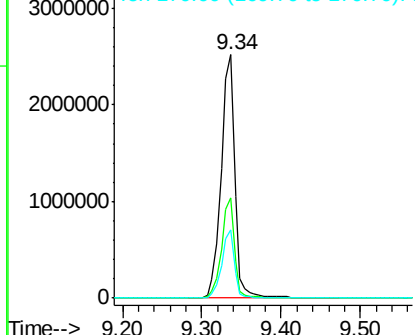
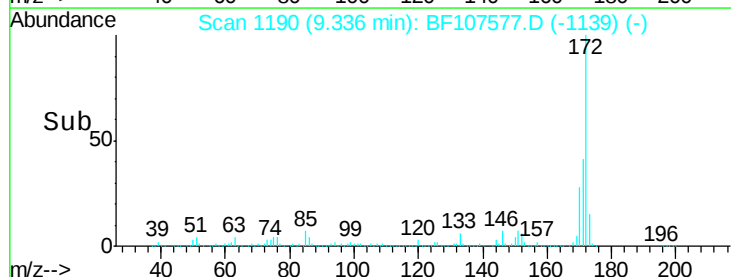


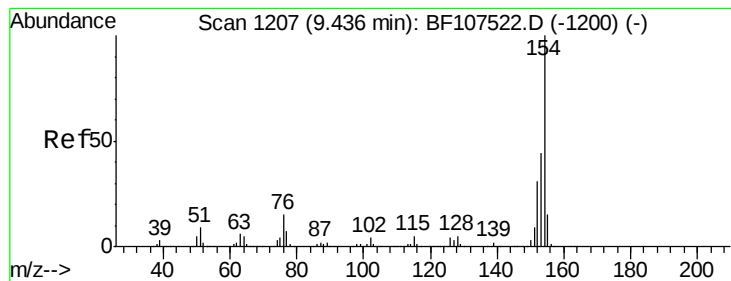
#44
 2-Fluorobiphenyl
 Concen: 109.647 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion:	172	Resp:	3003712
Ion	Ratio	Lower	Upper
172	100		
171	41.0	29.7	44.5
170	27.9	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 44.463 ng

RT: 9.44 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

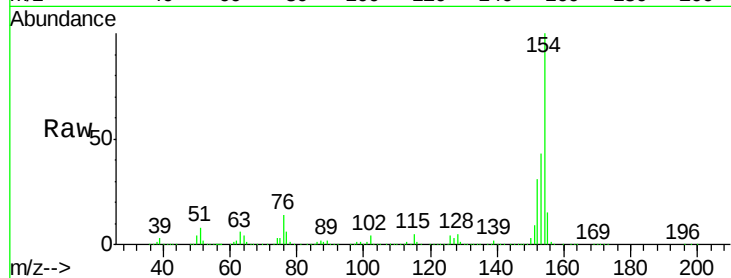
Tgt Ion:154 Resp: 1964808

Ion Ratio Lower Upper

154 100

153 43.5 21.3 61.3

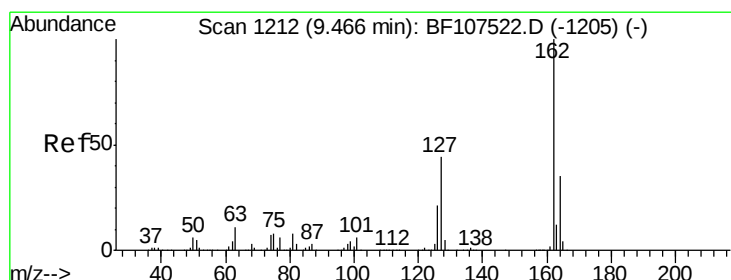
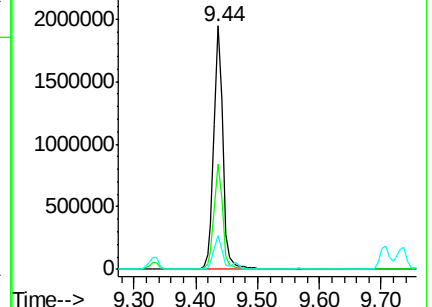
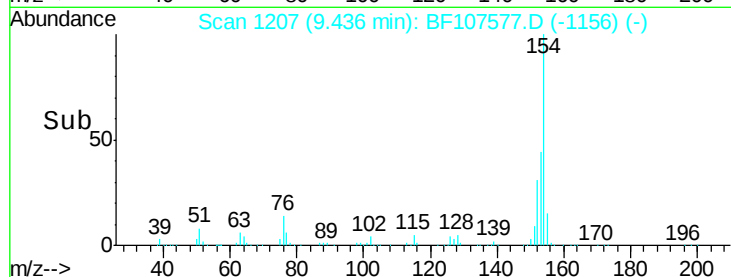
76 13.9 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 43.568 ng

RT: 9.47 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

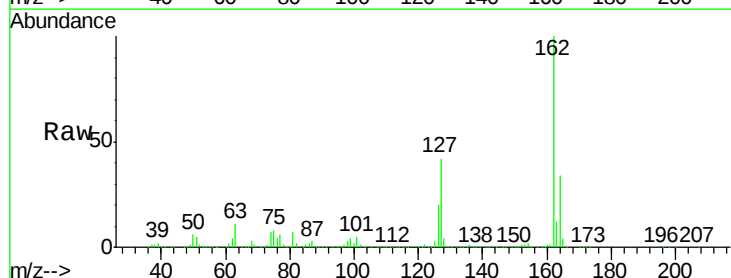
Tgt Ion:162 Resp: 1471609

Ion Ratio Lower Upper

162 100

127 42.3 33.9 50.9

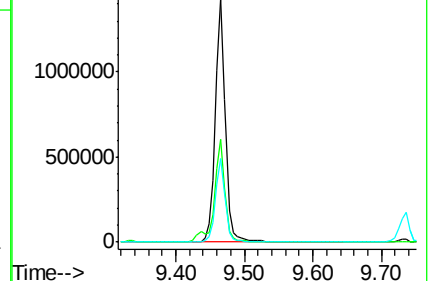
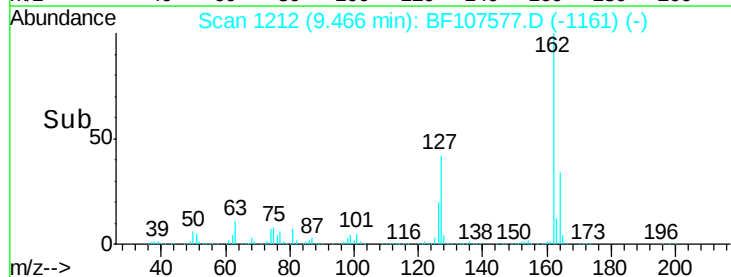
164 34.2 26.5 39.7

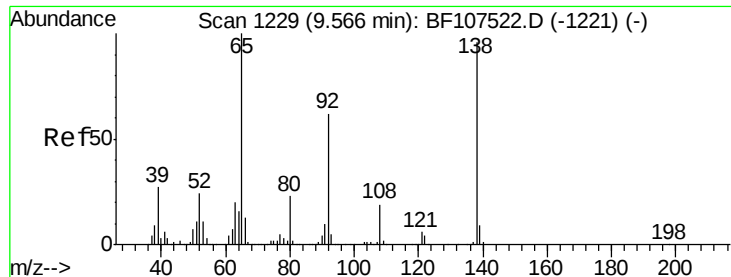


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

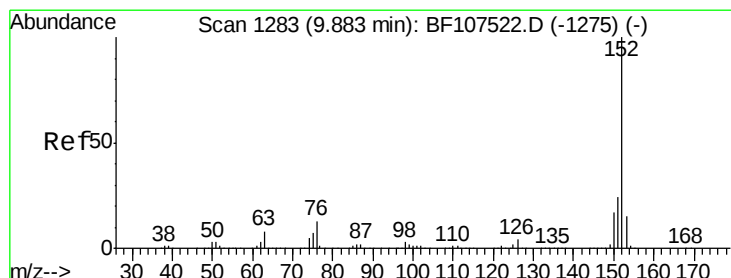
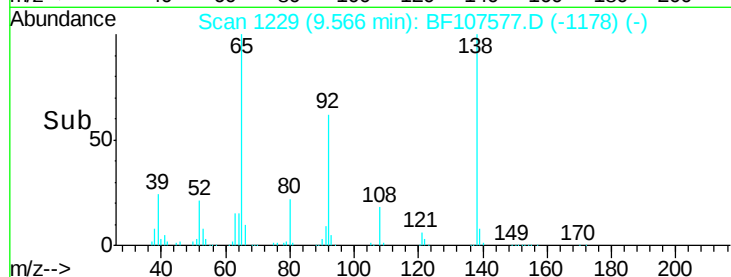
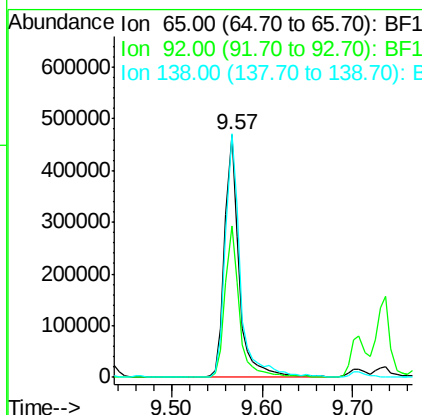
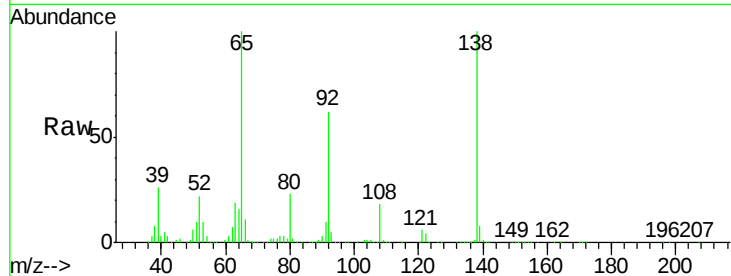




#47
2-Nitroaniline
Concen: 51.932 ng
RT: 9.57 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

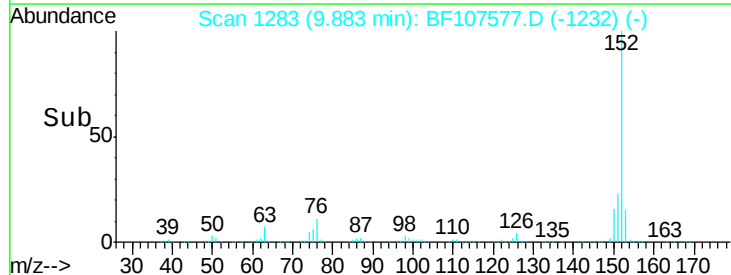
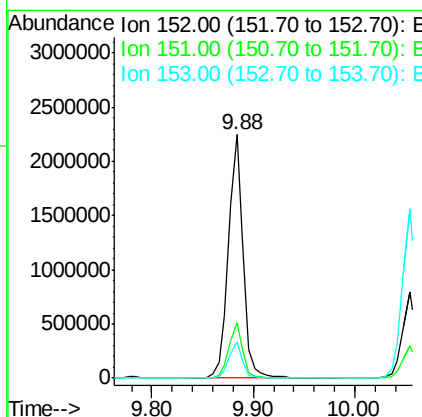
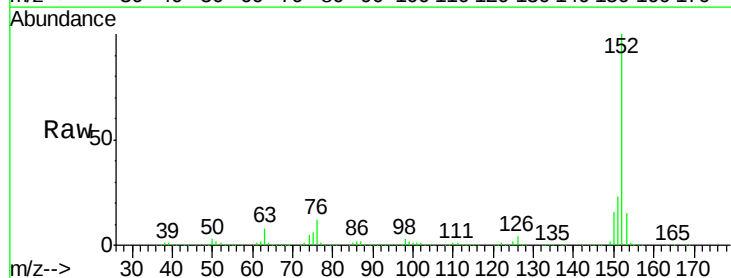
Instrument :
BNA_F
ClientSampleId :
PB111309BS

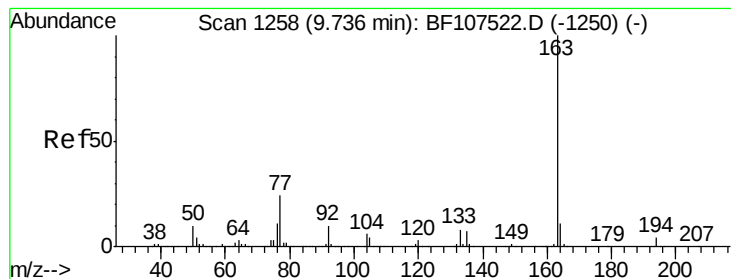
Tgt Ion: 65 Resp: 511384
Ion Ratio Lower Upper
65 100
92 62.8 55.8 83.6
138 100.5 91.2 136.8



#48
Acenaphthylene
Concen: 44.815 ng
RT: 9.88 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion: 152 Resp: 2273914
Ion Ratio Lower Upper
152 100
151 22.9 16.3 24.5
153 14.8 10.7 16.1





#49

Dimethylphthalate

Concen: 46.988 ng

RT: 9.74 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

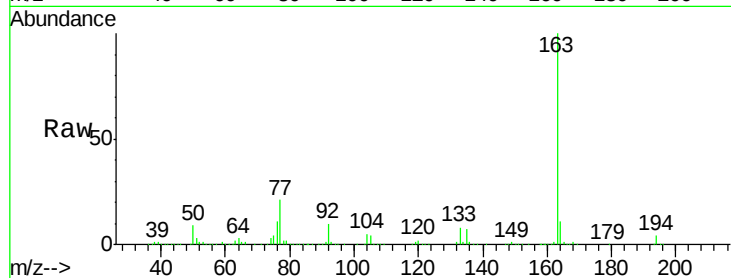
Tgt Ion:163 Resp: 1796404

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

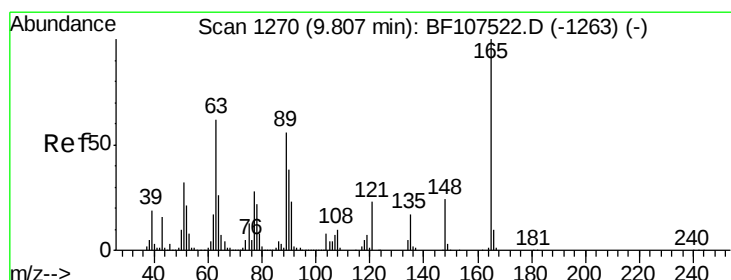
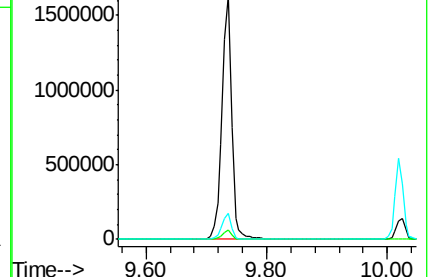
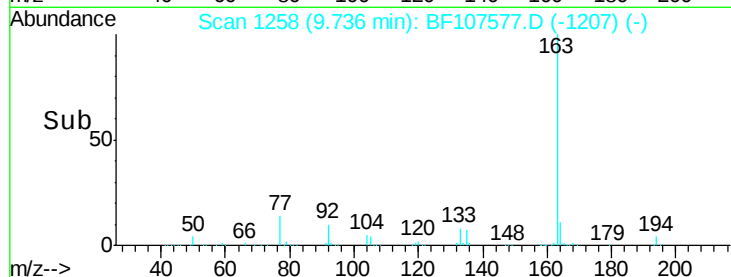
164 10.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.802 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

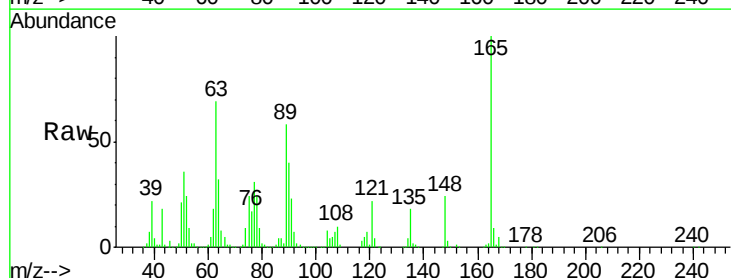
Tgt Ion:165 Resp: 370435

Ion Ratio Lower Upper

165 100

63 69.2 44.7 67.1#

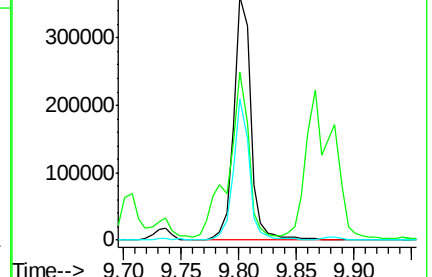
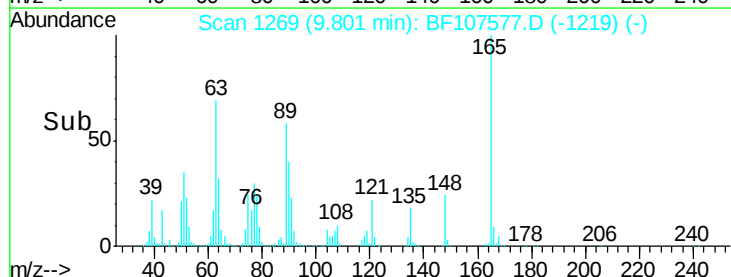
89 57.8 44.0 66.0

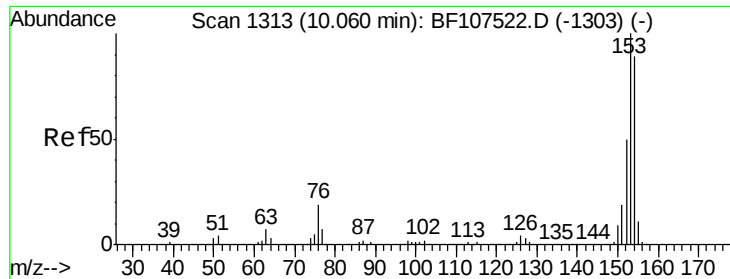


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 45.028 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

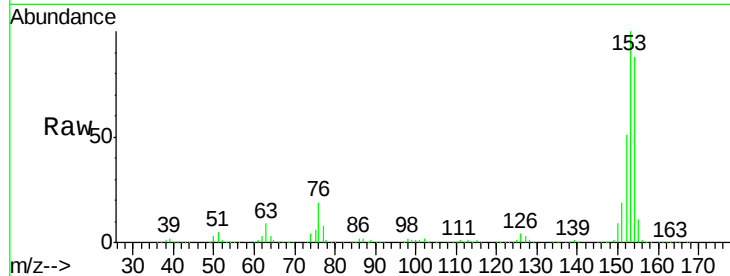
Tgt Ion:154 Resp: 1431514

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

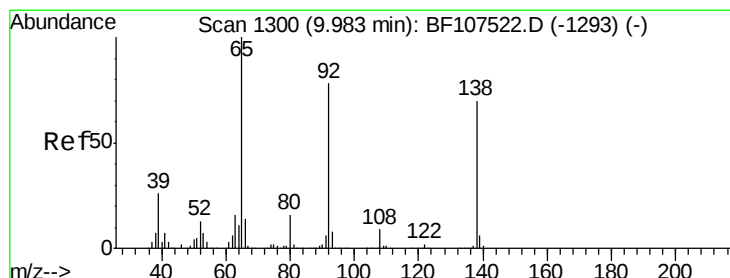
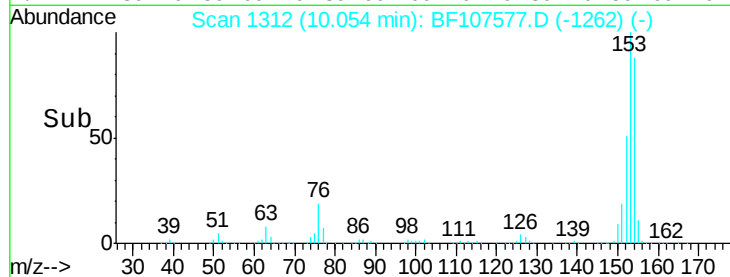
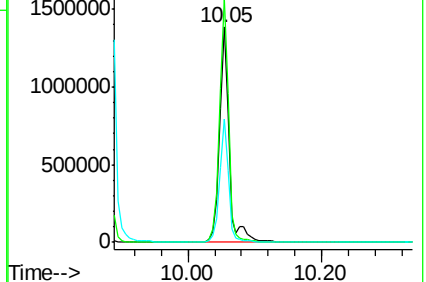
152 57.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.373 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

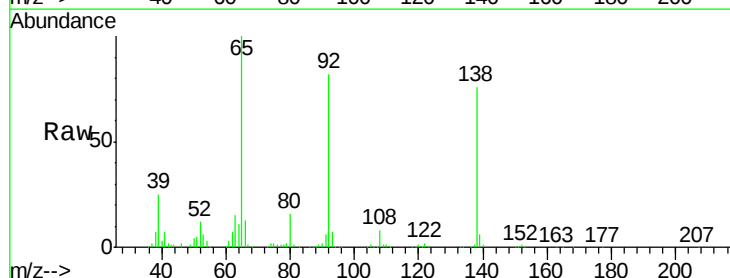
Tgt Ion:138 Resp: 234302

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

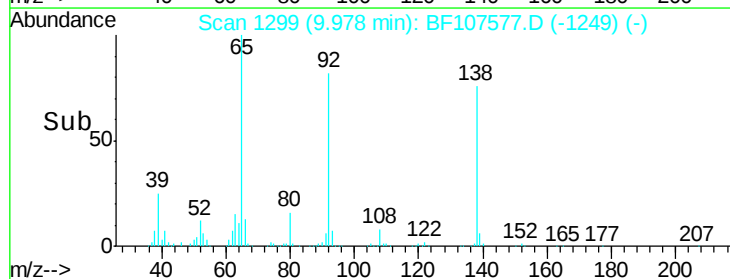
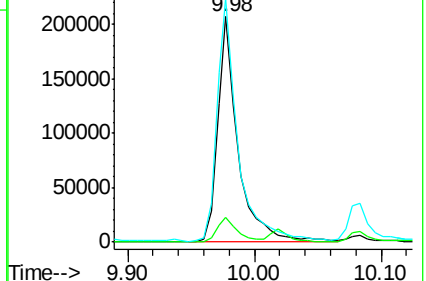
92 108.1 89.4 134.2

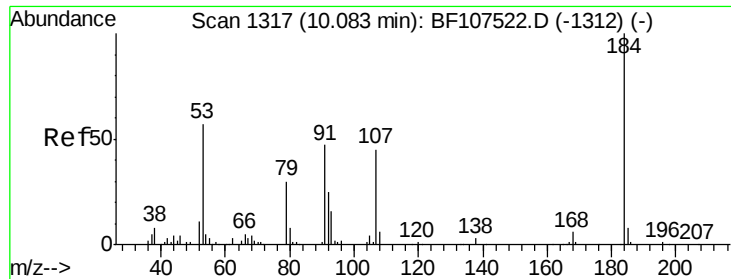


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

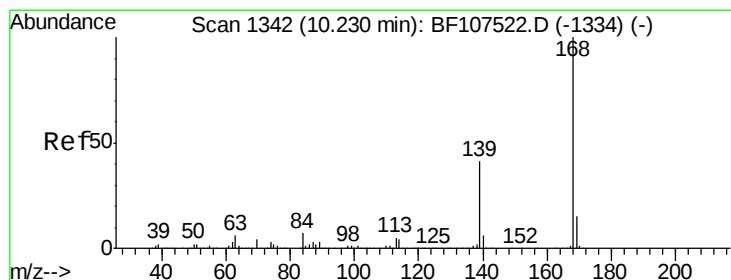
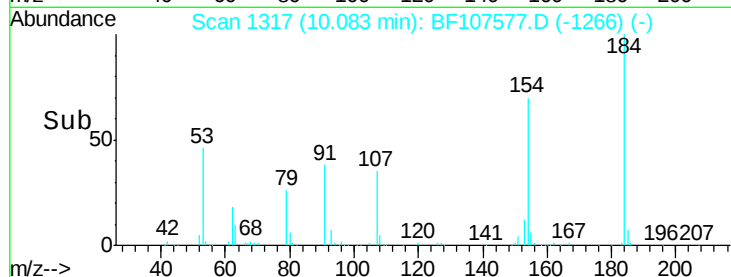
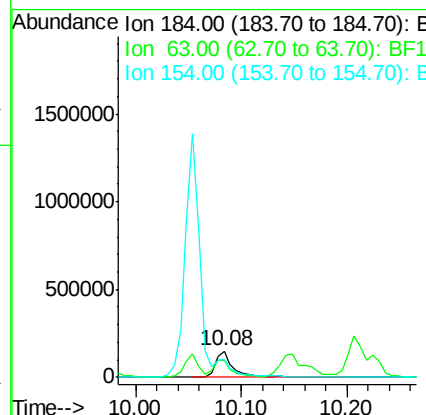
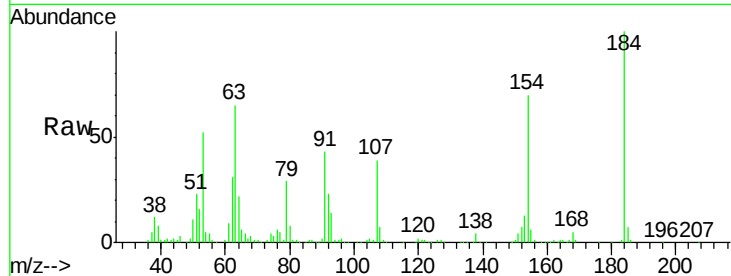




#53
2,4-Dinitrophenol
Concen: 58.073 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

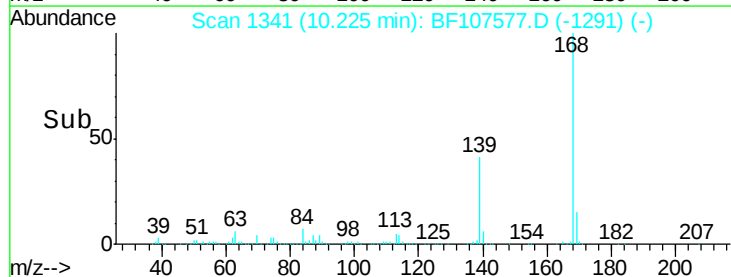
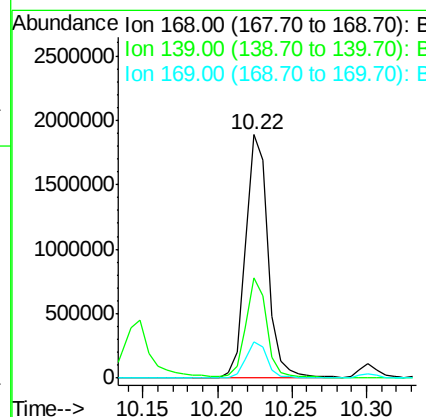
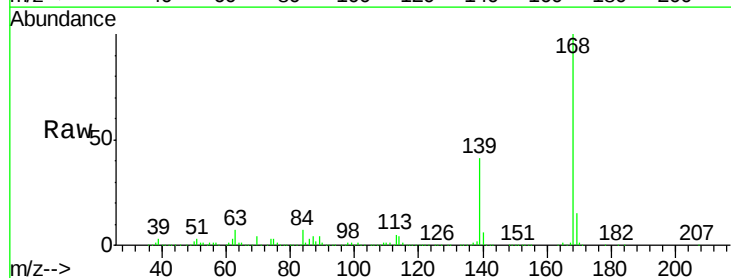
Instrument :
BNA_F
ClientSampleId :
PB111309BS

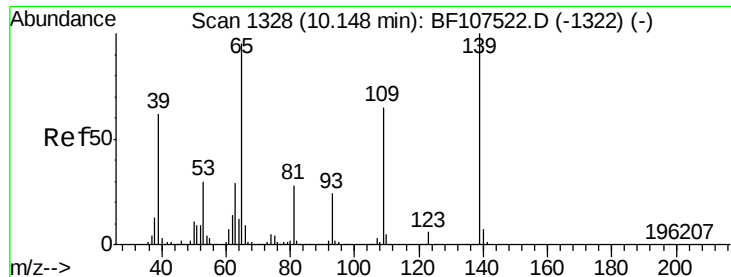
Tgt Ion:184 Resp: 177274
Ion Ratio Lower Upper
184 100
63 64.9 54.2 81.2
154 70.4 184.0 276.0#



#54
Dibenzofuran
Concen: 42.264 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion:168 Resp: 1978115
Ion Ratio Lower Upper
168 100
139 41.3 30.1 45.1
169 14.7 10.9 16.3

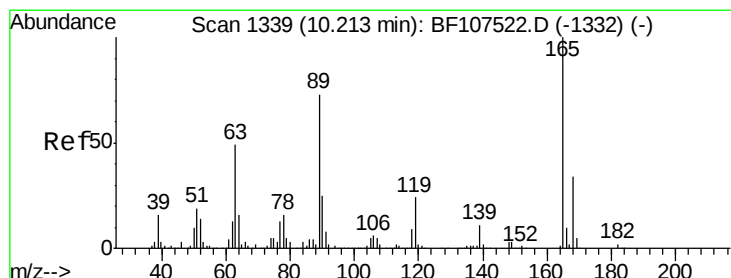
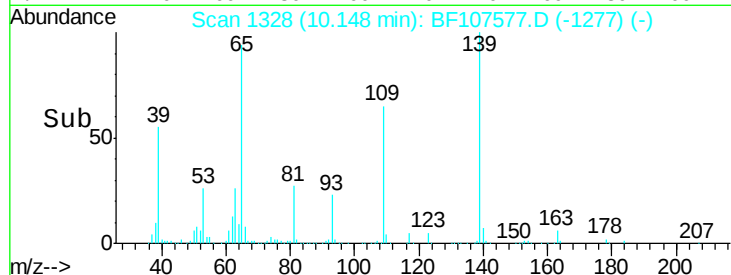
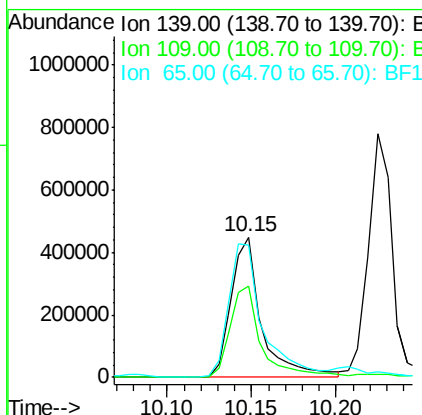
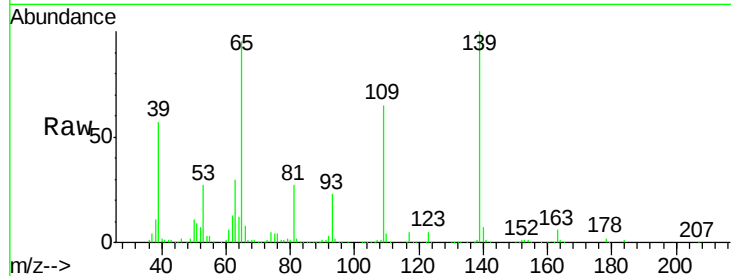




#55
4-Nitrophenol
Concen: 81.146 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

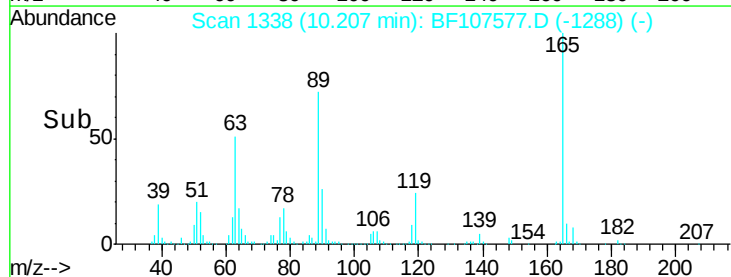
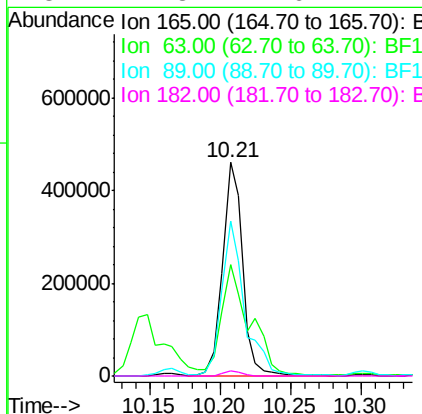
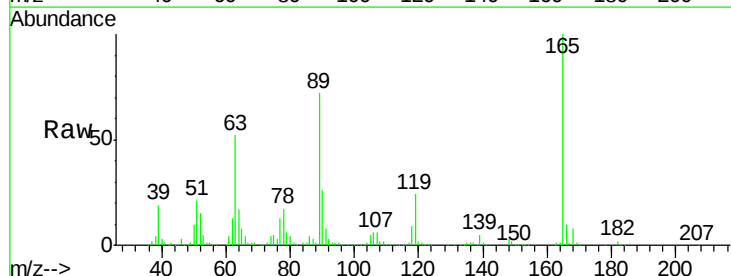
Instrument :
BNA_F
ClientSampleId :
PB111309BS

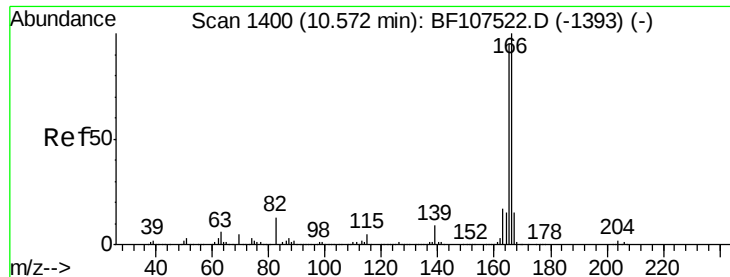
Tgt Ion:139 Resp: 561018
Ion Ratio Lower Upper
139 100
109 64.8 48.4 88.4
65 94.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 49.314 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion:165 Resp: 451840
Ion Ratio Lower Upper
165 100
63 51.9 36.4 54.6
89 72.2 57.8 86.6
182 2.3 1.6 2.4

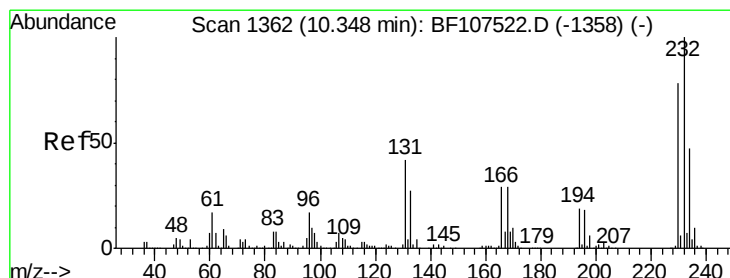
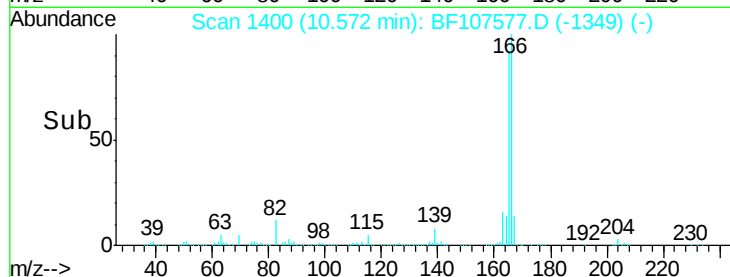
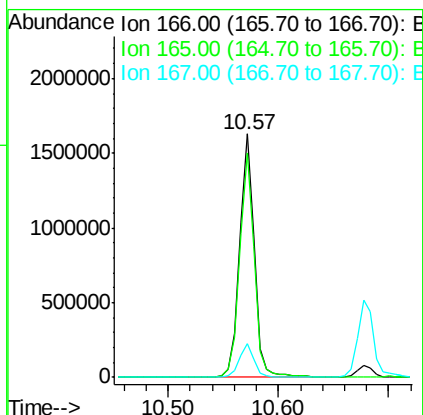
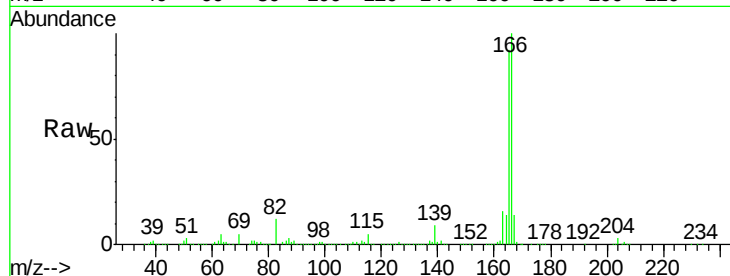




#57
 Fluorene
 Concen: 46.041 ng
 RT: 10.57 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

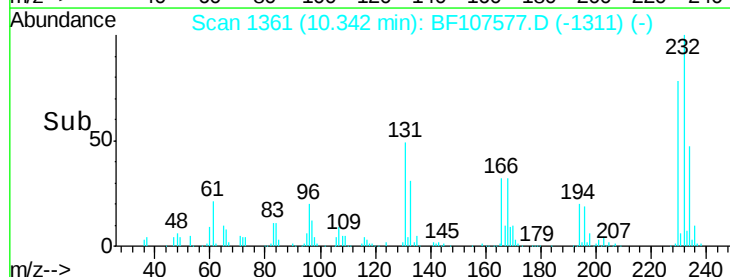
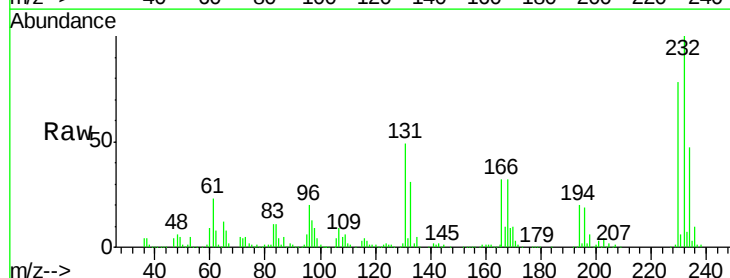
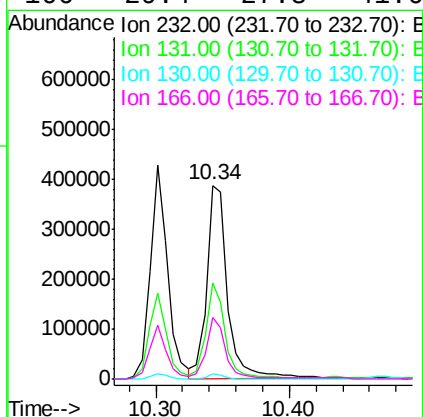
Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

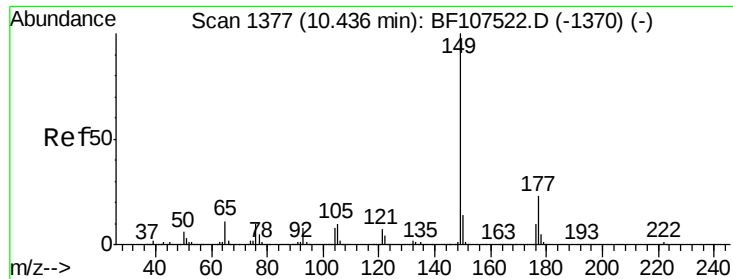
Tgt Ion:166 Resp: 1537309
 Ion Ratio Lower Upper
 166 100
 165 92.3 79.8 119.8
 167 14.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.556 ng
 RT: 10.34 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion:232 Resp: 419730
 Ion Ratio Lower Upper
 232 100
 131 45.4 43.8 65.8
 130 2.2 2.1 3.1
 166 29.4 27.8 41.6

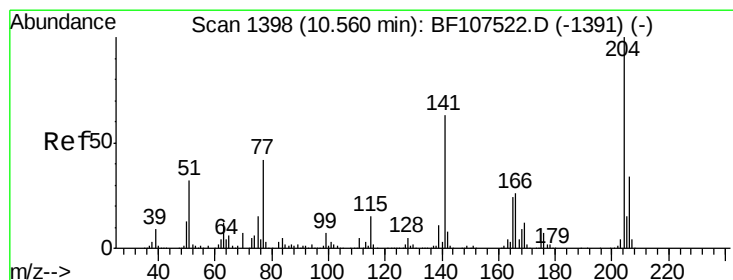
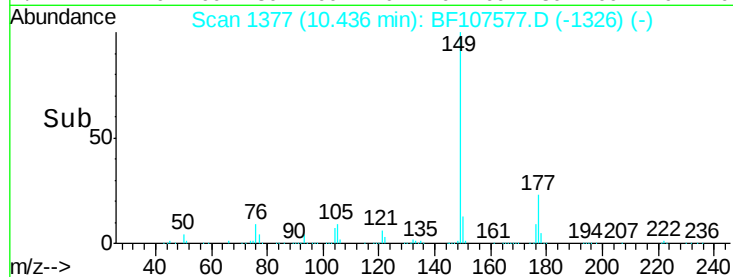
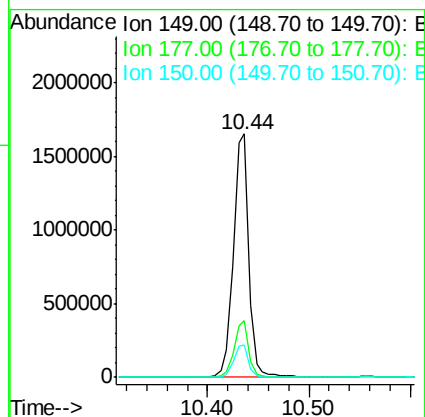
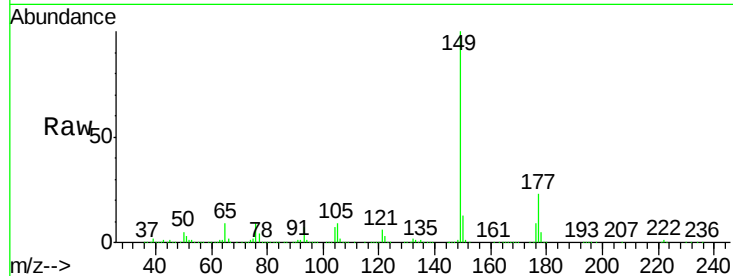




#59
Diethylphthalate
Concen: 43.936 ng
RT: 10.44 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

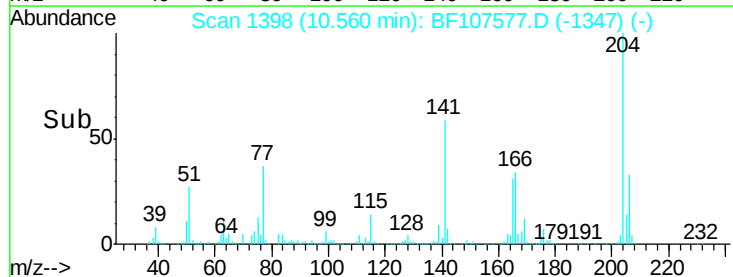
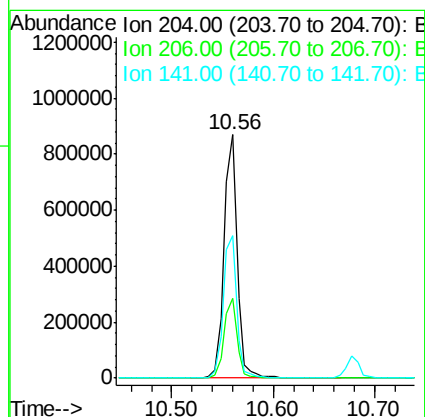
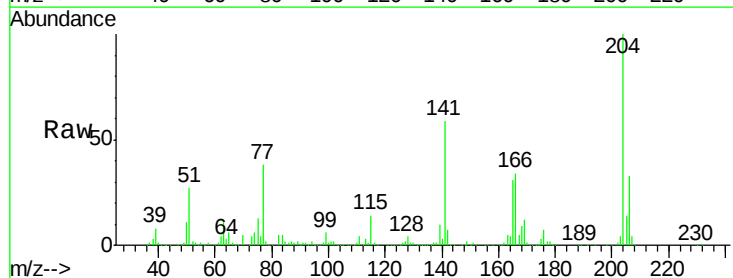
Instrument :
BNA_F
ClientSampleId :
PB111309BS

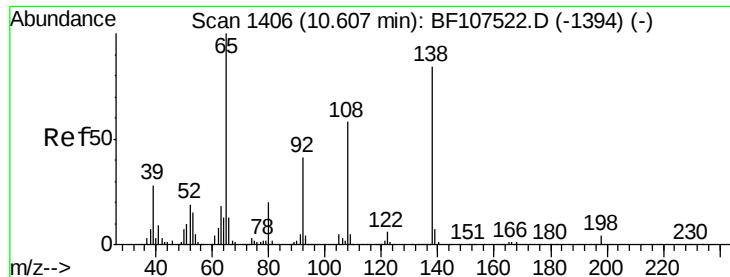
Tgt Ion:149 Resp: 1754293
Ion Ratio Lower Upper
149 100
177 23.2 16.1 24.1
150 13.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.582 ng
RT: 10.56 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion:204 Resp: 784913
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 58.7 54.6 81.8

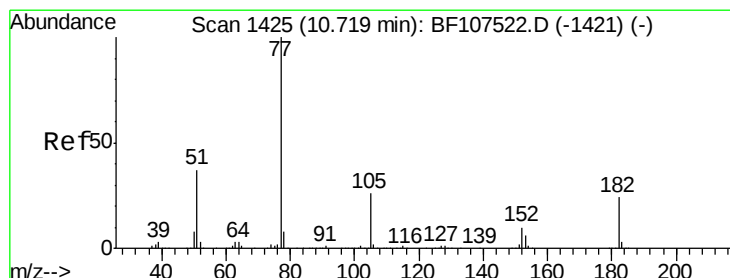
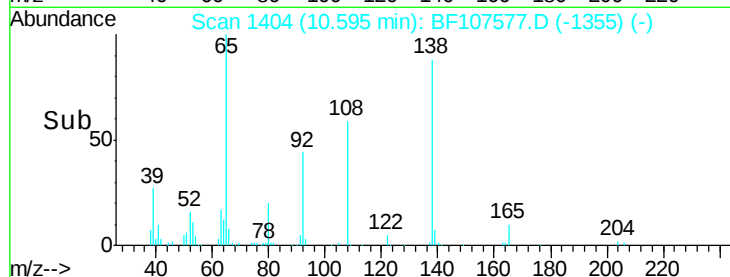
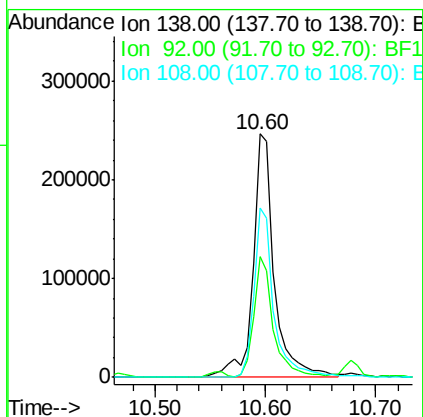
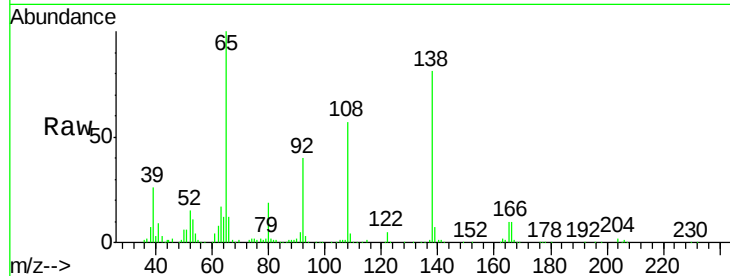




#61
4-Nitroaniline
Concen: 43.041 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

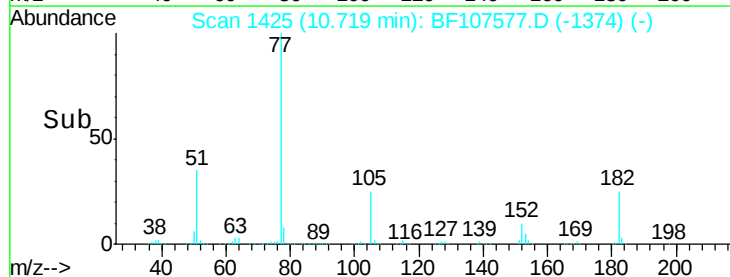
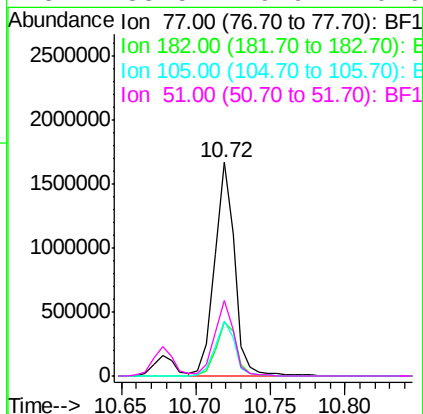
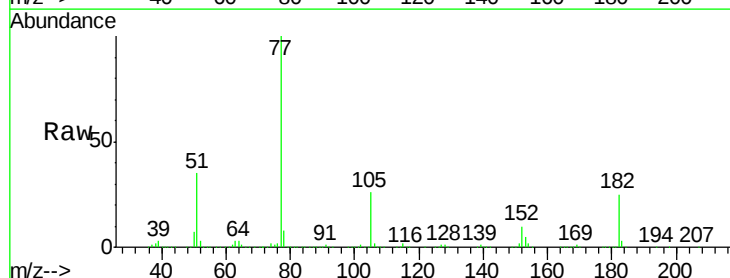
Instrument :
BNA_F
ClientSampleId :
PB111309BS

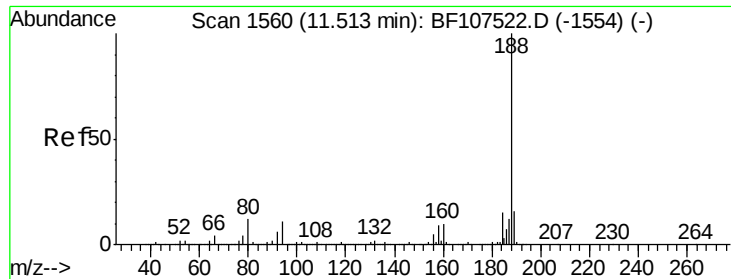
Tgt Ion: 138 Resp: 333925
Ion Ratio Lower Upper
138 100
92 49.7 30.2 70.2
108 69.6 52.5 92.5



#62
Azobenzene
Concen: 41.425 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion: 77 Resp: 1550992
Ion Ratio Lower Upper
77 100
182 25.2 1.7 41.7
105 25.6 3.0 43.0
51 35.5 9.9 49.9

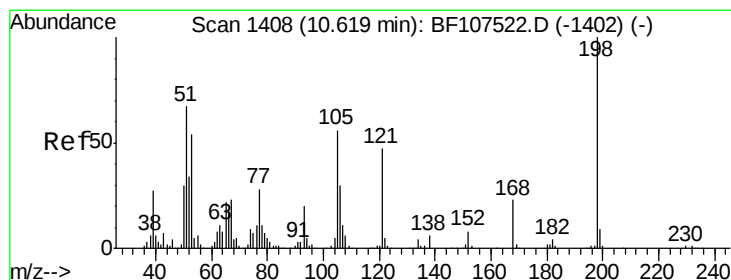
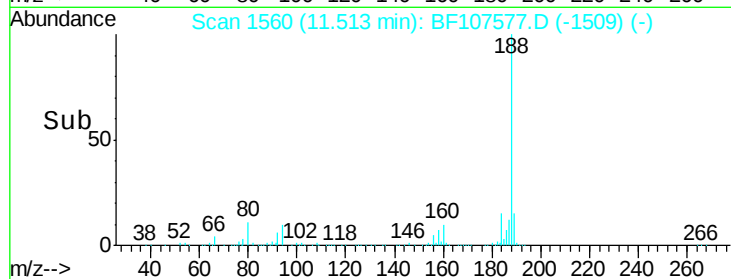
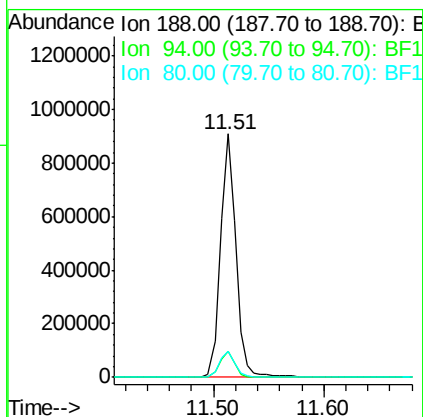
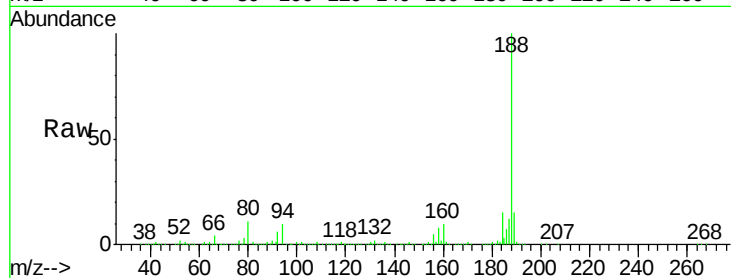




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

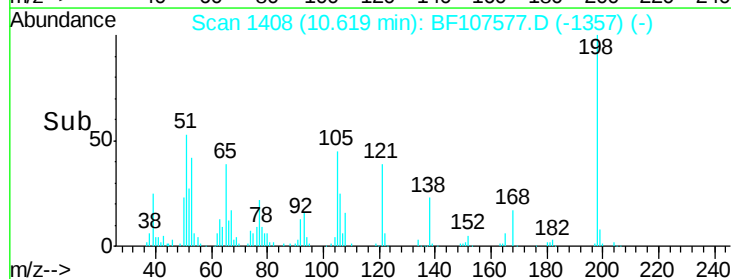
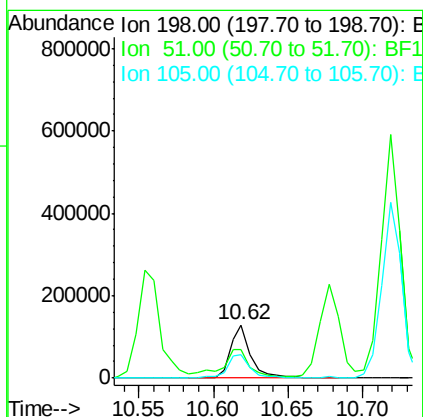
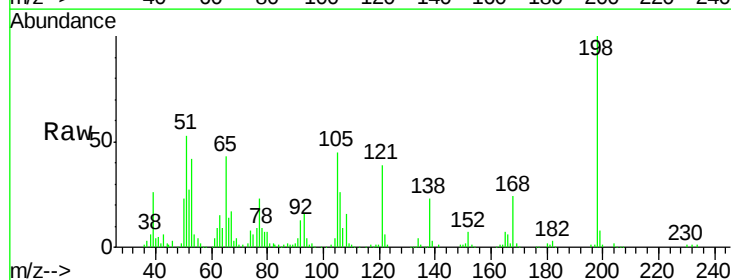
Instrument :
BNA_F
ClientSampleId :
PB111309BS

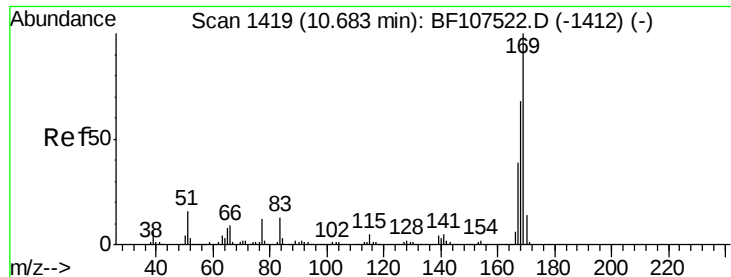
Tgt Ion:188 Resp: 889789
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 32.583 ng
RT: 10.62 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion:198 Resp: 125343
Ion Ratio Lower Upper
198 100
51 52.7 37.7 77.7
105 44.7 36.3 76.3

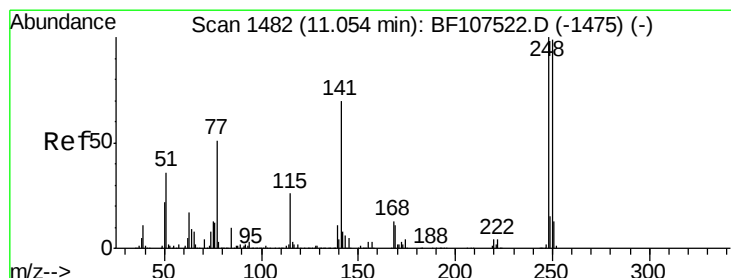
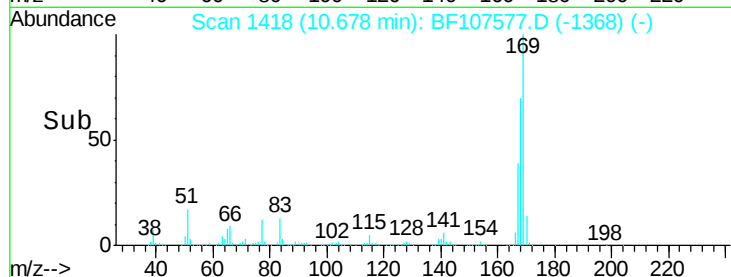
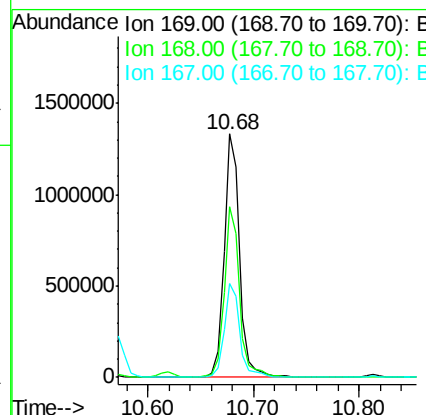
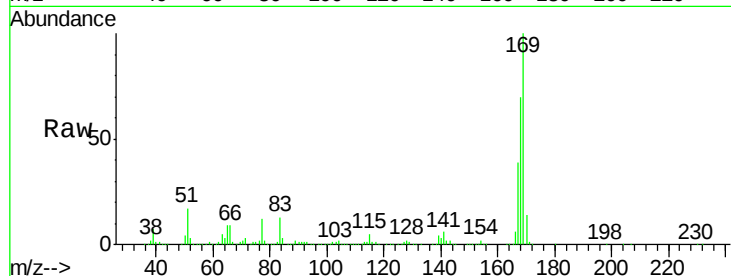




#65
n-Nitrosodiphenylamine
Concen: 45.507 ng
RT: 10.68 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

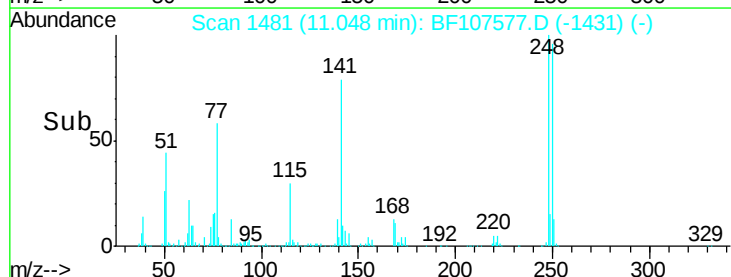
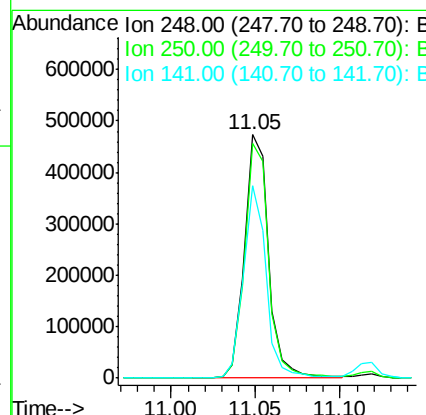
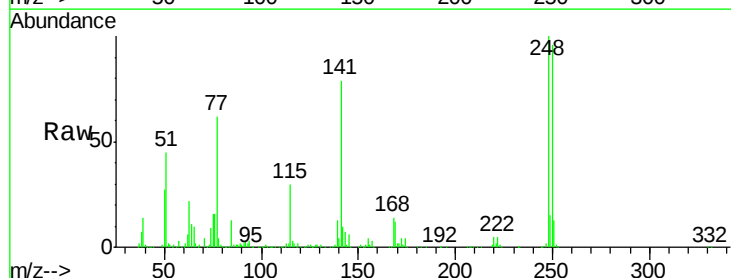
Instrument :
BNA_F
ClientSampleId :
PB111309BS

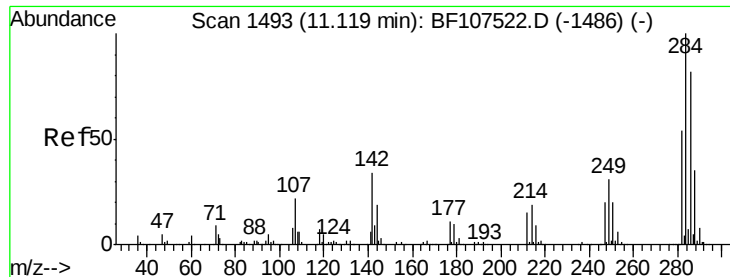
Tgt Ion:169 Resp: 1375203
Ion Ratio Lower Upper
169 100
168 70.1 54.4 81.6
167 38.7 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 44.986 ng
RT: 11.05 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion:248 Resp: 471202
Ion Ratio Lower Upper
248 100
250 96.1 76.9 115.3
141 78.8 74.4 111.6

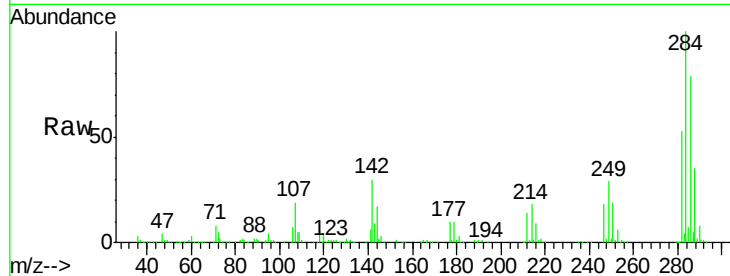




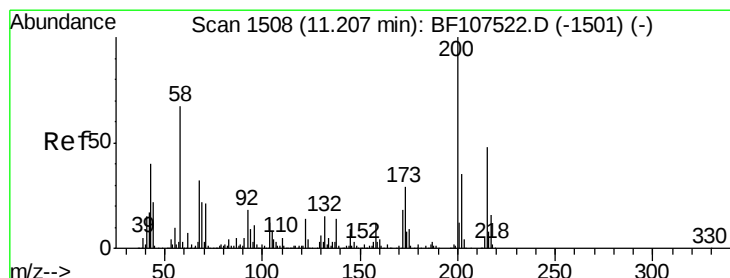
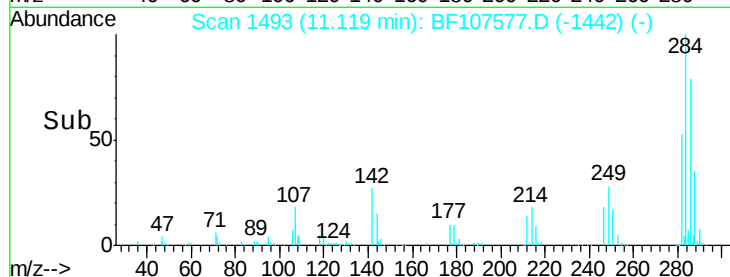
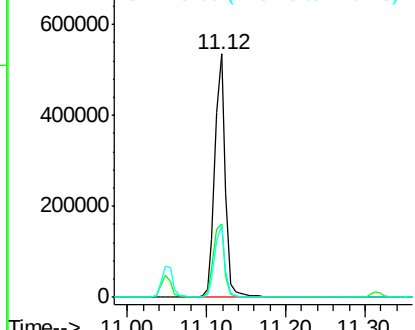
#67
Hexachlorobenzene
Concen: 42.861 ng
RT: 11.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

Tgt Ion:284 Resp: 493971
Ion Ratio Lower Upper
284 100
142 30.1 34.6 52.0#
249 29.5 24.8 37.2

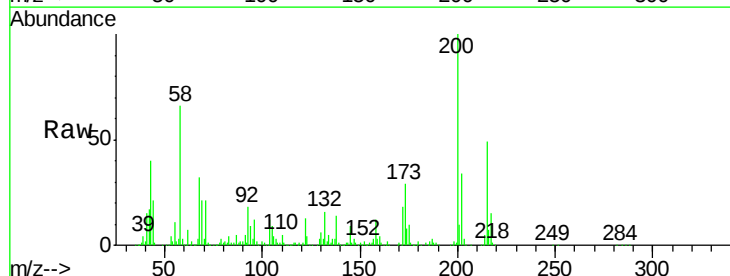


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

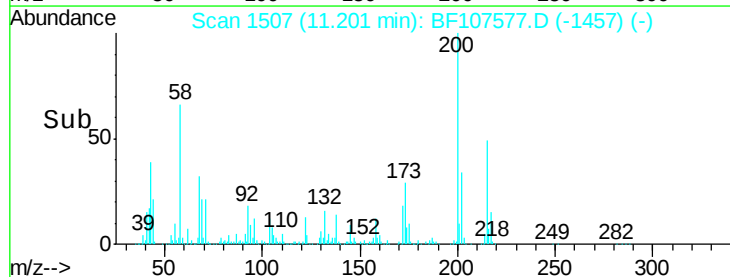
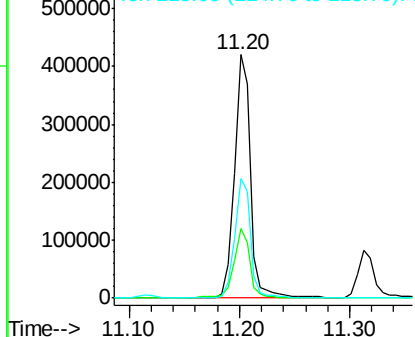


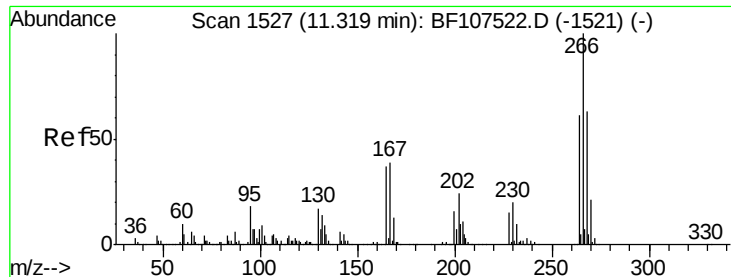
#68
Atrazine
Concen: 46.444 ng
RT: 11.20 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion:200 Resp: 428522
Ion Ratio Lower Upper
200 100
173 28.5 8.6 48.6
215 48.8 25.1 65.1



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

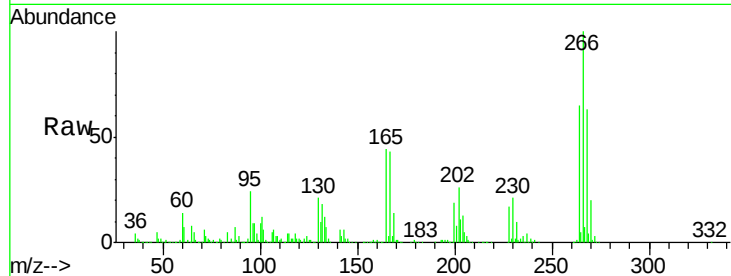




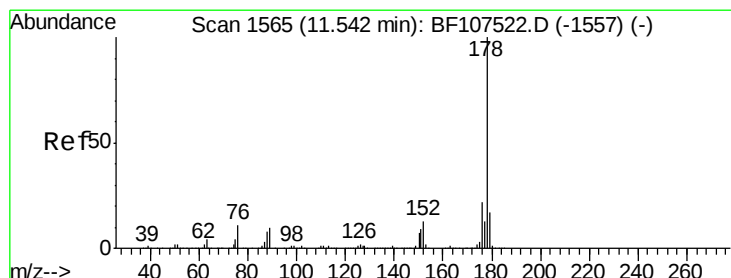
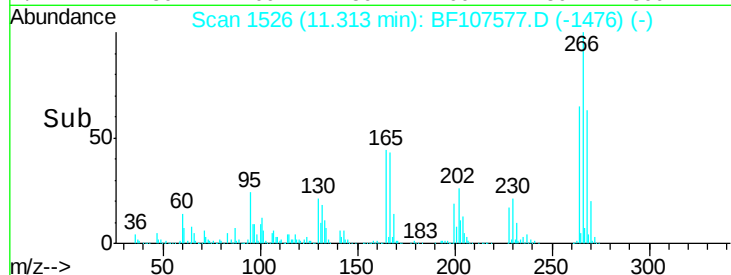
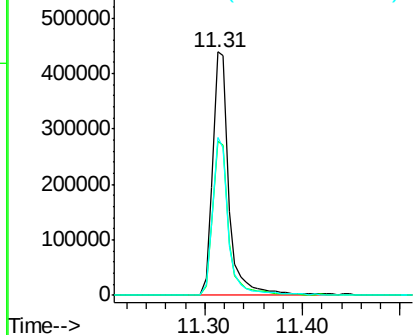
#69
 Pentachlorophenol
 Concen: 70.824 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

Tgt Ion: 266 Resp: 509841
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 65.0 49.5 74.3

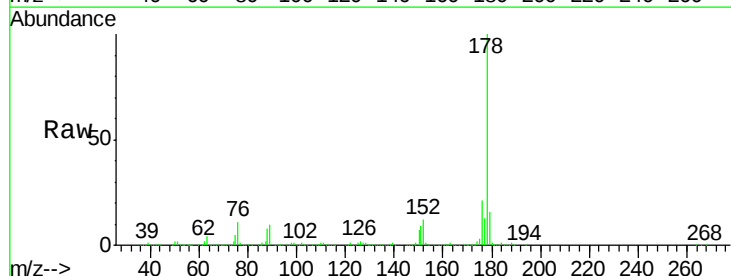


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

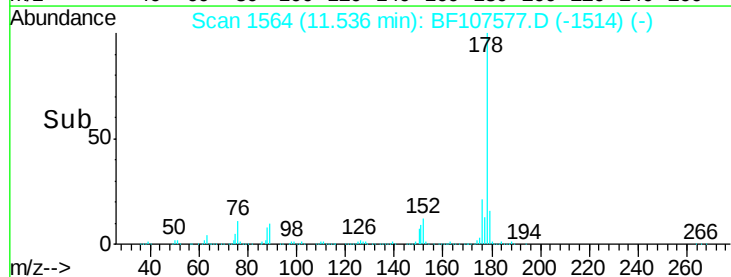
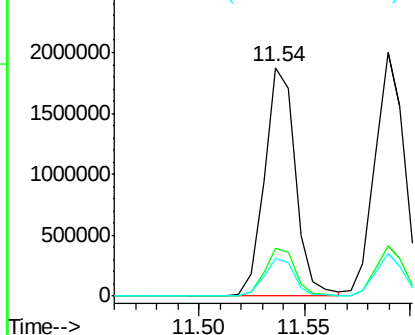


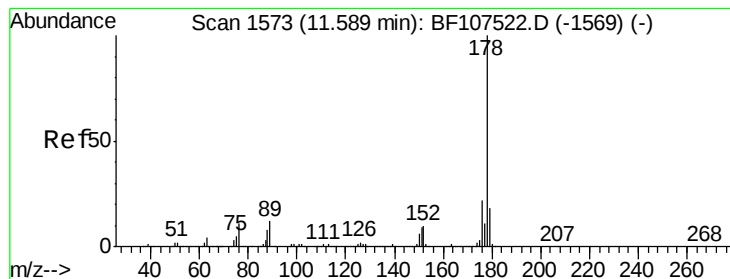
#70
 Phenanthrene
 Concen: 44.240 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion: 178 Resp: 1918246
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.8 23.8
 179 16.5 13.0 19.6



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





#71

Anthracene

Concen: 46.899 ng

RT: 11.59 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

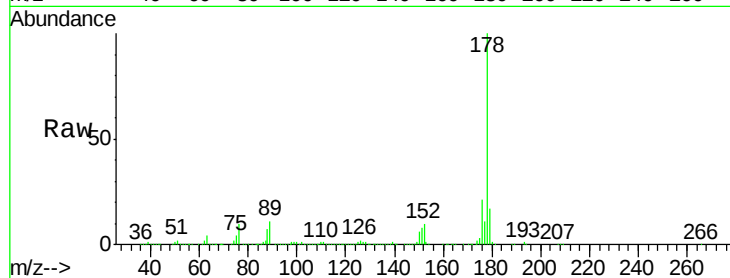
Tgt Ion:178 Resp: 2047461

Ion Ratio Lower Upper

178 100

176 20.5 15.4 23.2

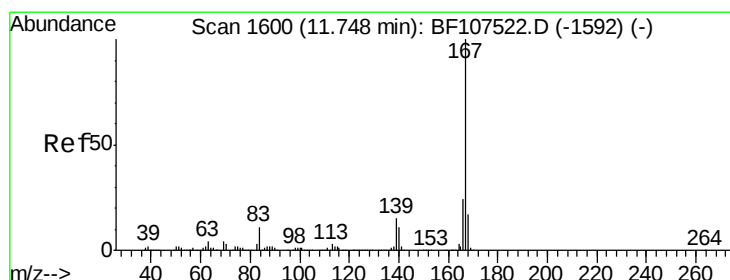
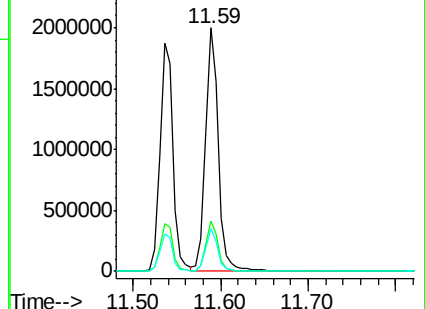
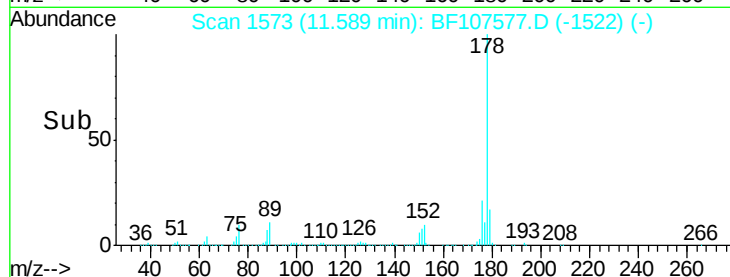
179 17.3 12.6 19.0



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

Carbazole

Concen: 42.173 ng

RT: 11.75 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

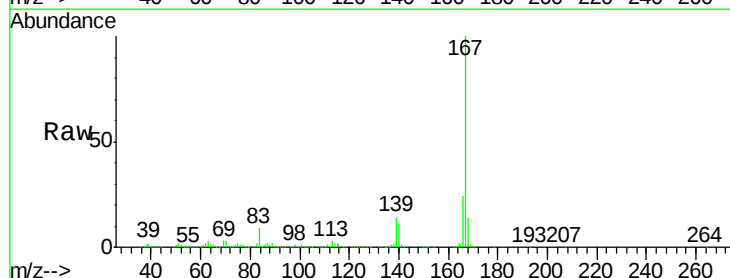
Tgt Ion:167 Resp: 1914570

Ion Ratio Lower Upper

167 100

166 23.8 17.6 26.4

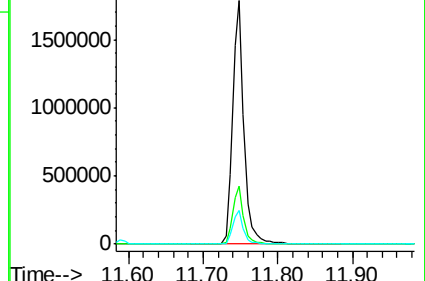
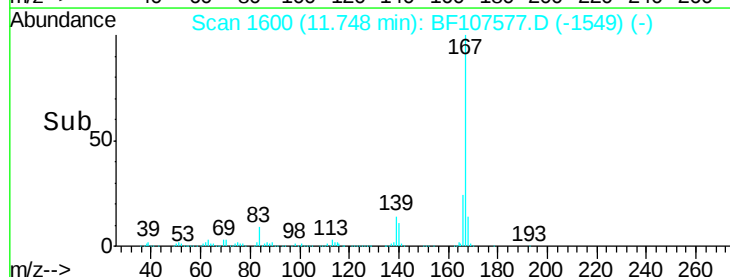
139 13.7 10.9 16.3

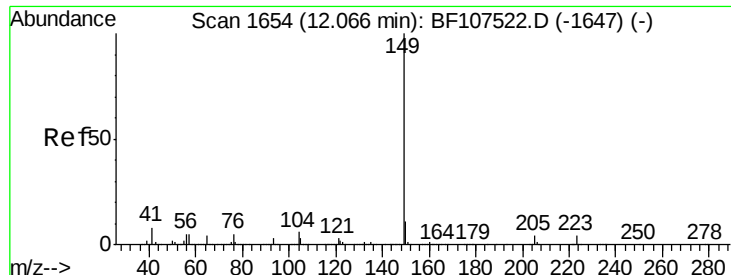


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 53.303 ng

RT: 12.06 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

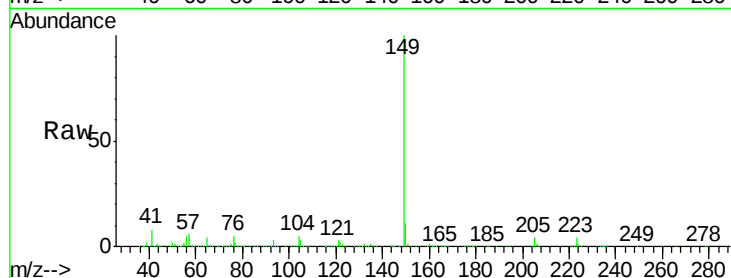
Tgt Ion:149 Resp: 2356896

Ion Ratio Lower Upper

149 100

150 11.2 7.8 11.6

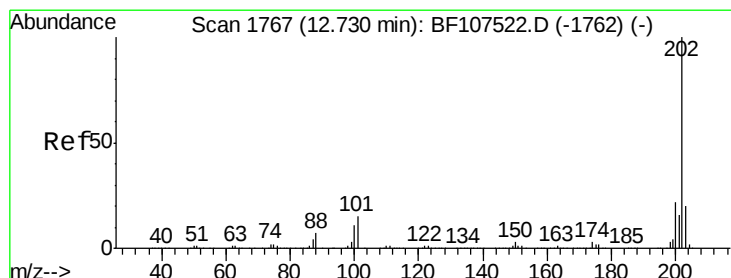
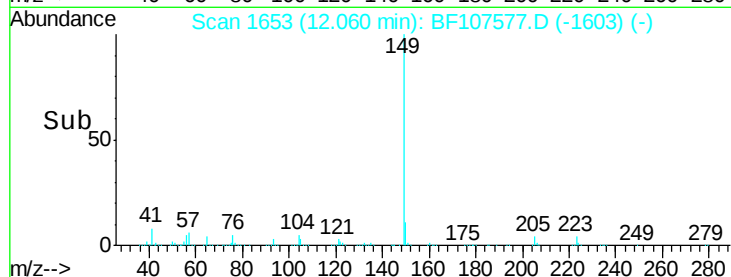
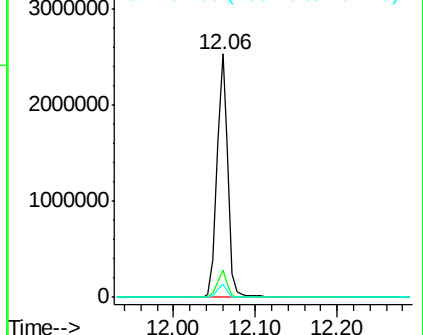
104 5.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.723 ng

RT: 12.73 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

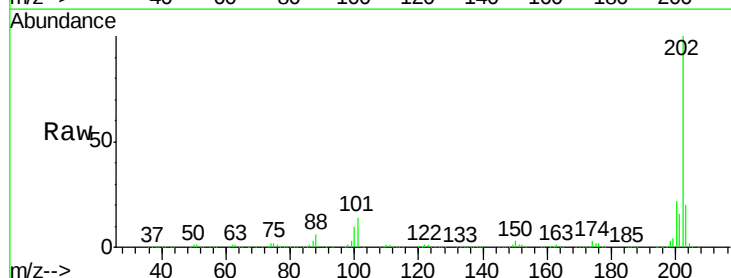
Tgt Ion:202 Resp: 2080902

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.1

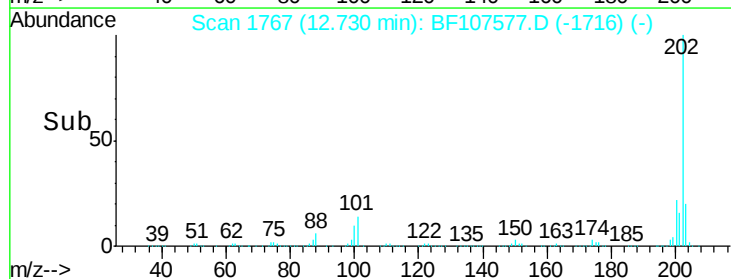
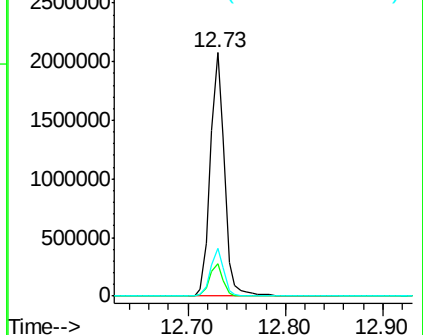
203 19.5 0.0 38.1

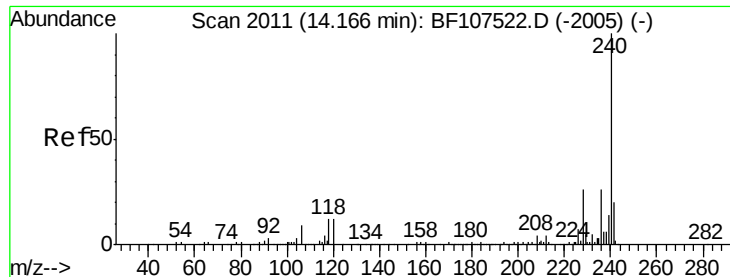


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

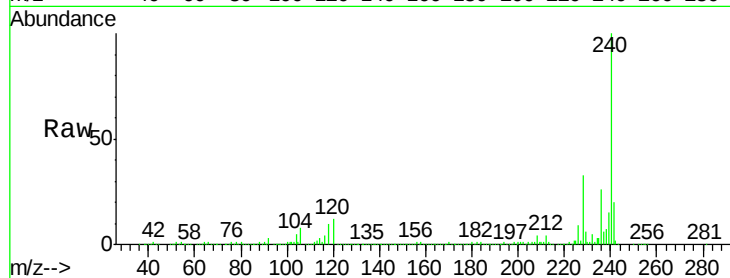
Tgt Ion:240 Resp: 715116

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

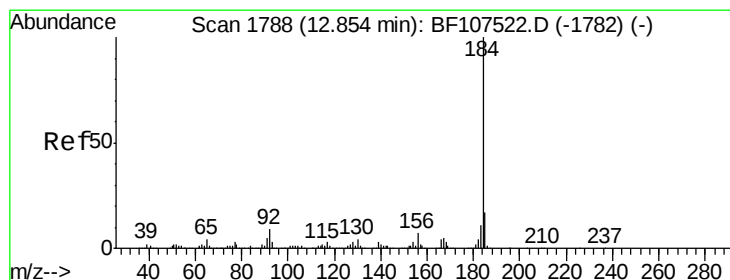
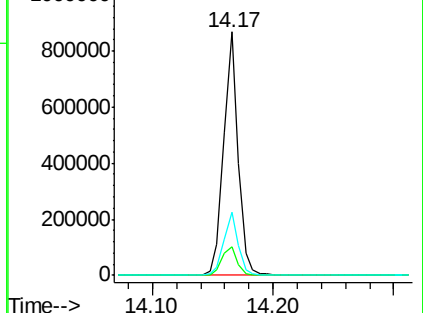
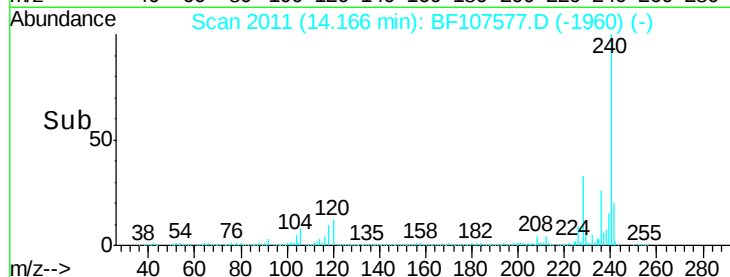
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 49.500 ng

RT: 12.85 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

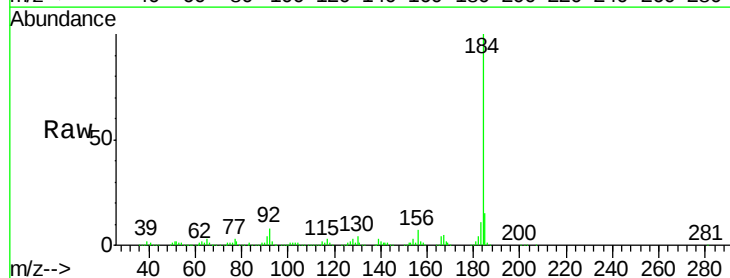
Tgt Ion:184 Resp: 1019412

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

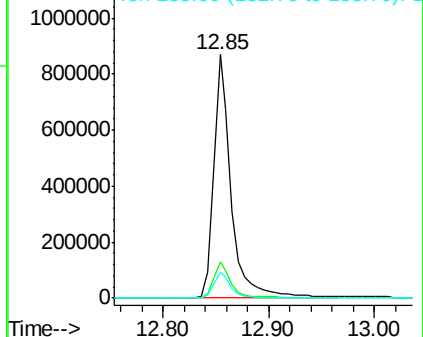
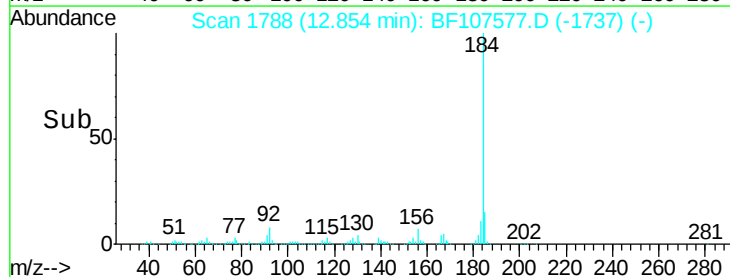
183 10.9 9.3 13.9

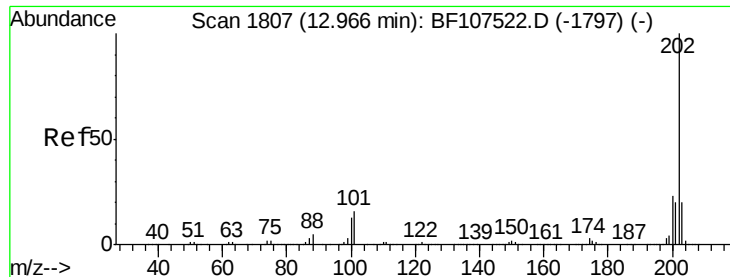


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

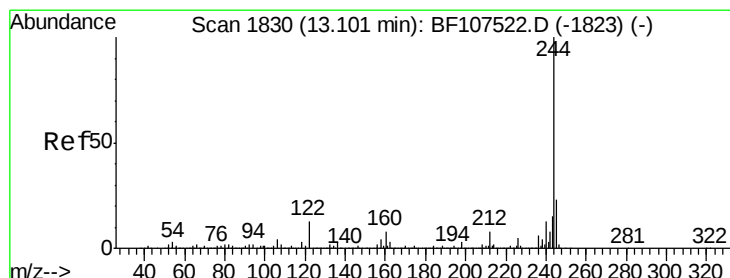
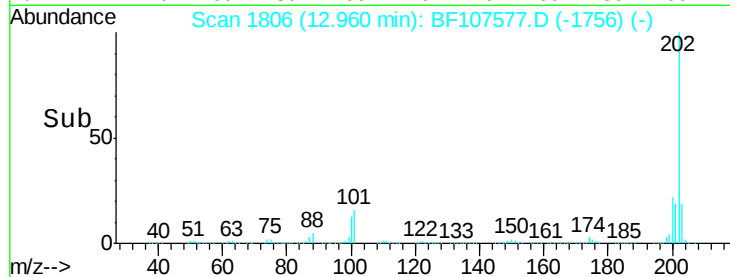
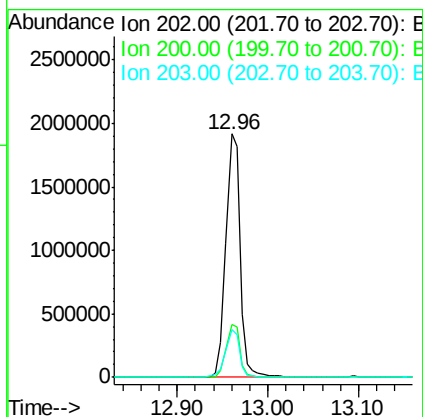
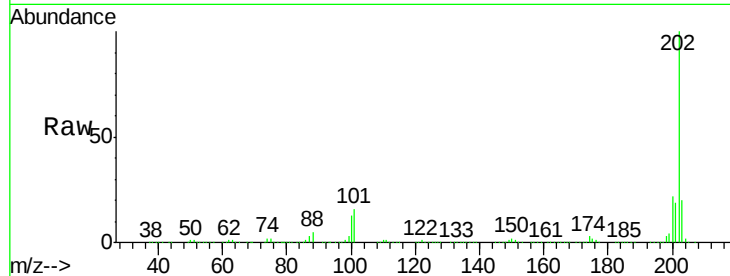




#77
 Pyrene
 Concen: 42.444 ng
 RT: 12.96 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

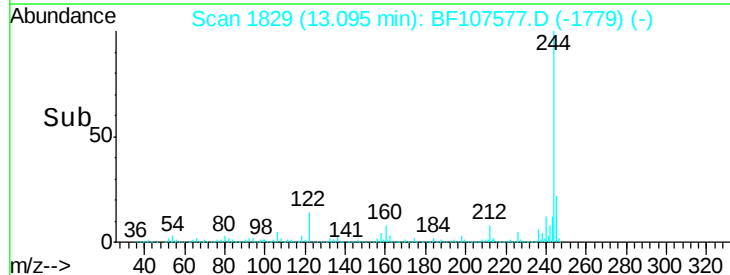
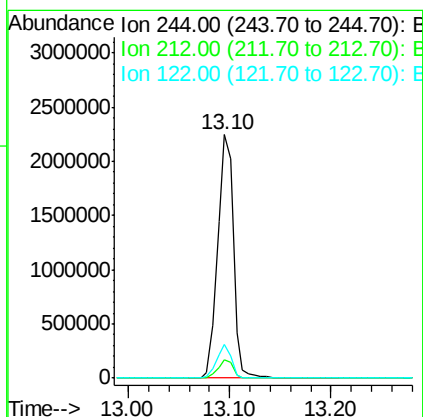
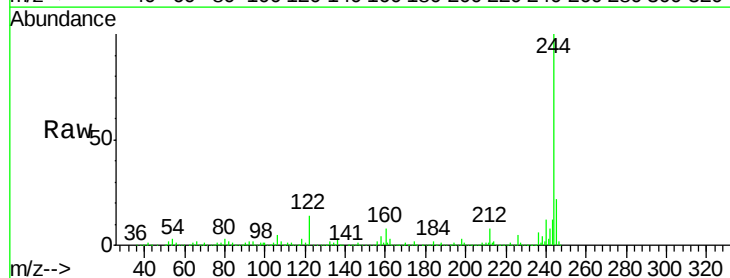
Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

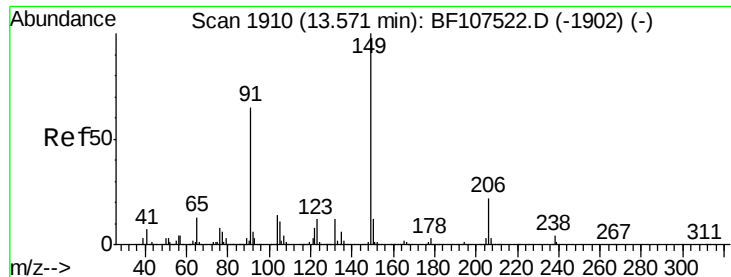
Tgt Ion: 202 Resp: 2076148
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.4 26.2
 203 19.5 14.3 21.5



#78
 Terphenyl-d14
 Concen: 86.801 ng
 RT: 13.10 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion: 244 Resp: 2424627
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.0
 122 14.0 11.0 16.4





#79

Butylbenzylphthalate

Concen: 49.131 ng

RT: 13.57 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

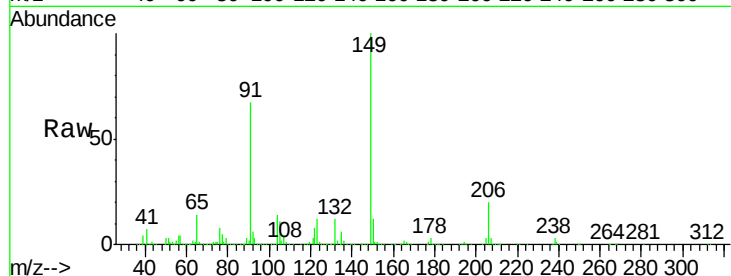
Tgt Ion:149 Resp: 1033525

Ion Ratio Lower Upper

149 100

91 67.0 56.8 85.2

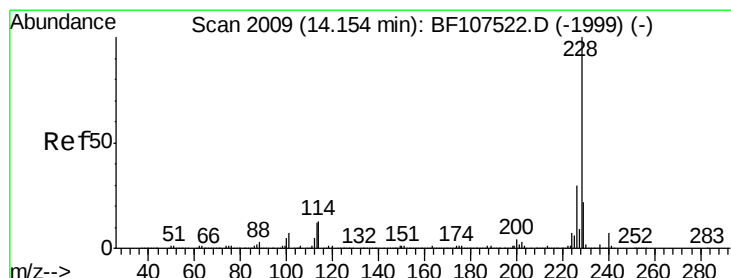
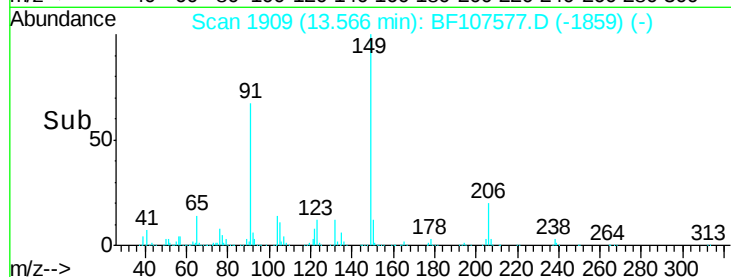
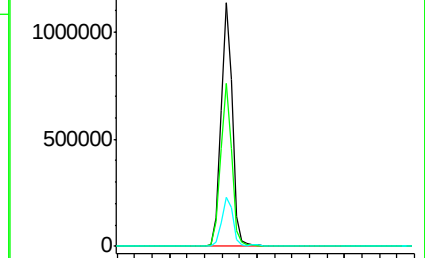
206 20.3 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.349 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

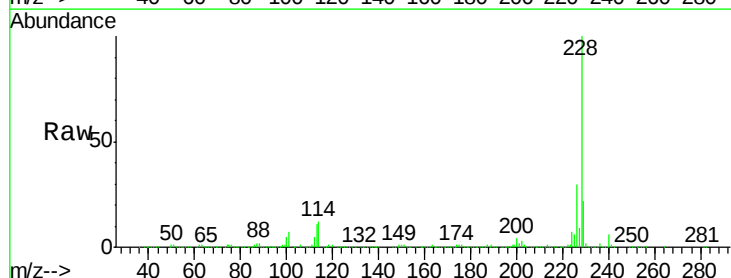
Tgt Ion:228 Resp: 1900430

Ion Ratio Lower Upper

228 100

226 29.7 22.6 33.8

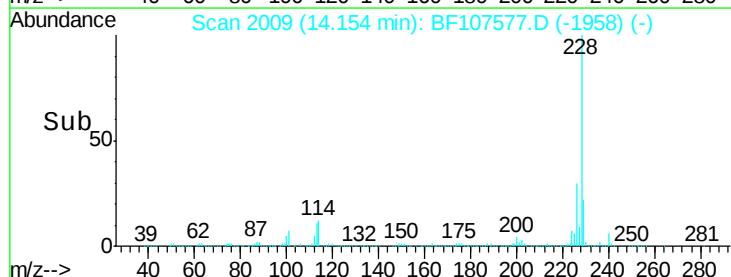
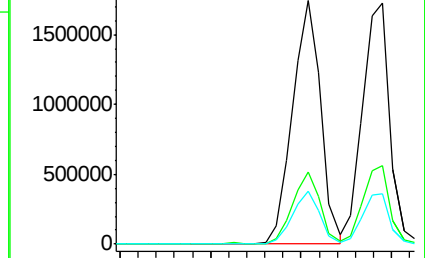
229 21.6 15.8 23.6

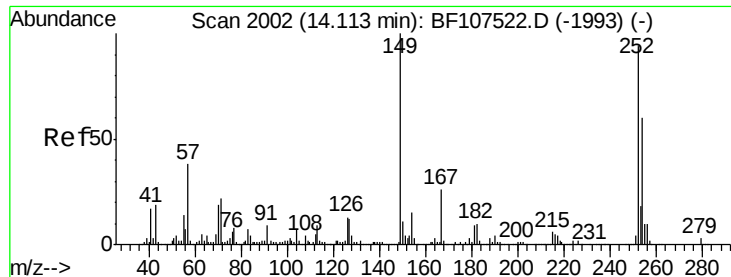


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

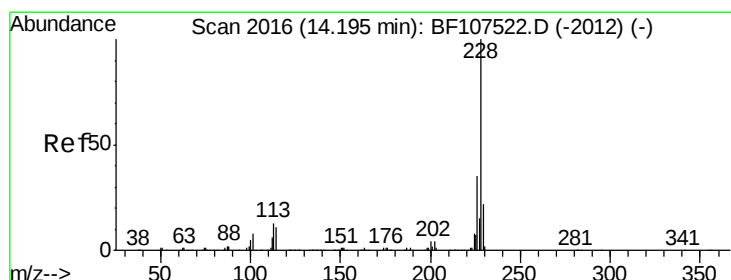
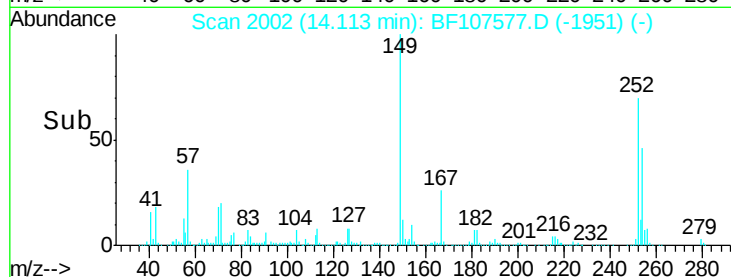
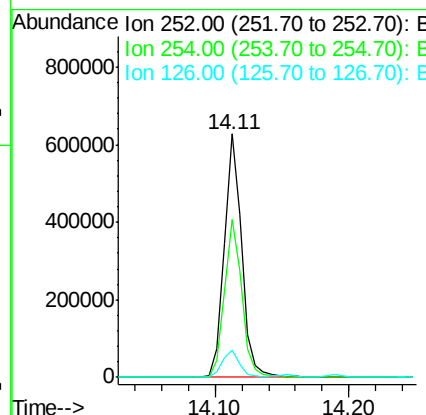
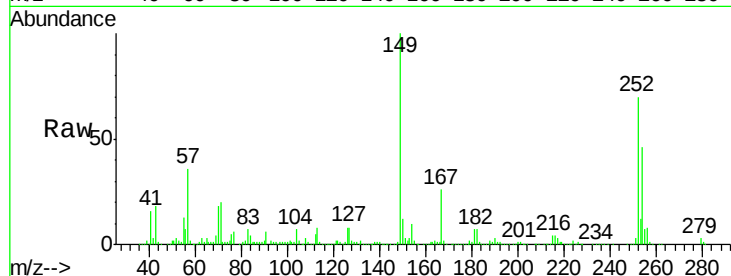




#81
 3,3'-Dichlorobenzidine
 Concen: 47.783 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

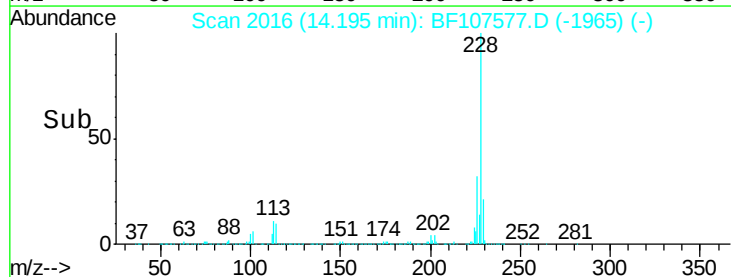
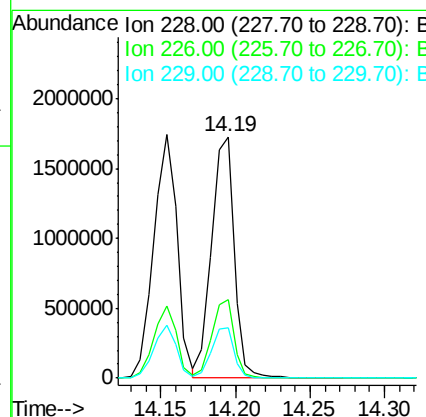
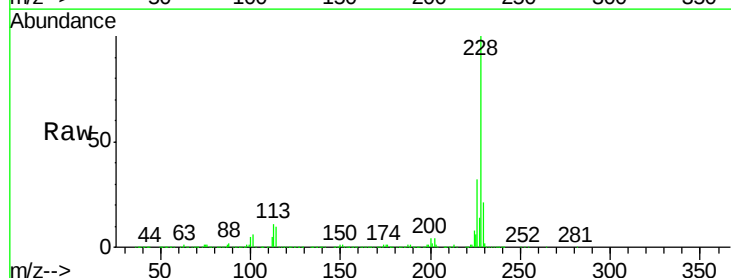
Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

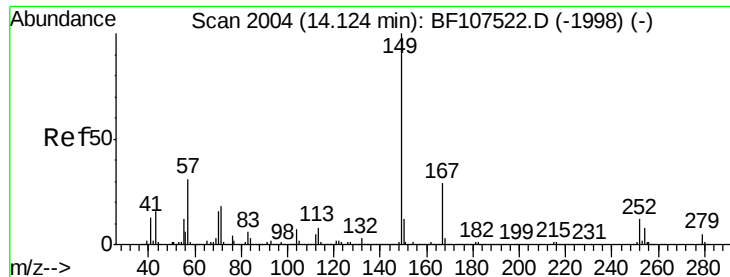
Tgt Ion: 252 Resp: 582980
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.4 75.6
 126 11.2 11.3 16.9#



#82
 Chrysene
 Concen: 45.165 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion: 228 Resp: 1818163
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.0 37.6
 229 20.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.470 ng

RT: 14.12 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

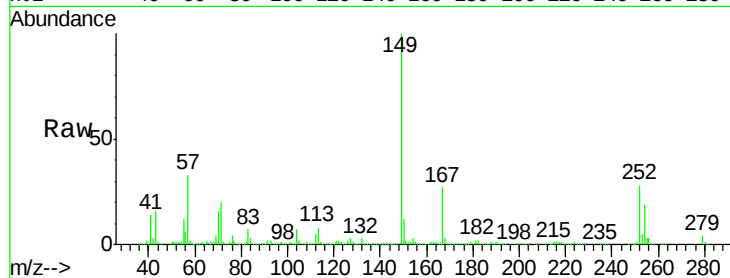
Tgt Ion:149 Resp: 1349627

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

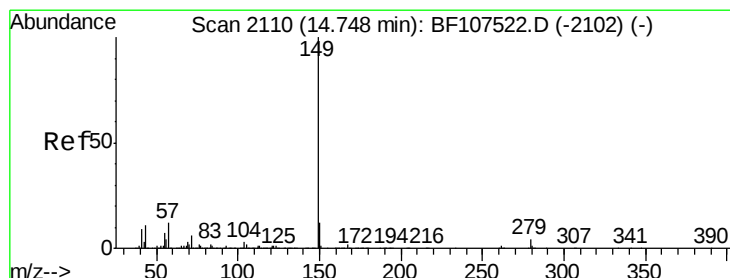
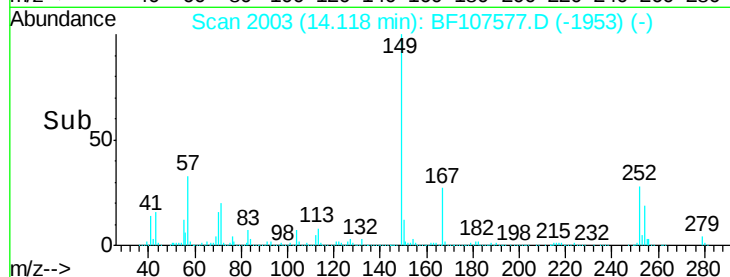
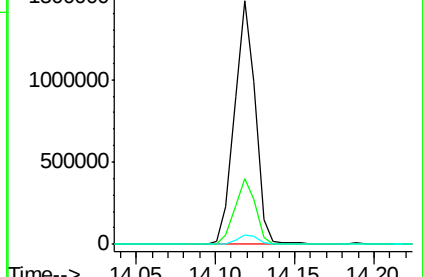
279 3.9 3.0 4.4



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



#84

Di-n-octyl phthalate

Concen: 50.412 ng

RT: 14.74 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

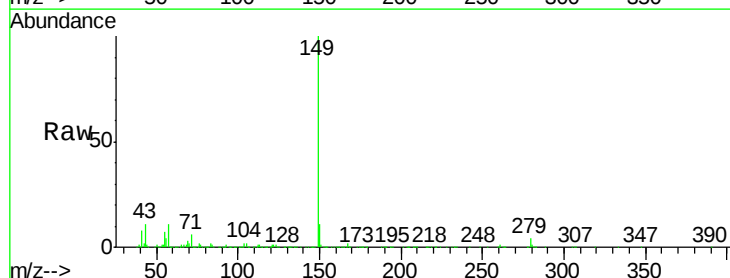
Tgt Ion:149 Resp: 2325821

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

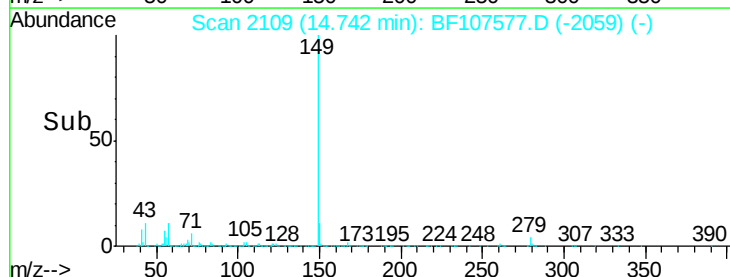
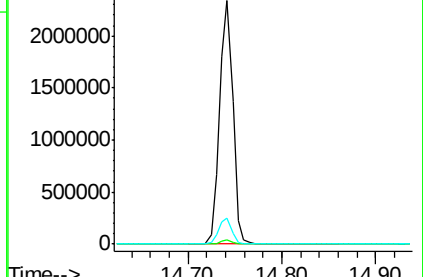
43 10.6 8.4 12.6

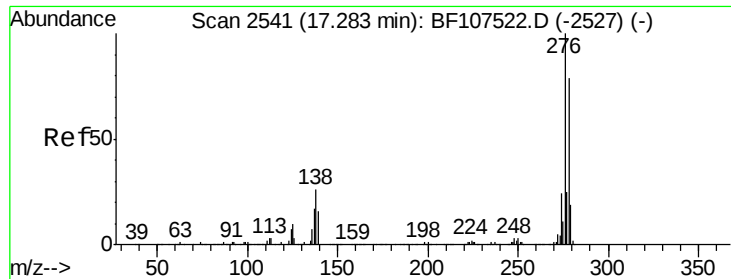


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

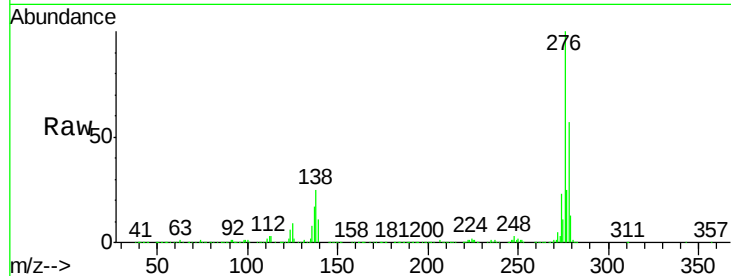




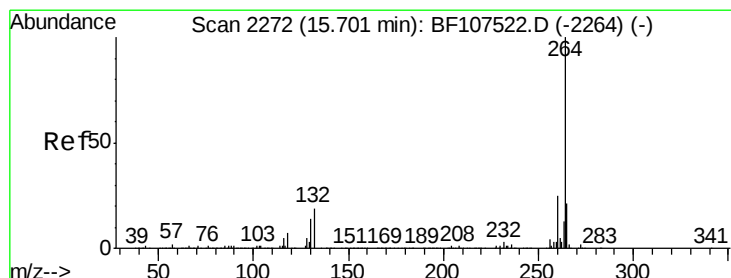
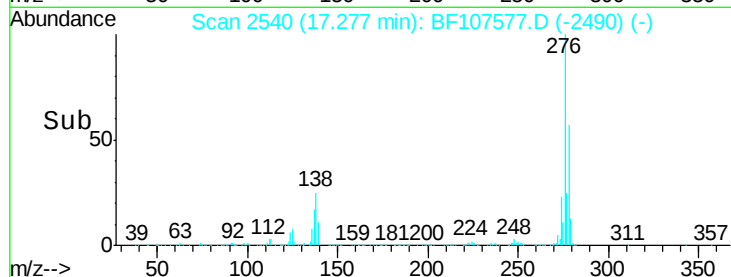
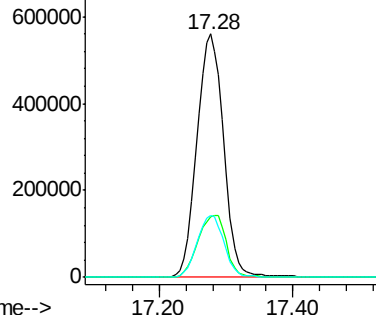
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.376 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

Tgt Ion:276 Resp: 1582251
 Ion Ratio Lower Upper
 276 100
 138 27.2 25.0 37.6
 277 25.6 20.1 30.1

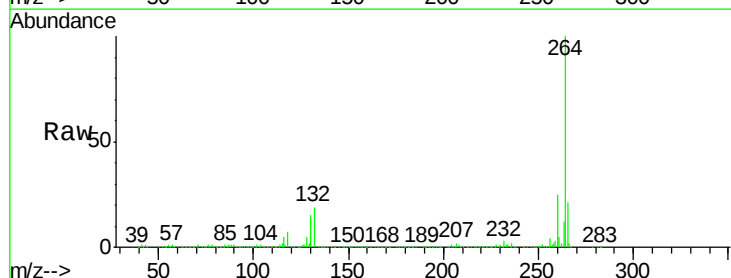


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

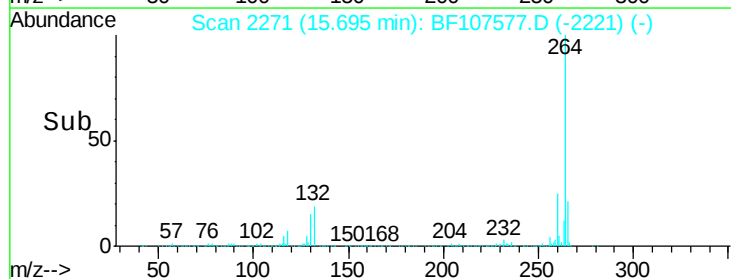
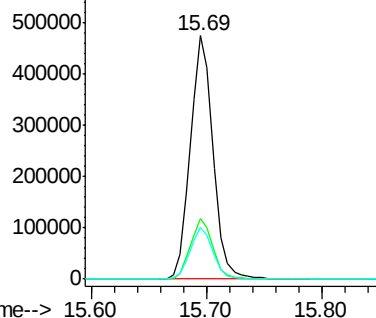


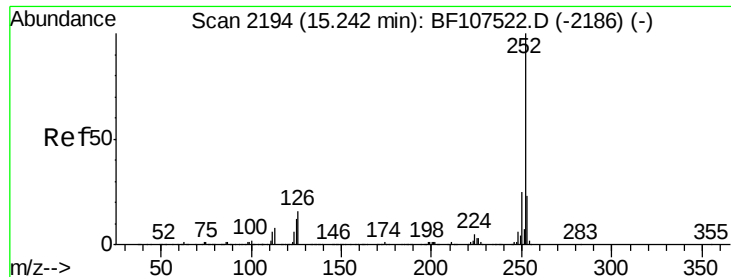
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion:264 Resp: 646816
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

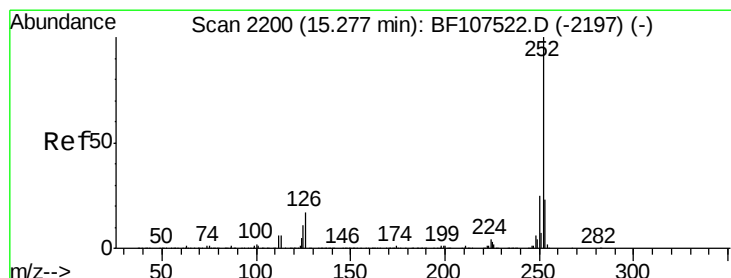
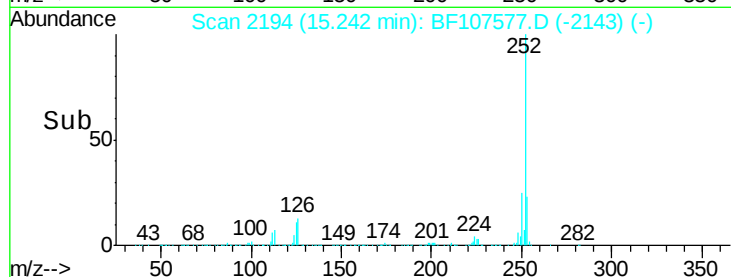
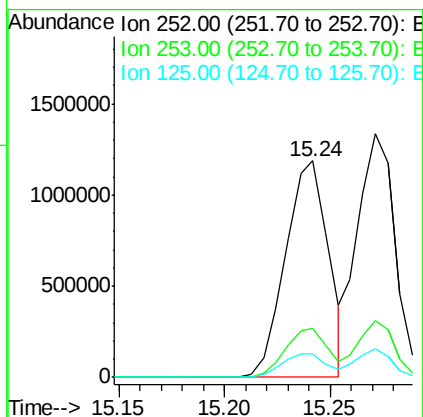
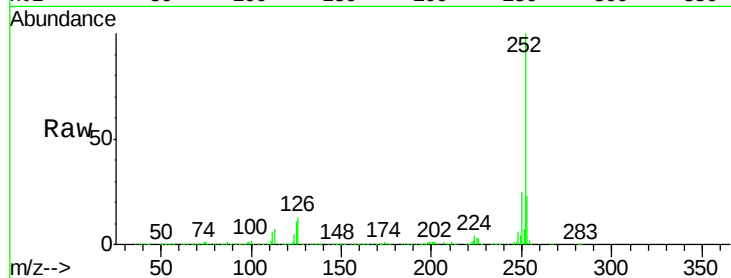




#87
Benzo(b)fluoranthene
Concen: 47.450 ng
RT: 15.24 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

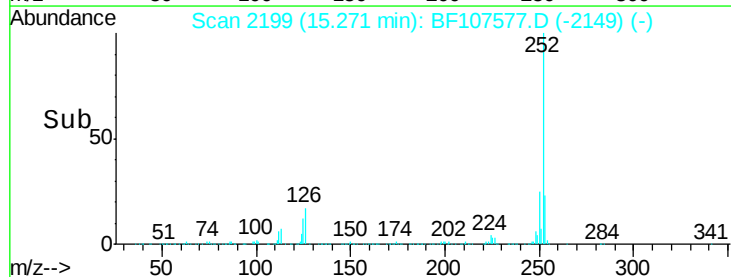
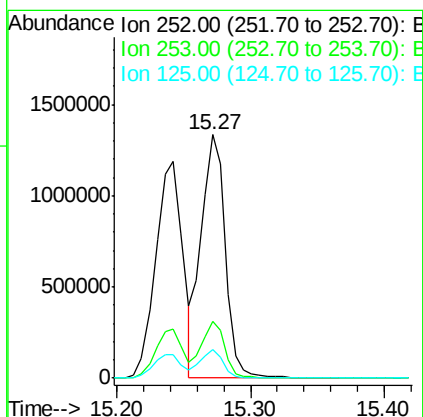
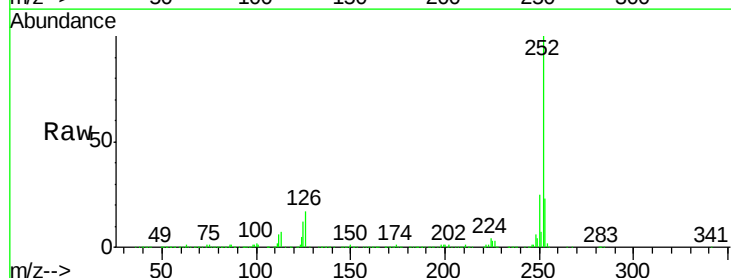
Instrument :
BNA_F
ClientSampleId :
PB111309BS

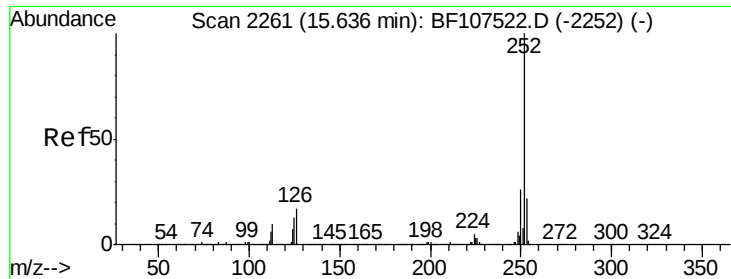
Tgt Ion:252 Resp: 1679711
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 10.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 48.171 ng
RT: 15.27 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion:252 Resp: 1670668
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 11.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 48.346 ng

RT: 15.64 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

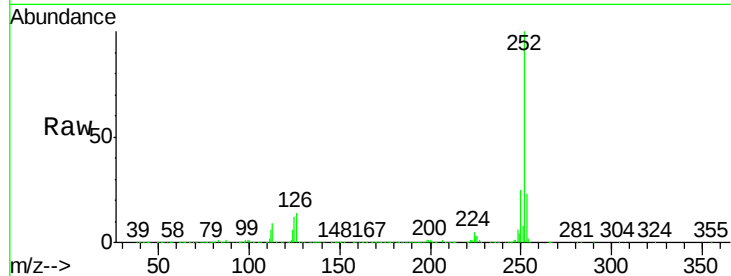
Tgt Ion:252 Resp: 1565495

Ion Ratio Lower Upper

252 100

253 23.3 17.1 25.7

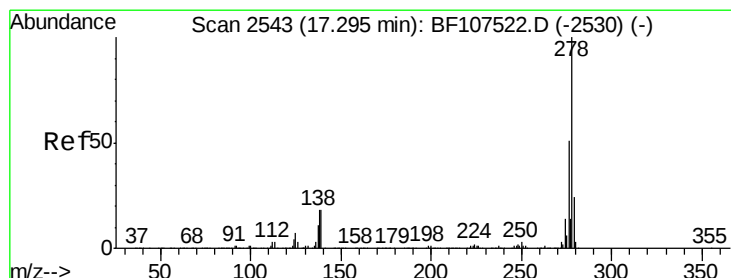
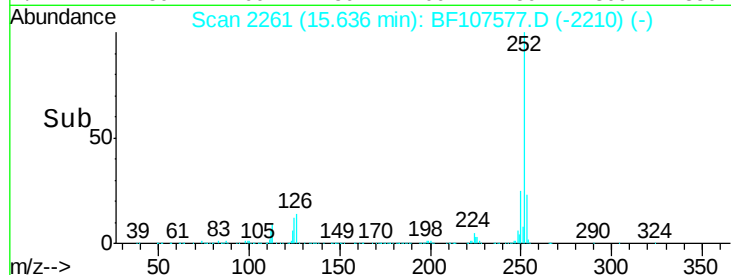
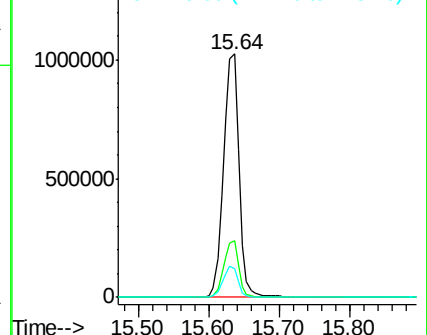
125 11.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.028 ng

RT: 17.29 min Scan# 2543

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

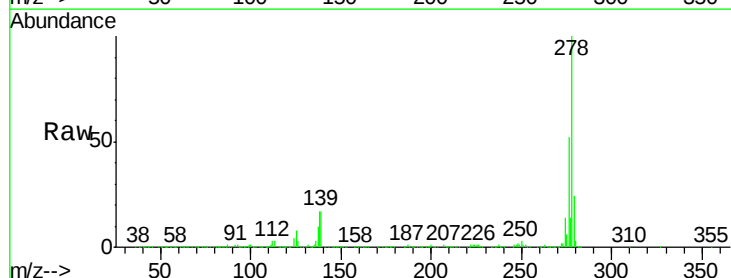
Tgt Ion:278 Resp: 1344354

Ion Ratio Lower Upper

278 100

139 16.7 15.9 23.9

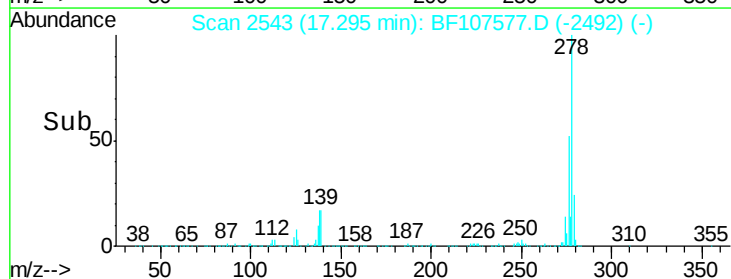
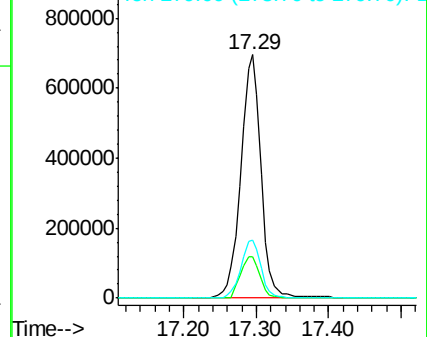
279 23.8 19.0 28.4

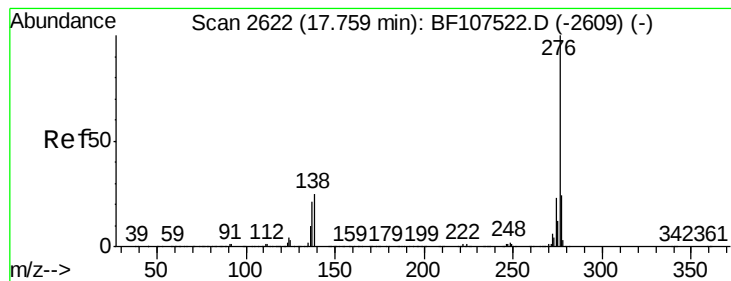


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 46.806 ng

RT: 17.76 min Scan# 2622

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

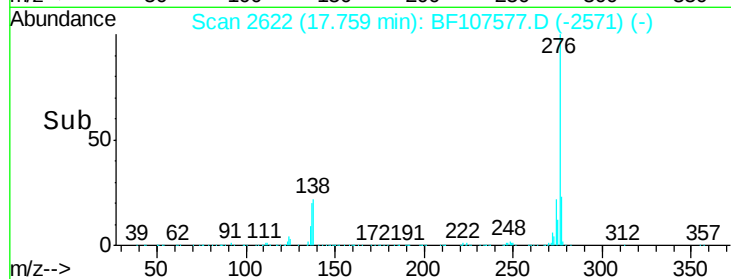
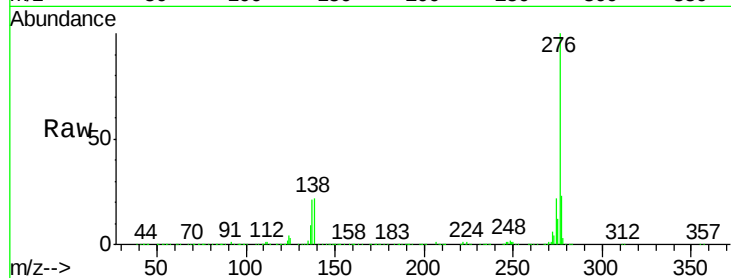
Tgt Ion: 276 Resp: 1292318

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 22.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

