

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107578.D
 Acq On : 21 Jul 2018 16:01
 Operator : JU/SJ
 Sample : PB111309BSD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Quant Time: Jul 23 03:30:25 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	295550	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1109647	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	452797	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	797096	20.00	ng	0.00
75) Chrysene-d12	14.17	240	646812	20.00	ng	0.00
86) Perylene-d12	15.69	264	577727	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1592528	86.63	ng	0.00
7) Phenol-d6	6.61	99	1863500	84.43	ng	0.00
23) Nitrobenzene-d5	7.54	82	1726751	105.02	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	482673	93.74	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	2813068	118.20	ng	0.00
78) Terphenyl-d14	13.10	244	2273922	90.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	277347	32.416	ng	# 85
3) Pyridine	3.66	79	769132	33.044	ng	87
4) n-Nitrosodimethylamine	3.63	42	381838	38.896	ng	97
6) Aniline	6.64	93	798836	28.061	ng	# 87
8) 2-Chlorophenol	6.77	128	837019	42.501	ng	98
9) Benzaldehyde	6.52	77	363239	24.370	ng	98
10) Phenol	6.62	94	1010545	38.929	ng	97
11) bis(2-Chloroethyl)ether	6.71	93	827716	38.461	ng	92
12) 1,3-Dichlorobenzene	6.91	146	880708	39.443	ng	97
13) 1,4-Dichlorobenzene	6.99	146	917686	40.099	ng	99
14) 1,2-Dichlorobenzene	7.15	146	819836	39.918	ng	99
15) Benzyl Alcohol	7.12	79	659625	43.850	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1356691	37.367	ng	88
17) 2-Methylphenol	7.22	107	710314	42.436	ng	96
18) Hexachloroethane	7.48	117	289554	36.072	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	565905	39.688	ng	99
20) 3+4-Methylphenols	7.38	107	878994	44.224	ng	# 72
22) Acetophenone	7.38	105	1155997	44.359	ng	# 90
24) Nitrobenzene	7.56	77	872235	46.316	ng	98
25) Isophorone	7.80	82	1580949	45.032	ng	98
26) 2-Nitrophenol	7.87	139	436913	54.938	ng	96
27) 2,4-Dimethylphenol	7.91	122	744713	49.470	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	1027292	43.786	ng	99
29) 2,4-Dichlorophenol	8.12	162	700156	45.505	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	721015	41.722	ng	99
31) Naphthalene	8.28	128	2245149	46.011	ng	97
32) Benzoic acid	8.03	122	432272	42.262	ng	96
33) 4-Chloroaniline	8.34	127	251560	11.795	ng	98
34) Hexachlorobutadiene	8.39	225	420844	40.983	ng	99
35) Caprolactam	8.71	113	159647	31.900	ng	# 86
36) 4-Chloro-3-methylphenol	8.82	107	750435	43.907	ng	99
37) 2-Methylnaphthalene	8.97	142	1553397	45.940	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	722986	47.872	ng	97
40) Hexachlorocyclopentadiene	9.12	237	296137	38.573	ng	96

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107578.D
 Acq On : 21 Jul 2018 16:01
 Operator : JU/SJ
 Sample : PB111309BSD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Quant Time: Jul 23 03:30:25 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

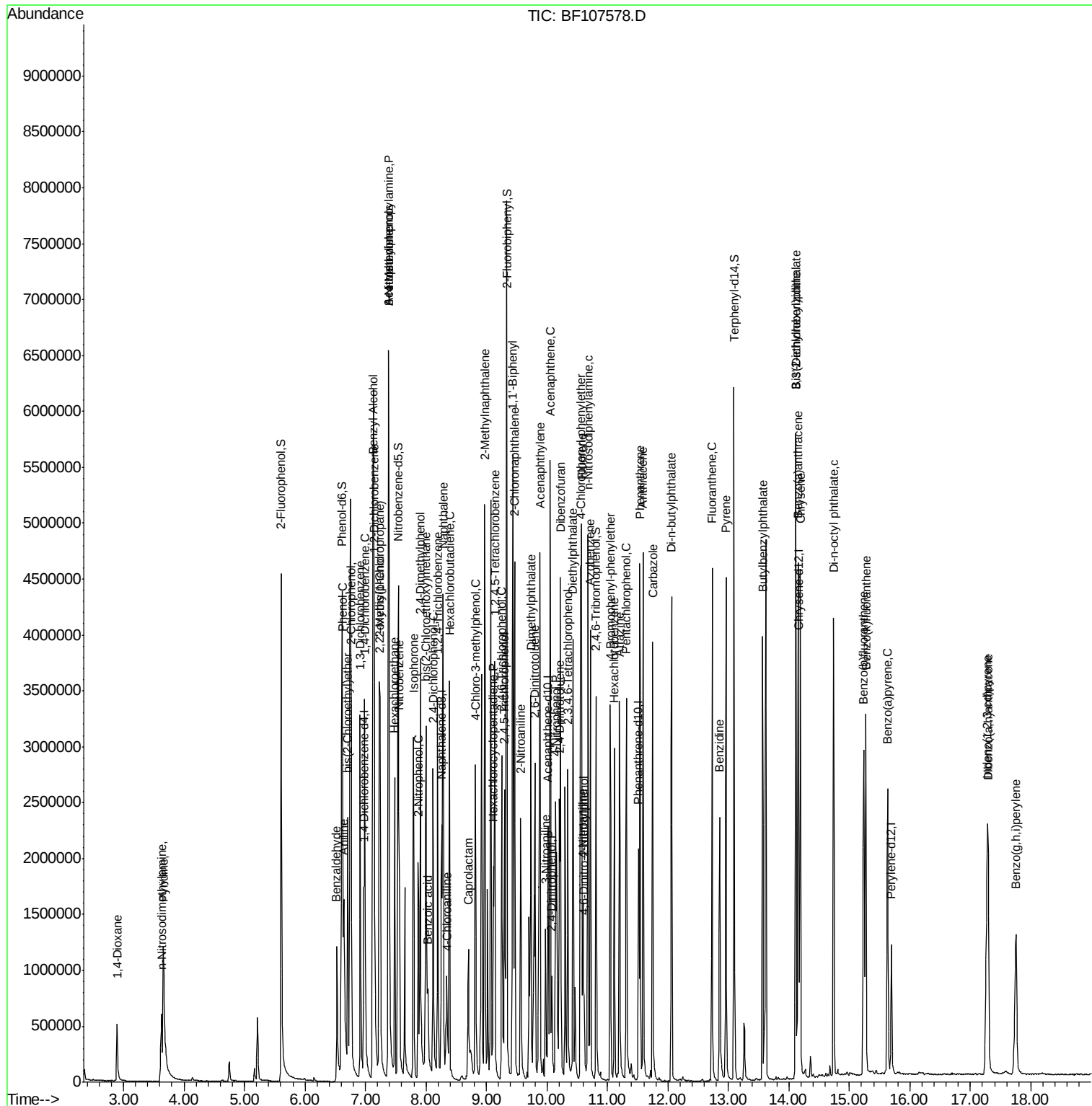
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	453485	46.911	ng	97
43) 2,4,5-Trichlorophenol	9.30	196	488790	48.379	ng	99
45) 1,1'-Biphenyl	9.44	154	1849936	46.900	ng	98
46) 2-Chloronaphthalene	9.47	162	1370168	45.446	ng	99
47) 2-Nitroaniline	9.57	65	492459	56.027	ng	91
48) Acenaphthylene	9.88	152	2167935	47.867	ng	95
49) Dimethylphthalate	9.74	163	1641420	48.099	ng	# 98
50) 2,6-Dinitrotoluene	9.80	165	351380	51.862	ng	92
51) Acenaphthene	10.05	154	1213733	42.771	ng	99
52) 3-Nitroaniline	9.98	138	255803	31.034	ng	96
53) 2,4-Dinitrophenol	10.08	184	149813	55.979	ng	# 25
54) Dibenzofuran	10.22	168	1869693	44.754	ng	96
55) 4-Nitrophenol	10.14	139	530266	85.925	ng	93
56) 2,4-Dinitrotoluene	10.21	165	427551	52.278	ng	96
57) Fluorene	10.57	166	1430619	48.000	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	396308	47.131	ng	# 86
59) Diethylphthalate	10.43	149	1635020	45.875	ng	97
60) 4-Chlorophenyl-phenylether	10.56	204	727437	43.173	ng	90
61) 4-Nitroaniline	10.60	138	321906	46.484	ng	95
62) Azobenzene	10.72	77	1446132	43.272	ng	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	109126	31.911	ng	92
65) n-Nitrosodiphenylamine	10.68	169	1308690	48.342	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	434301	46.285	ng	93
67) Hexachlorobenzene	11.12	284	453079	43.885	ng	# 85
68) Atrazine	11.20	200	399178	48.295	ng	97
69) Pentachlorophenol	11.31	266	462293	71.687	ng	98
70) Phenanthrene	11.54	178	1798211	46.295	ng	97
71) Anthracene	11.59	178	1922533	49.159	ng	97
72) Carbazole	11.75	167	1778906	43.742	ng	97
73) Di-n-butylphthalate	12.06	149	2187853	56.383	ng	98
74) Fluoranthene	12.73	202	1910196	45.829	ng	98
76) Benzidine	12.85	184	1143313	61.379	ng	99
77) Pyrene	12.96	202	1916462	43.317	ng	98
79) Butylbenzylphthalate	13.57	149	908746	47.761	ng	95
80) Benzo(a)anthracene	14.15	228	1792500	47.290	ng	98
81) 3,3'-Dichlorobenzidine	14.11	252	582916	55.461	ng	99
82) Chrysene	14.19	228	1697760	46.628	ng	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	1185621	44.163	ng	100
84) Di-n-octyl phthalate	14.74	149	2083374	49.926	ng	100
85) Indeno(1,2,3-cd)pyrene	17.28	276	1477128	47.866	ng	96
87) Benzo(b)fluoranthene	15.24	252	1558432	49.289	ng	97
88) Benzo(k)fluoranthene	15.27	252	1524748	49.222	ng	98
89) Benzo(a)pyrene	15.63	252	1435372	49.629	ng	97
90) Dibenzo(a,h)anthracene	17.29	278	1242243	49.687	ng	97
91) Benzo(g,h,i)perylene	17.75	276	1203626	48.807	ng	95

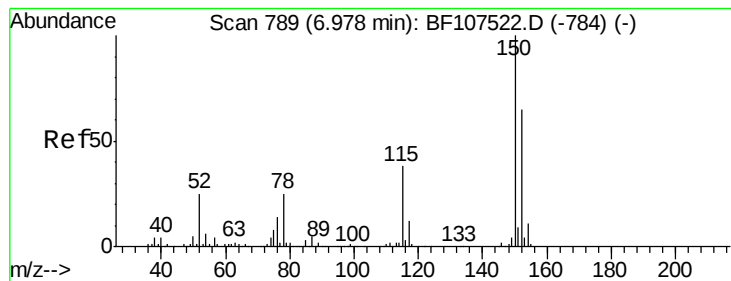
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
Data File : BF107578.D
Acq On : 21 Jul 2018 16:01
Operator : JU/SJ
Sample : PB111309BSD
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Quant Time: Jul 23 03:30:25 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

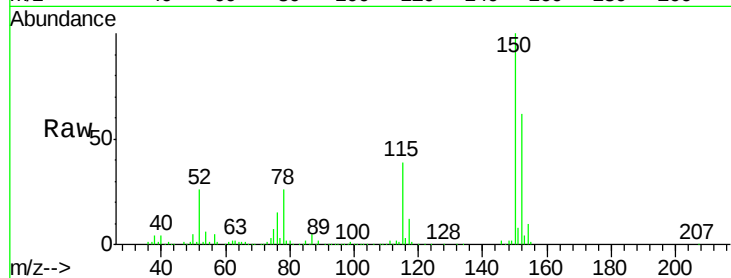




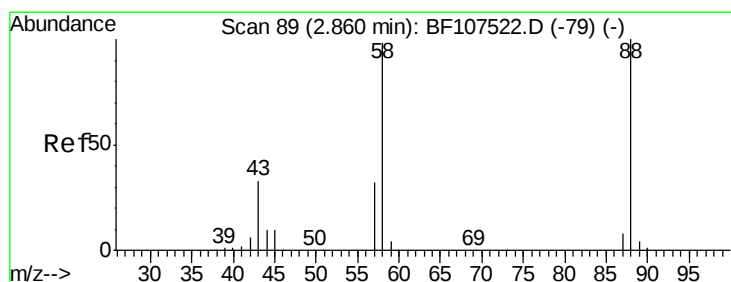
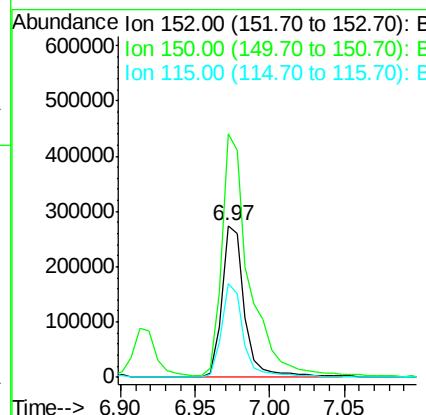
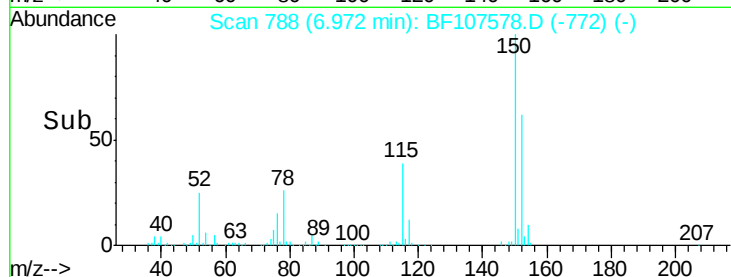
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Tgt Ion:152 Resp: 295550
 Ion Ratio Lower Upper
 152 100
 150 160.3 124.6 186.8
 115 61.8 50.1 75.1

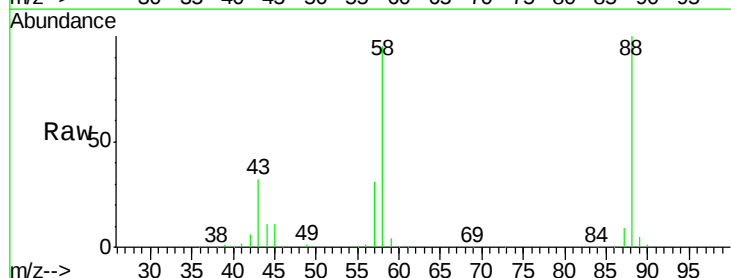


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

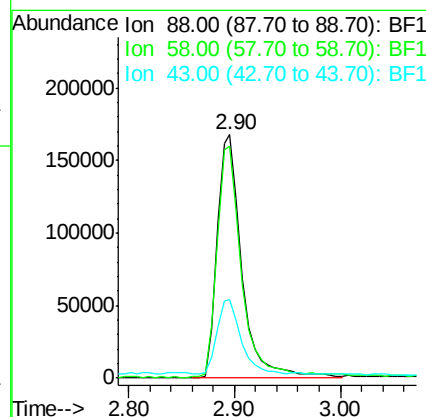
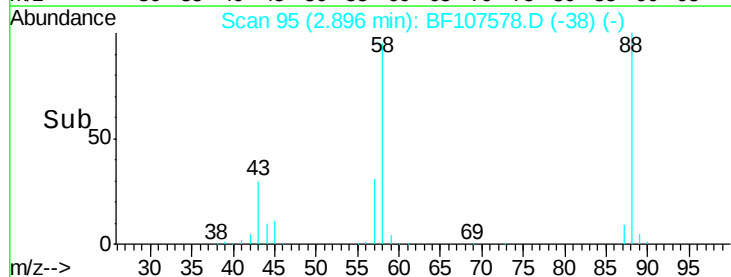


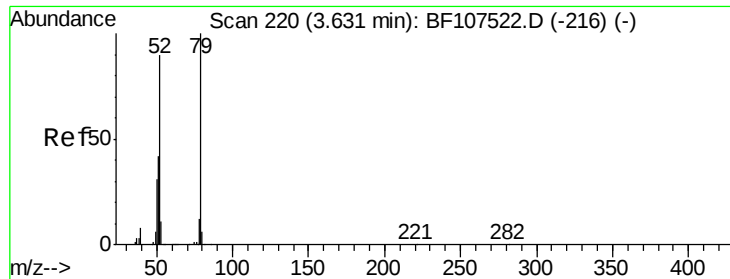
#2
 1,4-Dioxane
 Concen: 32.416 ng
 RT: 2.90 min Scan# 95
 Delta R.T. 0.04 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion: 88 Resp: 277347
 Ion Ratio Lower Upper
 88 100
 58 95.7 62.6 93.8#
 43 30.0 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 33.044 ng

RT: 3.66 min Scan# 225

Delta R.T. 0.03 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

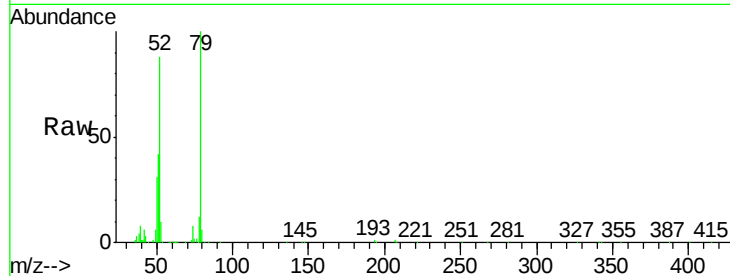
Tgt Ion: 79 Resp: 769132

Ion Ratio Lower Upper

79 100

52 87.6 59.8 89.6

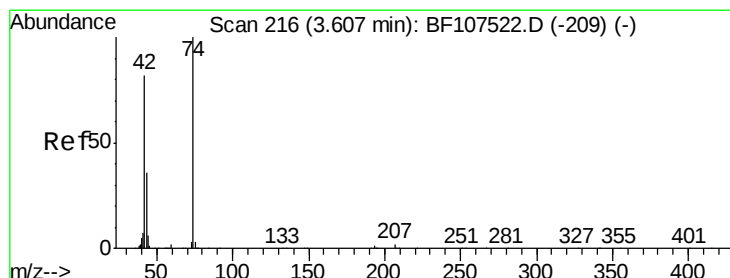
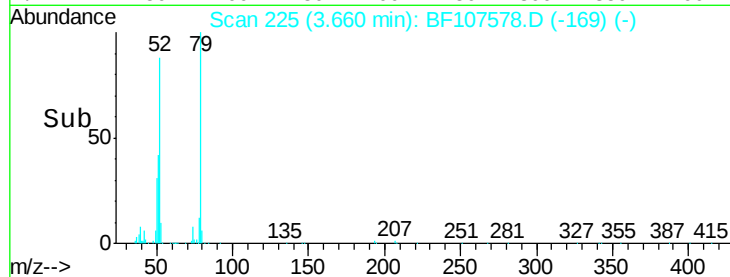
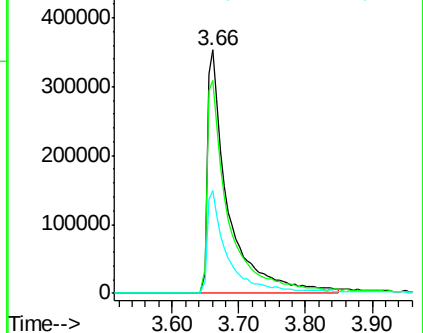
51 42.0 29.8 44.8



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: 38.896 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.02 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

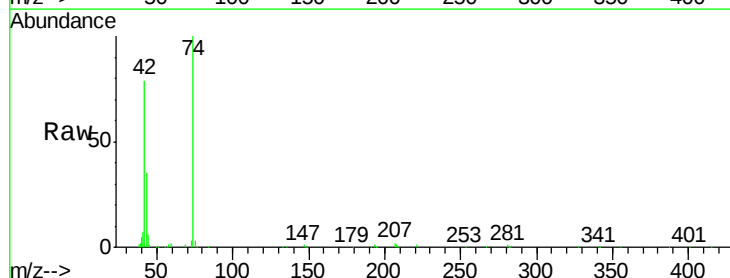
Tgt Ion: 42 Resp: 381838

Ion Ratio Lower Upper

42 100

74 127.0 104.9 157.3

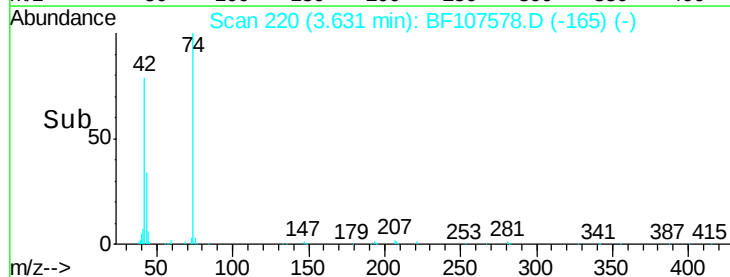
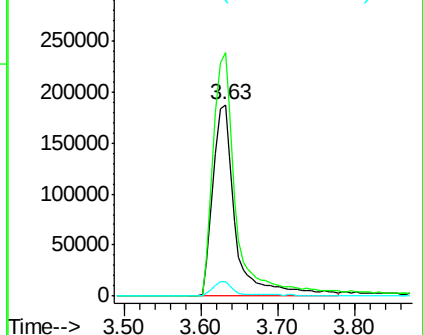
44 7.6 6.9 10.3

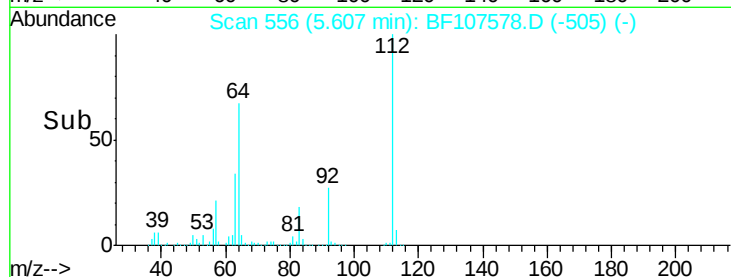
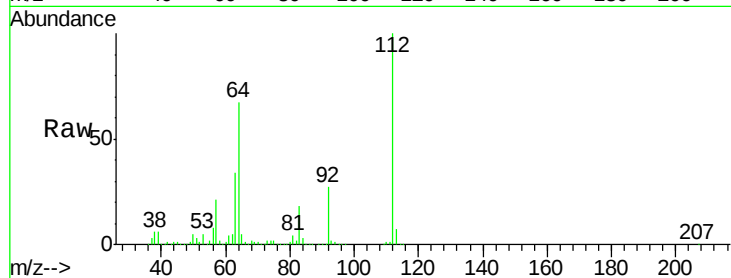
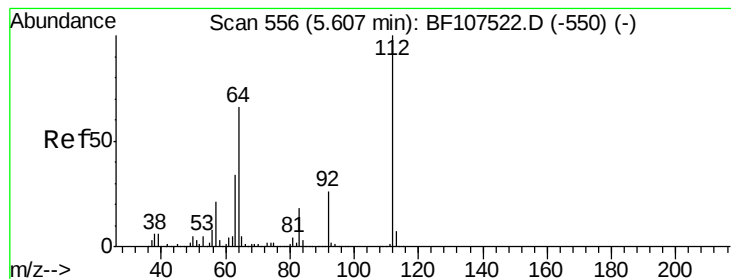


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 86.634 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

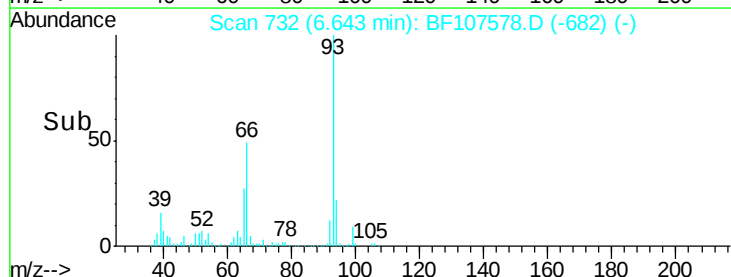
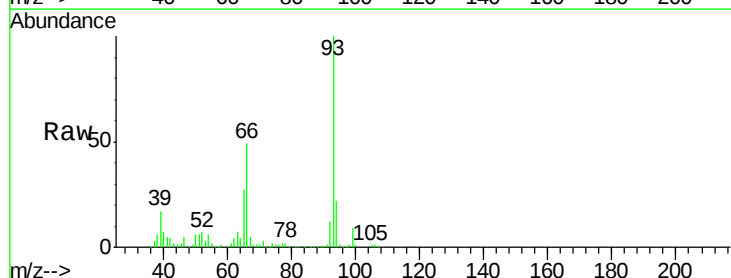
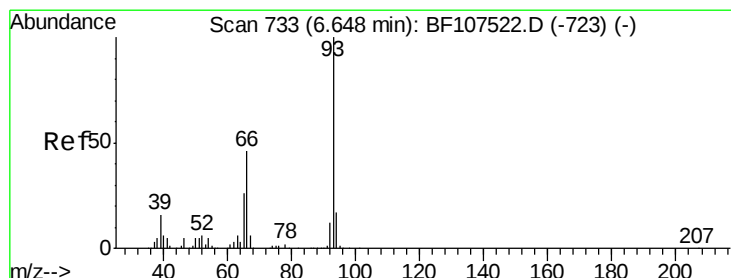
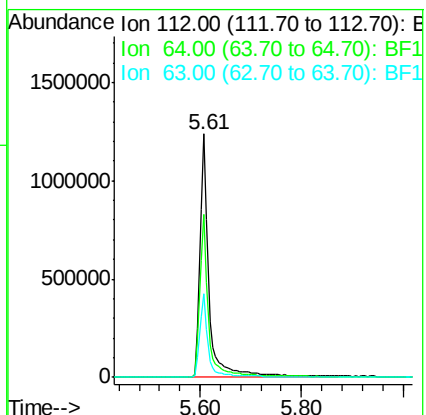
Tgt Ion:112 Resp: 1592528

Ion Ratio Lower Upper

112 100

64 67.0 47.9 71.9

63 34.4 23.7 35.5



#6

Aniline

Concen: 28.061 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

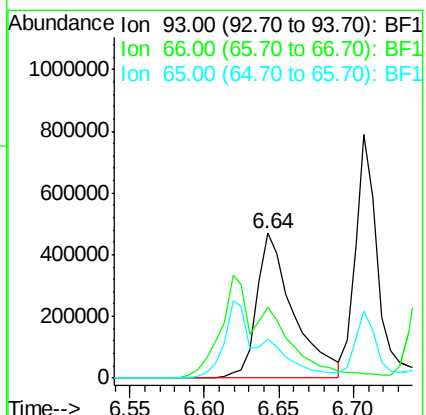
Tgt Ion: 93 Resp: 798836

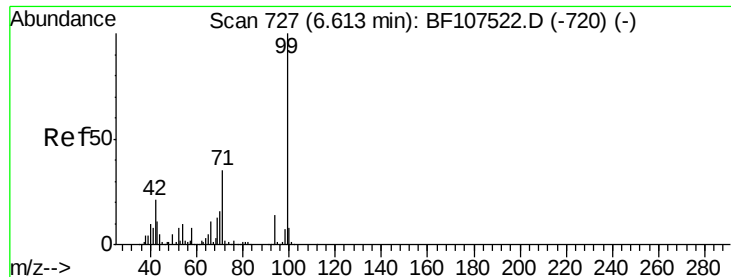
Ion Ratio Lower Upper

93 100

66 48.7 32.2 48.2#

65 26.5 16.4 24.6#





#7

Phenol-d6

Concen: 84.428 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

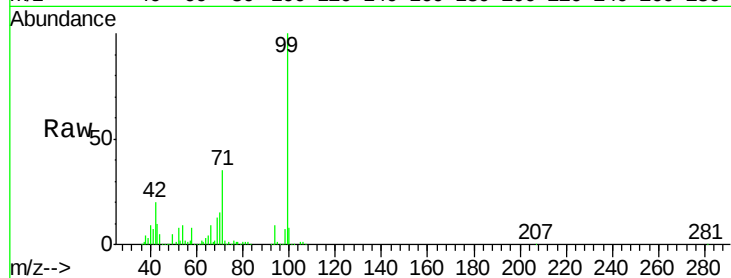
Tgt Ion: 99 Resp: 1863500

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

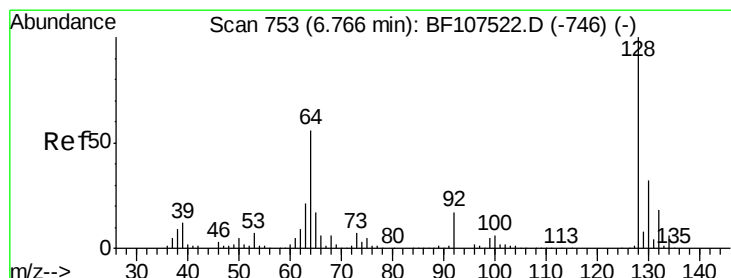
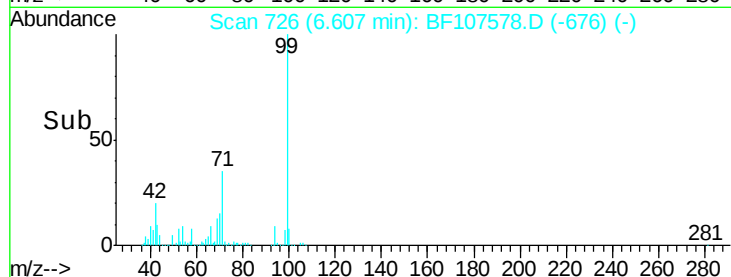
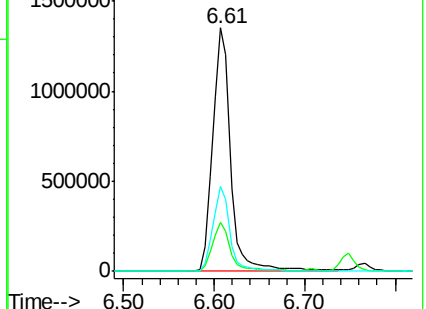
71 34.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.501 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

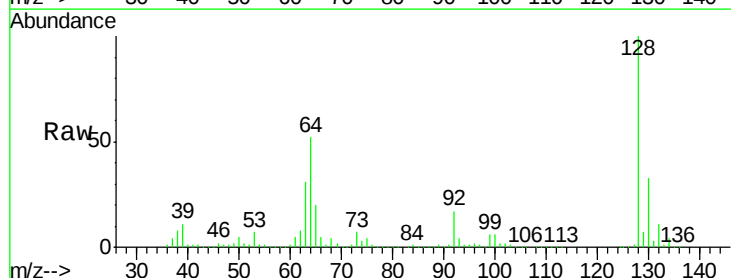
Tgt Ion: 128 Resp: 837019

Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

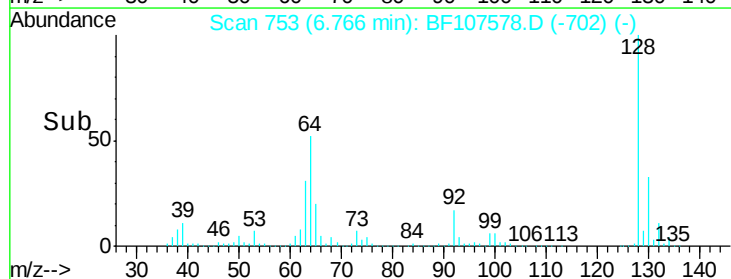
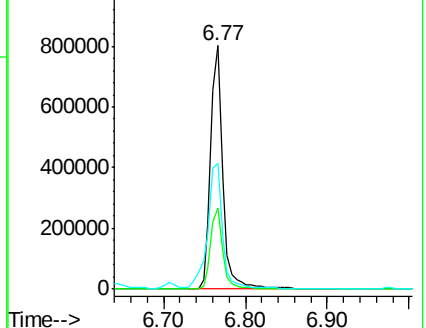
64 51.7 29.4 69.4

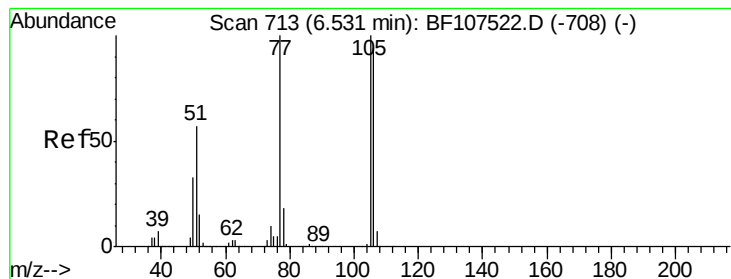


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.370 ng

RT: 6.52 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

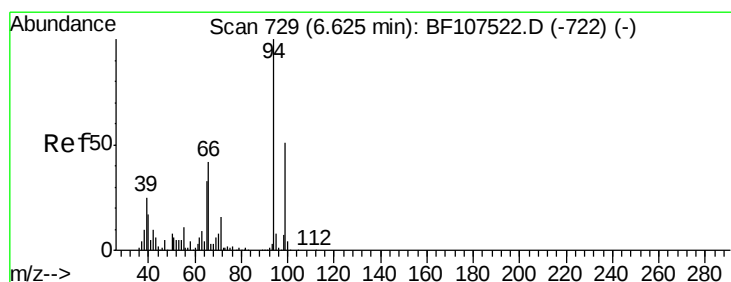
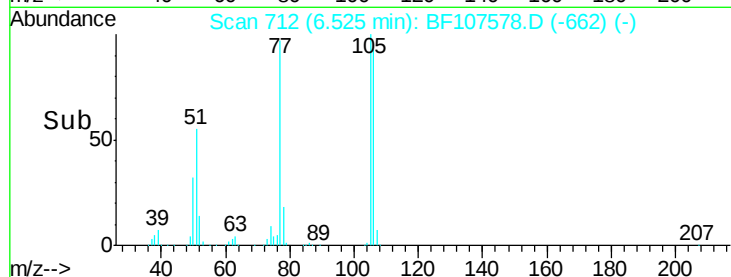
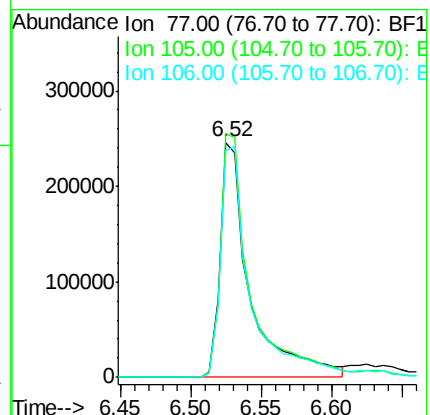
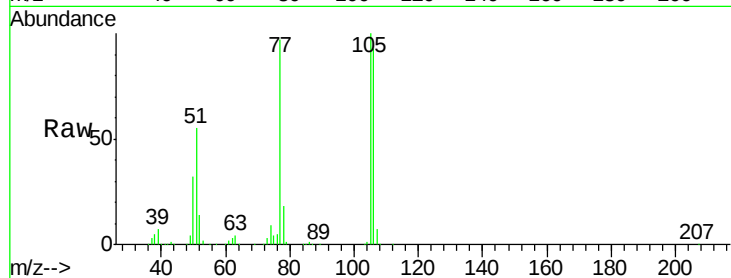
Tgt Ion: 77 Resp: 363239

Ion Ratio Lower Upper

77 100

105 103.6 81.1 121.1

106 96.7 74.5 114.5



#10

Phenol

Concen: 38.929 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

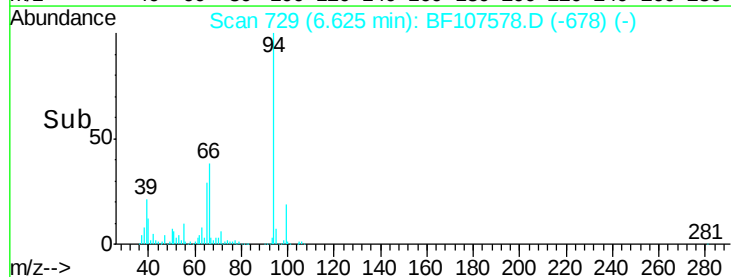
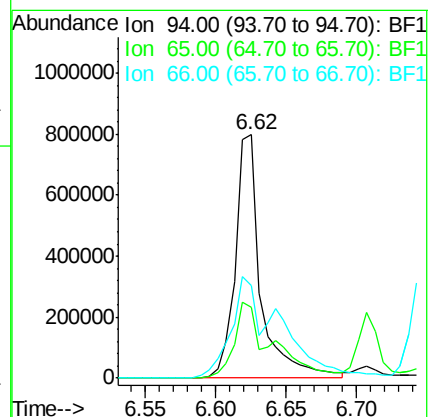
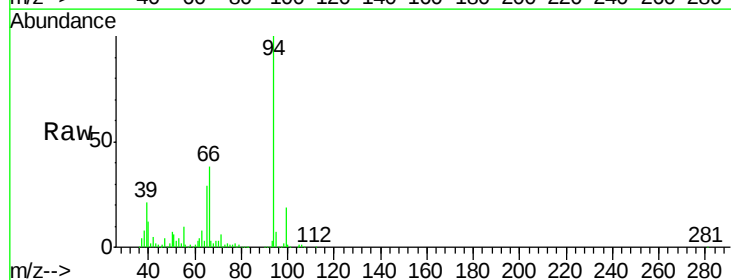
Tgt Ion: 94 Resp: 1010545

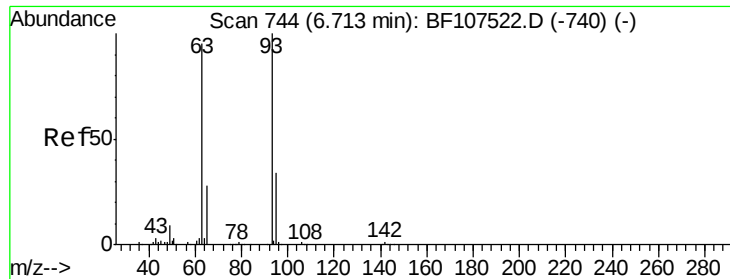
Ion Ratio Lower Upper

94 100

65 29.3 7.9 47.9

66 38.1 16.2 56.2

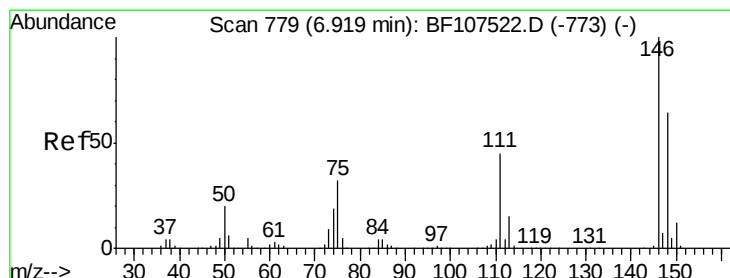
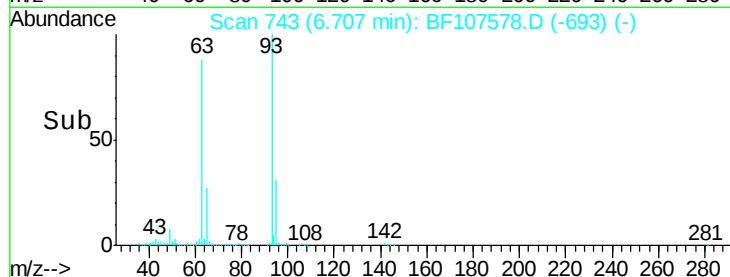
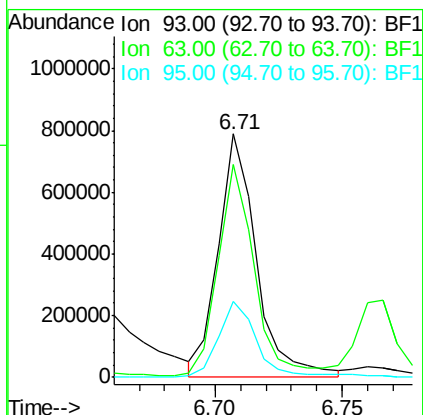
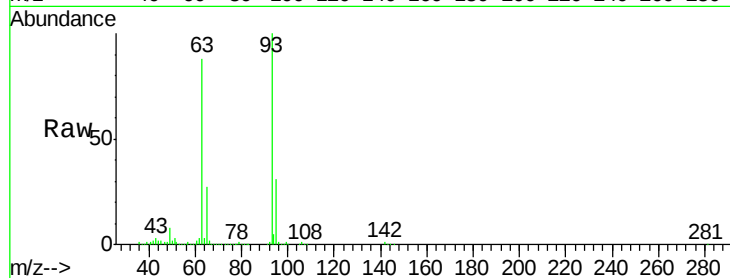




#11
bis(2-Chloroethyl)ether
Concen: 38.461 ng
RT: 6.71 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

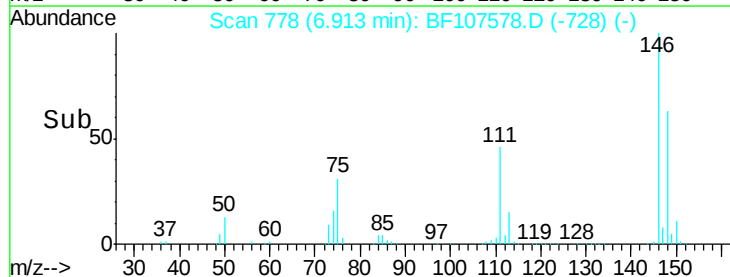
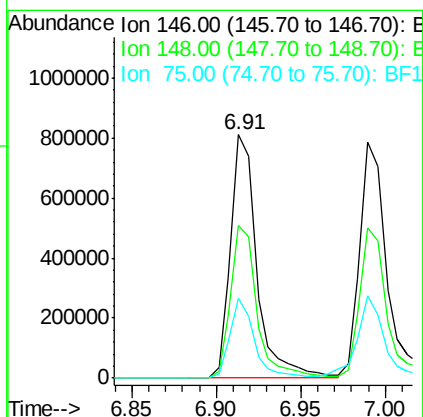
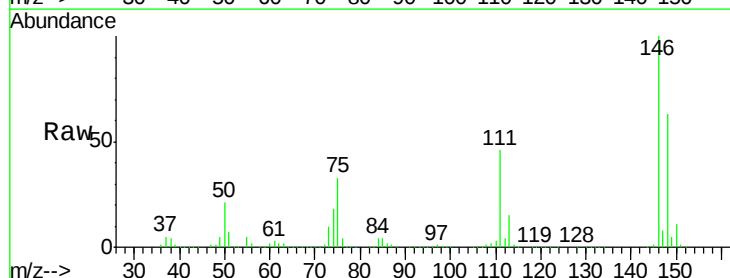
Instrument :
BNA_F
ClientSampleId :
PB111309BSD

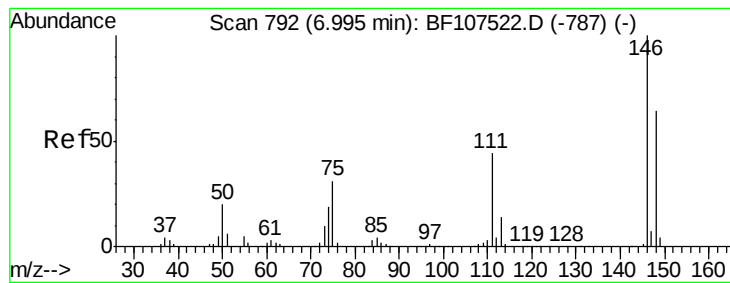
Tgt Ion: 93 Resp: 827716
Ion Ratio Lower Upper
93 100
63 87.6 58.6 98.6
95 31.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.443 ng
RT: 6.91 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion: 146 Resp: 880708
Ion Ratio Lower Upper
146 100
148 62.8 51.8 77.8
75 32.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.099 ng

RT: 6.99 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

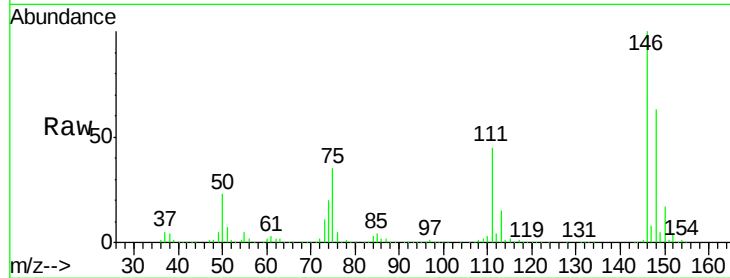
Tgt Ion:146 Resp: 917686

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

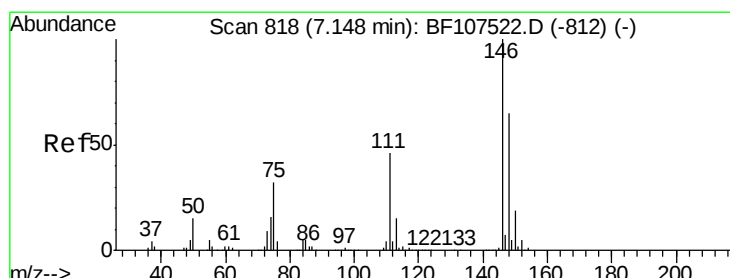
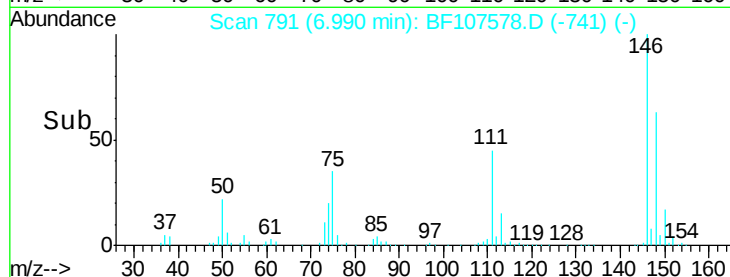
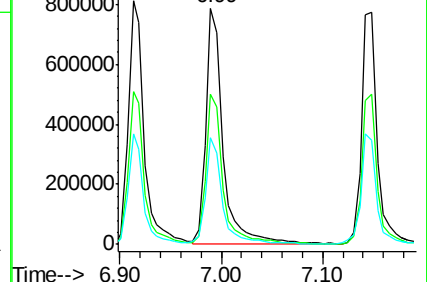
111 45.0 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.918 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

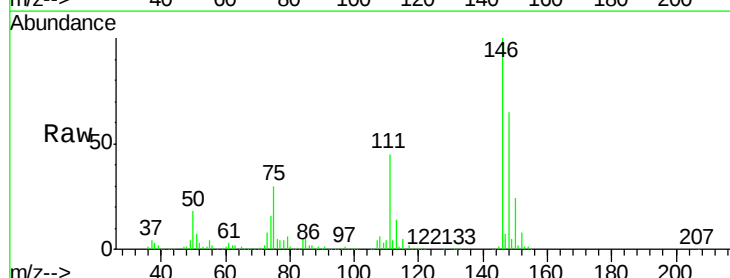
Tgt Ion:146 Resp: 819836

Ion Ratio Lower Upper

146 100

148 64.6 50.6 75.8

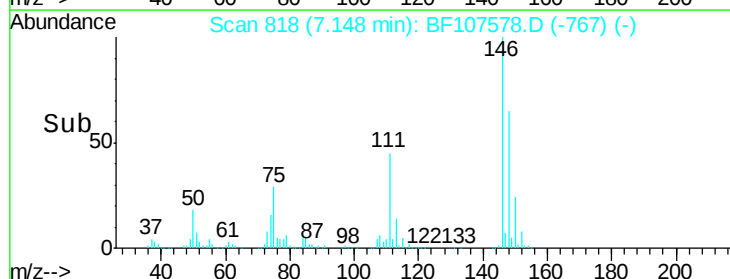
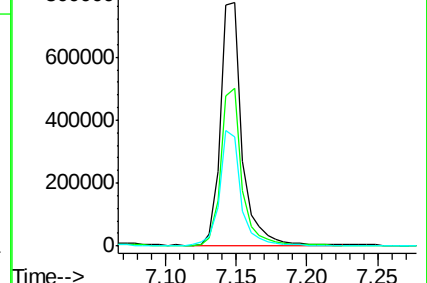
111 44.7 36.0 54.0

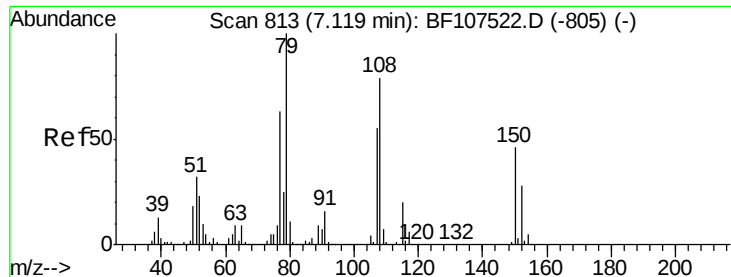


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

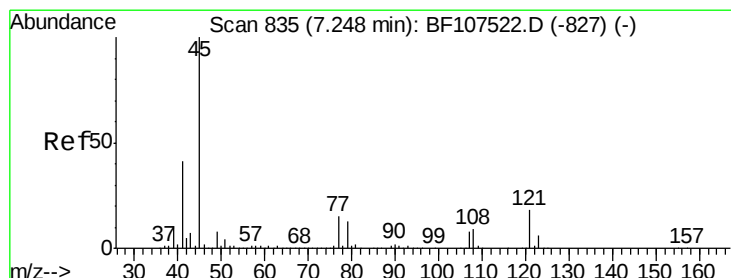
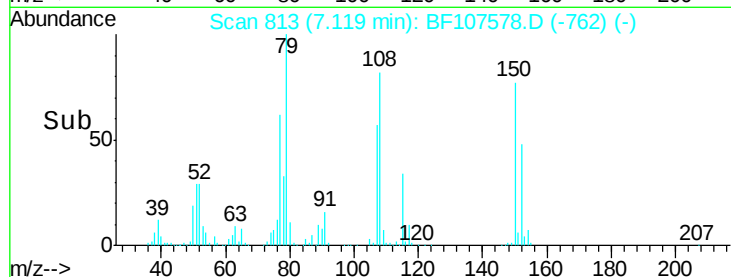
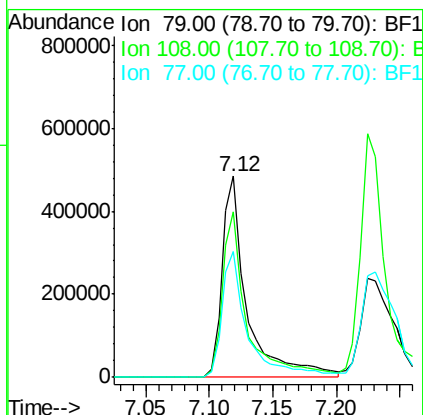
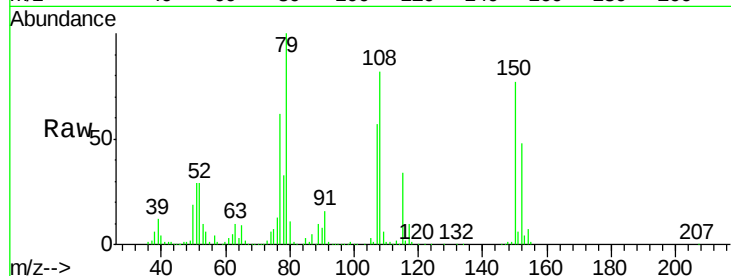




#15
Benzyl Alcohol
Concen: 43.850 ng
RT: 7.12 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

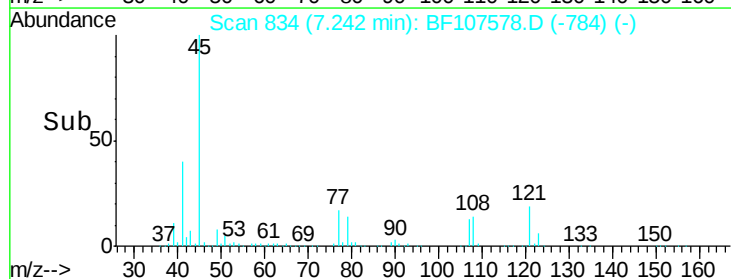
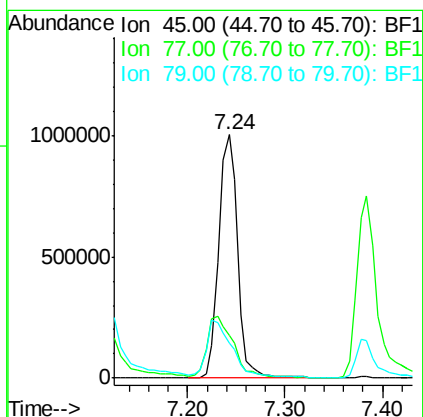
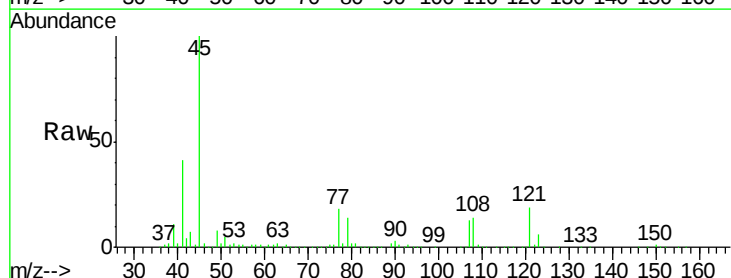
Instrument :
BNA_F
ClientSampleId :
PB111309BSD

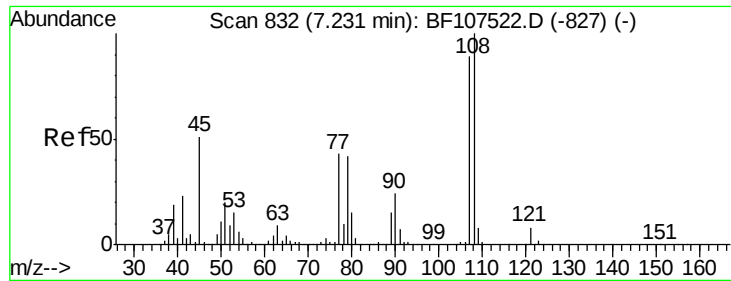
Tgt Ion: 79 Resp: 659625
Ion Ratio Lower Upper
79 100
108 82.3 65.1 97.7
77 62.4 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.367 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion: 45 Resp: 1356691
Ion Ratio Lower Upper
45 100
77 17.6 0.0 32.9
79 14.5 0.0 29.6

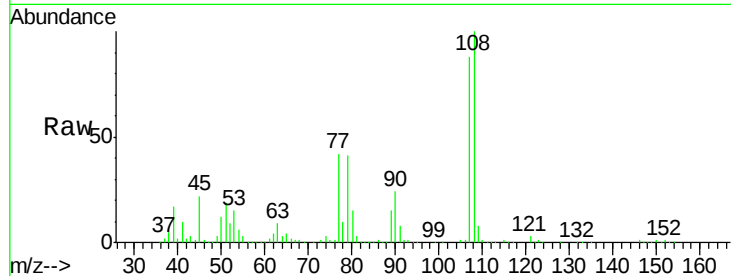




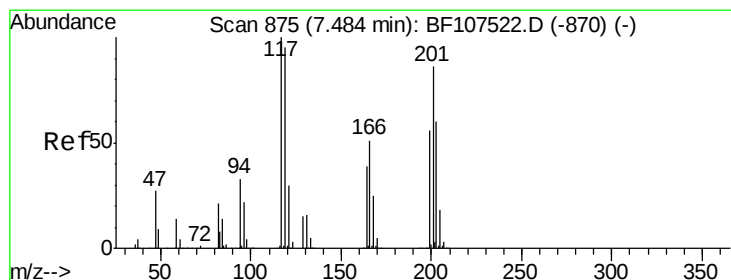
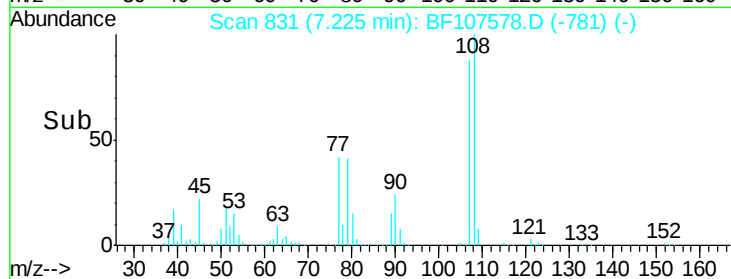
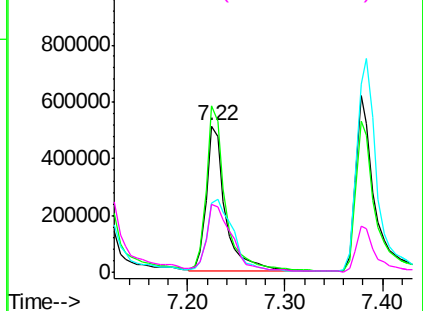
#17
2-Methylphenol
Concen: 42.436 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tgt Ion:107 Resp: 710314
Ion Ratio Lower Upper
107 100
108 113.7 91.7 137.5
77 47.5 33.8 50.8
79 46.5 33.8 50.8

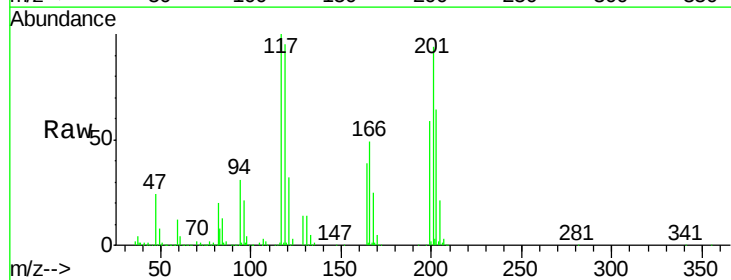


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

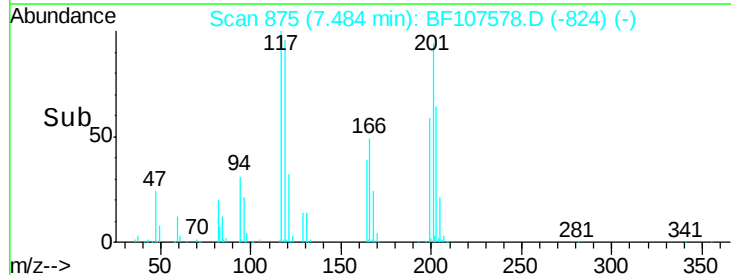
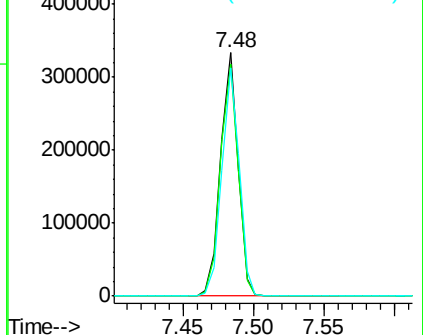


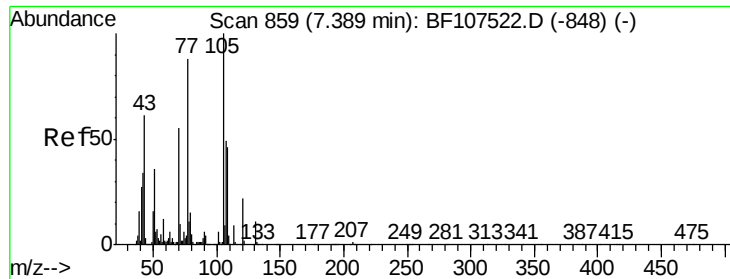
#18
Hexachloroethane
Concen: 36.072 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion:117 Resp: 289554
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
201 93.8 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

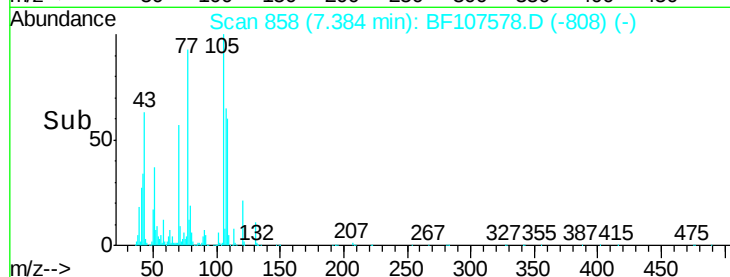
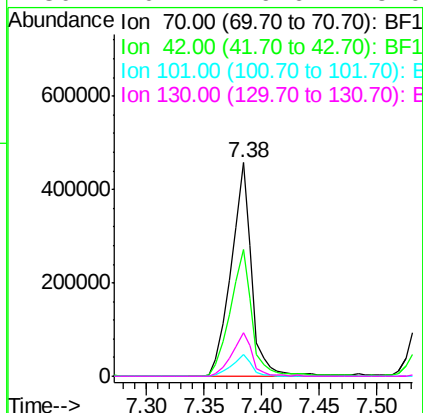
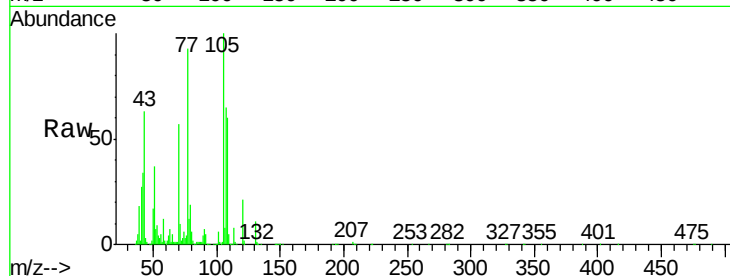




#19
n-Nitroso-di-n-propylamine
Concen: 39.688 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

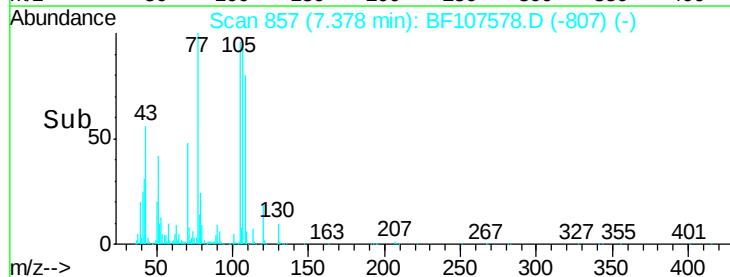
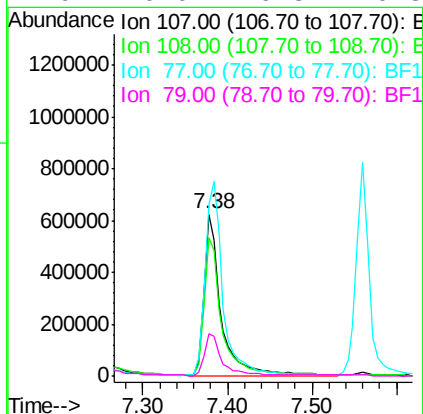
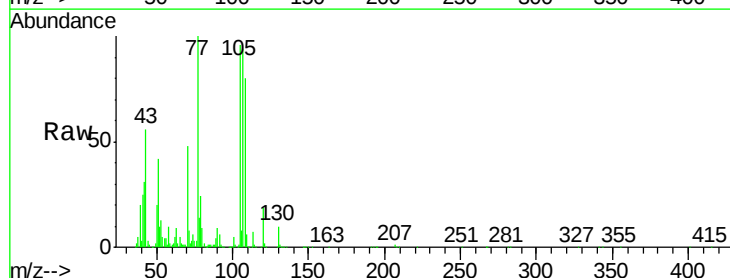
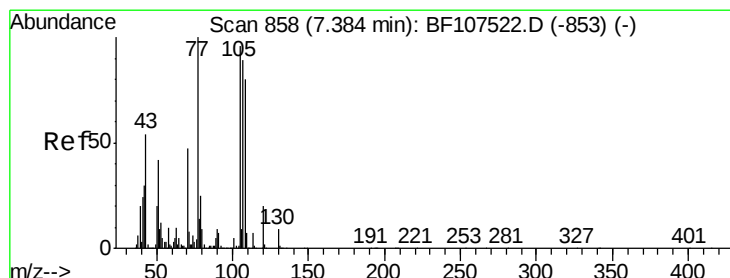
Instrument :
BNA_F
ClientSampleId :
PB111309BSD

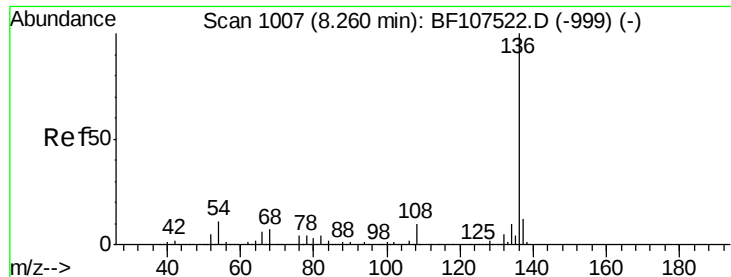
Tgt Ion:	70	Resp:	565905
Ion	Ratio	Lower	Upper
70	100		
42	59.6	47.5	71.3
101	10.2	7.4	11.2
130	20.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 44.224 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion:	107	Resp:	878994
Ion	Ratio	Lower	Upper
107	100		
108	85.5	68.2	108.2
77	106.6	26.7	66.7#
79	26.0	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: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

Tgt Ion:136 Resp: 1109647

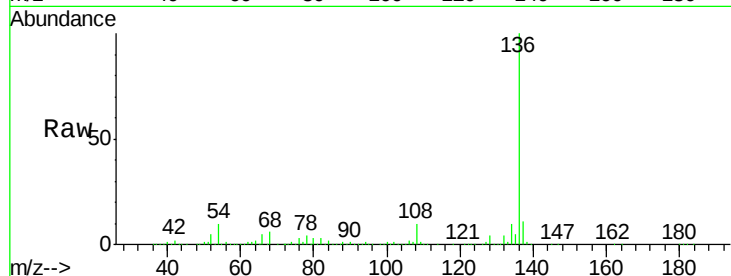
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.7 6.6 9.8

68 6.1 5.0 7.4

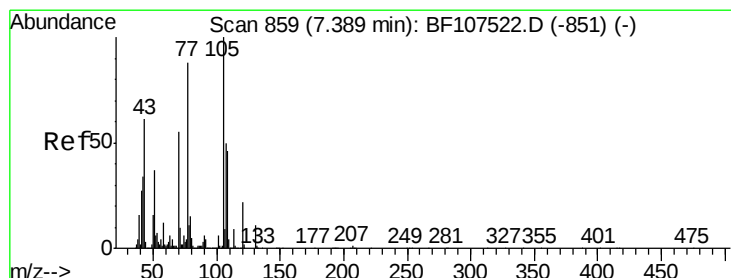
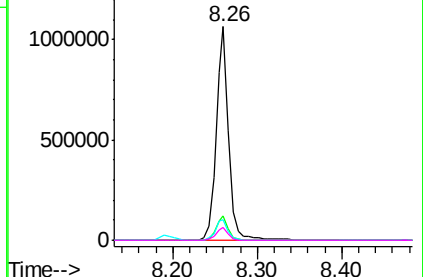
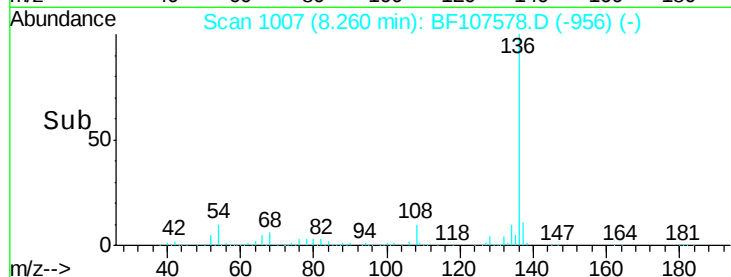


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.359 ng

RT: 7.38 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Tgt Ion:105 Resp: 1155997

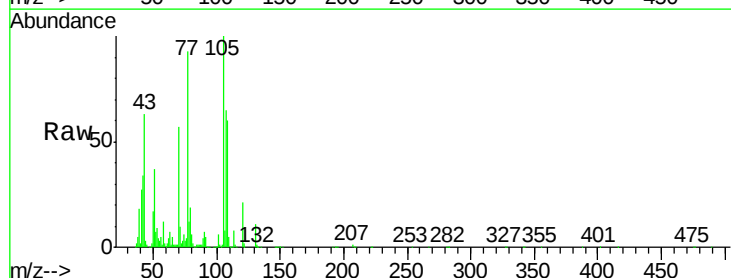
Ion Ratio Lower Upper

105 100

71 9.5 4.4 6.6#

51 37.1 22.3 33.5#

120 20.9 16.9 25.3

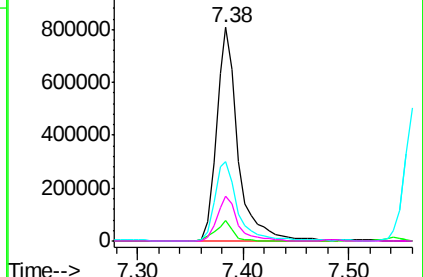
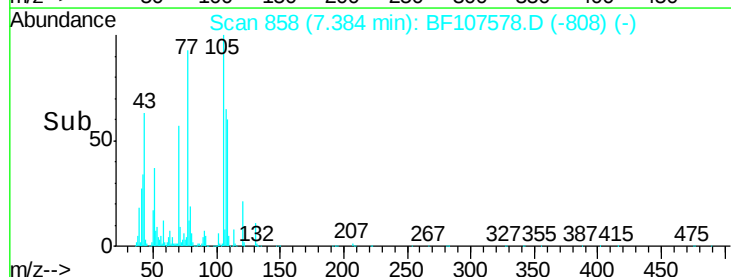


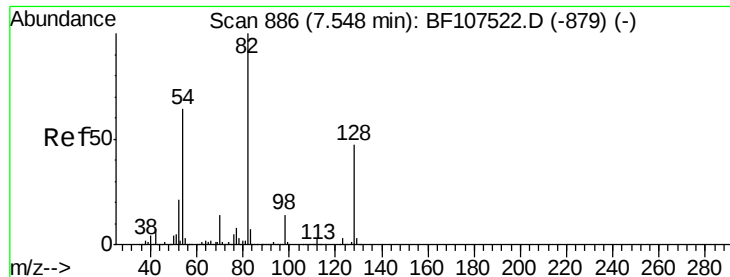
Abundance Ion 105.00 (104.70 to 105.70): E

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

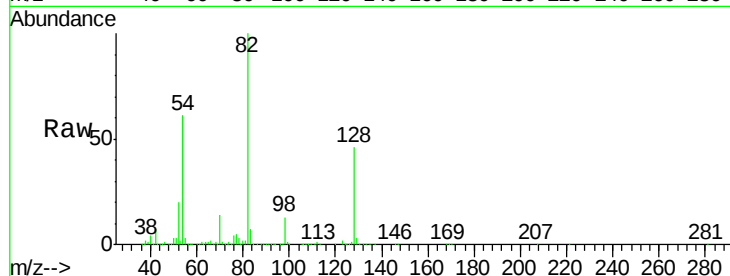




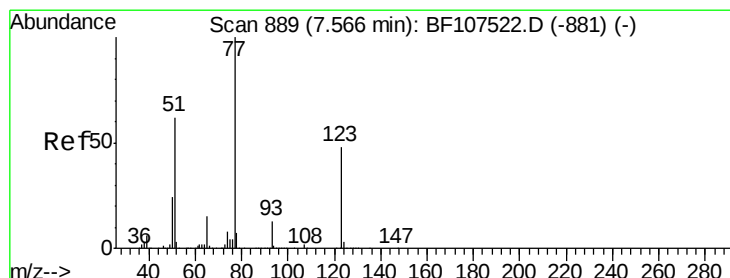
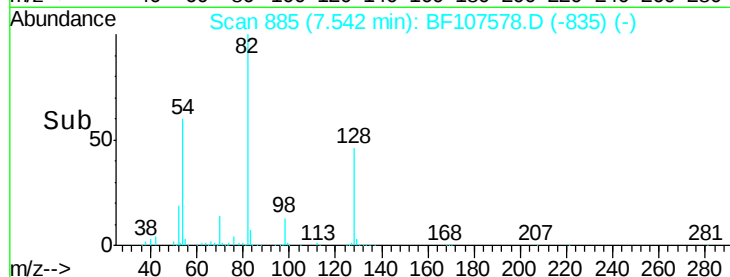
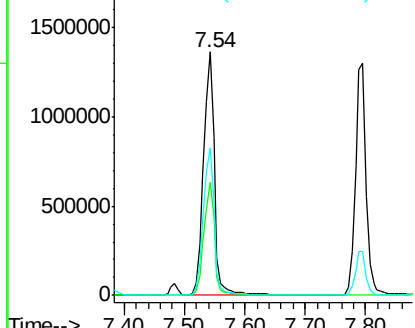
#23
 Nitrobenzene-d5
 Concen: 105.019 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Tgt Ion: 82 Resp: 1726751
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.1 54.1
 54 60.6 41.4 62.2

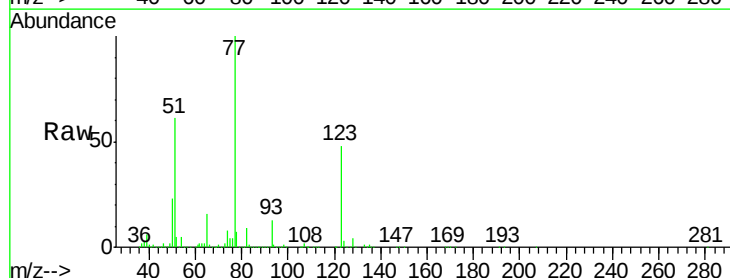


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

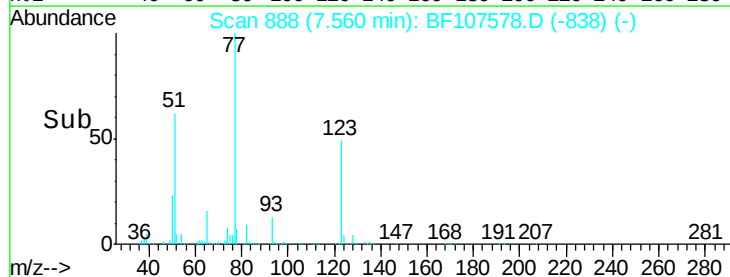
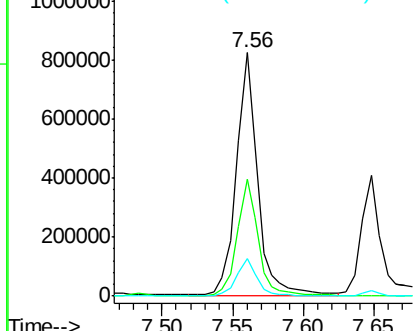


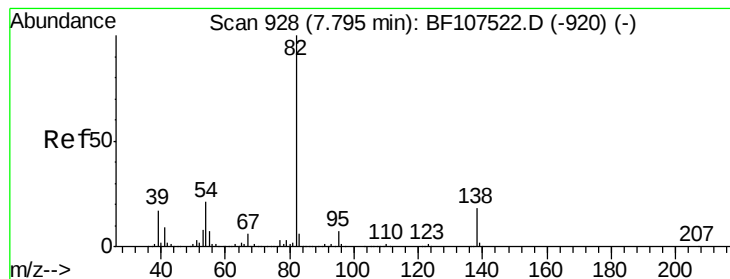
#24
 Nitrobenzene
 Concen: 46.316 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion: 77 Resp: 872235
 Ion Ratio Lower Upper
 77 100
 123 48.1 37.9 56.9
 65 15.7 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.032 ng

RT: 7.80 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

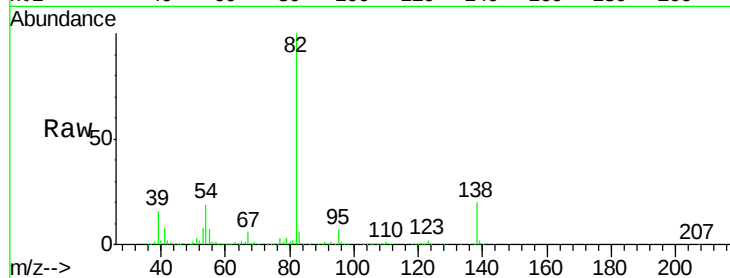
Tgt Ion: 82 Resp: 1580949

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

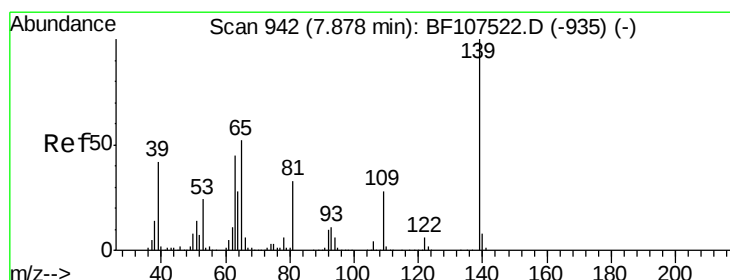
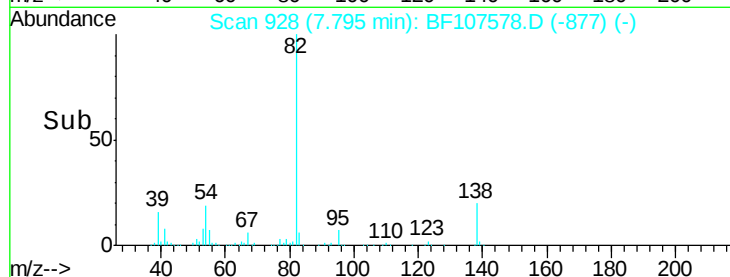
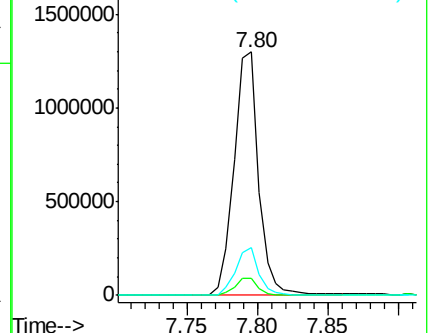
138 19.6 14.9 22.3



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: 54.938 ng

RT: 7.87 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

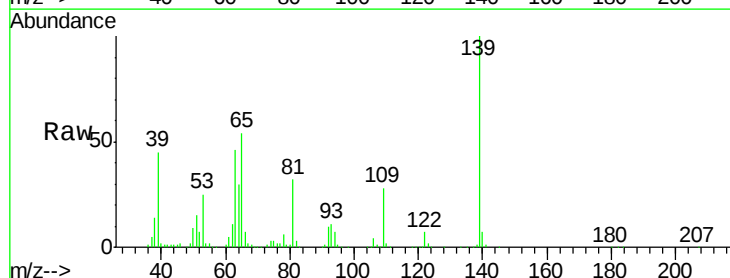
Tgt Ion: 139 Resp: 436913

Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

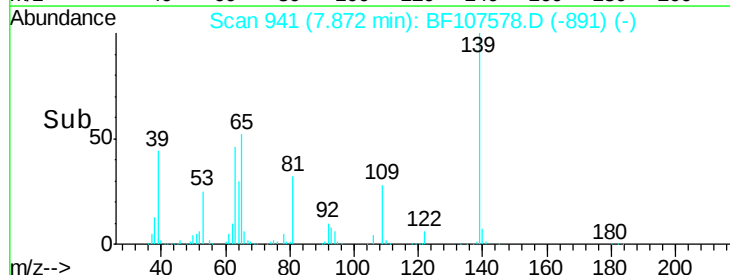
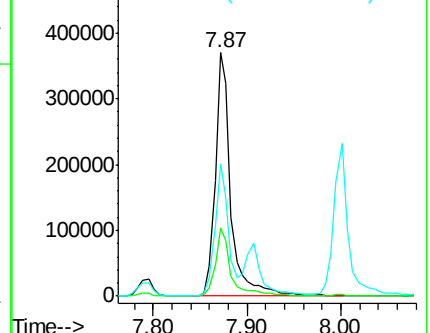
65 54.2 40.5 60.7

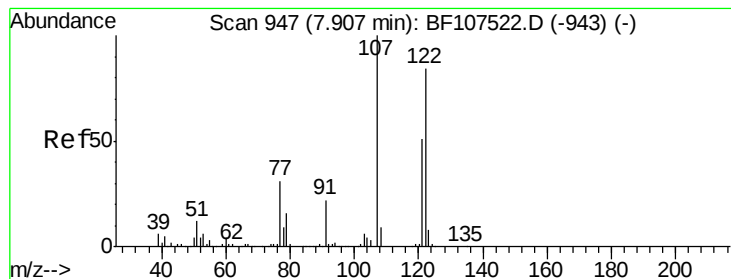


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 49.470 ng

RT: 7.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

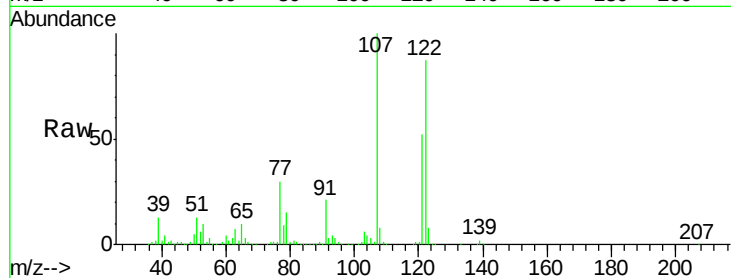
Tgt Ion:122 Resp: 744713

Ion Ratio Lower Upper

122 100

107 114.9 91.2 136.8

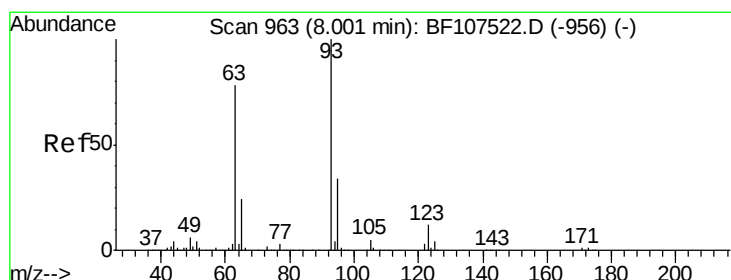
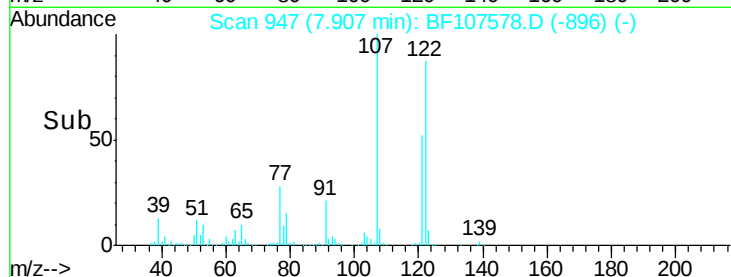
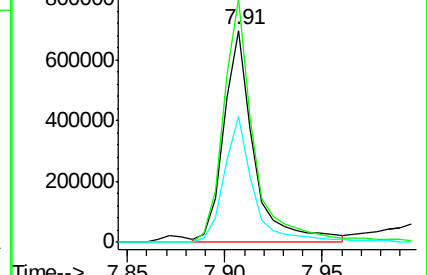
121 59.3 47.2 70.8



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: 43.786 ng

RT: 8.00 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

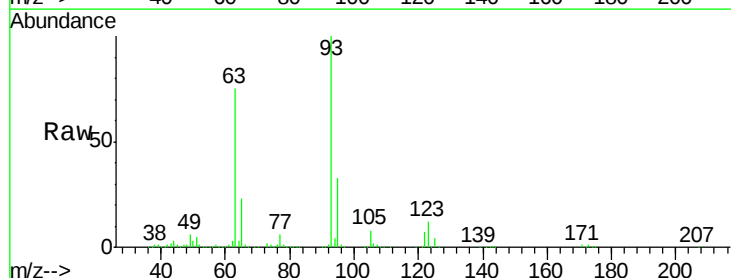
Tgt Ion: 93 Resp: 1027292

Ion Ratio Lower Upper

93 100

95 33.4 26.3 39.5

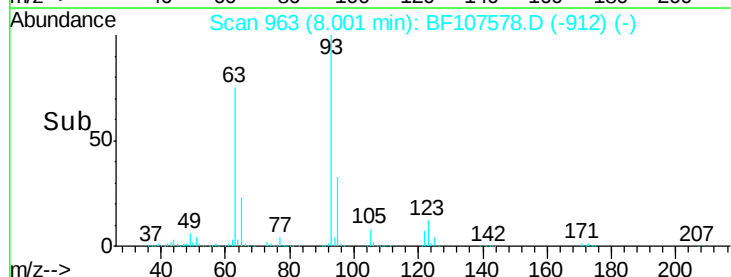
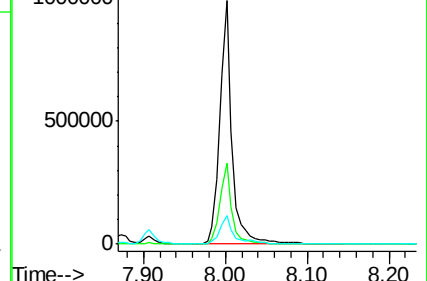
123 11.8 9.8 14.6

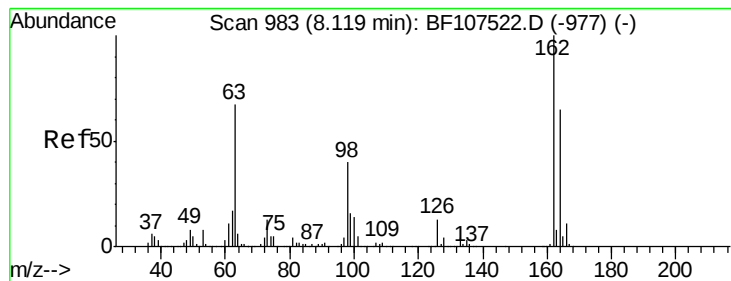


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.505 ng

RT: 8.12 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

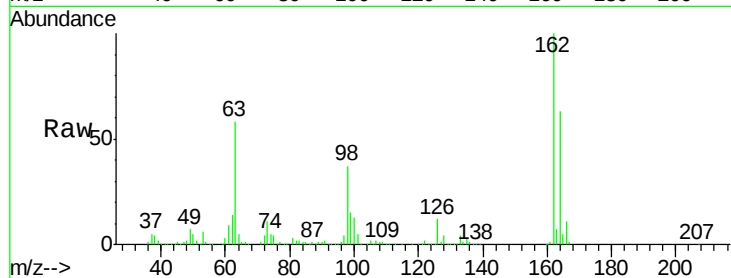
Tgt Ion:162 Resp: 700156

Ion Ratio Lower Upper

162 100

164 63.4 42.7 82.7

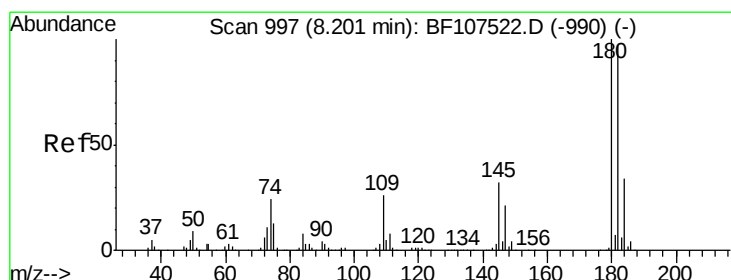
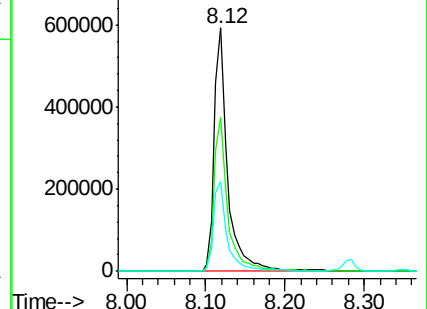
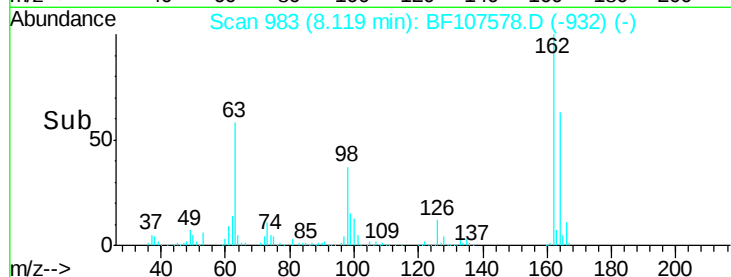
98 37.1 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.722 ng

RT: 8.20 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

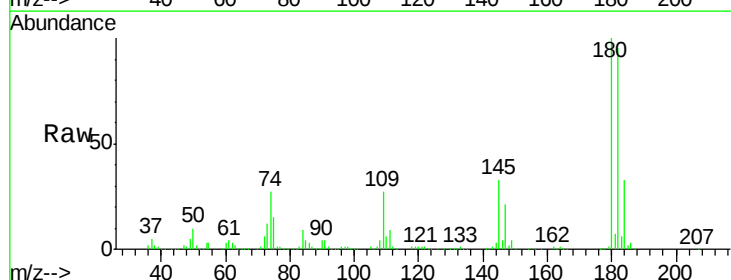
Tgt Ion:180 Resp: 721015

Ion Ratio Lower Upper

180 100

182 94.8 76.8 115.2

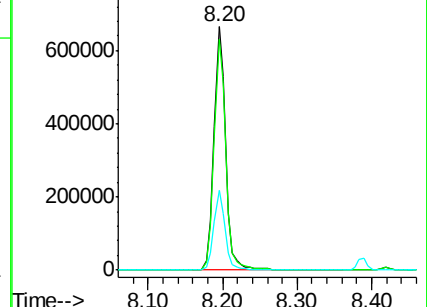
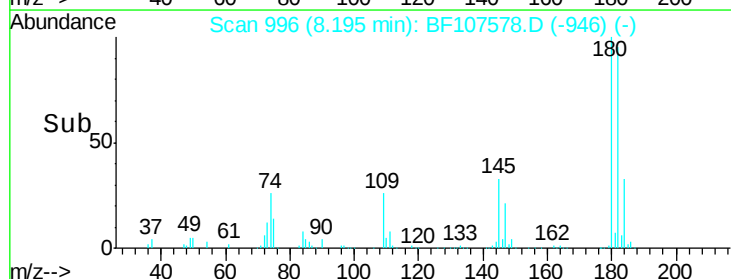
145 32.9 26.5 39.7

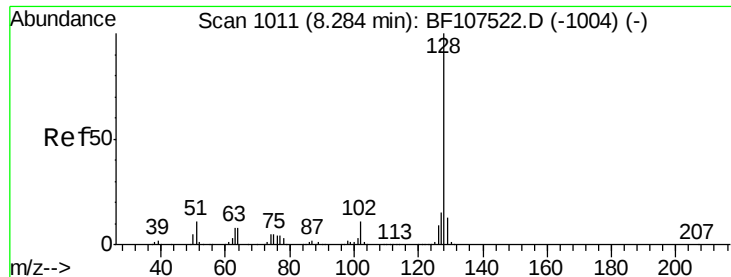


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

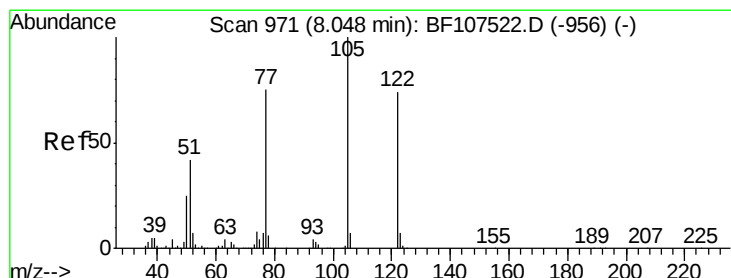
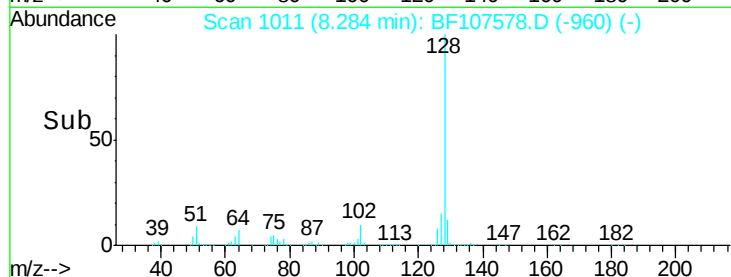
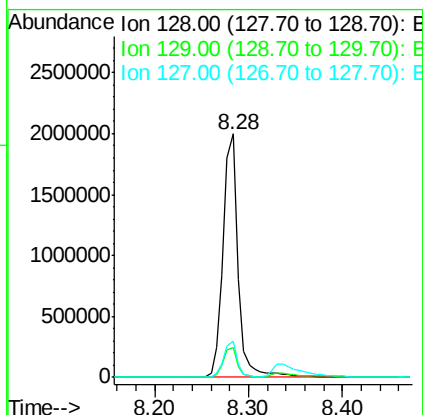
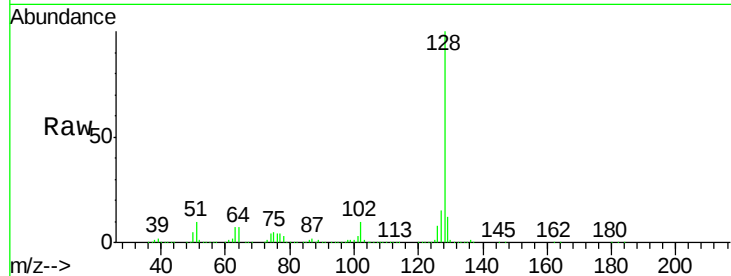




#31
Naphthalene
Concen: 46.011 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

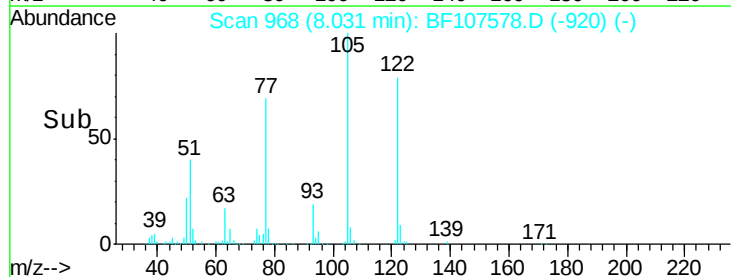
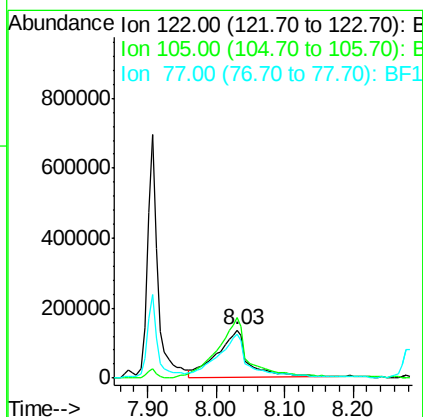
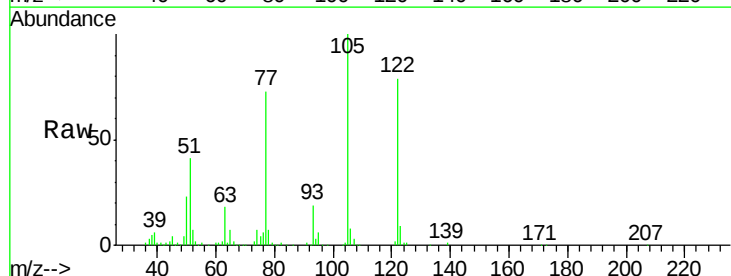
Instrument :
BNA_F
ClientSampleId :
PB111309BSD

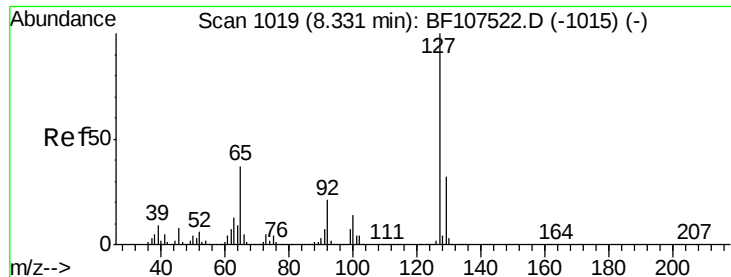
Tgt Ion:128 Resp: 2245149
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.9 10.9 16.3



#32
Benzoic acid
Concen: 42.262 ng
RT: 8.03 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion:122 Resp: 432272
Ion Ratio Lower Upper
122 100
105 126.9 101.1 141.1
77 92.6 70.7 110.7

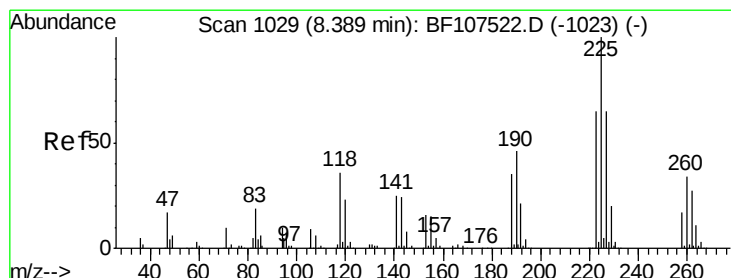
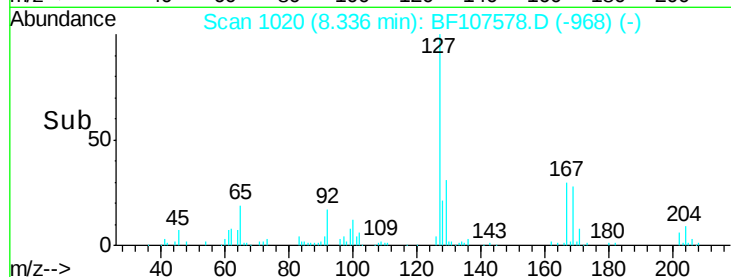
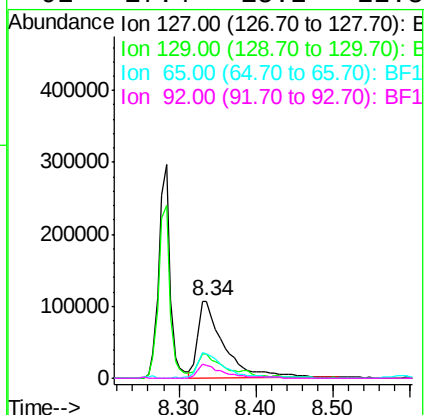
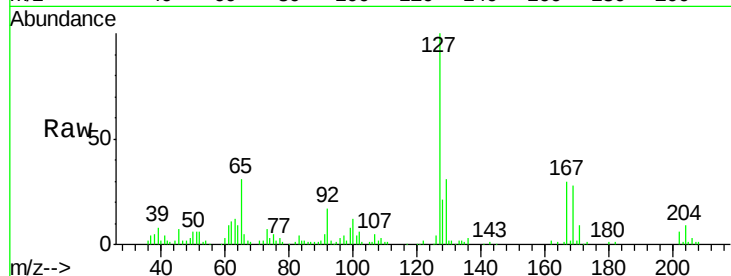




#33
4-Chloroaniline
Concen: 11.795 ng
RT: 8.34 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

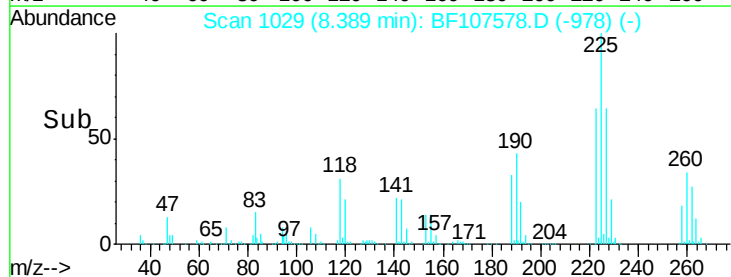
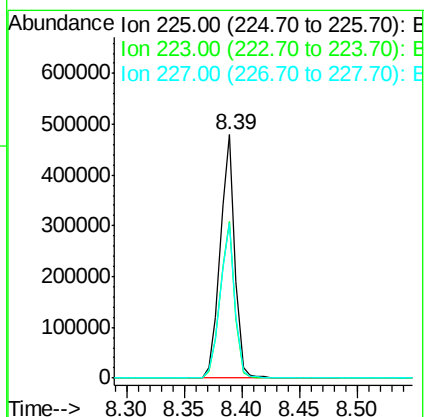
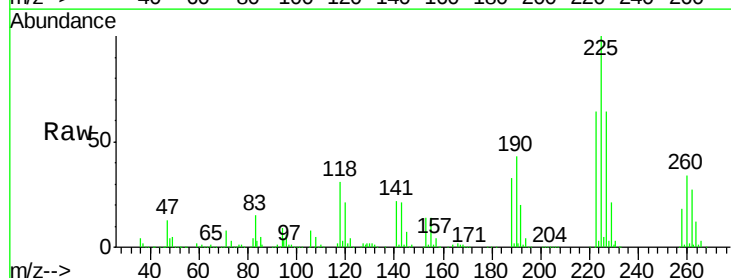
Instrument :
BNA_F
ClientSampleId :
PB111309BSD

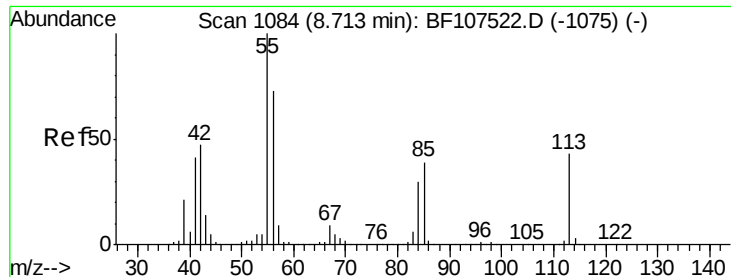
Tgt Ion:127 Resp: 251560
Ion Ratio Lower Upper
127 100
129 31.1 25.9 38.9
65 31.4 25.0 37.4
92 17.4 15.2 22.8



#34
Hexachlorobutadiene
Concen: 40.983 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion:225 Resp: 420844
Ion Ratio Lower Upper
225 100
223 64.5 50.6 76.0
227 64.0 51.9 77.9





#35

Caprolactam

Concen: 31.900 ng

RT: 8.71 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

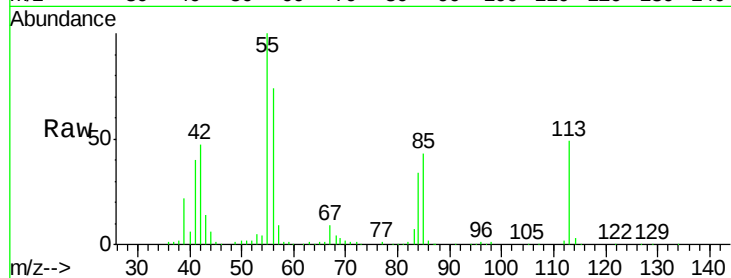
Tgt Ion:113 Resp: 159647

Ion Ratio Lower Upper

113 100

55 204.1 163.3 203.3#

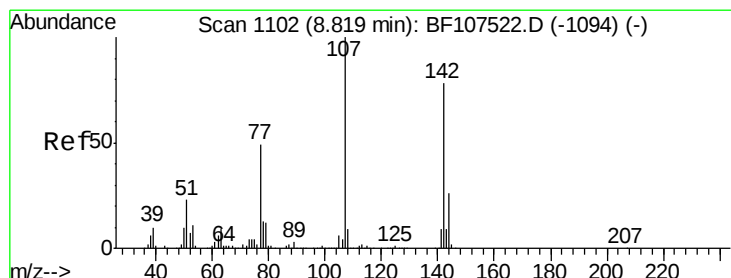
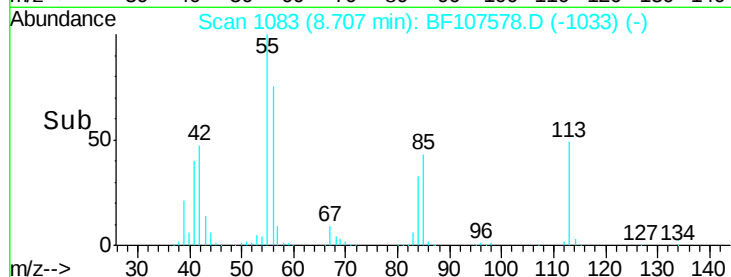
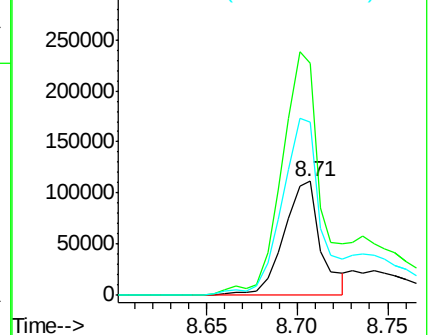
56 151.9 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.907 ng

RT: 8.82 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

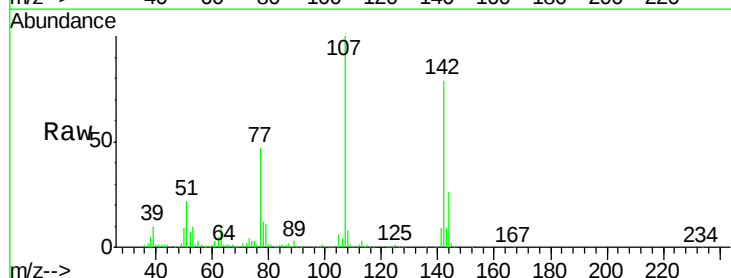
Tgt Ion:107 Resp: 750435

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

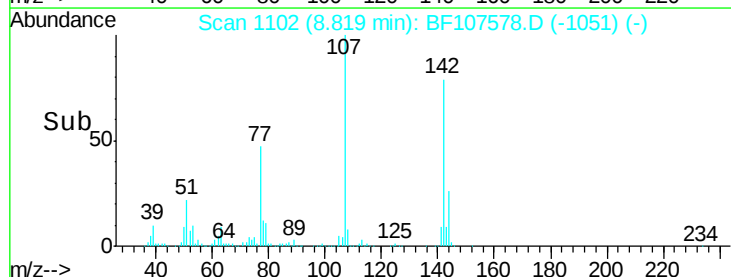
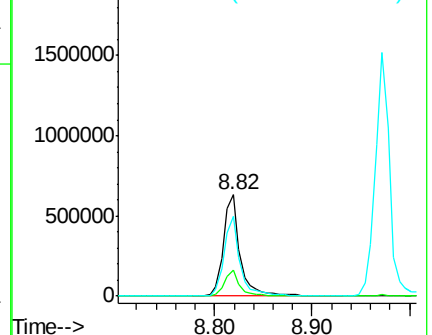
142 78.8 62.0 93.0

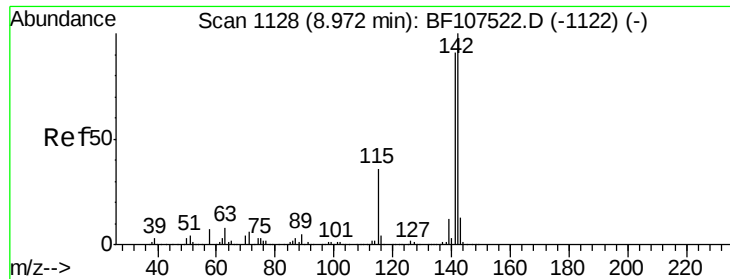


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

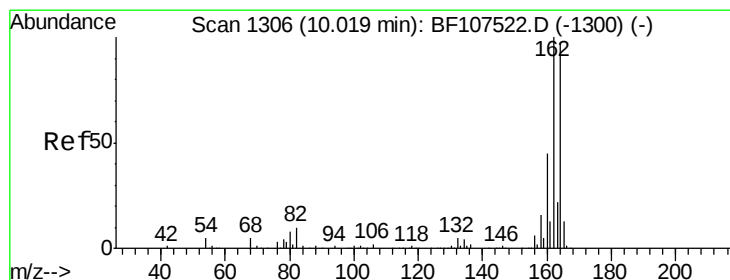
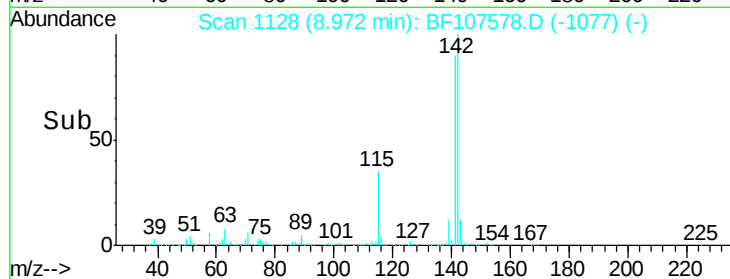
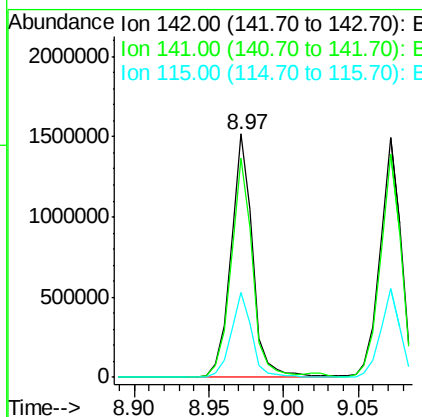
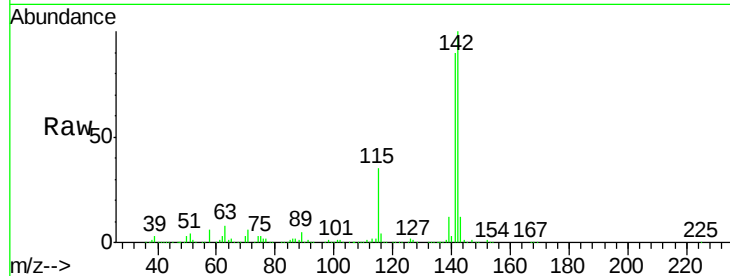




#37
2-Methylnaphthalene
Concen: 45.940 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

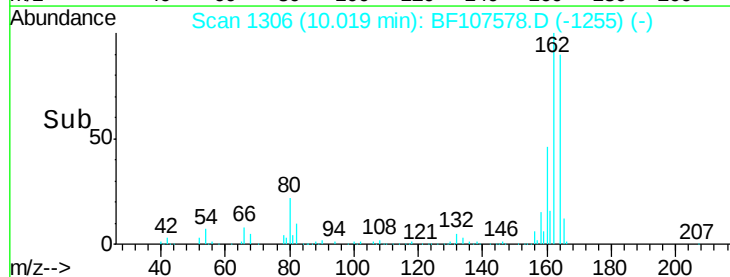
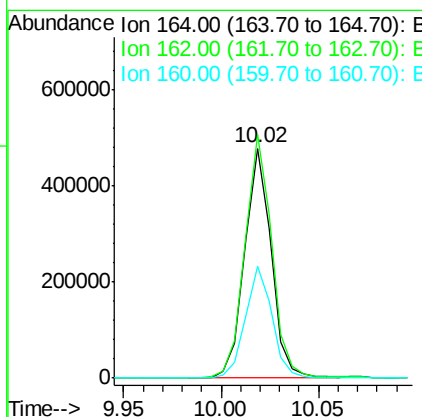
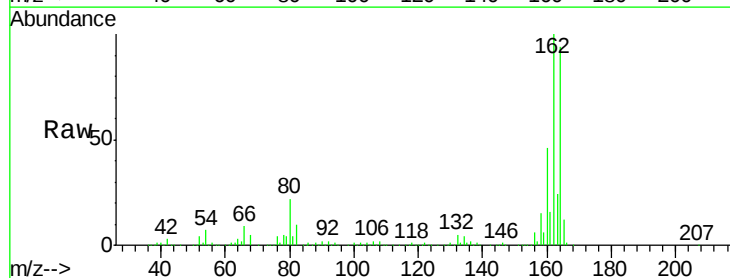
Instrument :
BNA_F
ClientSampleId :
PB111309BSD

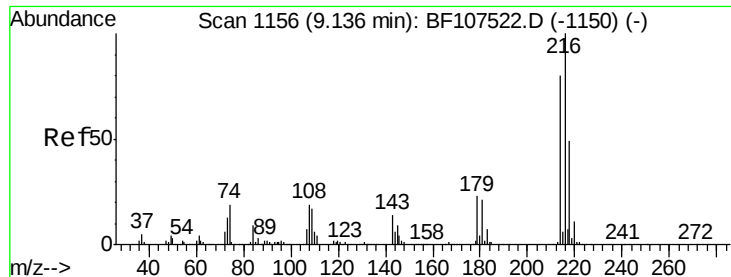
Tgt Ion:142 Resp: 1553397
Ion Ratio Lower Upper
142 100
141 90.0 70.8 106.2
115 35.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion:164 Resp: 452797
Ion Ratio Lower Upper
164 100
162 106.0 86.1 129.1
160 48.7 38.3 57.5

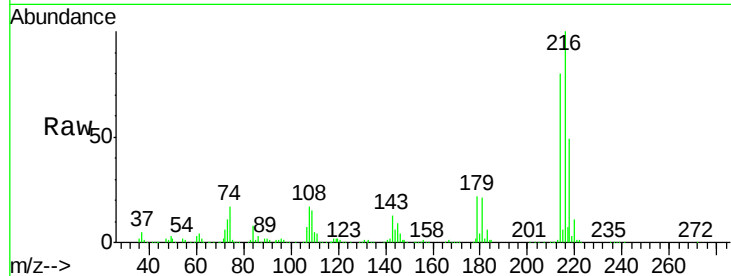




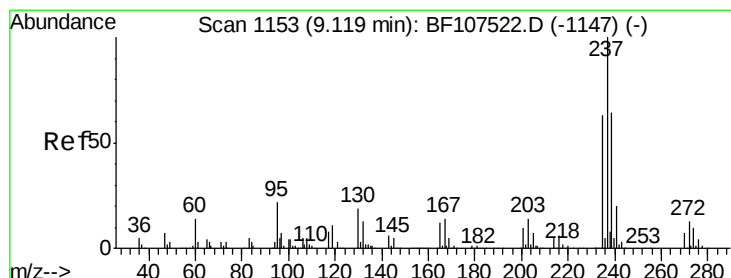
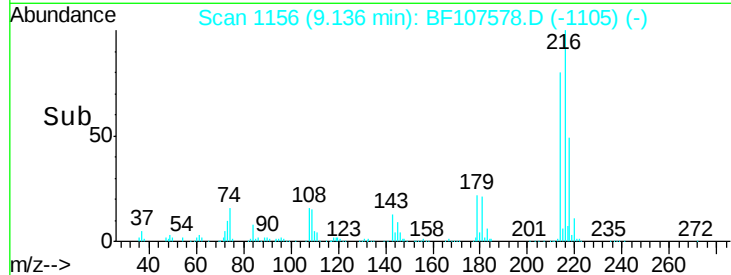
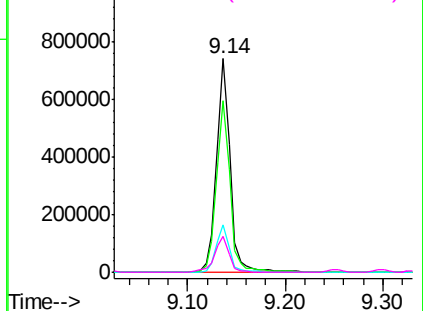
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.872 ng
 RT: 9.14 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Tgt Ion:	216	Resp:	722986
Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.0	94.4
179	21.4	18.1	27.1
108	18.5	17.2	25.8

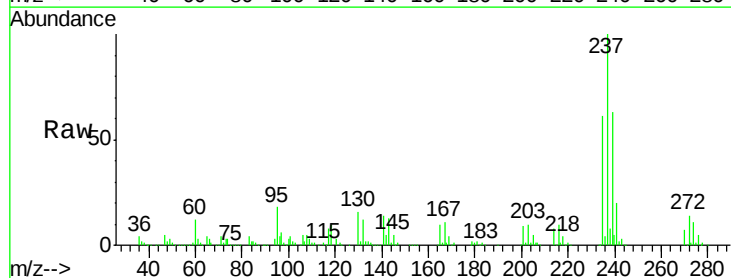


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

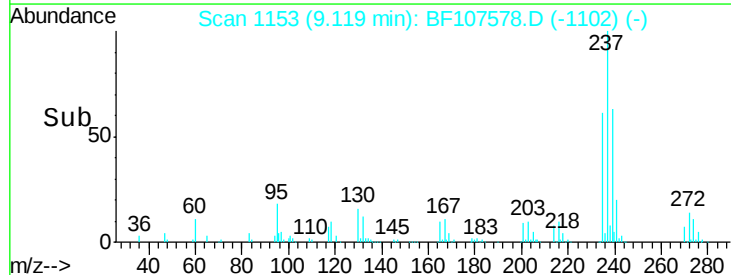
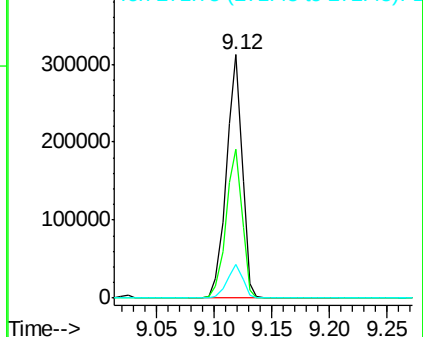


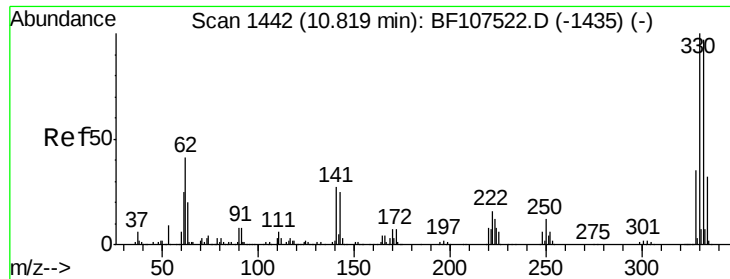
#40
 Hexachlorocyclopentadiene
 Concen: 38.573 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion:	237	Resp:	296137
Ion	Ratio	Lower	Upper
237	100		
235	61.1	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

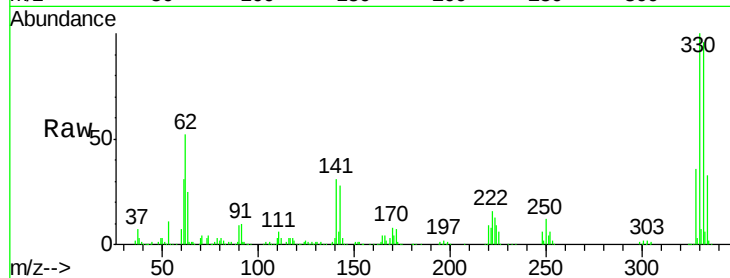




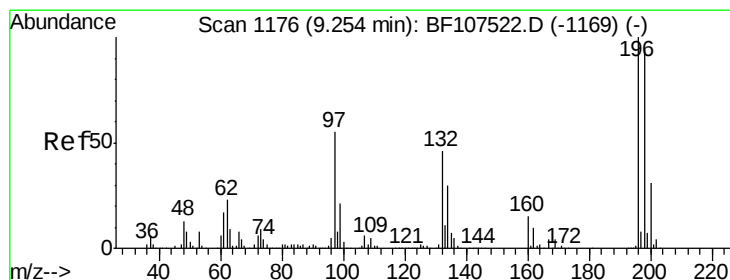
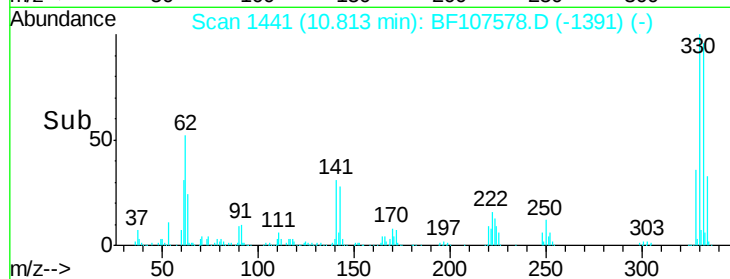
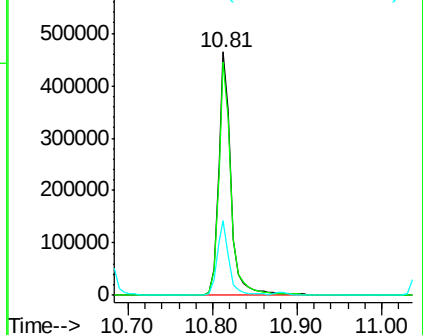
#41
 2,4,6-Tribromophenol
 Concen: 93.741 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Tgt Ion:330 Resp: 482673
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 29.8 29.9 44.9#

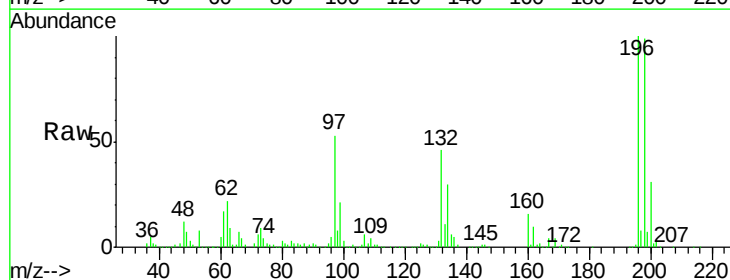


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

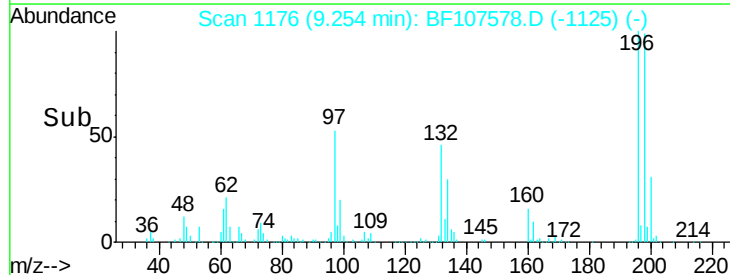
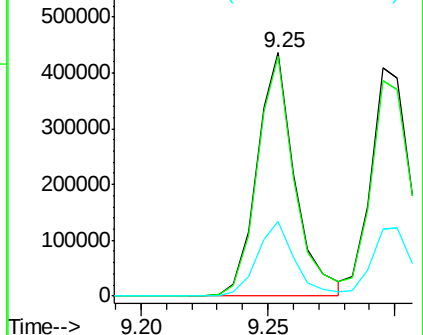


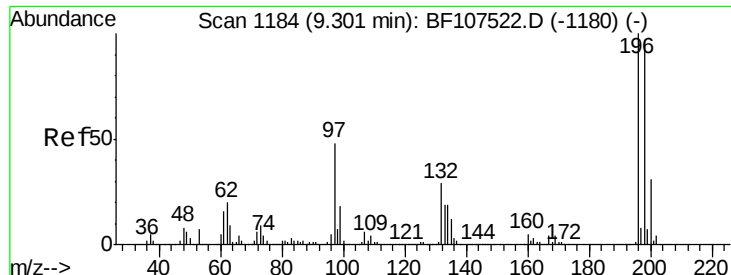
#42
 2,4,6-Trichlorophenol
 Concen: 46.911 ng
 RT: 9.25 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion:196 Resp: 453485
 Ion Ratio Lower Upper
 196 100
 198 98.7 75.7 113.5
 200 30.9 24.5 36.7



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

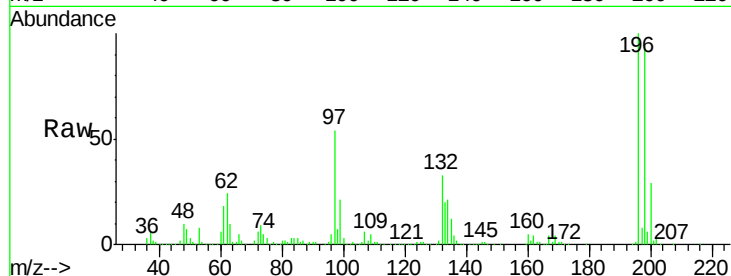




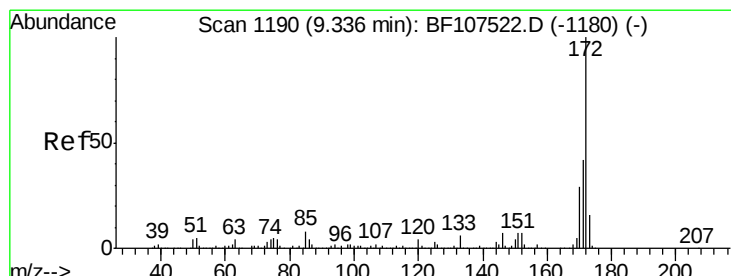
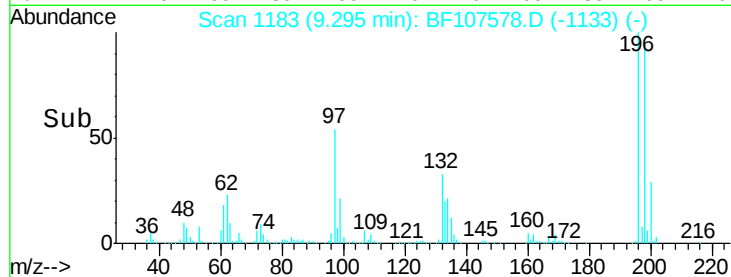
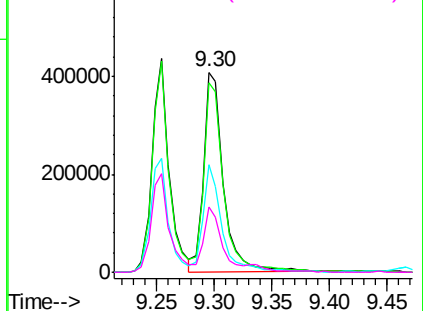
#43
 2,4,5-Trichlorophenol
 Concen: 48.379 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Tgt Ion:196 Resp: 488790
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.6 112.0
 97 53.8 42.9 64.3
 132 32.8 26.3 39.5

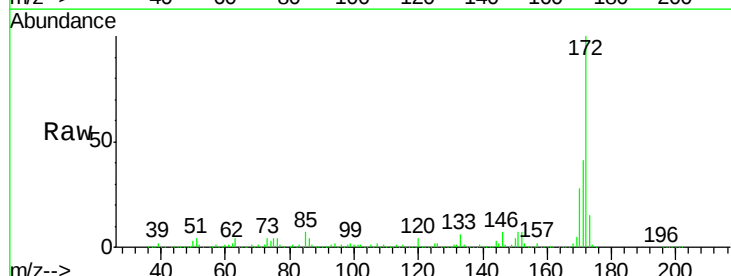


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

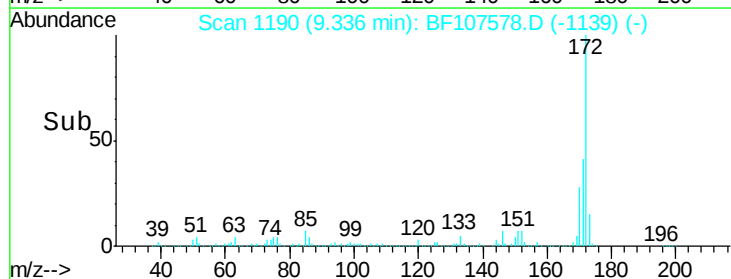
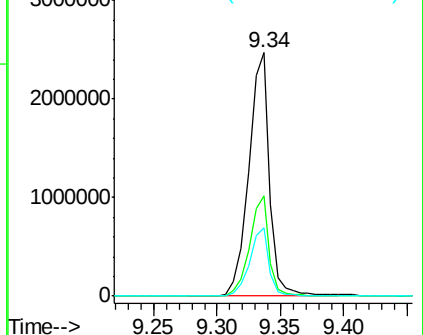


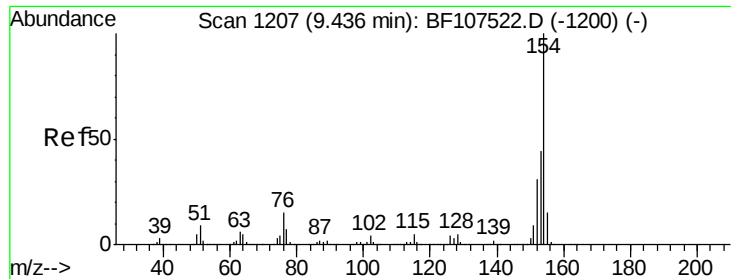
#44
 2-Fluorobiphenyl
 Concen: 118.198 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion:172 Resp: 2813068
 Ion Ratio Lower Upper
 172 100
 171 41.0 29.7 44.5
 170 28.2 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: 46.900 ng

RT: 9.44 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

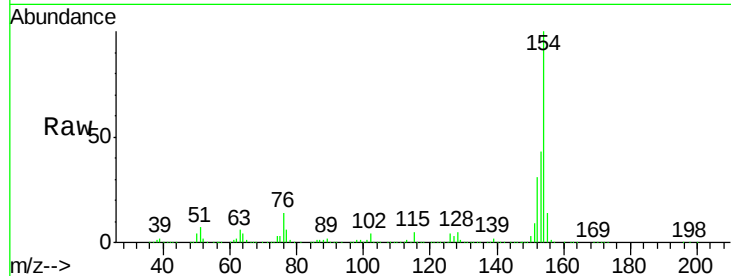
Tgt Ion:154 Resp: 1849936

Ion Ratio Lower Upper

154 100

153 43.1 21.3 61.3

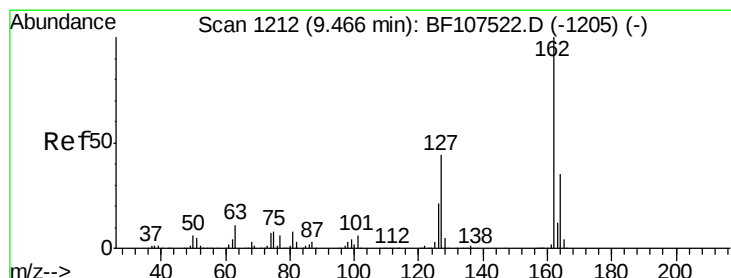
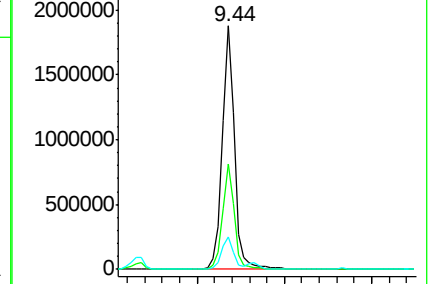
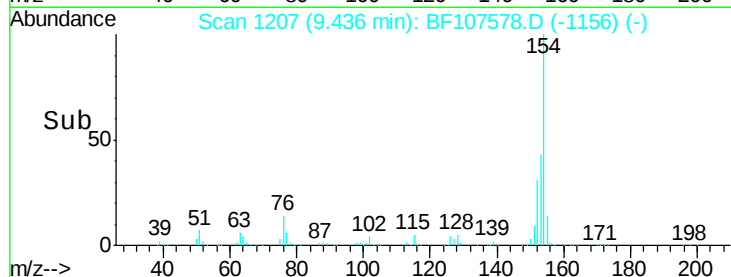
76 13.5 0.0 34.0



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: 45.446 ng

RT: 9.47 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

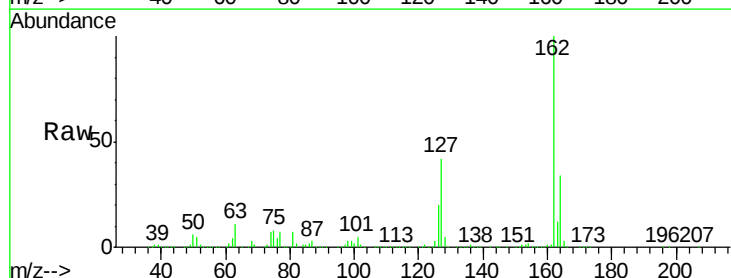
Tgt Ion:162 Resp: 1370168

Ion Ratio Lower Upper

162 100

127 42.3 33.9 50.9

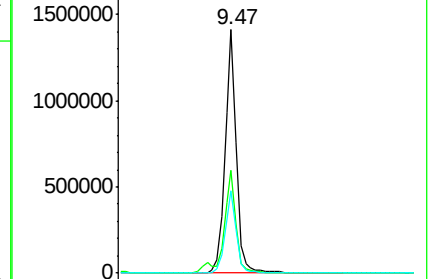
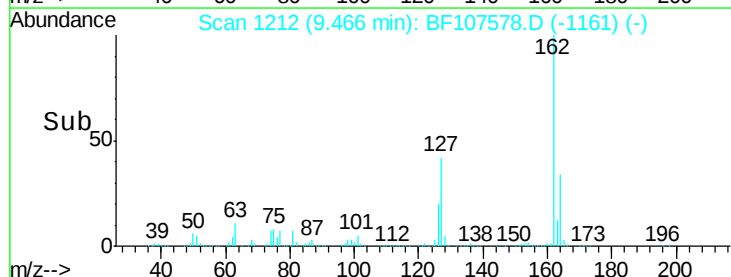
164 33.8 26.5 39.7

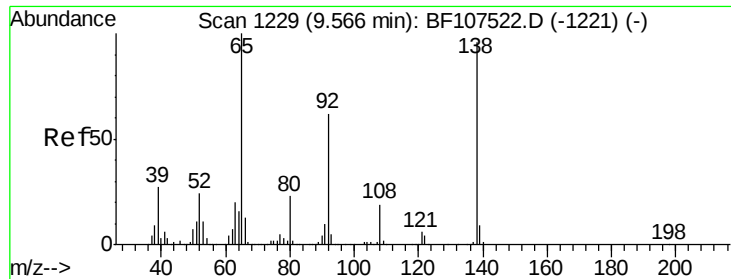


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

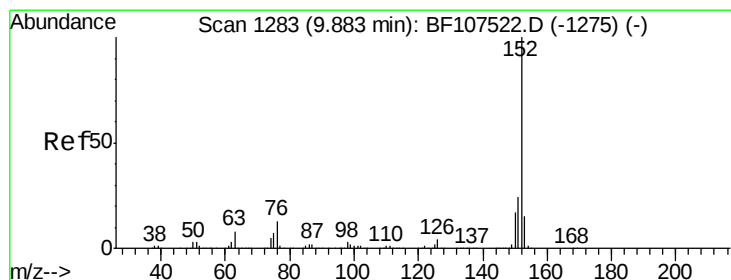
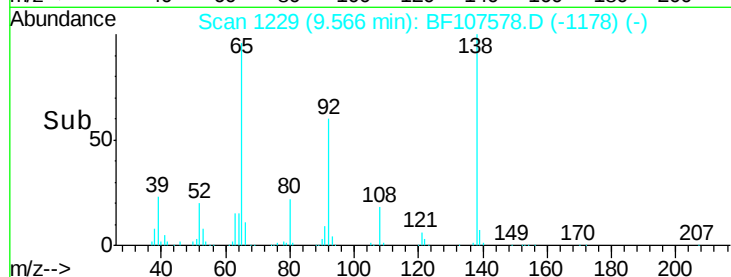
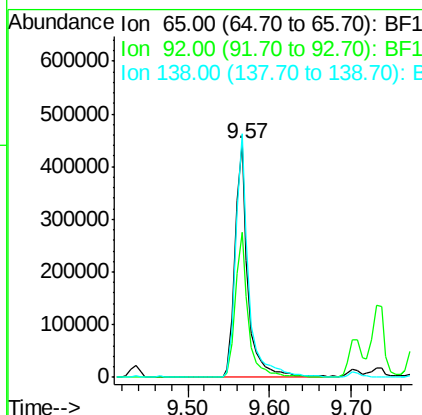
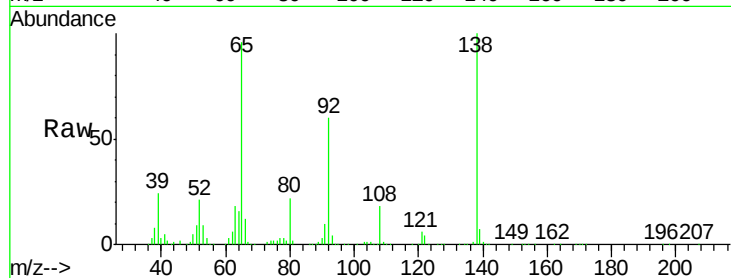




#47
2-Nitroaniline
Concen: 56.027 ng
RT: 9.57 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

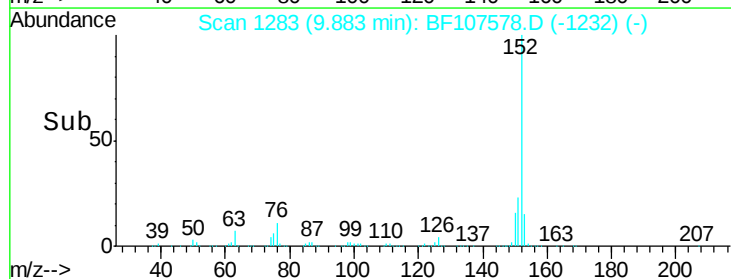
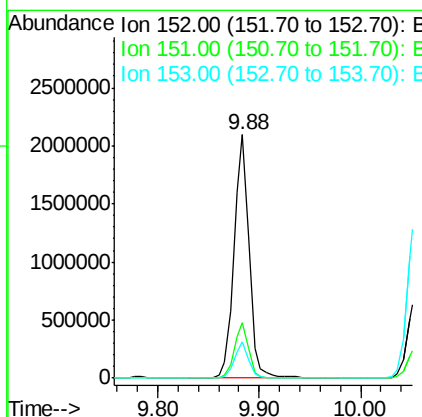
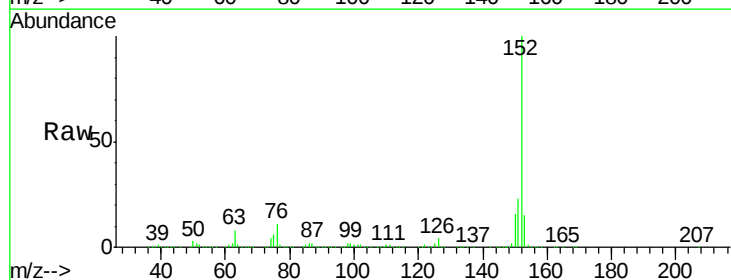
Instrument :
BNA_F
ClientSampleId :
PB111309BSD

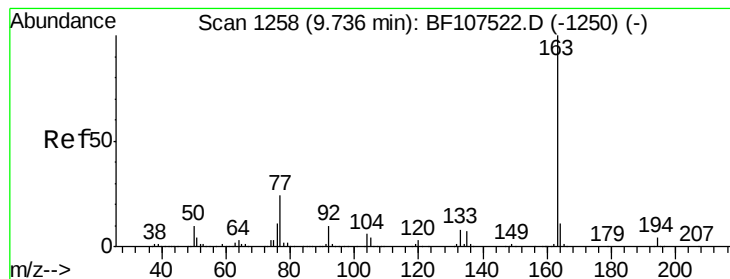
Tgt Ion: 65 Resp: 492459
Ion Ratio Lower Upper
65 100
92 62.0 55.8 83.6
138 103.9 91.2 136.8



#48
Acenaphthylene
Concen: 47.867 ng
RT: 9.88 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion: 152 Resp: 2167935
Ion Ratio Lower Upper
152 100
151 23.0 16.3 24.5
153 15.1 10.7 16.1





#49

Dimethylphthalate

Concen: 48.099 ng

RT: 9.74 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

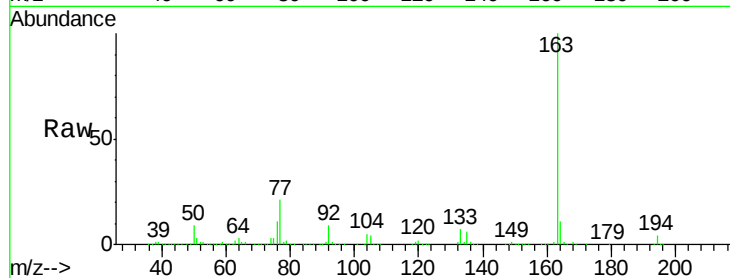
Tgt Ion:163 Resp: 1641420

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

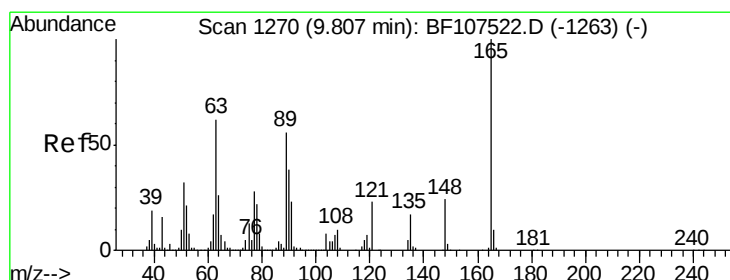
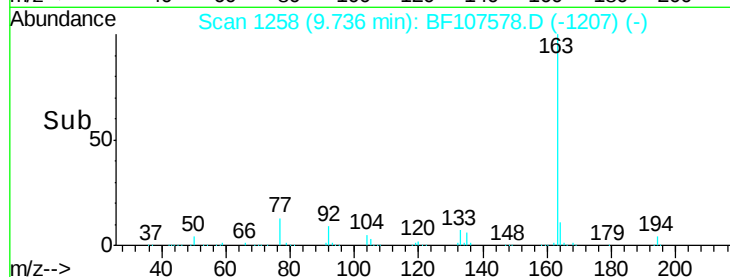
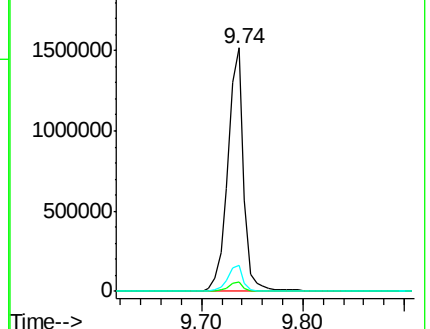
164 10.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.862 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

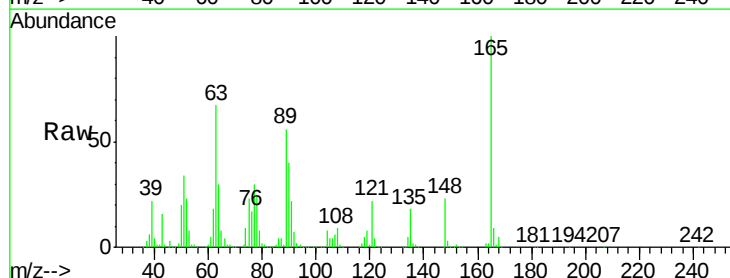
Tgt Ion:165 Resp: 351380

Ion Ratio Lower Upper

165 100

63 66.6 44.7 67.1

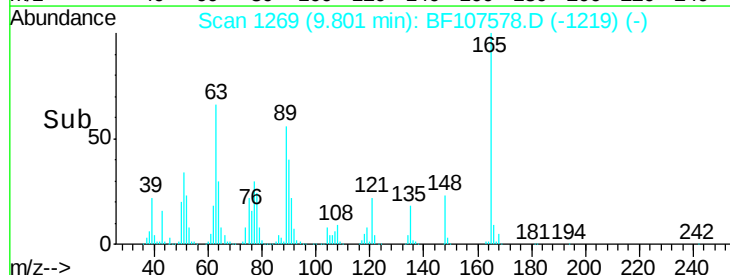
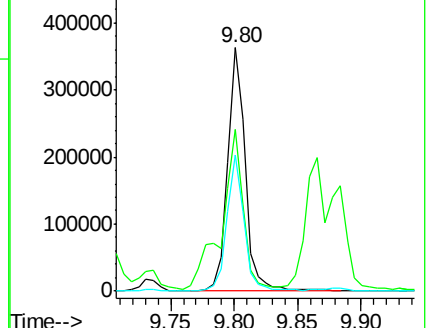
89 56.0 44.0 66.0

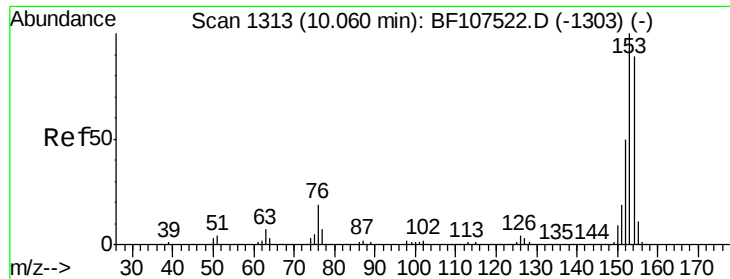


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 42.771 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

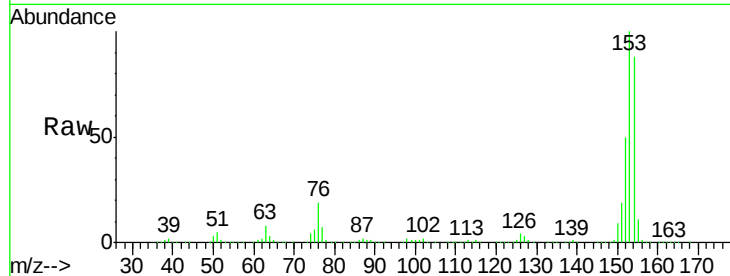
Tgt Ion:154 Resp: 1213733

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

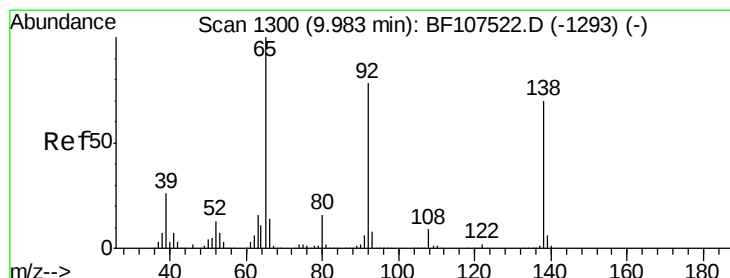
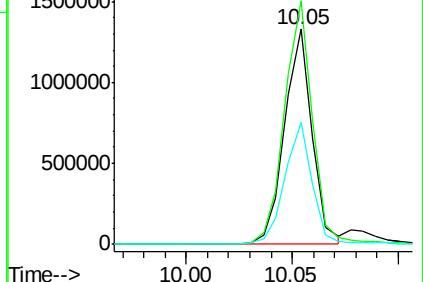
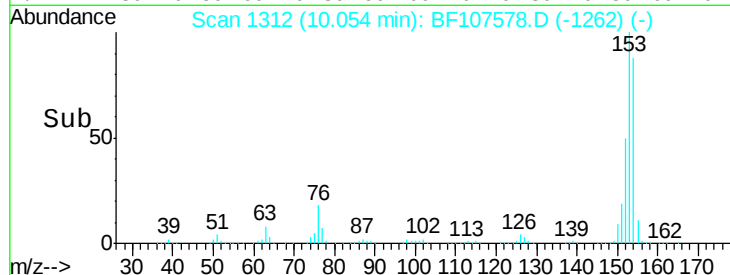
152 56.5 43.8 65.8



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: 31.034 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

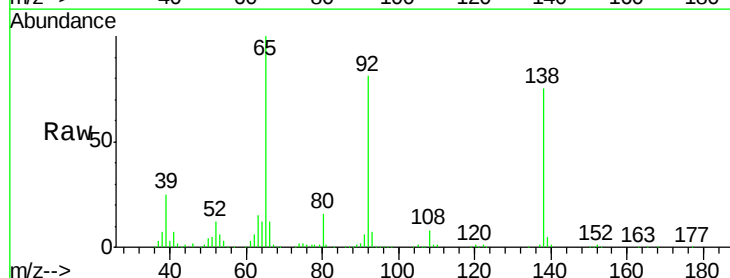
Tgt Ion:138 Resp: 255803

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

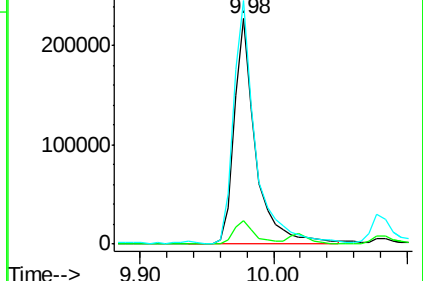
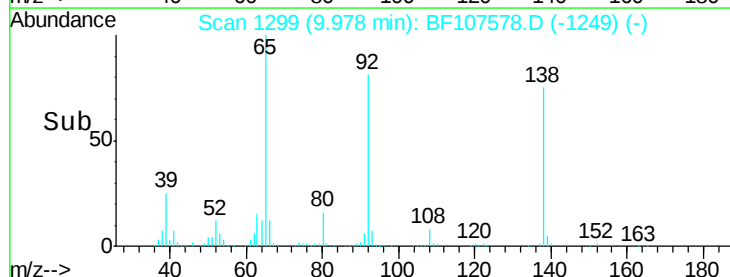
92 107.9 89.4 134.2

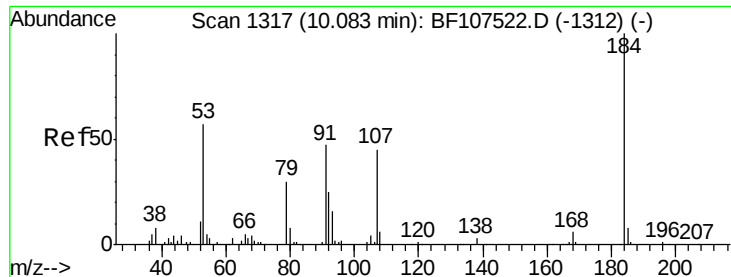


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

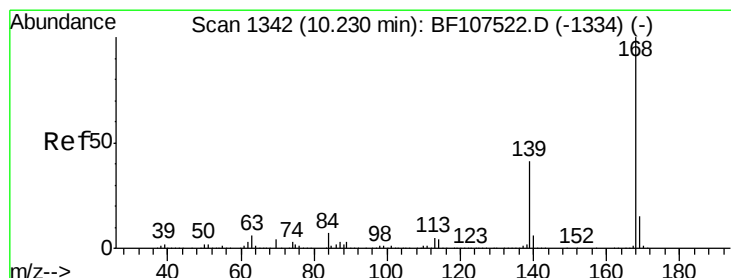
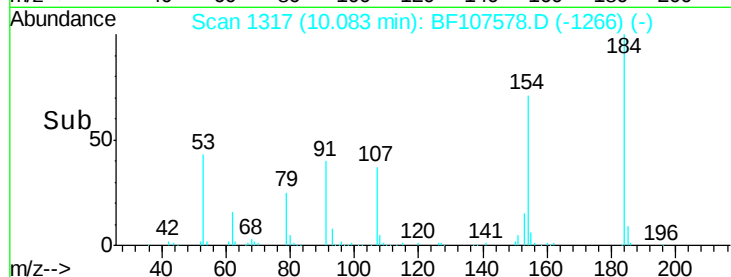
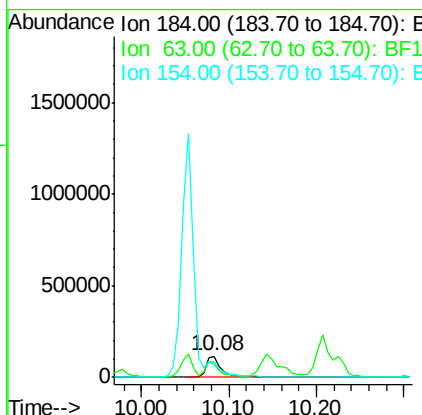
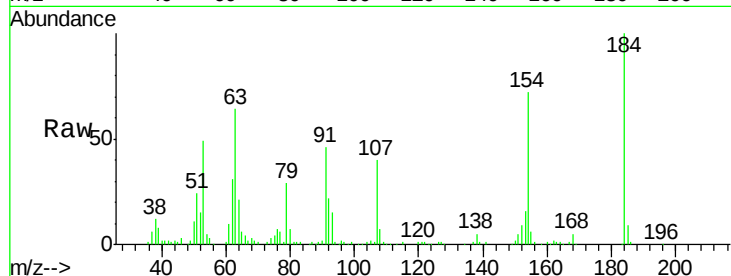




#53
2,4-Dinitrophenol
Concen: 55.979 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

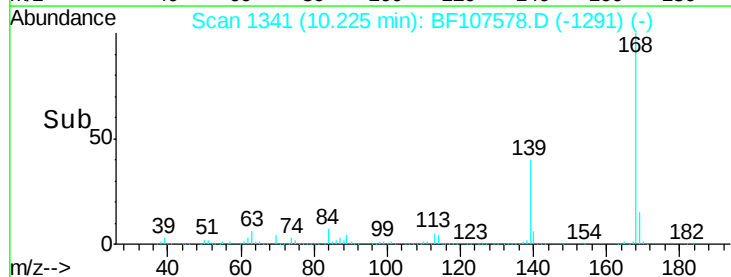
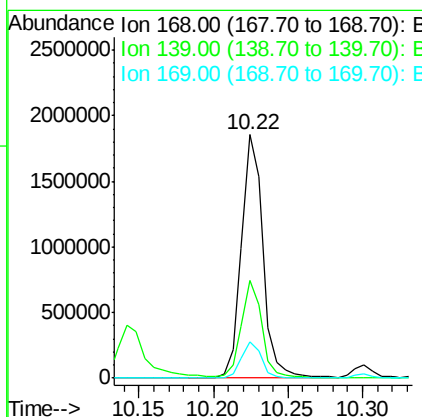
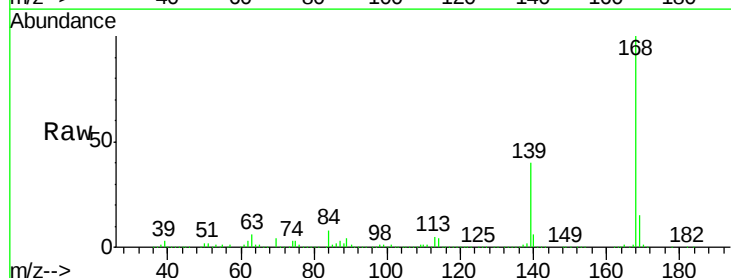
Instrument :
BNA_F
ClientSampleId :
PB111309BSD

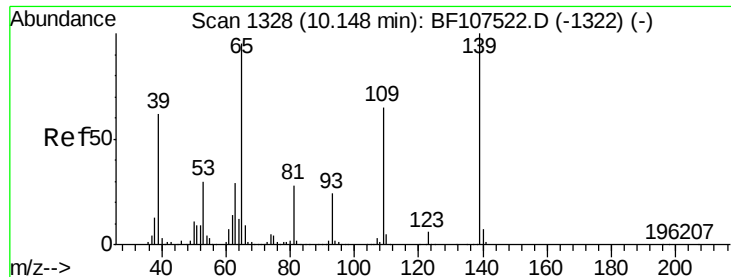
Tgt Ion:184 Resp: 149813
Ion Ratio Lower Upper
184 100
63 63.9 54.2 81.2
154 71.5 184.0 276.0#



#54
Dibenzofuran
Concen: 44.754 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion:168 Resp: 1869693
Ion Ratio Lower Upper
168 100
139 40.3 30.1 45.1
169 14.6 10.9 16.3

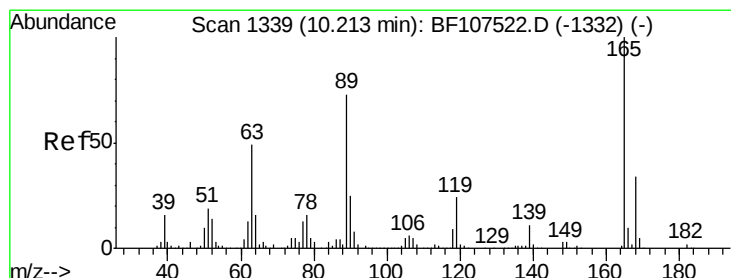
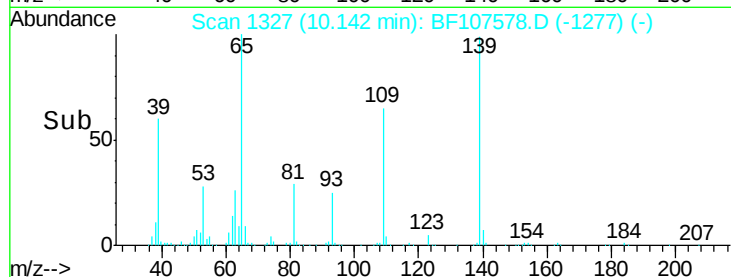
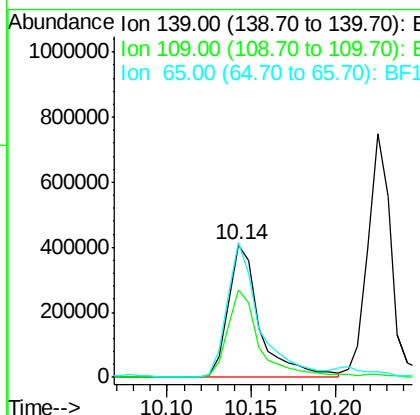
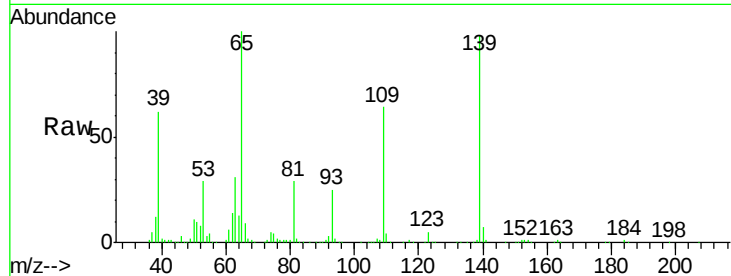




#55
4-Nitrophenol
Concen: 85.925 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

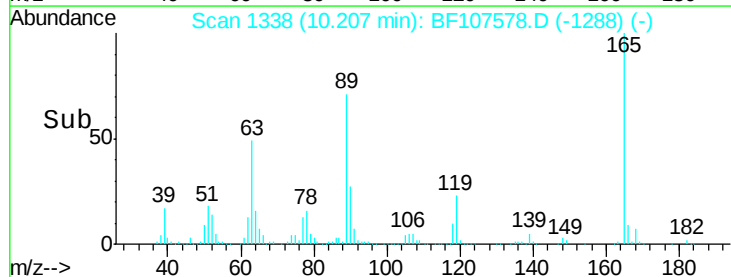
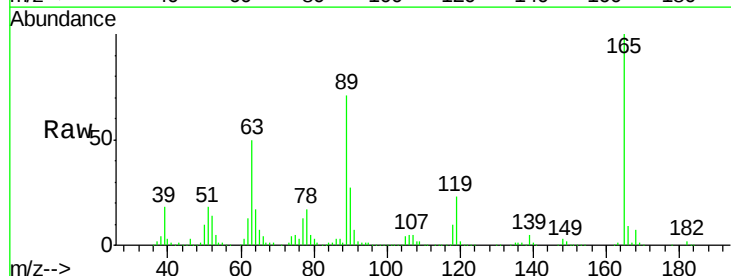
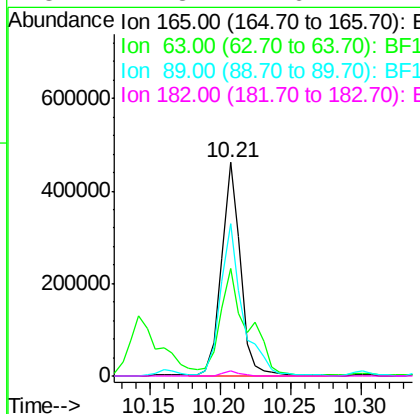
Instrument :
BNA_F
ClientSampleId :
PB111309BSD

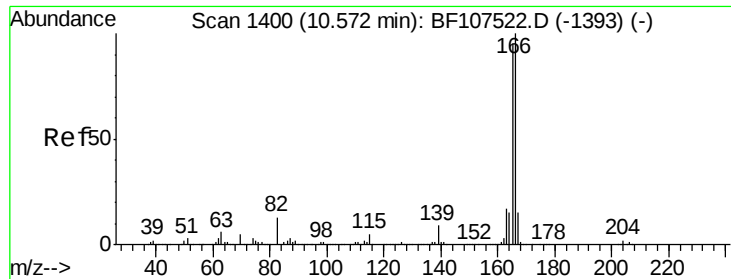
Tgt Ion:139 Resp: 530266
Ion Ratio Lower Upper
139 100
109 65.7 48.4 88.4
65 101.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 52.278 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion:165 Resp: 427551
Ion Ratio Lower Upper
165 100
63 50.3 36.4 54.6
89 71.2 57.8 86.6
182 2.3 1.6 2.4

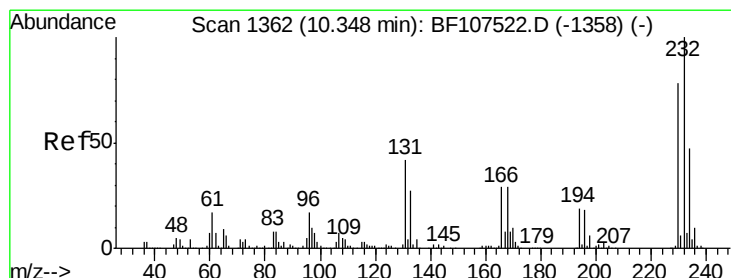
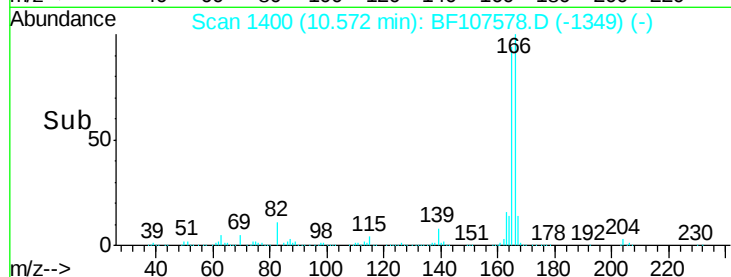
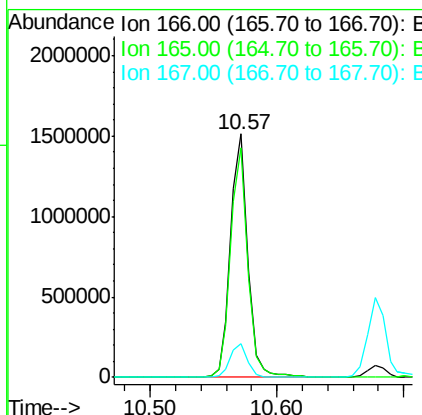
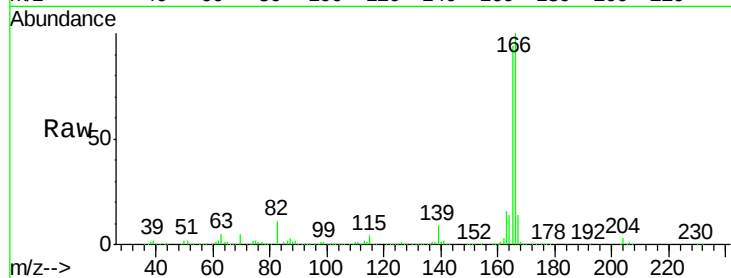




#57
 Fluorene
 Concen: 48.000 ng
 RT: 10.57 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

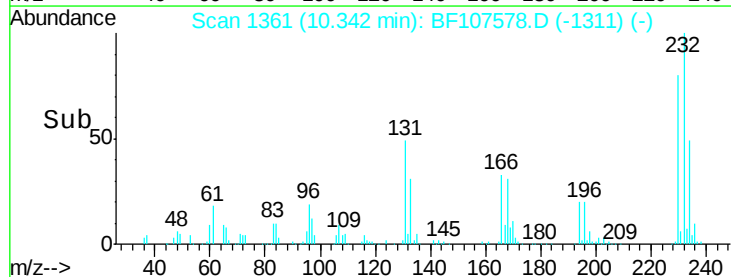
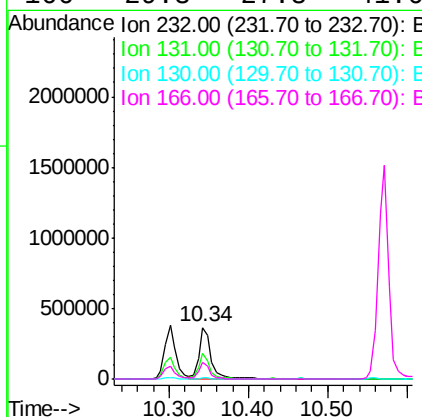
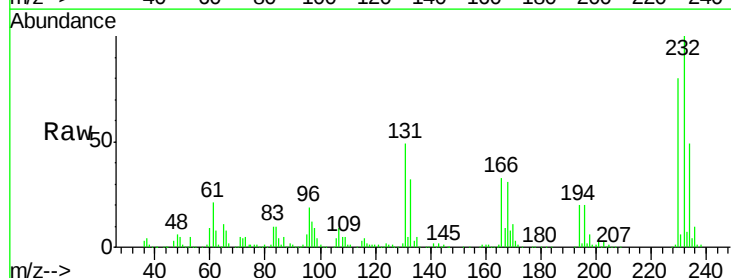
Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

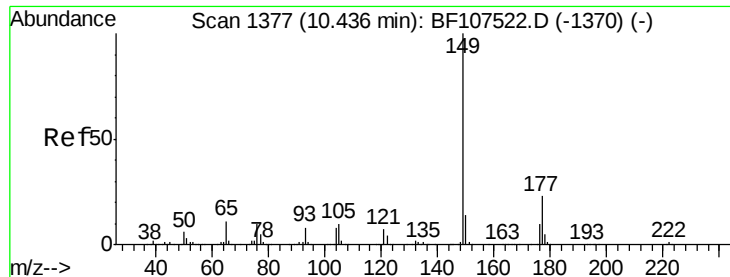
Tgt Ion:166 Resp: 1430619
 Ion Ratio Lower Upper
 166 100
 165 94.0 79.8 119.8
 167 14.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.131 ng
 RT: 10.34 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion:232 Resp: 396308
 Ion Ratio Lower Upper
 232 100
 131 42.5 43.8 65.8#
 130 1.7 2.1 3.1#
 166 29.3 27.8 41.6

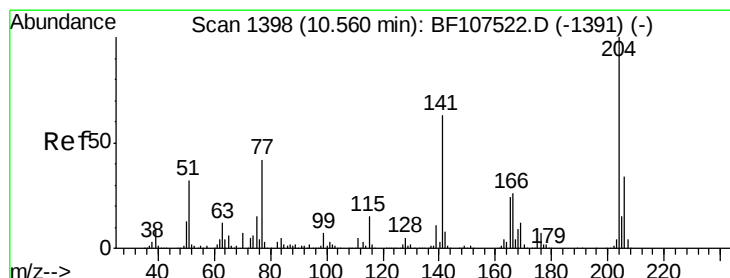
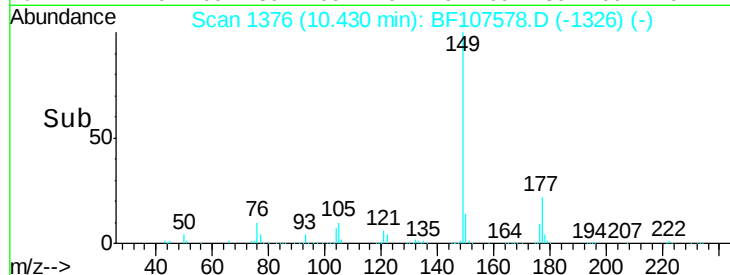
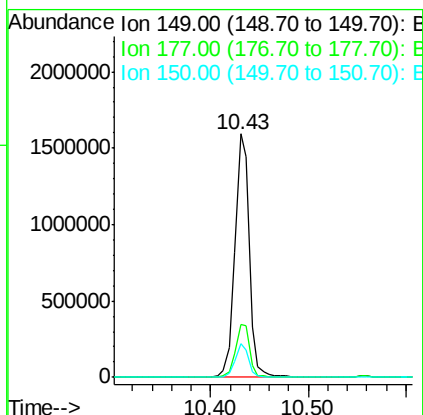
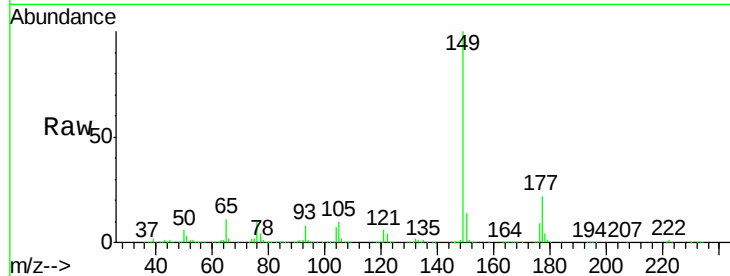




#59
Diethylphthalate
Concen: 45.875 ng
RT: 10.43 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

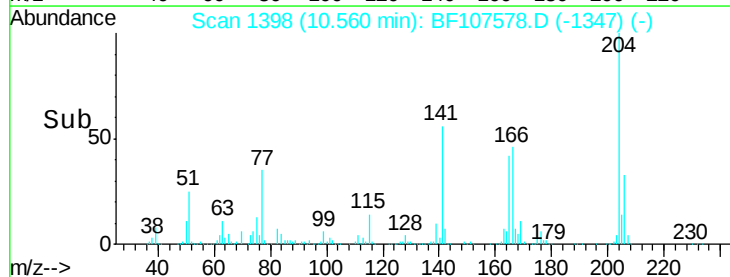
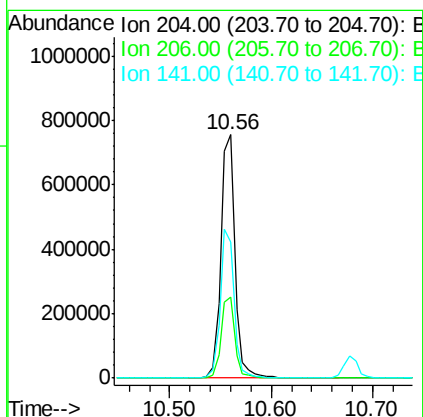
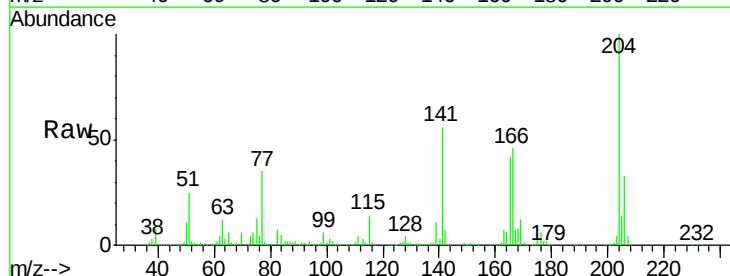
Instrument :
BNA_F
ClientSampleId :
PB111309BSD

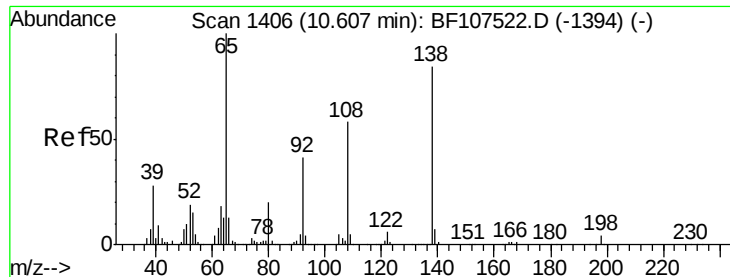
Tgt Ion:149 Resp: 1635020
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 13.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 43.173 ng
RT: 10.56 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion:204 Resp: 727437
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 56.0 54.6 81.8

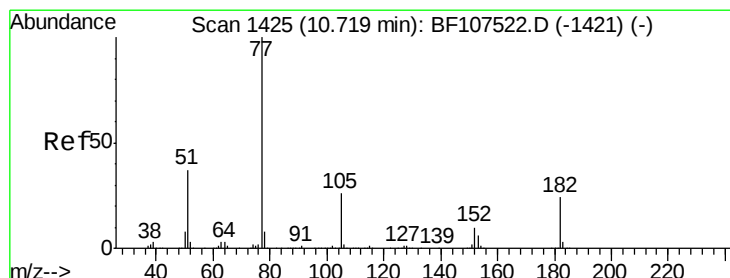
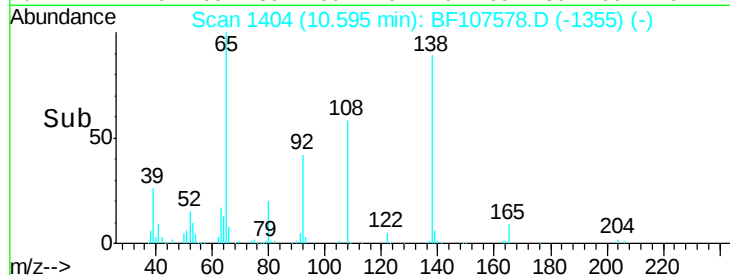
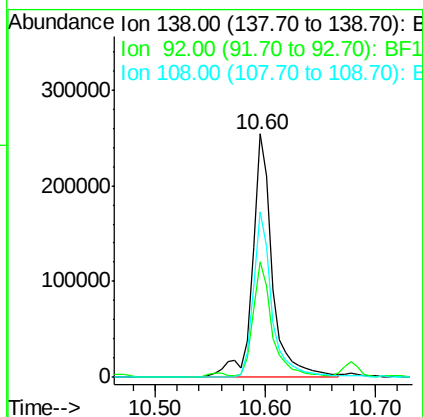
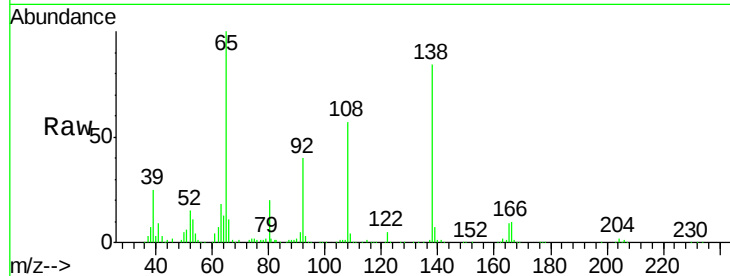




#61
4-Nitroaniline
Concen: 46.484 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

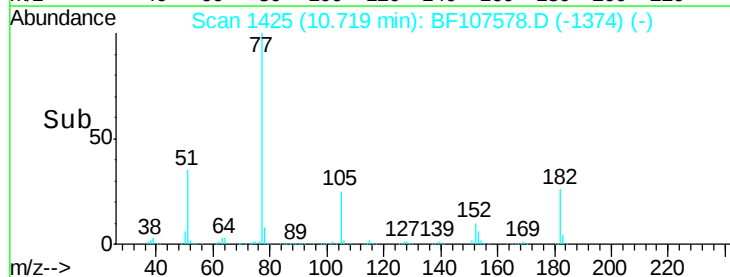
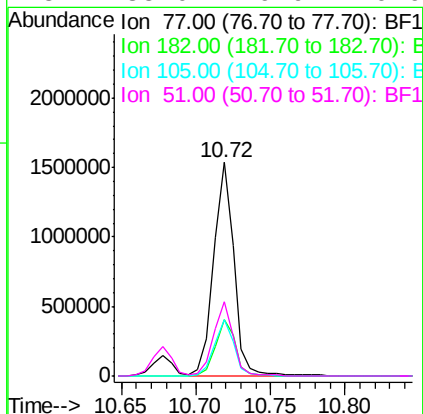
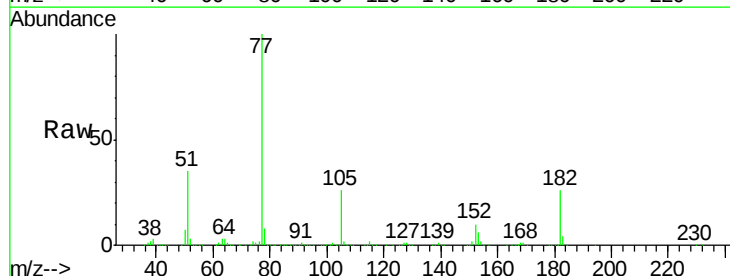
Instrument :
BNA_F
ClientSampleId :
PB111309BSD

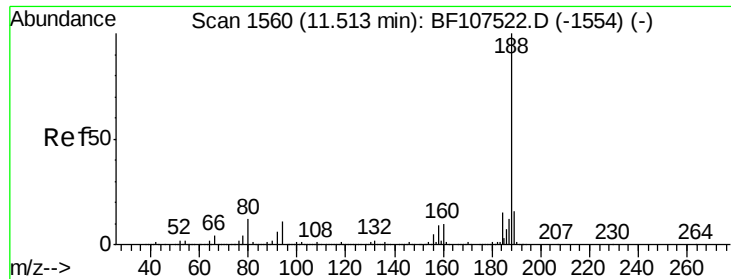
Tgt Ion:138 Resp: 321906
Ion Ratio Lower Upper
138 100
92 47.6 30.2 70.2
108 67.8 52.5 92.5



#62
Azobenzene
Concen: 43.272 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion: 77 Resp: 1446132
Ion Ratio Lower Upper
77 100
182 26.1 1.7 41.7
105 26.2 3.0 43.0
51 35.0 9.9 49.9

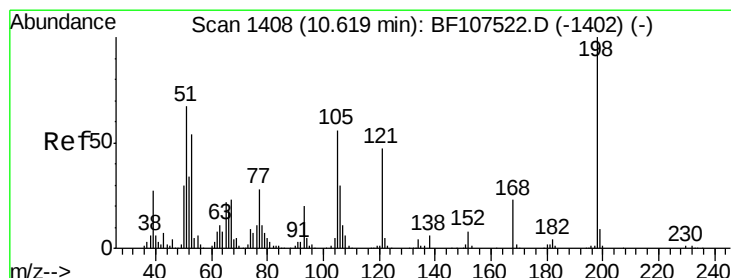
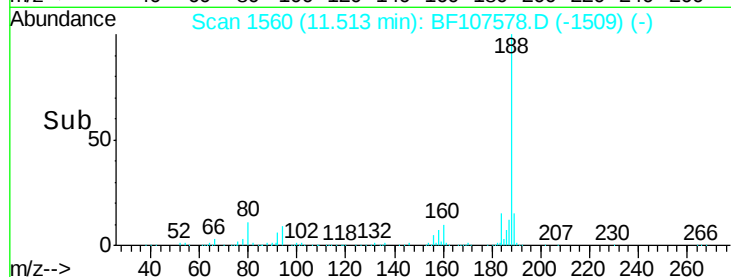
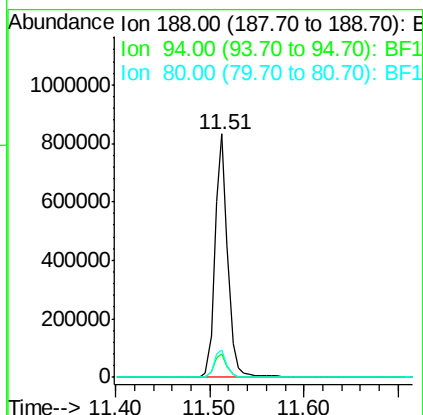
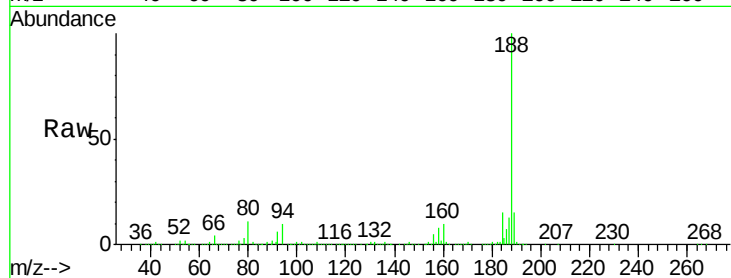




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

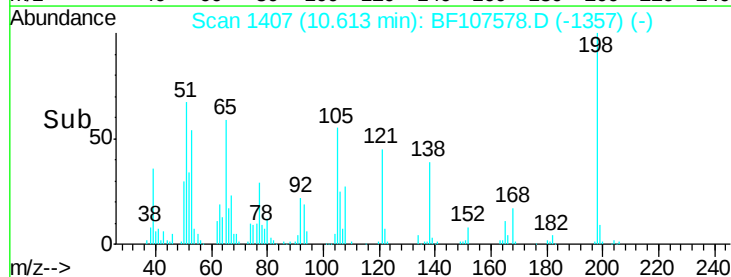
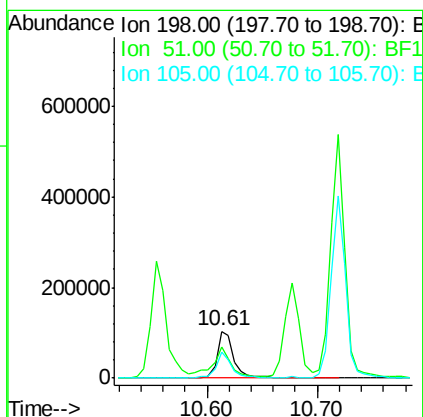
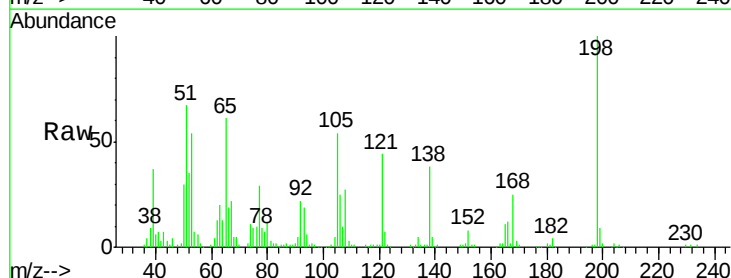
Instrument :
BNA_F
ClientSampleId :
PB111309BSD

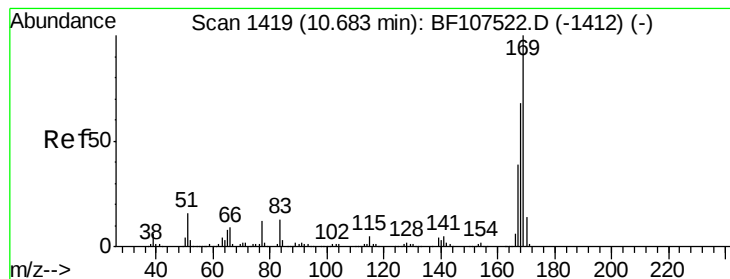
Tgt Ion:188 Resp: 797096
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 11.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 31.911 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion:198 Resp: 109126
Ion Ratio Lower Upper
198 100
51 66.9 37.7 77.7
105 54.1 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 48.342 ng

RT: 10.68 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

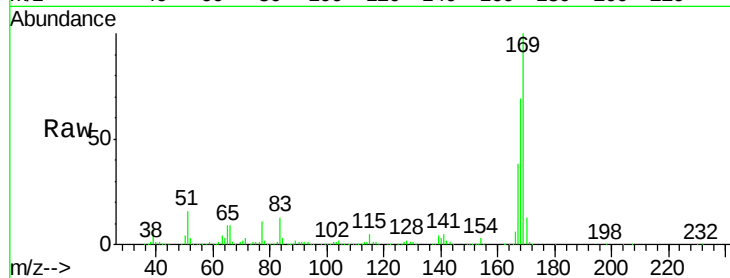
BNA_F

ClientSampleId :

PB111309BSD

Tgt Ion:169 Resp: 1308690

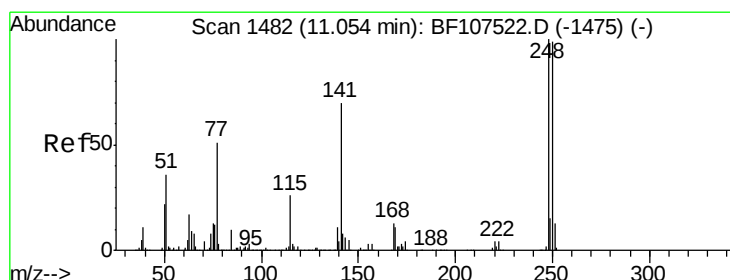
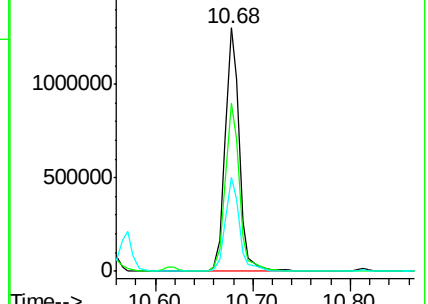
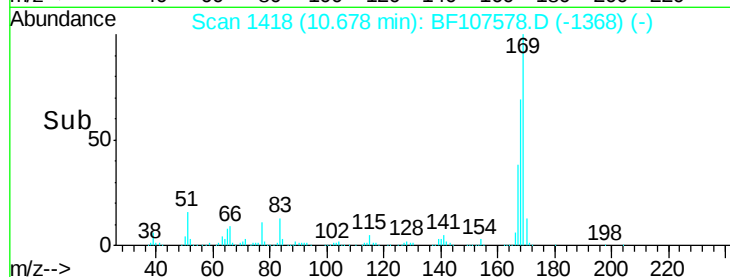
Ion	Ratio	Lower	Upper
169	100		
168	68.8	54.4	81.6
167	38.3	29.8	44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.285 ng

RT: 11.05 min Scan# 1481

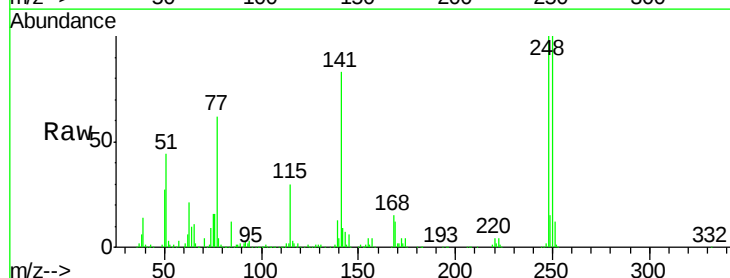
Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Tgt Ion:248 Resp: 434301

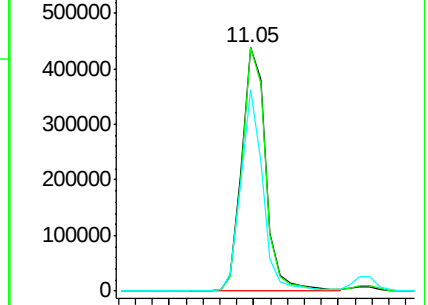
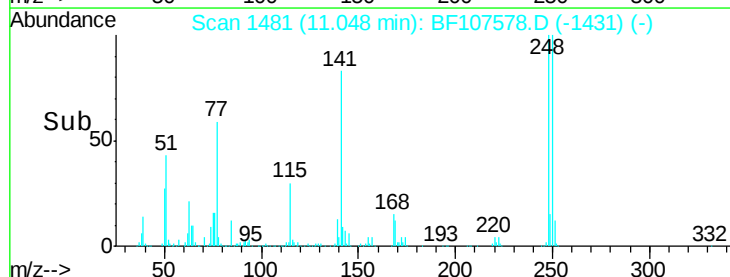
Ion	Ratio	Lower	Upper
248	100		
250	100.2	76.9	115.3
141	83.1	74.4	111.6

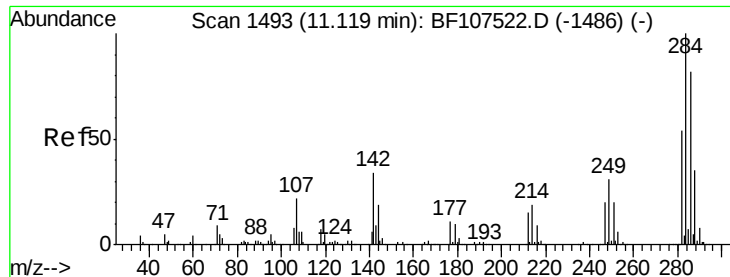


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

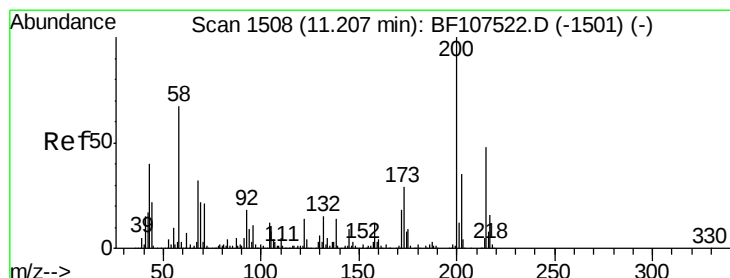
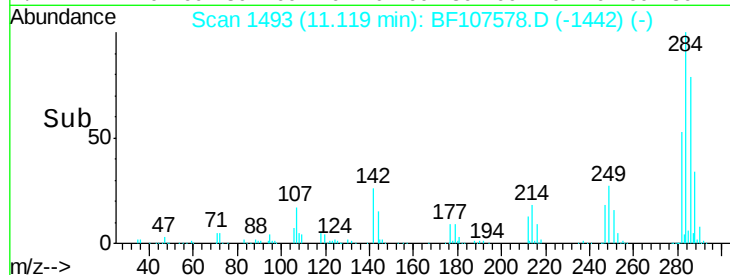
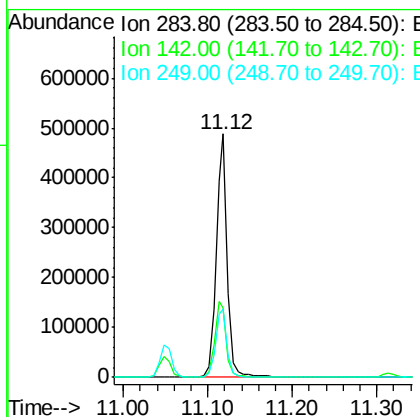
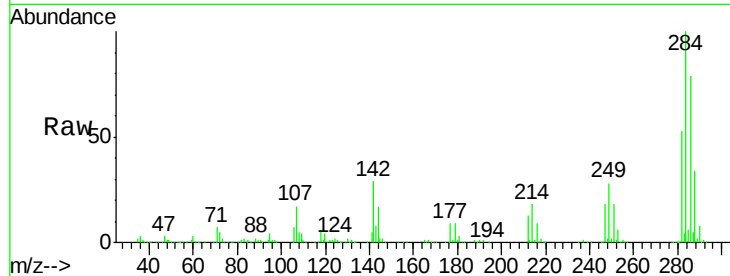




#67
Hexachlorobenzene
Concen: 43.885 ng
RT: 11.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

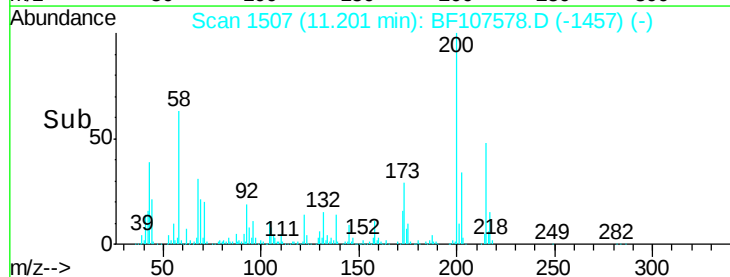
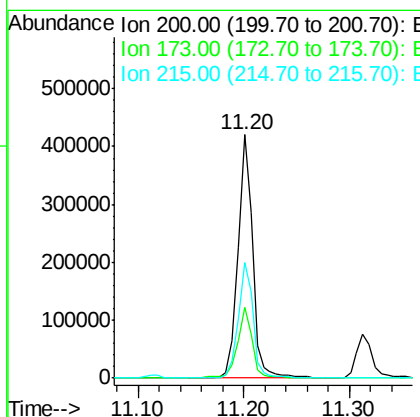
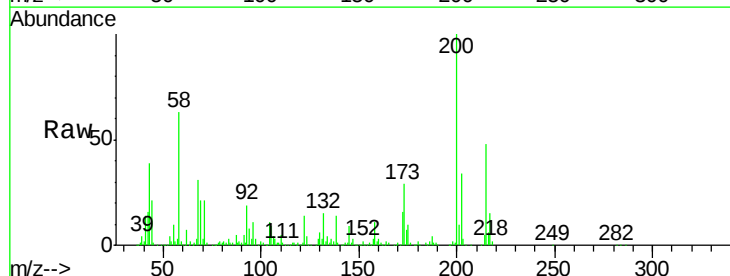
Instrument :
BNA_F
ClientSampleId :
PB111309BSD

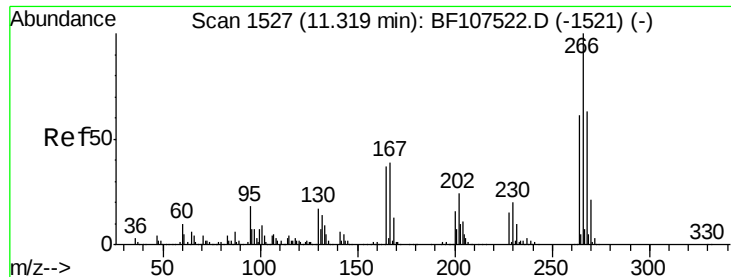
Tgt Ion:284 Resp: 453079
Ion Ratio Lower Upper
284 100
142 28.8 34.6 52.0#
249 28.2 24.8 37.2



#68
Atrazine
Concen: 48.295 ng
RT: 11.20 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion:200 Resp: 399178
Ion Ratio Lower Upper
200 100
173 28.8 8.6 48.6
215 47.6 25.1 65.1

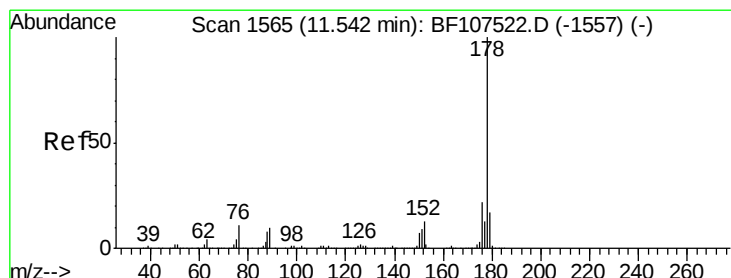
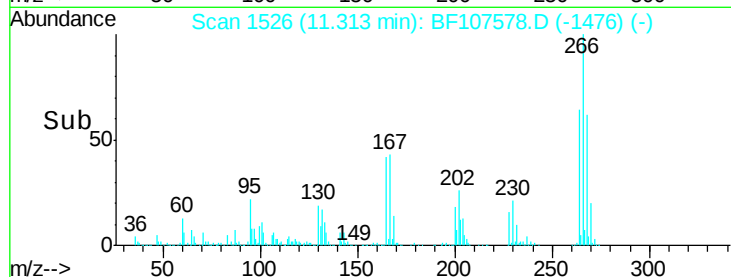
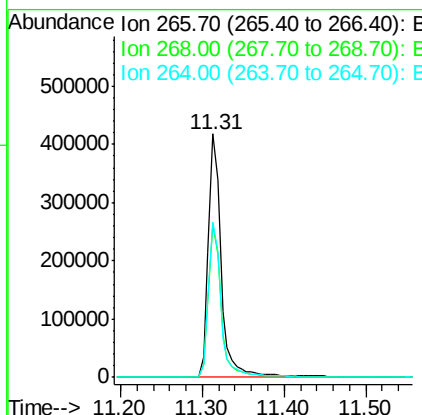
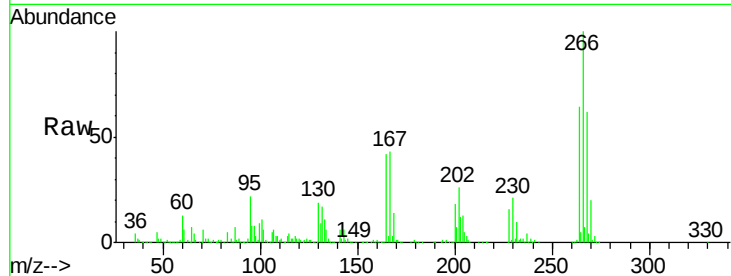




#69
 Pentachlorophenol
 Concen: 71.687 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

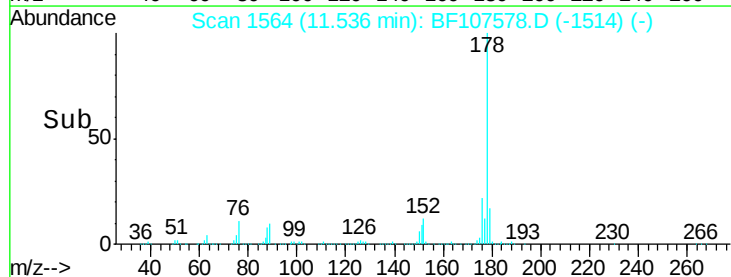
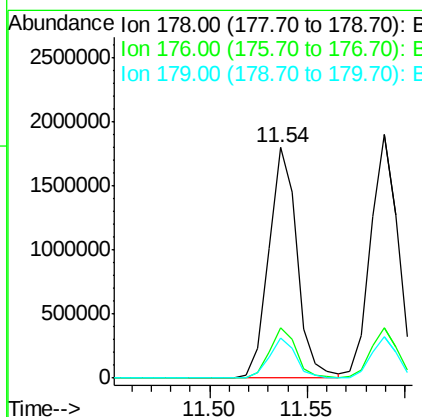
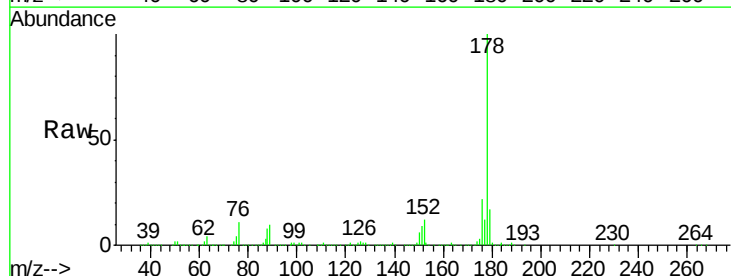
Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

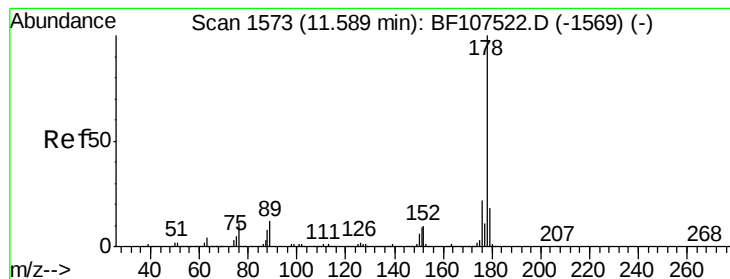
Tgt Ion:266 Resp: 462293
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.1 76.7
 264 63.6 49.5 74.3



#70
 Phenanthrene
 Concen: 46.295 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion:178 Resp: 1798211
 Ion Ratio Lower Upper
 178 100
 176 21.8 15.8 23.8
 179 17.2 13.0 19.6





#71

Anthracene

Concen: 49.159 ng

RT: 11.59 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

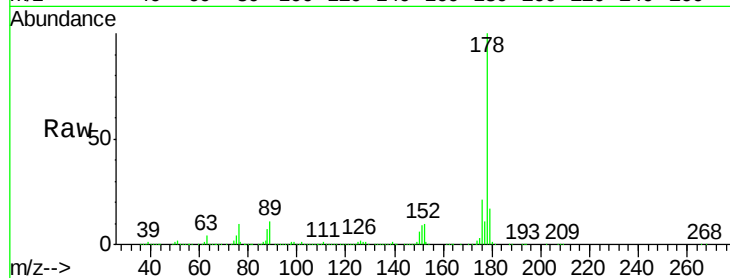
Tgt Ion:178 Resp: 1922533

Ion Ratio Lower Upper

178 100

176 20.8 15.4 23.2

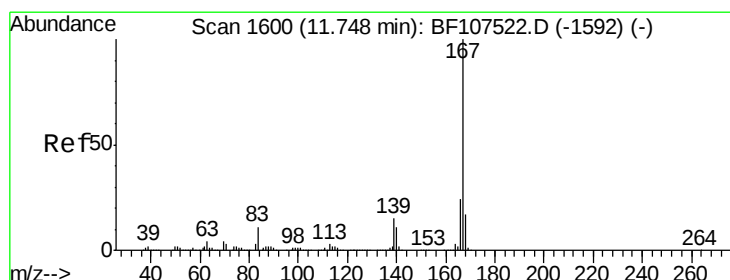
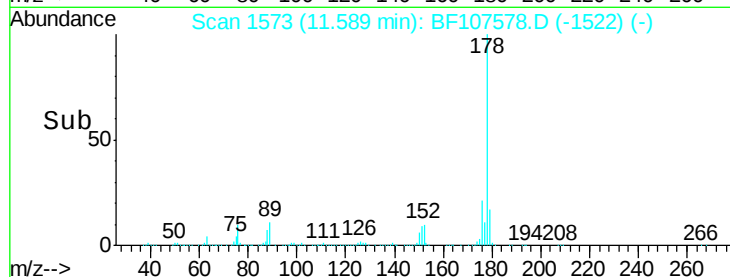
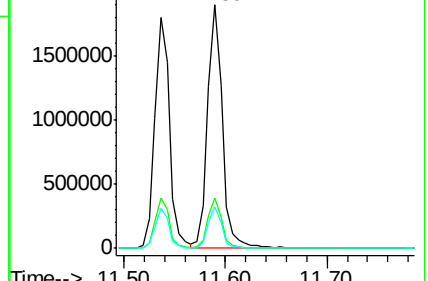
179 16.9 12.6 19.0



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: 43.742 ng

RT: 11.75 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

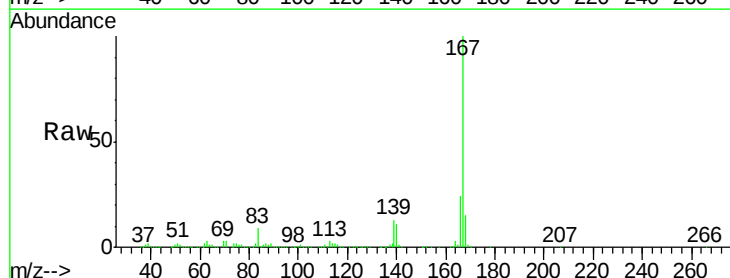
Tgt Ion:167 Resp: 1778906

Ion Ratio Lower Upper

167 100

166 24.2 17.6 26.4

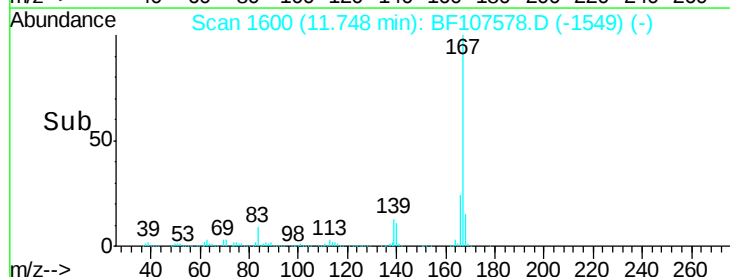
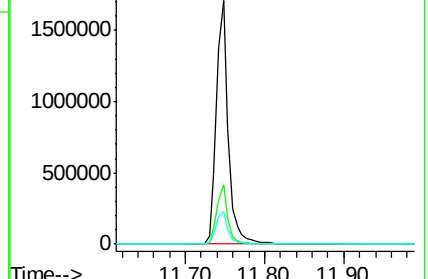
139 13.5 10.9 16.3

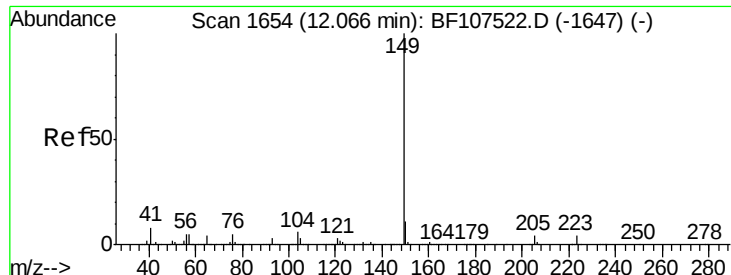


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 56.383 ng

RT: 12.06 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

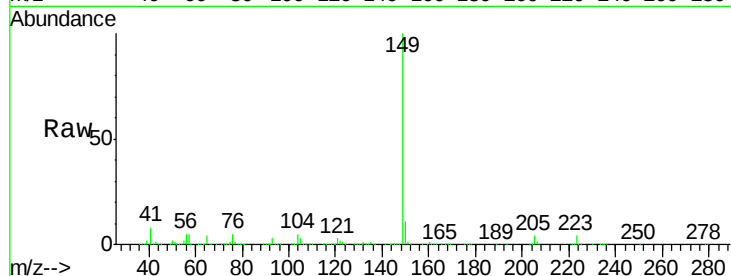
Tgt Ion:149 Resp: 2187853

Ion Ratio Lower Upper

149 100

150 10.7 7.8 11.6

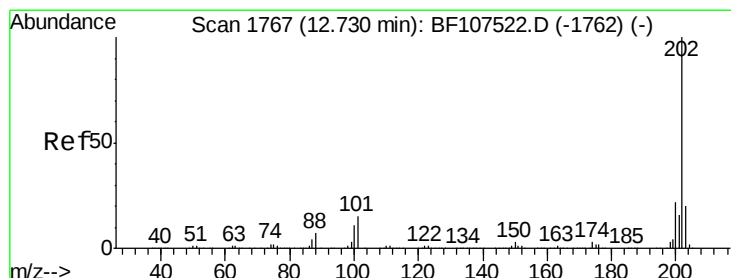
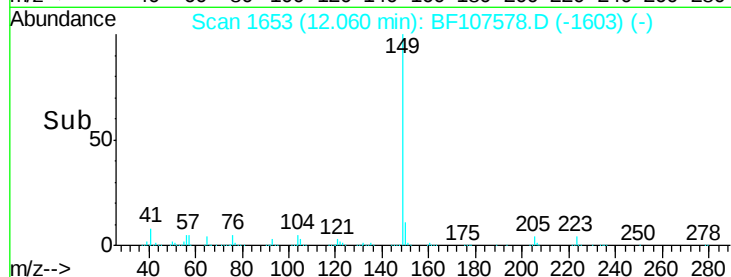
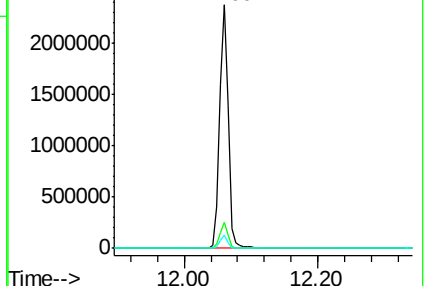
104 5.4 3.8 5.8



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: 45.829 ng

RT: 12.73 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

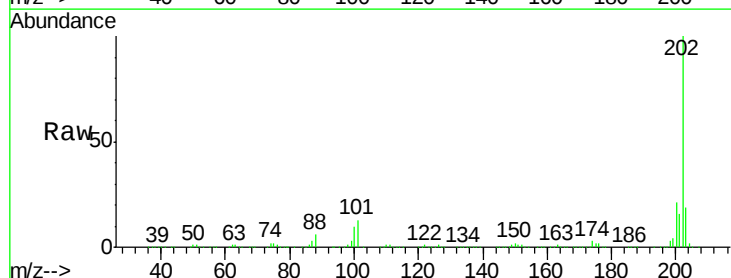
Tgt Ion:202 Resp: 1910196

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

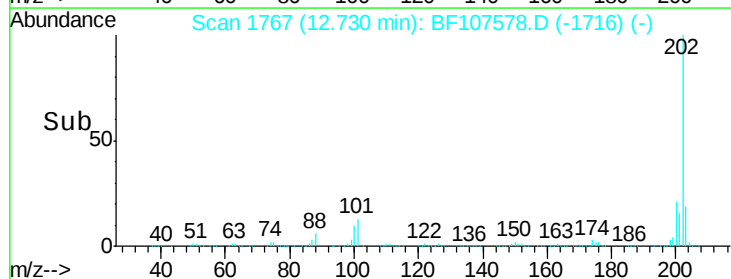
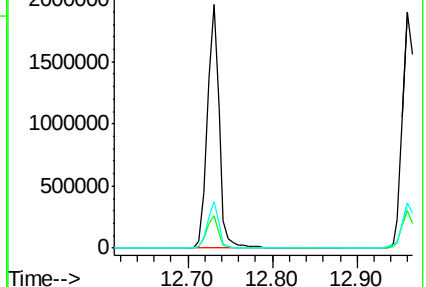
203 19.0 0.0 38.1

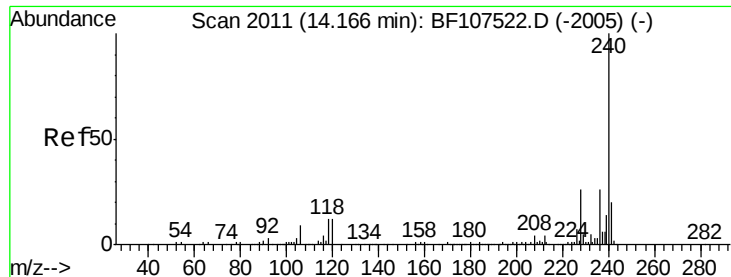


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

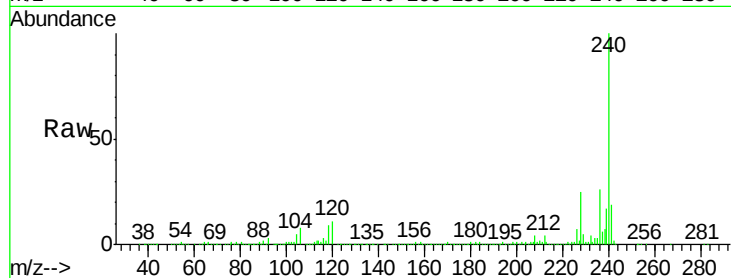
Tgt Ion:240 Resp: 646812

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

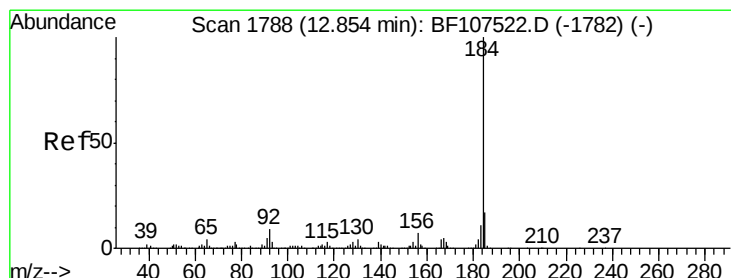
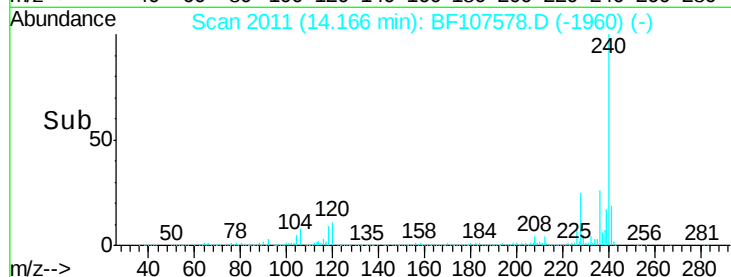
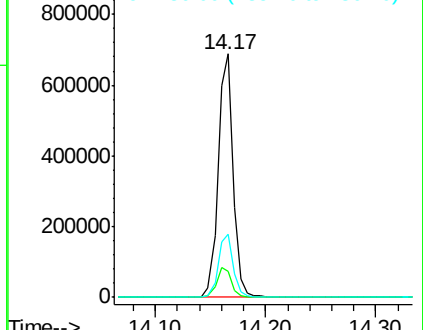
236 25.9 20.7 31.1



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: 61.379 ng

RT: 12.85 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

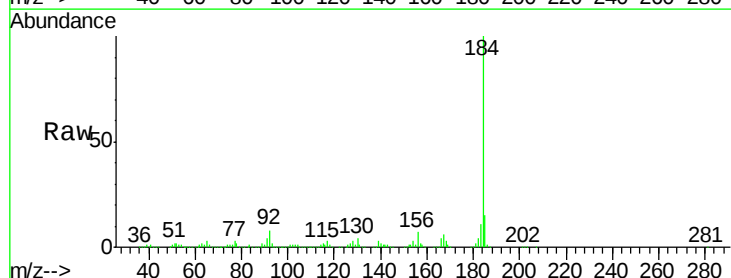
Tgt Ion:184 Resp: 1143313

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

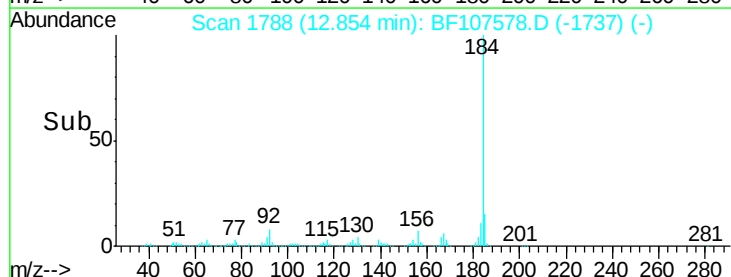
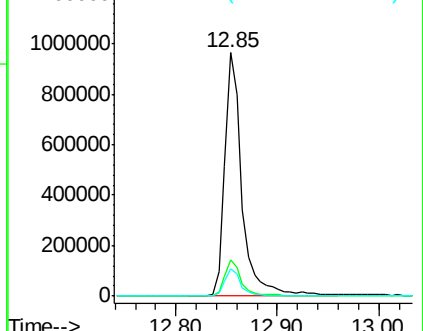
183 11.2 9.3 13.9

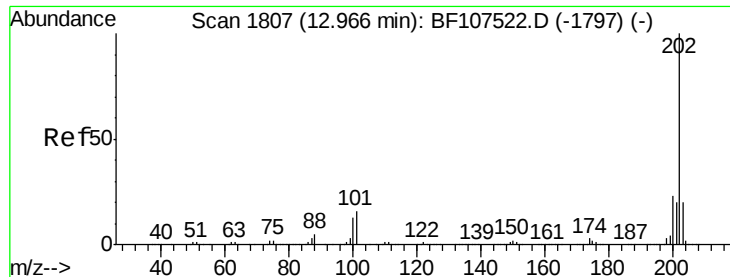


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



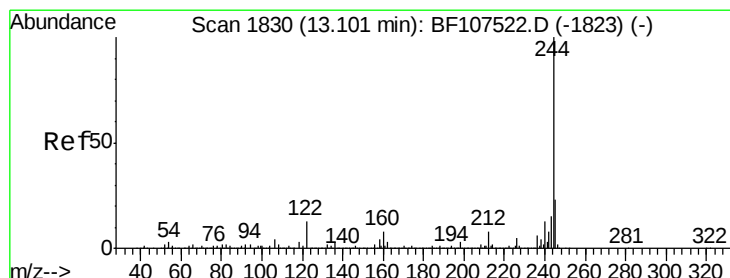
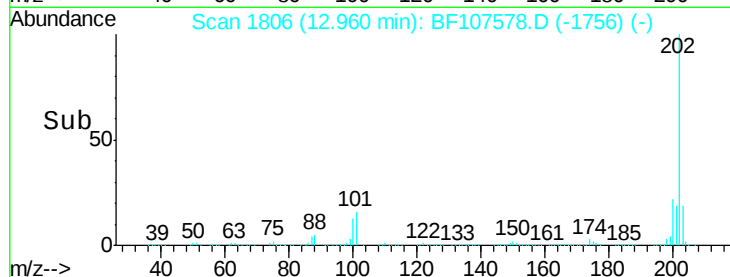
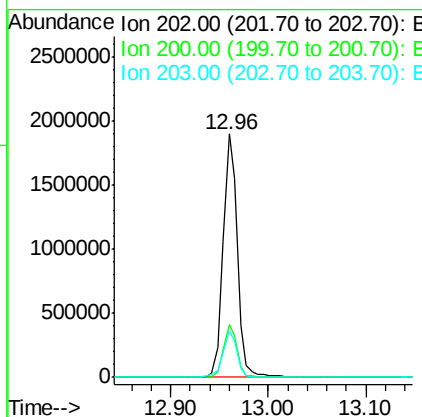
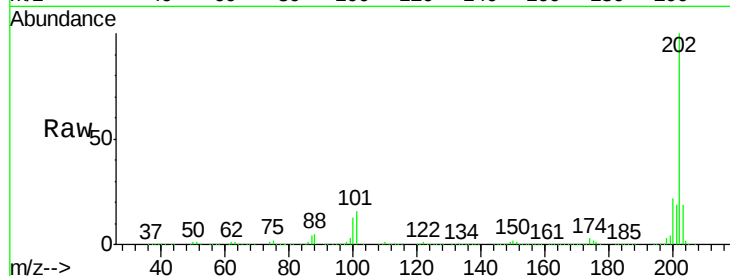


#77
 Pyrene
 Concen: 43.317 ng
 RT: 12.96 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Tgt Ion: 202 Resp: 1916462

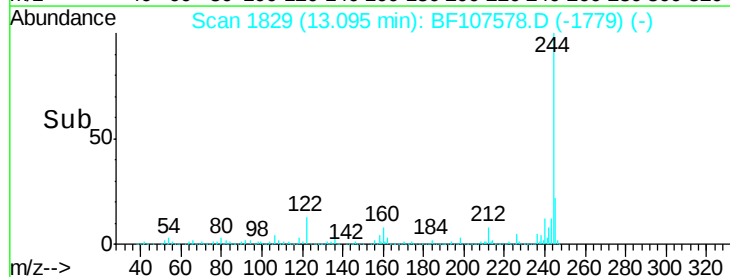
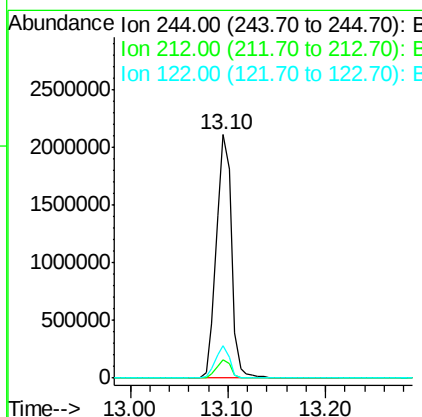
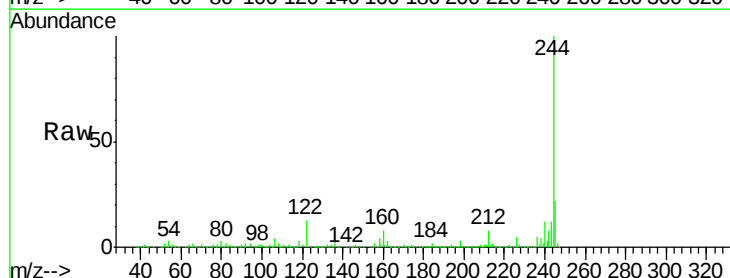
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	19.2	14.3	21.5

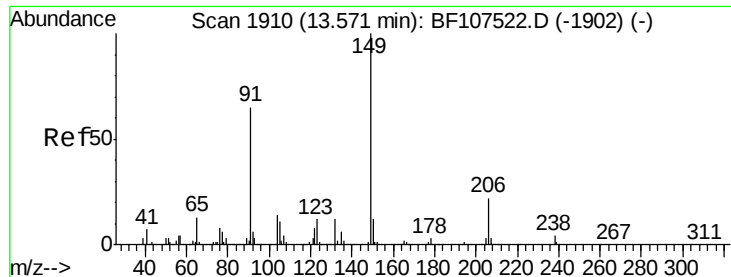


#78
 Terphenyl-d14
 Concen: 90.002 ng
 RT: 13.10 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion: 244 Resp: 2273922

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	13.2	11.0	16.4

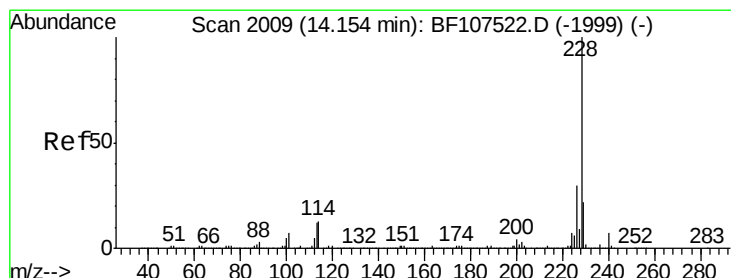
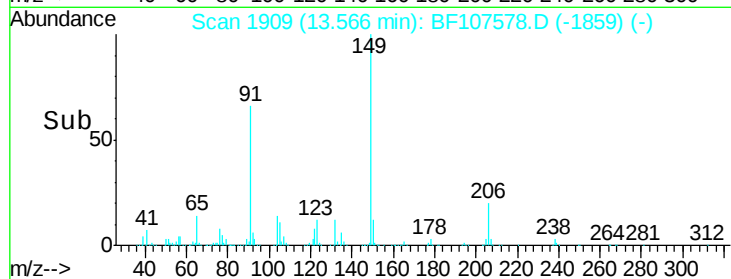
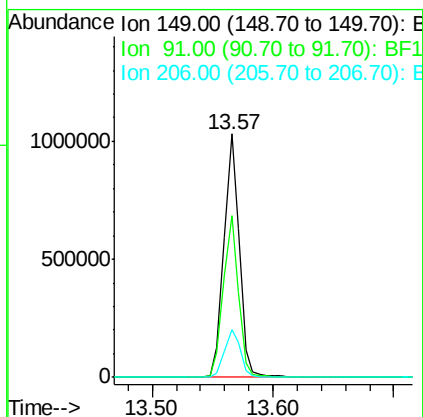
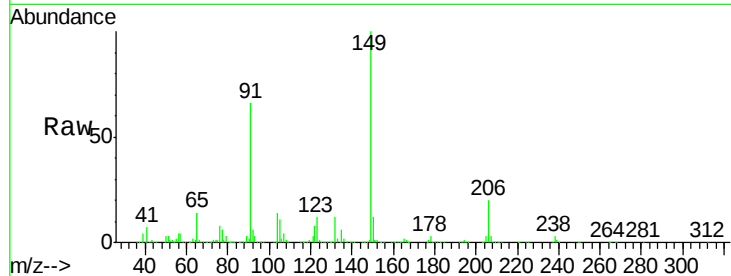




#79
Butylbenzylphthalate
Concen: 47.761 ng
RT: 13.57 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

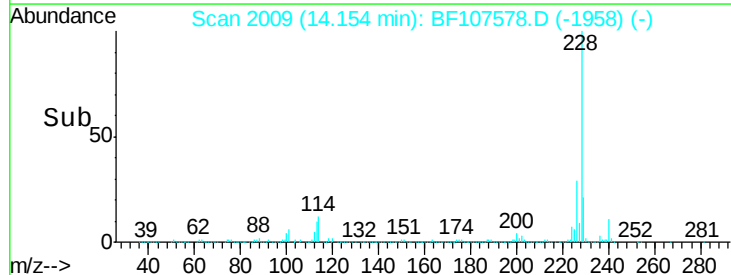
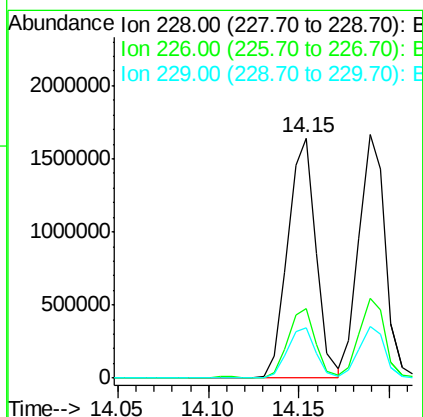
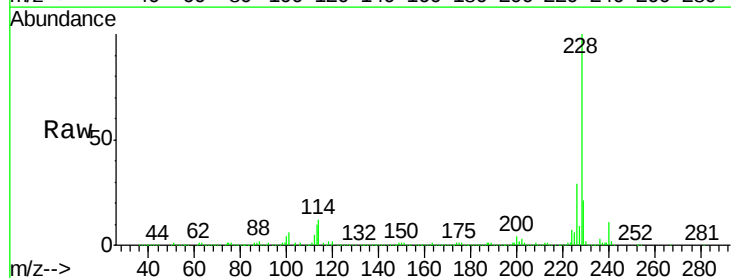
Instrument :
BNA_F
ClientSampleId :
PB111309BSD

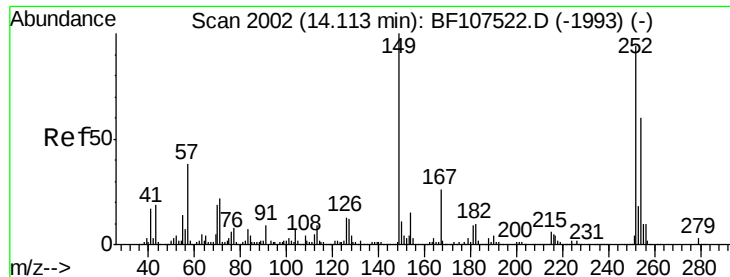
Tgt Ion:149 Resp: 908746
Ion Ratio Lower Upper
149 100
91 66.5 56.8 85.2
206 19.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 47.290 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion:228 Resp: 1792500
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 20.8 15.8 23.6

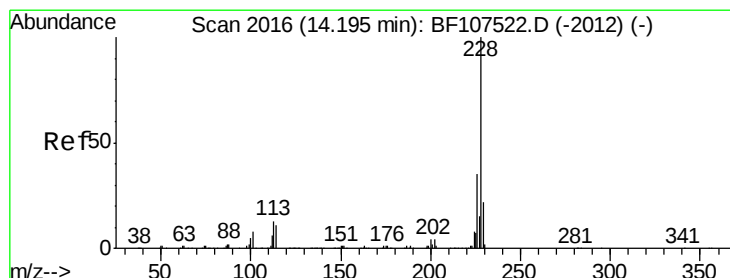
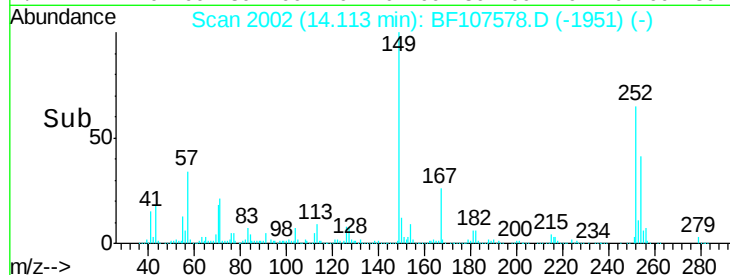
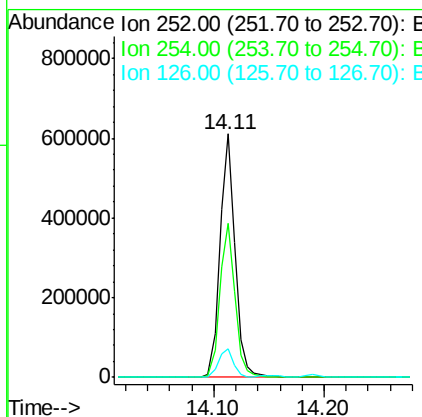
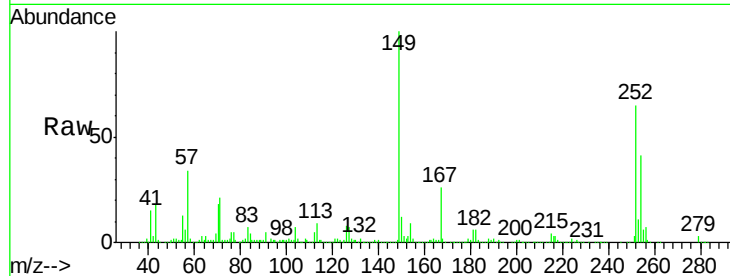




#81
 3,3'-Dichlorobenzidine
 Concen: 55.461 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

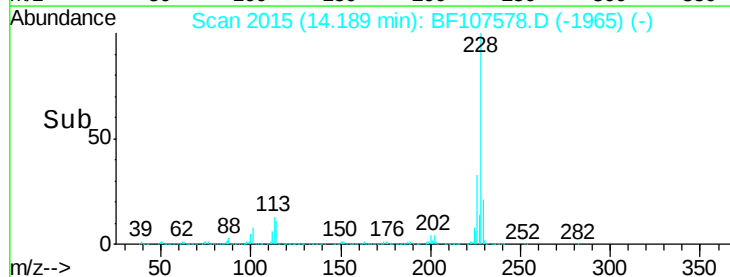
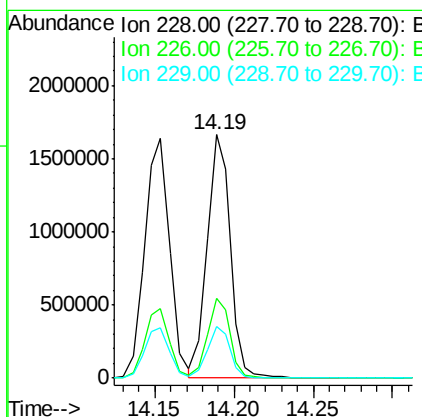
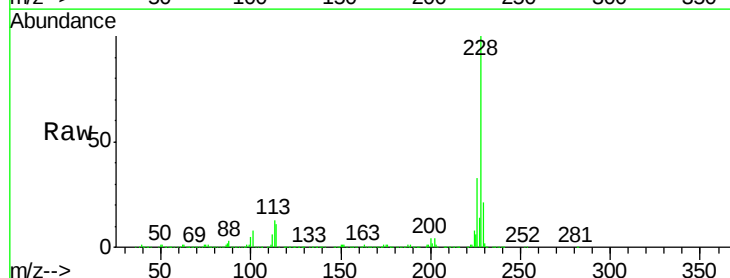
Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

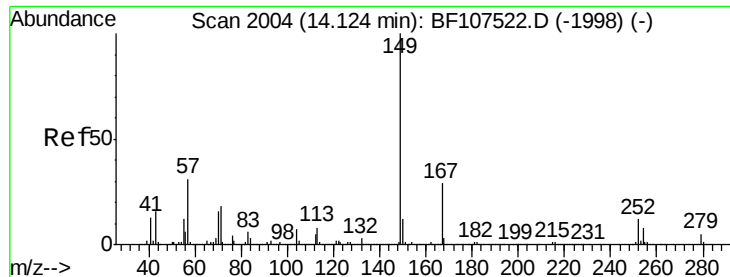
Tgt Ion: 252 Resp: 582916
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.4 75.6
 126 11.9 11.3 16.9



#82
 Chrysene
 Concen: 46.628 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion: 228 Resp: 1697760
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.0 37.6
 229 21.1 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.163 ng

RT: 14.12 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

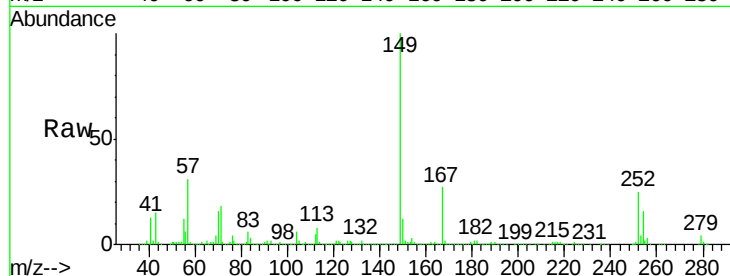
Tgt Ion:149 Resp: 1185621

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

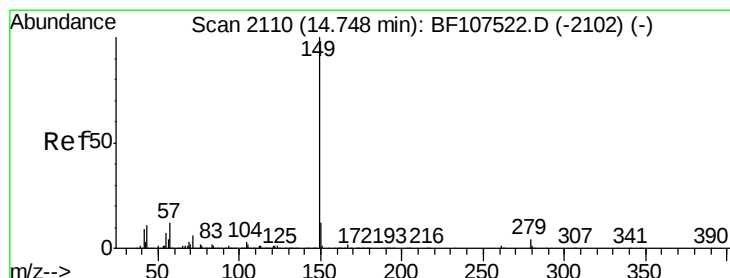
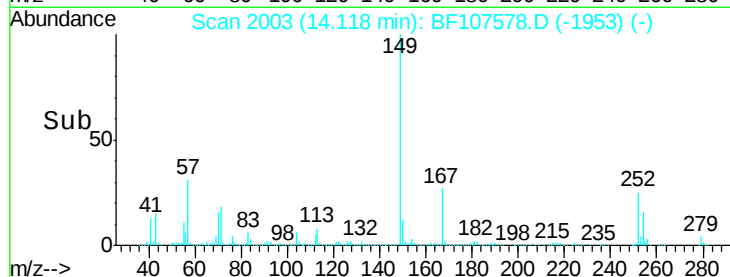
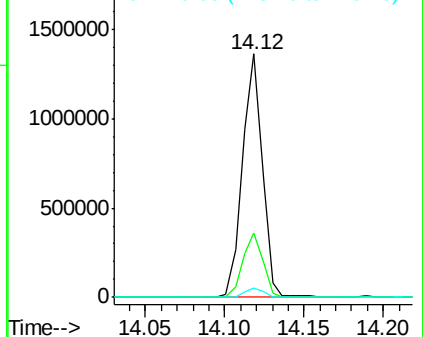
279 3.9 3.0 4.4



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: 49.926 ng

RT: 14.74 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

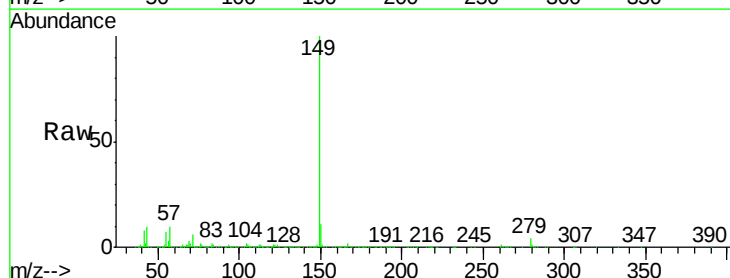
Tgt Ion:149 Resp: 2083374

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

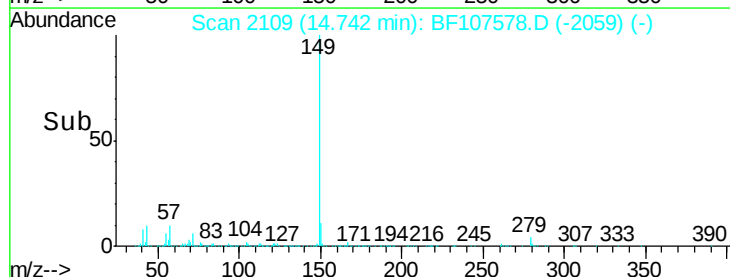
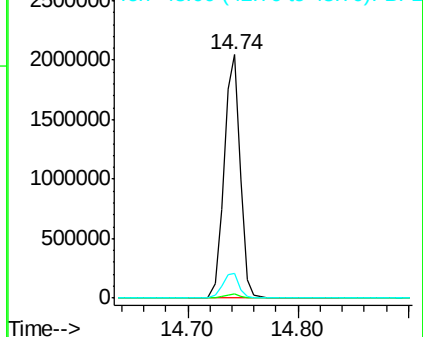
43 10.4 8.4 12.6

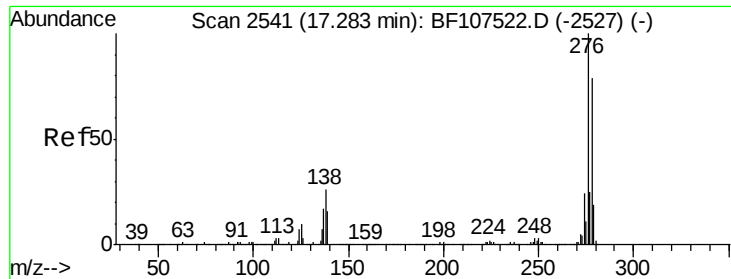


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

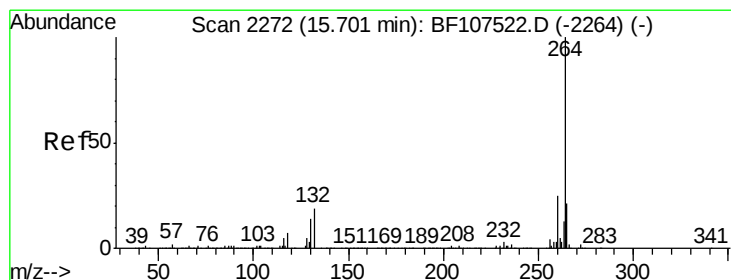
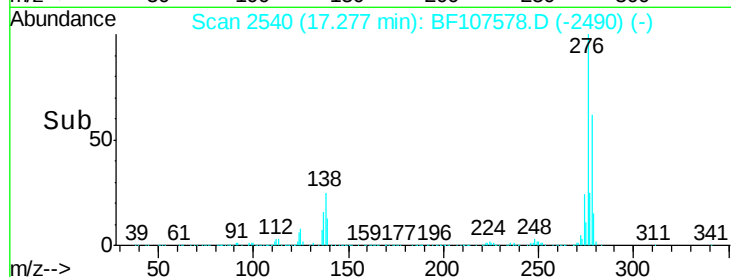
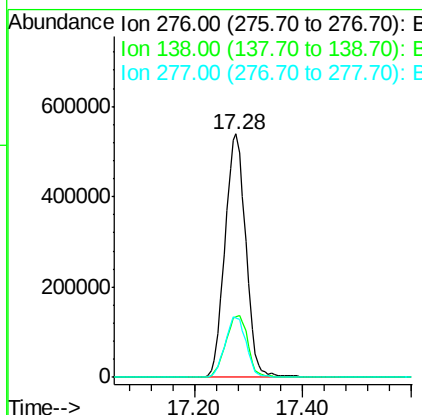
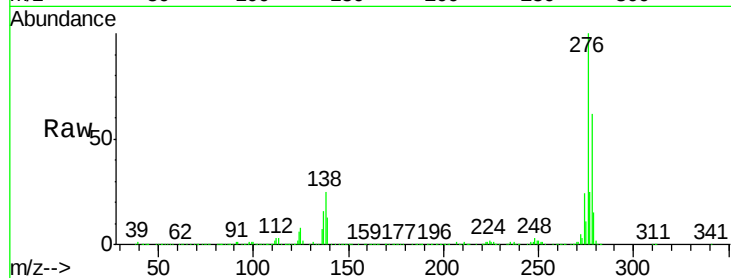




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.866 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

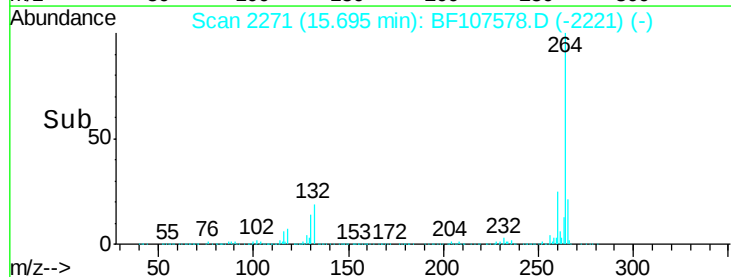
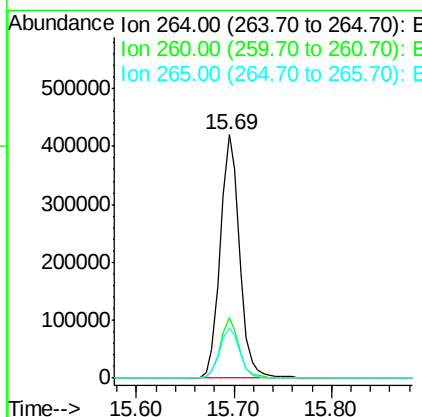
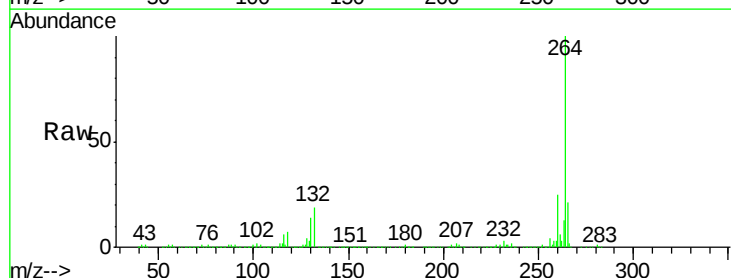
Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

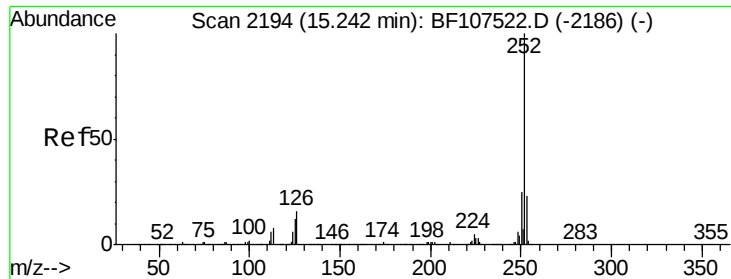
Tgt Ion:276 Resp: 1477128
 Ion Ratio Lower Upper
 276 100
 138 27.2 25.0 37.6
 277 25.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion:264 Resp: 577727
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 20.8 17.5 26.3

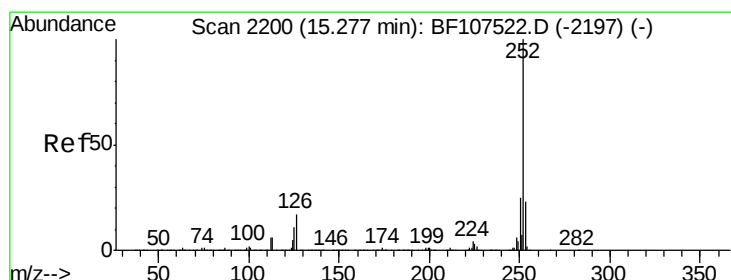
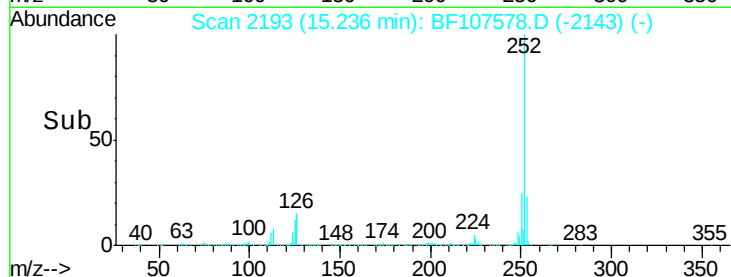
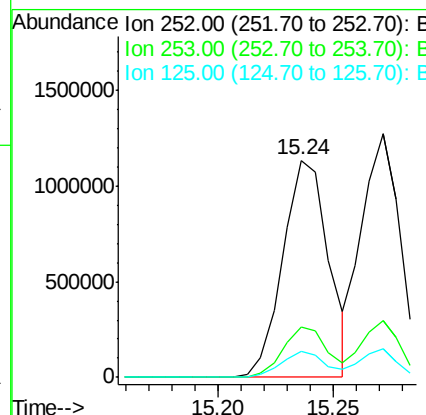
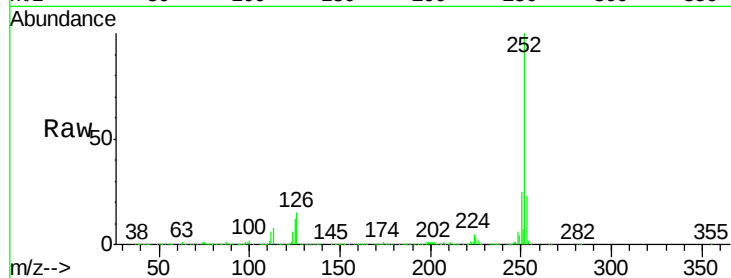




#87
Benzo(b)fluoranthene
Concen: 49.289 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

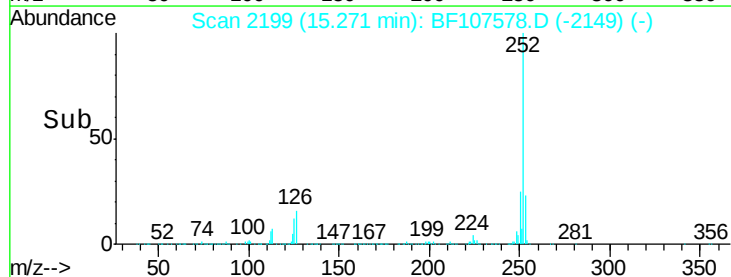
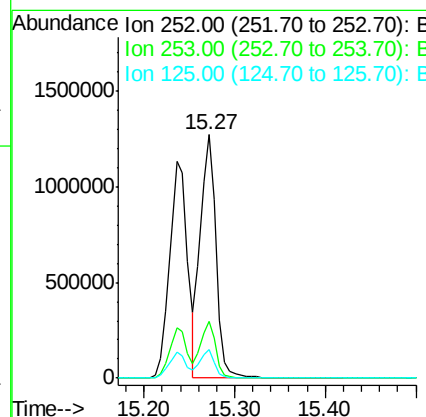
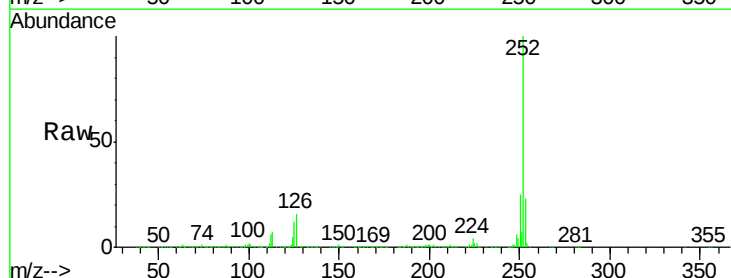
Instrument :
BNA_F
ClientSampleId :
PB111309BSD

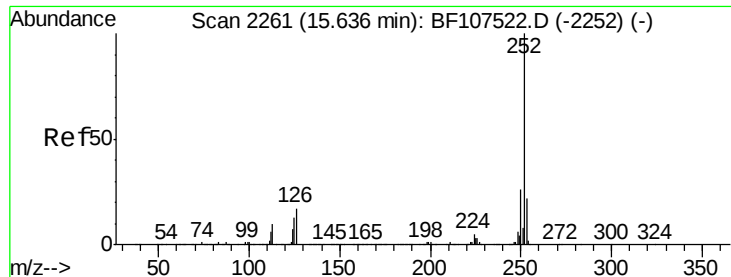
Tgt Ion:252 Resp: 1558432
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 11.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 49.222 ng
RT: 15.27 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion:252 Resp: 1524748
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 11.6 10.2 15.2





#89

Benzo(a)pyrene

Concen: 49.629 ng

RT: 15.63 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

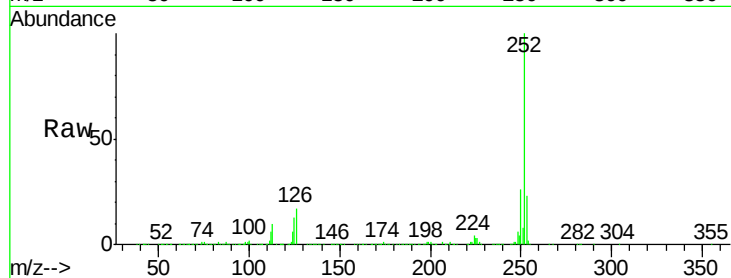
Tgt Ion:252 Resp: 1435372

Ion Ratio Lower Upper

252 100

253 23.3 17.1 25.7

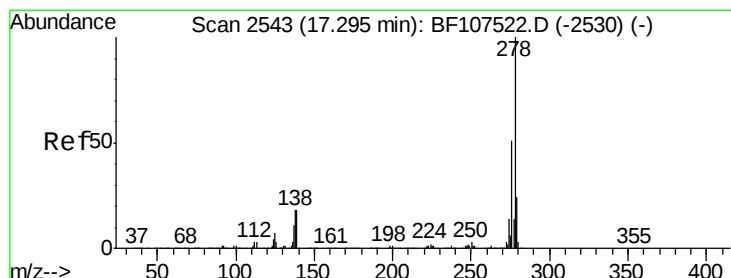
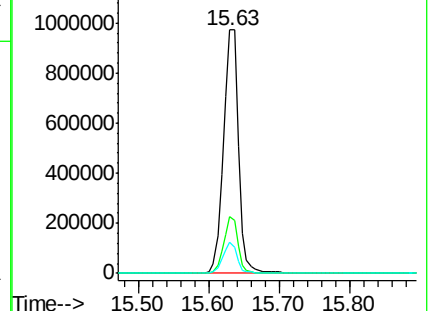
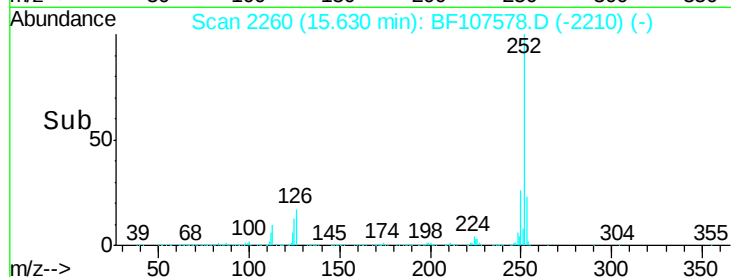
125 12.9 9.8 14.6



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: 49.687 ng

RT: 17.29 min Scan# 2543

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

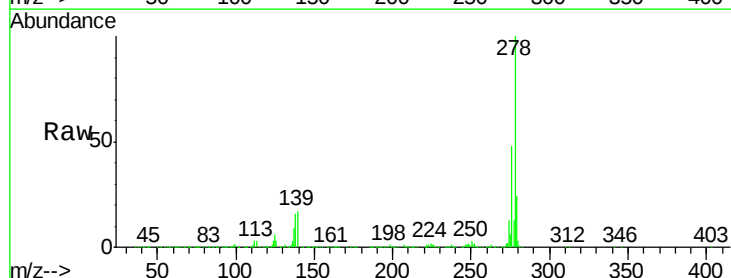
Tgt Ion:278 Resp: 1242243

Ion Ratio Lower Upper

278 100

139 17.5 15.9 23.9

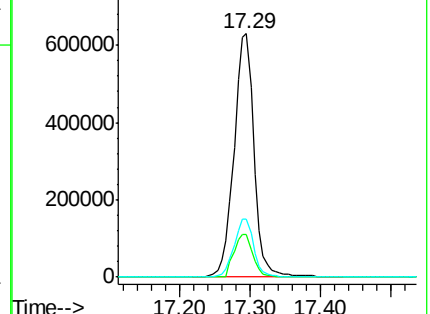
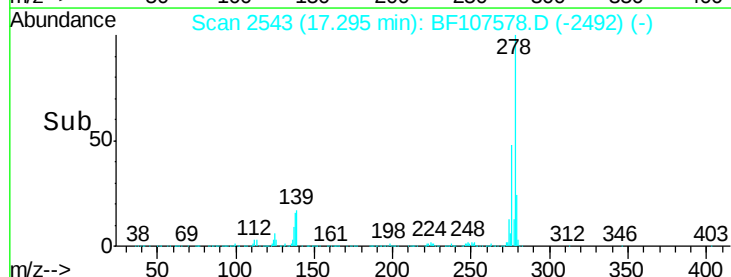
279 23.9 19.0 28.4

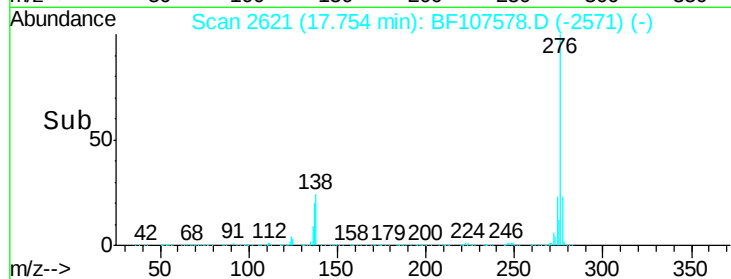
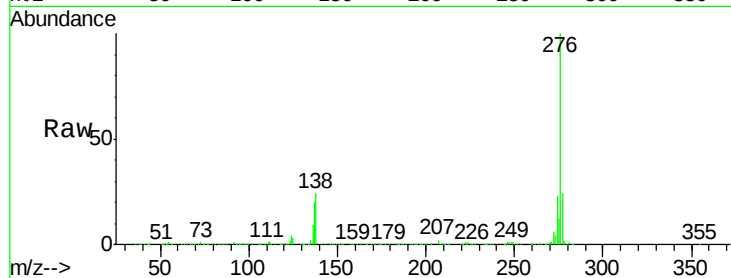
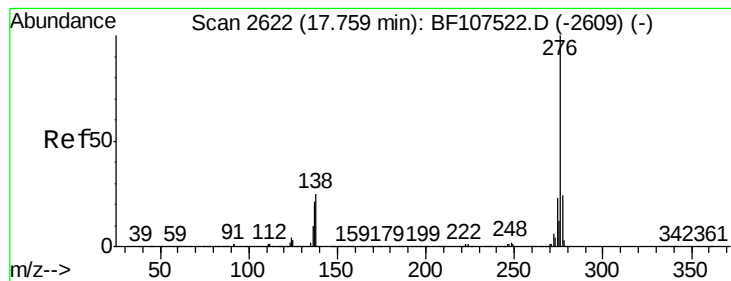


Abundance Ion 278.00 (277.70 to 278.70): E

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: 48.807 ng

RT: 17.75 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

Tgt Ion:276 Resp: 1203626

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 23.6 21.8 32.8

