

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
 Data File : BF107162.D
 Acq On : 6 Jul 2018 9:35
 Operator : JU/SJ
 Sample : PB110854BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

Quant Time: Jul 06 10:58:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	61136	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	228577	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	108143	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	178907	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	152715	20.00	ng	-0.03
86) Perylene-d12	15.67	264	120210	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	309518	85.73	ng	0.00
7) Phenol-d6	6.60	99	378530	83.96	ng	-0.02
23) Nitrobenzene-d5	7.52	82	352093	85.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	104055	83.02	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	640317	103.42	ng	-0.02
78) Terphenyl-d14	13.07	244	589324	93.48	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	60228	32.447	ng	97
3) Pyridine	3.62	79	185506	36.851	ng	97
4) n-Nitrosodimethylamine	3.60	42	74883	35.023	ng	80
6) Aniline	6.61	93	155698	25.457	ng	# 45
8) 2-Chlorophenol	6.74	128	172909	43.664	ng	97
9) Benzaldehyde	6.50	77	85706	25.255	ng	99
10) Phenol	6.61	94	211148	41.035	ng	82
11) bis(2-Chloroethyl)ether	6.68	93	169280	39.850	ng	98
12) 1,3-Dichlorobenzene	6.89	146	197574	42.599	ng	98
13) 1,4-Dichlorobenzene	6.97	146	198981	42.435	ng	97
14) 1,2-Dichlorobenzene	7.12	146	182911	42.564	ng	97
15) Benzyl Alcohol	7.10	79	140911	38.922	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	235944	42.334	ng	53
17) 2-Methylphenol	7.21	107	145620	42.970	ng	# 88
18) Hexachloroethane	7.45	117	61919	37.551	ng	# 86
19) n-Nitroso-di-n-propylamine	7.36	70	118609	39.909	ng	93
20) 3+4-Methylphenols	7.37	107	185017	53.317	ng	91
22) Acetophenone	7.35	105	237008	46.346	ng	# 98
24) Nitrobenzene	7.54	77	182689	43.505	ng	98
25) Isophorone	7.77	82	339736	46.874	ng	98
26) 2-Nitrophenol	7.85	139	90498	45.652	ng	98
27) 2,4-Dimethylphenol	7.88	122	156406	51.046	ng	97
28) bis(2-Chloroethoxy)methane	7.97	93	218757	44.953	ng	98
29) 2,4-Dichlorophenol	8.10	162	154333	48.112	ng	95
30) 1,2,4-Trichlorobenzene	8.17	180	169713	48.026	ng	96
31) Naphthalene	8.25	128	488113	45.675	ng	99
32) Benzoic acid	8.02	122	77213	36.239	ng	98
33) 4-Chloroaniline	8.30	127	78423	17.489	ng	98
34) Hexachlorobutadiene	8.35	225	112046	48.661	ng	99
35) Caprolactam	8.68	113	47379	45.310	ng	94
36) 4-Chloro-3-methylphenol	8.80	107	153805	45.552	ng	95
37) 2-Methylnaphthalene	8.94	142	352167	49.717	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	185656	50.978	ng	# 96
40) Hexachlorocyclopentadiene	9.09	237	8838	4.717	ng	94

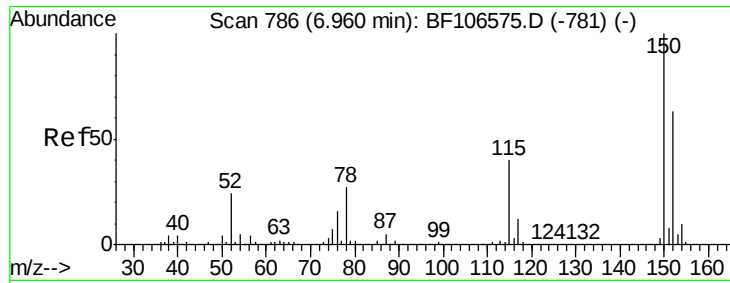
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	105187	43.451	ng	92
43) 2,4,5-Trichlorophenol	9.28	196	106866	42.305	ng	# 86
45) 1,1'-Biphenyl	9.41	154	423778	49.171	ng	98
46) 2-Chloronaphthalene	9.44	162	305179	44.985	ng	95
47) 2-Nitroaniline	9.54	65	94381	41.373	ng	98
48) Acenaphthylene	9.85	152	467088	43.610	ng	99
49) Dimethylphthalate	9.70	163	366198	45.149	ng	98
50) 2,6-Dinitrotoluene	9.78	165	79740	46.428	ng	89
51) Acenaphthene	10.02	154	278300	41.263	ng	97
52) 3-Nitroaniline	9.95	138	52526	26.577	ng	94
53) 2,4-Dinitrophenol	10.07	184	21965	28.305	ng	# 16
54) Dibenzofuran	10.20	168	418057	45.267	ng	97
55) 4-Nitrophenol	10.14	139	65221	47.277	ng	97
56) 2,4-Dinitrotoluene	10.19	165	96904	43.226	ng	90
57) Fluorene	10.54	166	320751	43.767	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	88410	44.029	ng	# 74
59) Diethylphthalate	10.40	149	335468	42.853	ng	# 93
60) 4-Chlorophenyl-phenylether	10.52	204	176781	46.103	ng	# 86
61) 4-Nitroaniline	10.57	138	62973	32.105	ng	94
62) Azobenzene	10.69	77	308635	40.036	ng	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	24126	21.816	ng	# 73
65) n-Nitrosodiphenylamine	10.65	169	283288	47.077	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	112774	52.818	ng	# 79
67) Hexachlorobenzene	11.09	284	111547	49.915	ng	# 85
68) Atrazine	11.17	200	99358	51.938	ng	94
69) Pentachlorophenol	11.30	266	46736	41.914	ng	98
70) Phenanthrene	11.51	178	422037	48.909	ng	99
71) Anthracene	11.56	178	426612	48.436	ng	99
72) Carbazole	11.72	167	367163	44.525	ng	97
73) Di-n-butylphthalate	12.02	149	466736	48.044	ng	99
74) Fluoranthene	12.70	202	428578	45.062	ng	97
76) Benzidine	12.82	184	258098	59.343	ng	97
77) Pyrene	12.94	202	430965	42.795	ng	99
79) Butylbenzylphthalate	13.53	149	169147	40.852	ng	# 96
80) Benzo(a)anthracene	14.12	228	431968	46.410	ng	99
81) 3,3'-Dichlorobenzidine	14.08	252	138867	42.451	ng	# 95
82) Chrysene	14.17	228	397825	46.459	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	214949	40.606	ng	# 96
84) Di-n-octyl phthalate	14.71	149	404030	46.825	ng	96
85) Indeno(1,2,3-cd)pyrene	17.25	276	287006	39.496	ng	# 89
87) Benzo(b)fluoranthene	15.24	252	333985	44.726	ng	97
88) Benzo(k)fluoranthene	15.24	252	333985	46.966	ng	# 96
89) Benzo(a)pyrene	15.61	252	319014	48.056	ng	# 97
90) Dibenzo(a,h)anthracene	17.25	278	242539	43.111	ng	# 93
91) Benzo(g,h,i)perylene	17.73	276	237327	43.159	ng	# 90

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

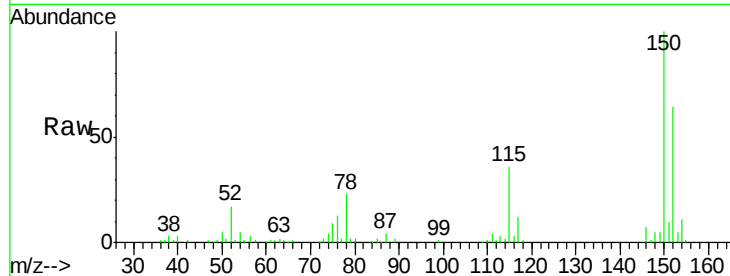


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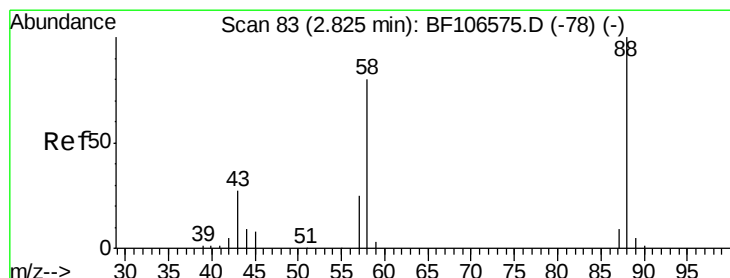
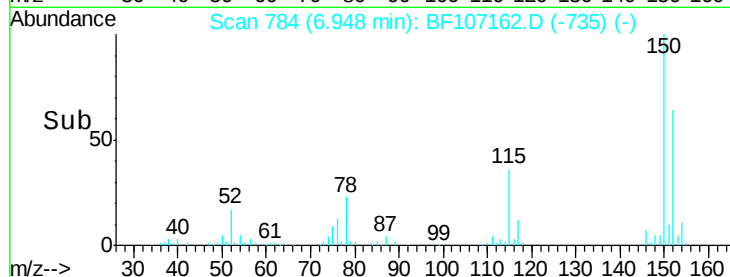
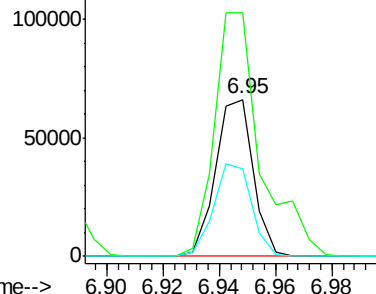
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tgt Ion:152 Resp: 61136
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 56.2 50.1 75.1



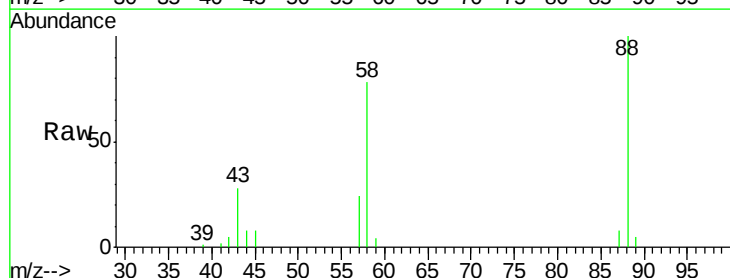
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



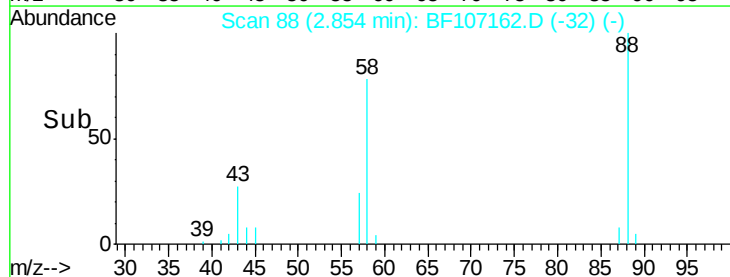
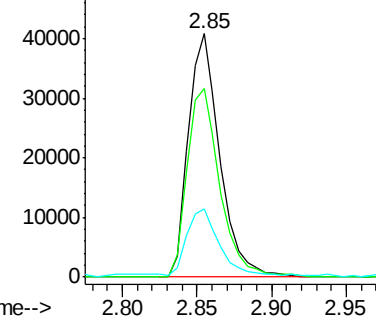
#2

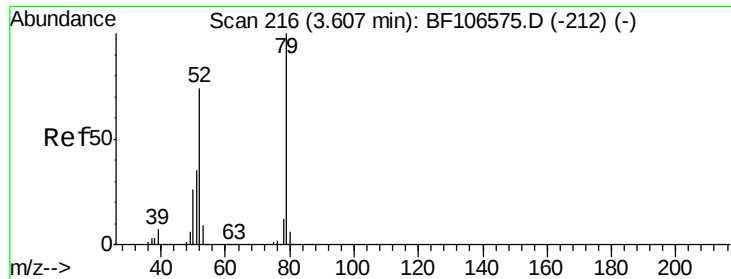
1,4-Dioxane
Concen: 32.447 ng
RT: 2.85 min Scan# 88
Delta R.T. 0.03 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion: 88 Resp: 60228
Ion Ratio Lower Upper
88 100
58 80.4 62.6 93.8
43 28.9 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: 36.851 ng

RT: 3.62 min Scan# 219

Delta R.T. 0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

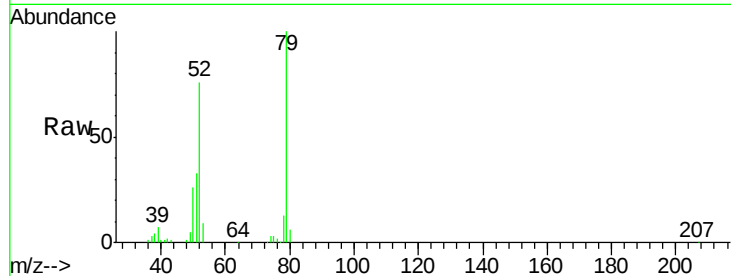
Tgt Ion: 79 Resp: 185506

Ion Ratio Lower Upper

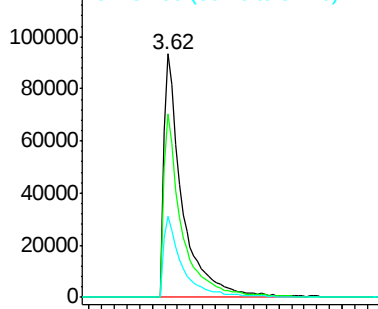
79 100

52 75.6 59.8 89.6

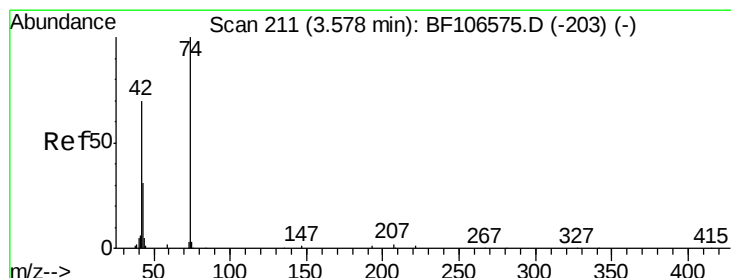
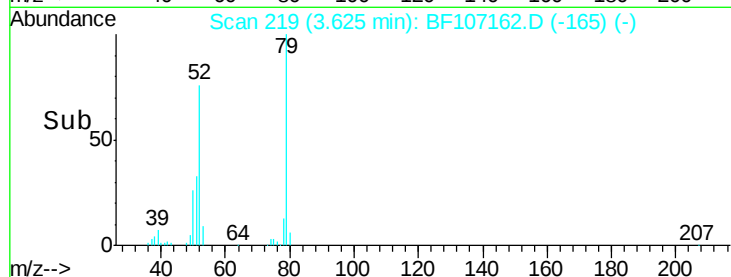
51 33.2 29.8 44.8



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



Time--> 3.50 3.60 3.70 3.80 3.90



#4

n-Nitrosodimethylamine

Concen: 35.023 ng

RT: 3.60 min Scan# 215

Delta R.T. 0.01 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

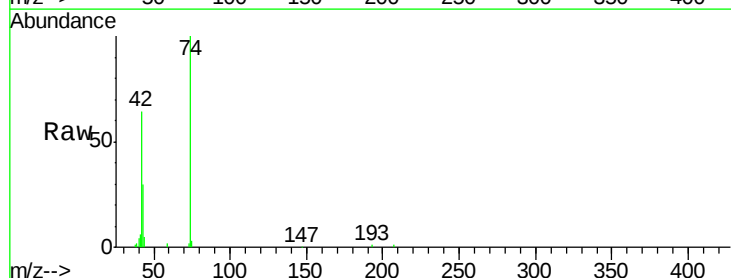
Tgt Ion: 42 Resp: 74883

Ion Ratio Lower Upper

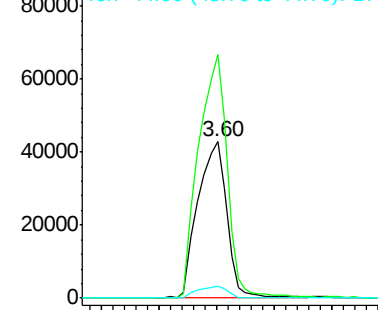
42 100

74 156.0 104.9 157.3

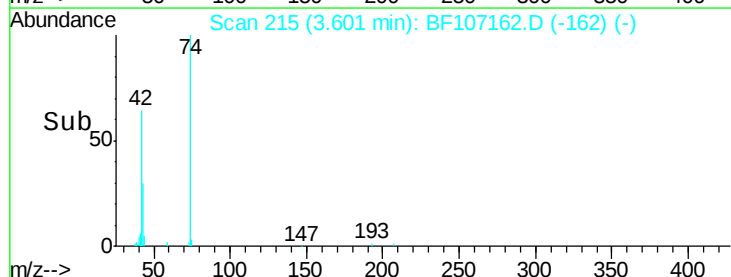
44 7.6 6.9 10.3

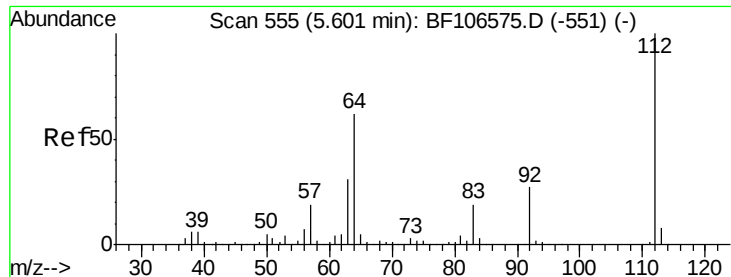


Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1



Time--> 3.50 3.55 3.60 3.65 3.70





#5

2-Fluorophenol

Concen: 85.729 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

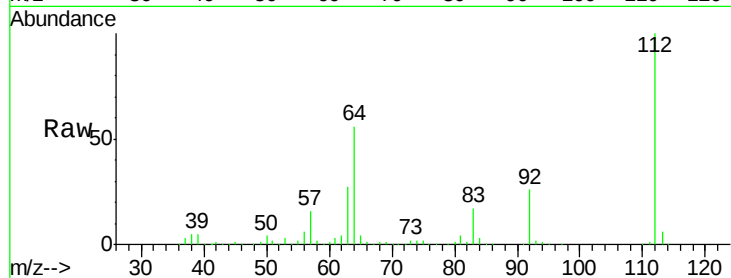
Tgt Ion: 112 Resp: 309518

Ion Ratio Lower Upper

112 100

64 55.7 47.9 71.9

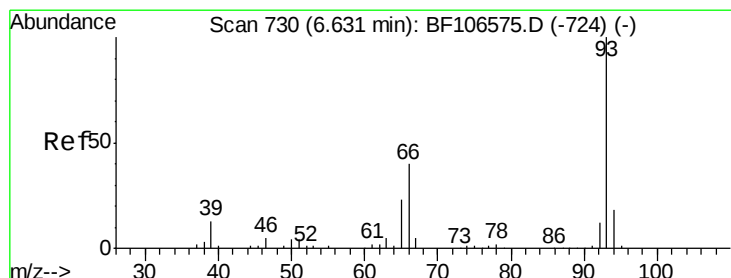
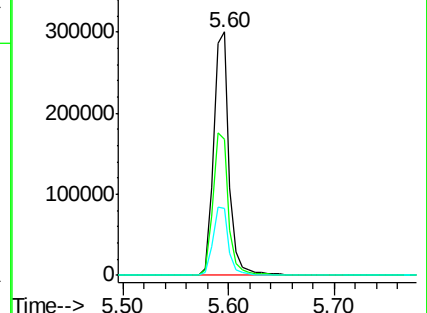
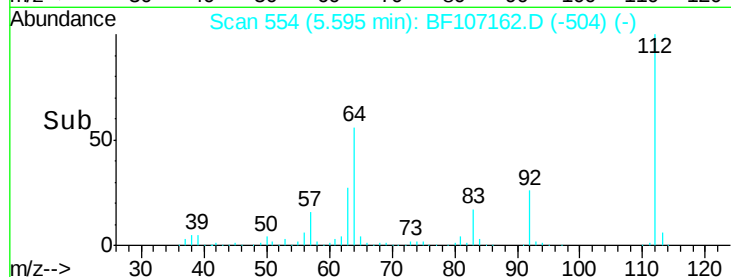
63 27.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.457 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

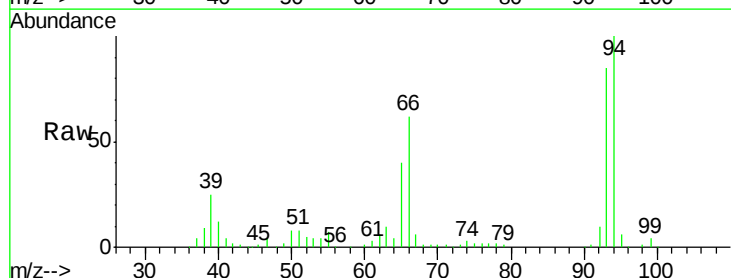
Tgt Ion: 93 Resp: 155698

Ion Ratio Lower Upper

93 100

66 73.1 32.2 48.2#

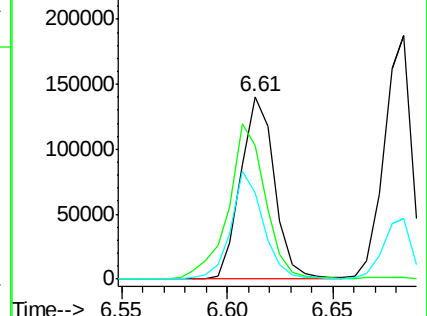
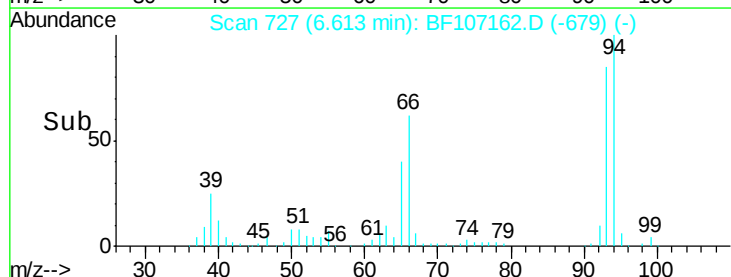
65 47.4 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.955 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

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ClientSampleId :

PB110854BS

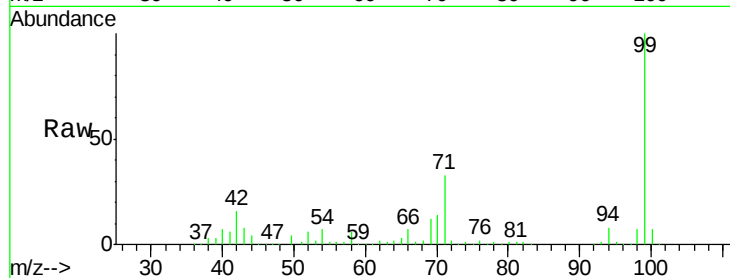
Tgt Ion: 99 Resp: 378530

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

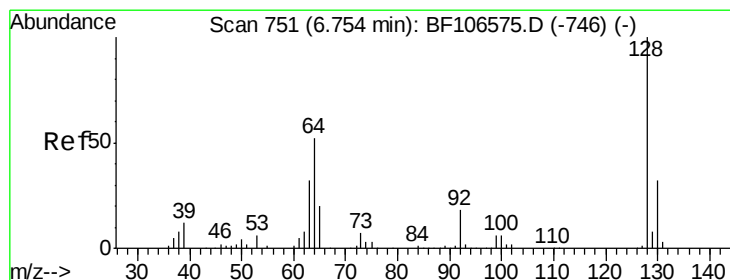
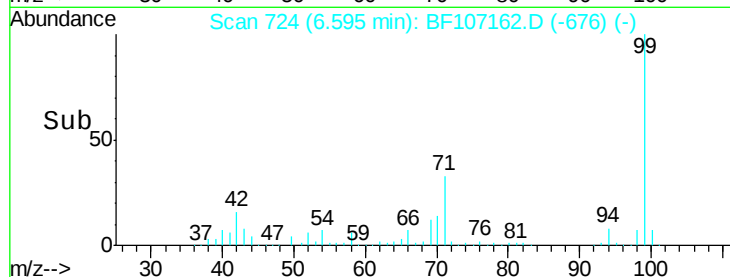
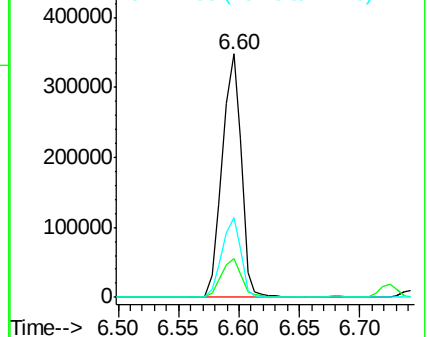
71 32.8 25.4 38.0



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: 43.664 ng

RT: 6.74 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

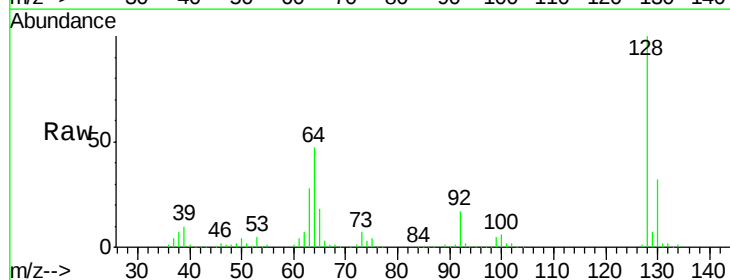
Tgt Ion: 128 Resp: 172909

Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

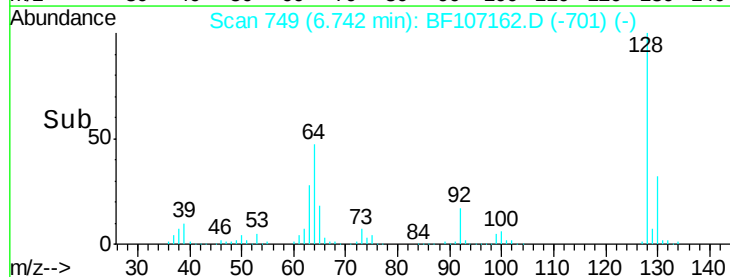
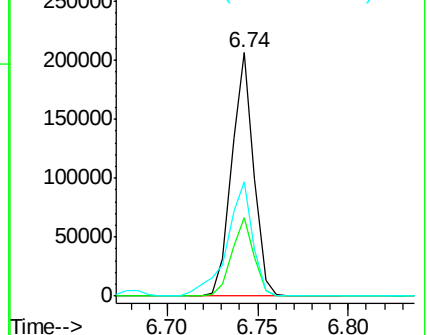
64 46.9 29.4 69.4

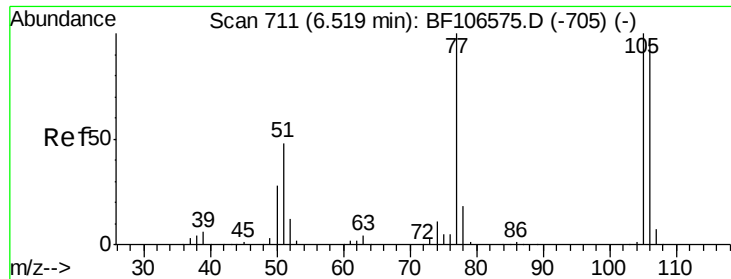


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.255 ng

RT: 6.50 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

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PB110854BS

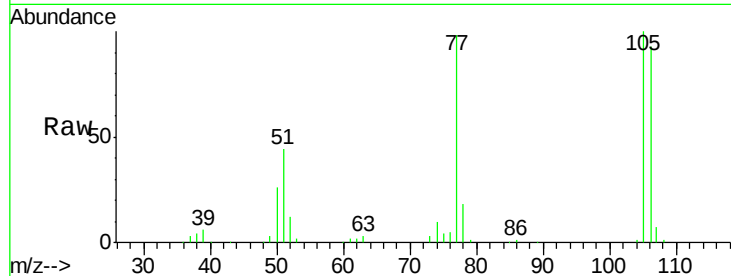
Tgt Ion: 77 Resp: 85706

Ion Ratio Lower Upper

77 100

105 101.9 81.1 121.1

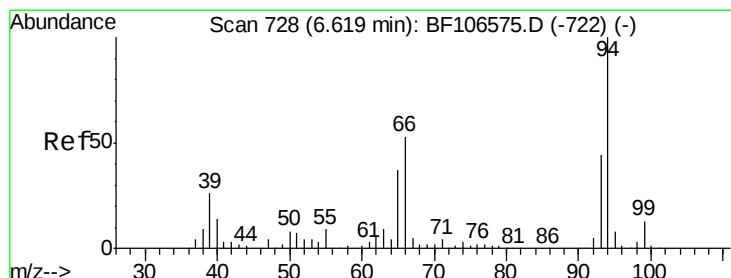
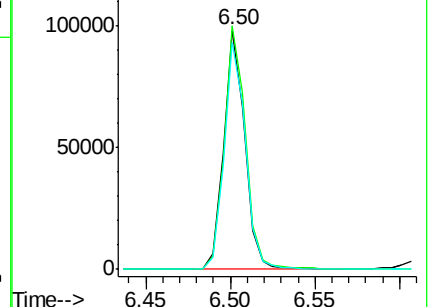
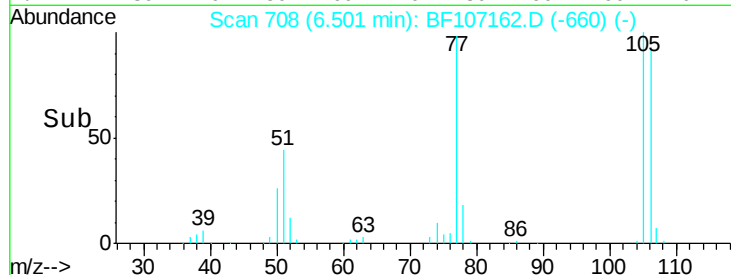
106 95.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.035 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

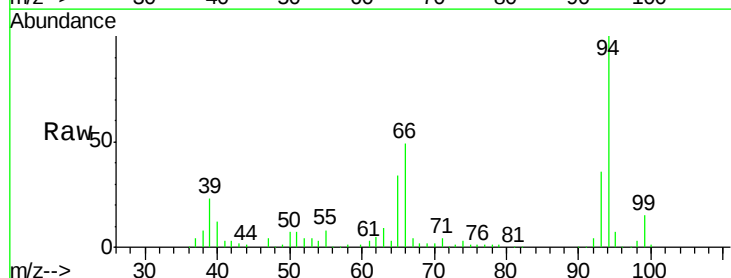
Tgt Ion: 94 Resp: 211148

Ion Ratio Lower Upper

94 100

65 34.3 7.9 47.9

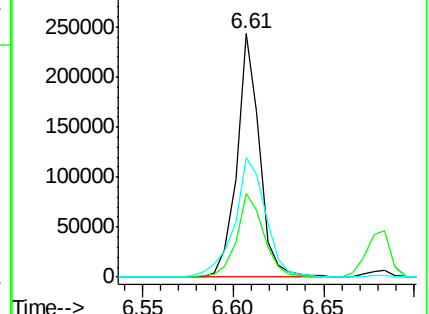
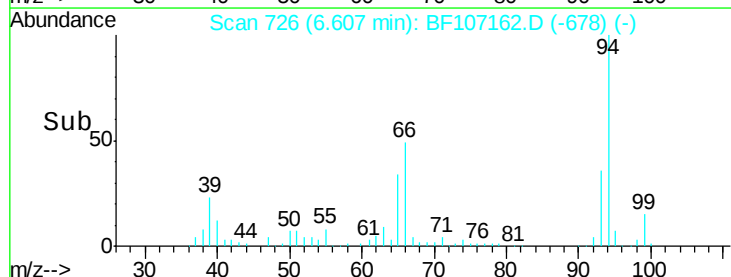
66 49.2 16.2 56.2

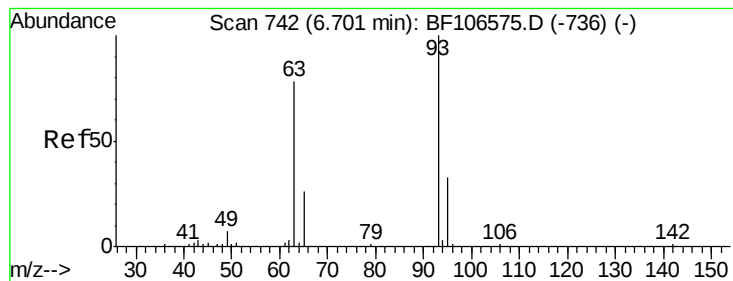


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.850 ng

RT: 6.68 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

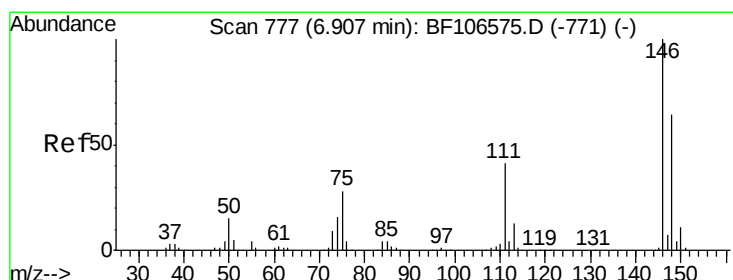
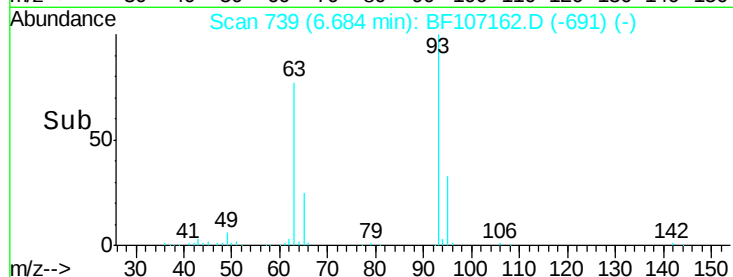
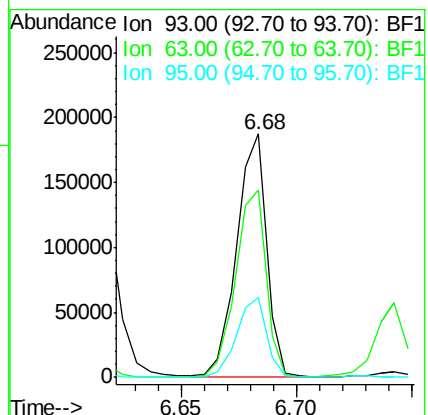
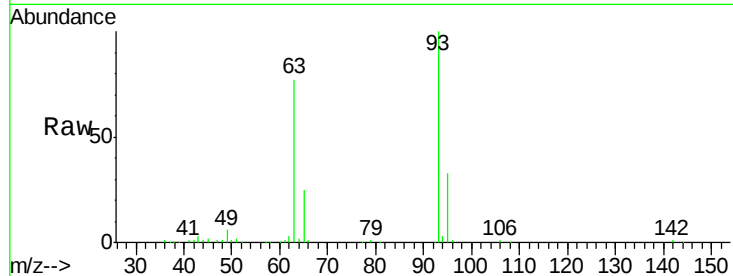
Tgt Ion: 93 Resp: 169280

Ion Ratio Lower Upper

93 100

63 76.9 58.6 98.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 42.599 ng

RT: 6.89 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

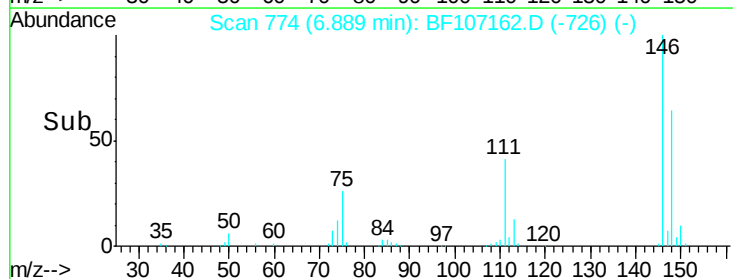
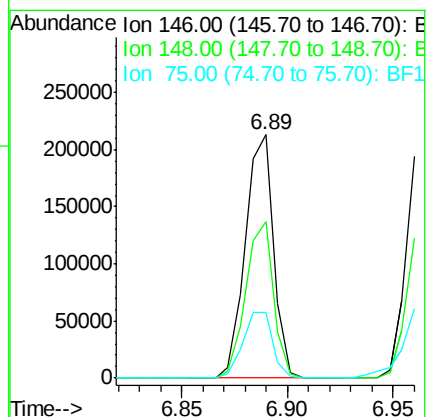
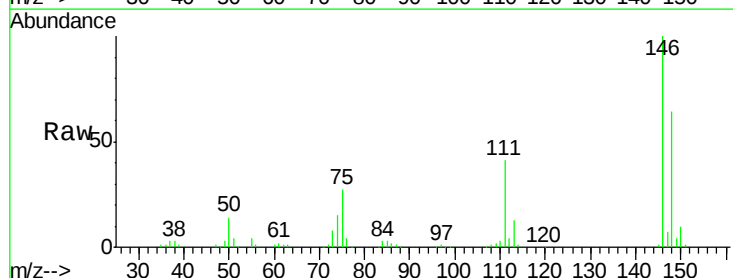
Tgt Ion: 146 Resp: 197574

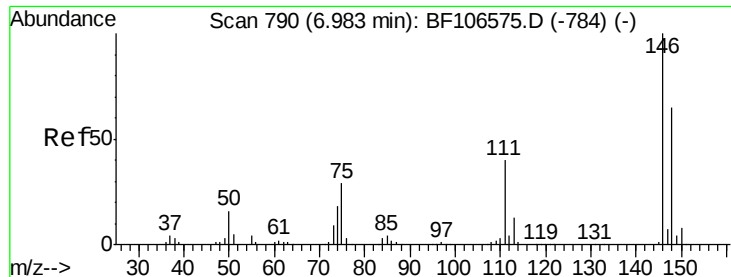
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

75 27.2 24.2 36.4

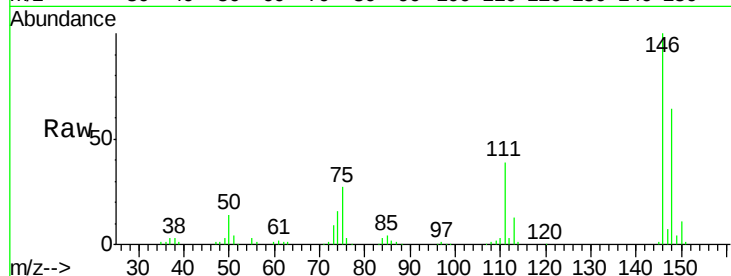




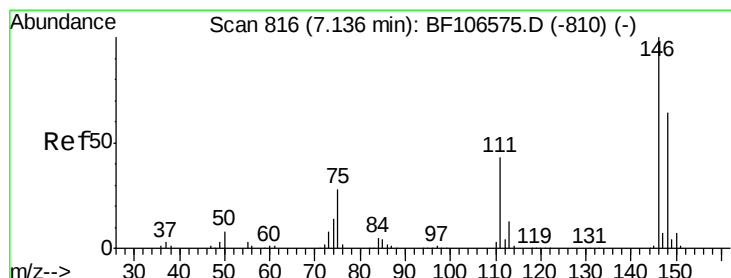
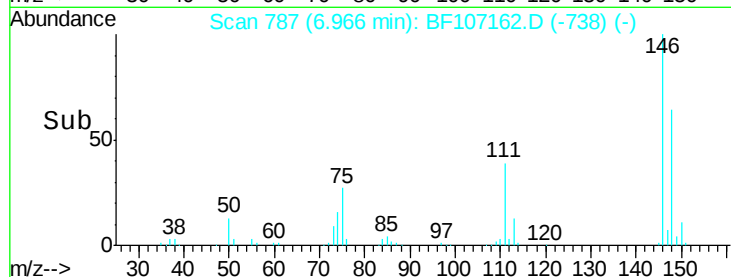
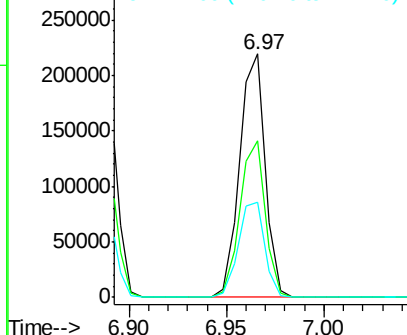
#13
 1,4-Dichlorobenzene
 Concen: 42.435 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

Tgt Ion:146 Resp: 198981
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 39.2 34.2 51.2

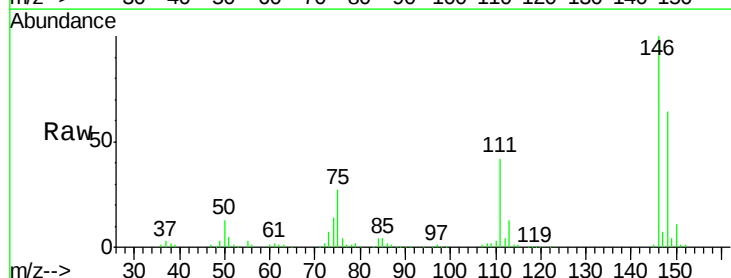


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

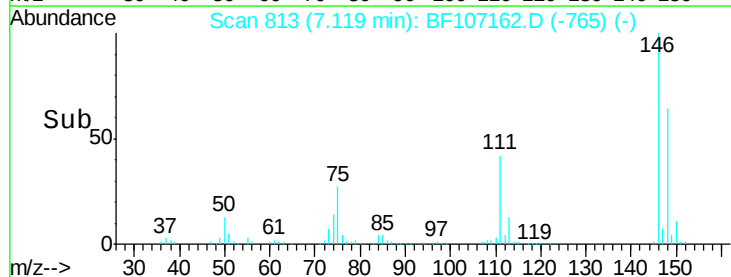
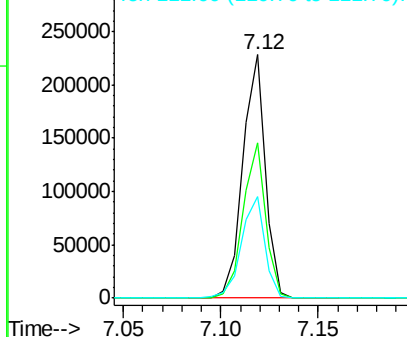


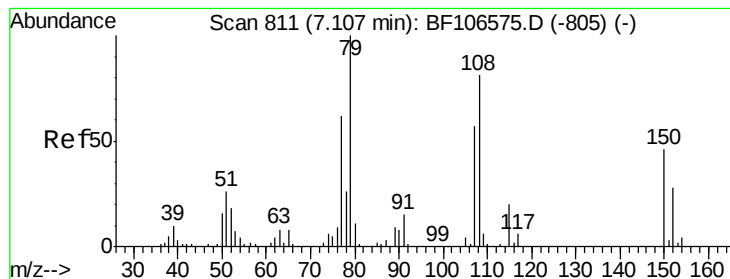
#14
 1,2-Dichlorobenzene
 Concen: 42.564 ng
 RT: 7.12 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion:146 Resp: 182911
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 41.6 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: 38.922 ng

RT: 7.10 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

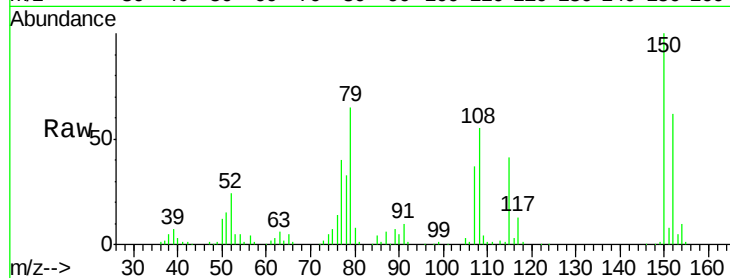
Tgt Ion: 79 Resp: 140911

Ion Ratio Lower Upper

79 100

108 84.0 65.1 97.7

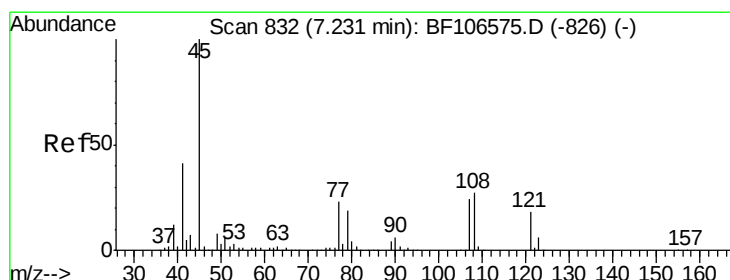
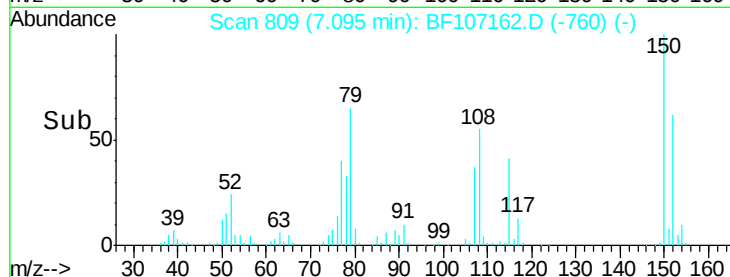
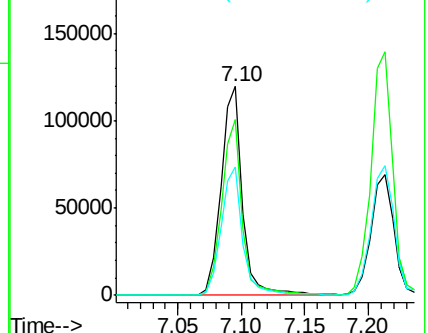
77 61.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.334 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

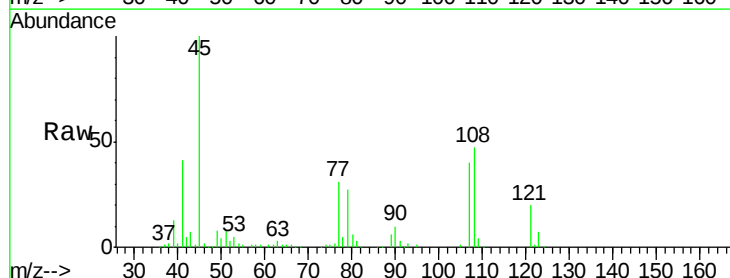
Tgt Ion: 45 Resp: 235944

Ion Ratio Lower Upper

45 100

77 30.8 0.0 32.9

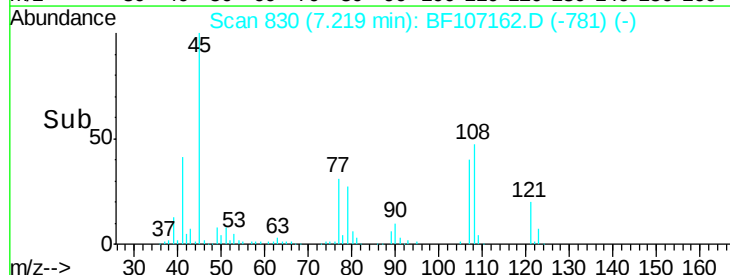
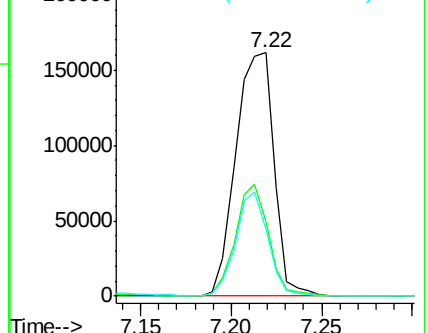
79 27.4 0.0 29.6

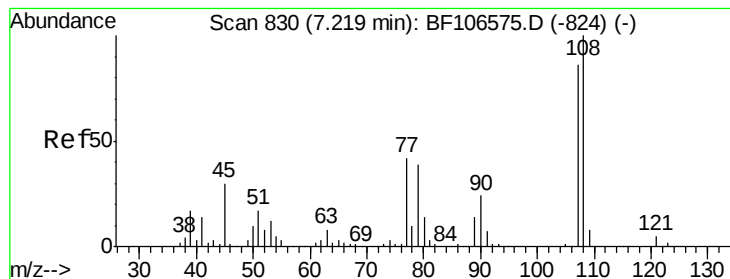


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 42.970 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

Tgt Ion:107 Resp: 145620

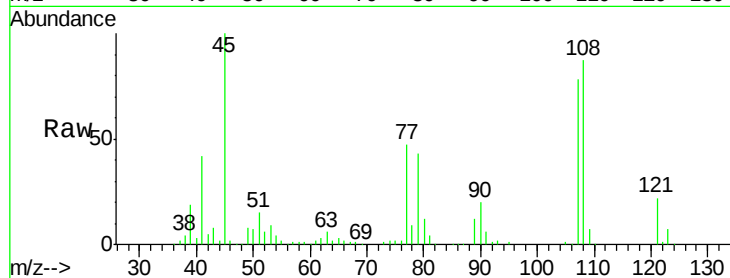
Ion Ratio Lower Upper

107 100

108 111.8 91.7 137.5

77 59.5 33.8 50.8#

79 55.2 33.8 50.8#



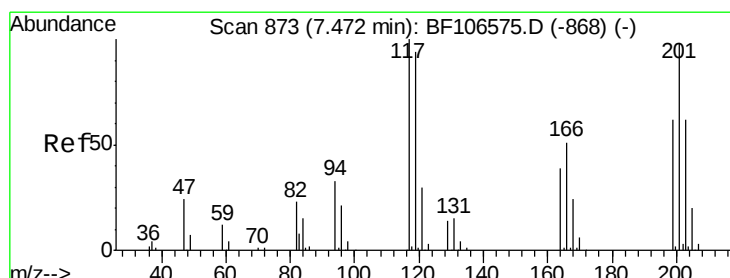
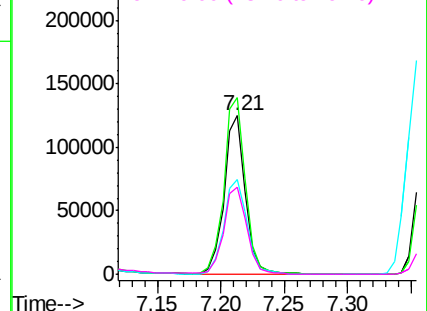
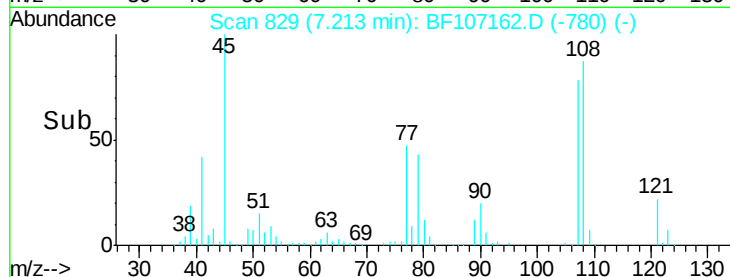
Abundance

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: 37.551 ng

RT: 7.45 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

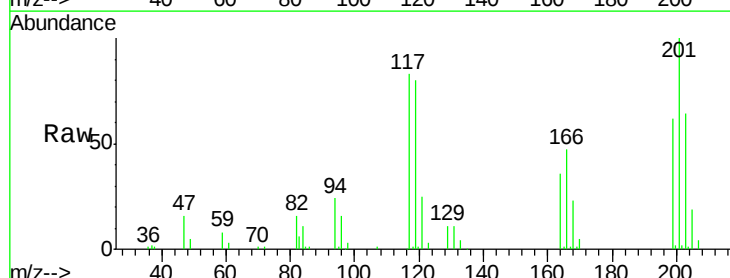
Tgt Ion:117 Resp: 61919

Ion Ratio Lower Upper

117 100

119 96.6 75.8 113.8

201 120.7 75.7 113.5#

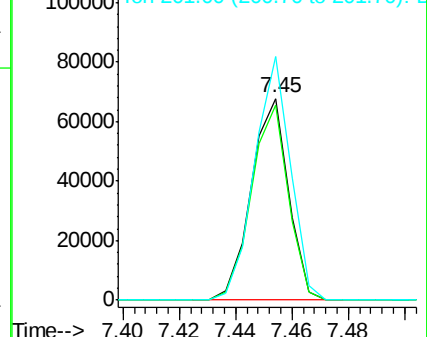
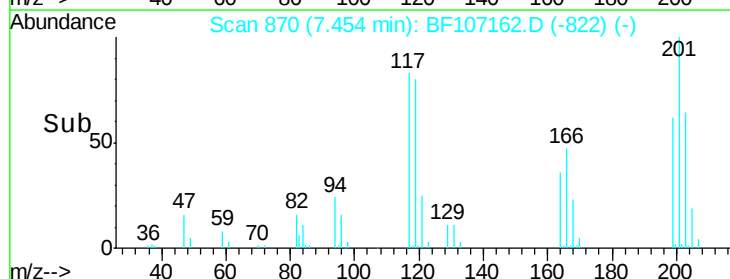


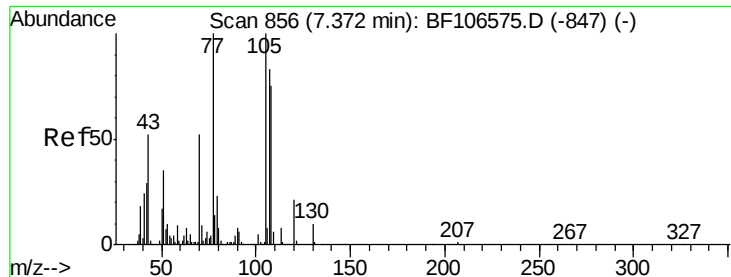
Abundance

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

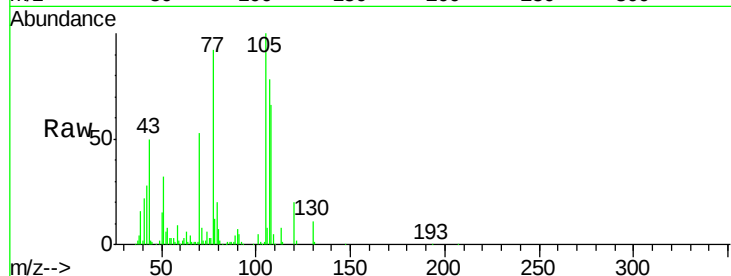




#19
n-Nitroso-di-n-propylamine
Concen: 39.909 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tgt Ion:	70	Resp:	118609
Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.5	71.3
101	10.1	7.4	11.2
130	19.9	16.6	25.0



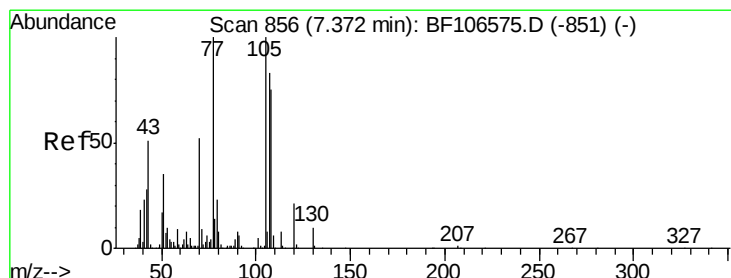
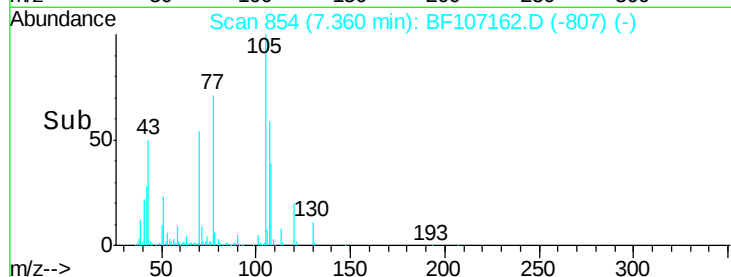
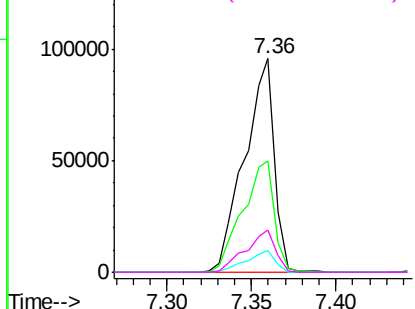
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

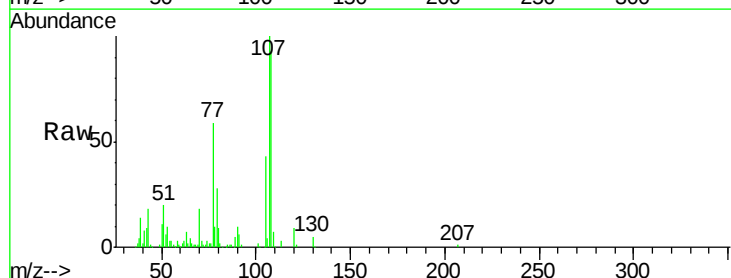
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 53.317 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion:	107	Resp:	185017
Ion	Ratio	Lower	Upper
107	100		
108	92.7	68.2	108.2
77	59.1	26.7	66.7
79	28.1	6.3	46.3



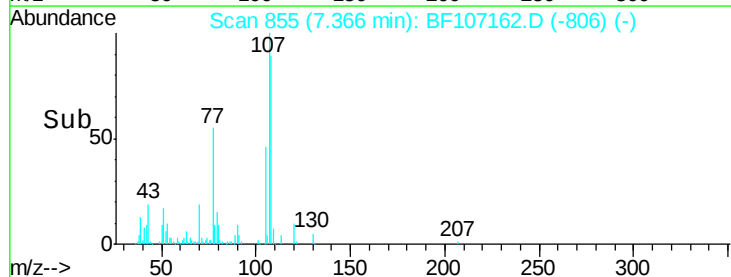
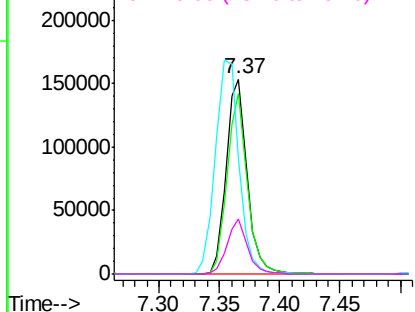
Abundance

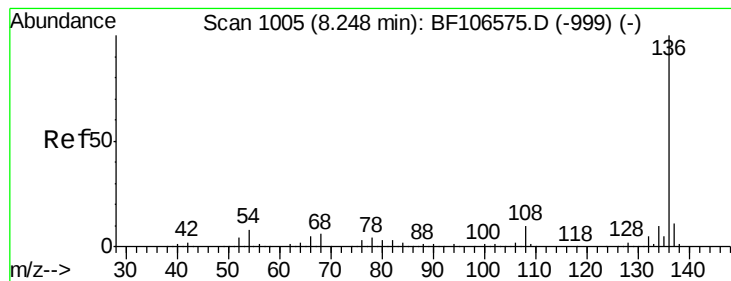
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

Tgt Ion:136 Resp: 228577

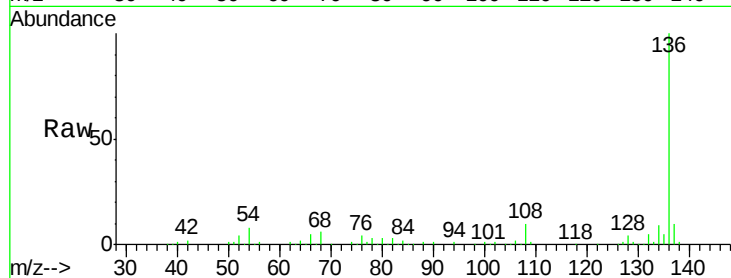
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 8.1 6.6 9.8

68 6.0 5.0 7.4

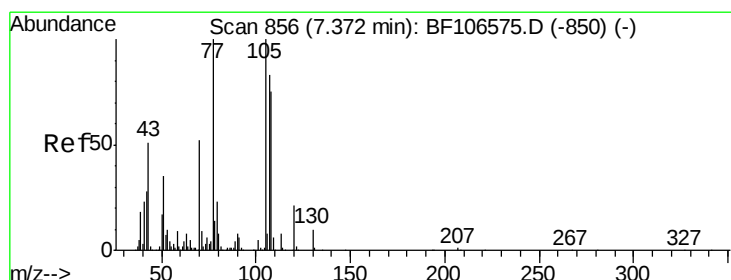
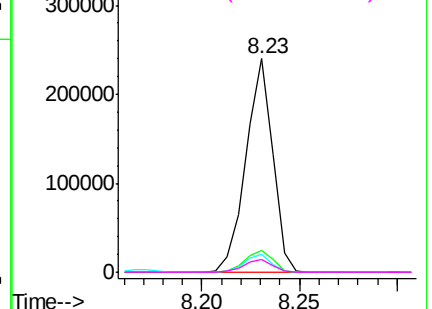
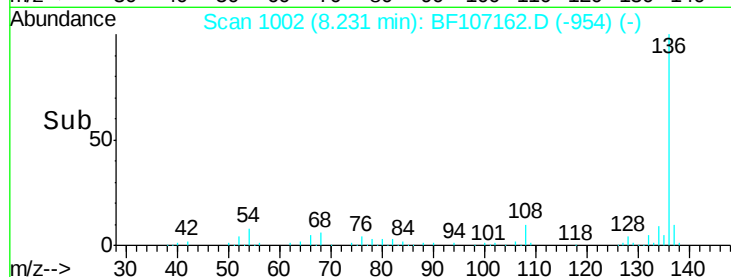


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.346 ng

RT: 7.35 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Tgt Ion:105 Resp: 237008

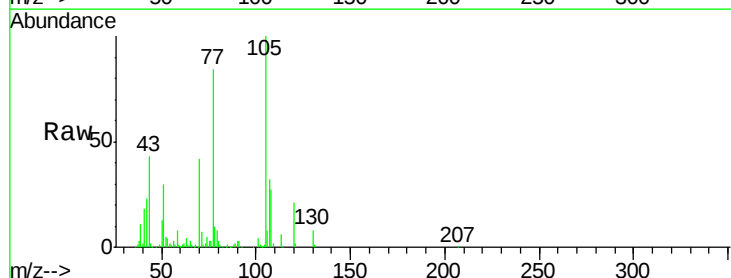
Ion Ratio Lower Upper

105 100

71 7.3 4.4 6.6#

51 29.5 22.3 33.5

120 20.8 16.9 25.3

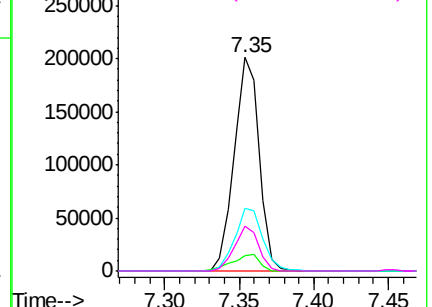
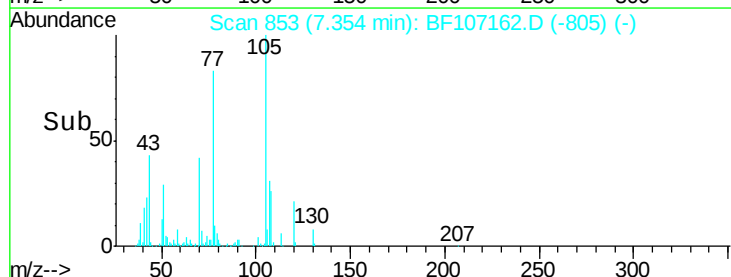


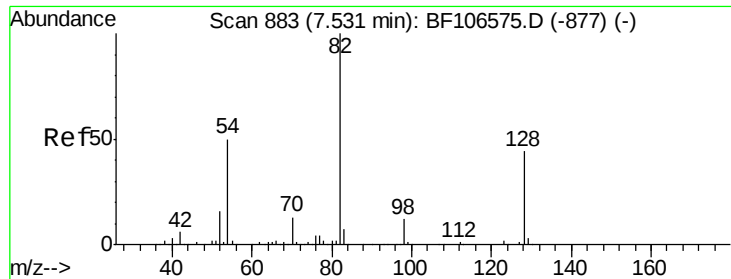
Abundance Ion 105.00 (104.70 to 105.70): E

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

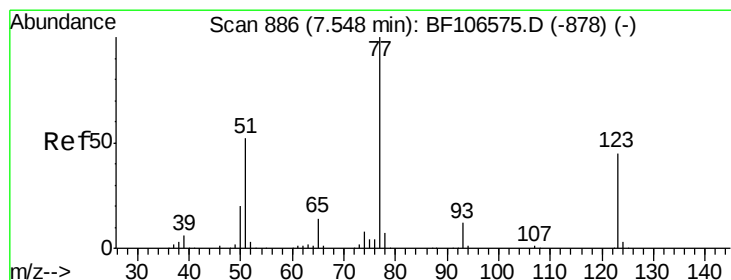
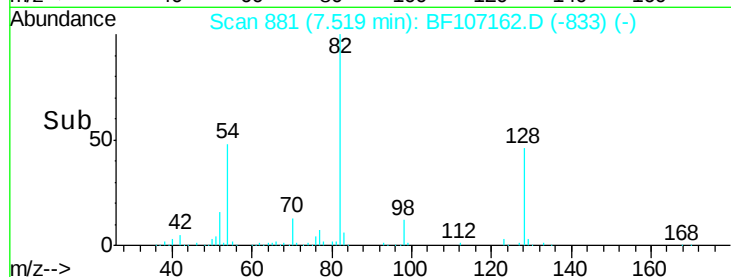
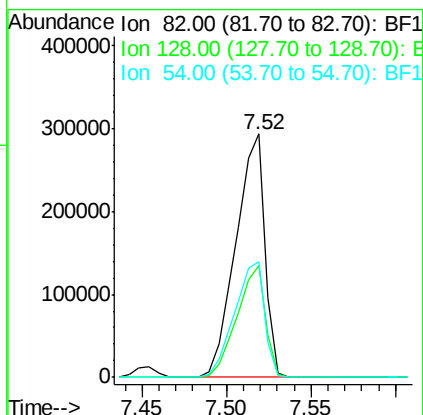
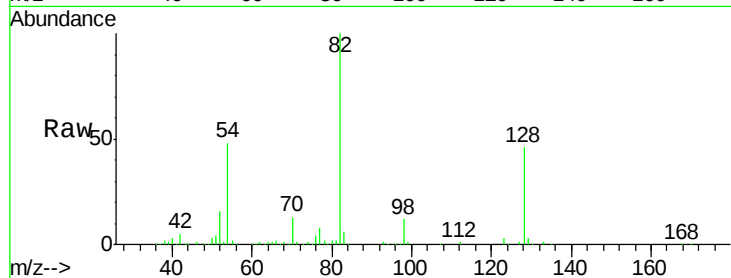




#23
 Nitrobenzene-d5
 Concen: 85.604 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

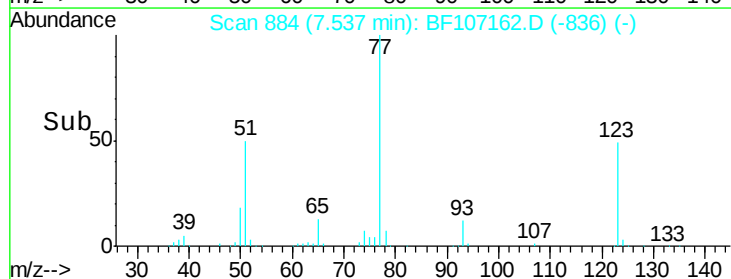
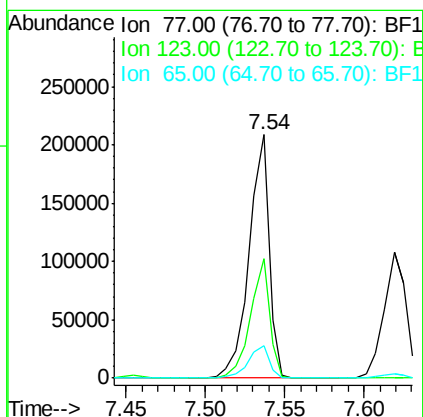
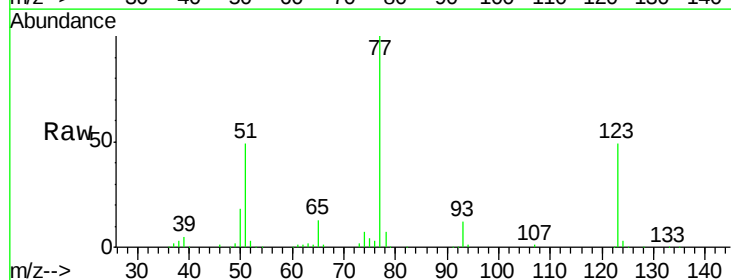
Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

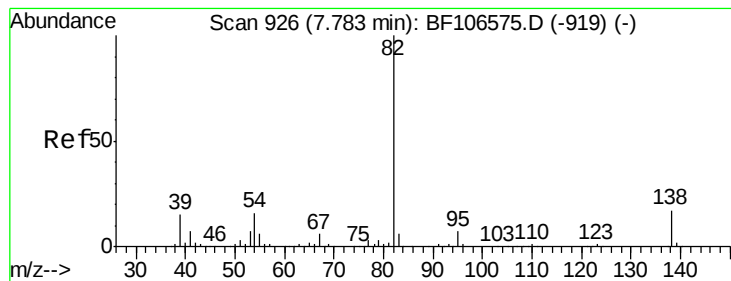
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	47.7	41.4	62.2



#24
 Nitrobenzene
 Concen: 43.505 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	37.9	56.9
65	13.2	11.0	16.4





#25

Isophorone

Concen: 46.874 ng

RT: 7.77 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

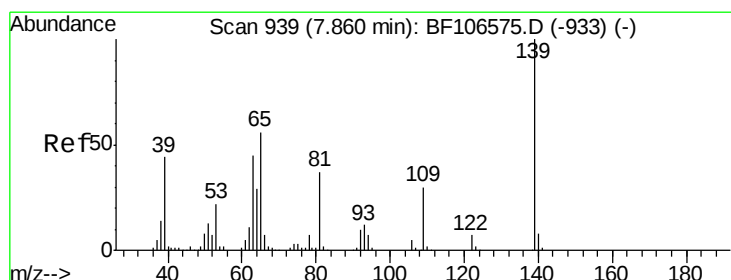
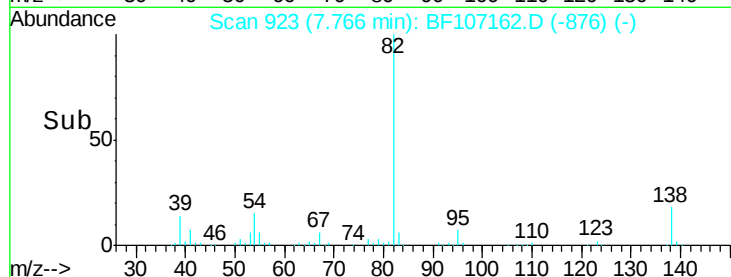
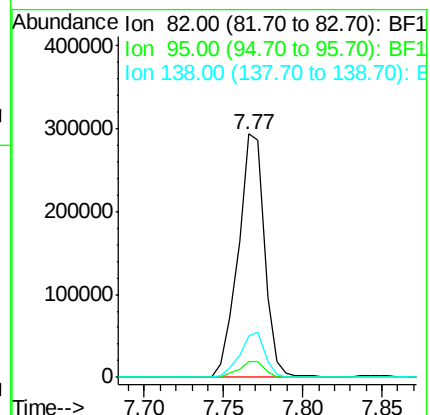
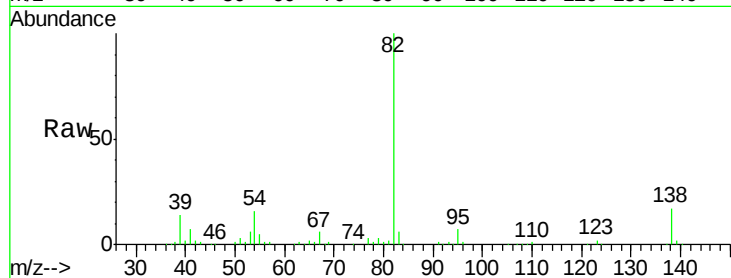
Tgt Ion: 82 Resp: 339736

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.2 14.9 22.3



#26

2-Nitrophenol

Concen: 45.652 ng

RT: 7.85 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

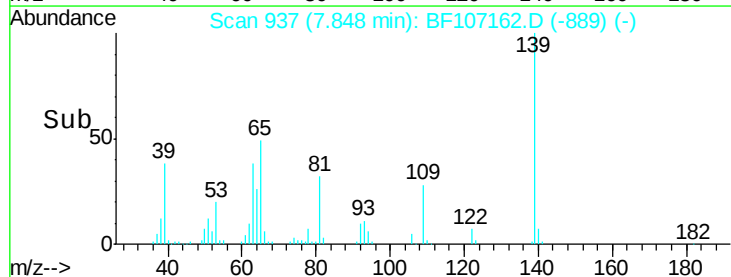
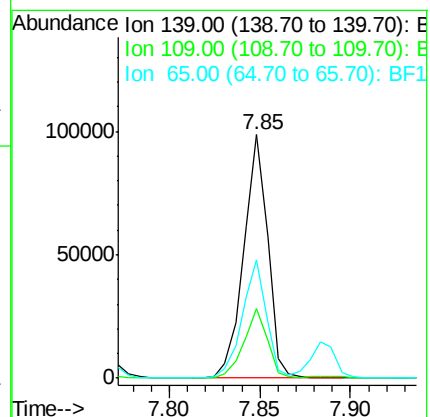
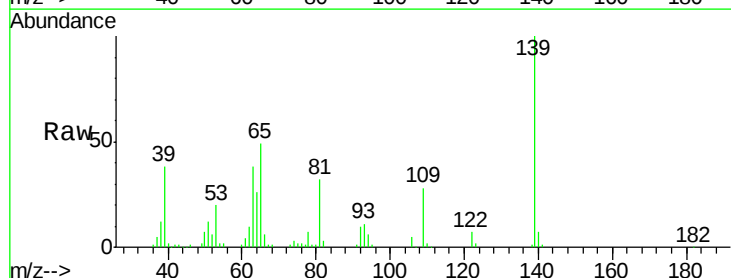
Tgt Ion: 139 Resp: 90498

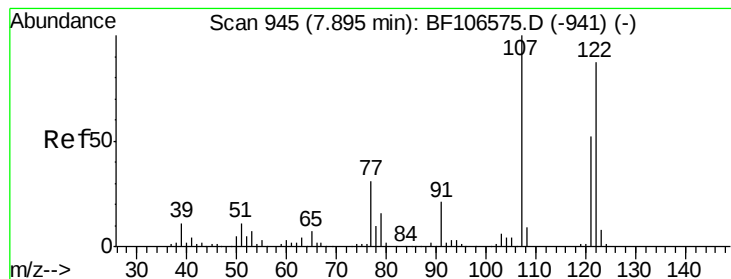
Ion Ratio Lower Upper

139 100

109 28.5 22.7 34.1

65 48.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 51.046 ng

RT: 7.88 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

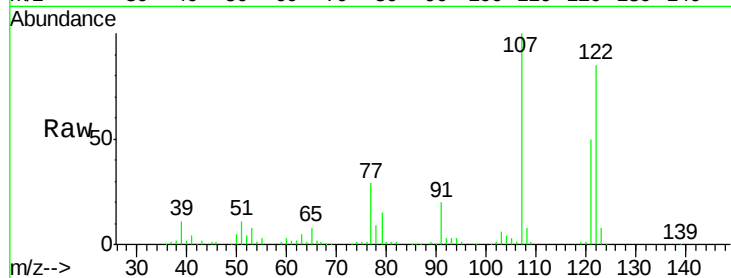
Tgt Ion: 122 Resp: 156406

Ion Ratio Lower Upper

122 100

107 117.7 91.2 136.8

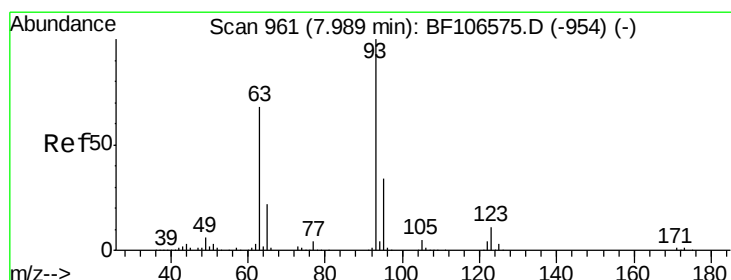
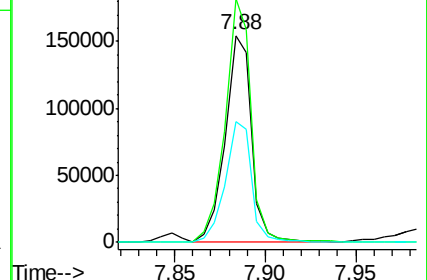
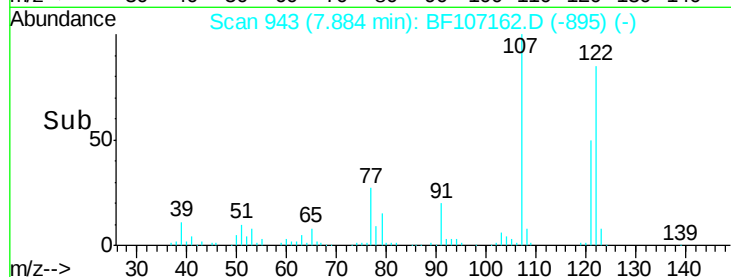
121 58.3 47.2 70.8



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: 44.953 ng

RT: 7.97 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

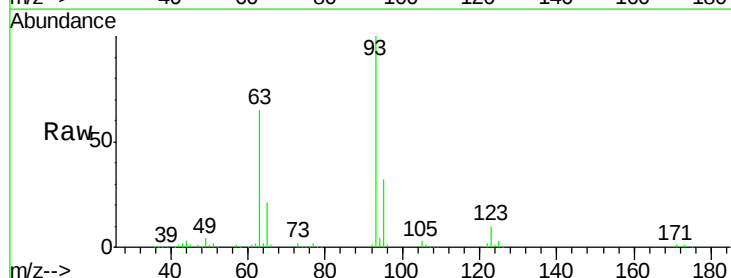
Tgt Ion: 93 Resp: 218757

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

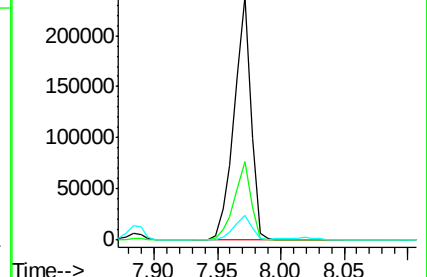
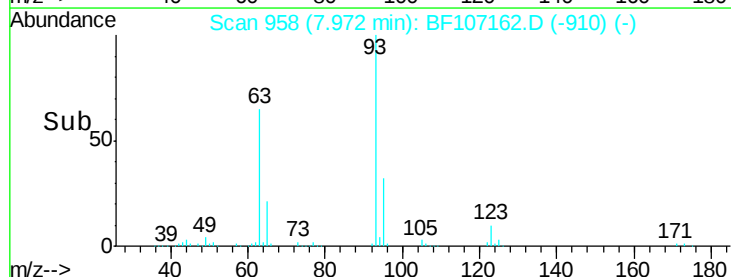
123 10.4 9.8 14.6

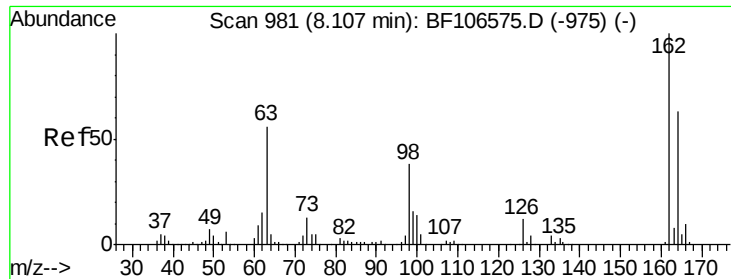


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

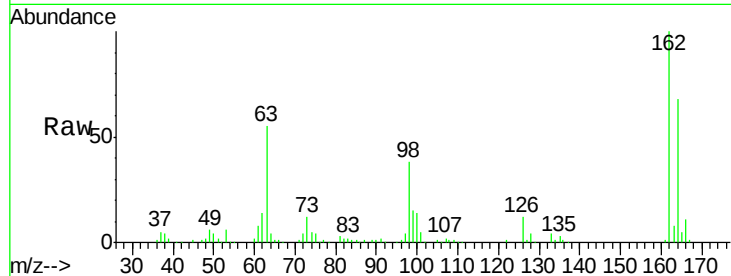




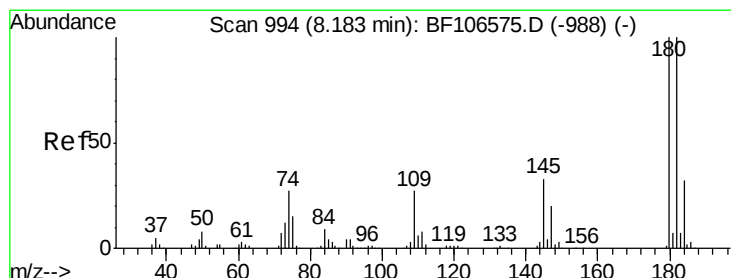
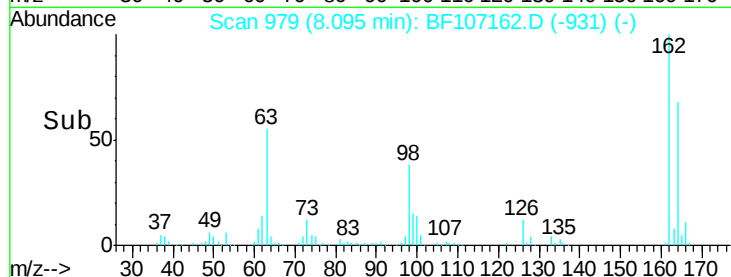
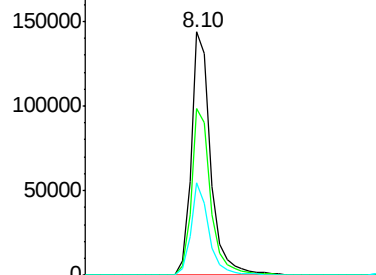
#29
2,4-Dichlorophenol
Concen: 48.112 ng
RT: 8.10 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.5	42.7	82.7
98	37.9	18.1	58.1

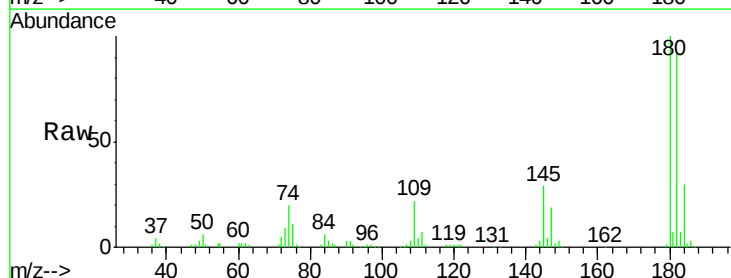


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

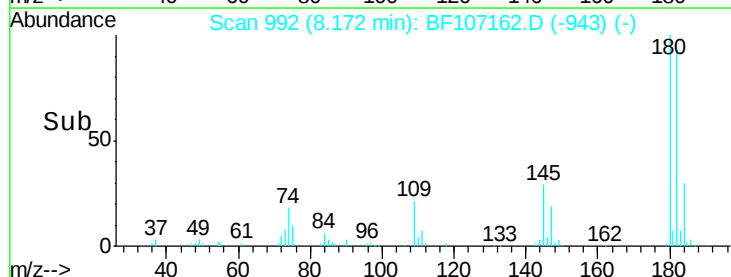
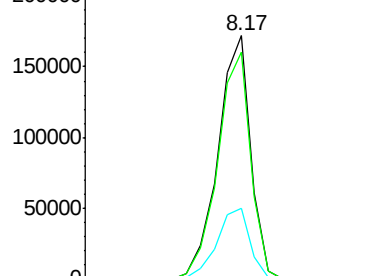


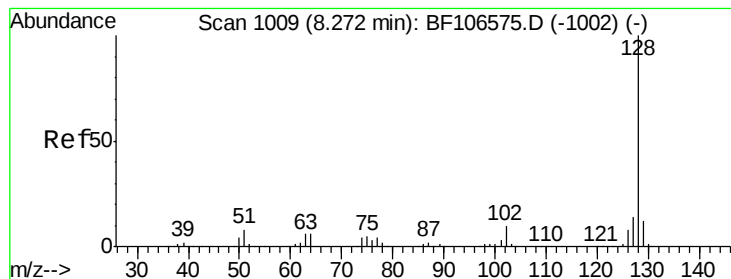
#30
1,2,4-Trichlorobenzene
Concen: 48.026 ng
RT: 8.17 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.8	115.2
145	29.3	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: 45.675 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

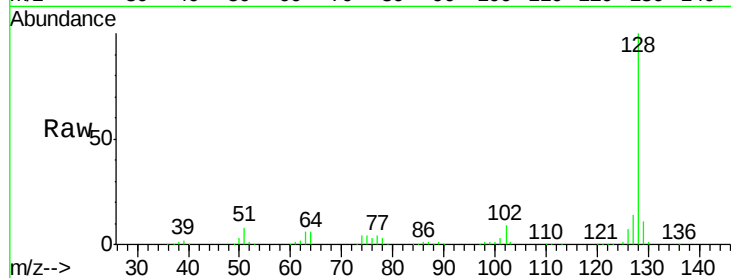
Tgt Ion:128 Resp: 488113

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

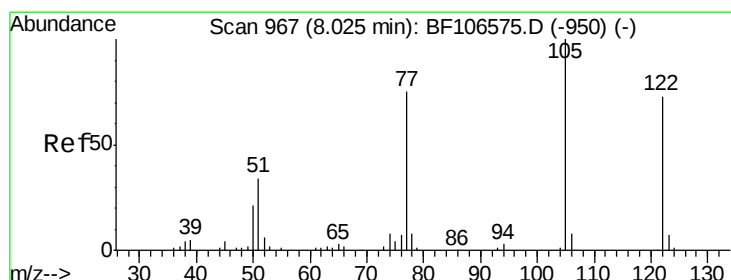
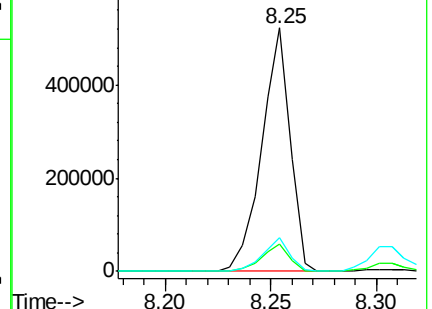
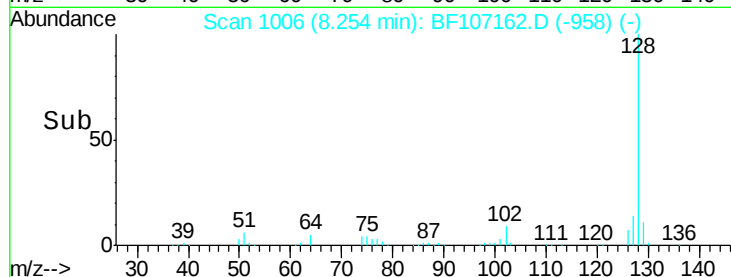
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.239 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

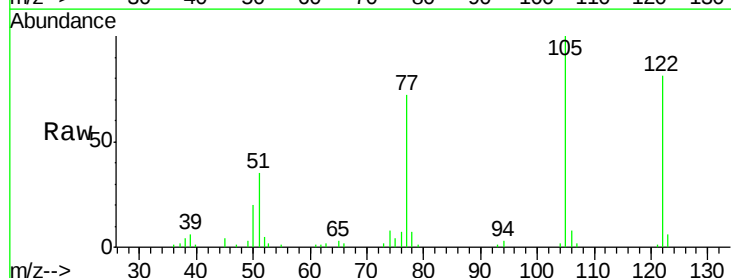
Tgt Ion:122 Resp: 77213

Ion Ratio Lower Upper

122 100

105 123.9 101.1 141.1

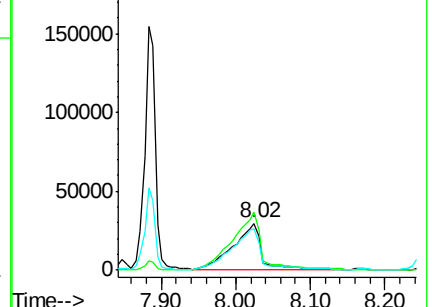
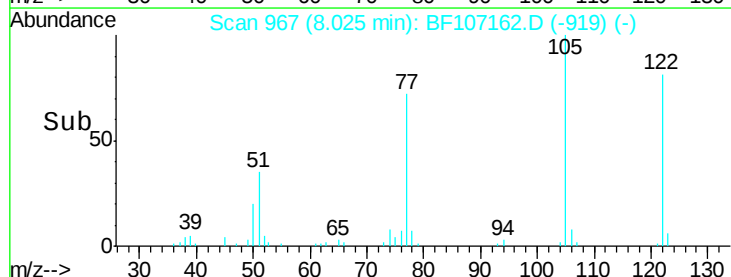
77 89.4 70.7 110.7

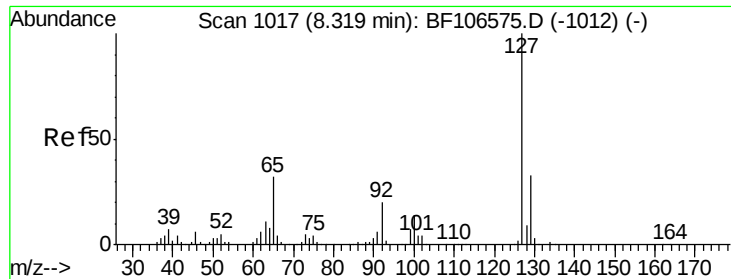


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

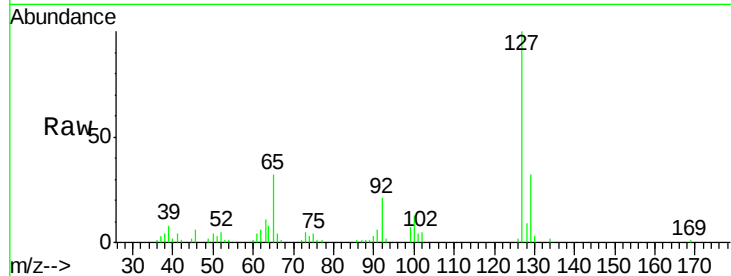




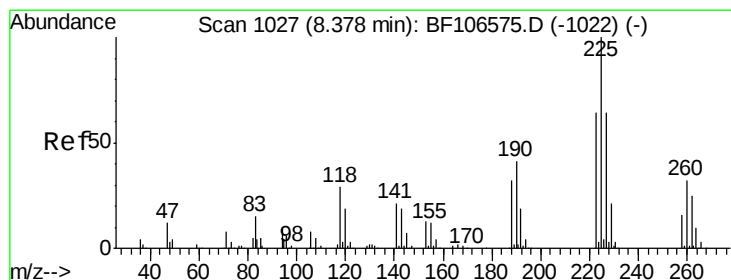
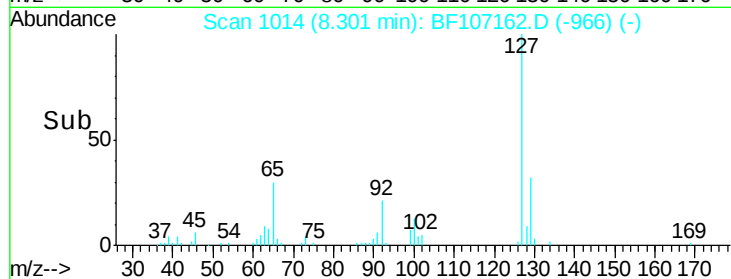
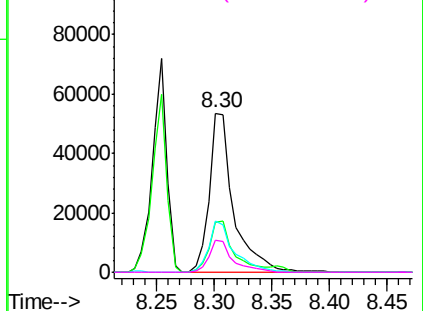
#33
4-Chloroaniline
Concen: 17.489 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tgt Ion:	127	Resp:	78423
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	32.4	25.0	37.4
92	20.5	15.2	22.8

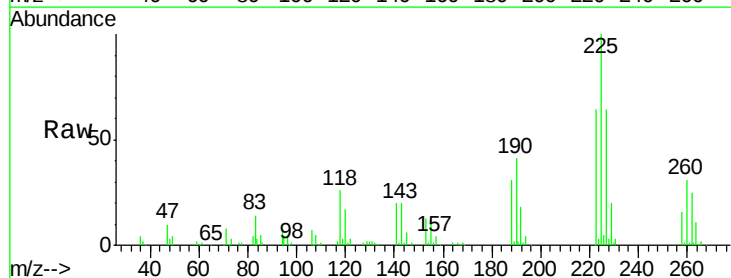


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

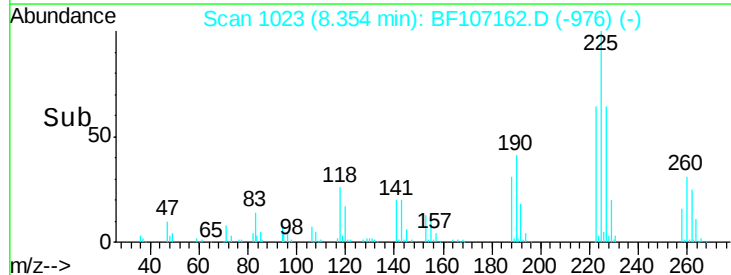
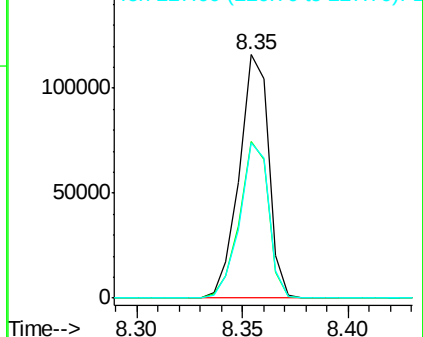


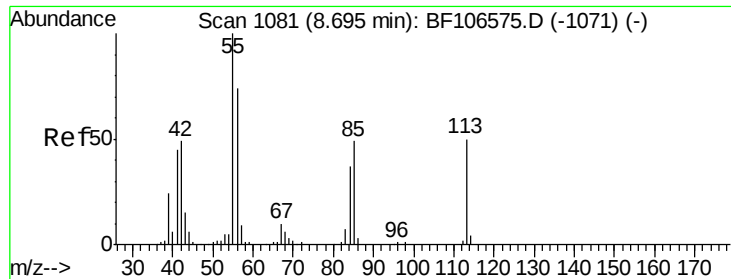
#34
Hexachlorobutadiene
Concen: 48.661 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion:	225	Resp:	112046
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	64.0	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

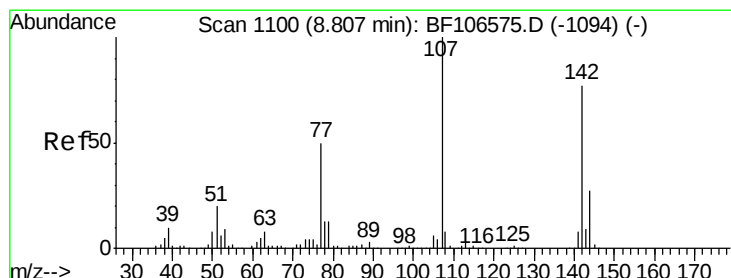
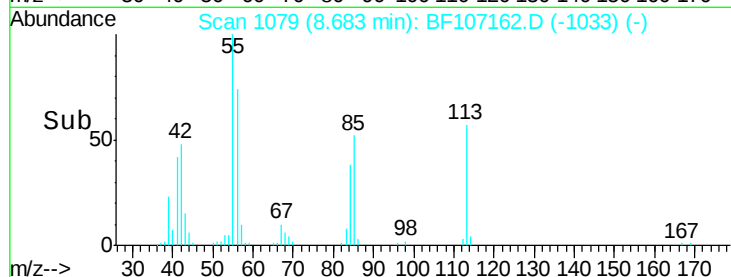
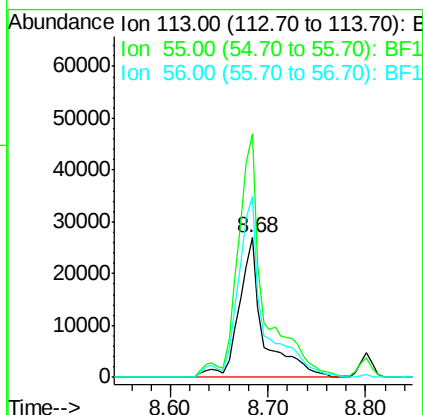
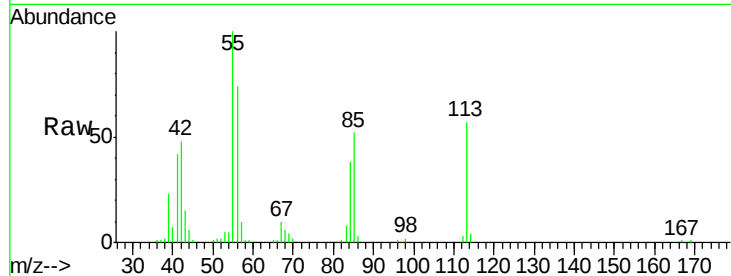




#35
 Caprolactam
 Concen: 45.310 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

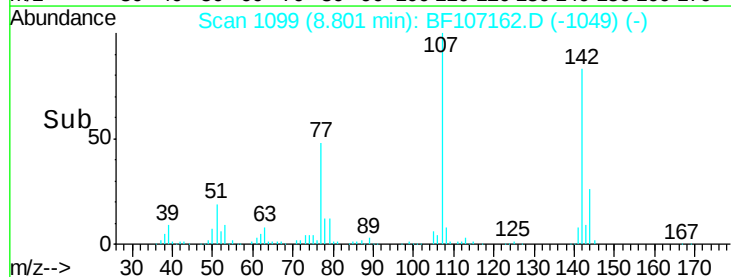
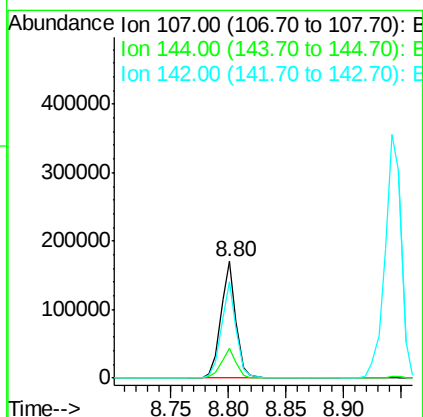
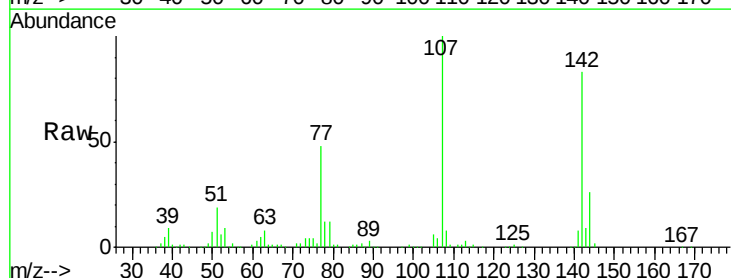
Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

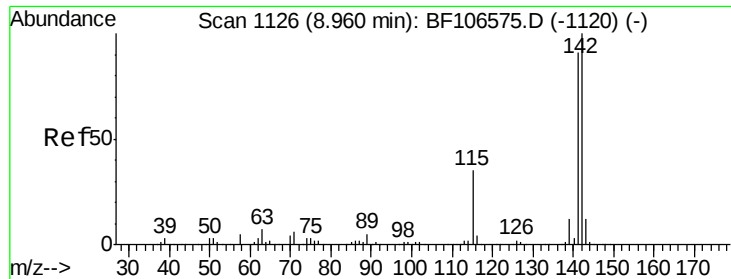
Tgt Ion:113 Resp: 47379
 Ion Ratio Lower Upper
 113 100
 55 174.0 163.3 203.3
 56 129.0 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.552 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion:107 Resp: 153805
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 82.6 62.0 93.0

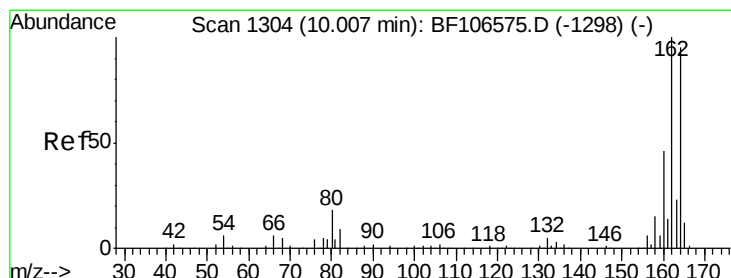
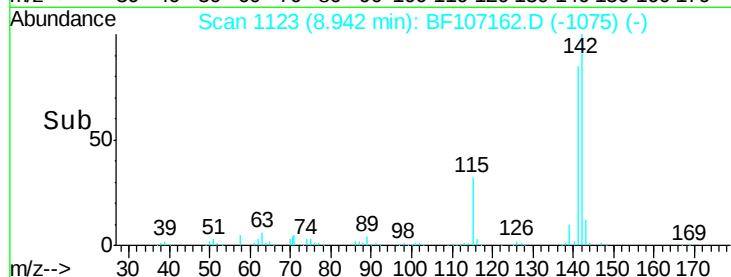
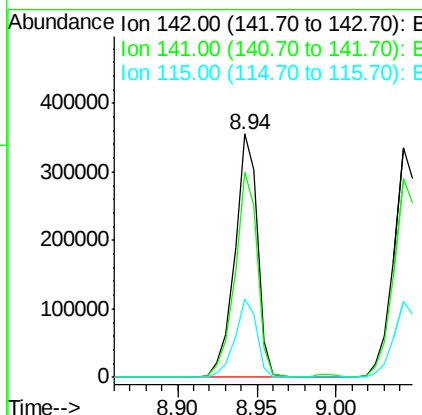
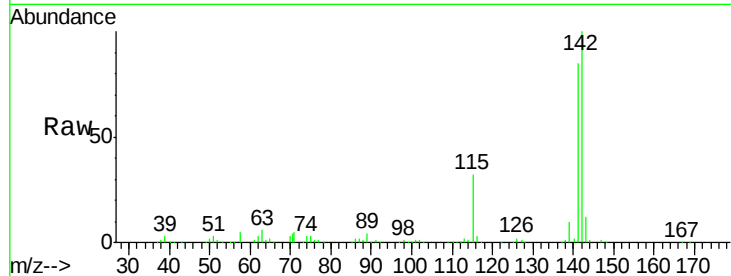




#37
2-Methylnaphthalene
Concen: 49.717 ng
RT: 8.94 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

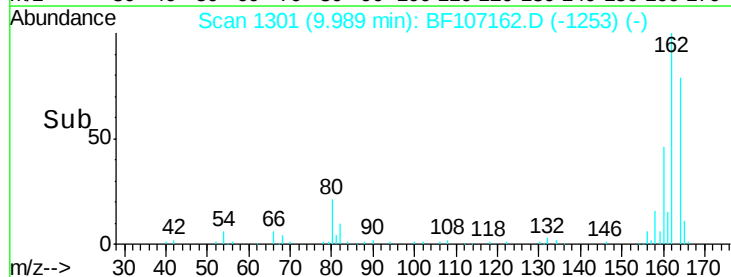
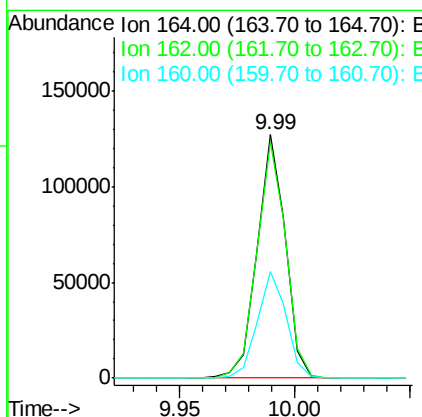
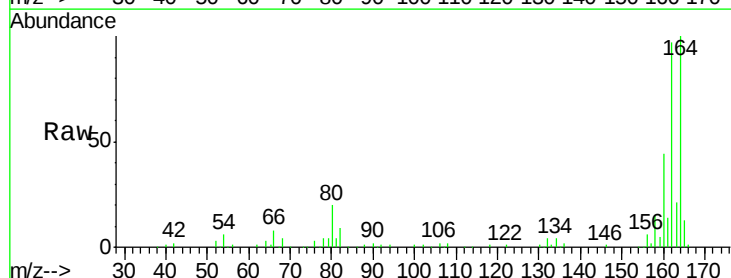
Instrument :
BNA_F
ClientSampleId :
PB110854BS

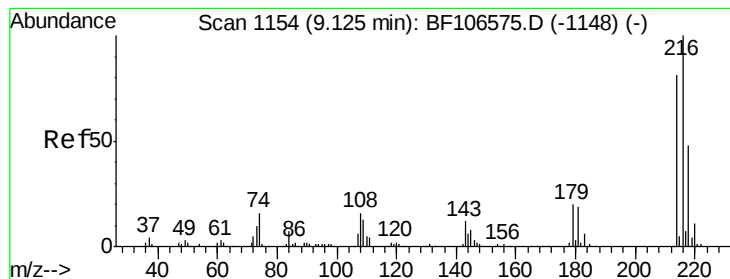
Tgt Ion:142 Resp: 352167
Ion Ratio Lower Upper
142 100
141 84.5 70.8 106.2
115 32.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion:164 Resp: 108143
Ion Ratio Lower Upper
164 100
162 96.8 86.1 129.1
160 44.0 38.3 57.5

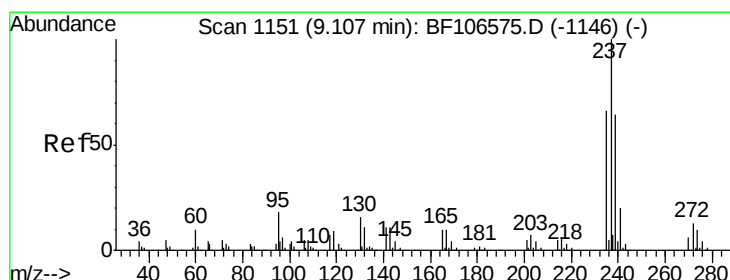
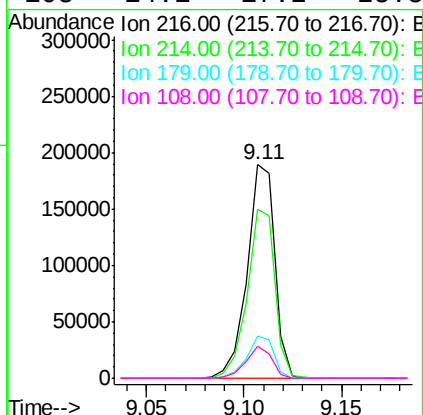
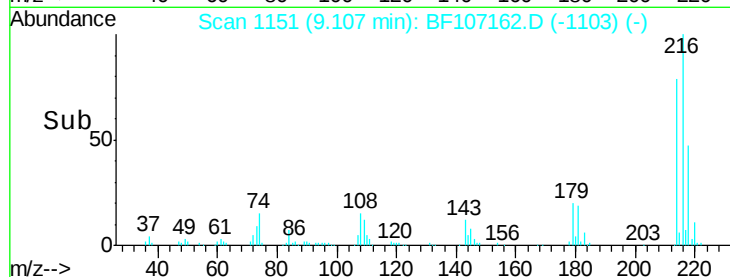
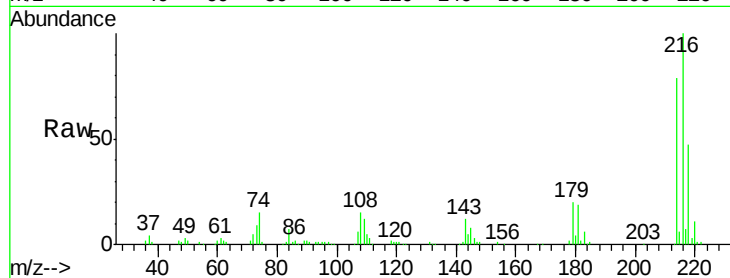




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.978 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

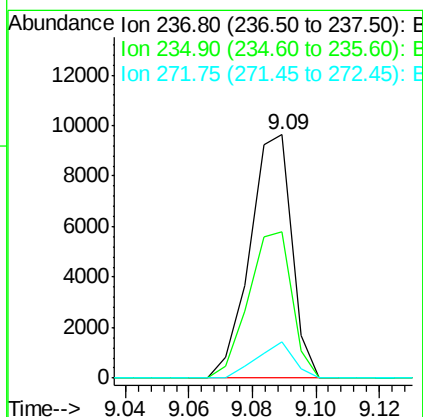
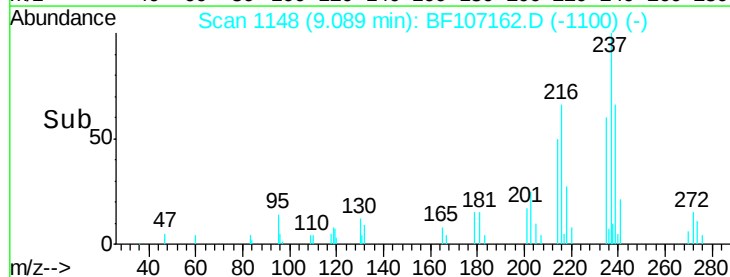
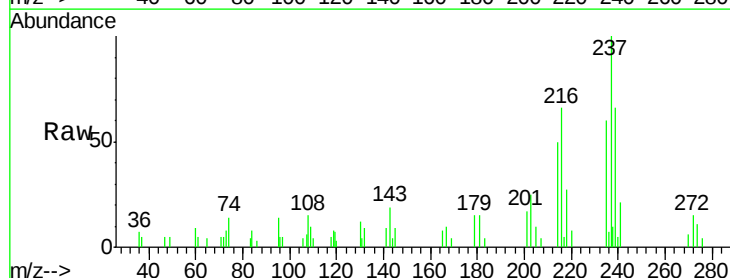
Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

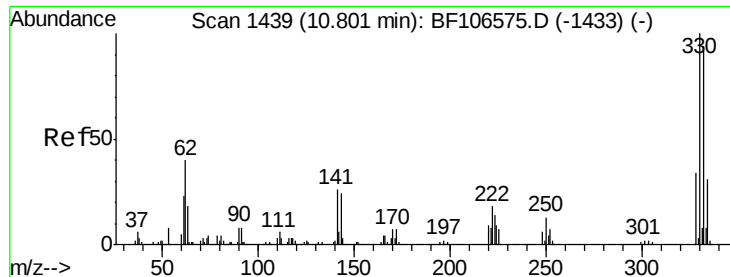
Tgt Ion:	216	Resp:	185656
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.0	94.4
179	19.5	18.1	27.1
108	14.1	17.2	25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 4.717 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion:	237	Resp:	8838
Ion Ratio	Lower	Upper	
237	100		
235	60.1	44.8	84.8
272	15.0	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 83.018 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

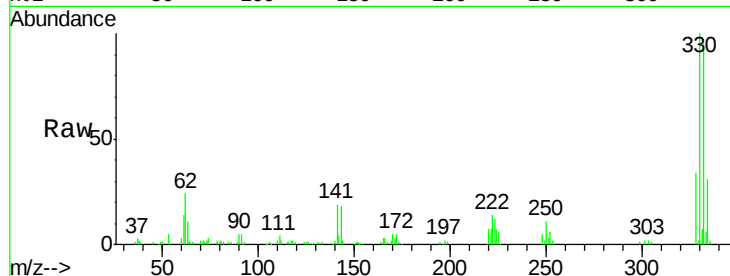
Tgt Ion:330 Resp: 104055

Ion Ratio Lower Upper

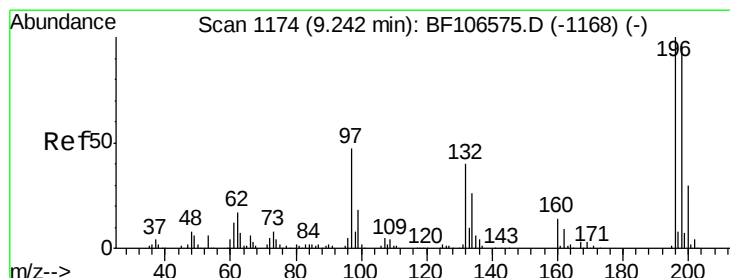
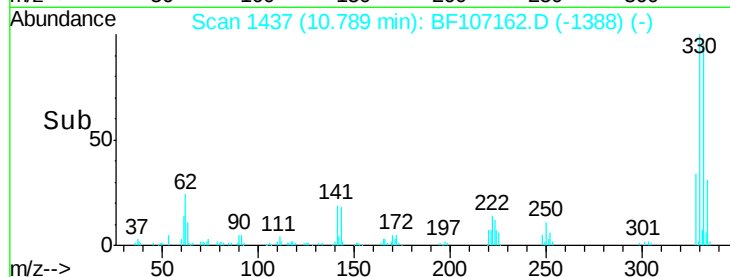
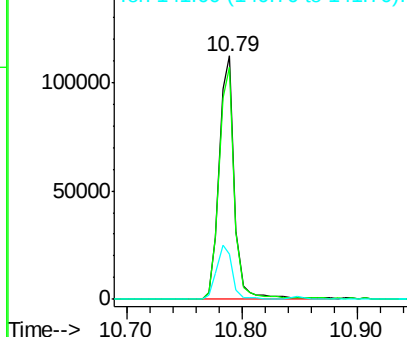
330 100

332 96.3 77.0 115.6

141 22.7 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: 43.451 ng

RT: 9.23 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

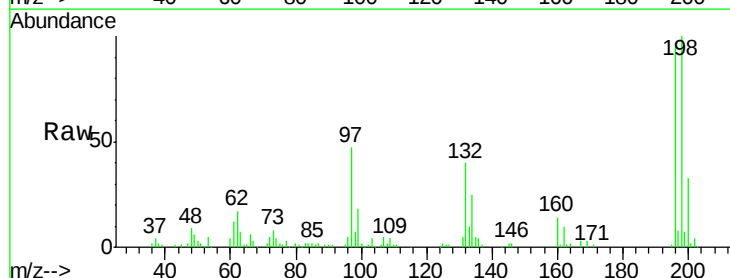
Tgt Ion:196 Resp: 105187

Ion Ratio Lower Upper

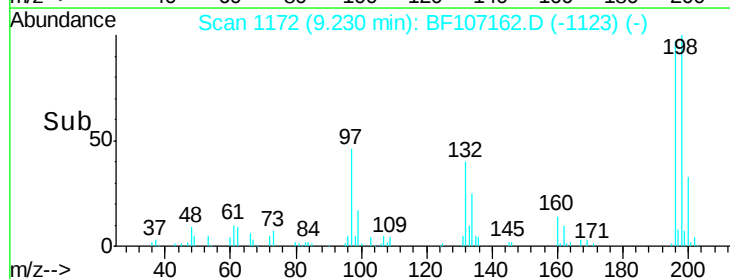
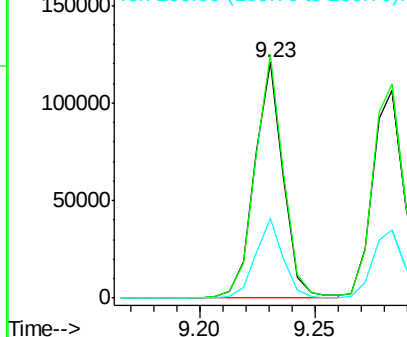
196 100

198 103.3 75.7 113.5

200 33.8 24.5 36.7



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

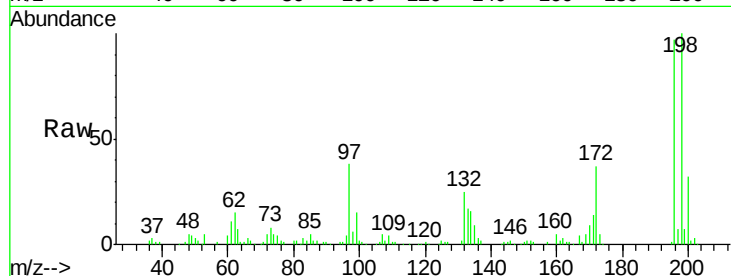




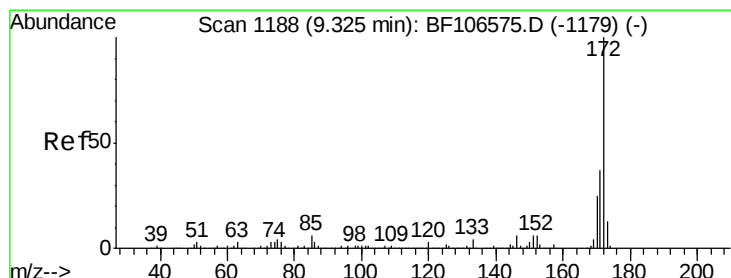
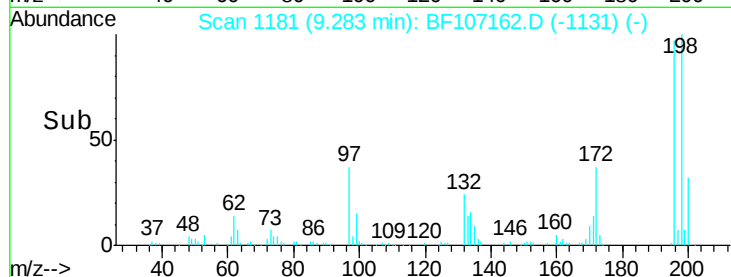
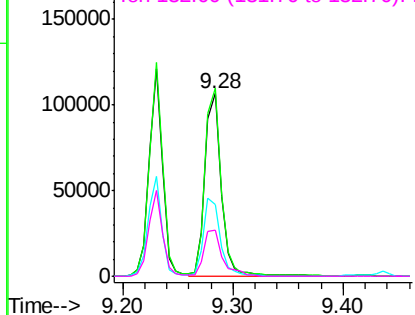
#43
2,4,5-Trichlorophenol
Concen: 42.305 ng
RT: 9.28 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tgt Ion:196 Resp: 106866
Ion Ratio Lower Upper
196 100
198 102.9 74.6 112.0
97 39.3 42.9 64.3#
132 25.4 26.3 39.5#

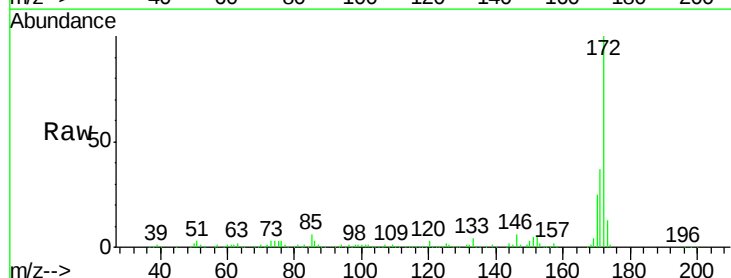


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

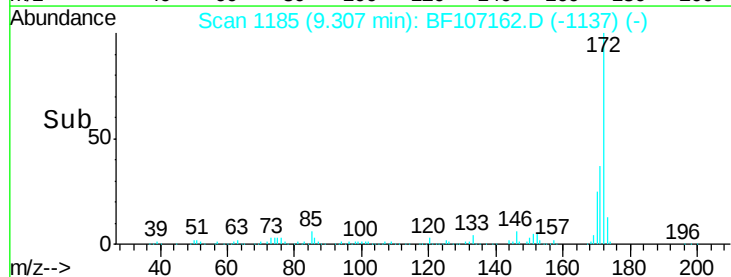
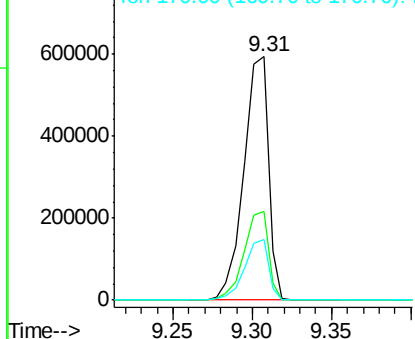


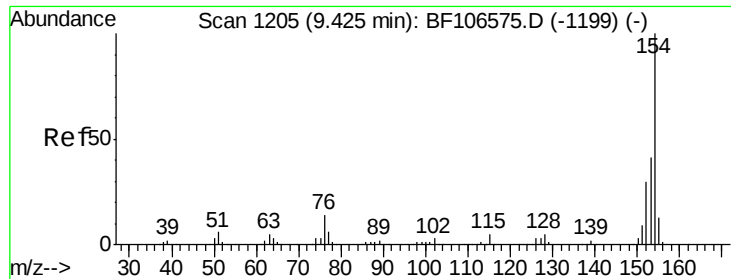
#44
2-Fluorobiphenyl
Concen: 103.417 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion:172 Resp: 640317
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.7 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

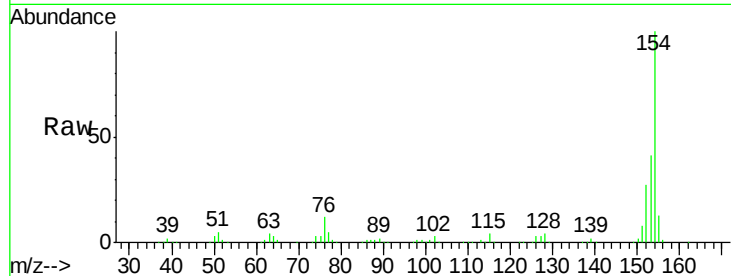




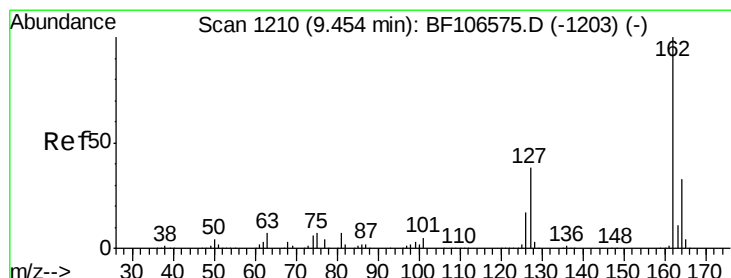
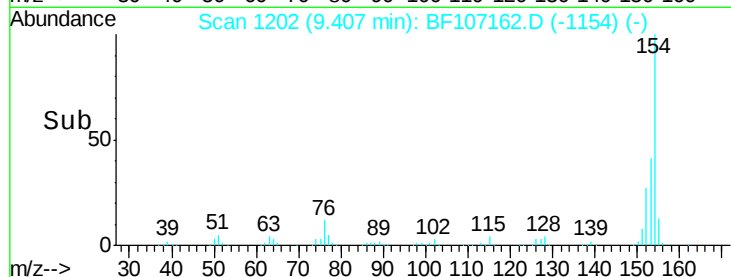
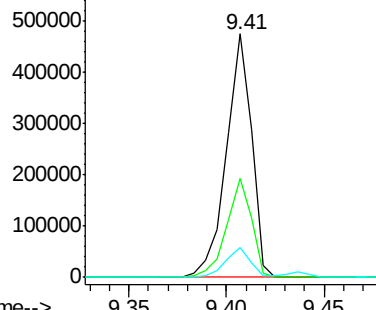
#45
1,1'-Biphenyl
Concen: 49.171 ng
RT: 9.41 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tgt Ion:154 Resp: 423778
Ion Ratio Lower Upper
154 100
153 40.8 21.3 61.3
76 12.3 0.0 34.0

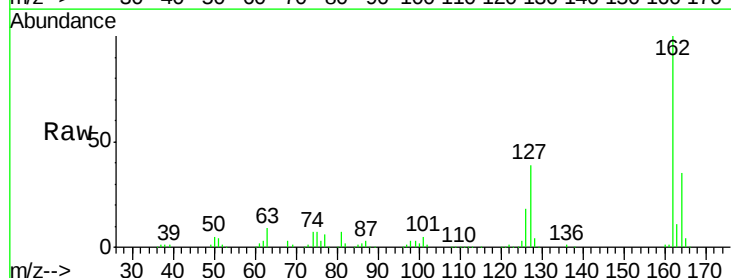


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

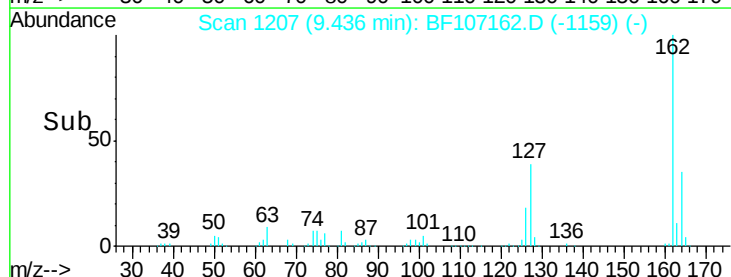
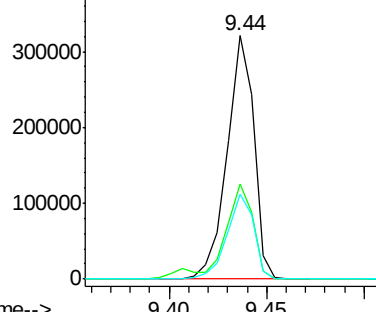


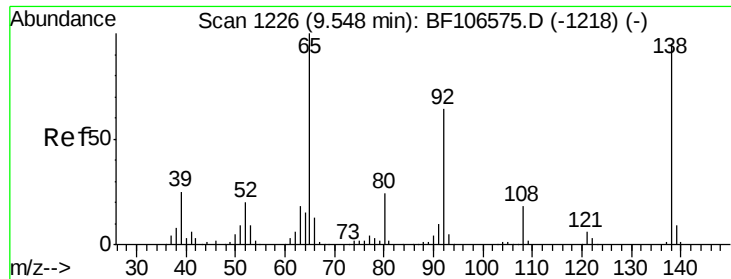
#46
2-Chloronaphthalene
Concen: 44.985 ng
RT: 9.44 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion:162 Resp: 305179
Ion Ratio Lower Upper
162 100
127 39.0 33.9 50.9
164 35.1 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

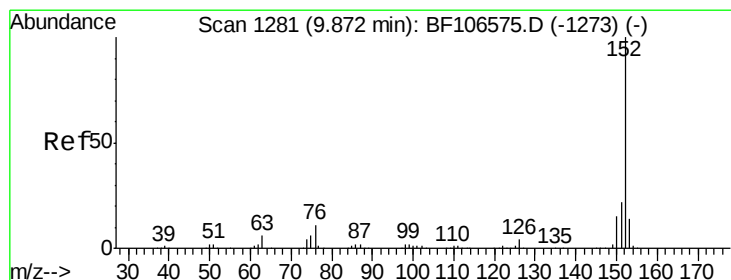
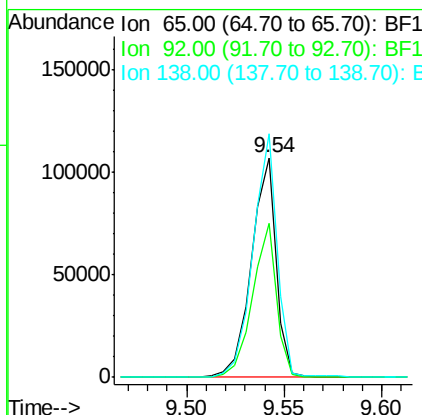
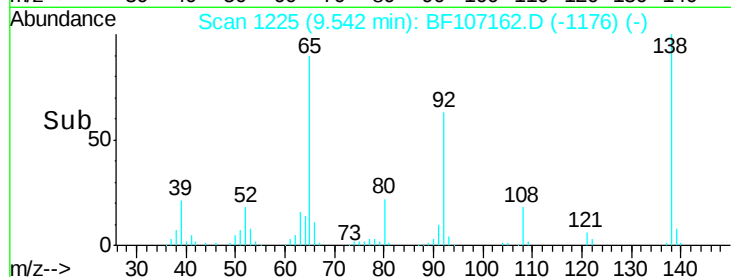
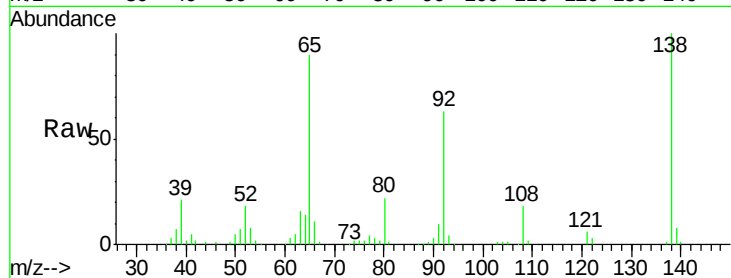




#47
 2-Nitroaniline
 Concen: 41.373 ng
 RT: 9.54 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

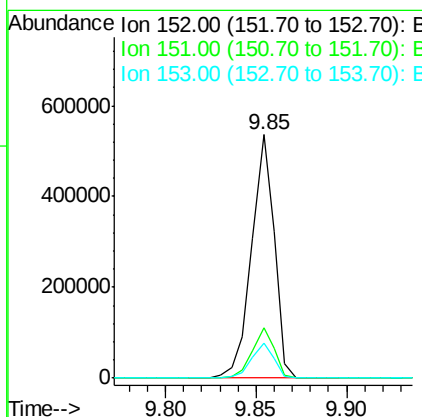
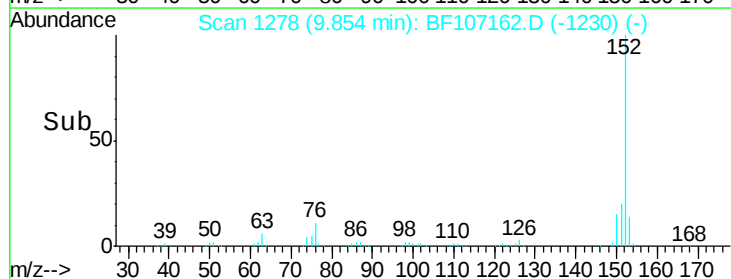
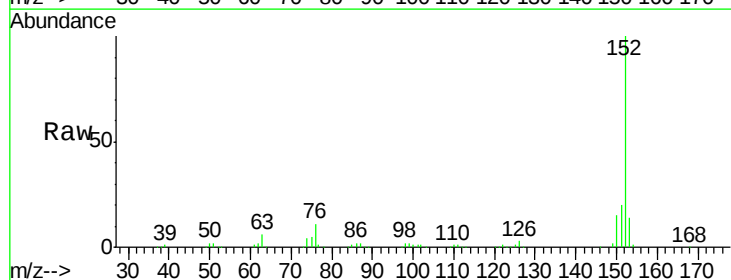
Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

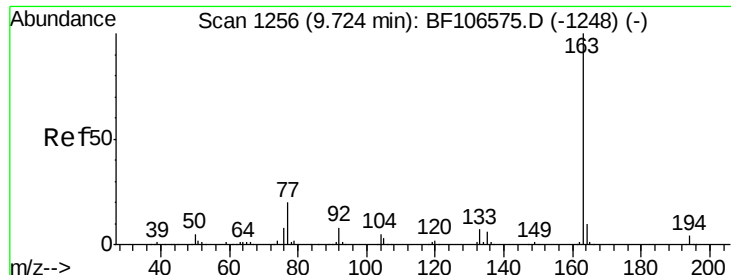
Tgt Ion: 65 Resp: 94381
 Ion Ratio Lower Upper
 65 100
 92 70.2 55.8 83.6
 138 110.9 91.2 136.8



#48
 Acenaphthylene
 Concen: 43.610 ng
 RT: 9.85 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion: 152 Resp: 467088
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 14.2 10.7 16.1

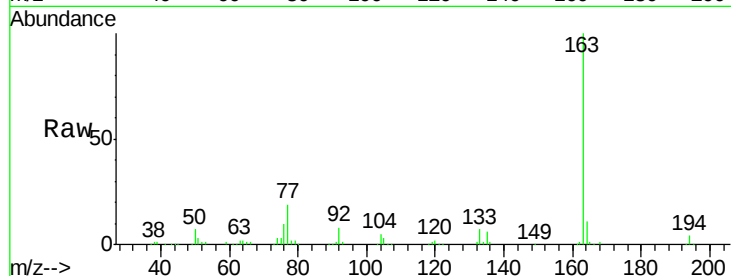




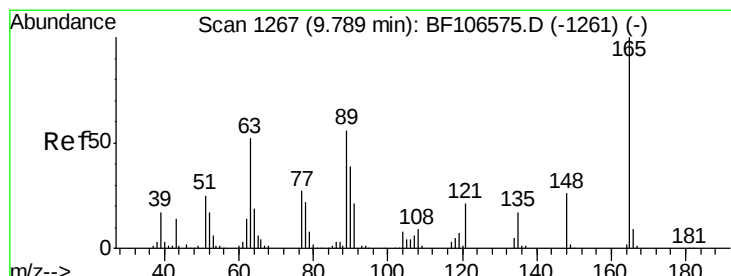
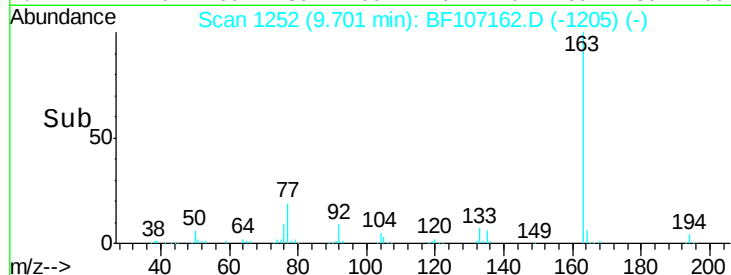
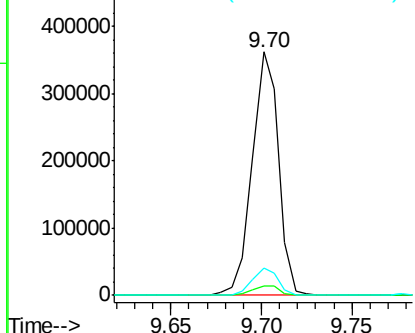
#49
Dimethylphthalate
Concen: 45.149 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tgt Ion:163 Resp: 366198
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.1 8.2 12.2

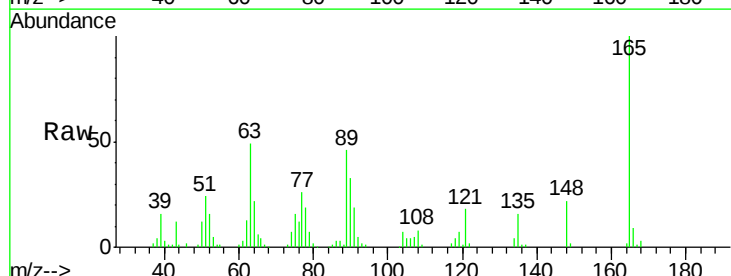


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

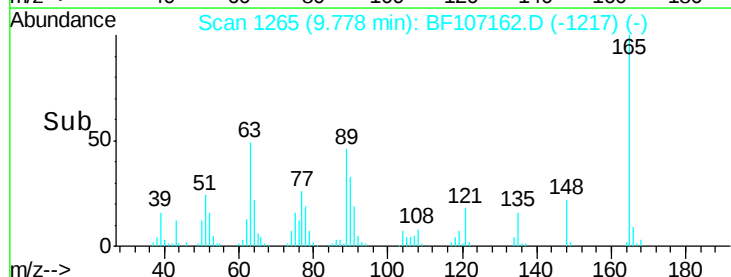
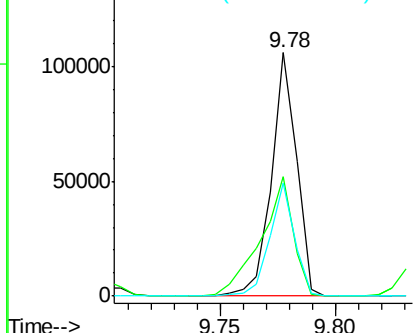


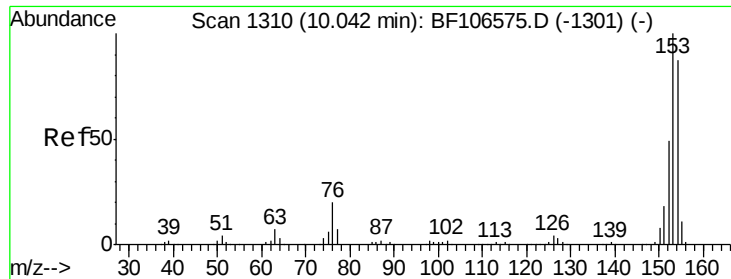
#50
2,6-Dinitrotoluene
Concen: 46.428 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion:165 Resp: 79740
Ion Ratio Lower Upper
165 100
63 49.2 44.7 67.1
89 46.4 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: 41.263 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

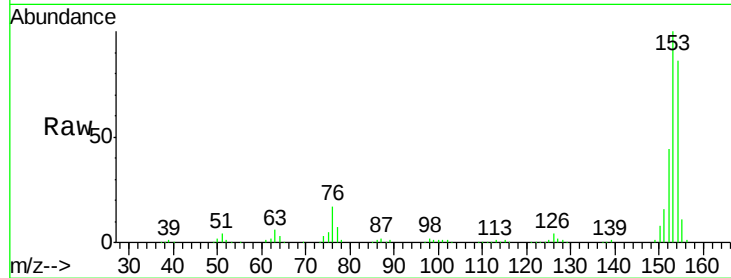
Tgt Ion:154 Resp: 278300

Ion Ratio Lower Upper

154 100

153 116.7 91.2 136.8

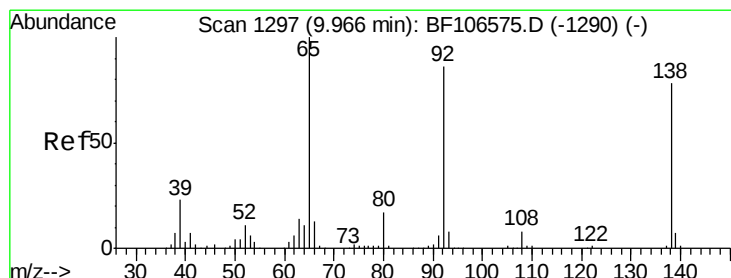
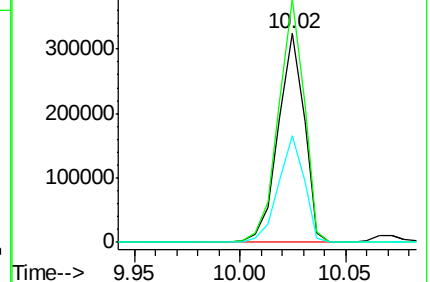
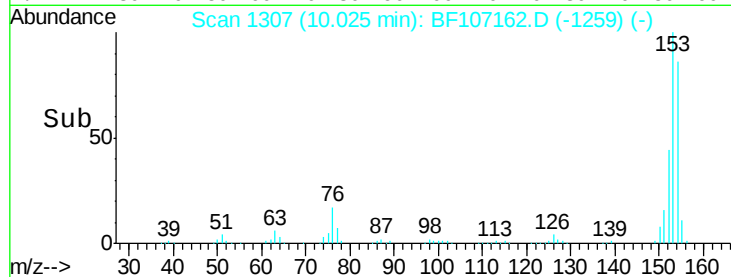
152 50.9 43.8 65.8



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: 26.577 ng

RT: 9.95 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

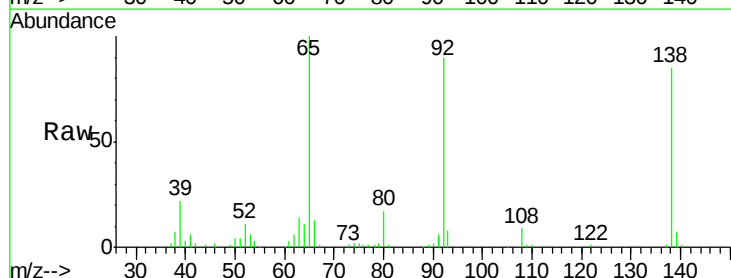
Tgt Ion:138 Resp: 52526

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

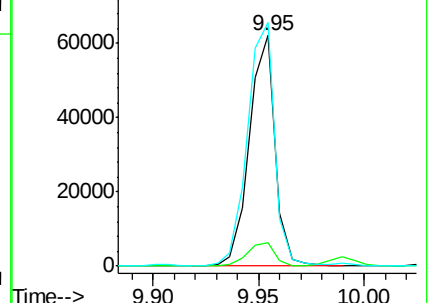
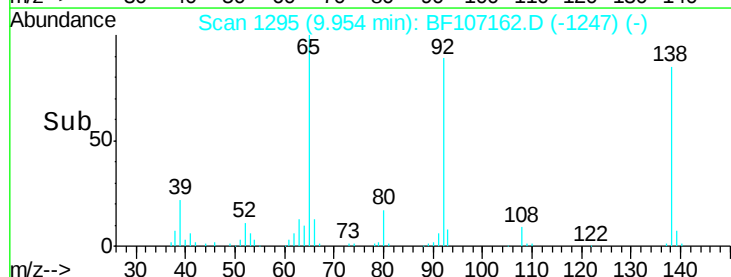
92 105.6 89.4 134.2



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: 28.305 ng

RT: 10.07 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

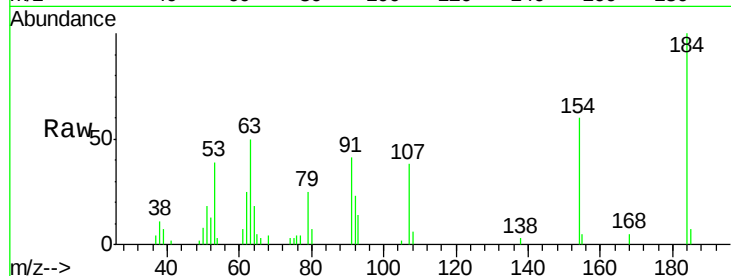
Tgt Ion:184 Resp: 21965

Ion Ratio Lower Upper

184 100

63 49.6 54.2 81.2#

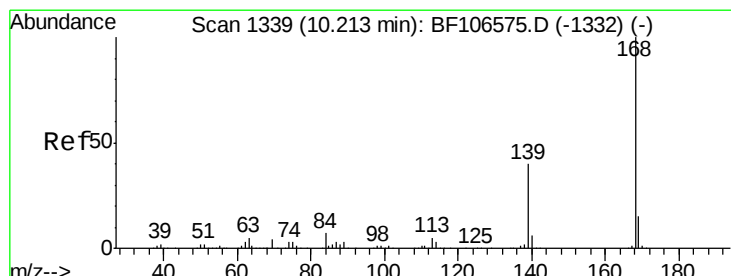
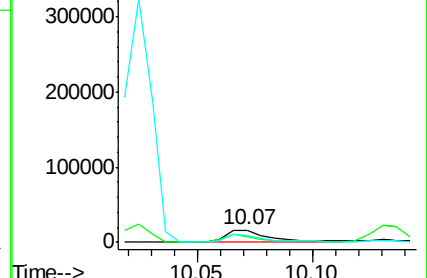
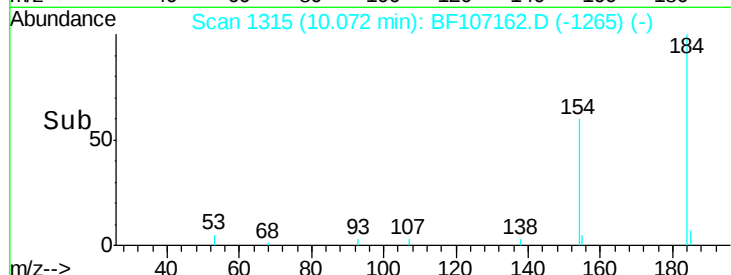
154 60.1 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 45.267 ng

RT: 10.20 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

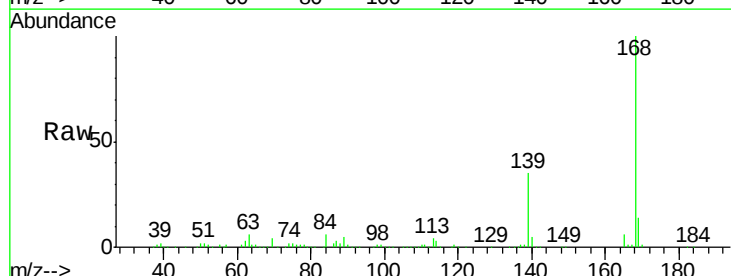
Tgt Ion:168 Resp: 418057

Ion Ratio Lower Upper

168 100

139 35.1 30.1 45.1

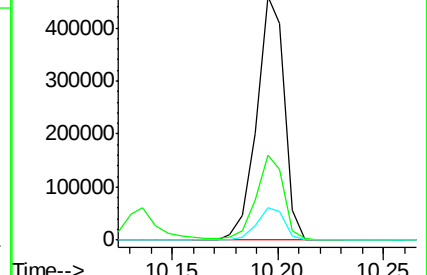
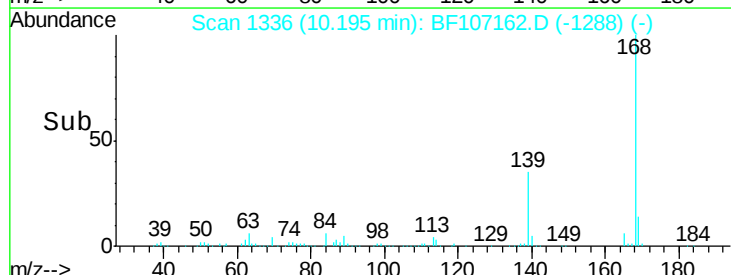
169 13.6 10.9 16.3

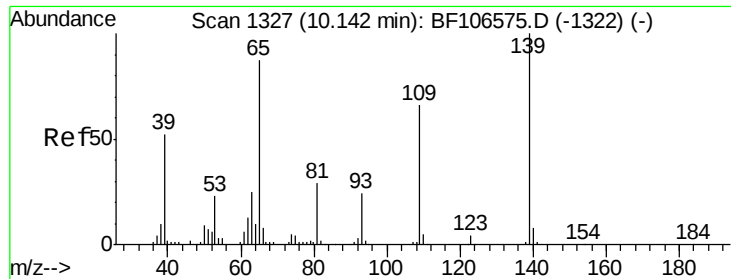


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

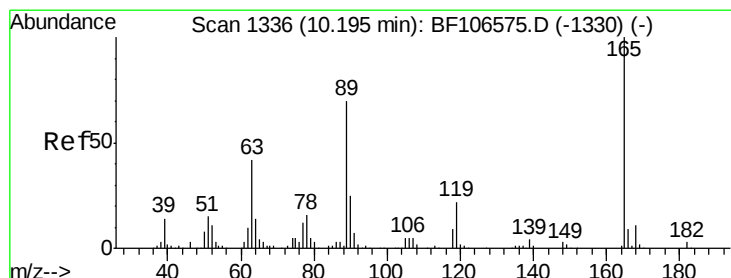
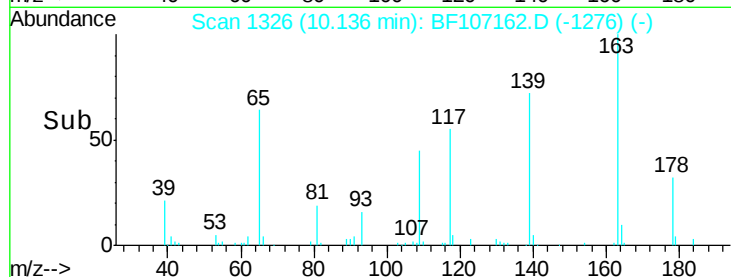
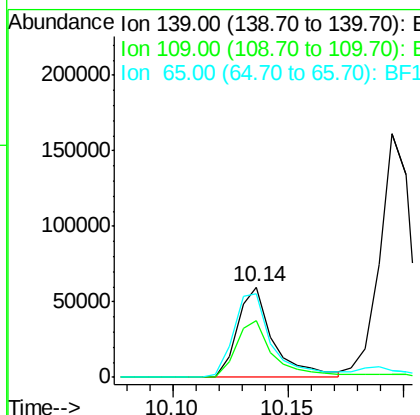
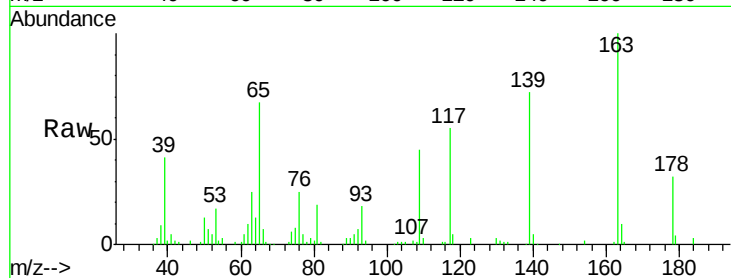




#55
4-Nitrophenol
Concen: 47.277 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

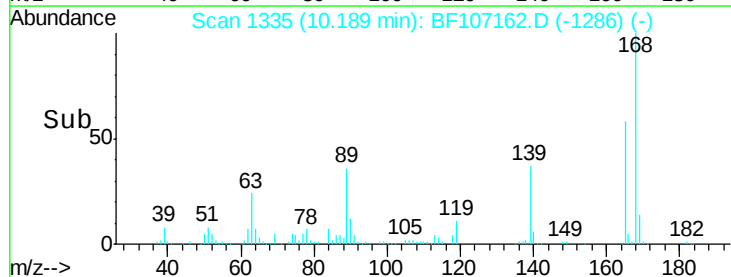
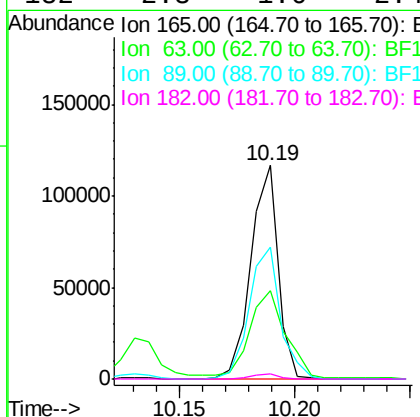
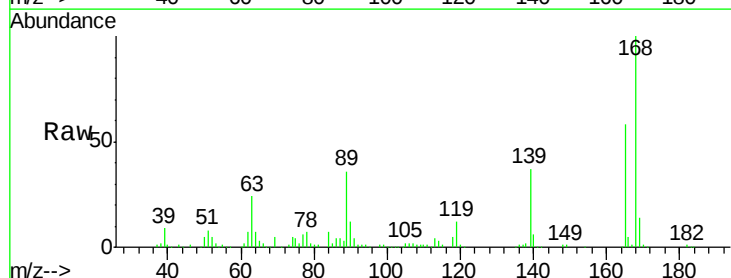
Instrument :
BNA_F
ClientSampleId :
PB110854BS

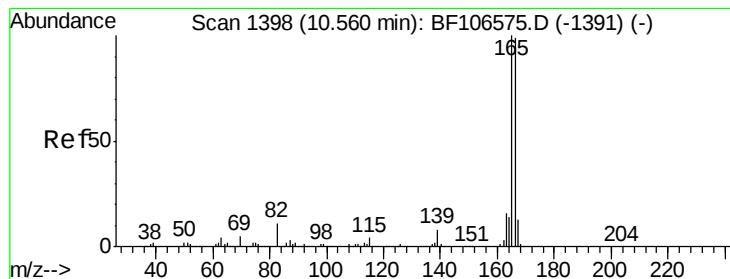
Tgt Ion:139 Resp: 65221
Ion Ratio Lower Upper
139 100
109 63.0 48.4 88.4
65 92.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.226 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion:165 Resp: 96904
Ion Ratio Lower Upper
165 100
63 41.5 36.4 54.6
89 61.5 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 43.767 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

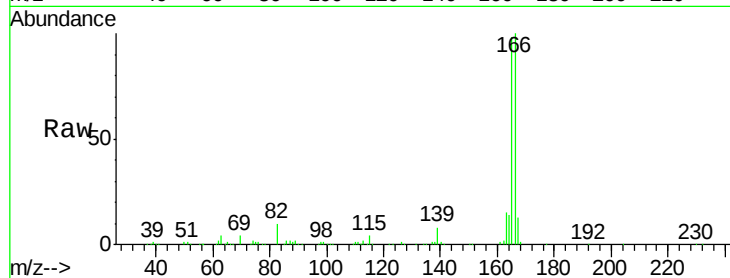
Tgt Ion:166 Resp: 320751

Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.8

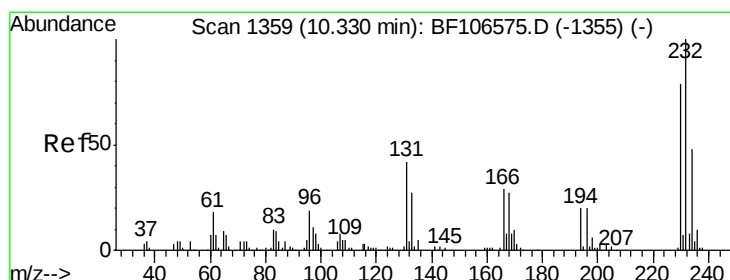
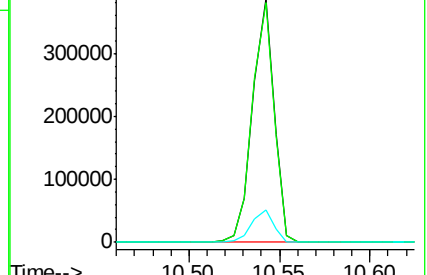
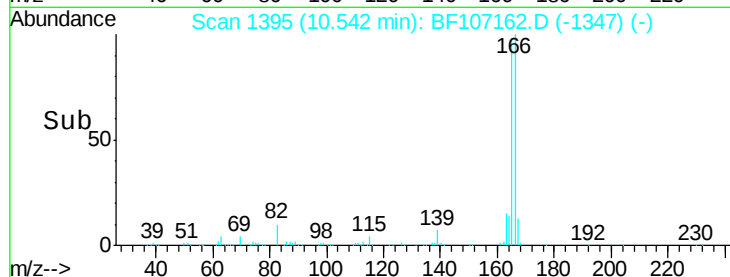
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.029 ng

RT: 10.32 min Scan# 1357

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Tgt Ion:232 Resp: 88410

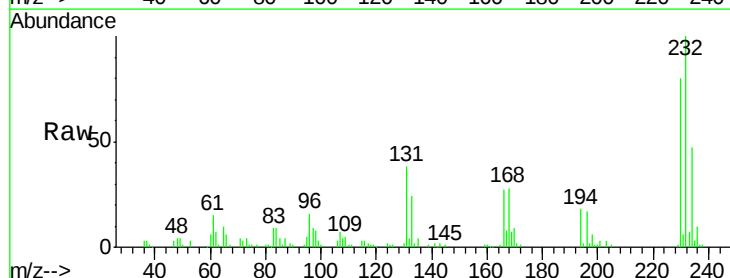
Ion Ratio Lower Upper

232 100

131 32.0 43.8 65.8#

130 1.4 2.1 3.1#

166 24.1 27.8 41.6#

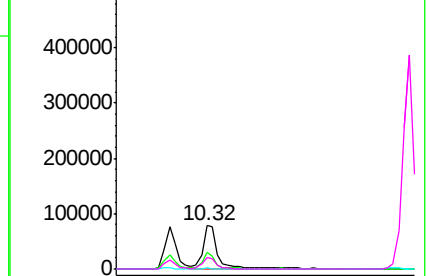
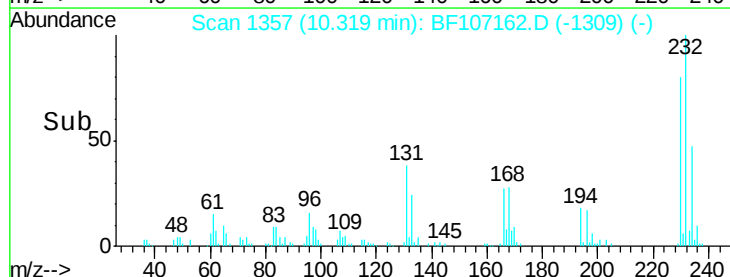


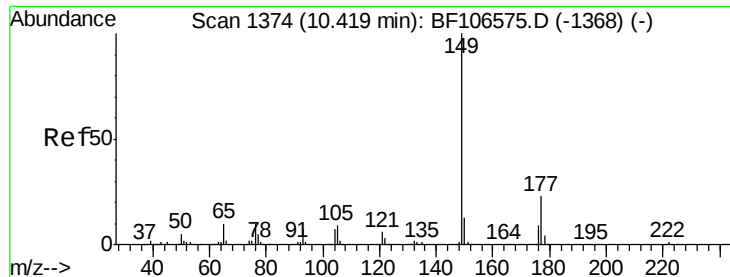
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

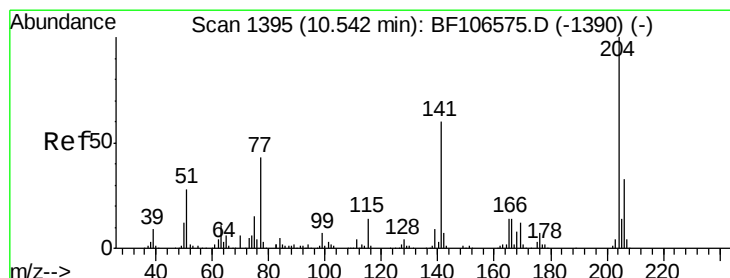
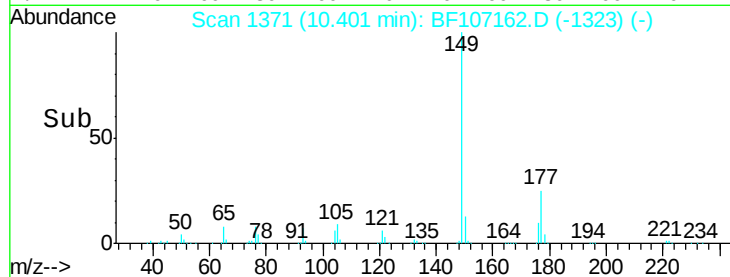
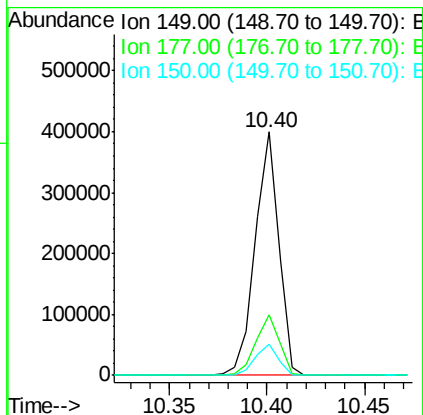
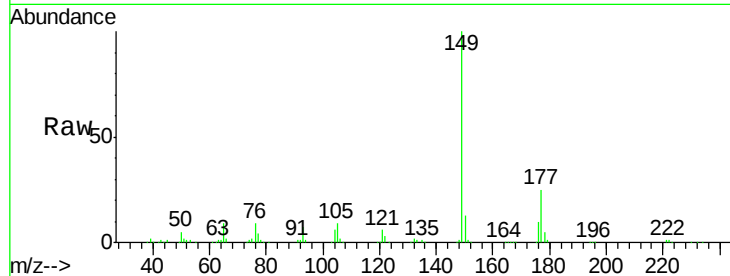




#59
Diethylphthalate
Concen: 42.853 ng
RT: 10.40 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

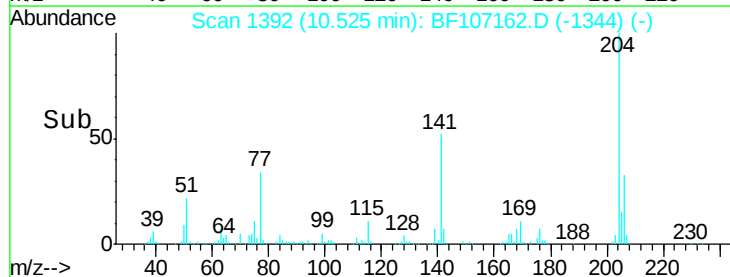
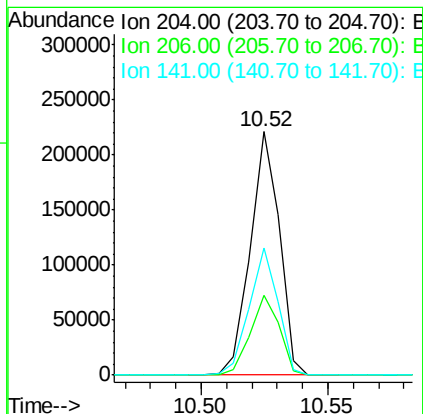
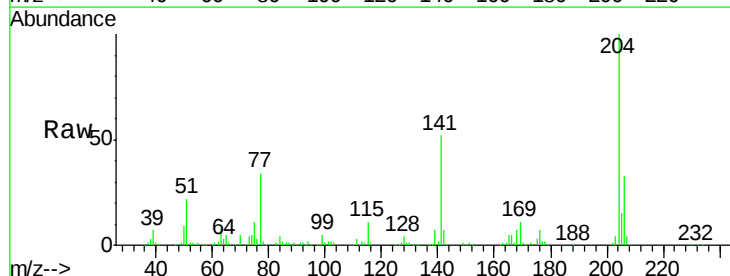
Instrument :
BNA_F
ClientSampleId :
PB110854BS

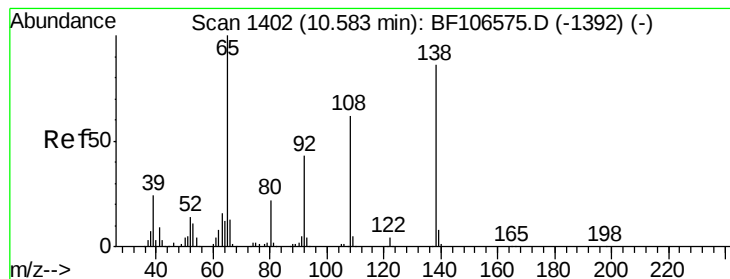
Tgt Ion:149 Resp: 335468
Ion Ratio Lower Upper
149 100
177 25.1 16.1 24.1#
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 46.103 ng
RT: 10.52 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion:204 Resp: 176781
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 52.1 54.6 81.8#





#61

4-Nitroaniline

Concen: 32.105 ng

RT: 10.57 min Scan# 1400

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

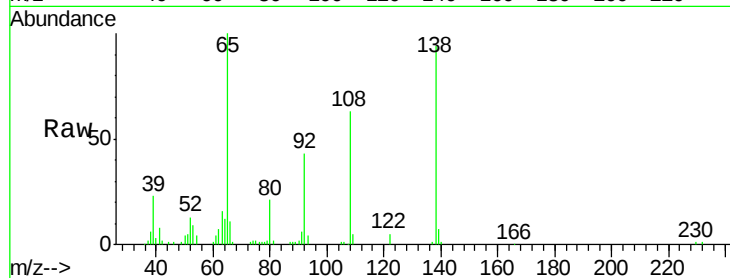
Tgt Ion:138 Resp: 62973

Ion Ratio Lower Upper

138 100

92 46.0 30.2 70.2

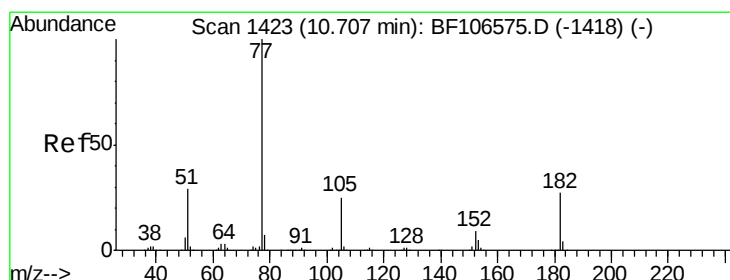
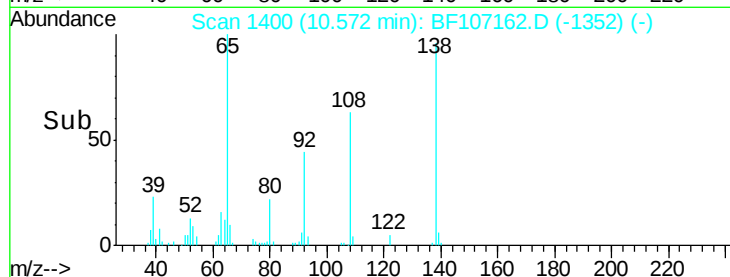
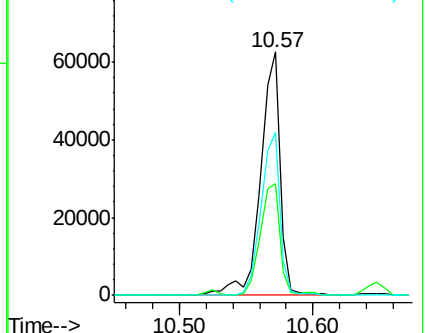
108 66.8 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.036 ng

RT: 10.69 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Tgt Ion: 77 Resp: 308635

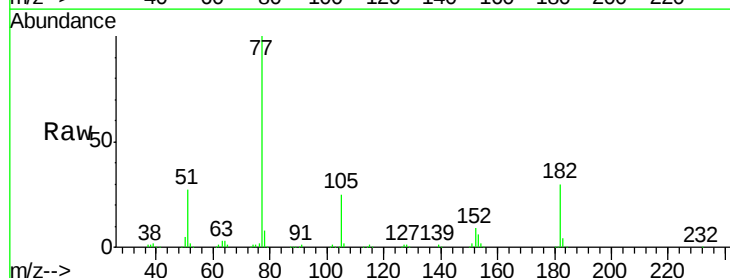
Ion Ratio Lower Upper

77 100

182 29.6 1.7 41.7

105 24.6 3.0 43.0

51 27.2 9.9 49.9

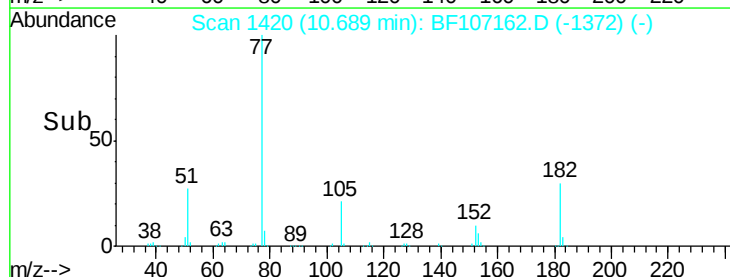
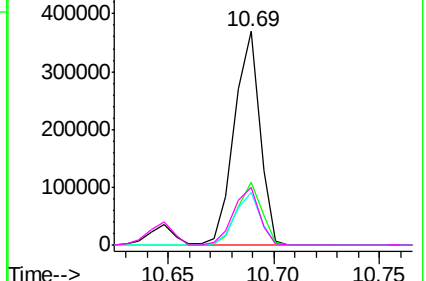


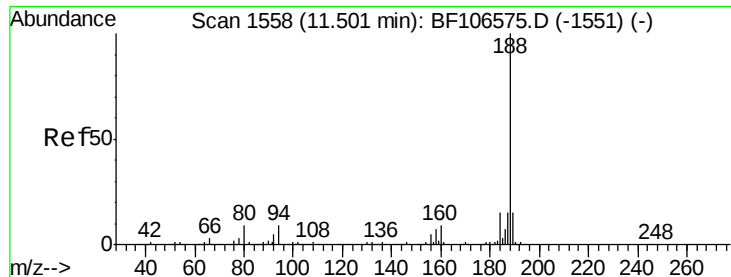
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampled :

PB110854BS

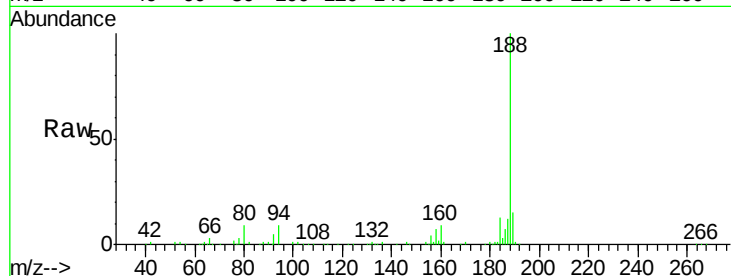
Tgt Ion:188 Resp: 178907

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

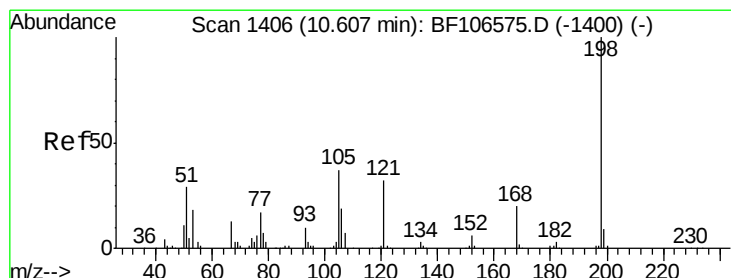
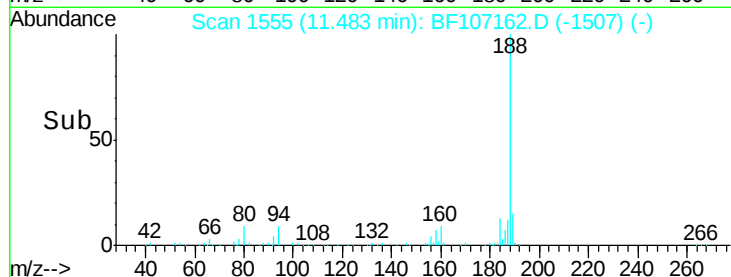
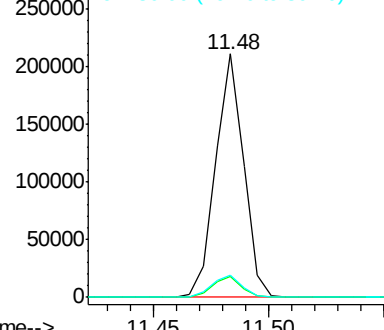
80 9.1 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 21.816 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

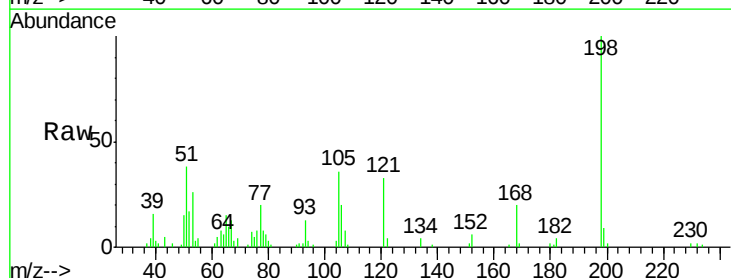
Tgt Ion:198 Resp: 24126

Ion Ratio Lower Upper

198 100

51 37.8 37.7 77.7

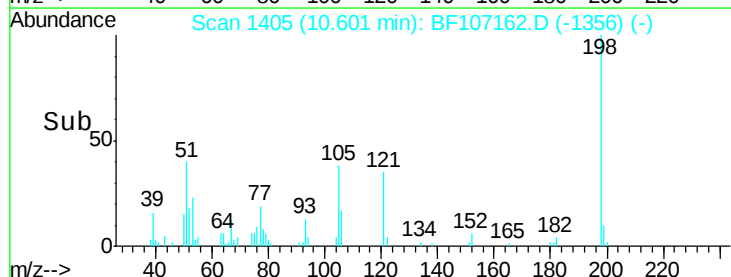
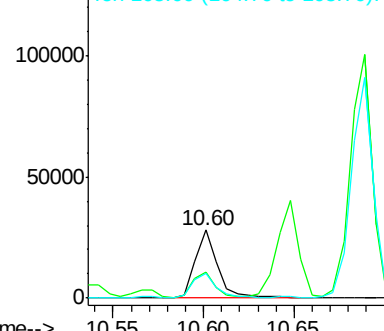
105 35.8 36.3 76.3#

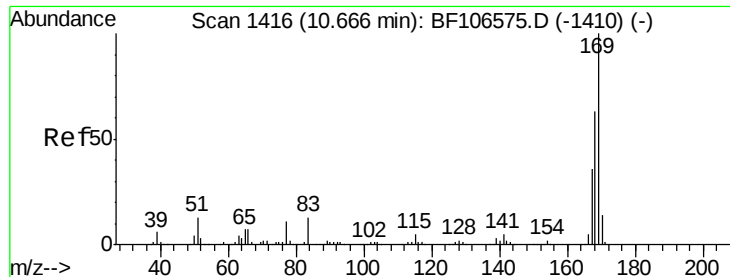


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

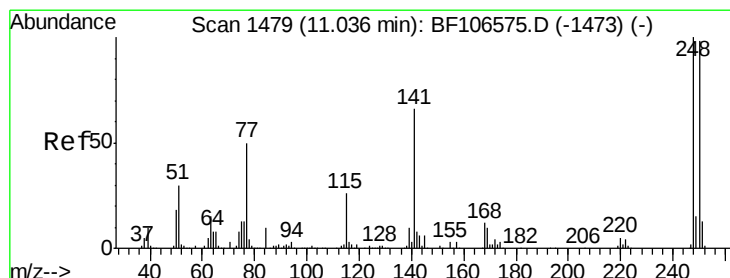
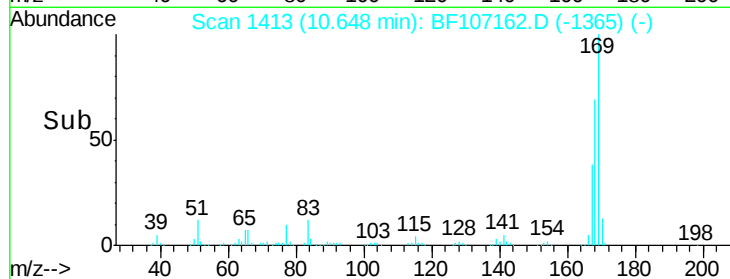
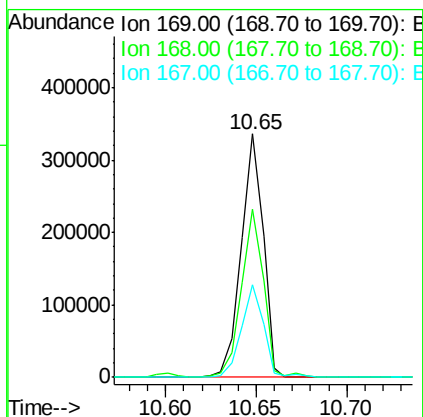
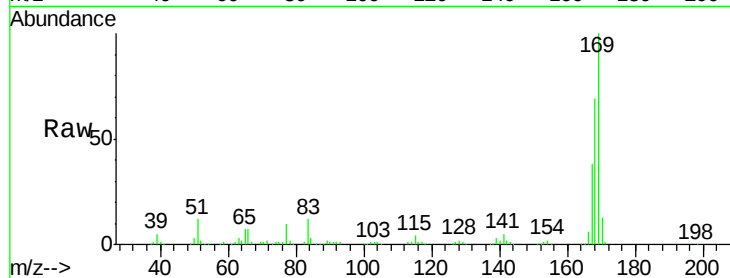




#65
n-Nitrosodiphenylamine
Concen: 47.077 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

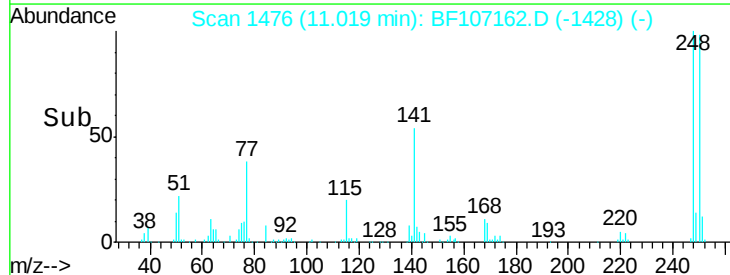
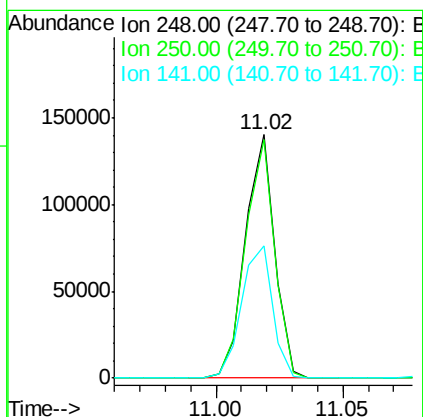
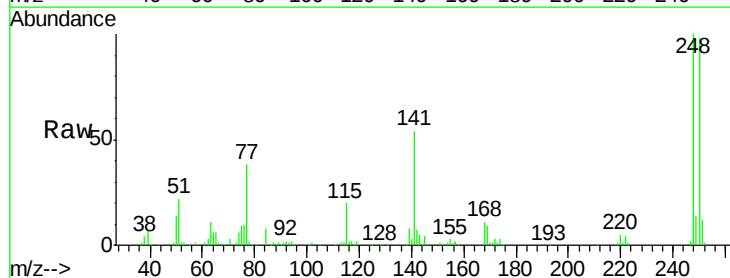
Instrument :
BNA_F
ClientSampleId :
PB110854BS

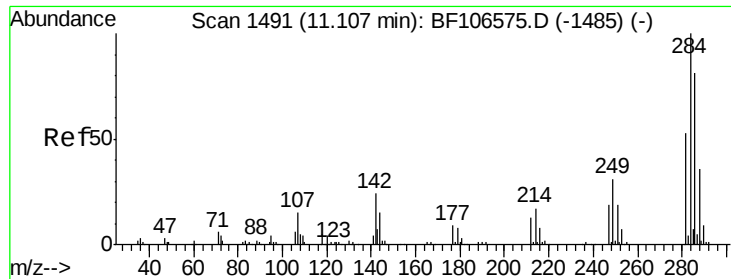
Tgt Ion:169 Resp: 283288
Ion Ratio Lower Upper
169 100
168 69.3 54.4 81.6
167 37.8 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 52.818 ng
RT: 11.02 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion:248 Resp: 112774
Ion Ratio Lower Upper
248 100
250 98.1 76.9 115.3
141 54.3 74.4 111.6#





#67

Hexachlorobenzene

Concen: 49.915 ng

RT: 11.09 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

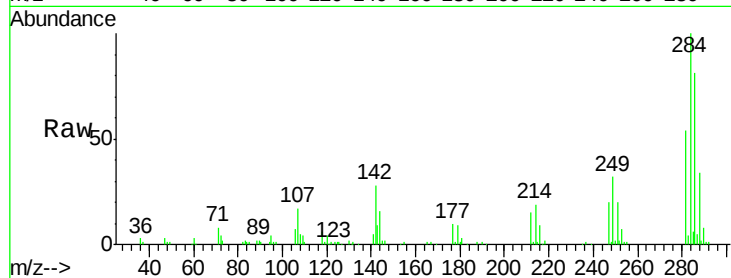
Tgt Ion:284 Resp: 111547

Ion Ratio Lower Upper

284 100

142 27.6 34.6 52.0#

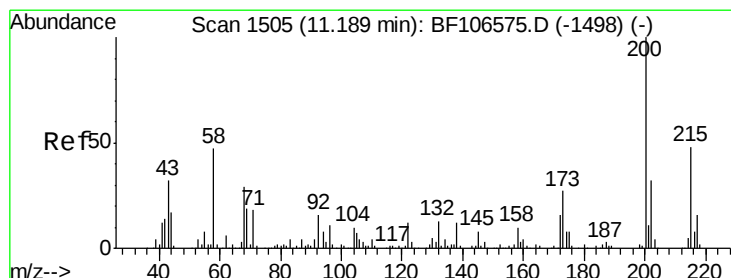
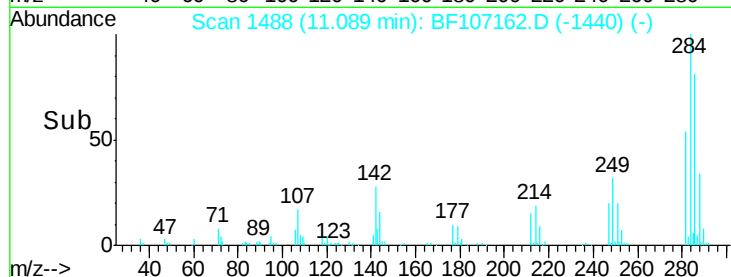
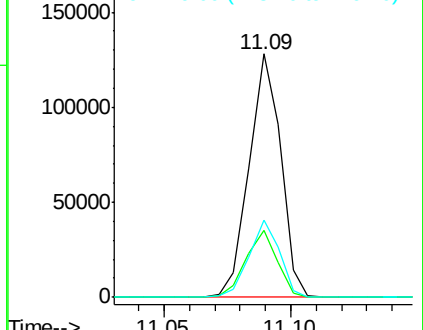
249 31.7 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 51.938 ng

RT: 11.17 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

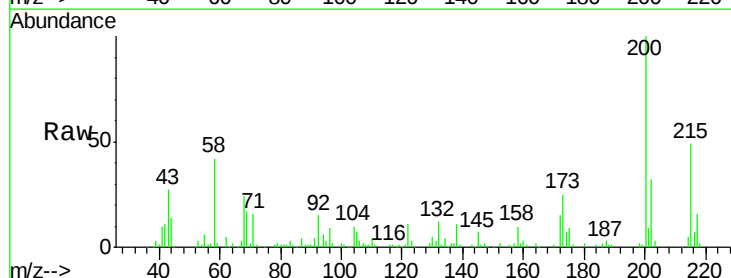
Tgt Ion:200 Resp: 99358

Ion Ratio Lower Upper

200 100

173 25.1 8.6 48.6

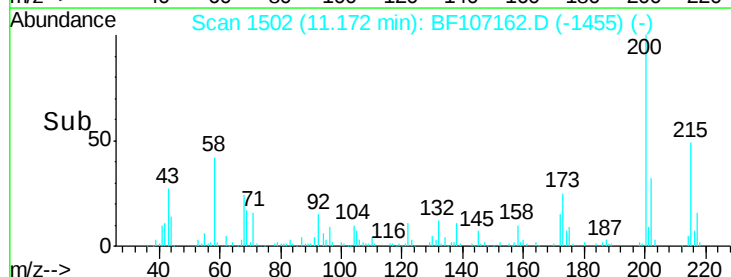
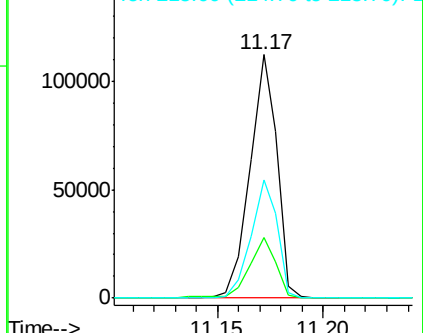
215 48.6 25.1 65.1

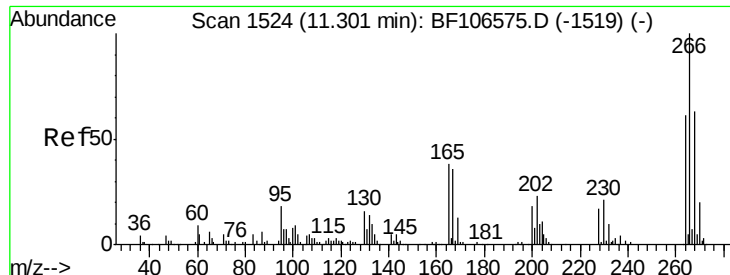


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

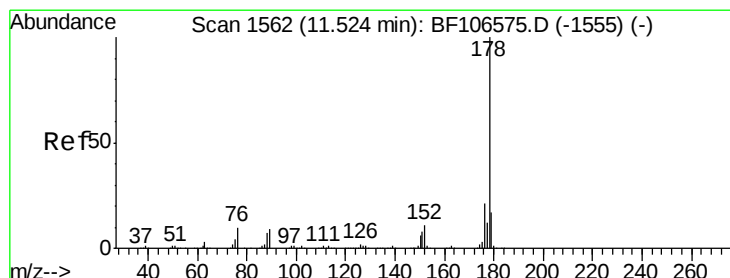
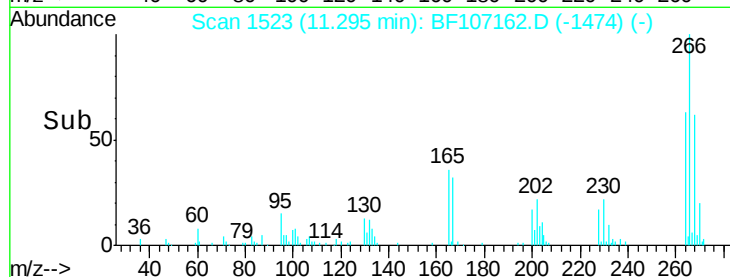
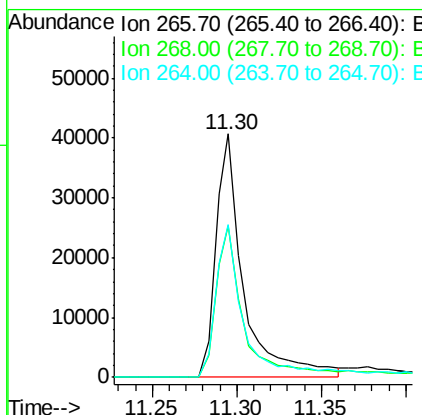
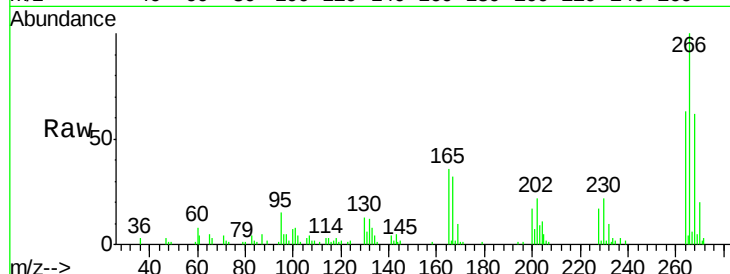




#69
 Pentachlorophenol
 Concen: 41.914 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

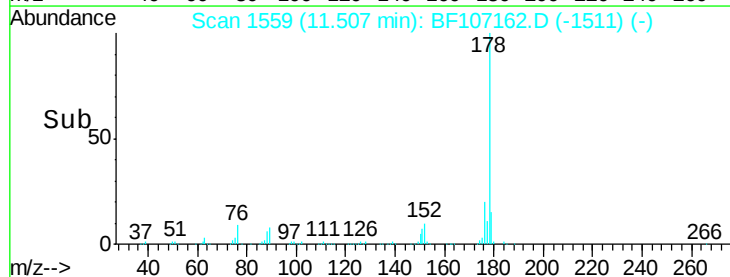
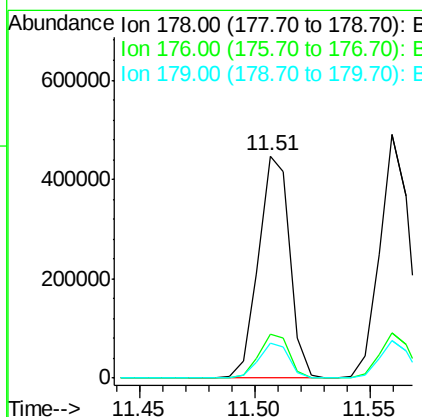
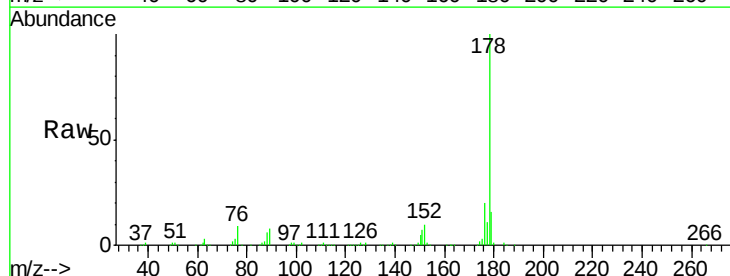
Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

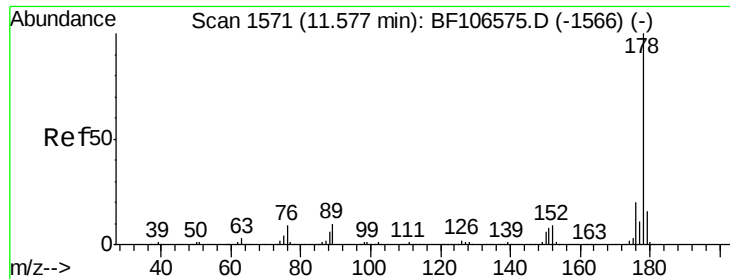
Tgt Ion: 266 Resp: 46736
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.1 76.7
 264 62.8 49.5 74.3



#70
 Phenanthrene
 Concen: 48.909 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion: 178 Resp: 422037
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.7 13.0 19.6

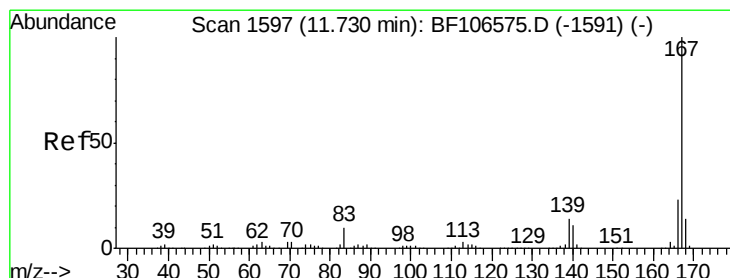
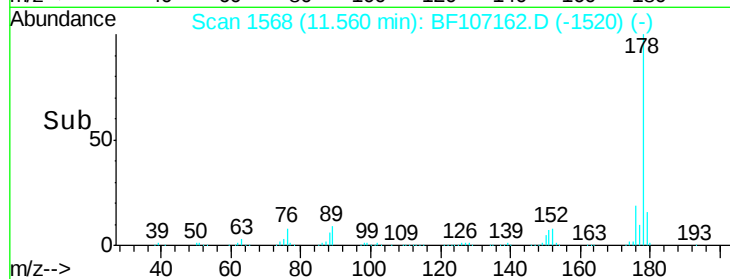
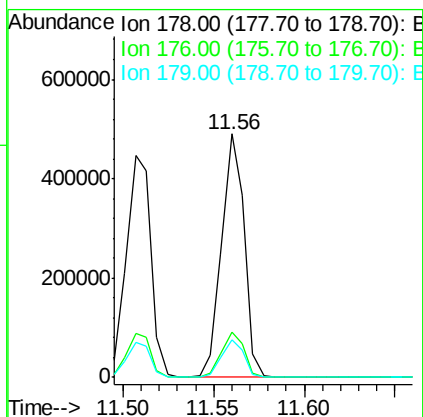
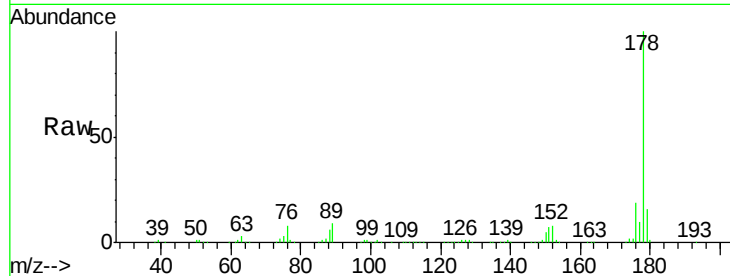




#71
 Anthracene
 Concen: 48.436 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

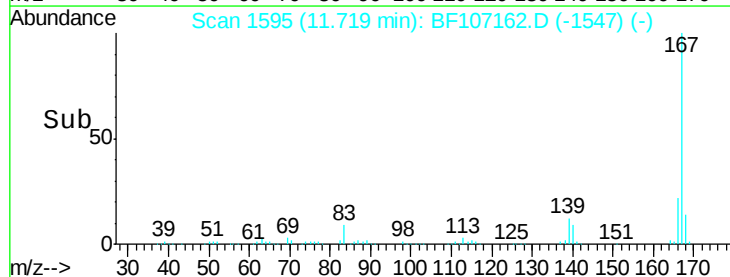
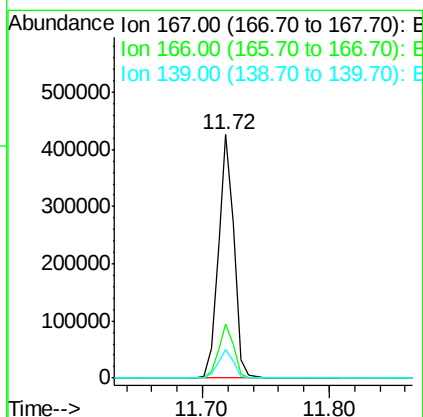
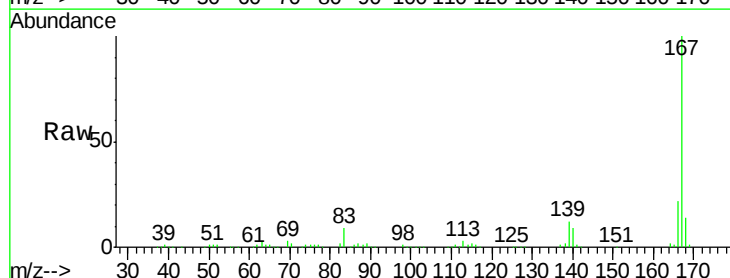
Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

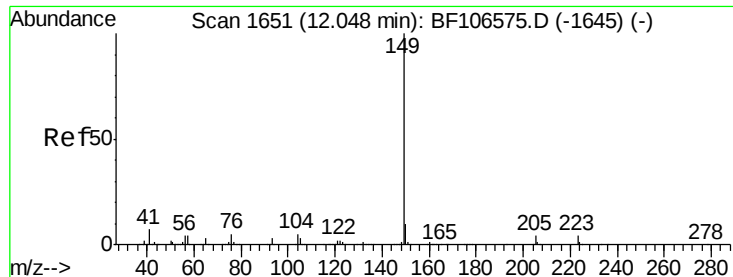
Tgt Ion:178 Resp: 426612
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 44.525 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion:167 Resp: 367163
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 11.6 10.9 16.3

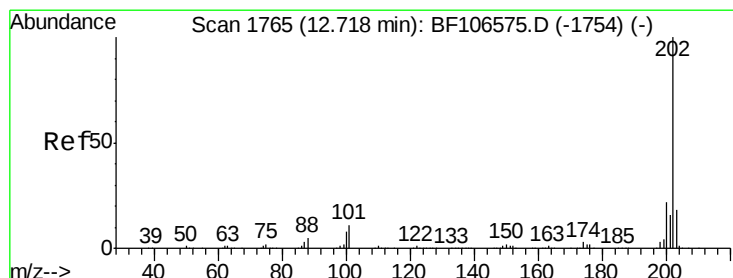
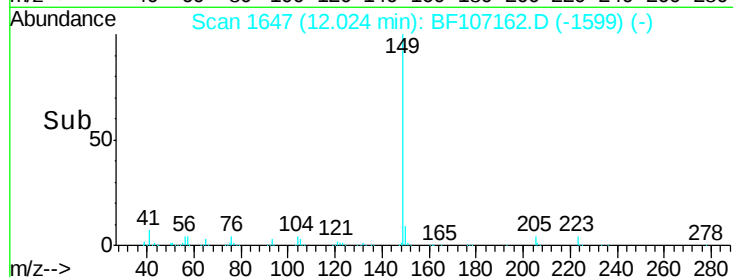
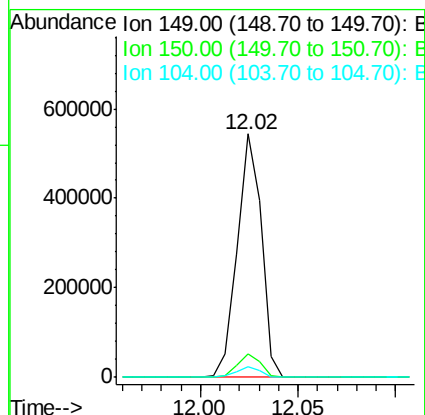
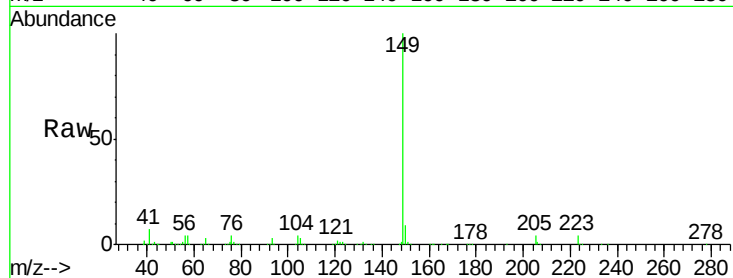




#73
Di-n-butylphthalate
Concen: 48.044 ng
RT: 12.02 min Scan# 1647
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

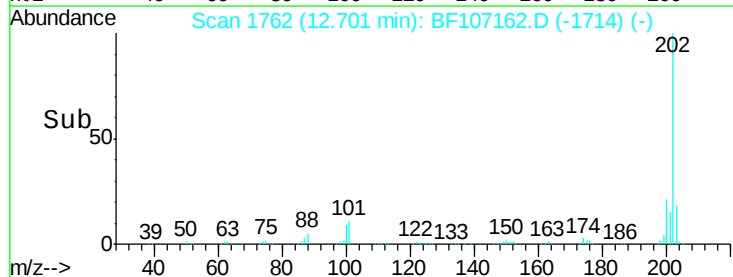
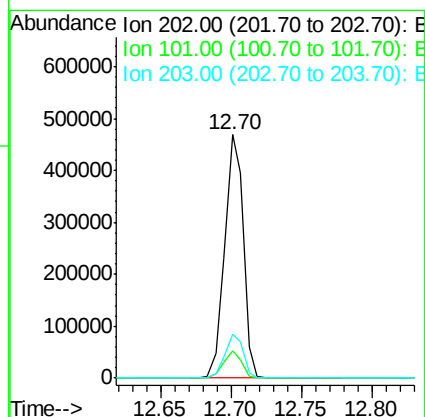
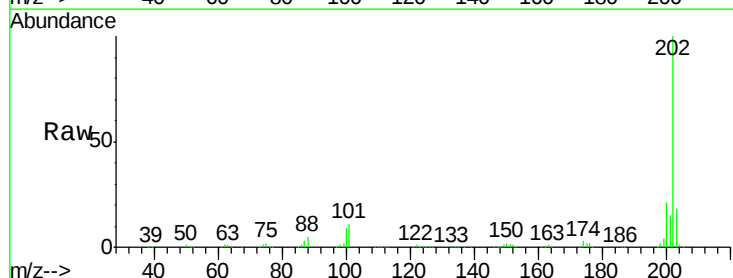
Instrument :
BNA_F
ClientSampleId :
PB110854BS

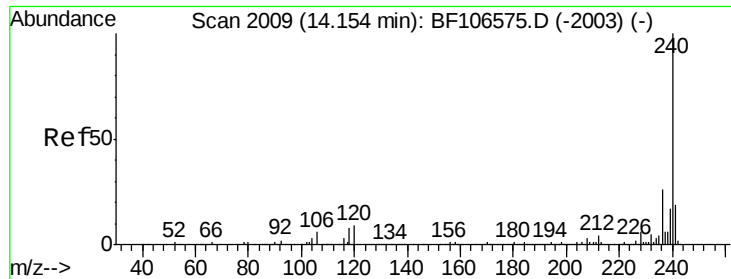
Tgt Ion:149 Resp: 466736
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 45.062 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion:202 Resp: 428578
Ion Ratio Lower Upper
202 100
101 11.3 0.0 34.1
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

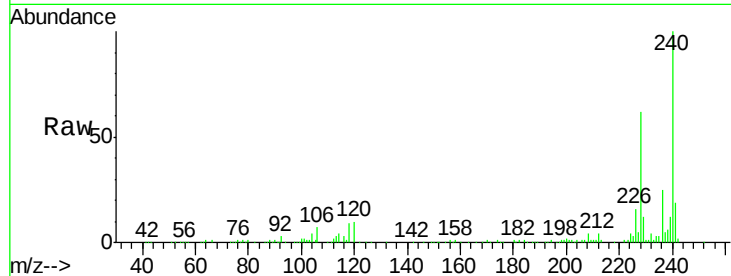
Tgt Ion:240 Resp: 152715

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

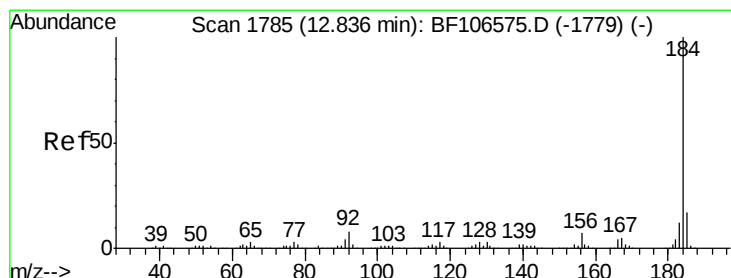
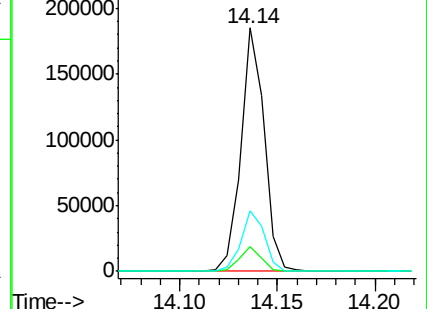
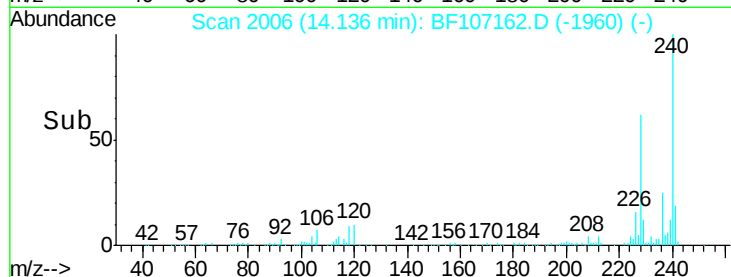
236 24.9 20.7 31.1



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: 59.343 ng

RT: 12.82 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

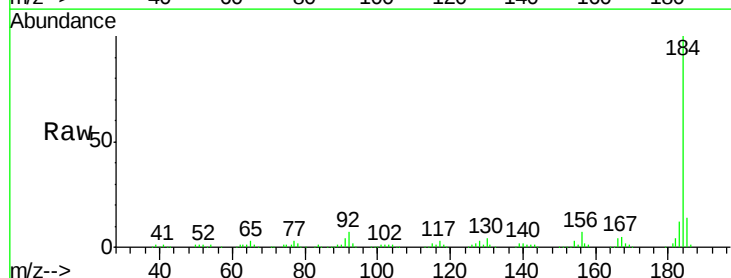
Tgt Ion:184 Resp: 258098

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

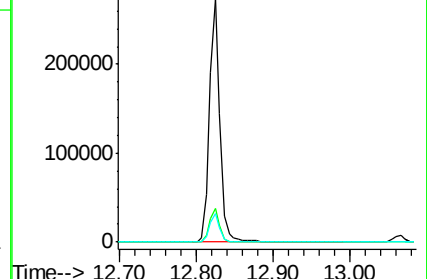
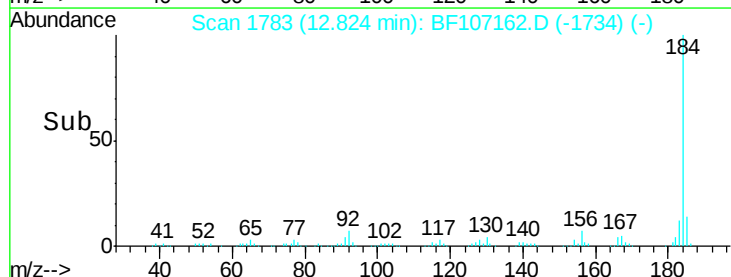
183 11.5 9.3 13.9

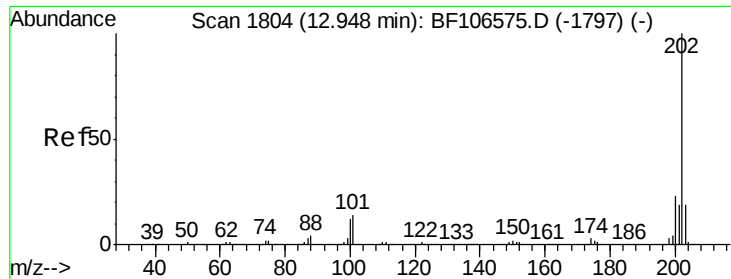


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

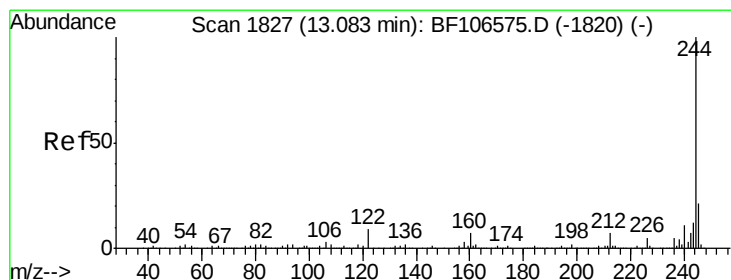
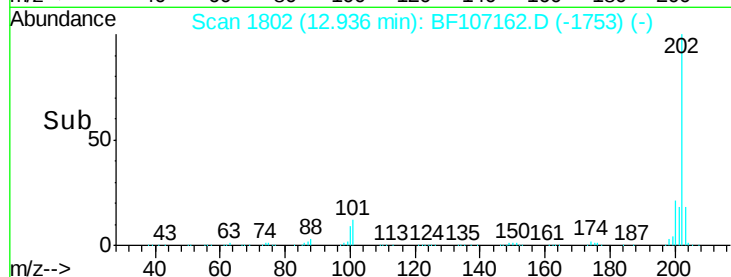
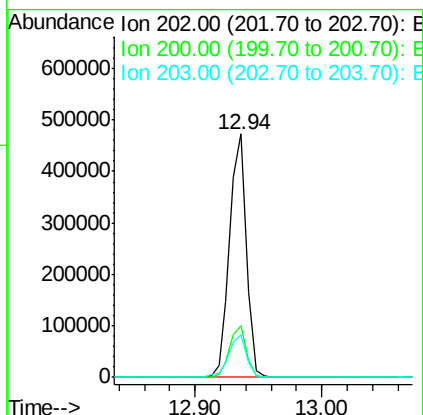
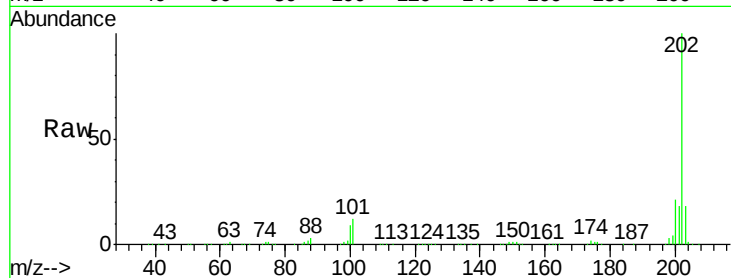




#77
 Pyrene
 Concen: 42.795 ng
 RT: 12.94 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

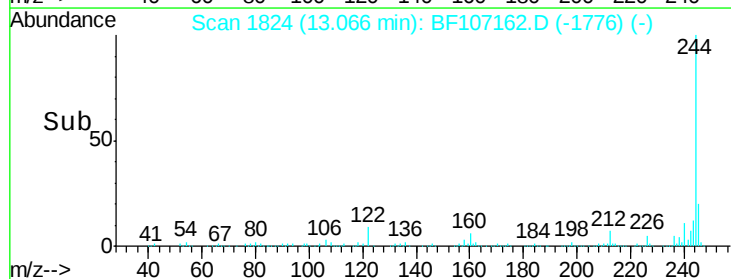
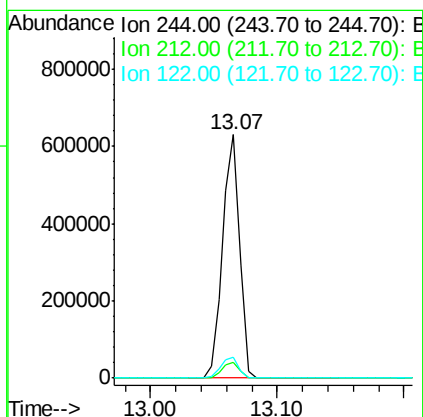
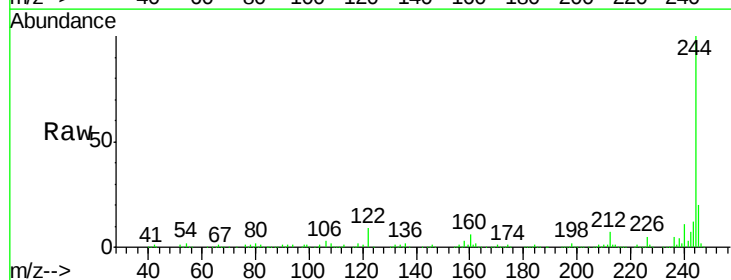
Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

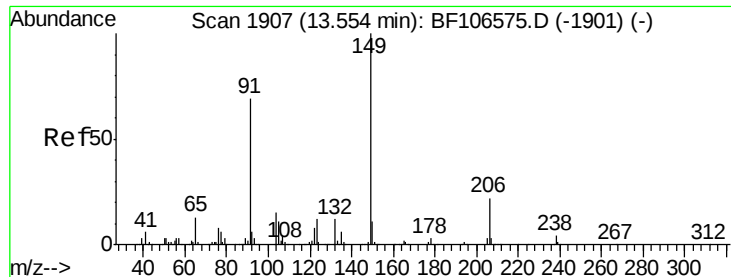
Tgt Ion: 202 Resp: 430965
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.4 26.2
 203 17.7 14.3 21.5



#78
 Terphenyl-d14
 Concen: 93.476 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion: 244 Resp: 589324
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.8 11.0 16.4#

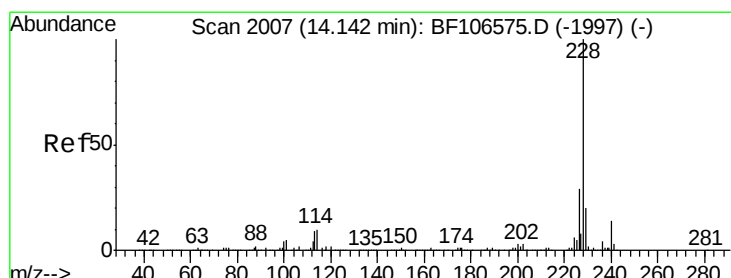
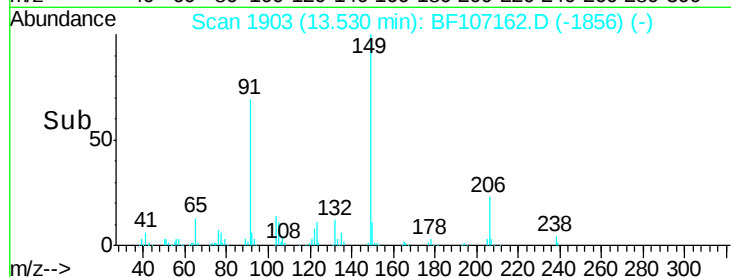
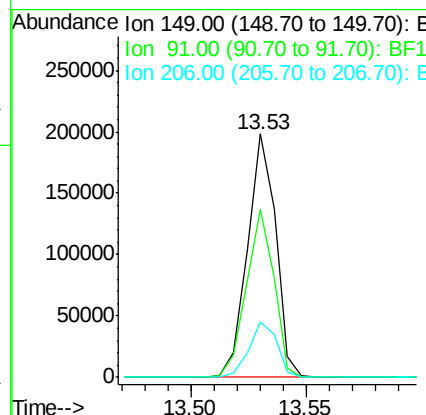
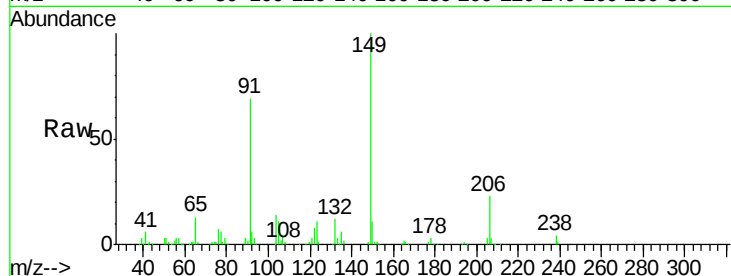




#79
Butylbenzylphthalate
Concen: 40.852 ng
RT: 13.53 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

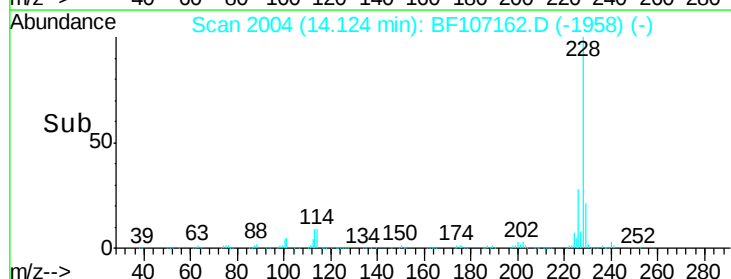
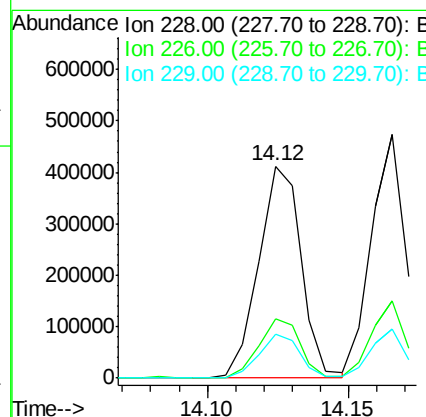
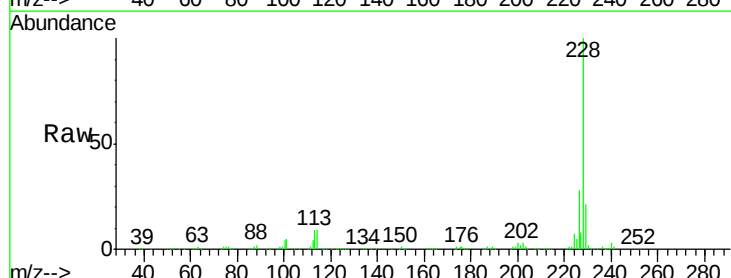
Instrument :
BNA_F
ClientSampleId :
PB110854BS

Tgt Ion:149 Resp: 169147
Ion Ratio Lower Upper
149 100
91 69.2 56.8 85.2
206 22.7 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 46.410 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion:228 Resp: 431968
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.7 15.8 23.6

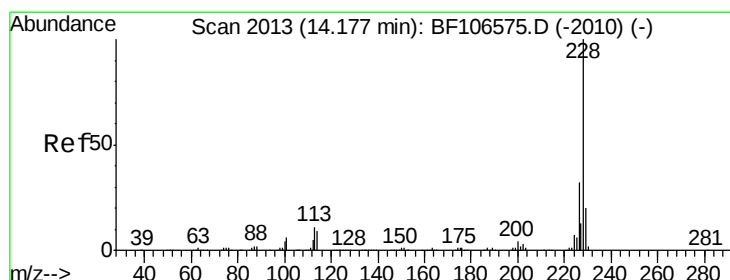
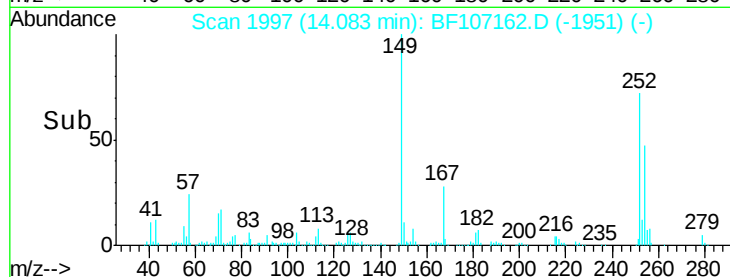
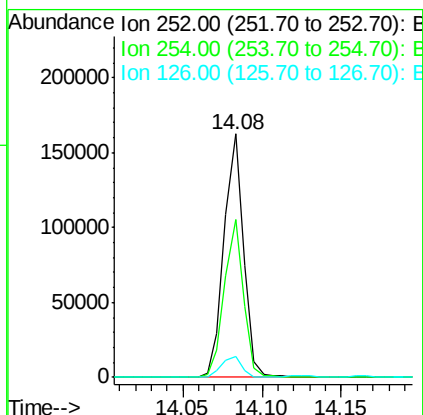
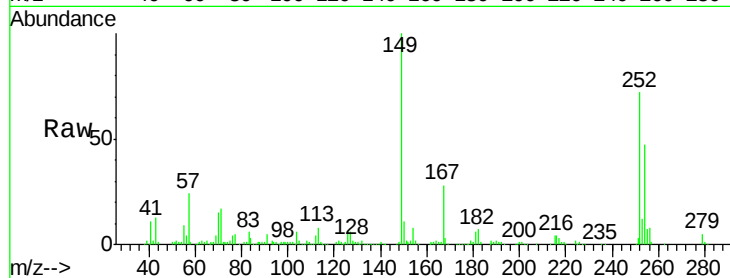




#81
 3,3'-Dichlorobenzidine
 Concen: 42.451 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

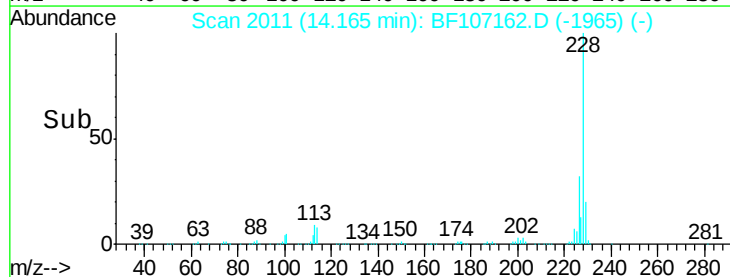
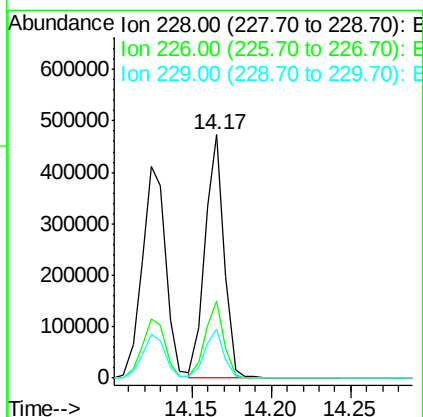
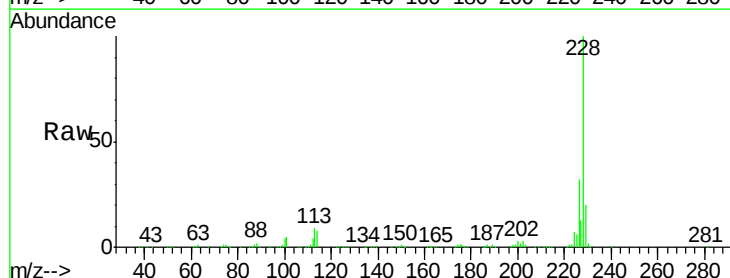
Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

Tgt Ion:252 Resp: 138867
 Ion Ratio Lower Upper
 252 100
 254 65.1 50.4 75.6
 126 8.6 11.3 16.9#



#82
 Chrysene
 Concen: 46.459 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.03 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion:228 Resp: 397825
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.0 37.6
 229 19.9 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.606 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

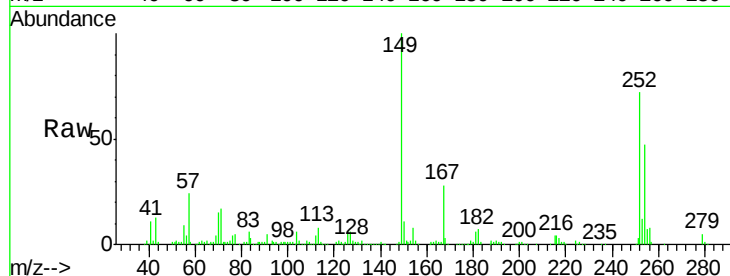
Tgt Ion:149 Resp: 214949

Ion Ratio Lower Upper

149 100

167 28.4 21.3 31.9

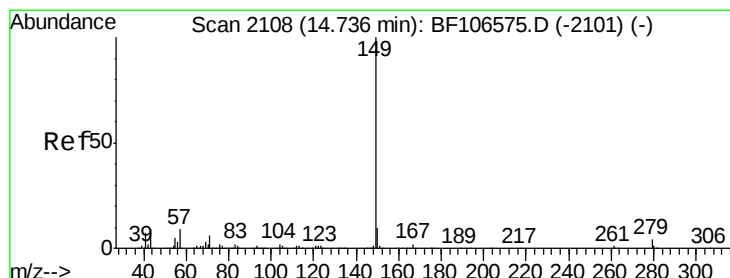
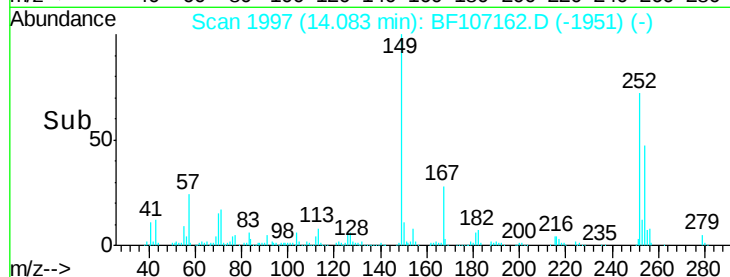
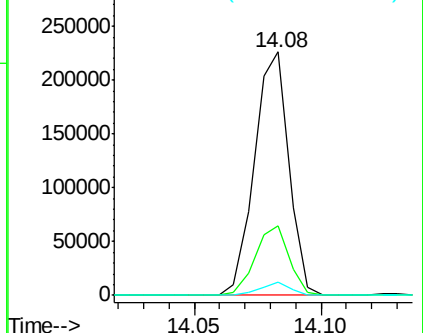
279 5.2 3.0 4.4#



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: 46.825 ng

RT: 14.71 min Scan# 2103

Delta R.T. -0.06 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

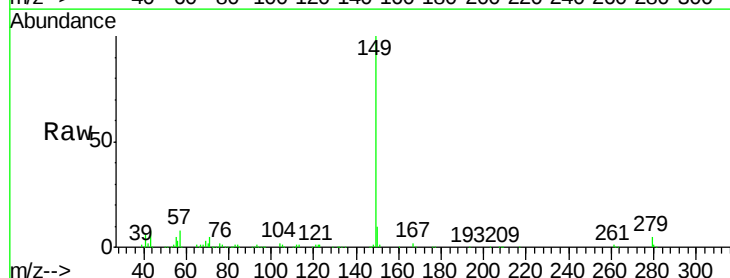
Tgt Ion:149 Resp: 404030

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

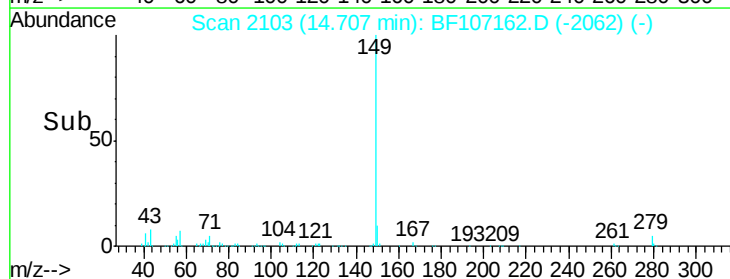
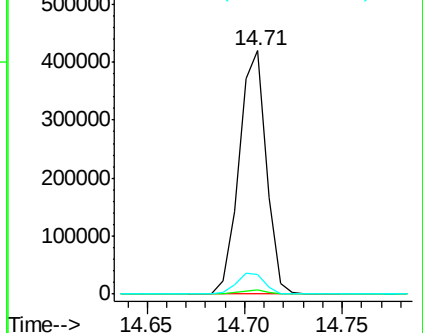
43 8.8 8.4 12.6

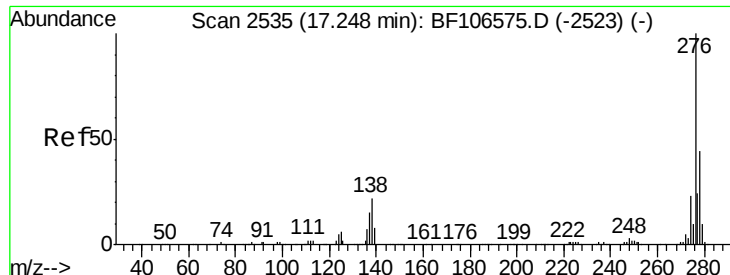


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

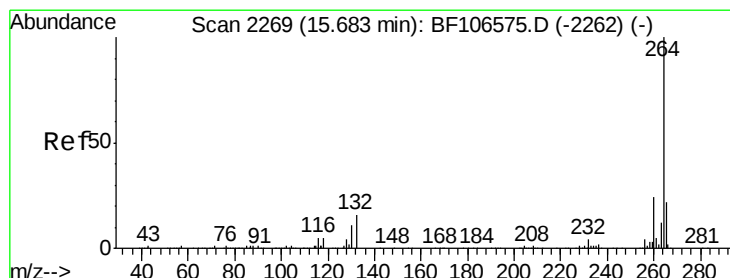
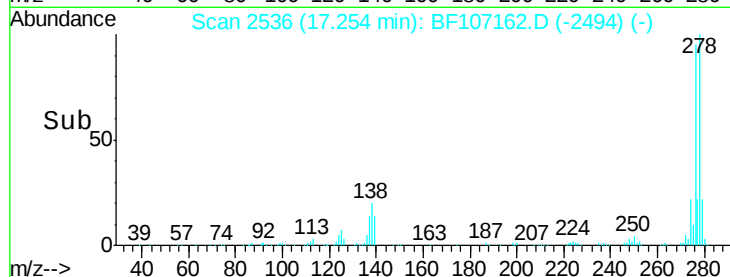
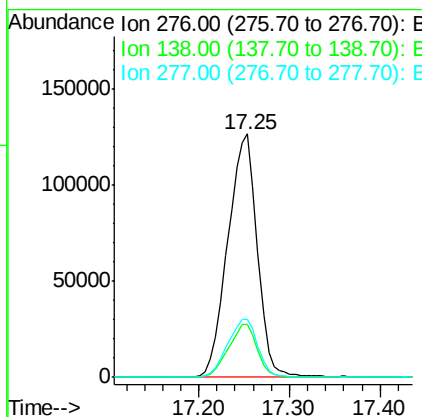
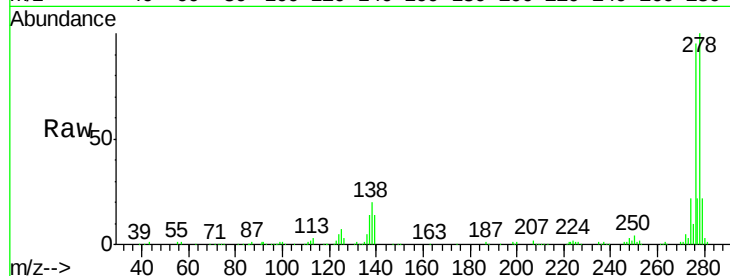




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.496 ng
 RT: 17.25 min Scan# 2536
 Delta R.T. -0.05 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

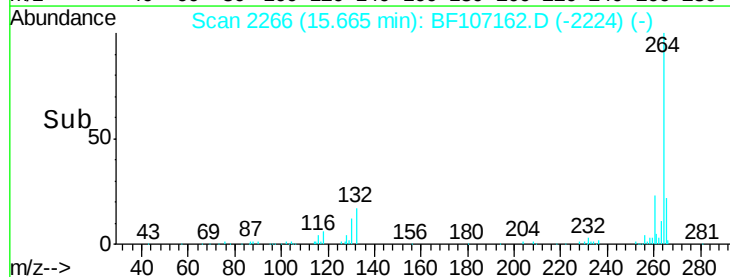
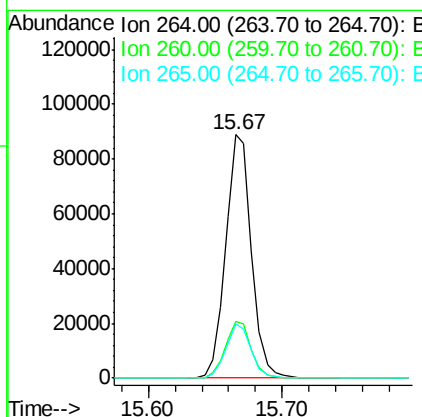
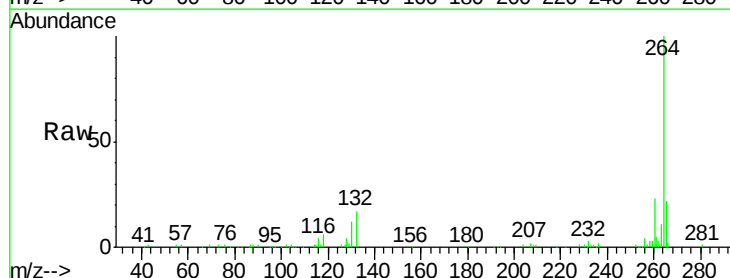
Instrument :
 BNA_F
 ClientSampleId :
 PB110854BS

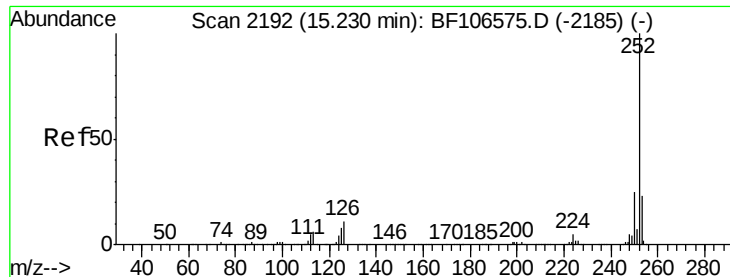
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	25.0	37.6#
277	24.5	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107162.D
 Acq: 6 Jul 2018 9:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.0	17.5	26.3

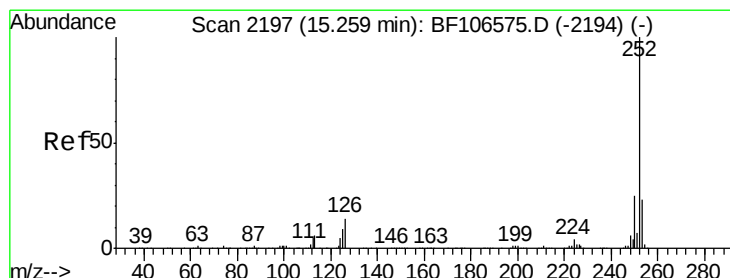
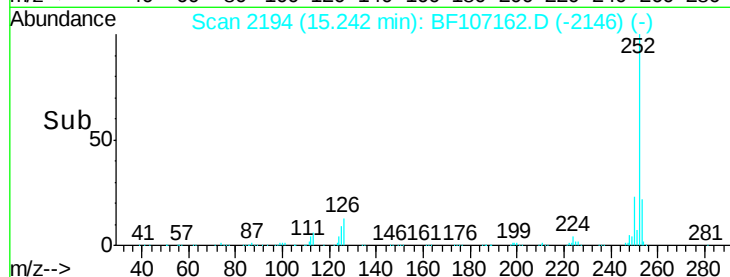
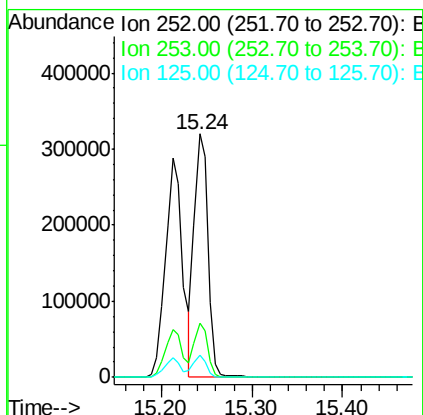
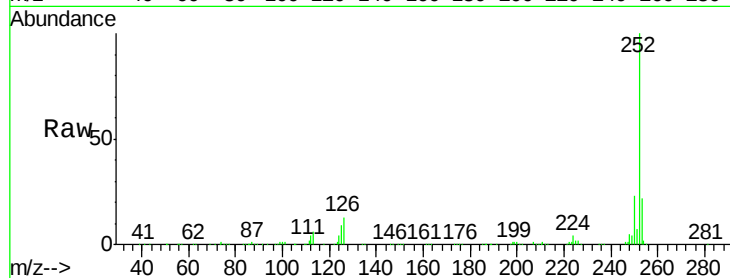




#87
Benzo(b)fluoranthene
Concen: 44.726 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

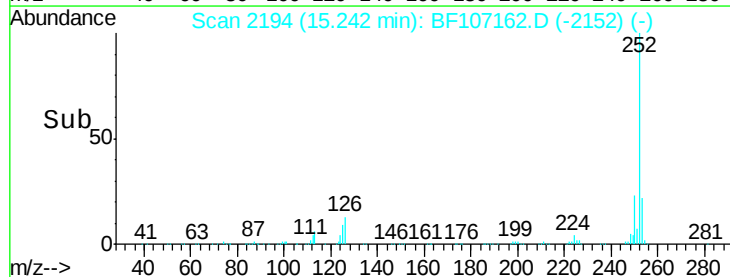
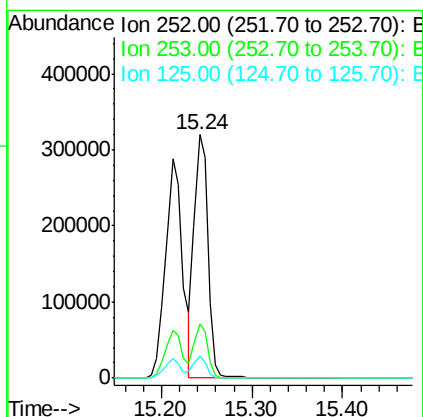
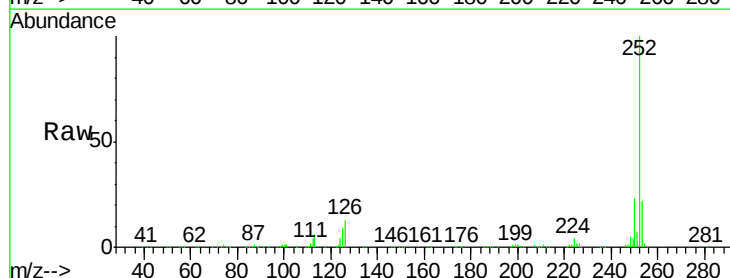
Instrument :
BNA_F
ClientSampleId :
PB110854BS

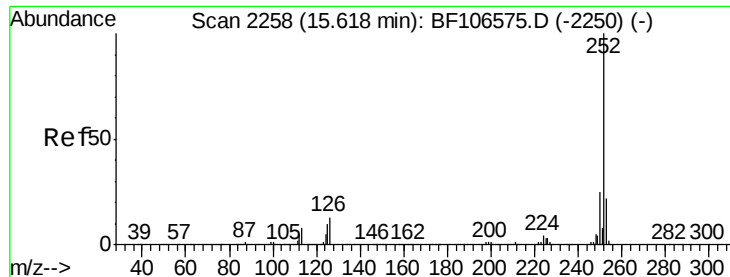
Tgt Ion:252 Resp: 333985
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 9.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 46.966 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF107162.D
Acq: 6 Jul 2018 9:35

Tgt Ion:252 Resp: 333985
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 9.1 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 48.056 ng

RT: 15.61 min Scan# 2256

Delta R.T. -0.05 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS

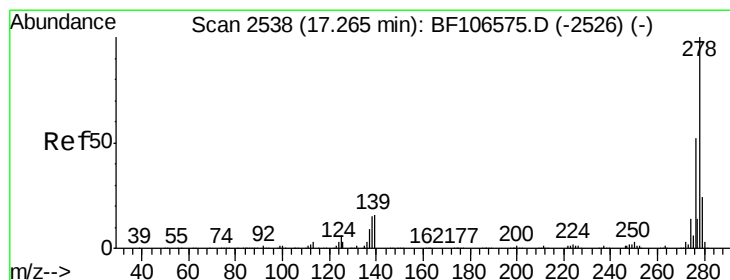
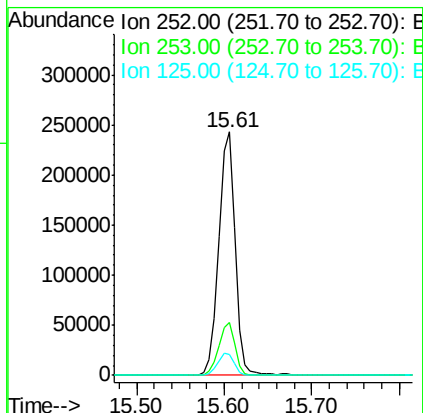
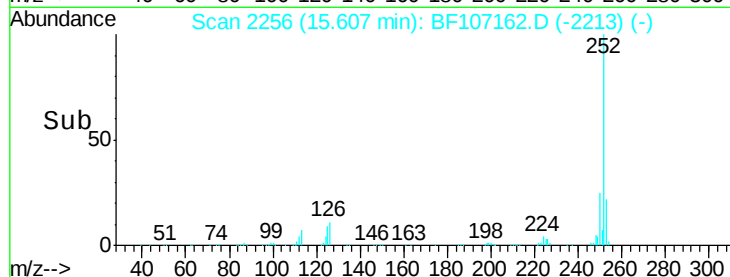
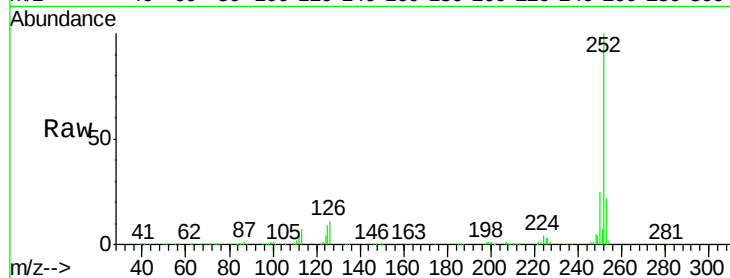
Tgt Ion:252 Resp: 319014

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 8.8 9.8 14.6#



#90

Dibenzo(a,h)anthracene

Concen: 43.111 ng

RT: 17.25 min Scan# 2536

Delta R.T. -0.07 min

Lab File: BF107162.D

Acq: 6 Jul 2018 9:35

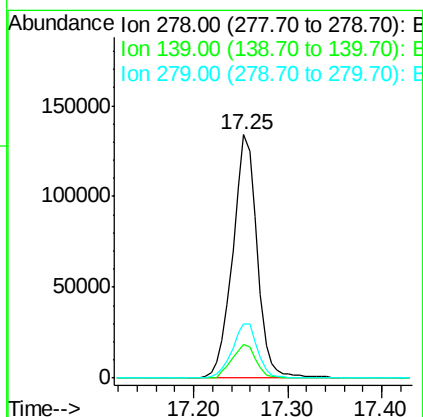
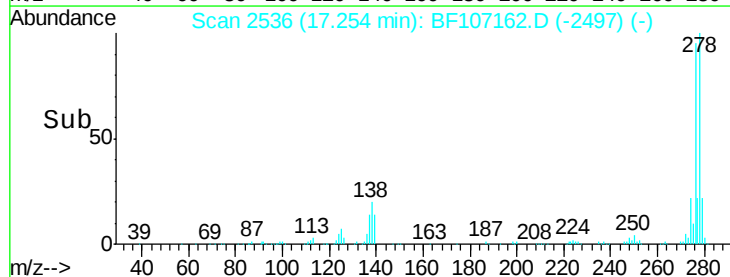
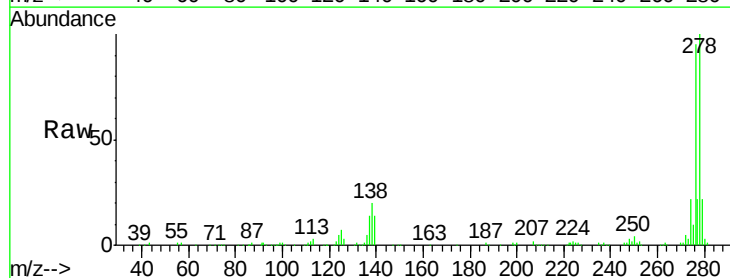
Tgt Ion:278 Resp: 242539

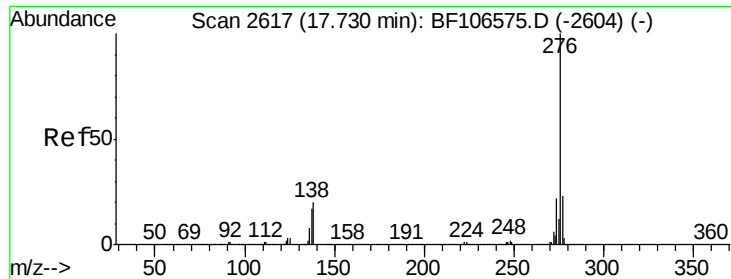
Ion Ratio Lower Upper

278 100

139 14.1 15.9 23.9#

279 22.4 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 43.159 ng

RT: 17.73 min Scan# 2617

Delta R.T. -0.06 min

Lab File: BF107162.D

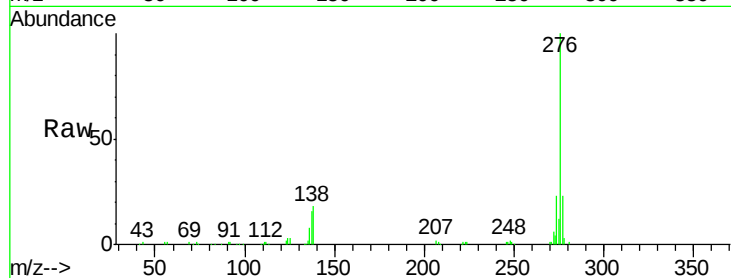
Acq: 6 Jul 2018 9:35

Instrument :

BNA_F

ClientSampleId :

PB110854BS



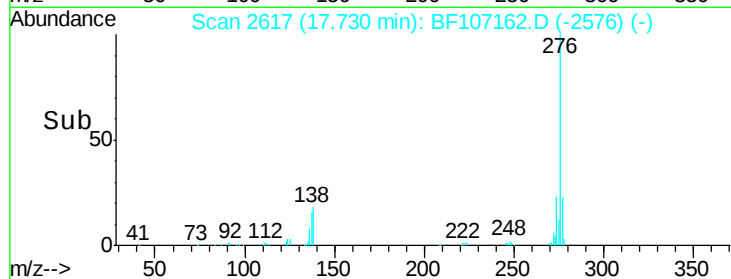
Tgt Ion: 276 Resp: 237327

Ion Ratio Lower Upper

276 100

277 22.6 17.9 26.9

138 18.0 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

