

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062118\
 Data File : BF106652.D
 Acq On : 21 Jun 2018 10:58
 Operator : JU/SJ
 Sample : PB110418BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

Quant Time: Jun 21 14:07:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	87454	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	342857	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	193723	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	420921	20.00	ng	0.00
75) Chrysene-d12	14.18	240	343260	20.00	ng	0.02
86) Perylene-d12	15.74	264	289790	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	608287	117.78	ng	0.01
7) Phenol-d6	6.61	99	781876	121.23	ng	0.00
23) Nitrobenzene-d5	7.53	82	534719	86.67	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	318035	141.64	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	997223	87.58	ng	0.00
78) Terphenyl-d14	13.08	244	1329327	93.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	83988	31.631	ng	97
3) Pyridine	3.64	79	253741	35.237	ng	98
4) n-Nitrosodimethylamine	3.60	42	109065	35.660	ng	89
6) Aniline	6.63	93	277419	31.709	ng	# 70
8) 2-Chlorophenol	6.76	128	234298	41.361	ng	97
9) Benzaldehyde	6.51	77	119254	24.427	ng	99
10) Phenol	6.62	94	282988	38.446	ng	# 72
11) bis(2-Chloroethyl)ether	6.70	93	238623	39.270	ng	98
12) 1,3-Dichlorobenzene	6.90	146	265891	40.076	ng	98
13) 1,4-Dichlorobenzene	6.98	146	267689	39.908	ng	99
14) 1,2-Dichlorobenzene	7.13	146	249857	40.645	ng	98
15) Benzyl Alcohol	7.11	79	212316	40.997	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	343805	43.123	ng	63
17) 2-Methylphenol	7.22	107	204718	42.230	ng	# 91
18) Hexachloroethane	7.47	117	93838	39.782	ng	# 88
19) n-Nitroso-di-n-propylamine	7.37	70	162573	38.240	ng	95
20) 3+4-Methylphenols	7.38	107	249759	48.918	ng	88
22) Acetophenone	7.37	105	316886	41.312	ng	# 95
24) Nitrobenzene	7.55	77	263807	41.883	ng	99
25) Isophorone	7.78	82	494241	45.462	ng	100
26) 2-Nitrophenol	7.86	139	136687	45.969	ng	97
27) 2,4-Dimethylphenol	7.90	122	223423	48.614	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	314478	43.083	ng	99
29) 2,4-Dichlorophenol	8.11	162	222986	46.343	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	235671	44.462	ng	98
31) Naphthalene	8.27	128	683275	42.626	ng	99
32) Benzoic acid	8.03	122	114412	35.869	ng	97
33) 4-Chloroaniline	8.31	127	166083	24.693	ng	97
34) Hexachlorobutadiene	8.38	225	154837	44.831	ng	99
35) Caprolactam	8.70	113	44468	28.352	ng	92
36) 4-Chloro-3-methylphenol	8.81	107	243741	48.127	ng	96
37) 2-Methylnaphthalene	8.96	142	519820	48.925	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	268056	41.088	ng	97
40) Hexachlorocyclopentadiene	9.11	237	316967	94.432	ng	98

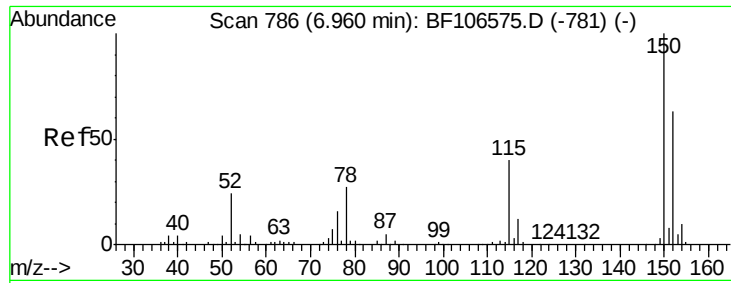
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	176097	40.607	ng	93
43) 2,4,5-Trichlorophenol	9.29	196	185968	41.097	ng	91
45) 1,1'-Biphenyl	9.42	154	622898	40.346	ng	98
46) 2-Chloronaphthalene	9.45	162	469550	38.638	ng	95
47) 2-Nitroaniline	9.55	65	162201	39.692	ng	89
48) Acenaphthylene	9.87	152	754362	39.318	ng	98
49) Dimethylphthalate	9.72	163	597034	41.091	ng	99
50) 2,6-Dinitrotoluene	9.79	165	140997	45.828	ng	95
51) Acenaphthene	10.04	154	460860	38.145	ng	99
52) 3-Nitroaniline	9.97	138	99185	28.015	ng	93
53) 2,4-Dinitrophenol	10.07	184	156565	96.679	ng #	21
54) Dibenzofuran	10.21	168	715162	43.228	ng	99
55) 4-Nitrophenol	10.15	139	184994	74.858	ng	96
56) 2,4-Dinitrotoluene	10.20	165	192563	47.950	ng #	83
57) Fluorene	10.56	166	563357	42.912	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	175607	48.819	ng #	80
59) Diethylphthalate	10.42	149	582536	41.540	ng #	92
60) 4-Chlorophenyl-phenylether	10.54	204	296031	43.097	ng	89
61) 4-Nitroaniline	10.59	138	152990	43.541	ng	97
62) Azobenzene	10.71	77	565083	40.920	ng	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	119565	45.953	ng #	66
65) n-Nitrosodiphenylamine	10.67	169	512512	36.200	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	215350	42.869	ng #	81
67) Hexachlorobenzene	11.11	284	224974	42.789	ng #	82
68) Atrazine	11.20	200	195408	43.416	ng	94
69) Pentachlorophenol	11.31	266	197753	75.380	ng	99
70) Phenanthrene	11.52	178	858329	42.278	ng	99
71) Anthracene	11.58	178	895783	43.228	ng	99
72) Carbazole	11.74	167	801567	41.316	ng	97
73) Di-n-butylphthalate	12.05	149	918251	40.175	ng	99
74) Fluoranthene	12.72	202	972427	43.457	ng	96
76) Benzidine	12.84	184	467445	47.816	ng	98
77) Pyrene	12.95	202	978150	43.213	ng	98
79) Butylbenzylphthalate	13.56	149	396697	42.625	ng #	96
80) Benzo(a)anthracene	14.17	228	916301	43.799	ng	99
81) 3,3'-Dichlorobenzidine	14.12	252	156391	21.270	ng #	97
82) Chrysene	14.21	228	835762	43.423	ng	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	540754	45.448	ng #	97
84) Di-n-octyl phthalate	14.79	149	820296	42.295	ng	96
85) Indeno(1,2,3-cd)pyrene	17.33	276	762586	46.689	ng #	91
87) Benzo(b)fluoranthene	15.32	252	717670	39.867	ng	96
88) Benzo(k)fluoranthene	15.32	252	717670	41.864	ng #	97
89) Benzo(a)pyrene	15.68	252	704745	44.038	ng #	96
90) Dibenzo(a,h)anthracene	17.35	278	628450	46.338	ng #	94
91) Benzo(g,h,i)perylene	17.81	276	642295	48.453	ng #	91

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

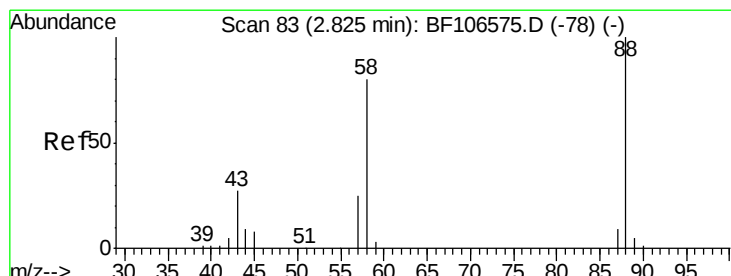
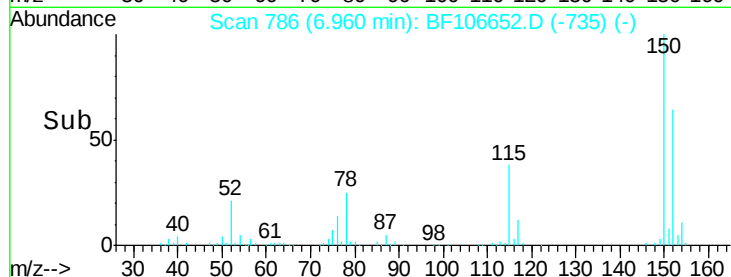
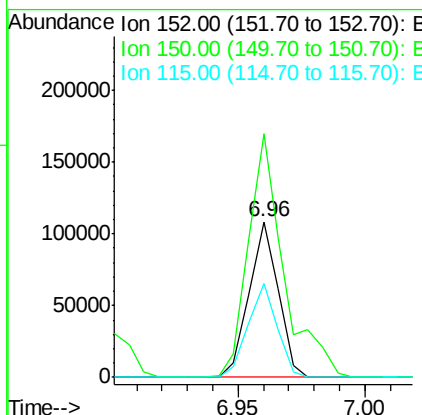
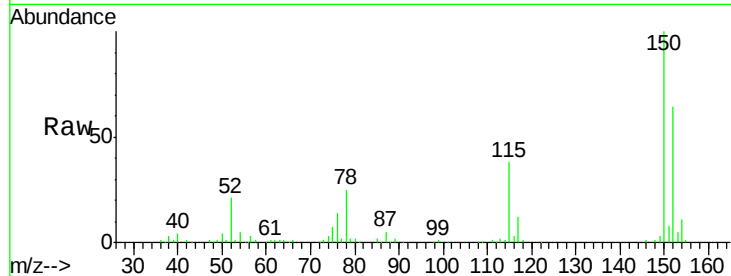


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

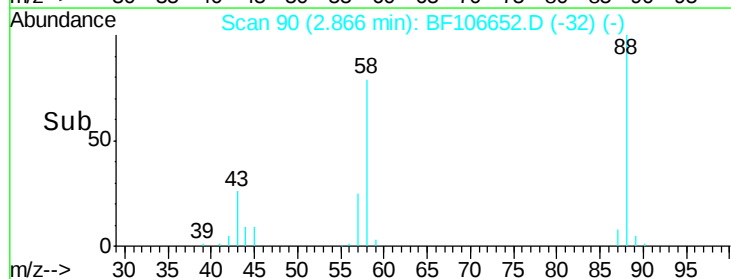
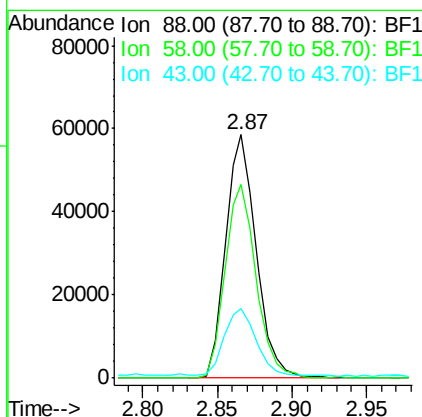
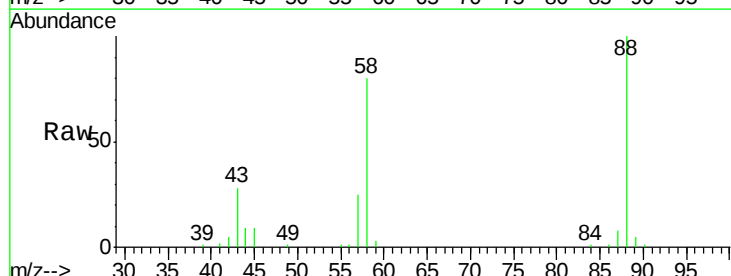
Tgt Ion:152 Resp: 87454
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 60.1 50.1 75.1

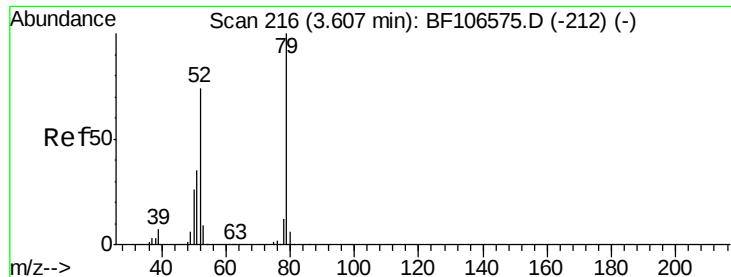


#2

1,4-Dioxane
Concen: 31.631 ng
RT: 2.87 min Scan# 90
Delta R.T. 0.04 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion: 88 Resp: 83988
Ion Ratio Lower Upper
88 100
58 81.0 62.6 93.8
43 28.9 24.6 37.0





#3

Pyridine

Concen: 35.237 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.04 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

ClientSampleId :

PB110418BS

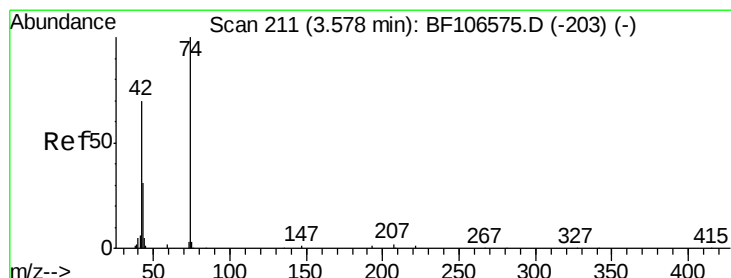
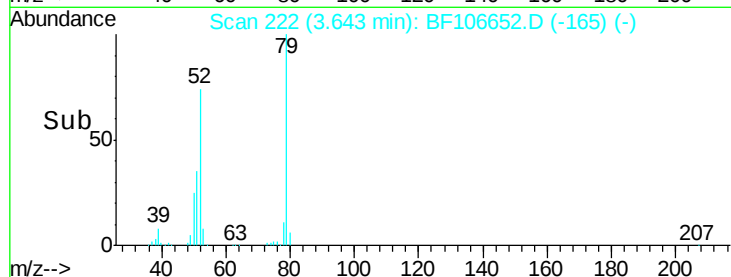
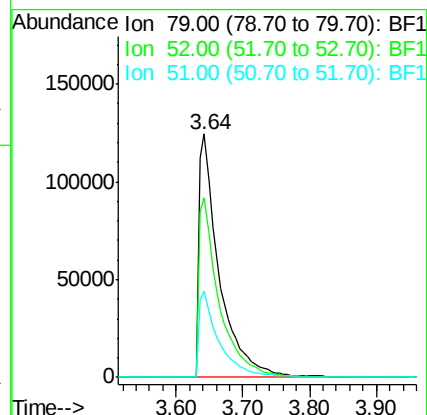
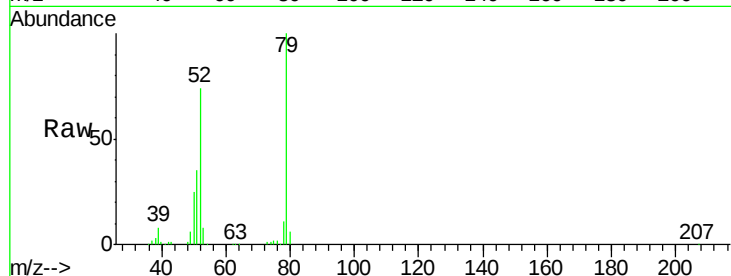
Tgt Ion: 79 Resp: 253741

Ion Ratio Lower Upper

79 100

52 74.0 59.8 89.6

51 35.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 35.660 ng

RT: 3.60 min Scan# 215

Delta R.T. 0.02 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

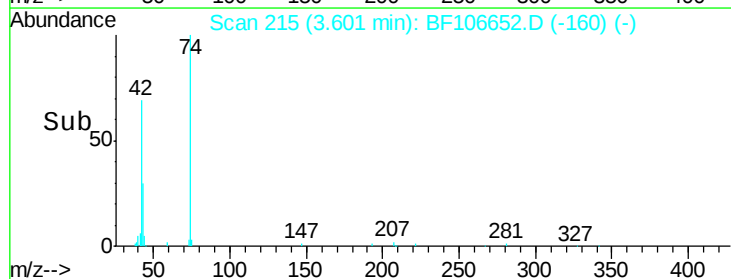
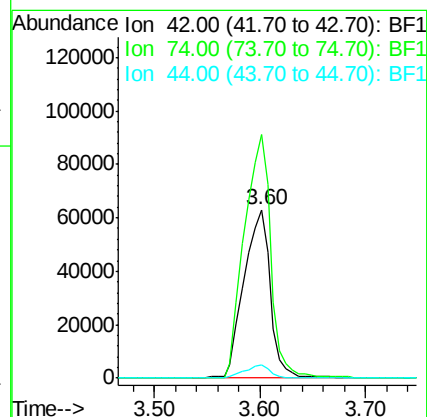
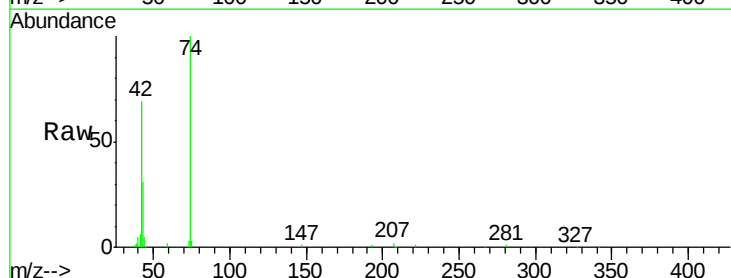
Tgt Ion: 42 Resp: 109065

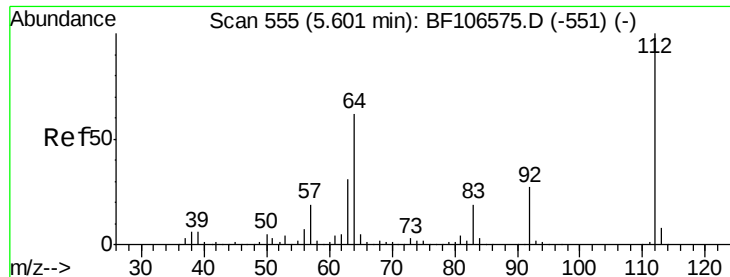
Ion Ratio Lower Upper

42 100

74 144.4 104.9 157.3

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 117.779 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

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ClientSampleId :

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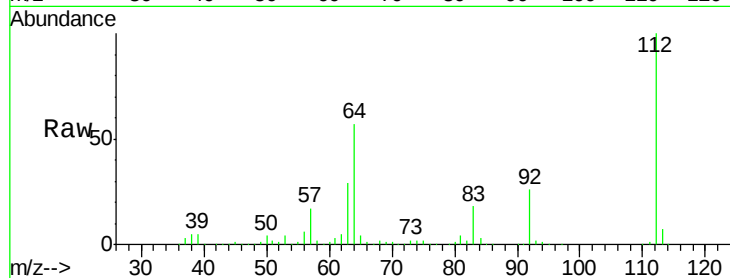
Tgt Ion: 112 Resp: 608287

Ion Ratio Lower Upper

112 100

64 57.2 47.9 71.9

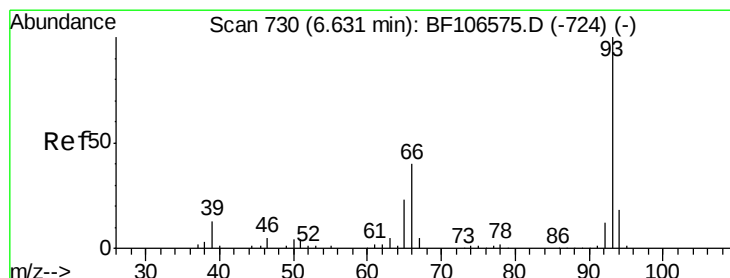
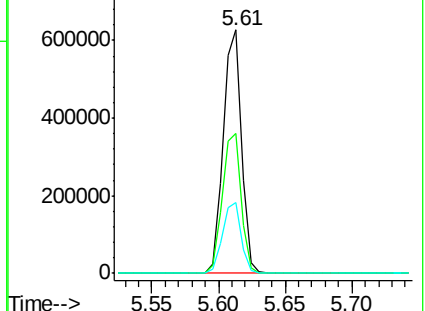
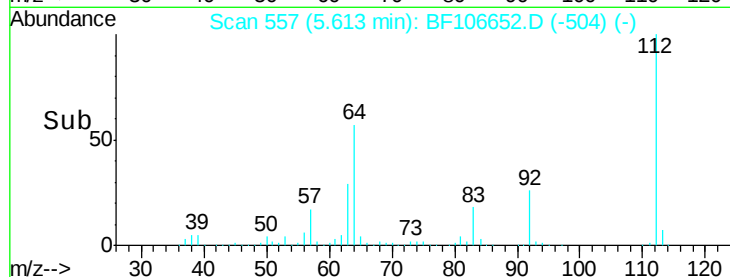
63 28.9 23.7 35.5



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: 31.709 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

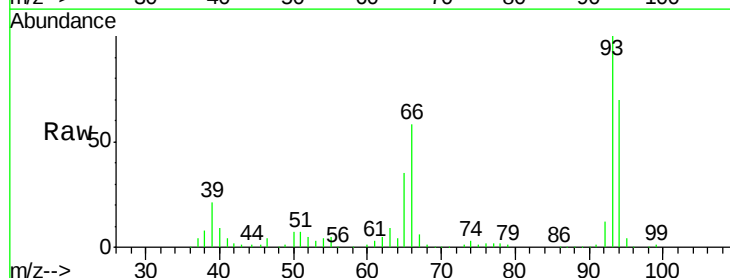
Tgt Ion: 93 Resp: 277419

Ion Ratio Lower Upper

93 100

66 58.3 32.2 48.2#

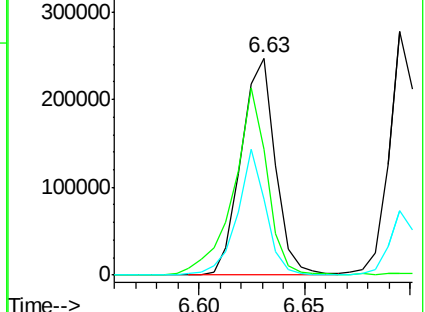
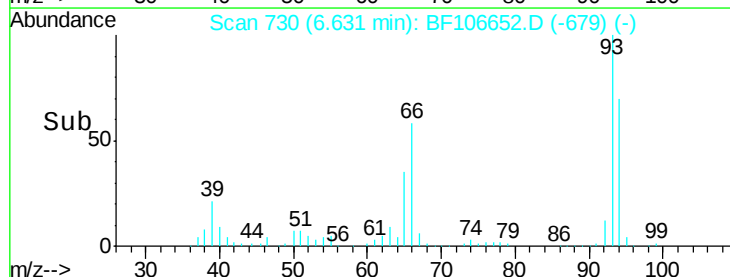
65 35.1 16.4 24.6#

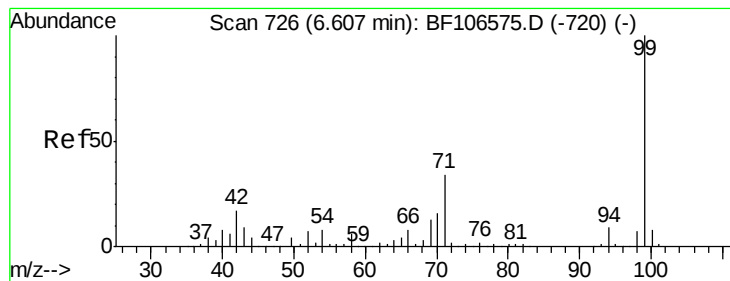


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.228 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

ClientSampleId :

PB110418BS

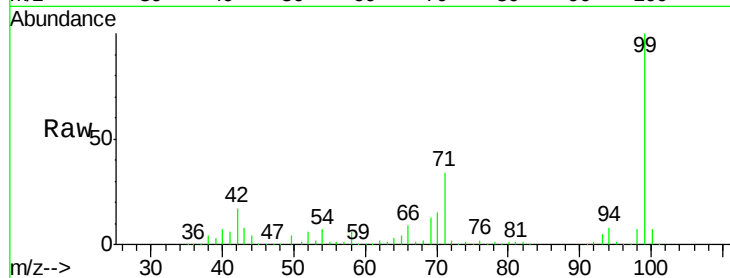
Tgt Ion: 99 Resp: 781876

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

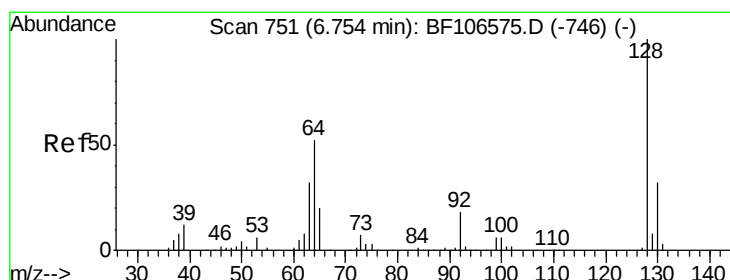
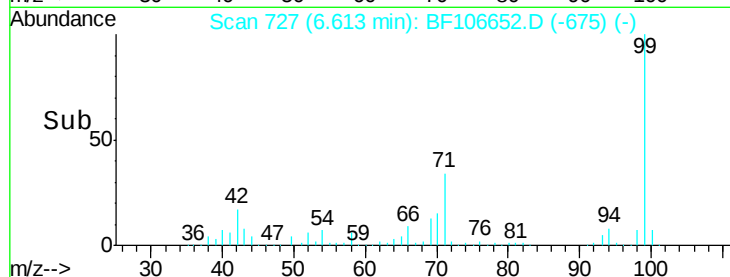
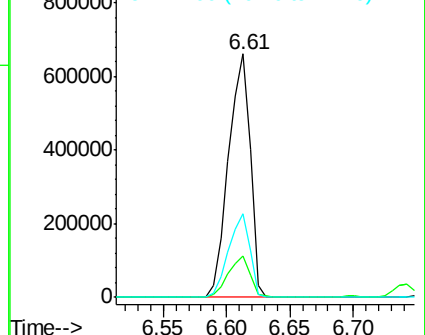
71 34.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.361 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

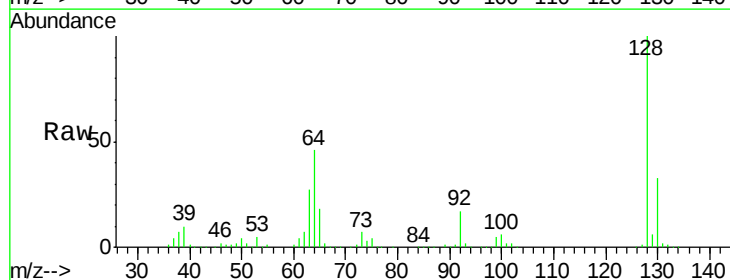
Tgt Ion: 128 Resp: 234298

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

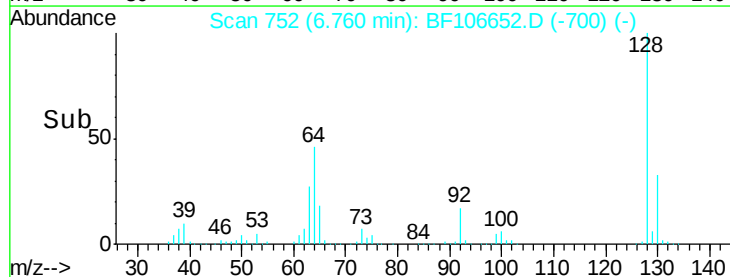
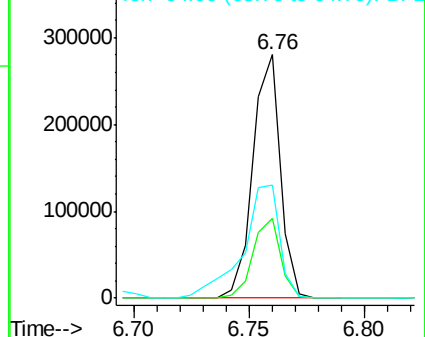
64 46.5 29.4 69.4

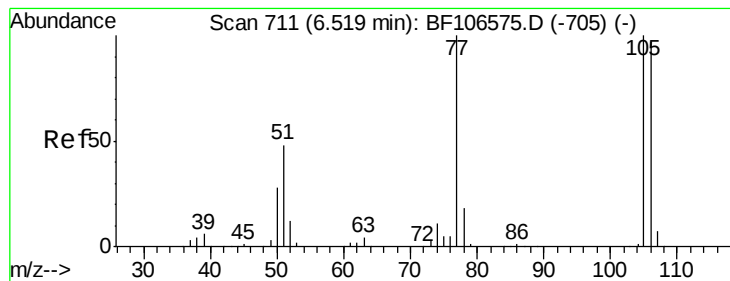


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.427 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

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PB110418BS

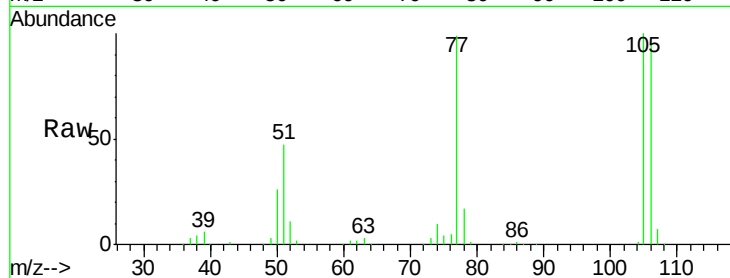
Tgt Ion: 77 Resp: 119254

Ion Ratio Lower Upper

77 100

105 101.1 81.1 121.1

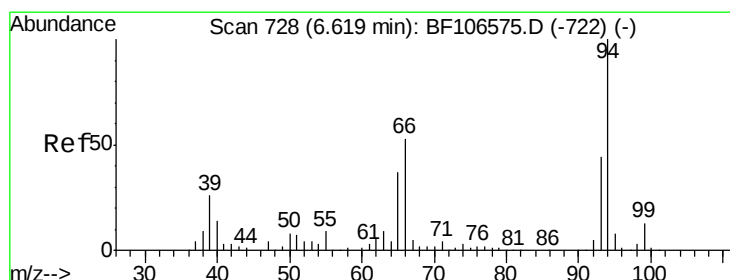
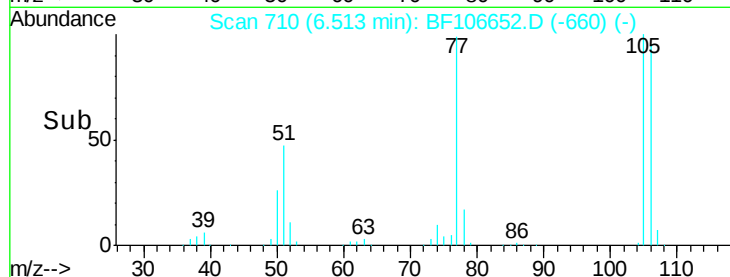
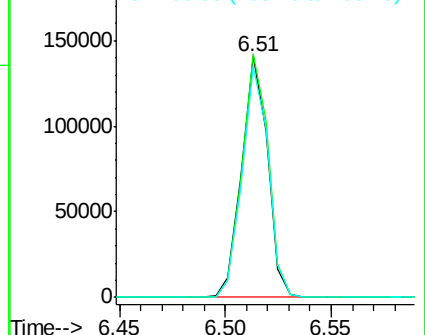
106 95.7 74.5 114.5



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: 38.446 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

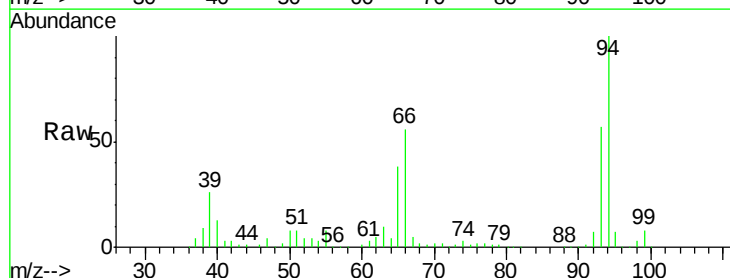
Tgt Ion: 94 Resp: 282988

Ion Ratio Lower Upper

94 100

65 37.9 7.9 47.9

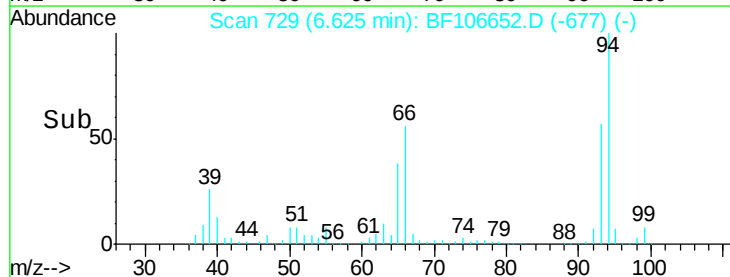
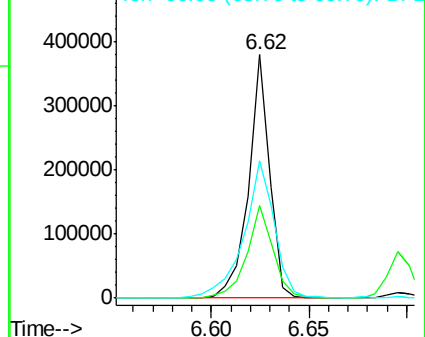
66 56.4 16.2 56.2#

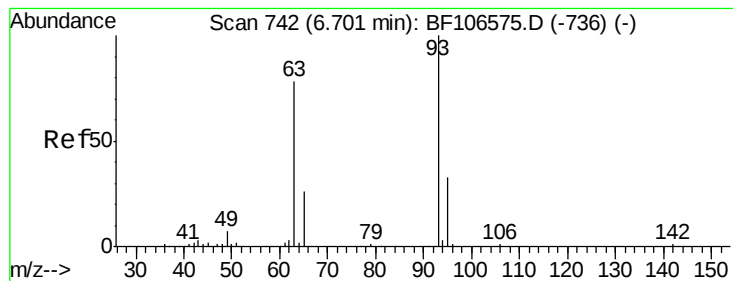


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

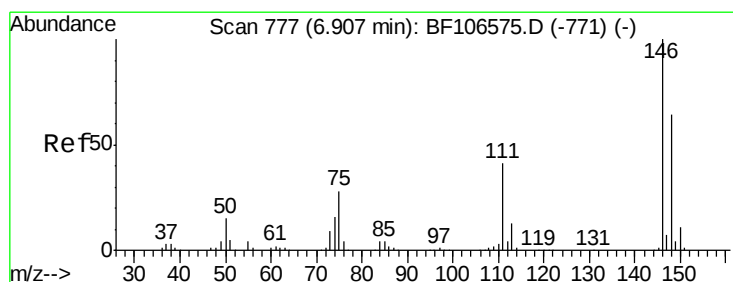
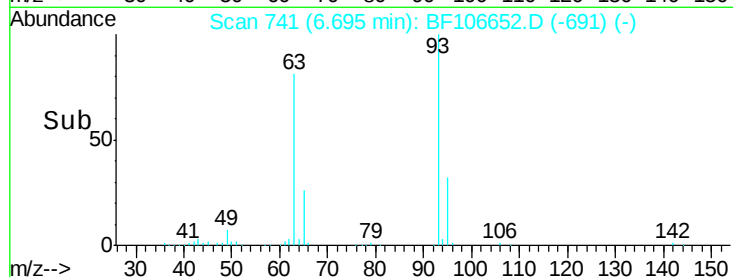
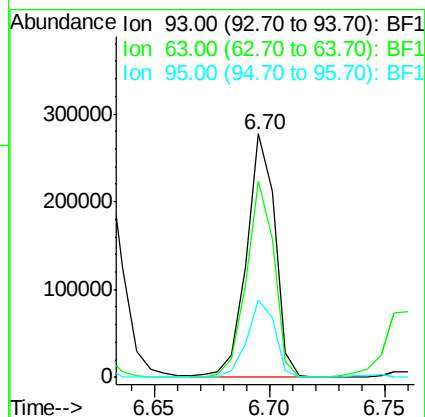
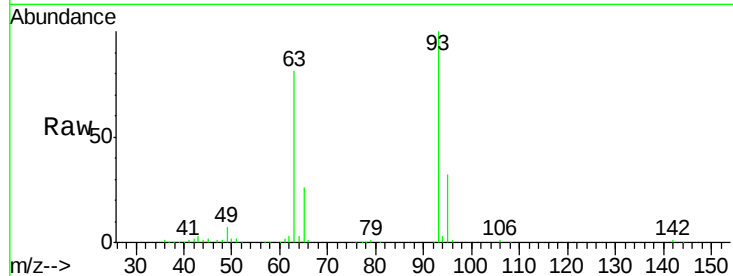




#11
 bis(2-Chloroethyl)ether
 Concen: 39.270 ng
 RT: 6.70 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

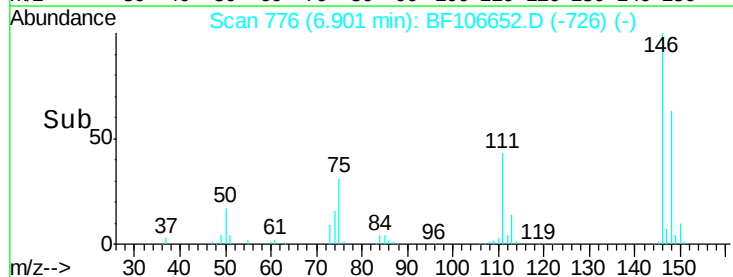
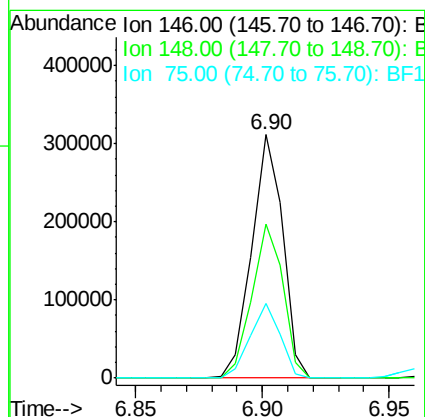
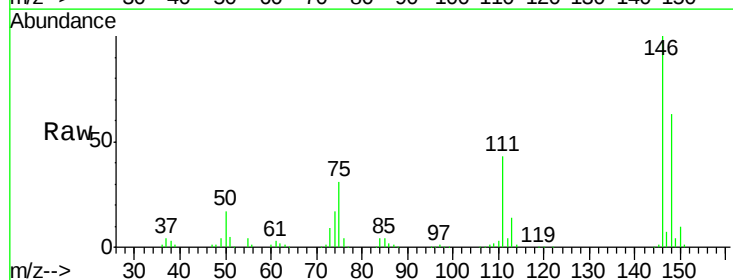
Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

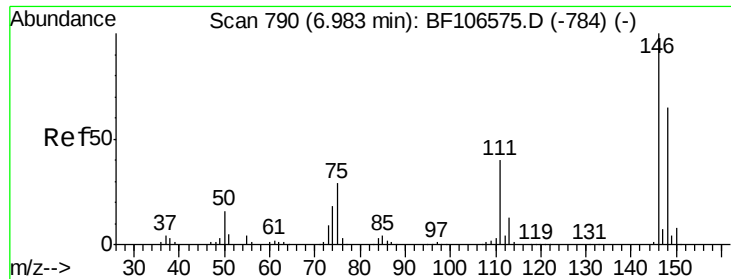
Tgt Ion: 93 Resp: 238623
 Ion Ratio Lower Upper
 93 100
 63 80.6 58.6 98.6
 95 31.8 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 40.076 ng
 RT: 6.90 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion: 146 Resp: 265891
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.8
 75 30.8 24.2 36.4

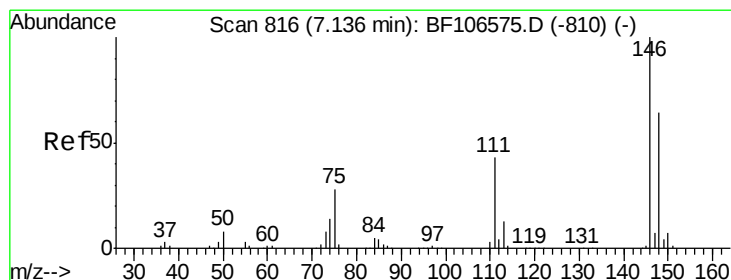
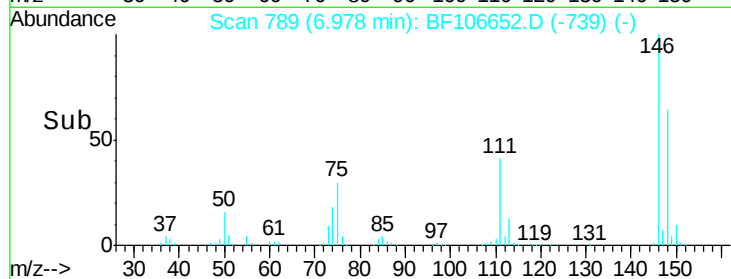
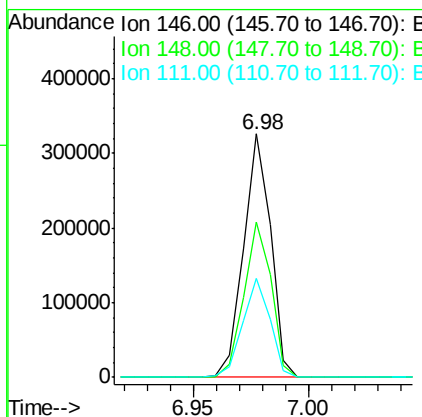
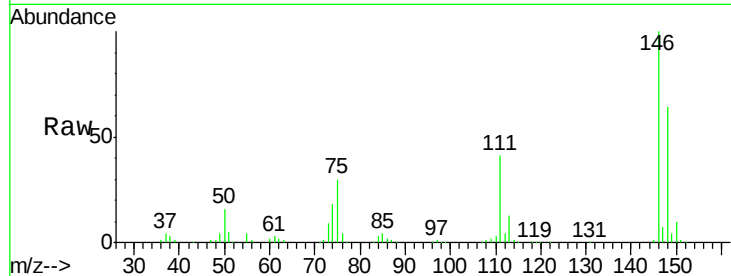




#13
 1,4-Dichlorobenzene
 Concen: 39.908 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

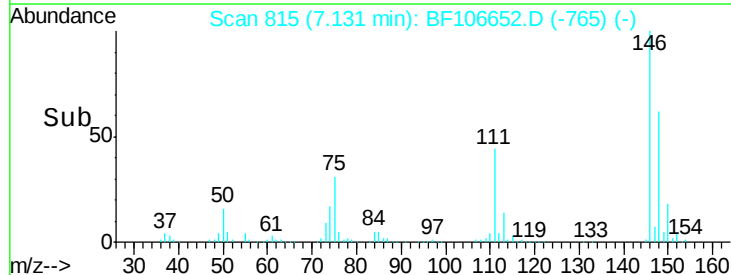
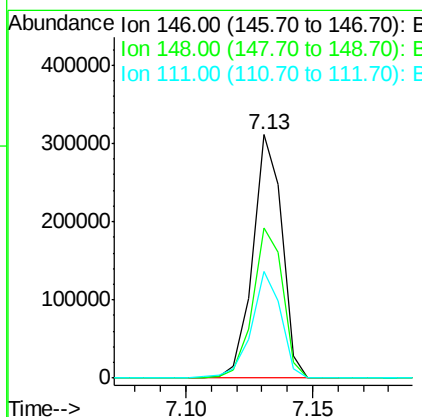
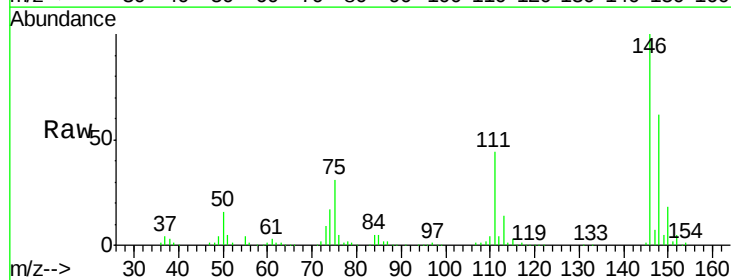
Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

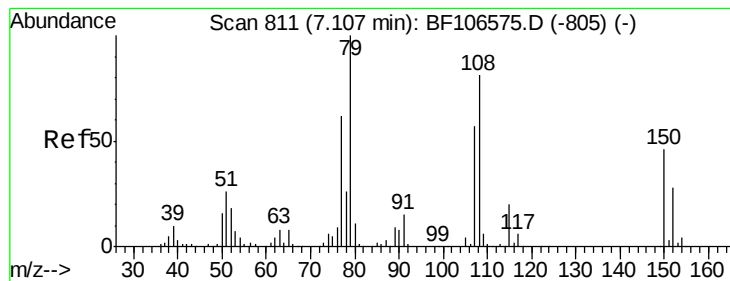
Tgt Ion:146 Resp: 267689
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 40.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.645 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion:146 Resp: 249857
 Ion Ratio Lower Upper
 146 100
 148 61.7 50.6 75.8
 111 43.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 40.997 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

ClientSampleId :

PB110418BS

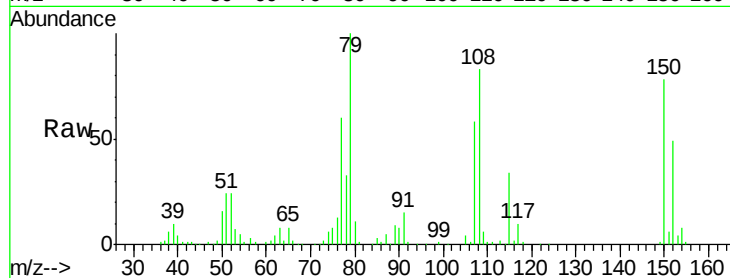
Tgt Ion: 79 Resp: 212316

Ion Ratio Lower Upper

79 100

108 83.3 65.1 97.7

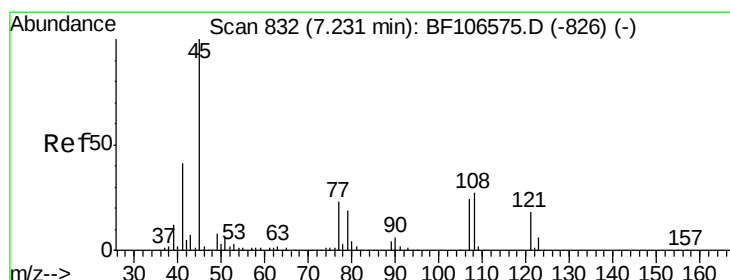
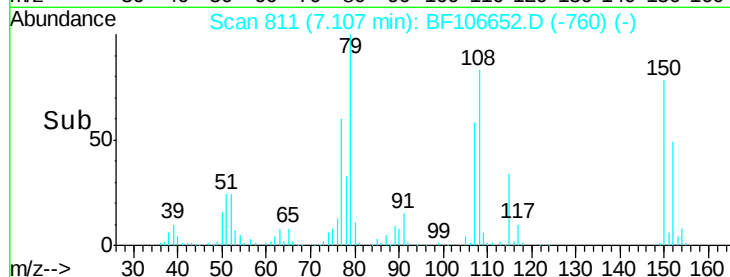
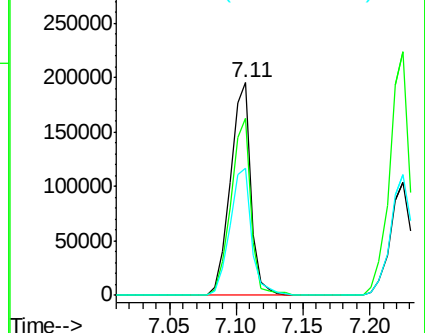
77 60.2 50.6 75.8



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: 43.123 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

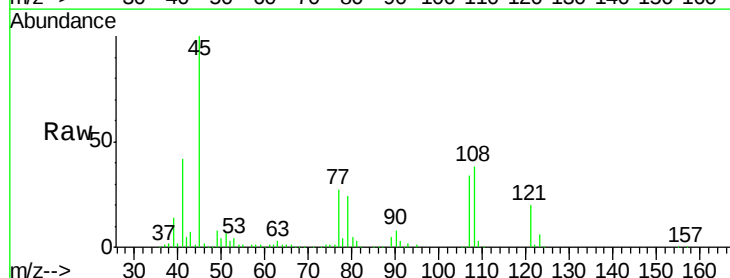
Tgt Ion: 45 Resp: 343805

Ion Ratio Lower Upper

45 100

77 27.1 0.0 32.9

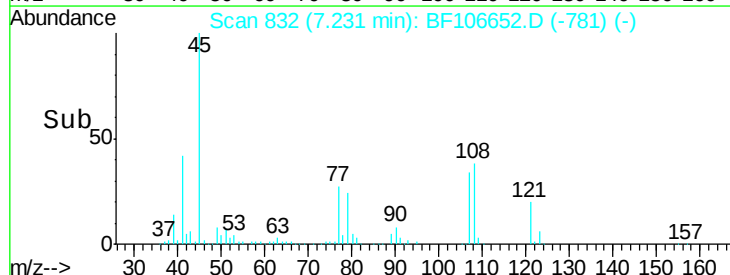
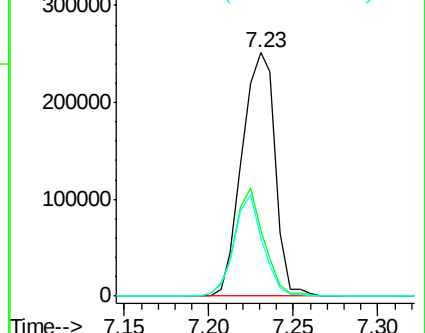
79 23.6 0.0 29.6

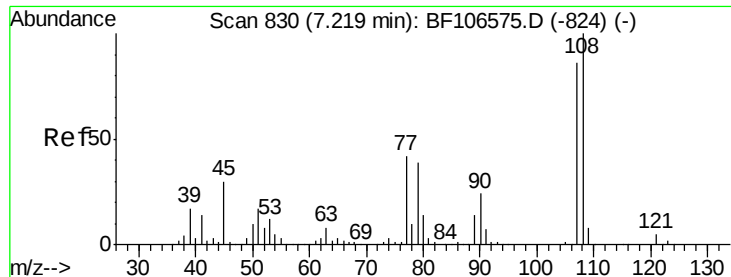


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

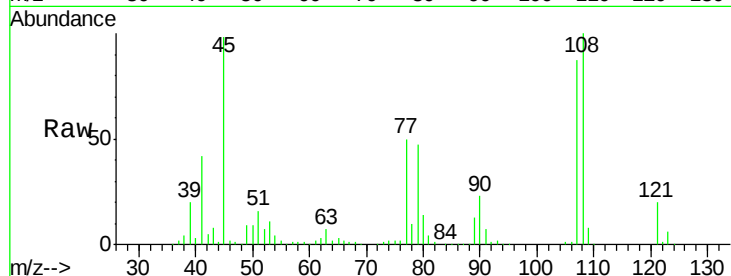




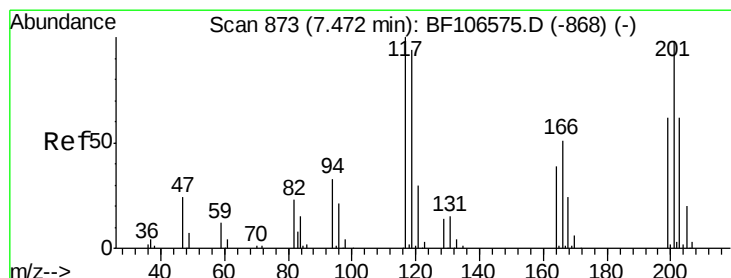
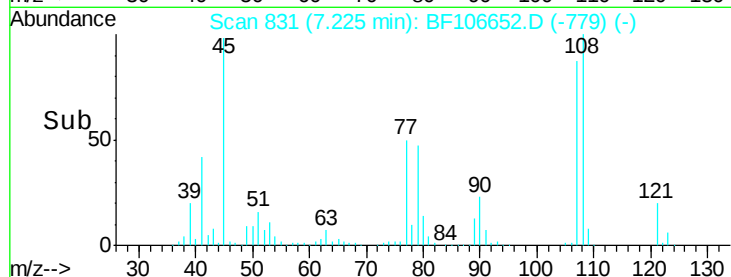
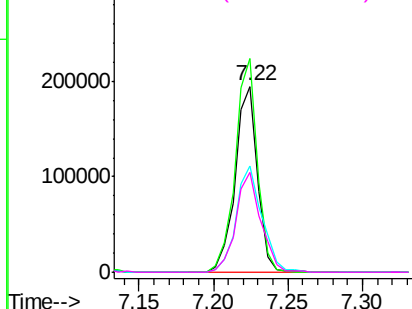
#17
2-Methylphenol
Concen: 42.230 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Tgt Ion:107 Resp: 204718
Ion Ratio Lower Upper
107 100
108 114.7 91.7 137.5
77 57.2 33.8 50.8#
79 53.5 33.8 50.8#

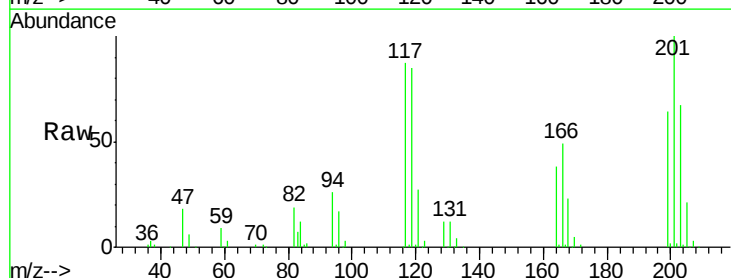


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

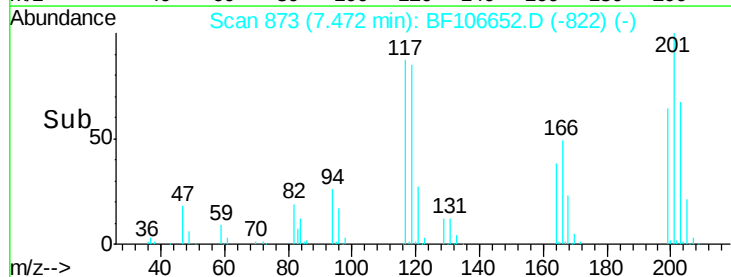
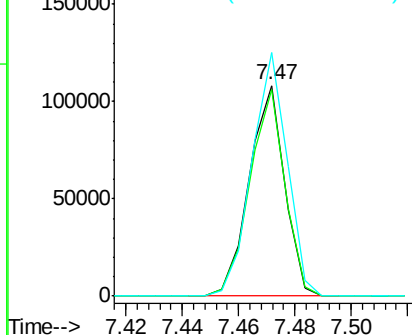


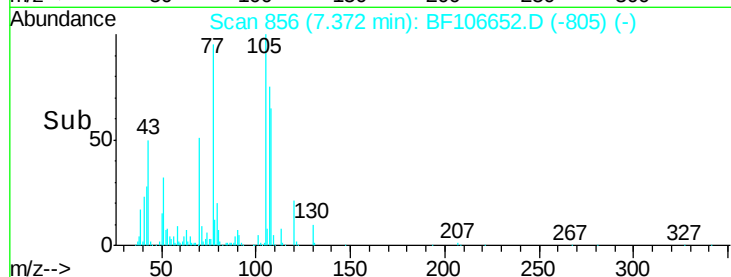
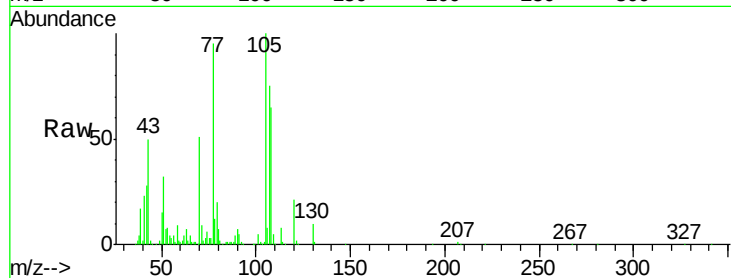
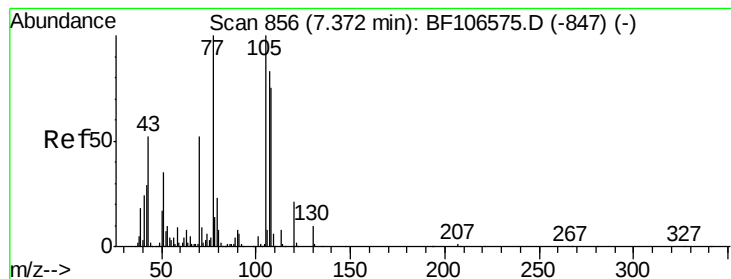
#18
Hexachloroethane
Concen: 39.782 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion:117 Resp: 93838
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.8
201 115.5 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: 38.240 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

ClientSampleId :

PB110418BS

Tgt Ion: 70 Resp: 162573

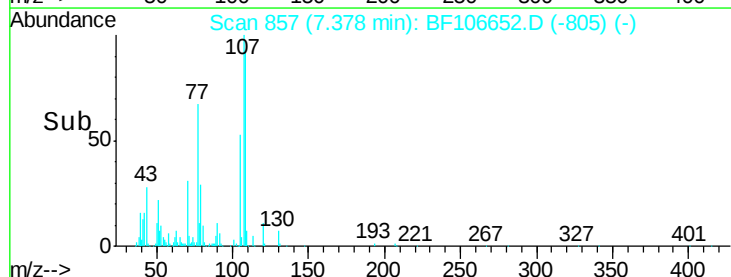
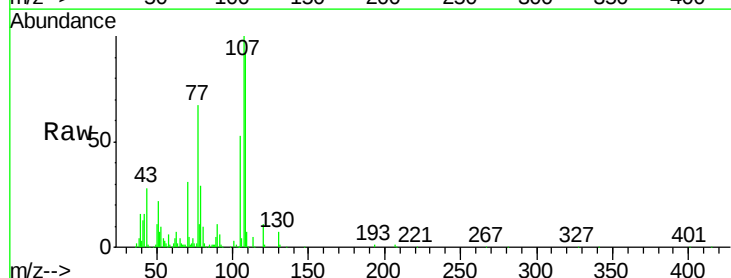
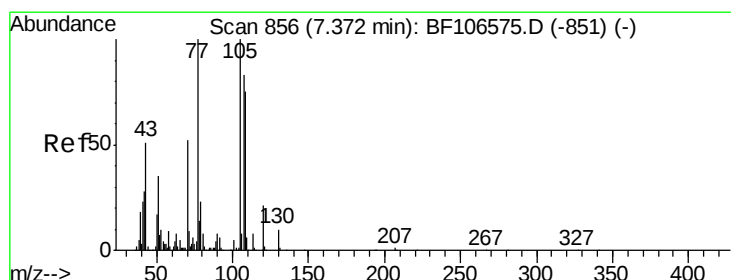
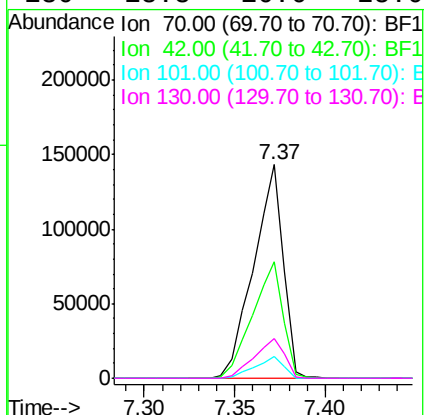
Ion Ratio Lower Upper

70 100

42 54.7 47.5 71.3

101 9.9 7.4 11.2

130 18.8 16.6 25.0



#20

3+4-Methylphenols

Concen: 48.918 ng

RT: 7.38 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Tgt Ion: 107 Resp: 249759

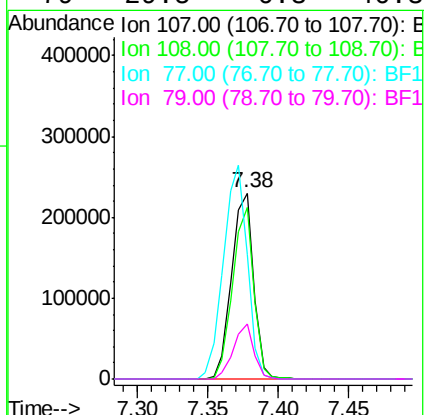
Ion Ratio Lower Upper

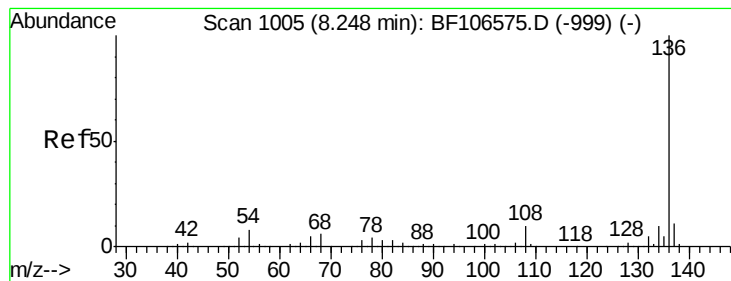
107 100

108 92.3 68.2 108.2

77 66.6 26.7 66.7

79 29.5 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

ClientSampleId :

PB110418BS

Tgt Ion:136 Resp: 342857

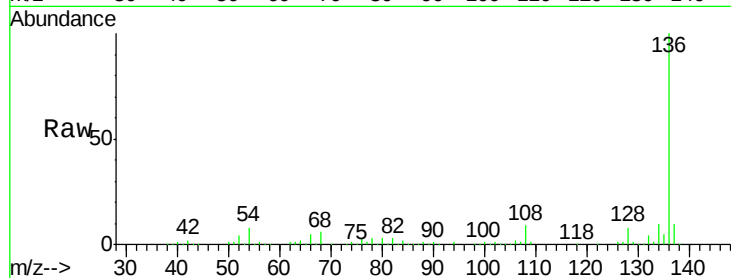
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 7.8 6.6 9.8

68 5.9 5.0 7.4

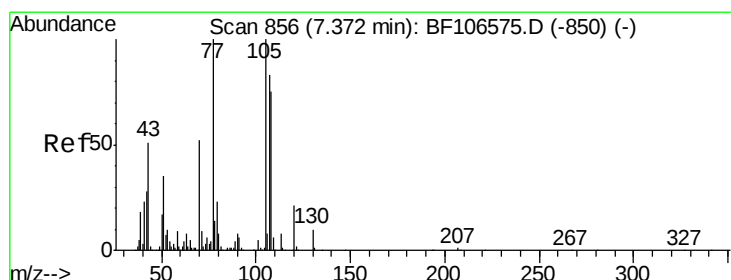
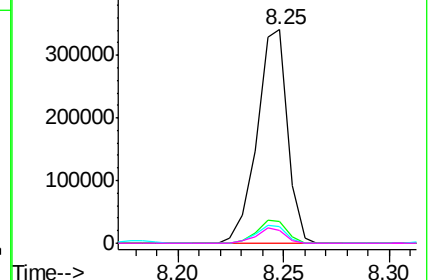
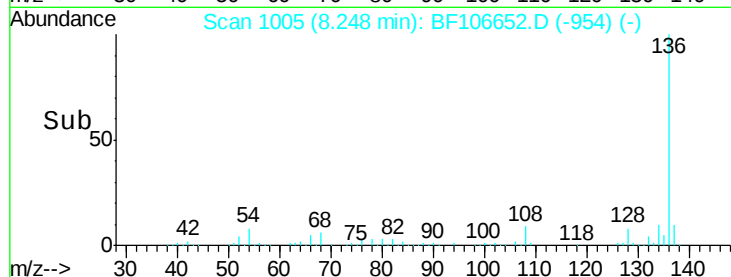


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.312 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Tgt Ion:105 Resp: 316886

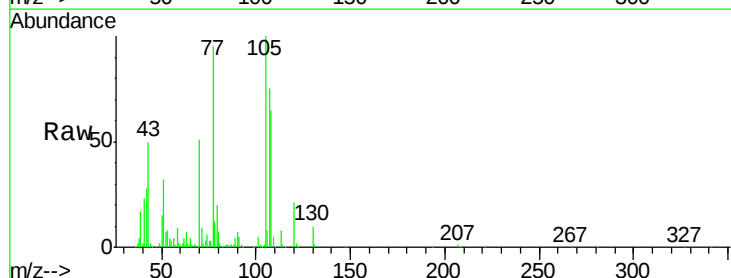
Ion Ratio Lower Upper

105 100

71 8.6 4.4 6.6#

51 32.3 22.3 33.5

120 20.8 16.9 25.3

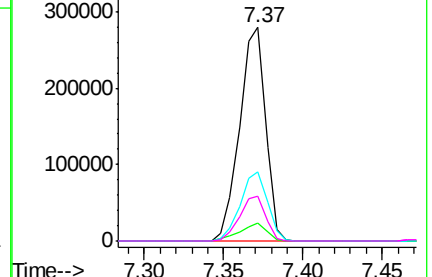
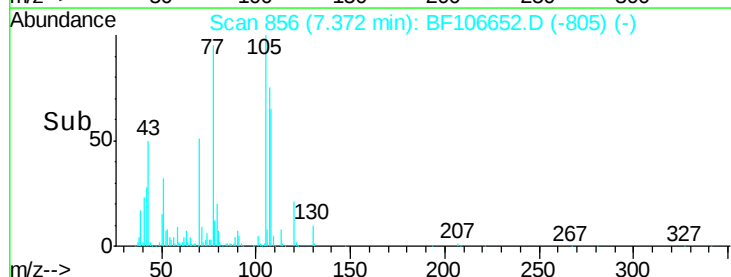


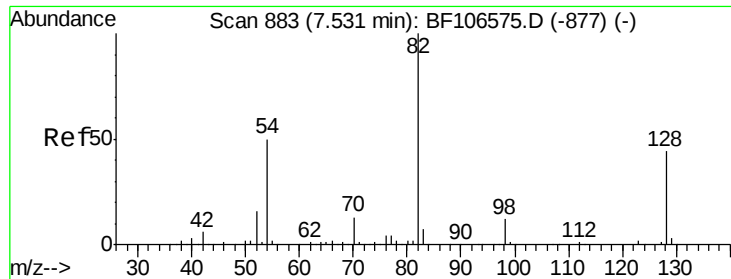
Abundance Ion 105.00 (104.70 to 105.70): E

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

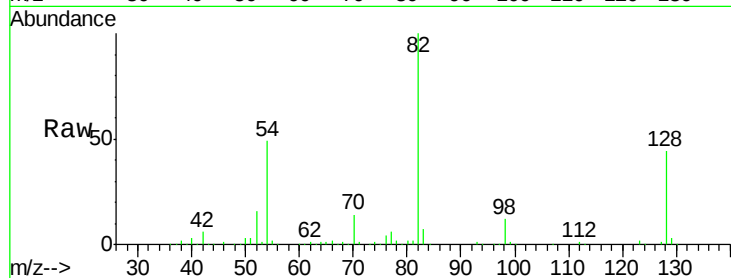




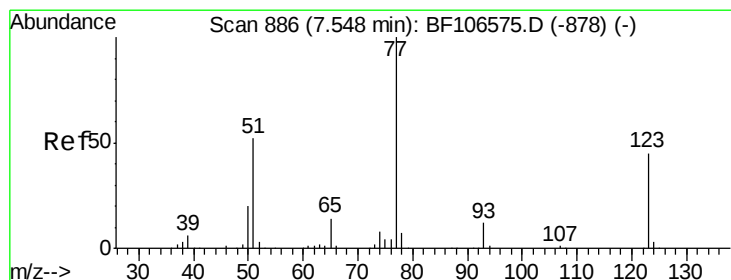
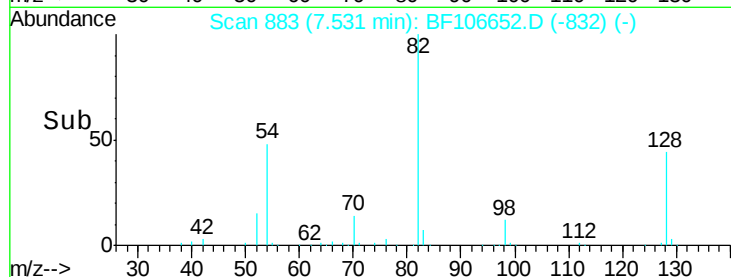
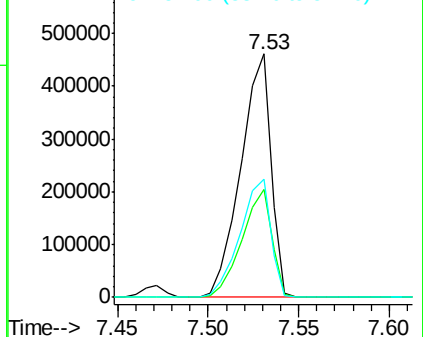
#23
 Nitrobenzene-d5
 Concen: 86.672 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

Tgt Ion: 82 Resp: 534719
 Ion Ratio Lower Upper
 82 100
 128 44.3 36.1 54.1
 54 48.6 41.4 62.2

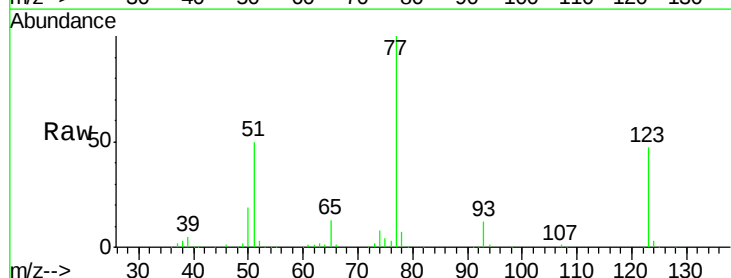


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

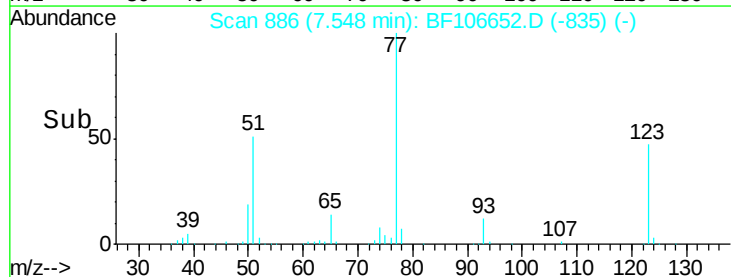
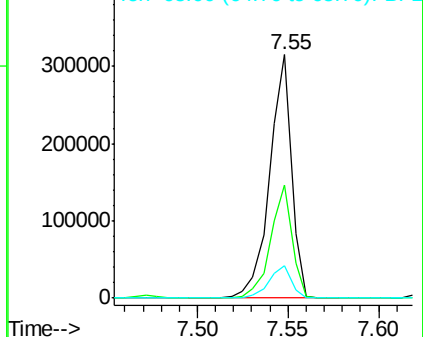


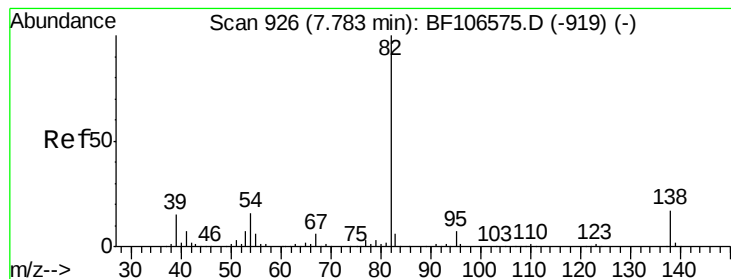
#24
 Nitrobenzene
 Concen: 41.883 ng
 RT: 7.55 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion: 77 Resp: 263807
 Ion Ratio Lower Upper
 77 100
 123 46.6 37.9 56.9
 65 13.5 11.0 16.4



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





#25

Isophorone

Concen: 45.462 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

ClientSampleId :

PB110418BS

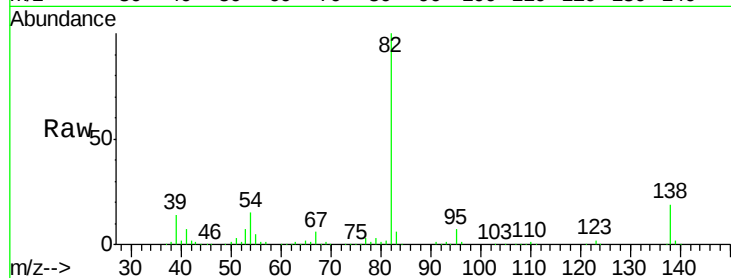
Tgt Ion: 82 Resp: 494241

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

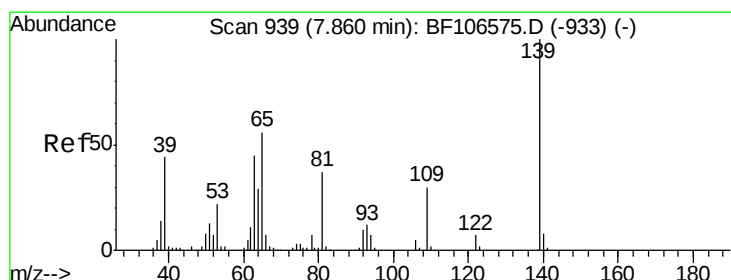
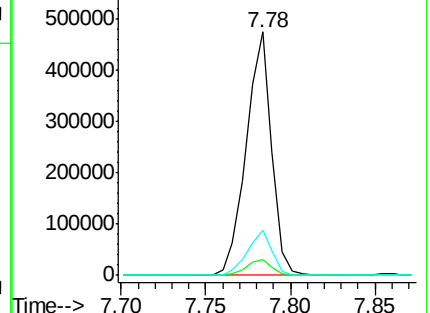
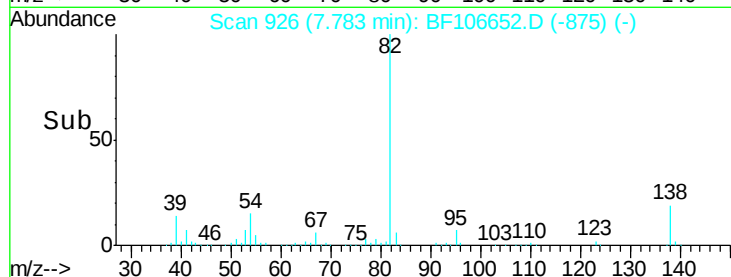
138 18.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.969 ng

RT: 7.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

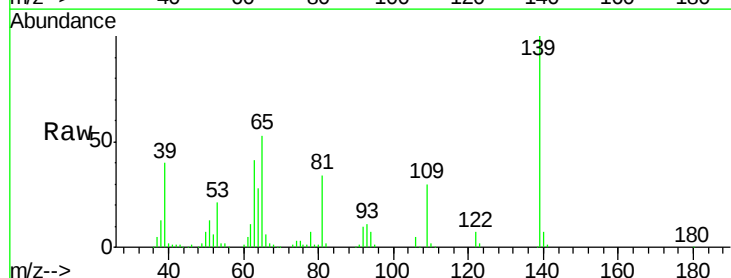
Tgt Ion: 139 Resp: 136687

Ion Ratio Lower Upper

139 100

109 30.0 22.7 34.1

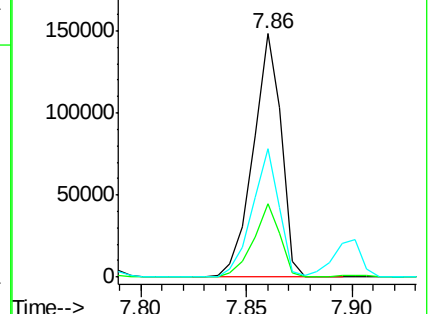
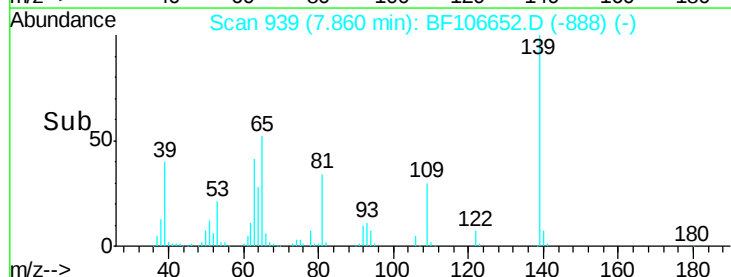
65 52.7 40.5 60.7

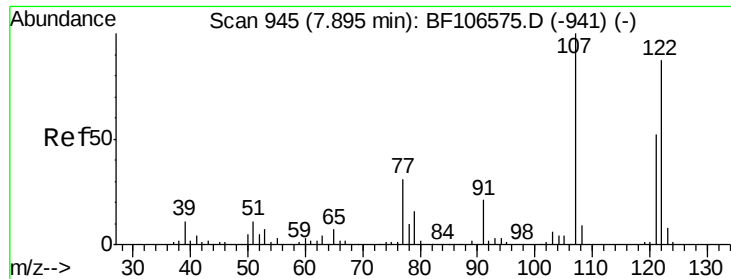


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.614 ng

RT: 7.90 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

ClientSampleId :

PB110418BS

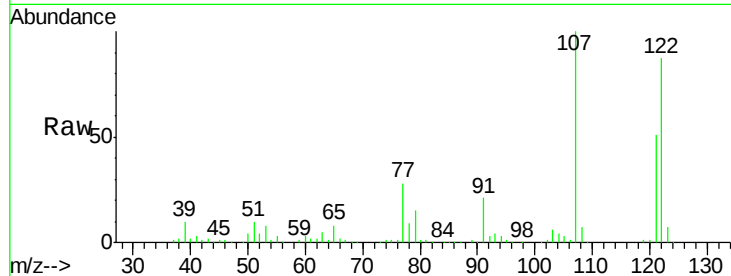
Tgt Ion: 122 Resp: 223423

Ion Ratio Lower Upper

122 100

107 115.2 91.2 136.8

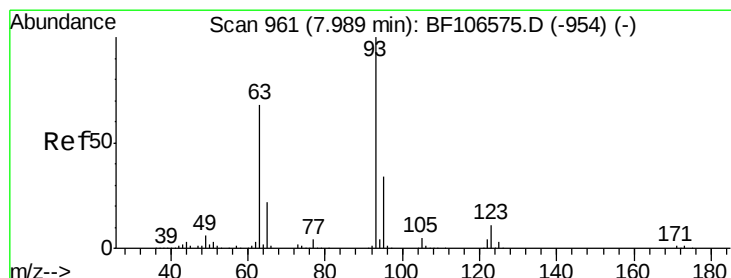
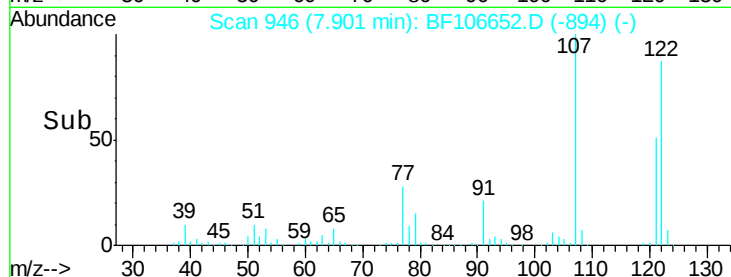
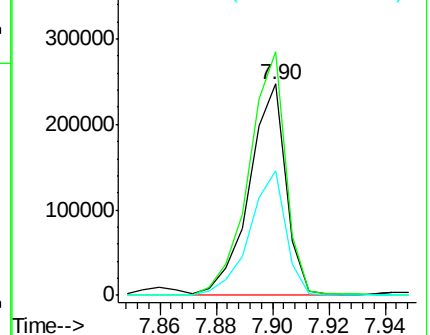
121 58.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.083 ng

RT: 7.99 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

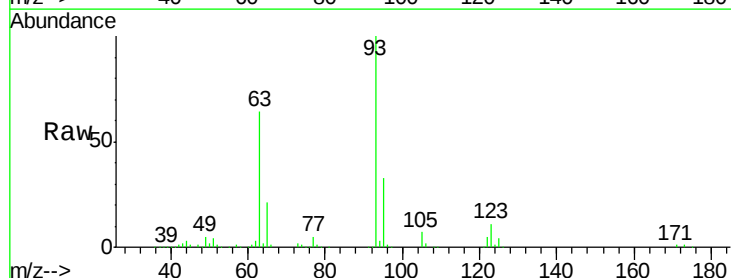
Tgt Ion: 93 Resp: 314478

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

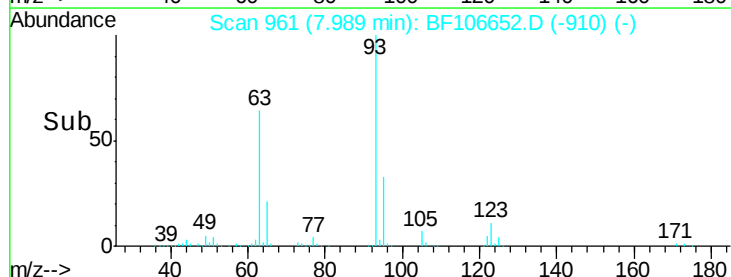
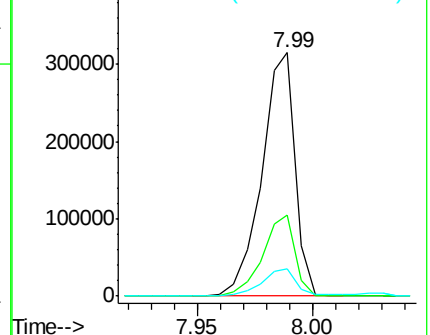
123 11.0 9.8 14.6

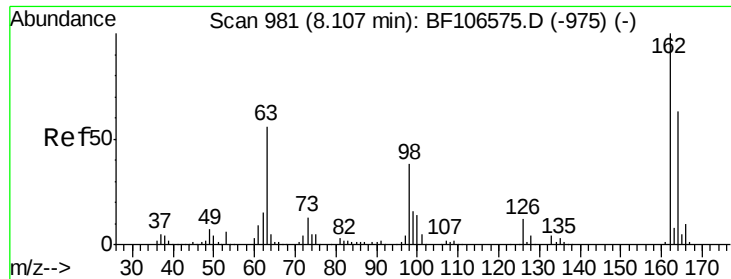


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

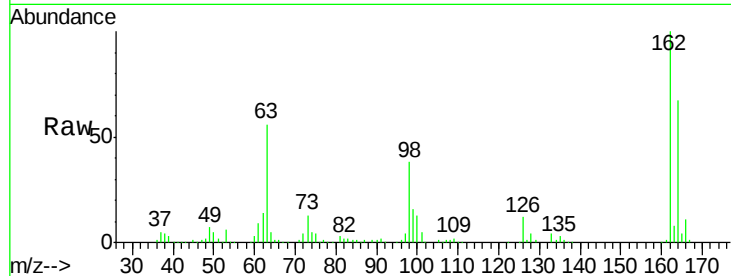




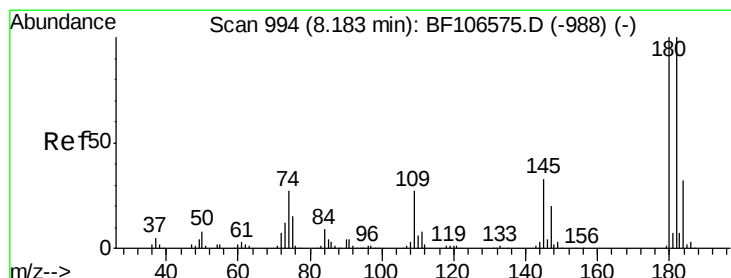
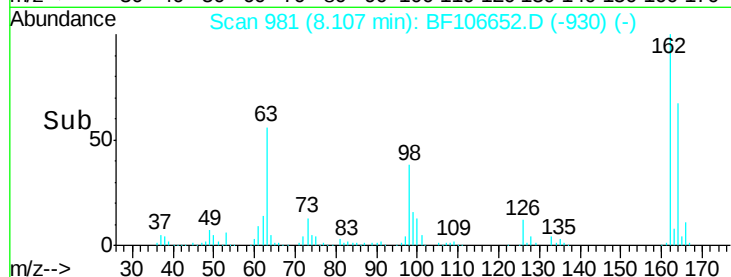
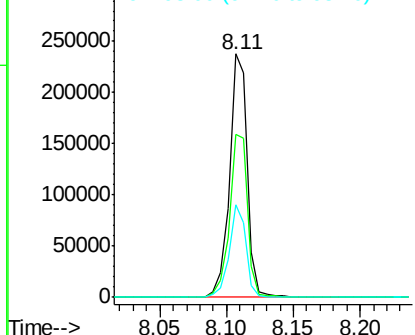
#29
2,4-Dichlorophenol
Concen: 46.343 ng
RT: 8.11 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Tgt Ion:162 Resp: 222986
Ion Ratio Lower Upper
162 100
164 66.9 42.7 82.7
98 38.1 18.1 58.1

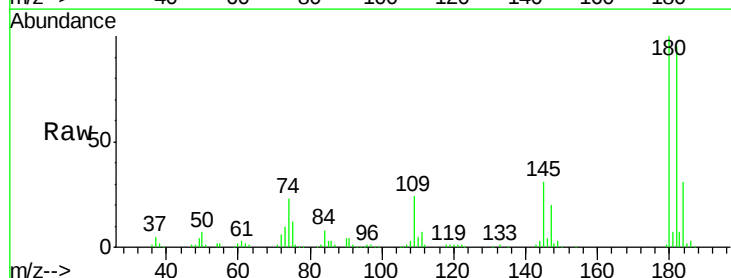


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

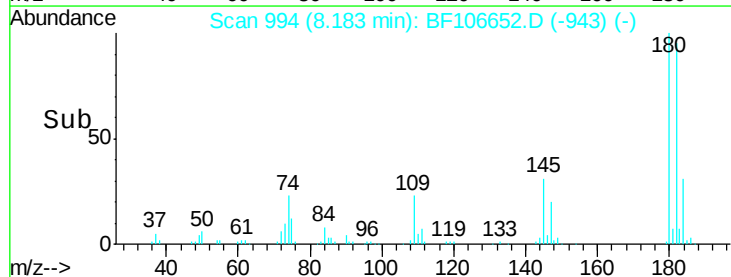
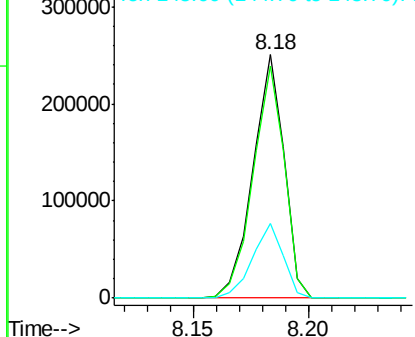


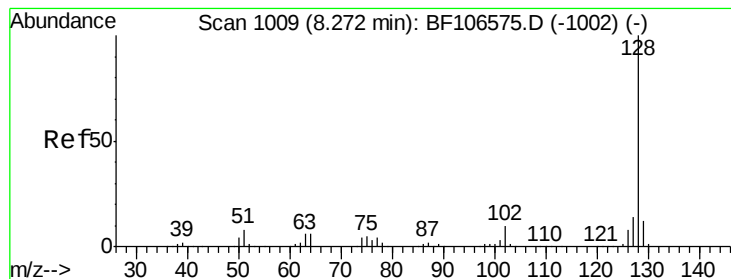
#30
1,2,4-Trichlorobenzene
Concen: 44.462 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion:180 Resp: 235671
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 30.6 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: 42.626 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

ClientSampleId :

PB110418BS

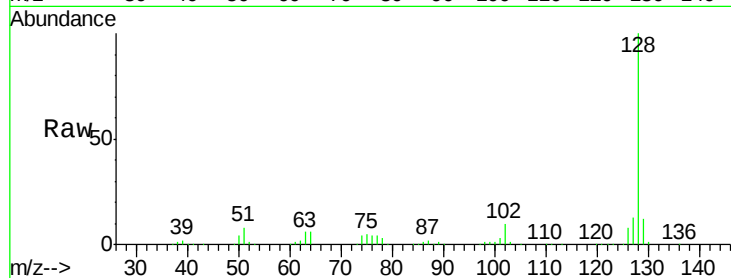
Tgt Ion:128 Resp: 683275

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

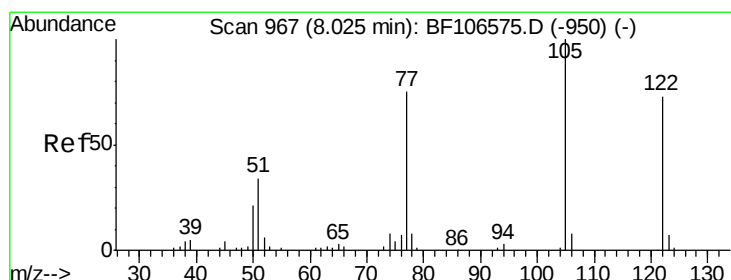
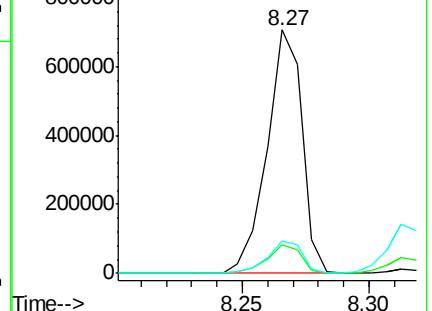
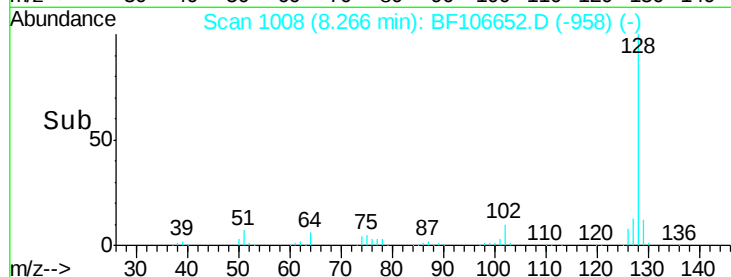
127 13.4 10.9 16.3



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: 35.869 ng

RT: 8.03 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

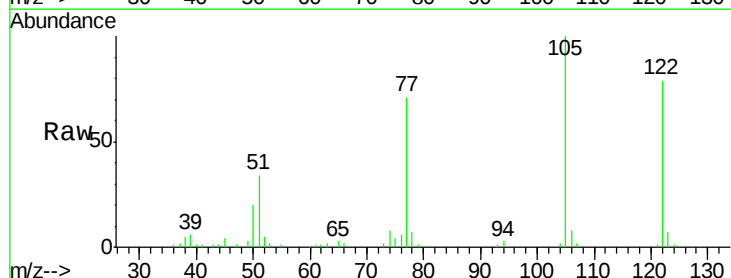
Tgt Ion:122 Resp: 114412

Ion Ratio Lower Upper

122 100

105 126.3 101.1 141.1

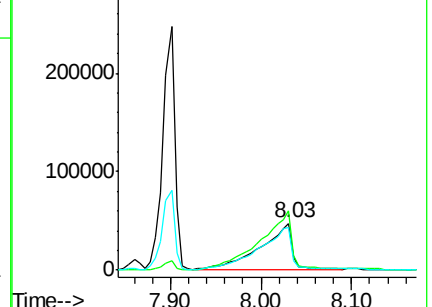
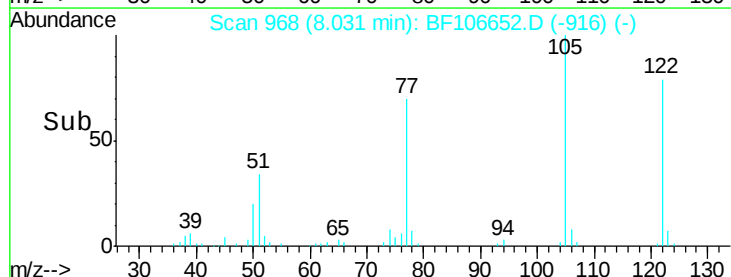
77 89.4 70.7 110.7

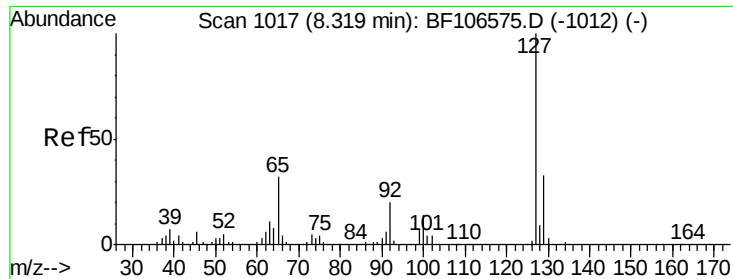


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

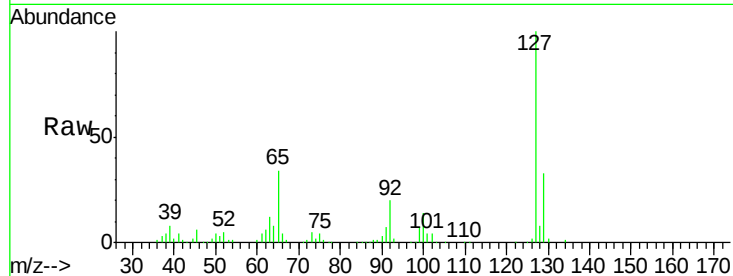




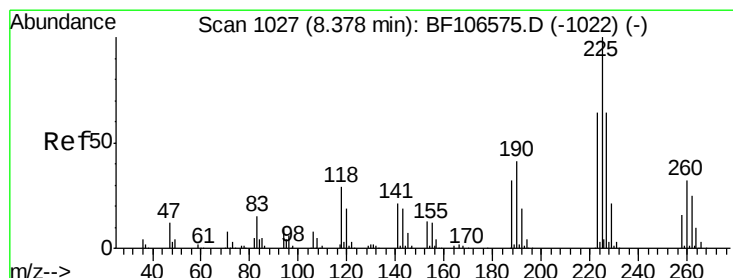
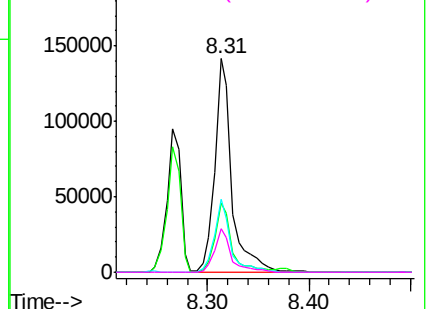
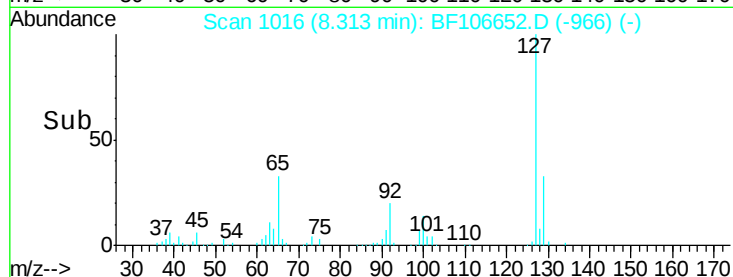
#33
4-Chloroaniline
Concen: 24.693 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Tgt Ion:	127	Resp:	166083
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	34.4	25.0	37.4
92	20.2	15.2	22.8

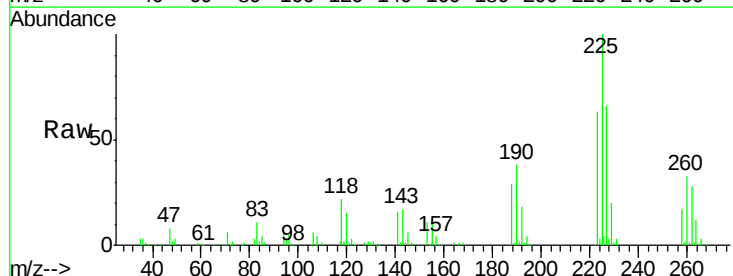


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

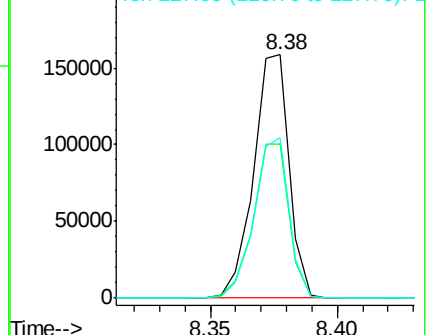
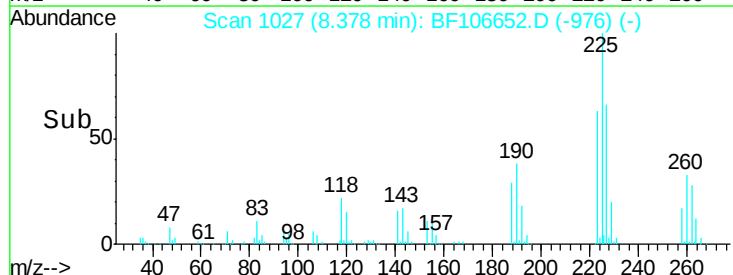


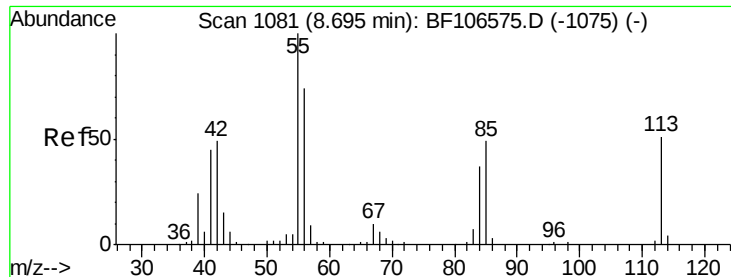
#34
Hexachlorobutadiene
Concen: 44.831 ng
RT: 8.38 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion:	225	Resp:	154837
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	65.8	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: 28.352 ng

RT: 8.70 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

ClientSampleId :

PB110418BS

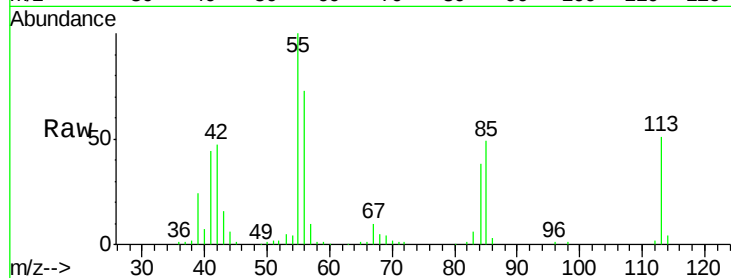
Tgt Ion:113 Resp: 44468

Ion Ratio Lower Upper

113 100

55 196.8 163.3 203.3

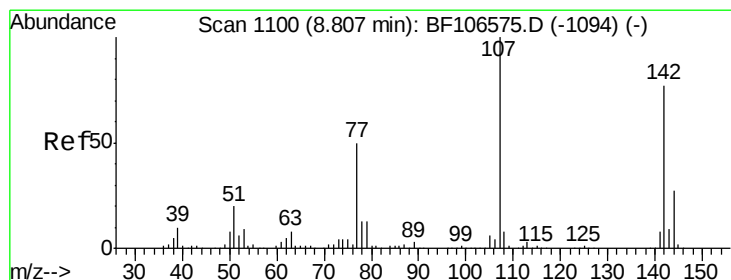
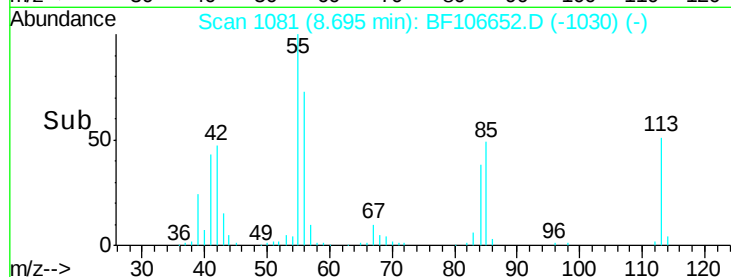
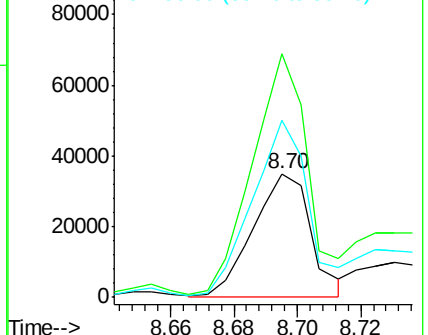
56 143.0 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.127 ng

RT: 8.81 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

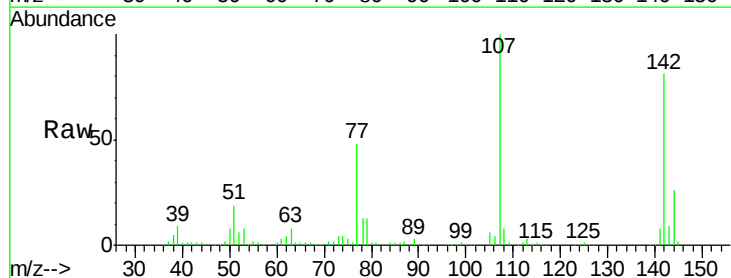
Tgt Ion:107 Resp: 243741

Ion Ratio Lower Upper

107 100

144 26.1 20.5 30.7

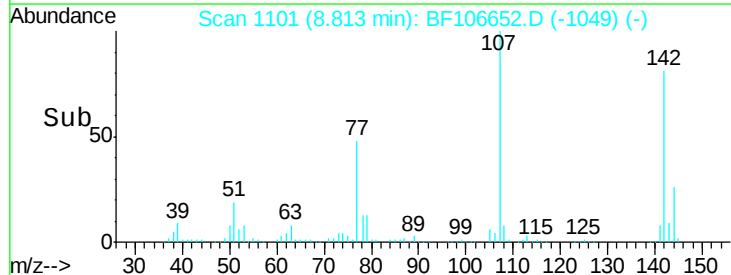
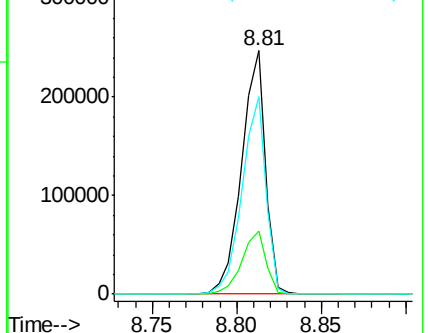
142 81.4 62.0 93.0

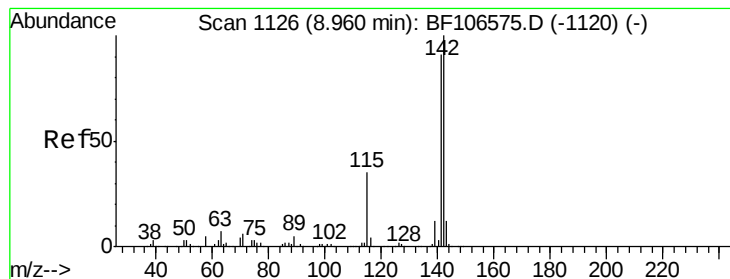


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.925 ng

RT: 8.96 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

ClientSampleId :

PB110418BS

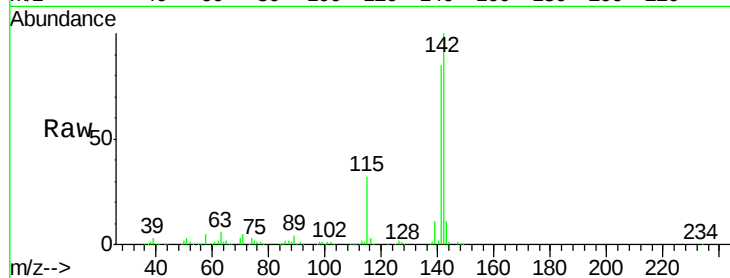
Tgt Ion:142 Resp: 519820

Ion Ratio Lower Upper

142 100

141 84.6 70.8 106.2

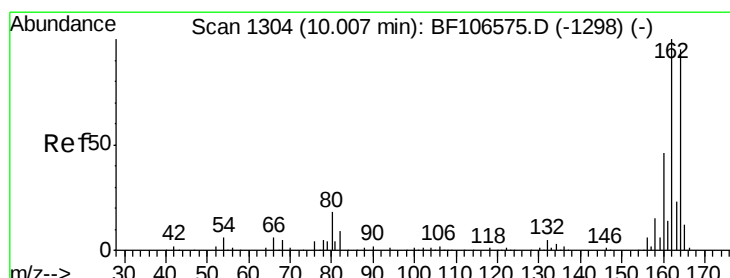
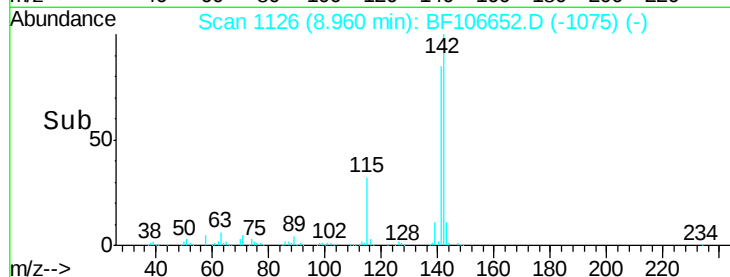
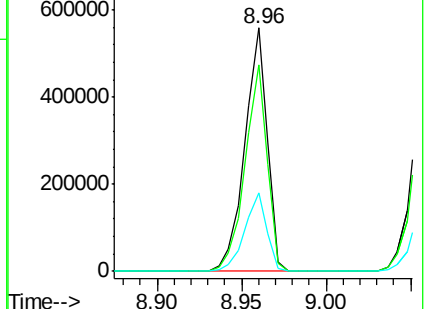
115 32.2 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

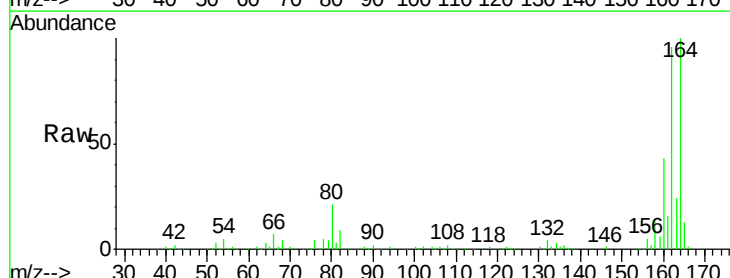
Tgt Ion:164 Resp: 193723

Ion Ratio Lower Upper

164 100

162 95.9 86.1 129.1

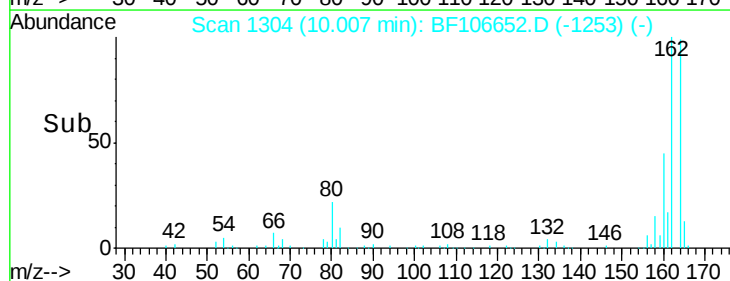
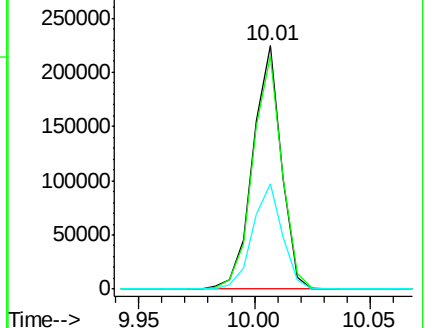
160 43.5 38.3 57.5

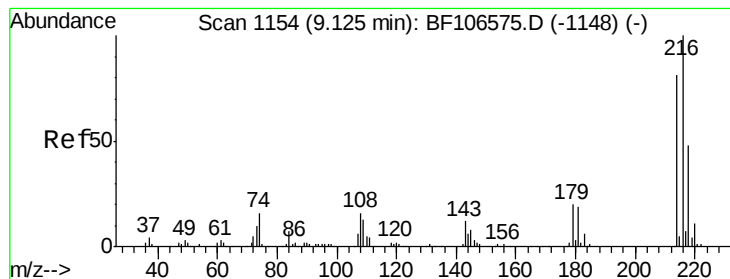


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

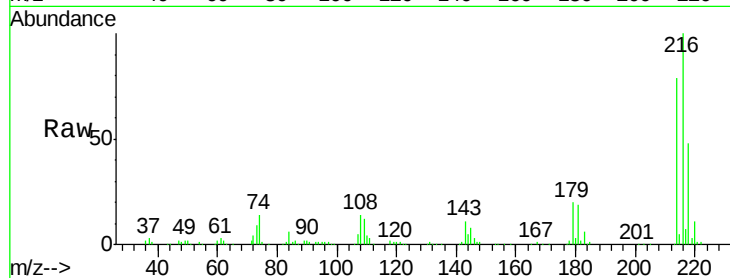




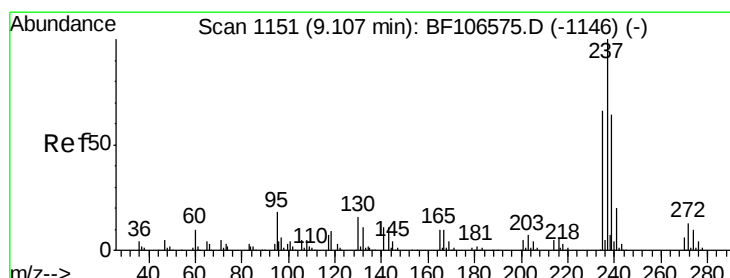
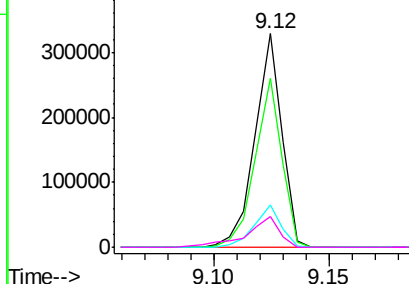
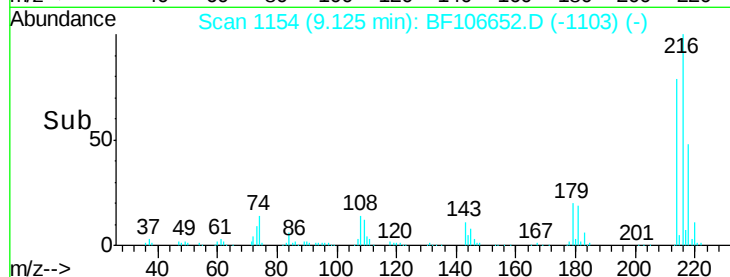
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.088 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

Tgt Ion:	216	Resp:	268056
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.0	94.4
179	19.9	18.1	27.1
108	17.3	17.2	25.8

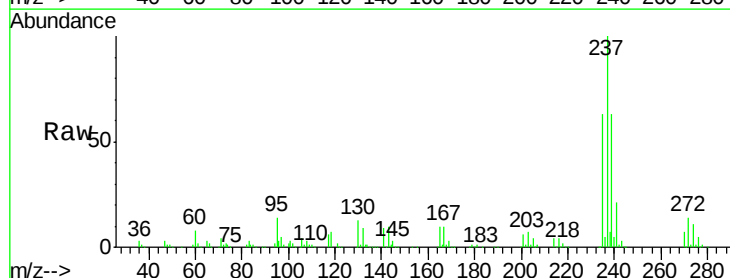


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

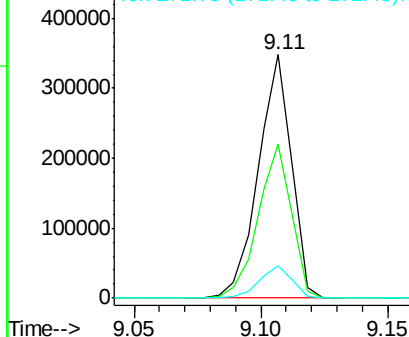
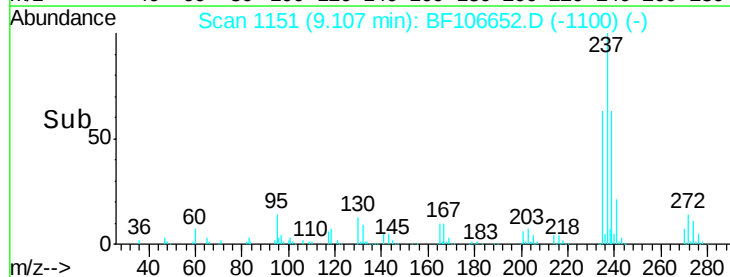


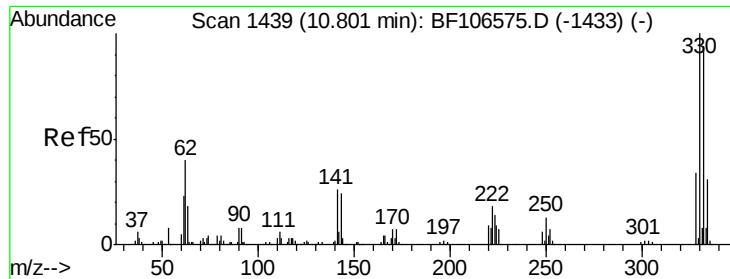
#40
 Hexachlorocyclopentadiene
 Concen: 94.432 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion:	237	Resp:	316967
Ion Ratio	Lower	Upper	
237	100		
235	63.5	44.8	84.8
272	13.5	0.0	33.3



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

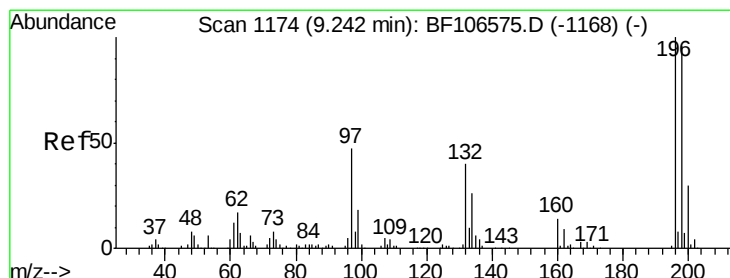
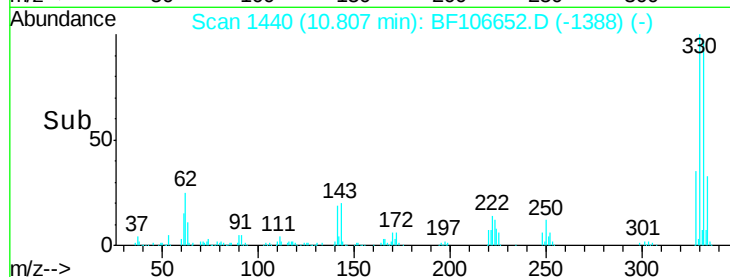
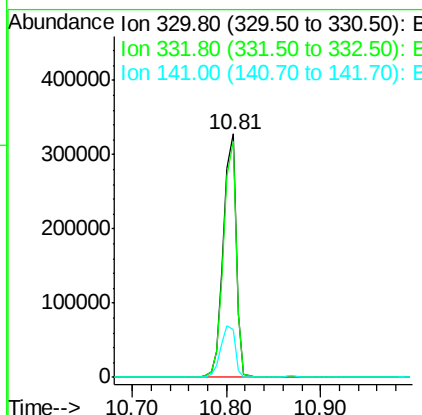
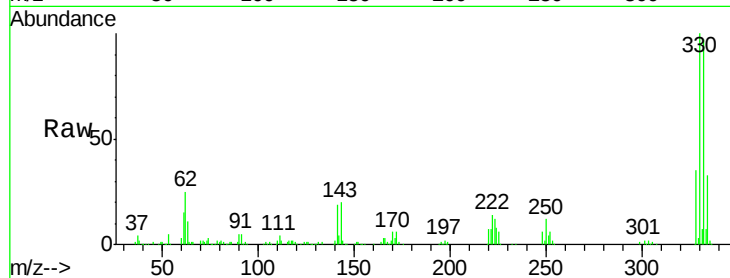




#41
 2,4,6-Tribromophenol
 Concen: 141.645 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

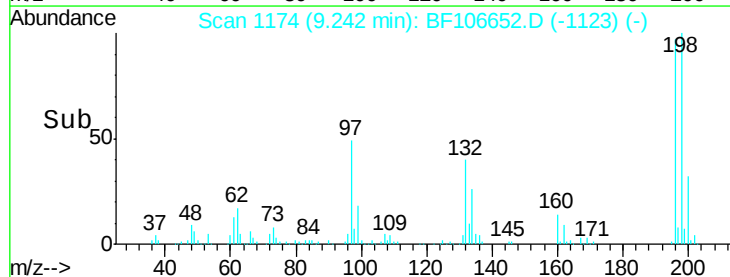
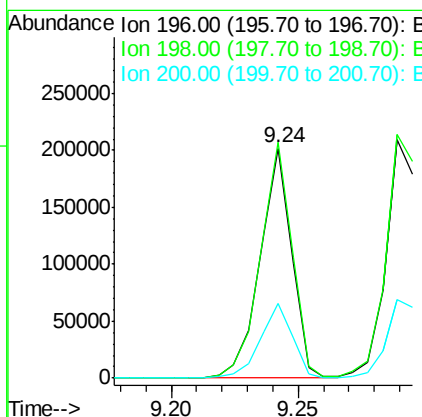
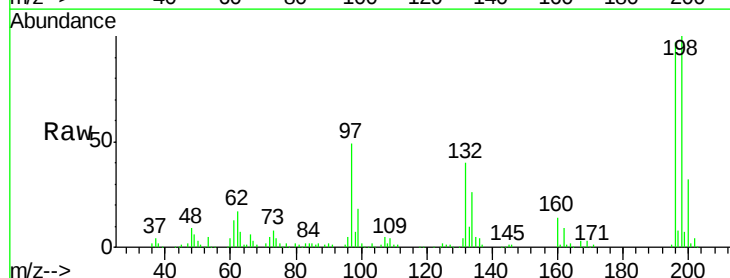
Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

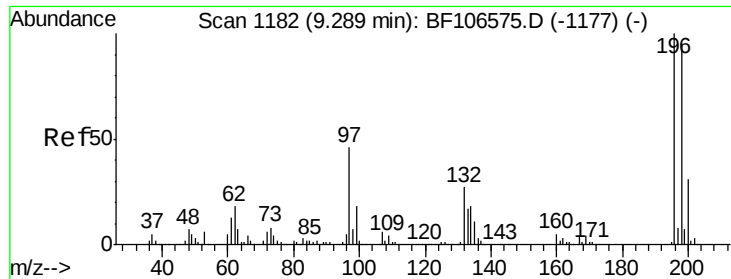
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	23.3	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.607 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.8	75.7	113.5
200	32.7	24.5	36.7

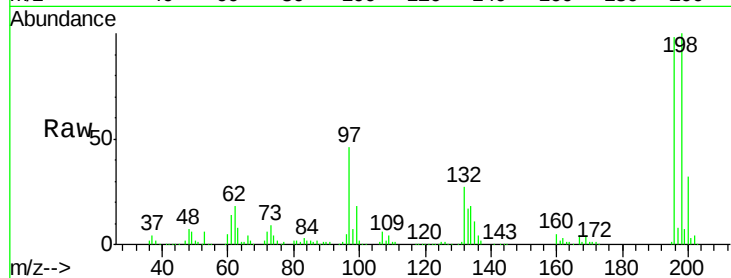




#43
 2,4,5-Trichlorophenol
 Concen: 41.097 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.1	74.6	112.0
97	47.2	42.9	64.3
132	27.9	26.3	39.5



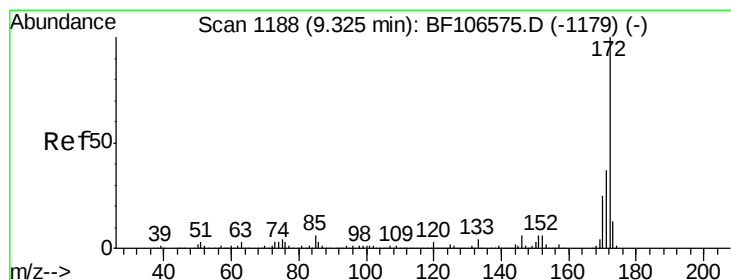
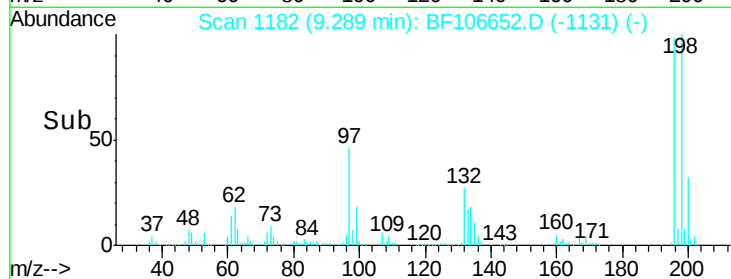
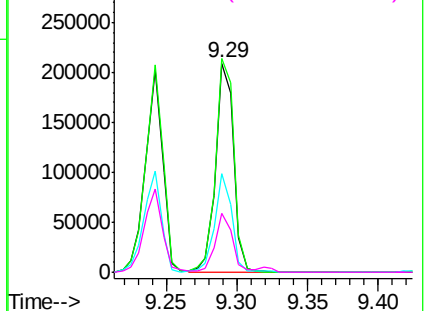
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

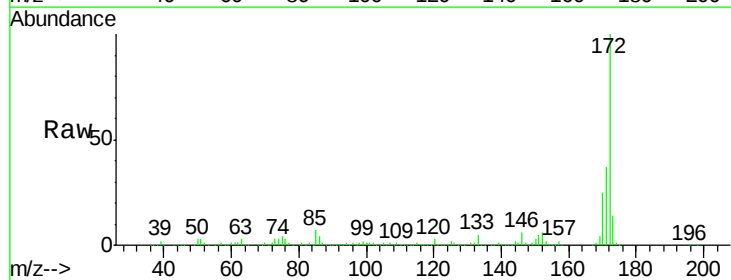
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.578 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.8	19.6	29.4

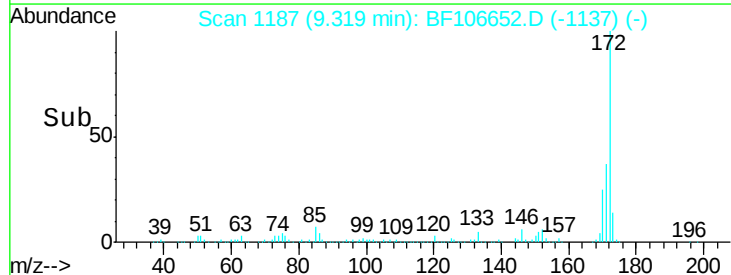
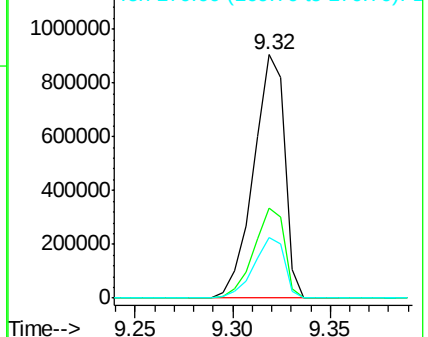


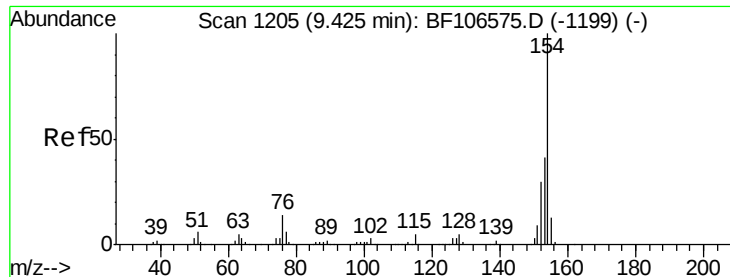
Abundance

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

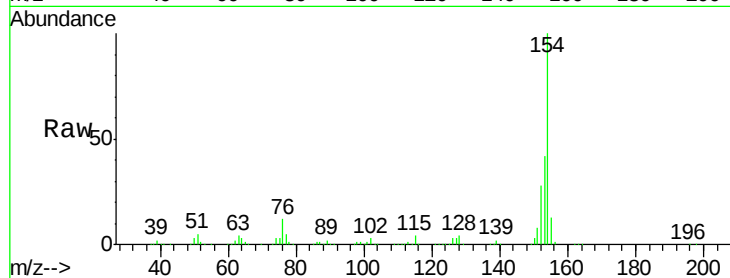




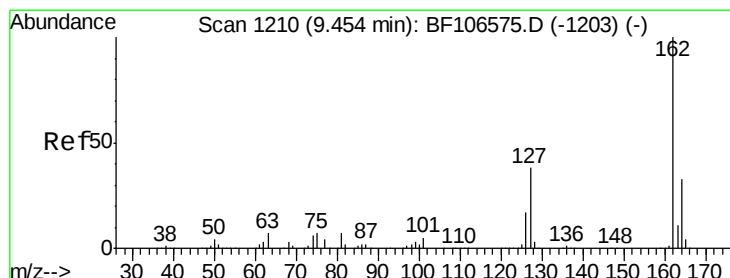
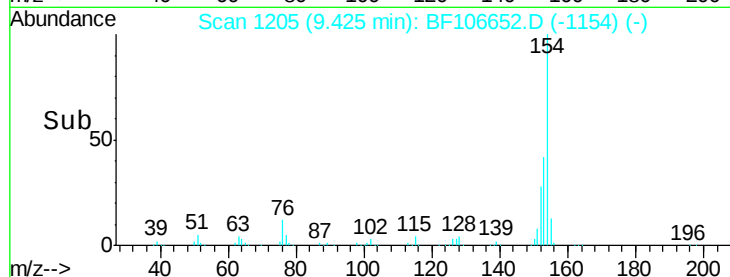
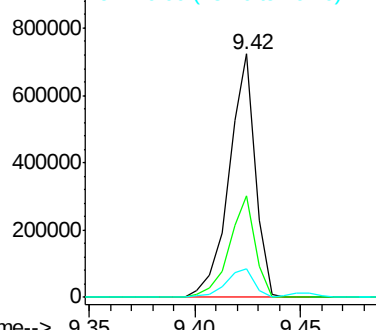
#45
 1,1'-Biphenyl
 Concen: 40.346 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

Tgt Ion:154 Resp: 622898
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.3 61.3
 76 12.0 0.0 34.0

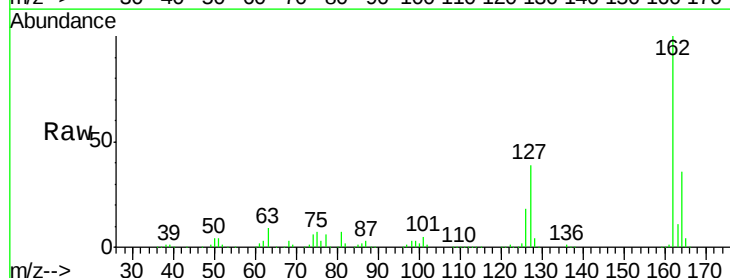


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

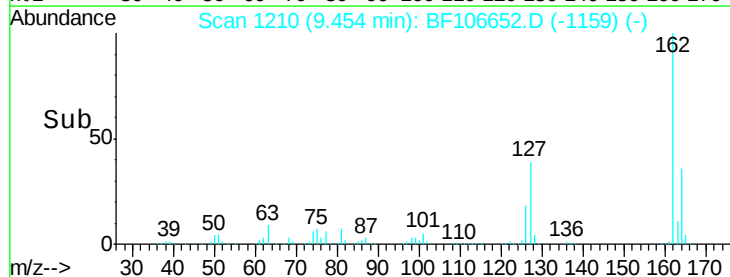
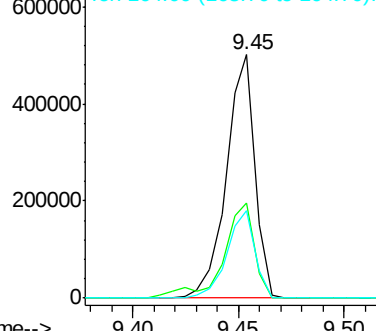


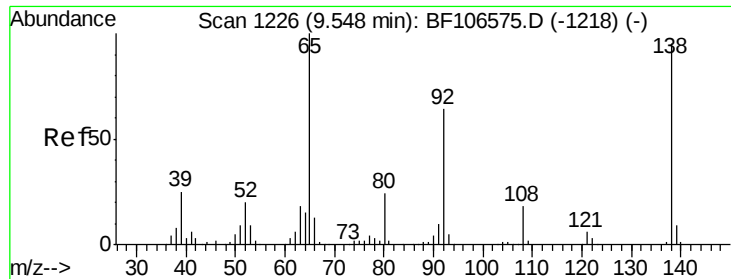
#46
 2-Chloronaphthalene
 Concen: 38.638 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion:162 Resp: 469550
 Ion Ratio Lower Upper
 162 100
 127 38.8 33.9 50.9
 164 35.8 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

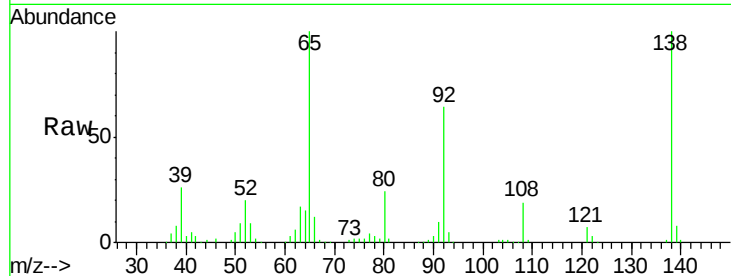




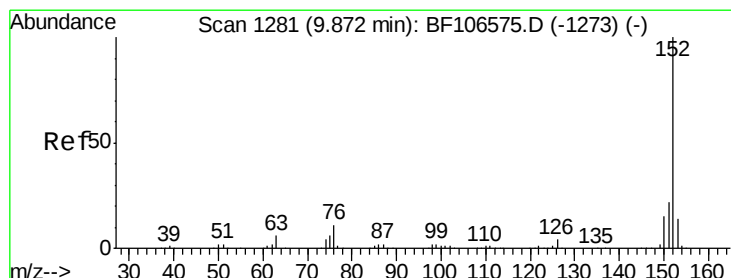
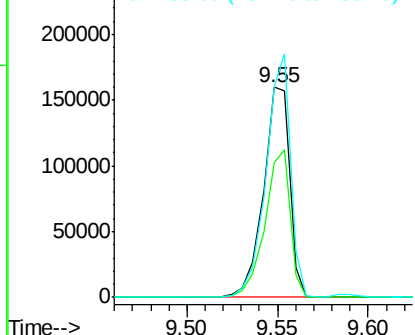
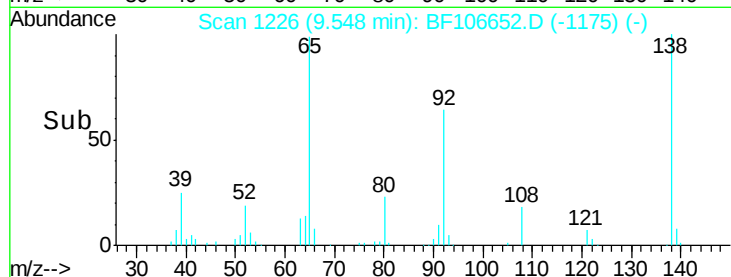
#47
2-Nitroaniline
Concen: 39.692 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Tgt Ion: 65 Resp: 162201
Ion Ratio Lower Upper
65 100
92 64.3 55.8 83.6
138 100.0 91.2 136.8

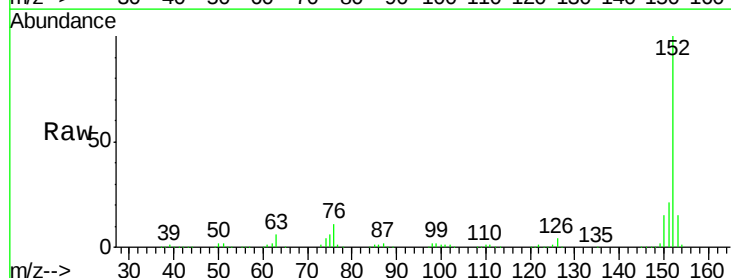


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

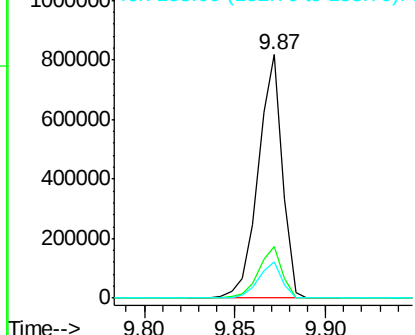
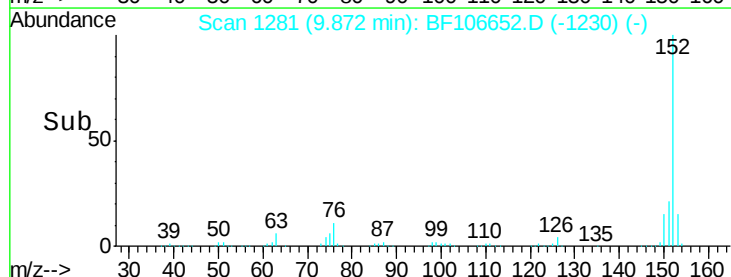


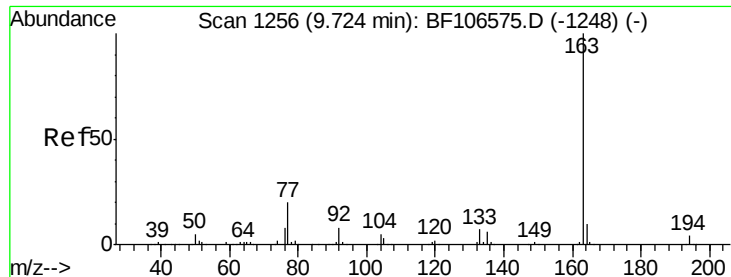
#48
Acenaphthylene
Concen: 39.318 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion: 152 Resp: 754362
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5
153 14.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

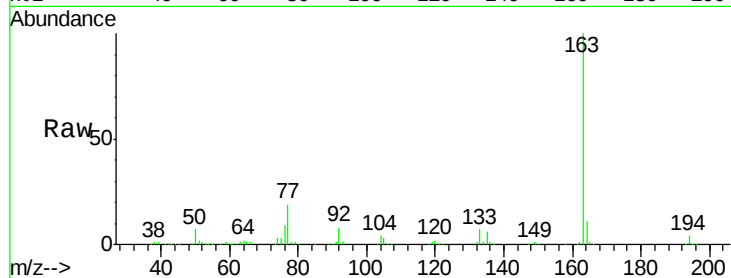




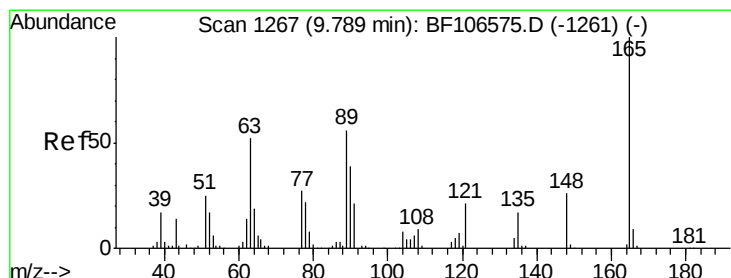
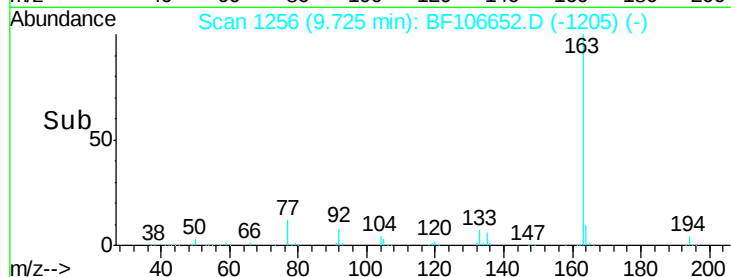
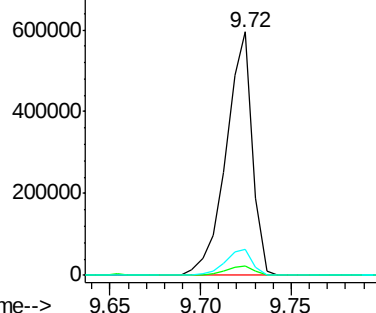
#49
Dimethylphthalate
Concen: 41.091 ng
RT: 9.72 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Tgt Ion:163 Resp: 597034
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.6 8.2 12.2

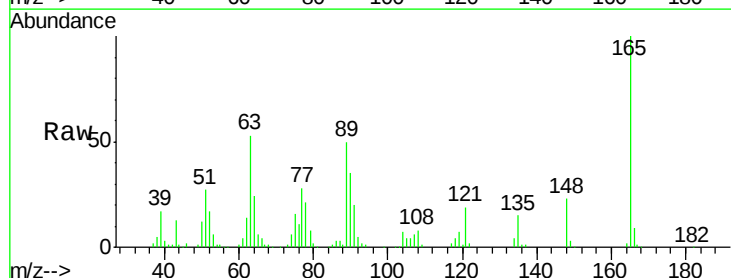


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

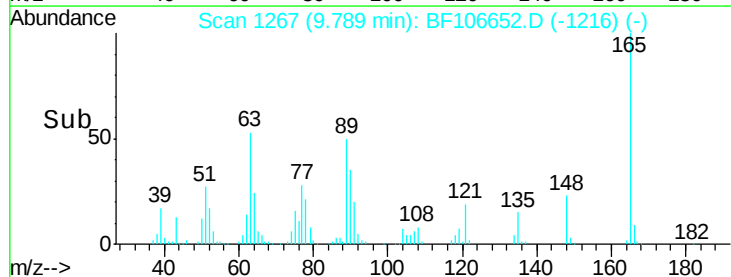
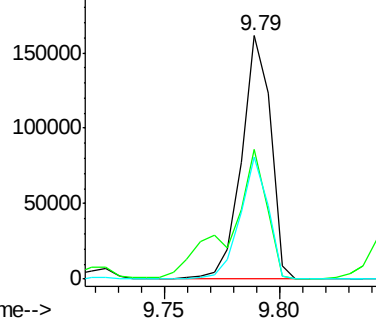


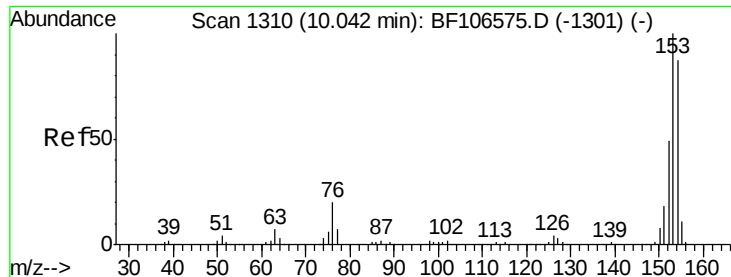
#50
2,6-Dinitrotoluene
Concen: 45.828 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion:165 Resp: 140997
Ion Ratio Lower Upper
165 100
63 53.1 44.7 67.1
89 50.2 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: 38.145 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

ClientSampleId :

PB110418BS

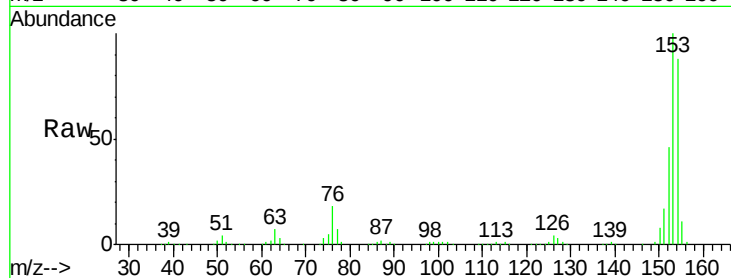
Tgt Ion:154 Resp: 460860

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

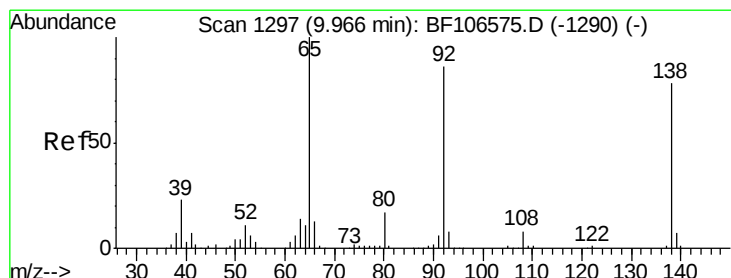
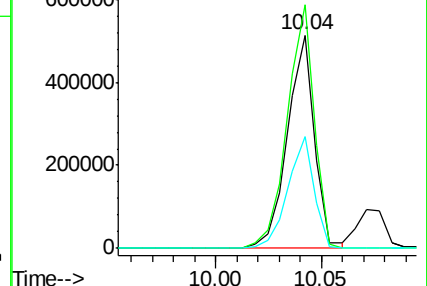
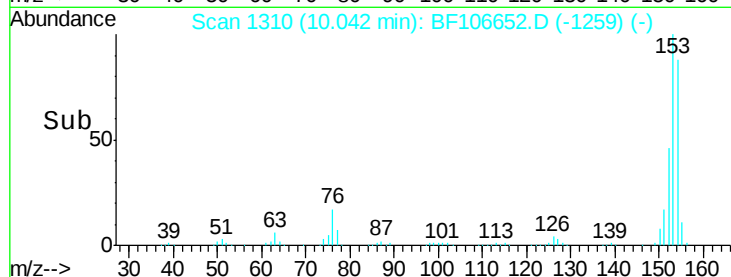
152 52.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.015 ng

RT: 9.97 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

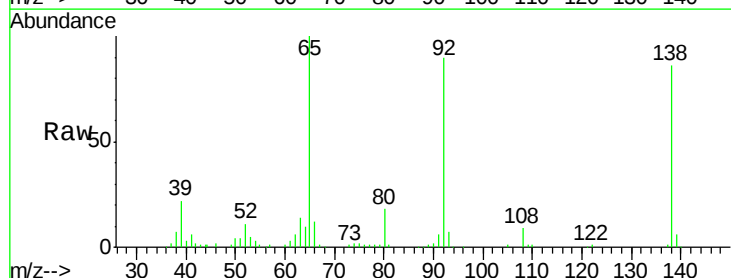
Tgt Ion:138 Resp: 99185

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

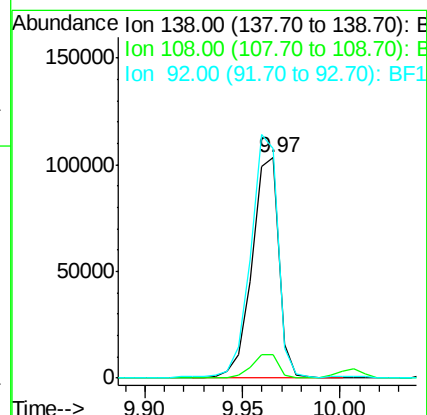
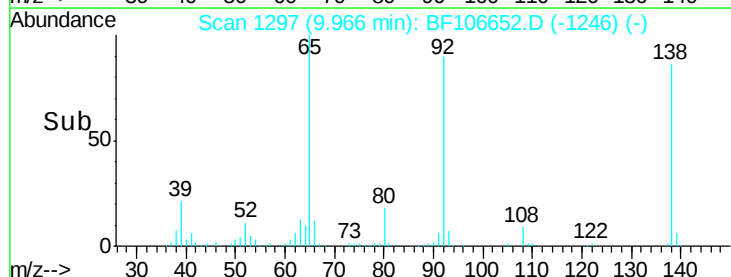
92 104.4 89.4 134.2

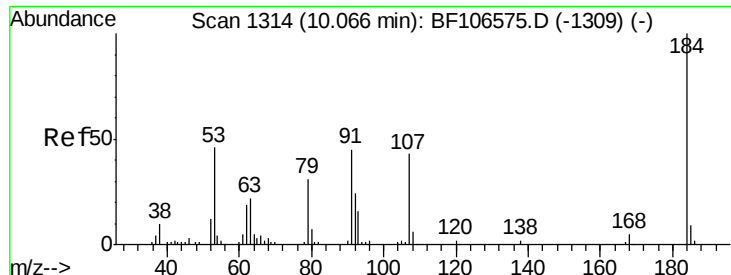


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

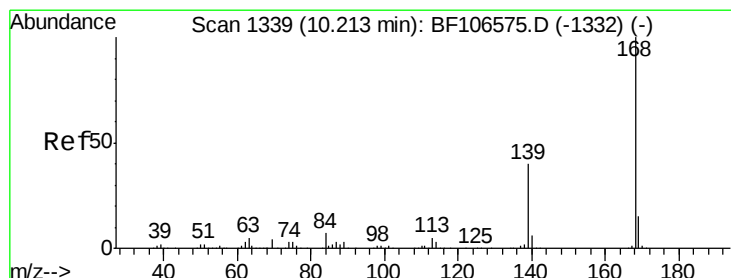
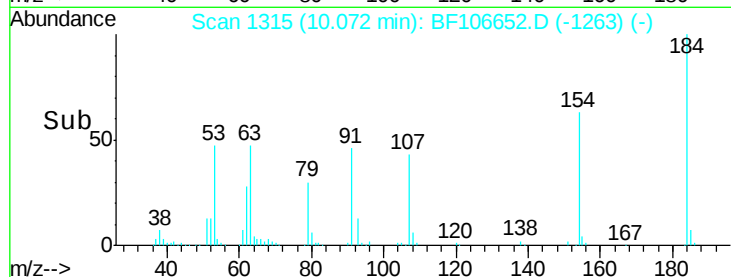
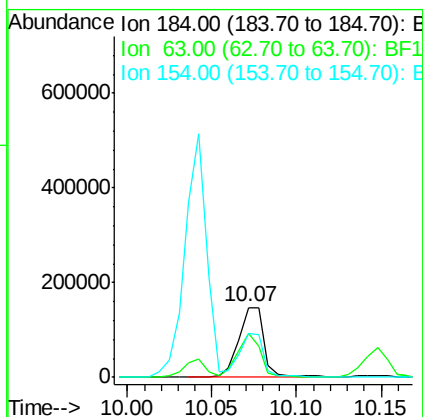
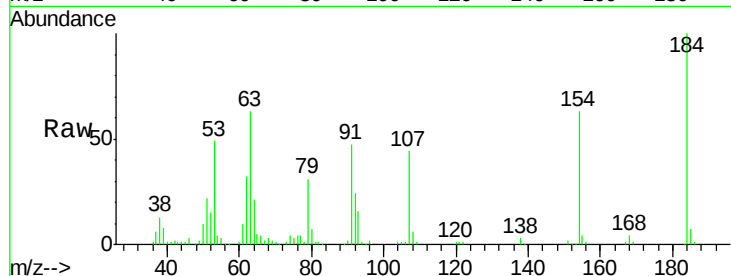




#53
 2,4-Dinitrophenol
 Concen: 96.679 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

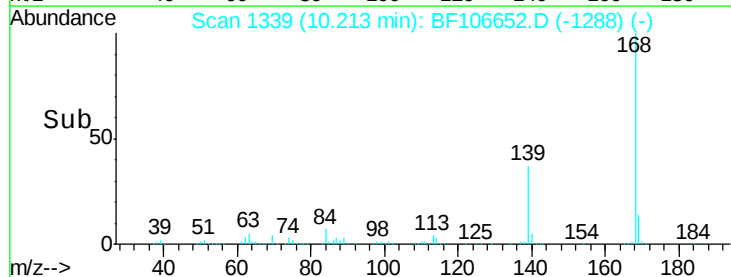
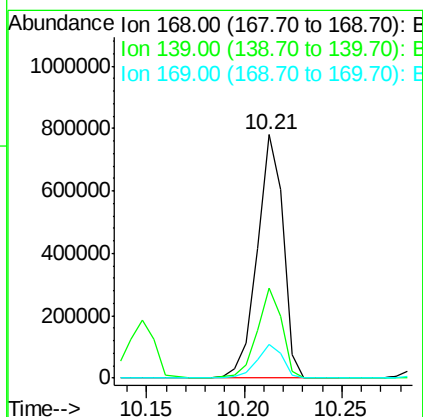
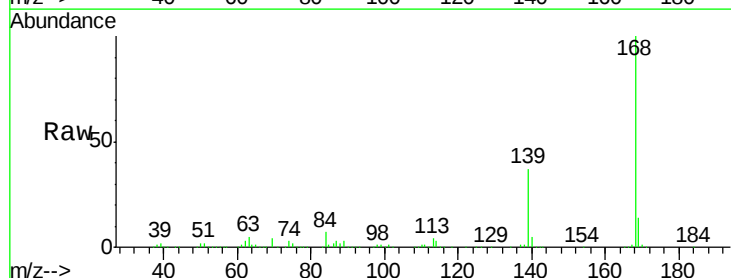
Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

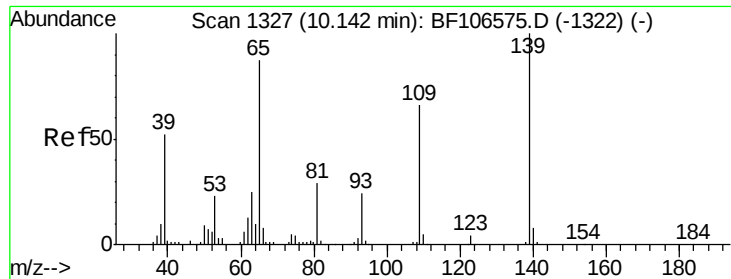
Tgt Ion:184 Resp: 156565
 Ion Ratio Lower Upper
 184 100
 63 63.4 54.2 81.2
 154 62.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 43.228 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion:168 Resp: 715162
 Ion Ratio Lower Upper
 168 100
 139 36.8 30.1 45.1
 169 14.1 10.9 16.3

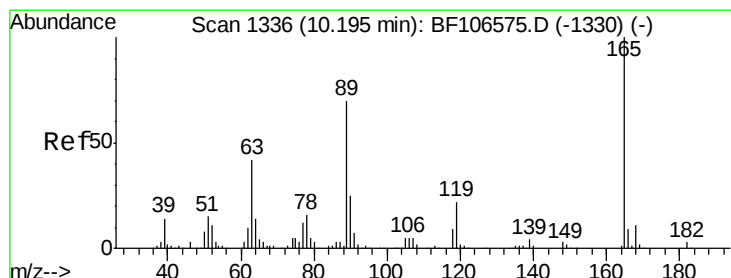
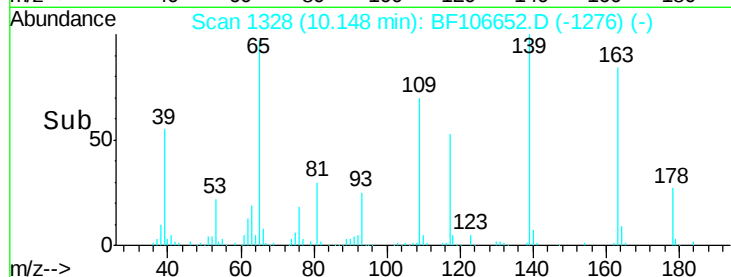
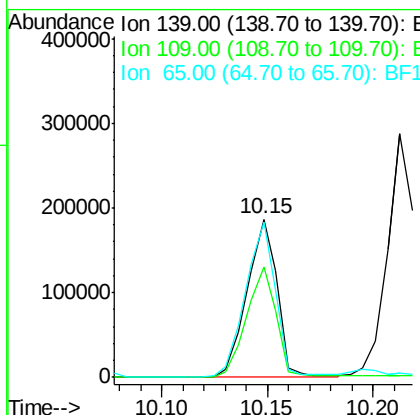
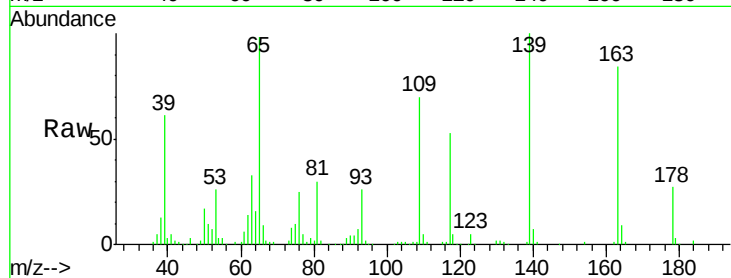




#55
4-Nitrophenol
Concen: 74.858 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

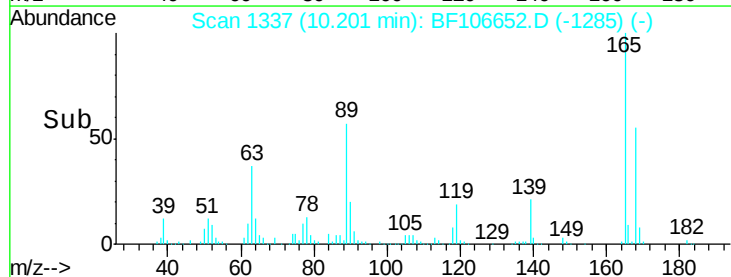
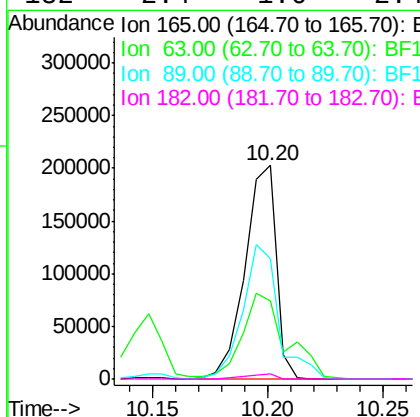
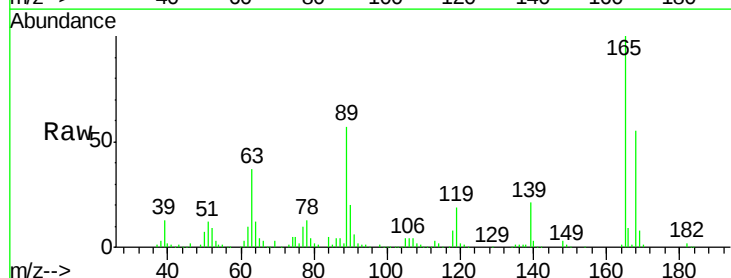
Instrument :
BNA_F
ClientSampleId :
PB110418BS

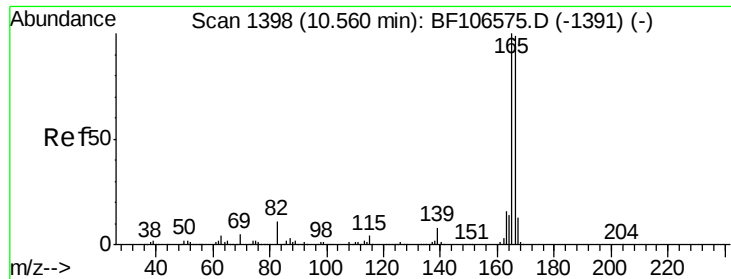
Tgt Ion:139 Resp: 184994
Ion Ratio Lower Upper
139 100
109 70.1 48.4 88.4
65 98.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 47.950 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion:165 Resp: 192563
Ion Ratio Lower Upper
165 100
63 36.5 36.4 54.6
89 56.6 57.8 86.6#
182 2.4 1.6 2.4#

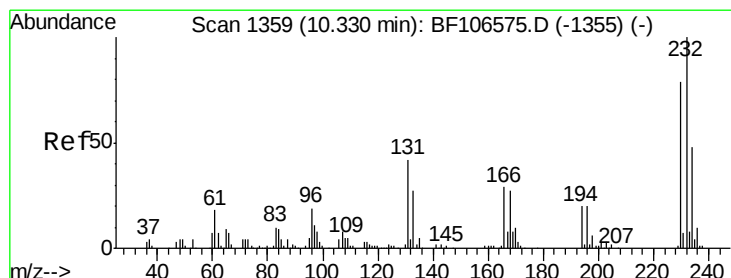
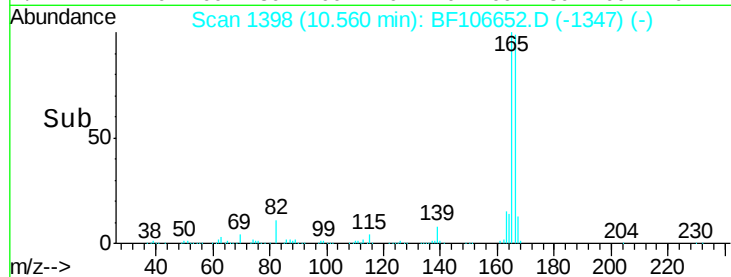
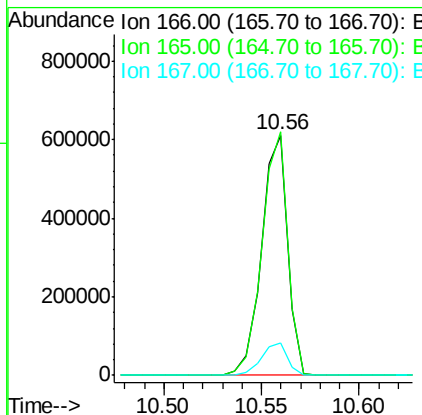
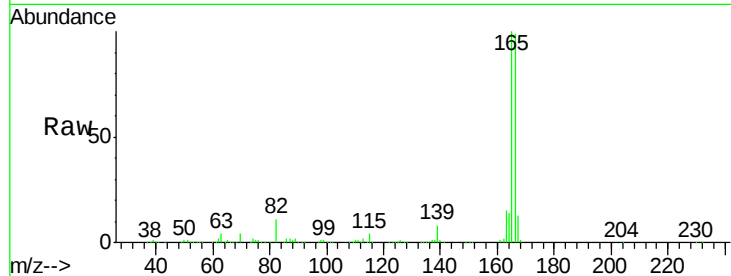




#57
Fluorene
 Concen: 42.912 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

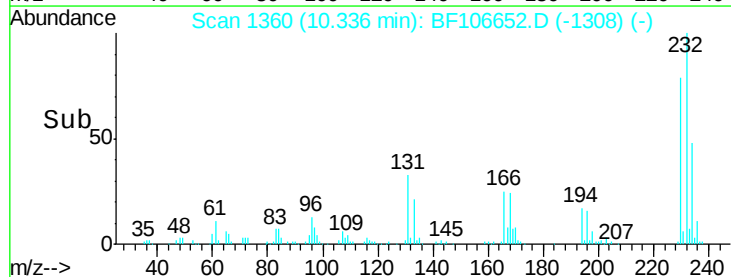
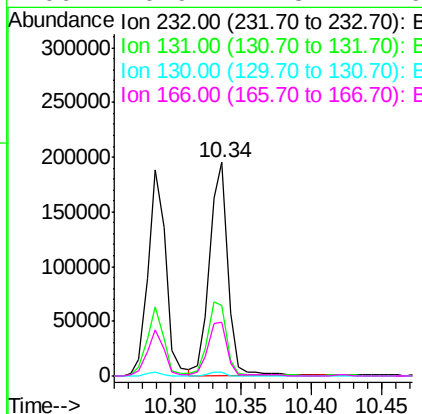
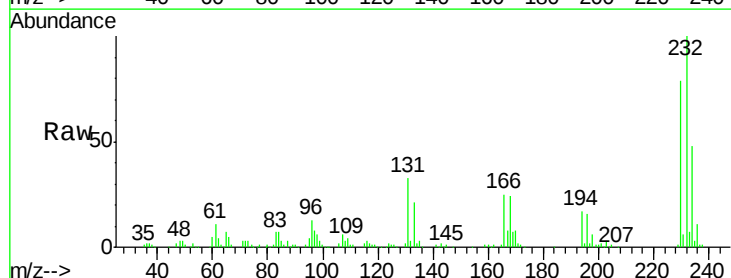
Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

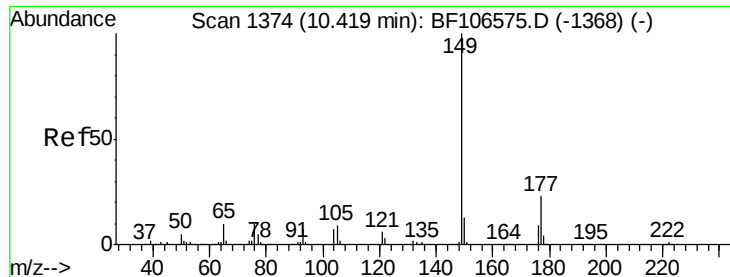
Tgt Ion:166 Resp: 563357
 Ion Ratio Lower Upper
 166 100
 165 101.4 79.8 119.8
 167 13.6 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.819 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion:232 Resp: 175607
 Ion Ratio Lower Upper
 232 100
 131 36.5 43.8 65.8#
 130 1.6 2.1 3.1#
 166 26.9 27.8 41.6#

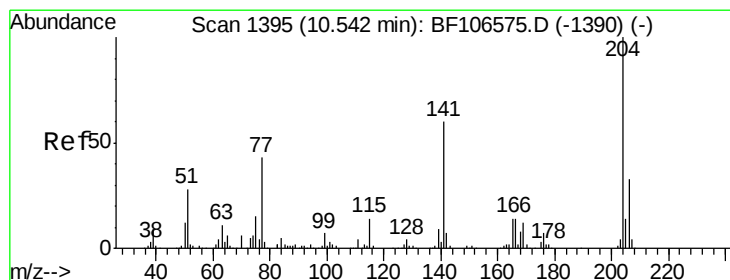
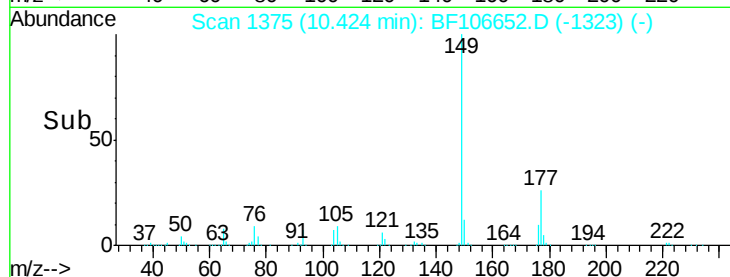
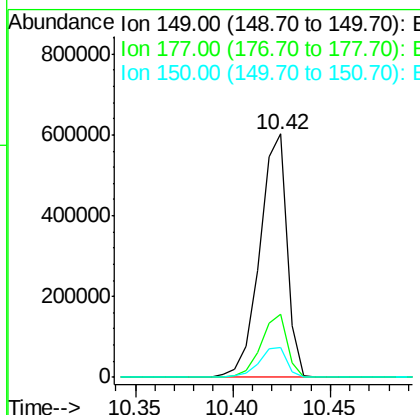
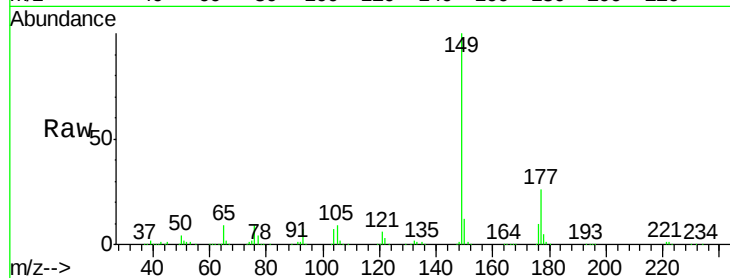




#59
Diethylphthalate
Concen: 41.540 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

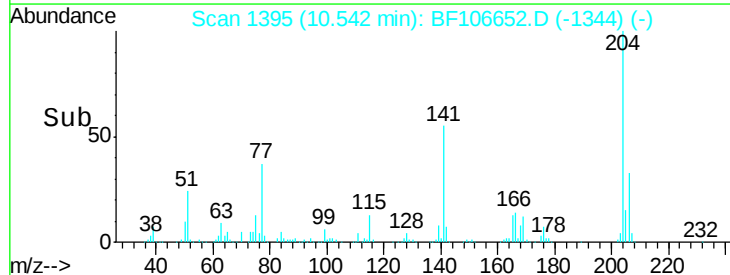
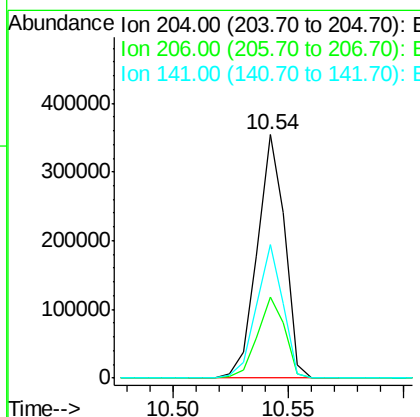
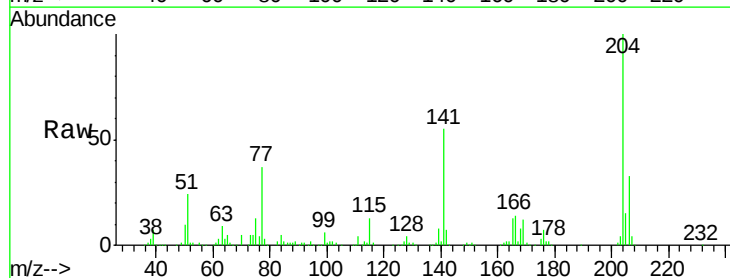
Instrument :
BNA_F
ClientSampleId :
PB110418BS

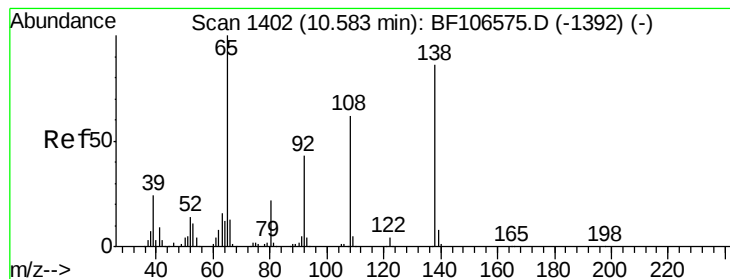
Tgt Ion:149 Resp: 582536
Ion Ratio Lower Upper
149 100
177 26.1 16.1 24.1#
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 43.097 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion:204 Resp: 296031
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 54.8 54.6 81.8





#61

4-Nitroaniline

Concen: 43.541 ng

RT: 10.59 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

ClientSampleId :

PB110418BS

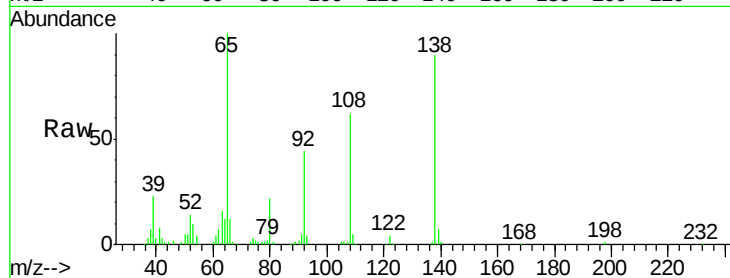
Tgt Ion:138 Resp: 152990

Ion Ratio Lower Upper

138 100

92 48.6 30.2 70.2

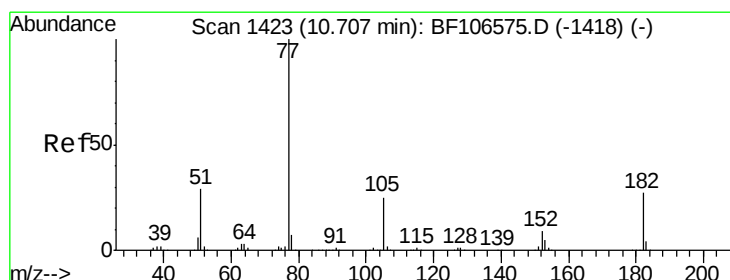
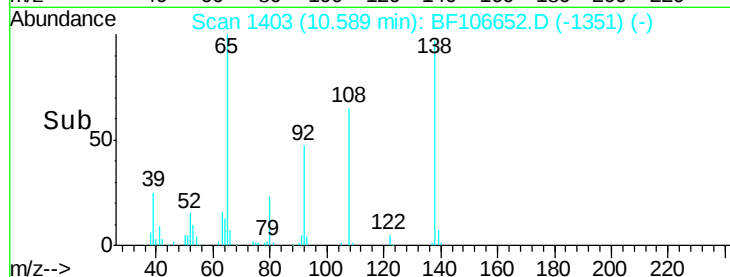
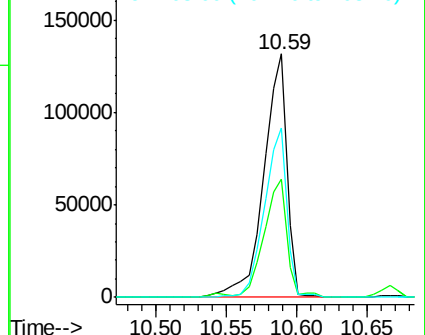
108 69.4 52.5 92.5



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: 40.920 ng

RT: 10.71 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Tgt Ion: 77 Resp: 565083

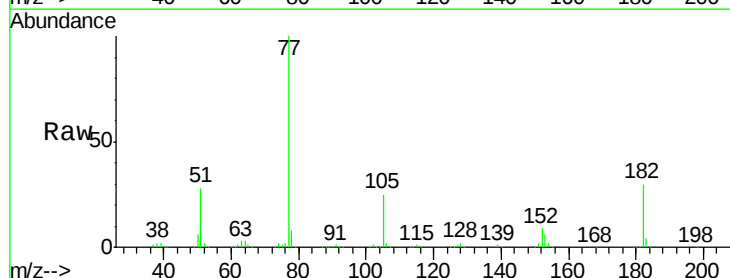
Ion Ratio Lower Upper

77 100

182 30.0 1.7 41.7

105 25.3 3.0 43.0

51 28.5 9.9 49.9

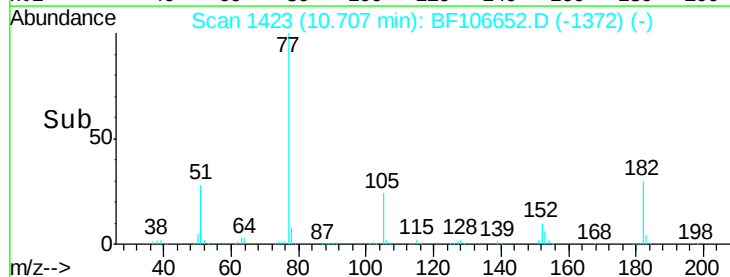
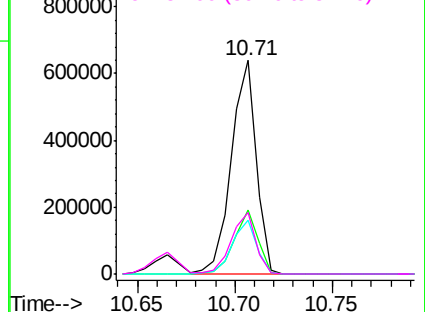


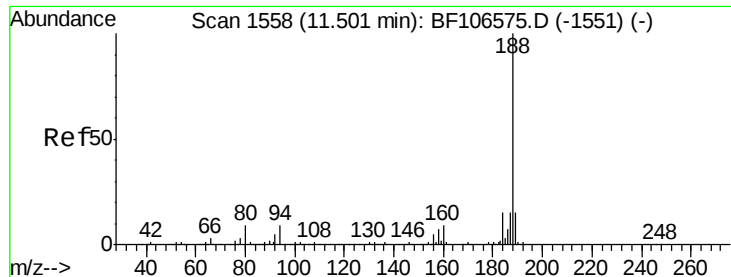
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

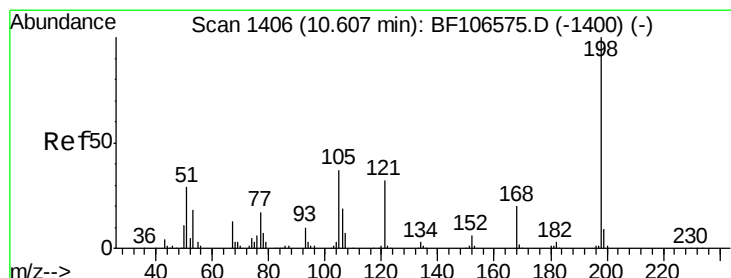
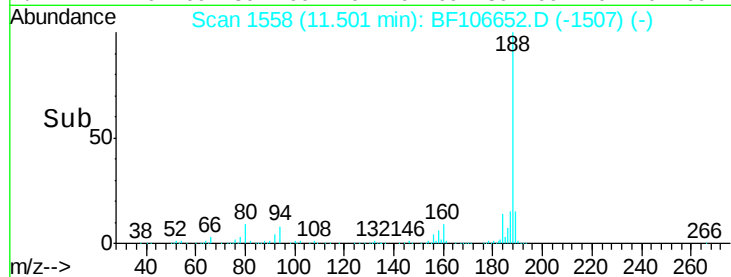
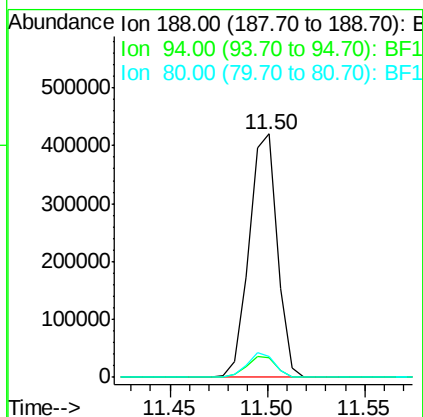
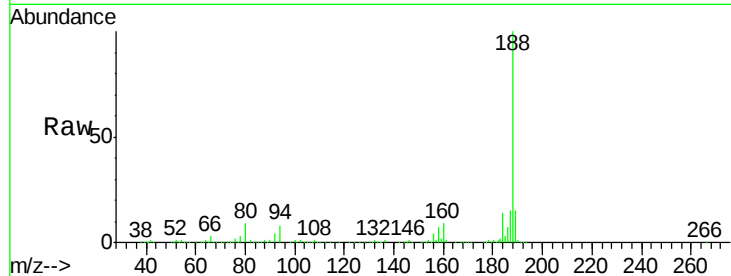




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

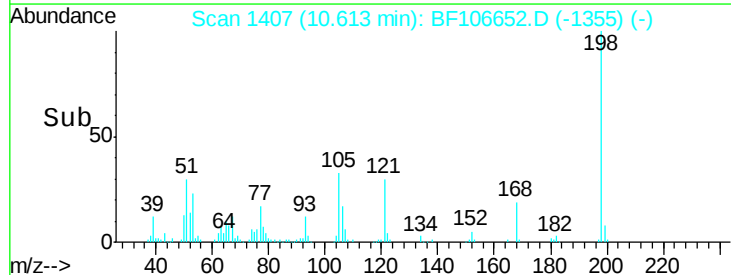
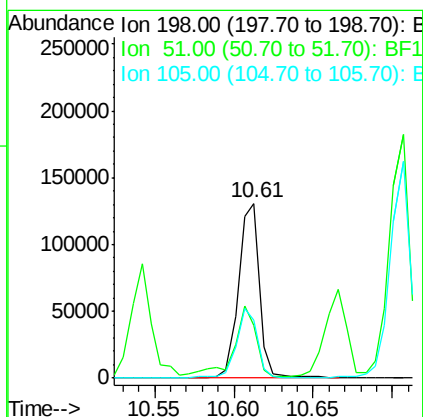
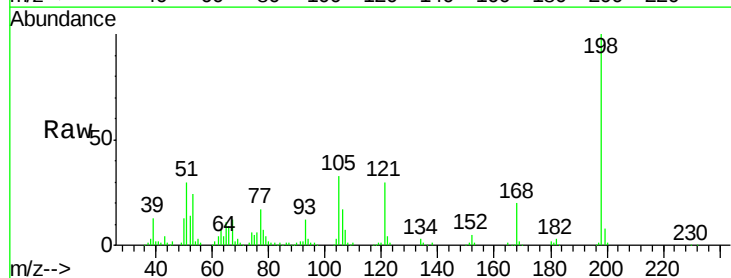
Instrument :
BNA_F
ClientSampled :
PB110418BS

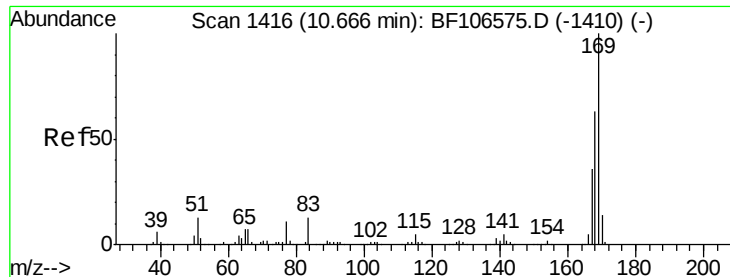
Tgt Ion:188 Resp: 420921
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.7 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 45.953 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion:198 Resp: 119565
Ion Ratio Lower Upper
198 100
51 30.4 37.7 77.7#
105 33.1 36.3 76.3#

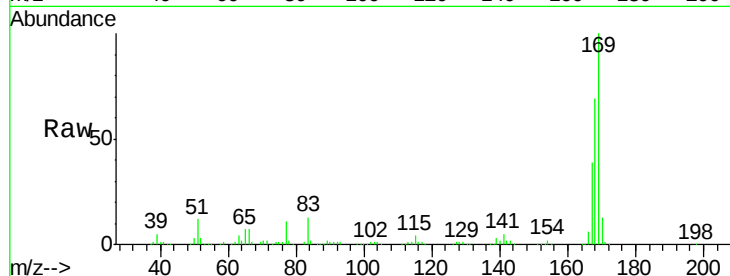




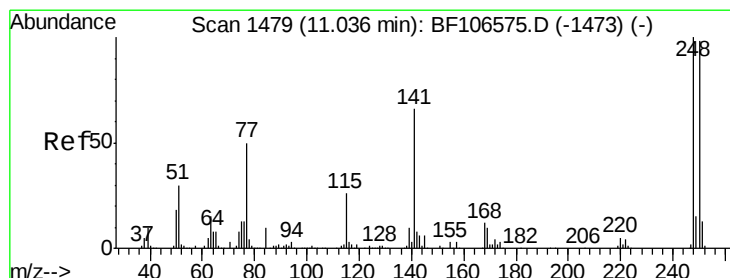
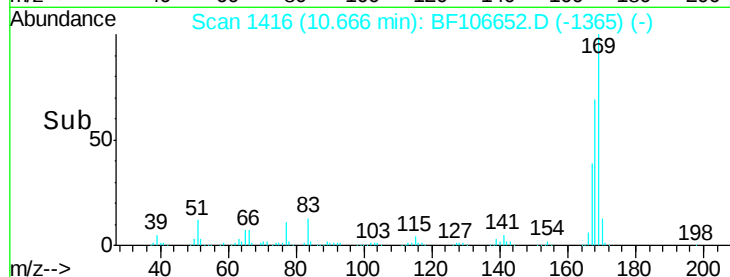
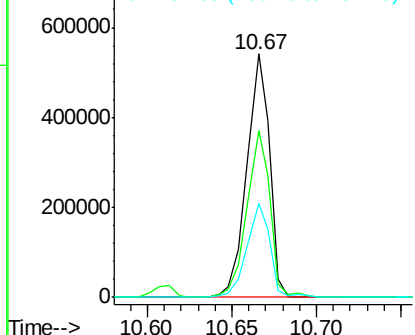
#65
n-Nitrosodiphenylamine
Concen: 36.200 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Tgt Ion:169 Resp: 512512
Ion Ratio Lower Upper
169 100
168 68.7 54.4 81.6
167 38.5 29.8 44.6

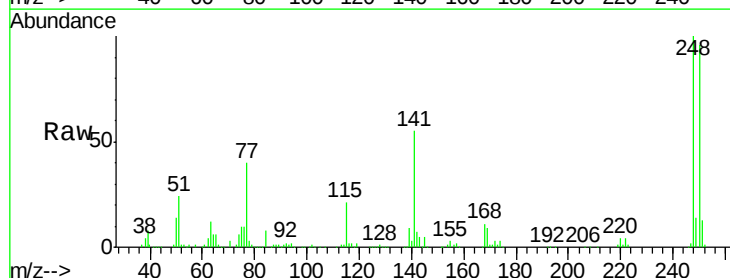


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

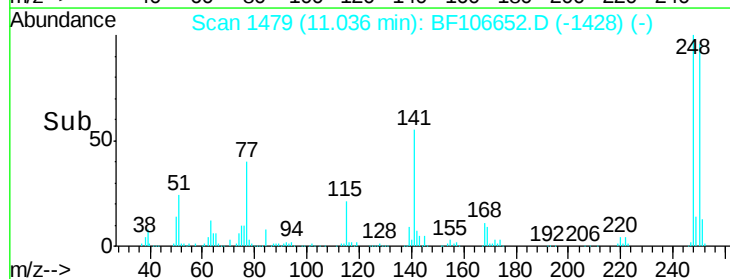
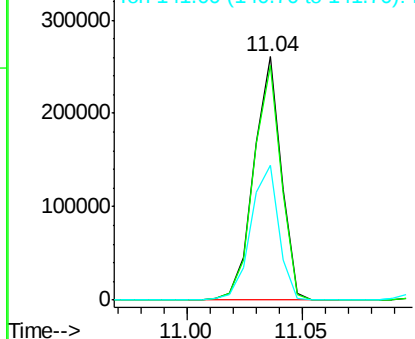


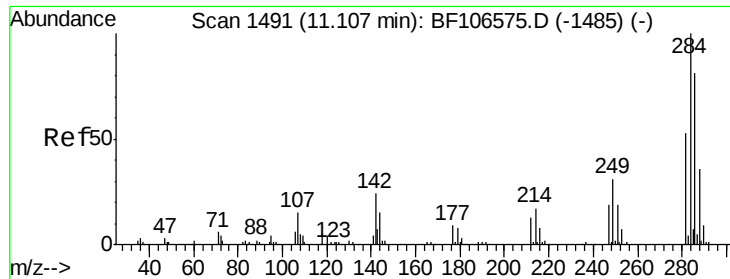
#66
4-Bromophenyl-phenylether
Concen: 42.869 ng
RT: 11.04 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion:248 Resp: 215350
Ion Ratio Lower Upper
248 100
250 96.4 76.9 115.3
141 55.4 74.4 111.6#



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

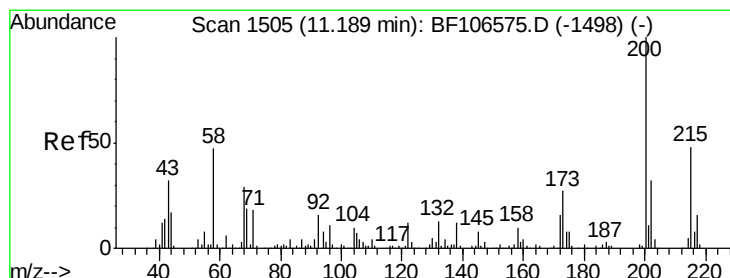
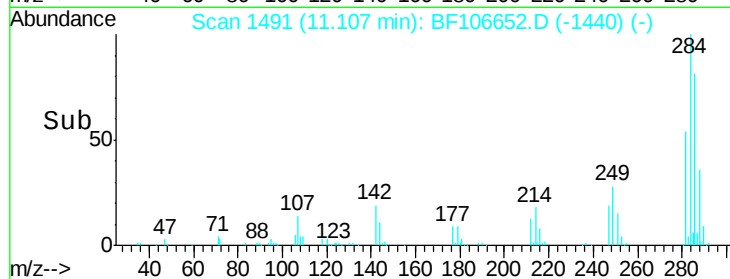
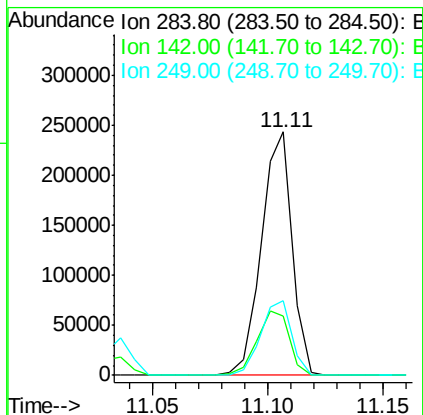
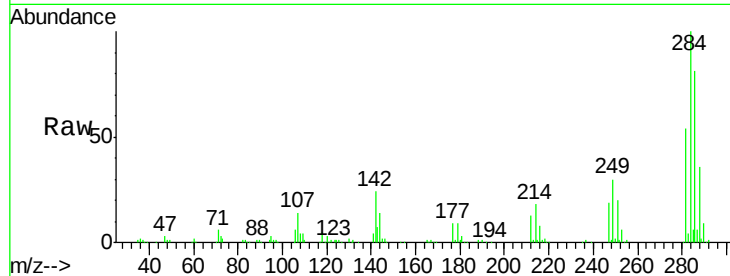




#67
Hexachlorobenzene
Concen: 42.789 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

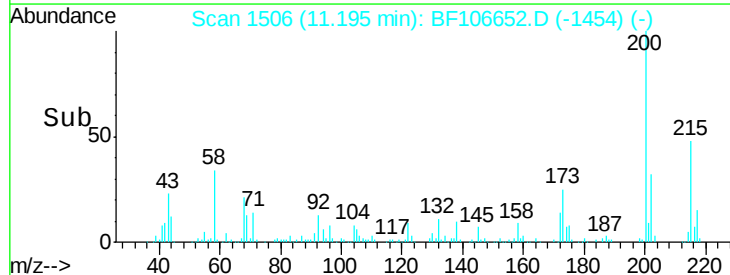
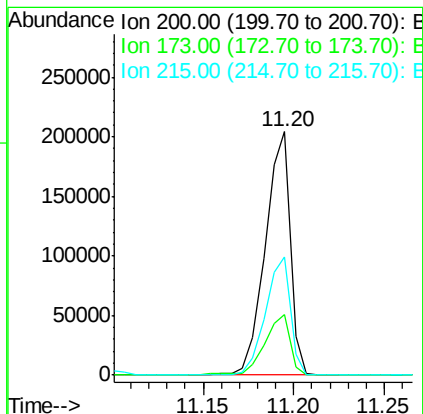
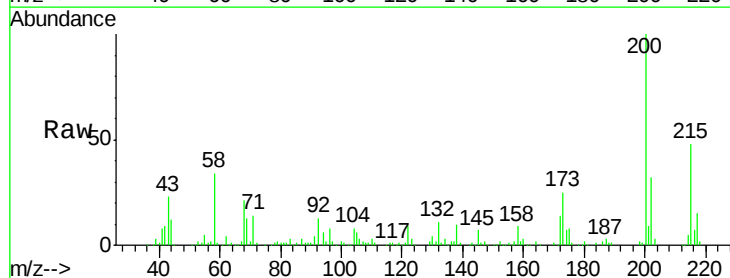
Instrument :
BNA_F
ClientSampleId :
PB110418BS

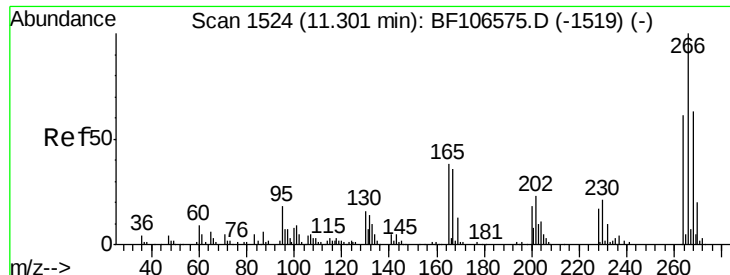
Tgt Ion: 284 Resp: 224974
Ion Ratio Lower Upper
284 100
142 24.3 34.6 52.0#
249 30.4 24.8 37.2



#68
Atrazine
Concen: 43.416 ng
RT: 11.20 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion: 200 Resp: 195408
Ion Ratio Lower Upper
200 100
173 25.0 8.6 48.6
215 48.3 25.1 65.1

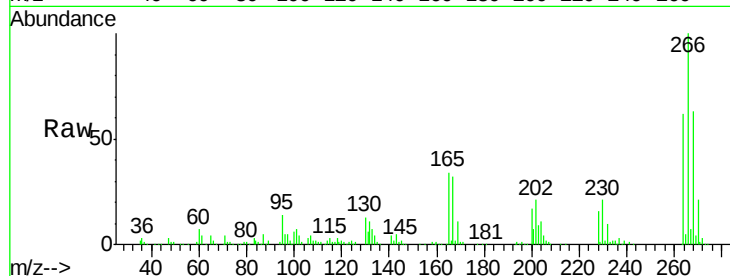




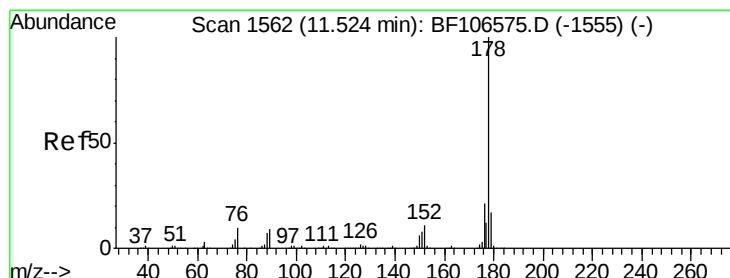
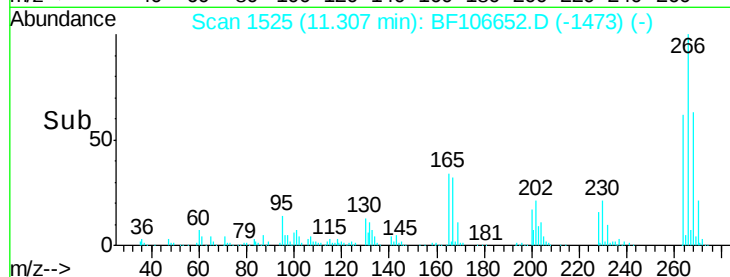
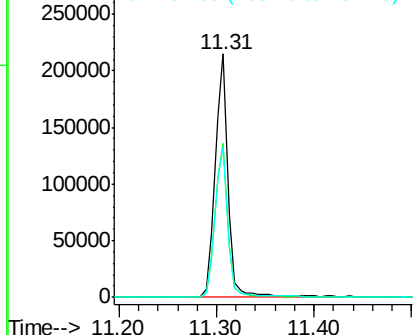
#69
 Pentachlorophenol
 Concen: 75.380 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

Tgt Ion:266 Resp: 197753
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 61.7 49.5 74.3

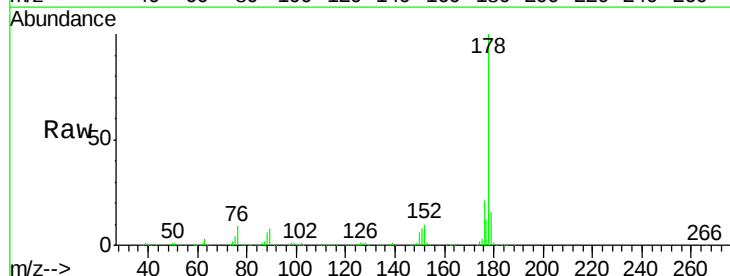


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

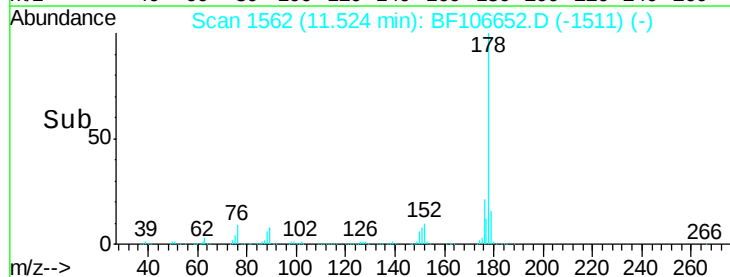
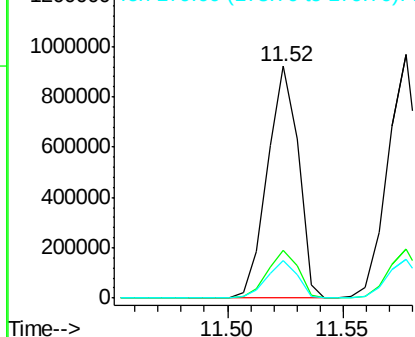


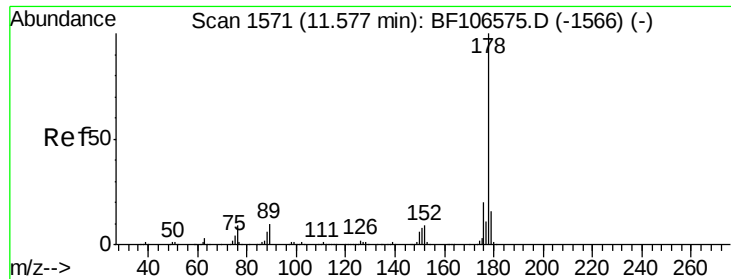
#70
 Phenanthrene
 Concen: 42.278 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion:178 Resp: 858329
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.8 23.8
 179 16.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

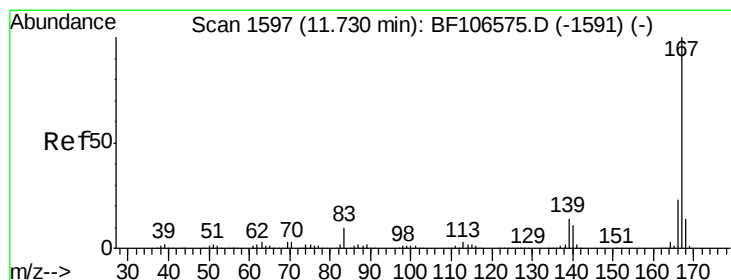
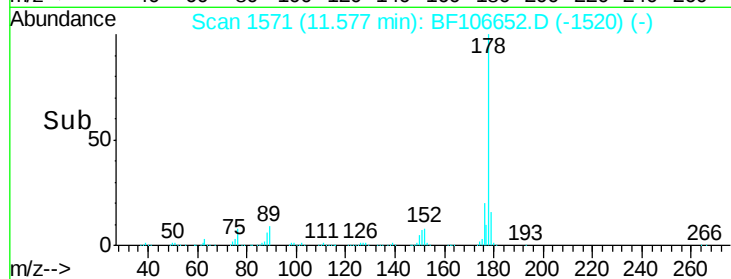
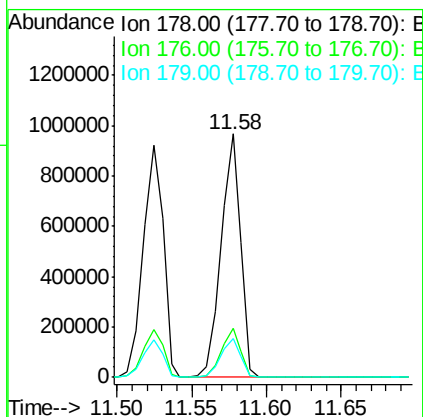
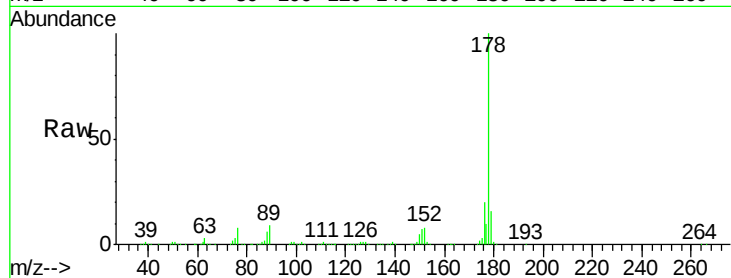




#71
 Anthracene
 Concen: 43.228 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

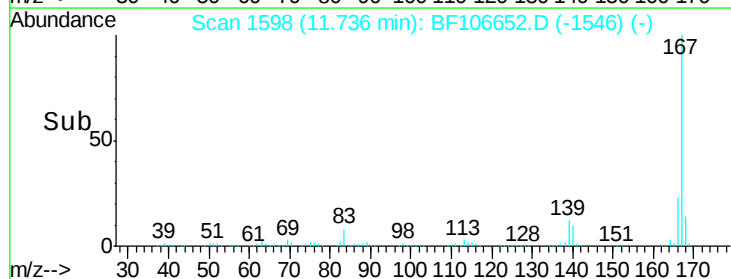
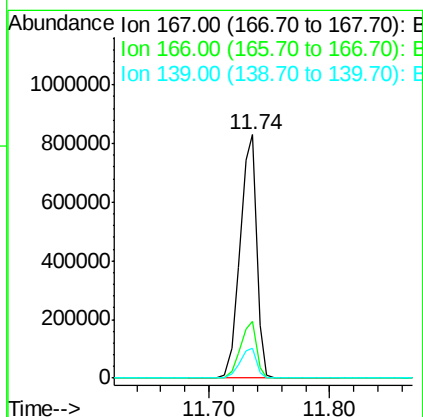
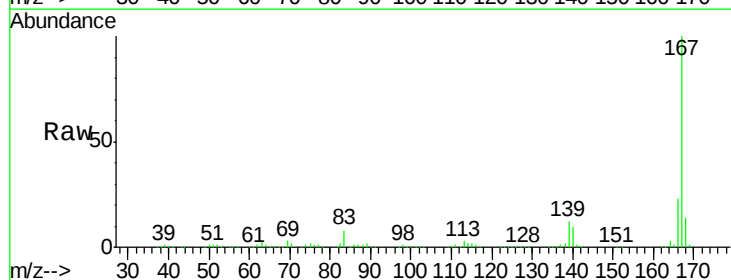
Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

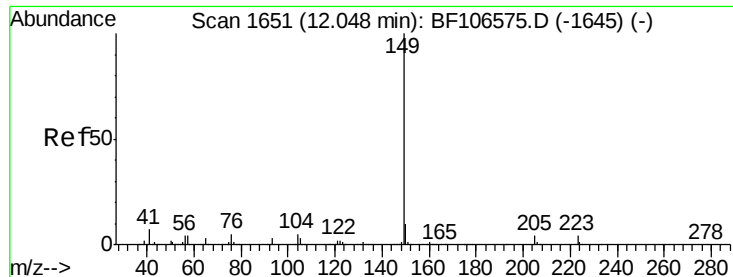
Tgt Ion:178 Resp: 895783
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 41.316 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion:167 Resp: 801567
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.6 26.4
 139 12.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.175 ng

RT: 12.05 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

ClientSampleId :

PB110418BS

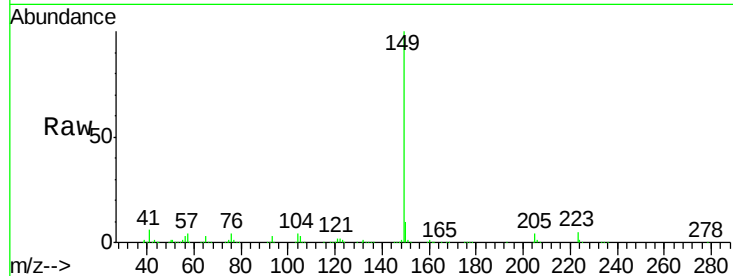
Tgt Ion:149 Resp: 918251

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

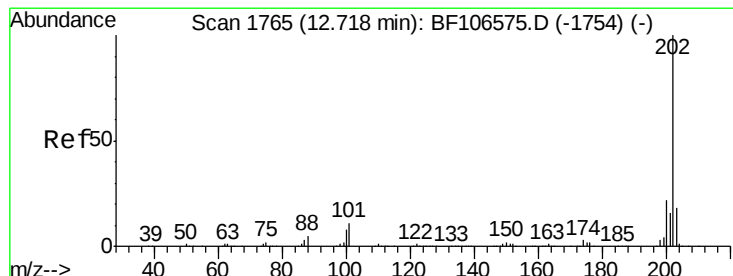
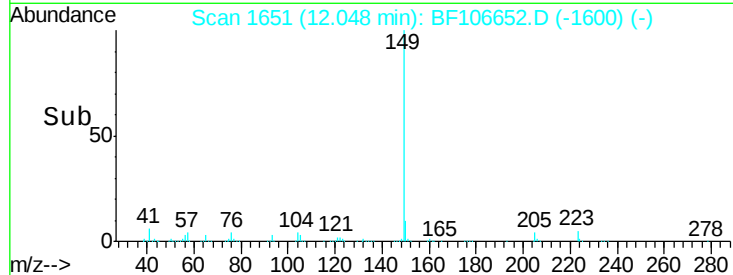
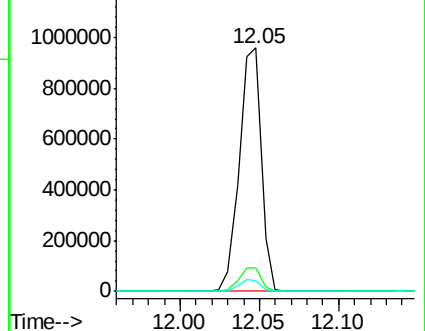
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.457 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

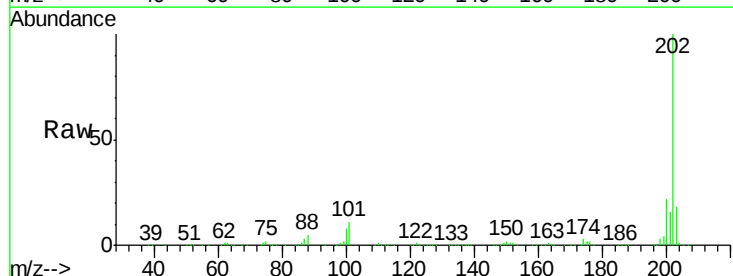
Tgt Ion:202 Resp: 972427

Ion Ratio Lower Upper

202 100

101 10.7 0.0 34.1

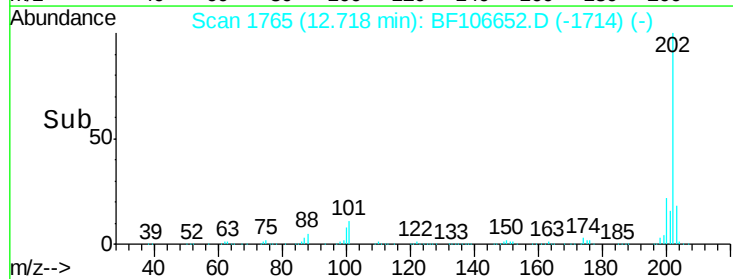
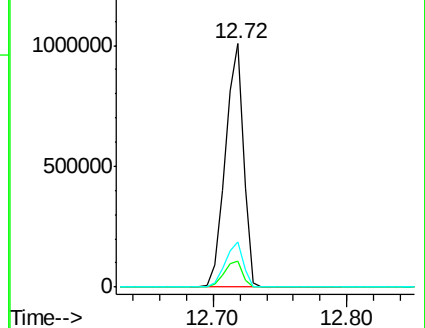
203 18.3 0.0 38.1

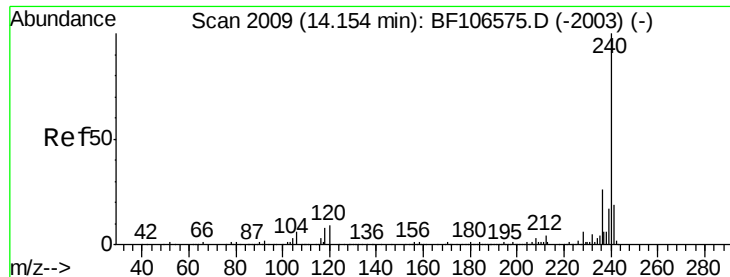


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.18 min Scan# 2013

Delta R.T. 0.02 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

ClientSampleId :

PB110418BS

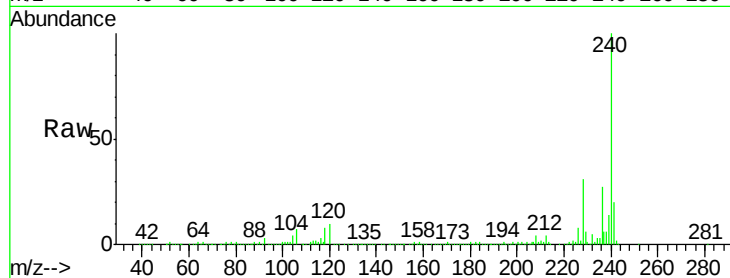
Tgt Ion:240 Resp: 343260

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

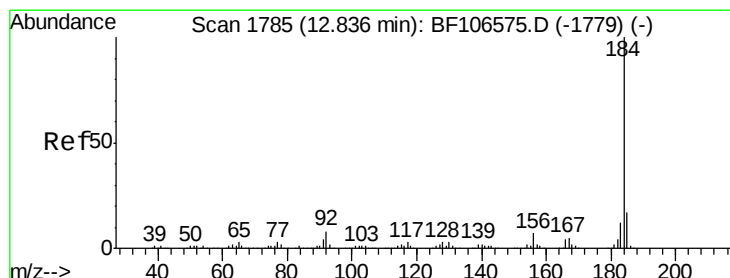
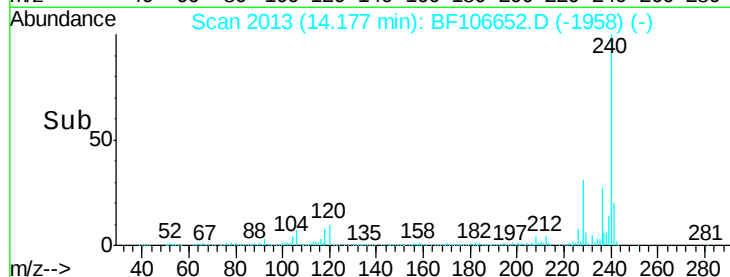
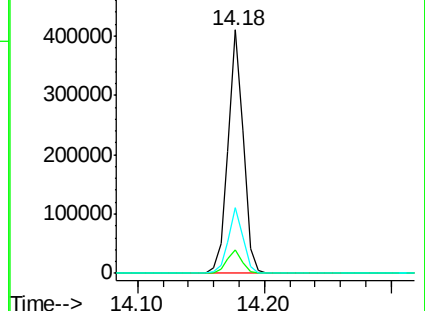
236 27.0 20.7 31.1



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: 47.816 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

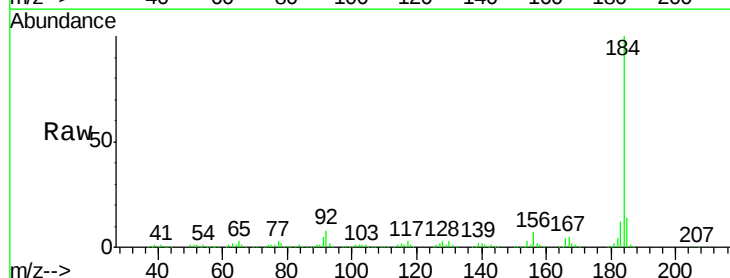
Tgt Ion:184 Resp: 467445

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

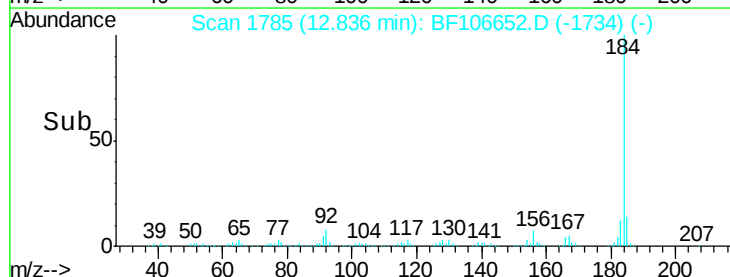
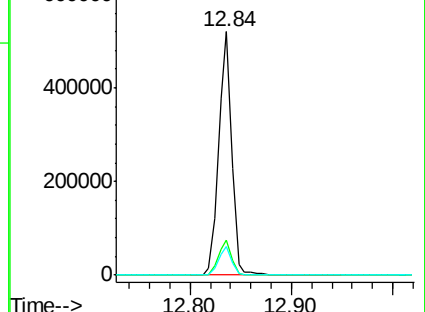
183 11.7 9.3 13.9

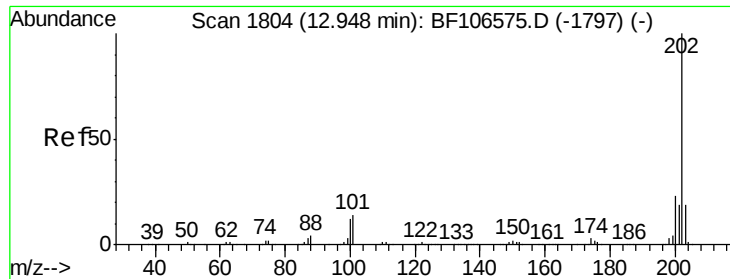


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

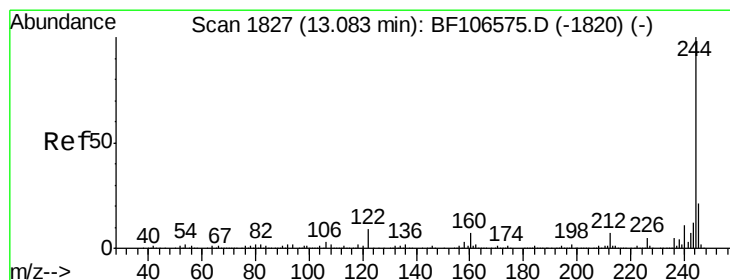
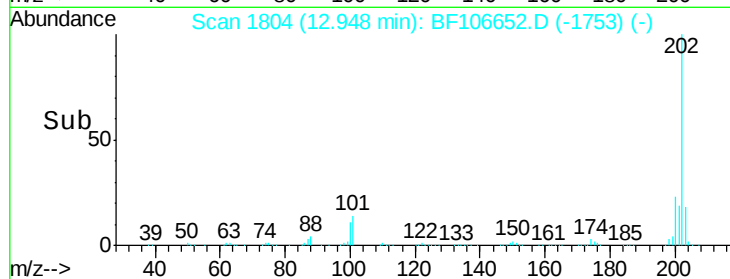
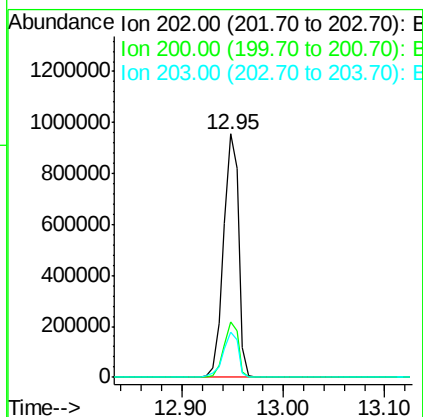
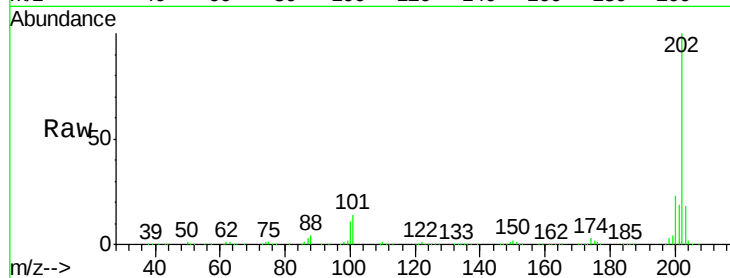




#77
 Pyrene
 Concen: 43.213 ng
 RT: 12.95 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

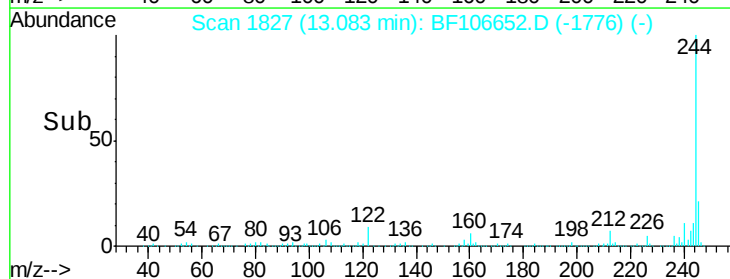
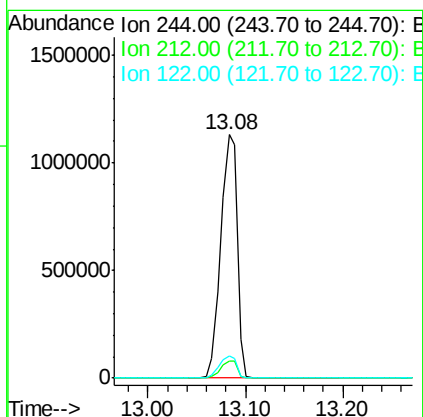
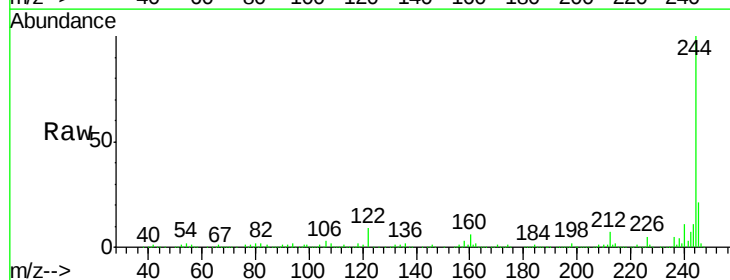
Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

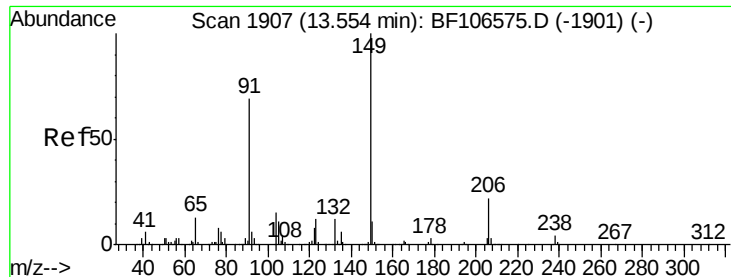
Tgt Ion: 202 Resp: 978150
 Ion Ratio Lower Upper
 202 100
 200 22.7 17.4 26.2
 203 18.5 14.3 21.5



#78
 Terphenyl-d14
 Concen: 93.807 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion: 244 Resp: 1329327
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 9.1 11.0 16.4#

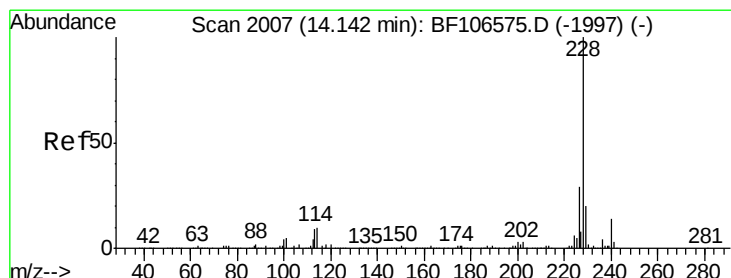
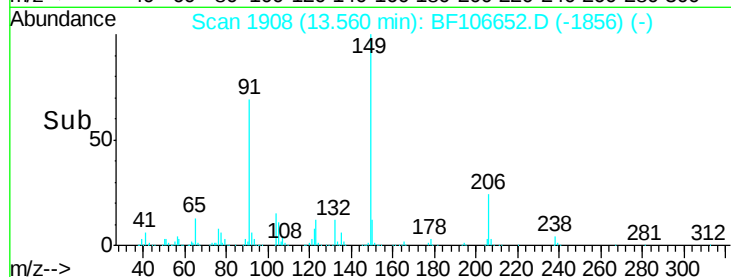
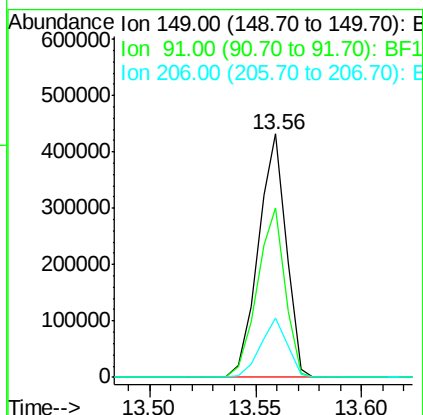
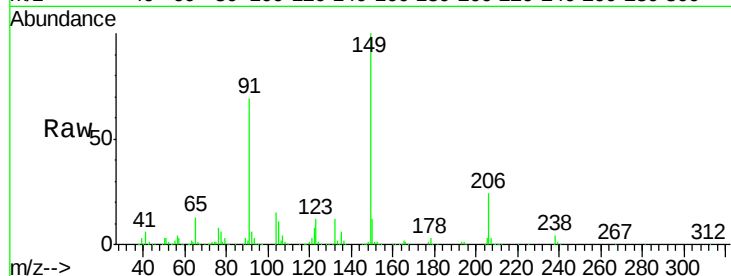




#79
Butylbenzylphthalate
Concen: 42.625 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

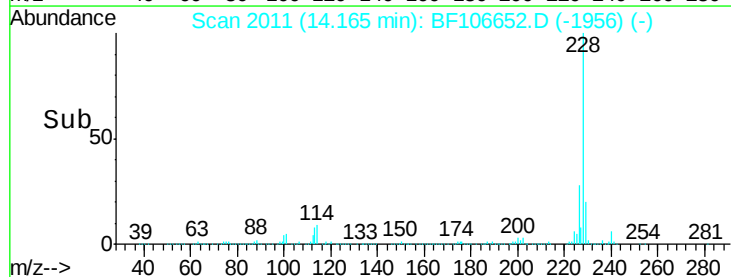
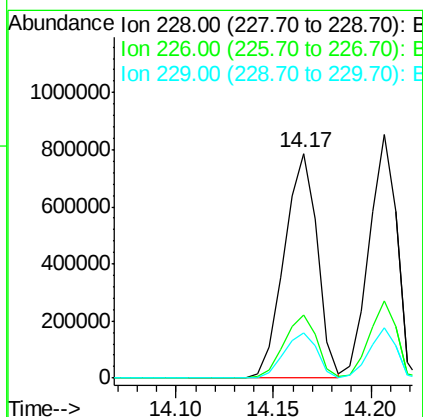
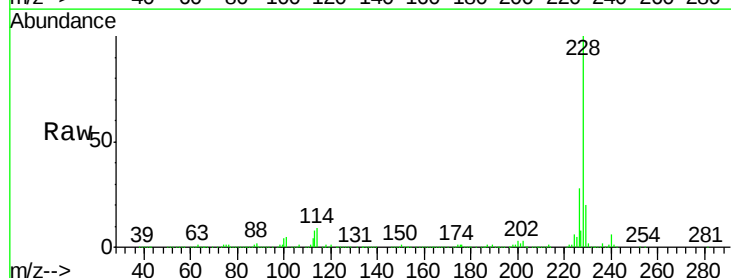
Instrument :
BNA_F
ClientSampleId :
PB110418BS

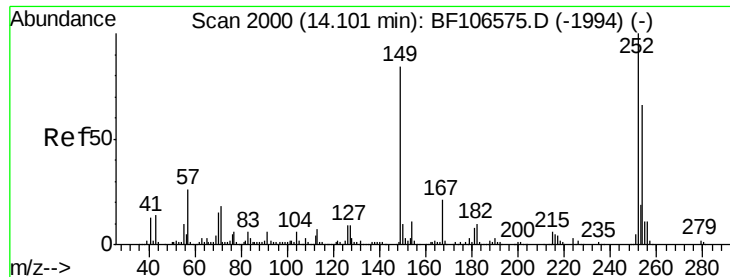
Tgt Ion:149 Resp: 396697
Ion Ratio Lower Upper
149 100
91 69.4 56.8 85.2
206 24.1 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 43.799 ng
RT: 14.17 min Scan# 2011
Delta R.T. 0.02 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion:228 Resp: 916301
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.2 15.8 23.6

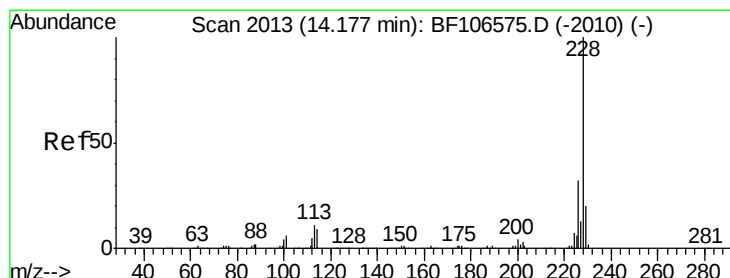
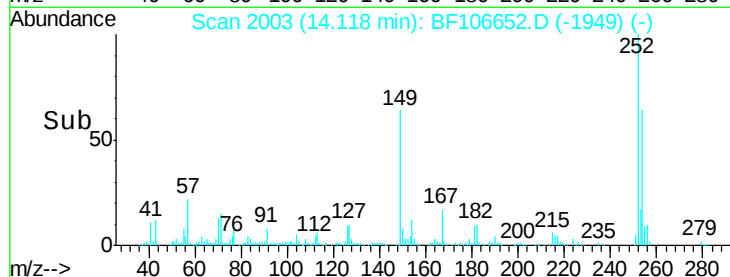
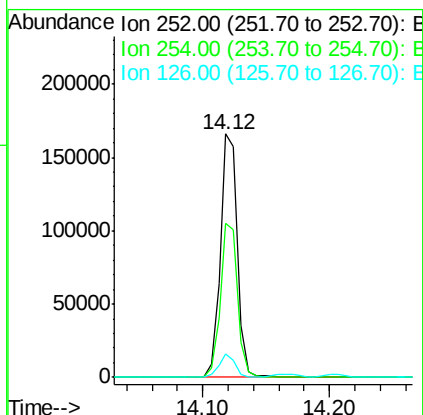
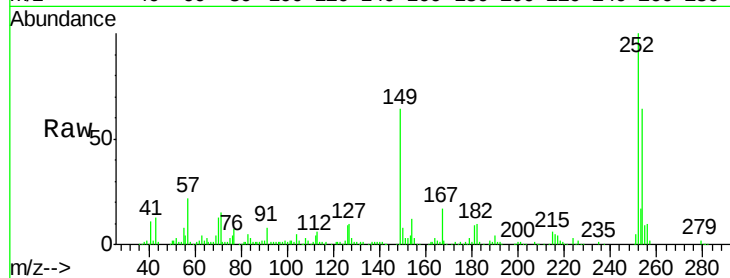




#81
 3,3'-Dichlorobenzidine
 Concen: 21.270 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. 0.02 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

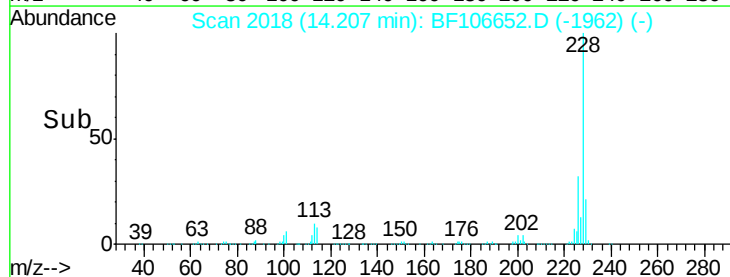
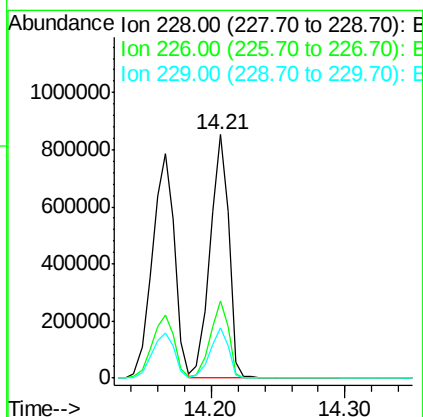
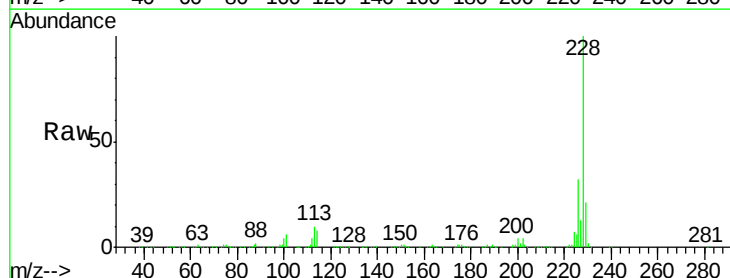
Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

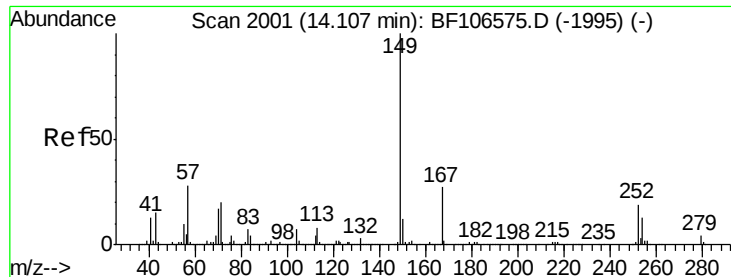
Tgt Ion: 252 Resp: 156391
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.4 75.6
 126 9.4 11.3 16.9#



#82
 Chrysene
 Concen: 43.423 ng
 RT: 14.21 min Scan# 2018
 Delta R.T. 0.03 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion: 228 Resp: 835762
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.0 37.6
 229 20.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.448 ng

RT: 14.13 min Scan# 2005

Delta R.T. 0.02 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

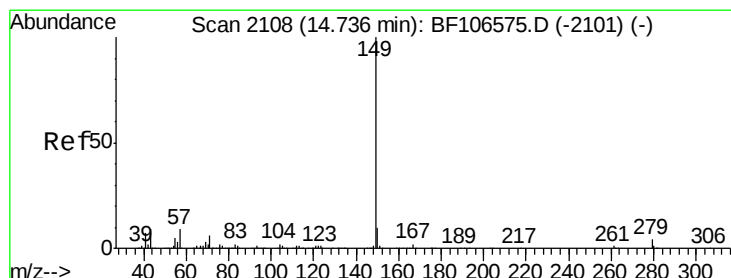
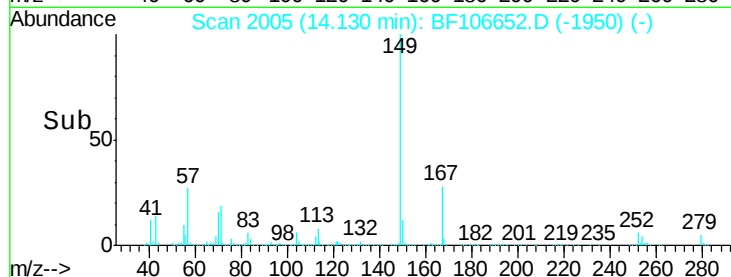
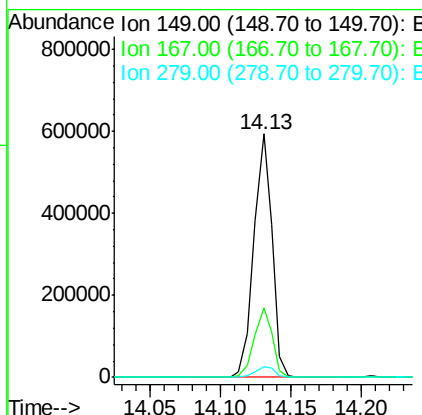
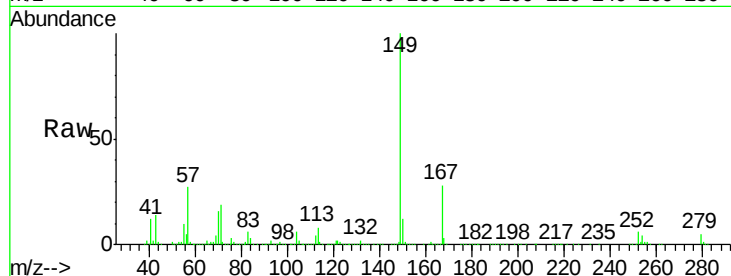
Instrument :

BNA_F

ClientSampleId :

PB110418BS

Tgt Ion:	149	Resp:	540754
Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.3	31.9
279	4.5	3.0	4.4#



#84

Di-n-octyl phthalate

Concen: 42.295 ng

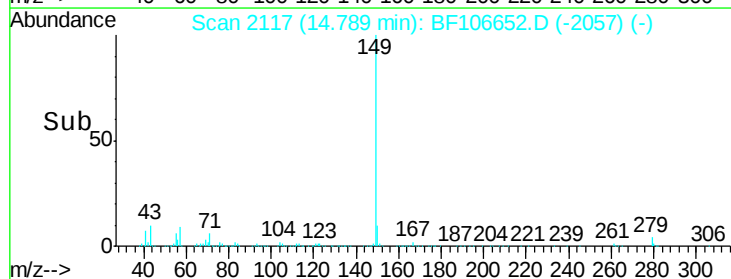
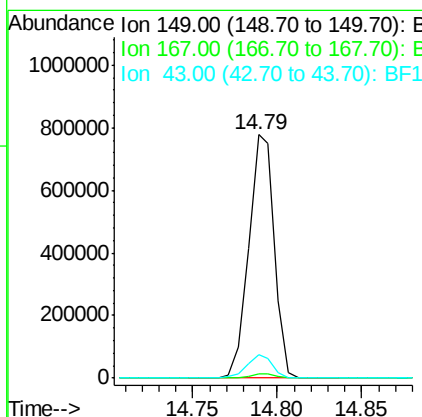
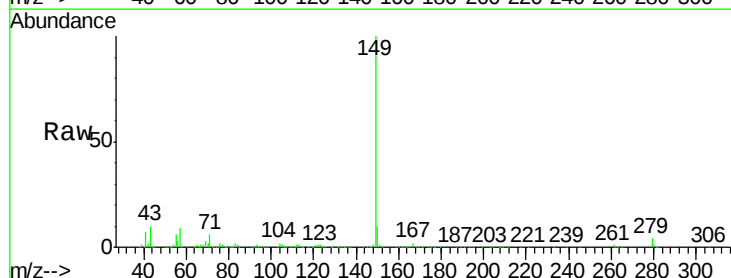
RT: 14.79 min Scan# 2117

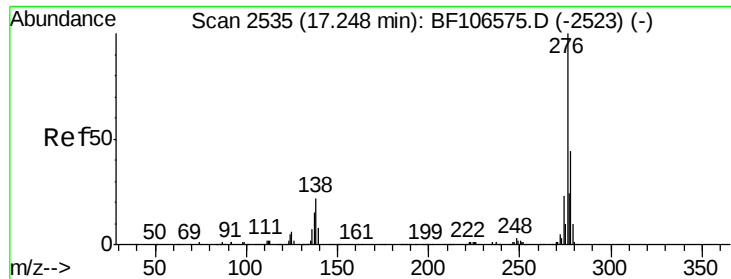
Delta R.T. 0.05 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Tgt Ion:	149	Resp:	820296
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.9	8.4	12.6

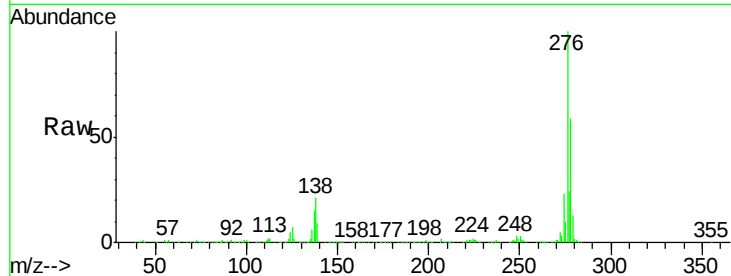




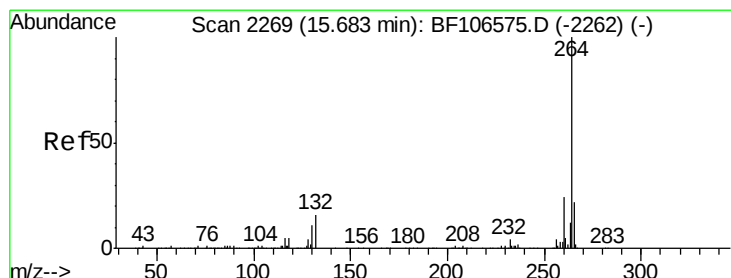
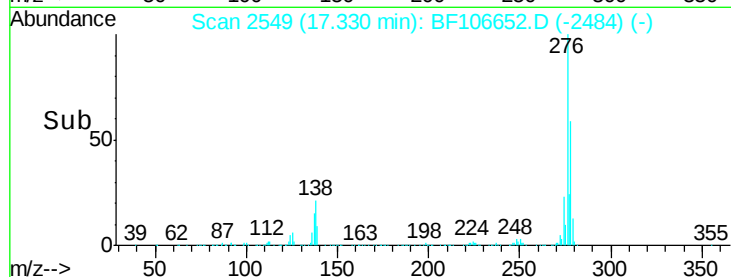
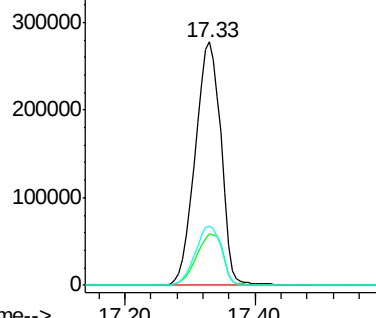
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.689 ng
 RT: 17.33 min Scan# 2549
 Delta R.T. 0.08 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	25.0	37.6#
277	25.0	20.1	30.1

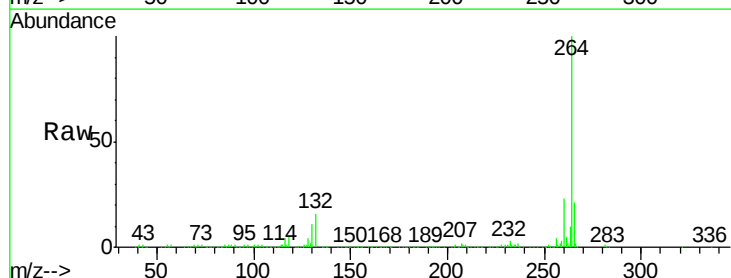


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

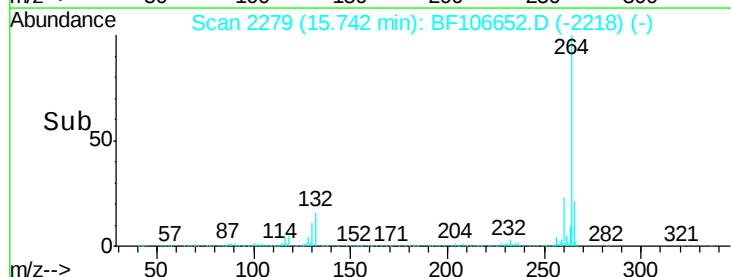
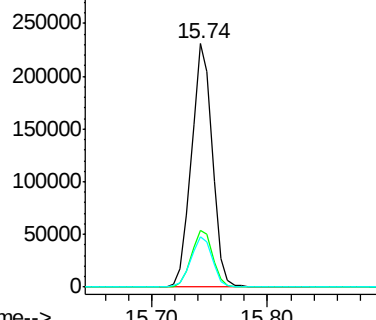


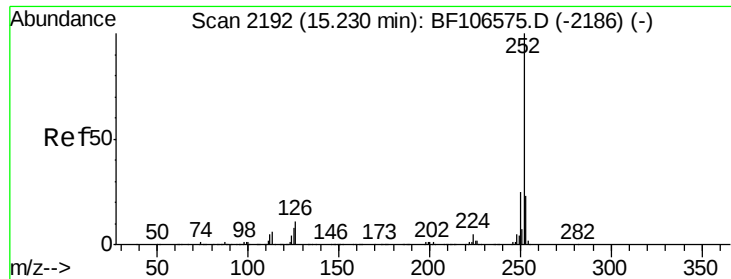
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. 0.06 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.9	17.5	26.3



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

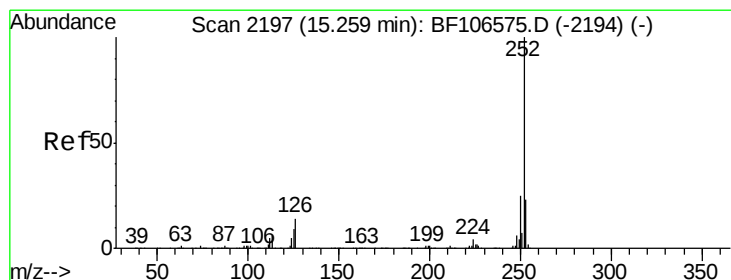
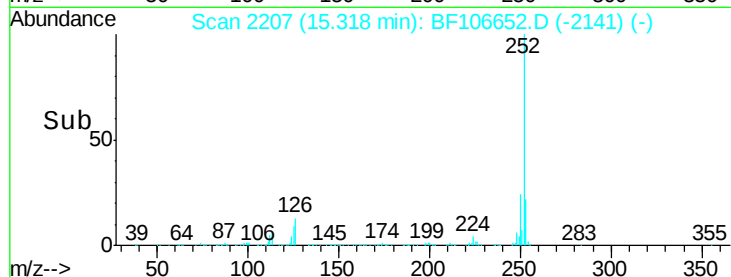
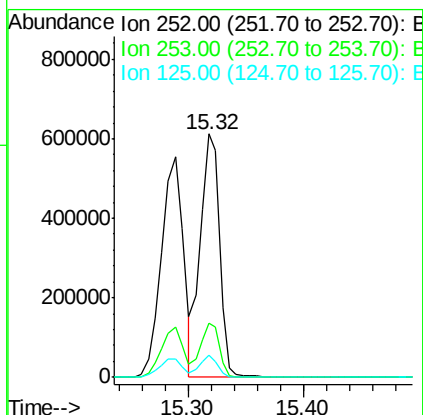
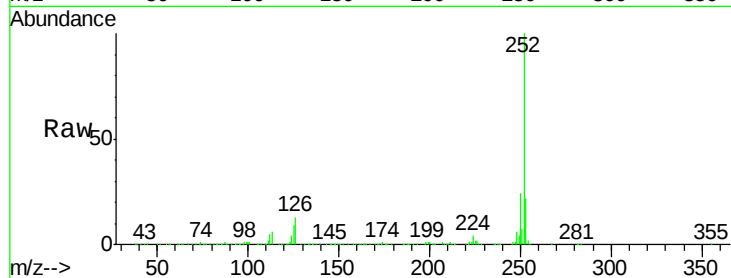




#87
Benzo(b)fluoranthene
Concen: 39.867 ng
RT: 15.32 min Scan# 2207
Delta R.T. 0.09 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

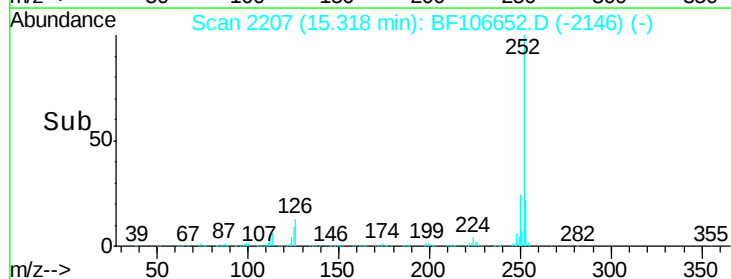
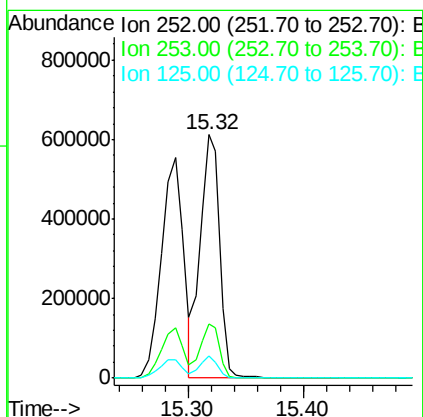
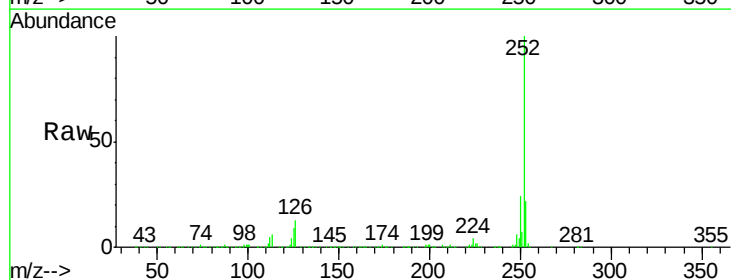
Instrument :
BNA_F
ClientSampleId :
PB110418BS

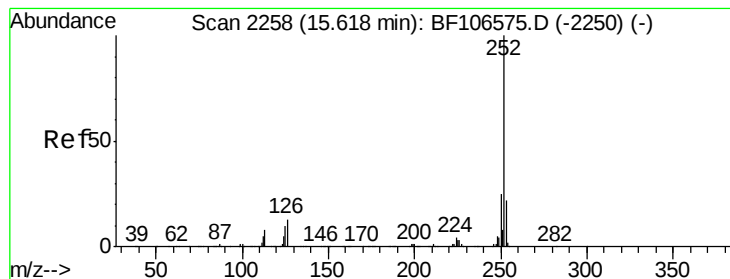
Tgt Ion:252 Resp: 717670
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 9.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.864 ng
RT: 15.32 min Scan# 2207
Delta R.T. 0.06 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion:252 Resp: 717670
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 9.2 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 44.038 ng

RT: 15.68 min Scan# 2269

Delta R.T. 0.06 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

ClientSampleId :

PB110418BS

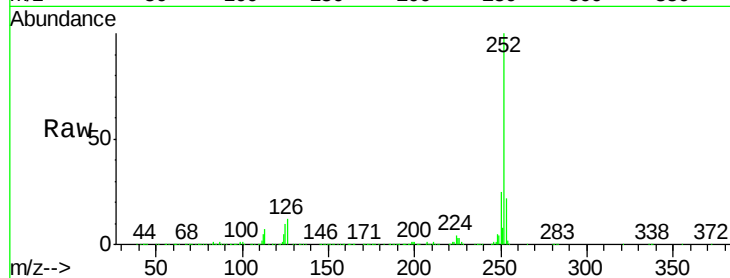
Tgt Ion:252 Resp: 704745

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

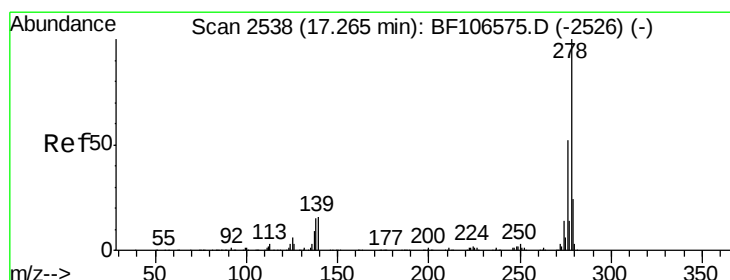
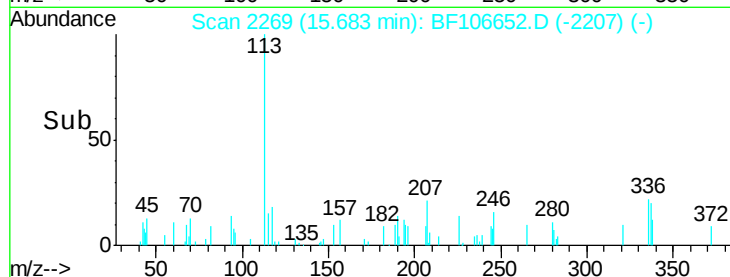
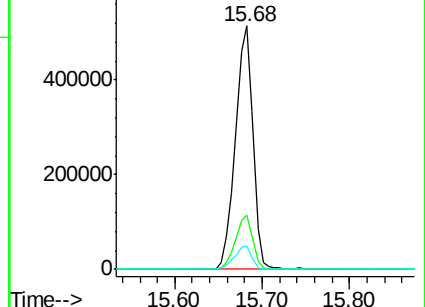
125 9.5 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.338 ng

RT: 17.35 min Scan# 2552

Delta R.T. 0.08 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

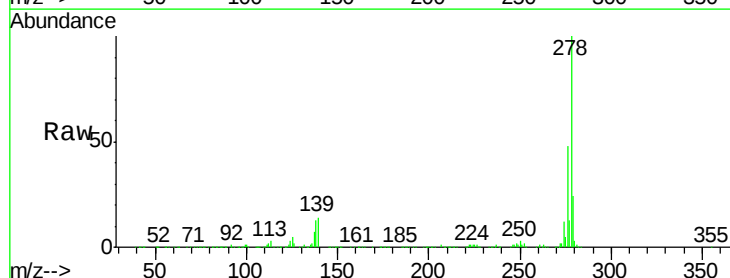
Tgt Ion:278 Resp: 628450

Ion Ratio Lower Upper

278 100

139 14.0 15.9 23.9#

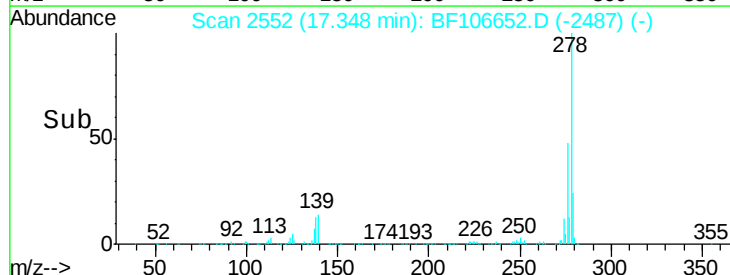
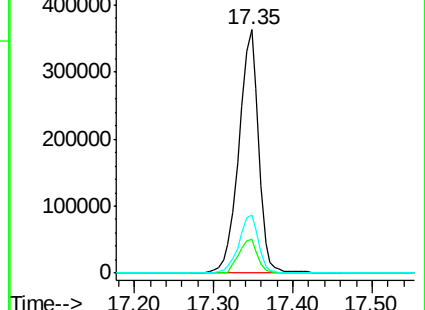
279 23.9 19.0 28.4

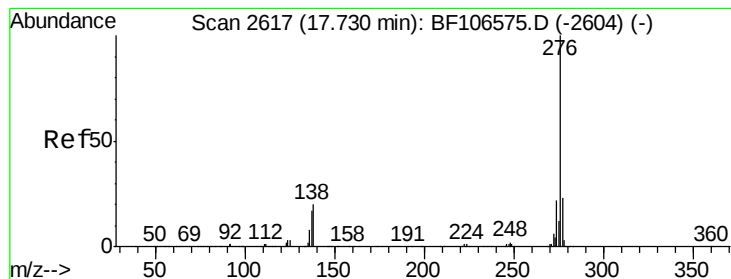


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 48.453 ng

RT: 17.81 min Scan# 2631

Delta R.T. 0.08 min

Lab File: BF106652.D

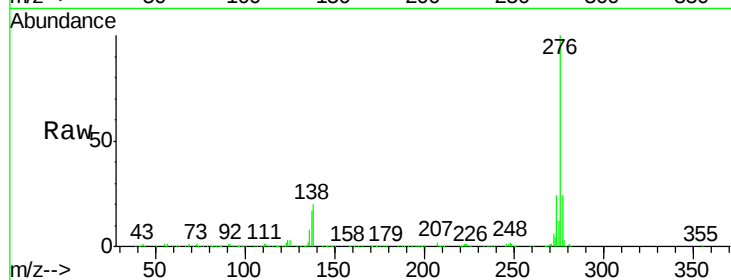
Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

ClientSampleId :

PB110418BS



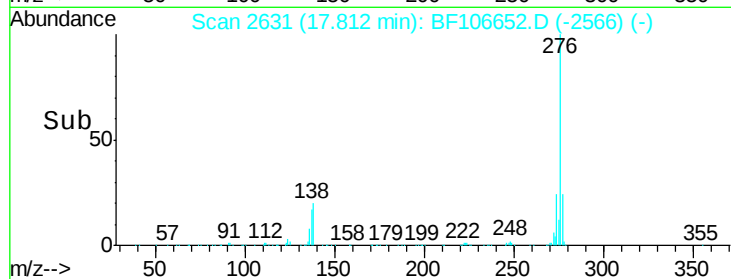
Tgt Ion: 276 Resp: 642295

Ion Ratio Lower Upper

276 100

277 24.4 17.9 26.9

138 20.3 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

