

Data Path : U:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102806.D
 Acq On : 7 Feb 2018 10:59
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 01:28:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	254064	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1058591	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	489164	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	841535	20.00	ng	0.00
75) Chrysene-d12	14.06	240	591046	20.00	ng	0.00
86) Perylene-d12	15.53	264	520684	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1225403	73.25	ng	0.00
7) Phenol-d6	6.52	99	1492419	74.09	ng	0.01
23) Nitrobenzene-d5	7.45	82	1348215	88.35	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	338265	85.92	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2112481	71.66	ng	0.00
78) Terphenyl-d14	13.00	244	1782330	71.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	312048	37.764	ng	87
3) Pyridine	3.43	79	887715	38.885	ng	87
4) n-Nitrosodimethylamine	3.39	42	370090	37.889	ng	98
6) Aniline	6.55	93	1117198	37.556	ng	95
8) 2-Chlorophenol	6.67	128	651762	37.842	ng	93
9) Benzaldehyde	6.44	77	516501	34.528	ng	96
10) Phenol	6.53	94	813344	37.677	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	670761	37.341	ng	92
12) 1,3-Dichlorobenzene	6.83	146	740310	37.118	ng	99
13) 1,4-Dichlorobenzene	6.90	146	739275	37.210	ng	99
14) 1,2-Dichlorobenzene	7.06	146	664983	35.935	ng	98
15) Benzyl Alcohol	7.03	79	594725	38.402	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1223334	35.851	ng	98
17) 2-Methylphenol	7.13	107	601358	37.853	ng	100
18) Hexachloroethane	7.40	117	271847	39.902	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	479574	36.110	ng	96
20) 3+4-Methylphenols	7.29	107	705954	36.034	ng	92
22) Acetophenone	7.30	105	908172	35.058	ng	96
24) Nitrobenzene	7.47	77	740468	41.246	ng	96
25) Isophorone	7.71	82	1322110	37.626	ng	99
26) 2-Nitrophenol	7.78	139	380978	51.001	ng	95
27) 2,4-Dimethylphenol	7.82	122	578793	38.988	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	777020	37.329	ng	99
29) 2,4-Dichlorophenol	8.02	162	537981	39.864	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	574405	37.624	ng	98
31) Naphthalene	8.19	128	1885644	36.458	ng	99
32) Benzoic acid	7.95	122	478622	46.307	ng	97
33) 4-Chloroaniline	8.24	127	853992	38.329	ng	99
34) Hexachlorobutadiene	8.30	225	295724	37.801	ng	98
35) Caprolactam	8.63	113	192934	41.166	ng	# 79
36) 4-Chloro-3-methylphenol	8.72	107	592579	39.081	ng	98
37) 2-Methylnaphthalene	8.88	142	1244423	36.750	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	503004	37.766	ng	99
40) Hexachlorocyclopentadiene	9.03	237	268122	42.347	ng	98

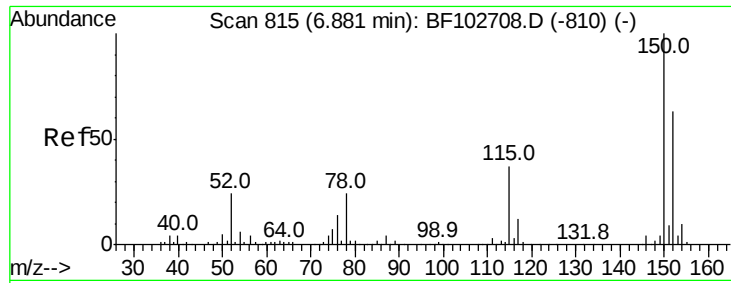
Data Path : U:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102806.D
 Acq On : 7 Feb 2018 10:59
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Feb 08 01:28:11 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	364889	41.710	ng	100
43) 2,4,5-Trichlorophenol	9.20	196	409095	41.490	ng	96
45) 1,1'-Biphenyl	9.34	154	1482997	35.994	ng	99
46) 2-Chloronaphthalene	9.37	162	1197630	36.923	ng	98
47) 2-Nitroaniline	9.47	65	449147	45.100	ng	95
48) Acenaphthylene	9.79	152	1827433	36.274	ng	99
49) Dimethylphthalate	9.65	163	1436821	37.671	ng	100
50) 2,6-Dinitrotoluene	9.71	165	321999	44.374	ng	96
51) Acenaphthene	9.96	154	1121781	37.234	ng	99
52) 3-Nitroaniline	9.88	138	404580	45.313	ng	97
53) 2,4-Dinitrophenol	9.98	184	133306	63.916	ng	# 18
54) Dibenzofuran	10.13	168	1522625	35.861	ng	97
55) 4-Nitrophenol	10.03	139	295745	42.303	ng	95
56) 2,4-Dinitrotoluene	10.11	165	426225	44.066	ng	97
57) Fluorene	10.47	166	1152785	37.317	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	285547	41.783	ng	99
59) Diethylphthalate	10.34	149	1387731	36.848	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	519539	38.018	ng	97
61) 4-Nitroaniline	10.50	138	390424	45.939	ng	92
62) Azobenzene	10.63	77	1343738	35.716	ng	95
64) 4,6-Dinitro-2-methylphenol	10.52	198	211185	56.777	ng	95
65) n-Nitrosodiphenylamine	10.59	169	1097570	36.976	ng	100
66) 4-Bromophenyl-phenylether	10.96	248	338360	38.010	ng	91
67) Hexachlorobenzene	11.02	284	369135	37.588	ng	95
68) Atrazine	11.11	200	342485	39.110	ng	98
69) Pentachlorophenol	11.22	266	273032	47.362	ng	99
70) Phenanthrene	11.44	178	1648274	35.168	ng	99
71) Anthracene	11.49	178	1706822	35.806	ng	100
72) Carbazole	11.64	167	1702574	36.457	ng	99
73) Di-n-butylphthalate	11.97	149	2110228	37.198	ng	100
74) Fluoranthene	12.63	202	1677176	35.568	ng	99
76) Benzidine	12.74	184	910668	33.524	ng	98
77) Pyrene	12.86	202	1743002	37.607	ng	100
79) Butylbenzylphthalate	13.47	149	901425	40.817	ng	97
80) Benzo(a)anthracene	14.04	228	1417015	38.121	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	534805	38.804	ng	98
82) Chrysene	14.08	228	1358255	36.249	ng	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	1186900	41.804	ng	100
84) Di-n-octyl phthalate	14.63	149	1845647	43.294	ng	98
85) Indeno(1,2,3-cd)pyrene	17.03	276	1149530	36.989	ng	99
87) Benzo(b)fluoranthene	15.10	252	1307392	38.729	ng	98
88) Benzo(k)fluoranthene	15.13	252	1244838	38.593	ng	99
89) Benzo(a)pyrene	15.47	252	1167972	38.438	ng	99
90) Dibenzo(a,h)anthracene	17.05	278	949773	38.509	ng	100
91) Benzo(g,h,i)perylene	17.49	276	949433	39.330	ng	96

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

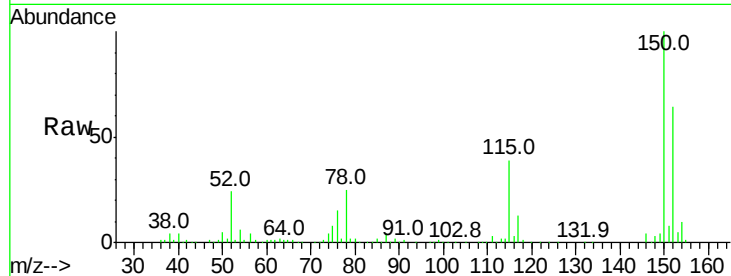


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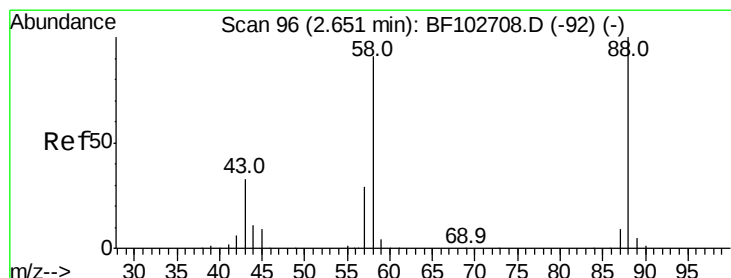
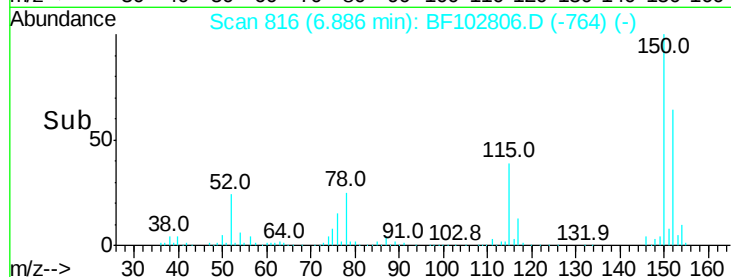
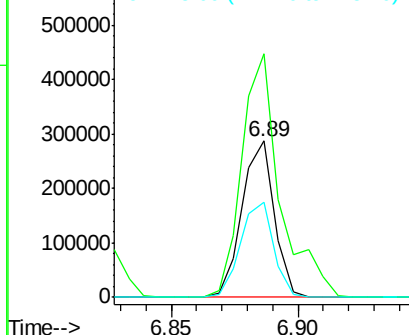
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 254064
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 61.1 50.1 75.1



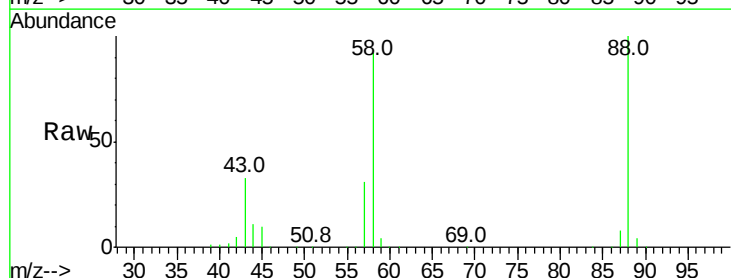
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



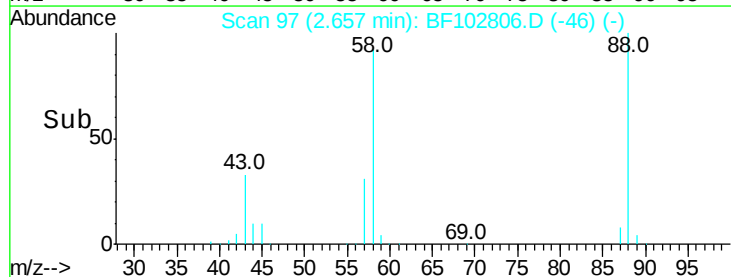
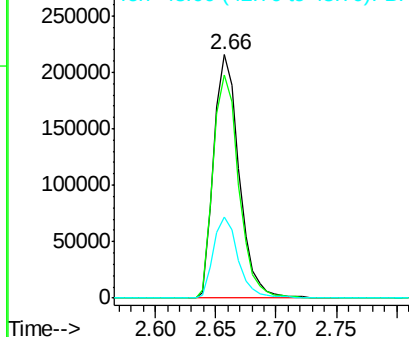
#2

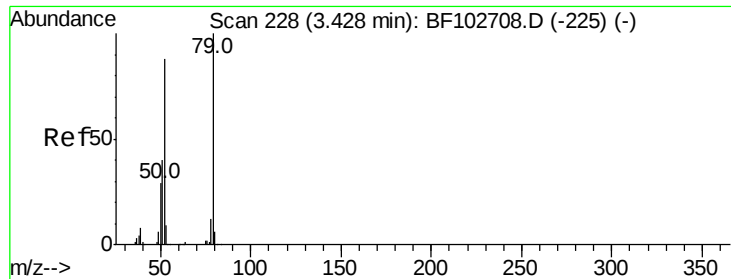
1,4-Dioxane
Concen: 37.764 ng
RT: 2.66 min Scan# 97
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion: 88 Resp: 312048
Ion Ratio Lower Upper
88 100
58 92.8 62.6 93.8
43 31.8 24.6 37.0



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





#3

Pvridine

Concen: 38.885 ng

RT: 3.43 min Scan# 229

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampled :

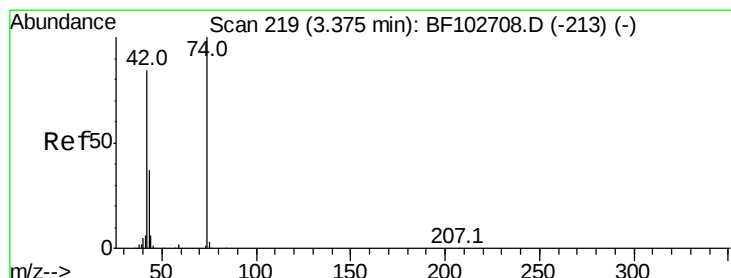
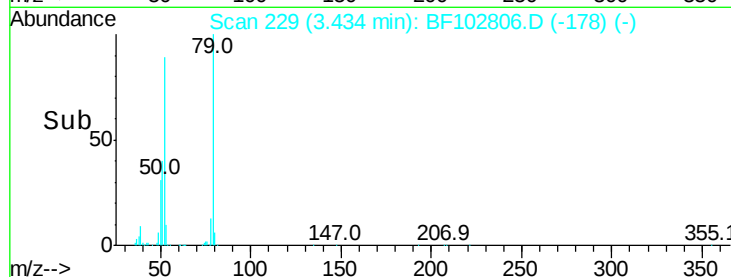
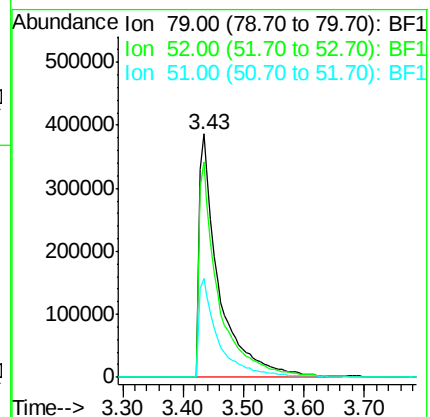
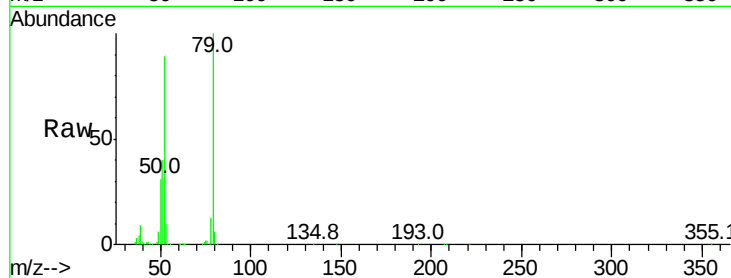
Tot Ion: 79 Resp: 887715

Ion Ratio Lower Upper

79 100

52 88.6 59.8 89.6

51 40.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 37.889 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

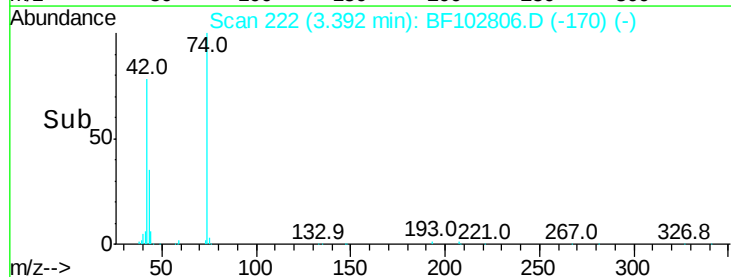
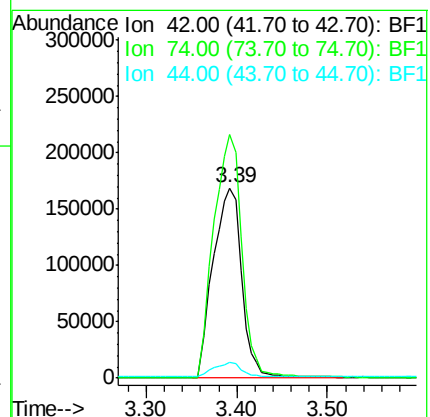
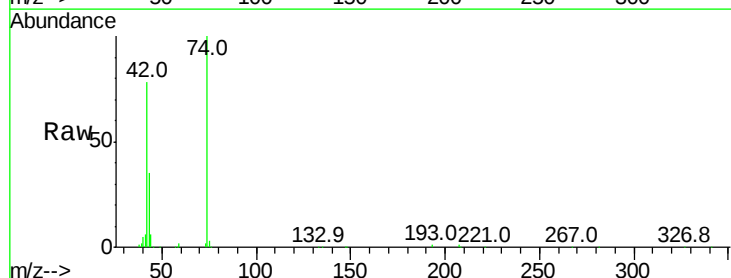
Tgt Ion: 42 Resp: 370090

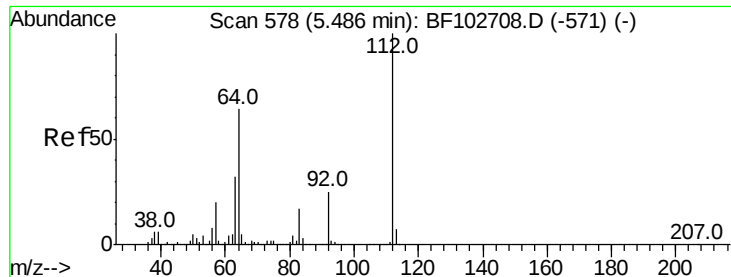
Ion Ratio Lower Upper

42 100

74 128.2 104.9 157.3

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 73.248 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

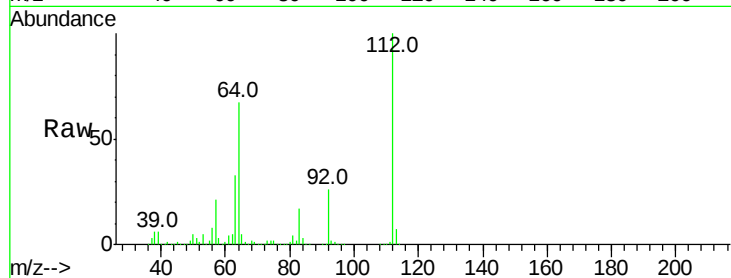
Tot Ion:112 Resp: 1225403

Ion Ratio Lower Upper

112 100

64 66.8 47.9 71.9

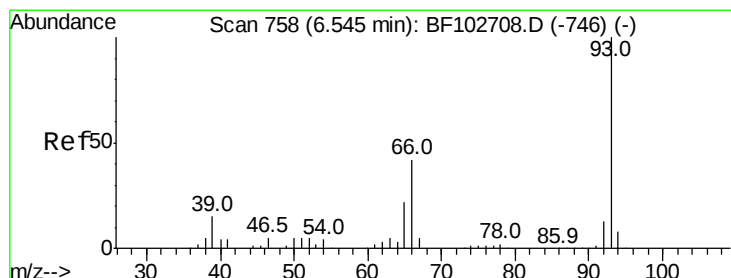
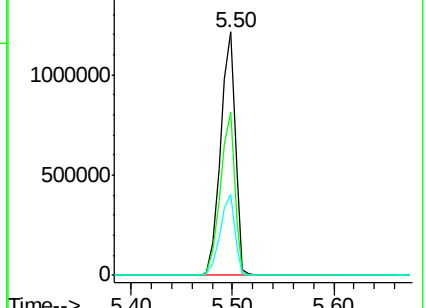
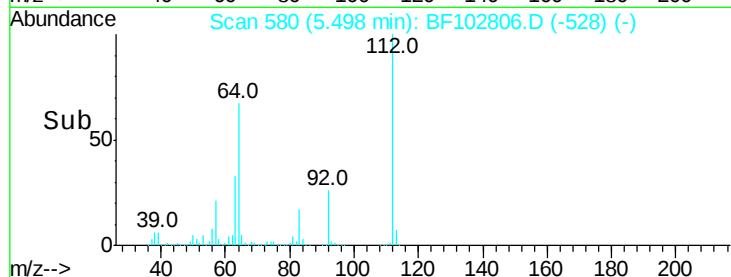
63 33.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.556 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

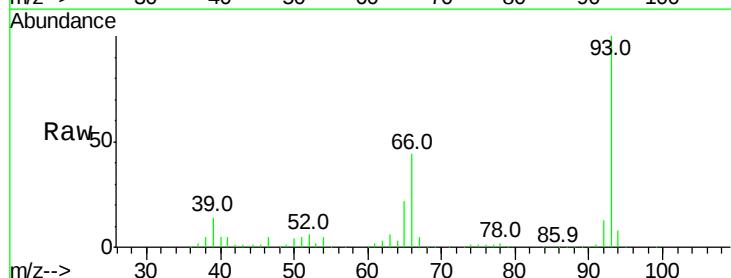
Tgt Ion: 93 Resp: 1117198

Ion Ratio Lower Upper

93 100

66 43.6 32.2 48.2

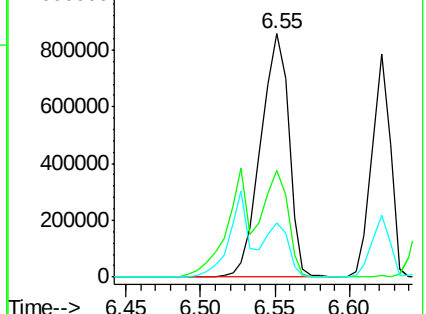
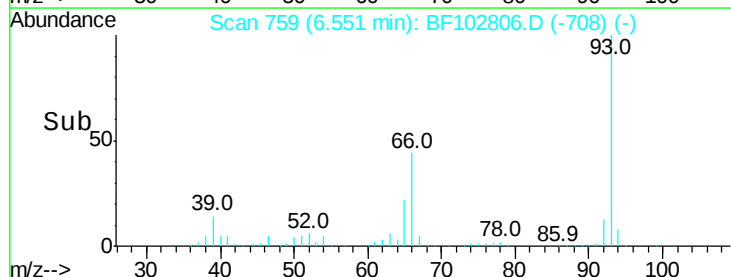
65 22.0 16.4 24.6

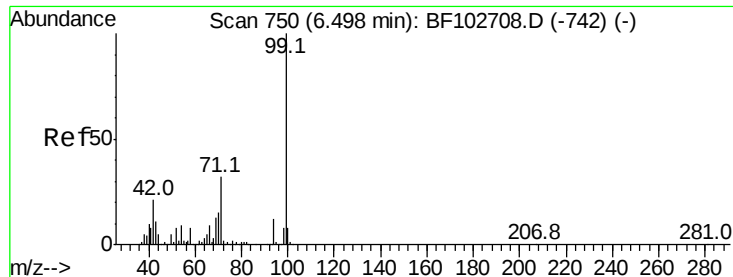


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.090 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

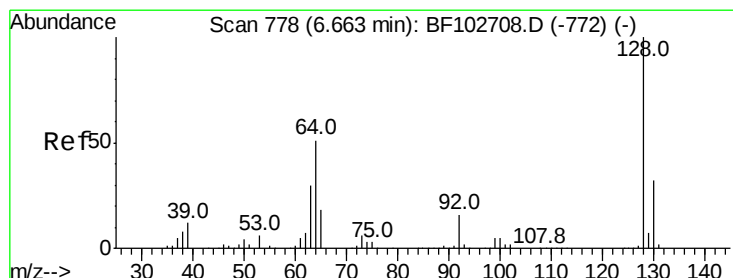
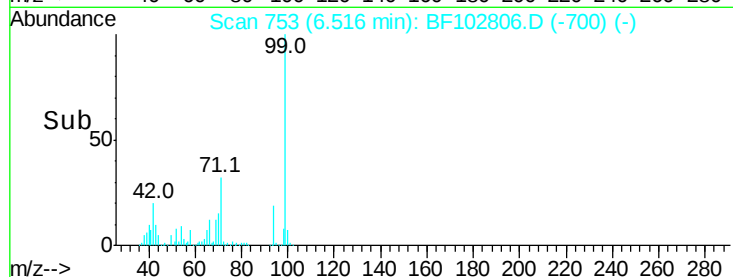
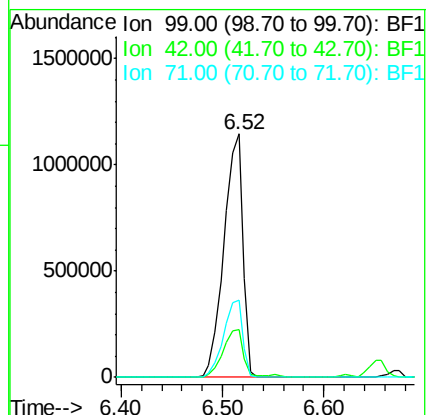
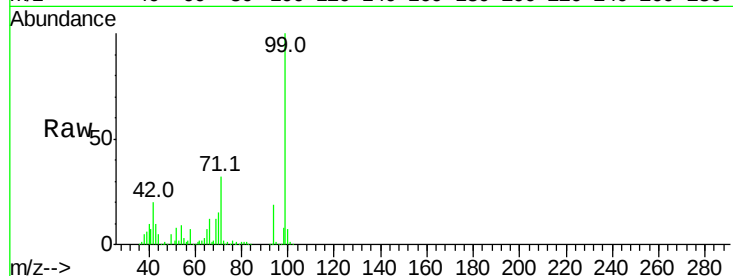
Tot Ion: 99 Resp: 1492419

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 31.9 25.4 38.0



#8

2-Chlorophenol

Concen: 37.842 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

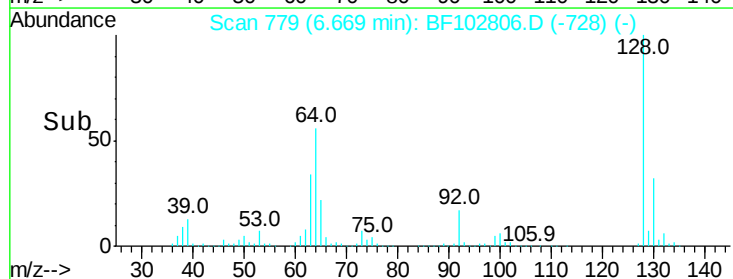
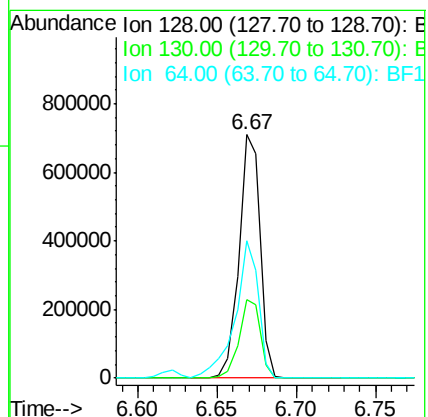
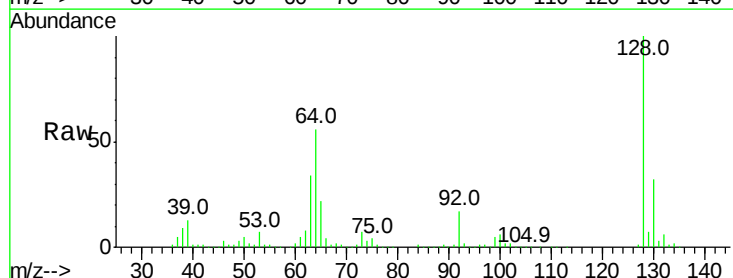
Tgt Ion: 128 Resp: 651762

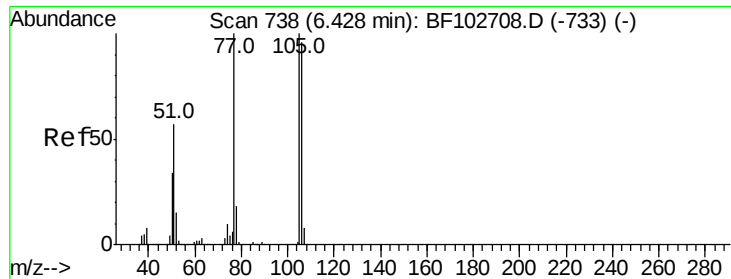
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 56.5 29.4 69.4





#9

Benzaldehyde

Concen: 34.528 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

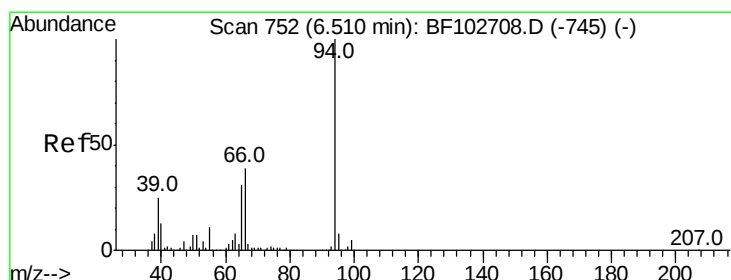
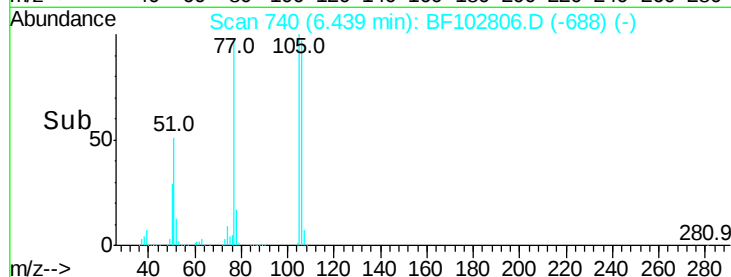
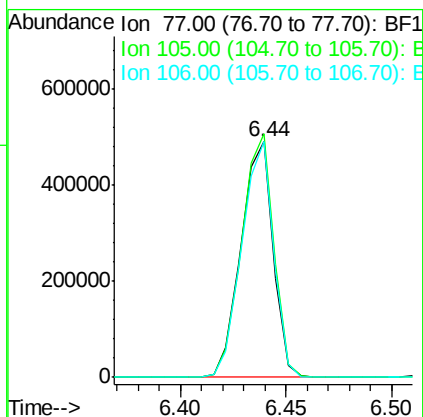
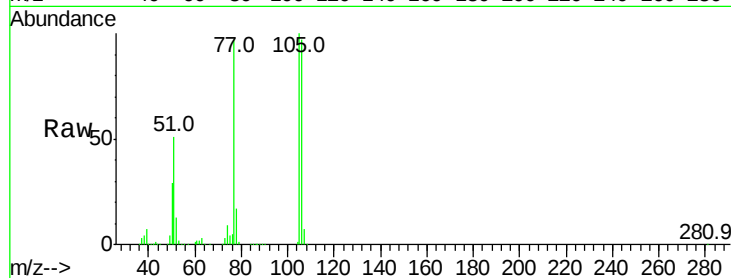
Tot Ion: 77 Resp: 516501

Ion Ratio Lower Upper

77 100

105 103.3 81.1 121.1

106 100.0 74.5 114.5



#10

Phenol

Concen: 37.677 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

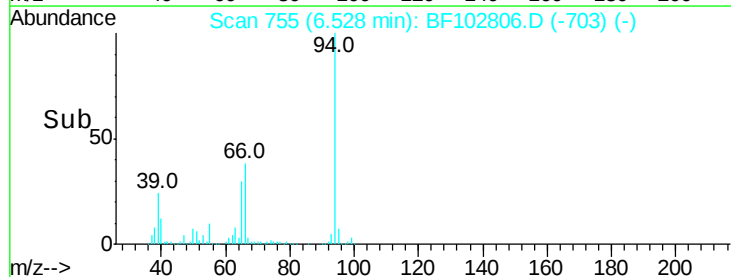
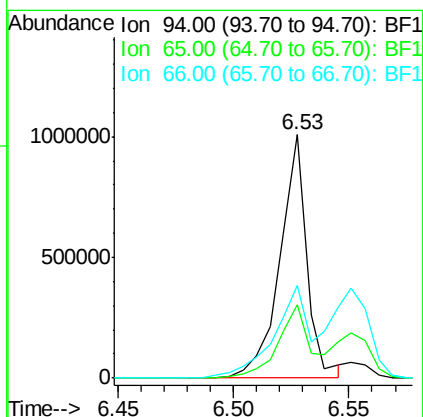
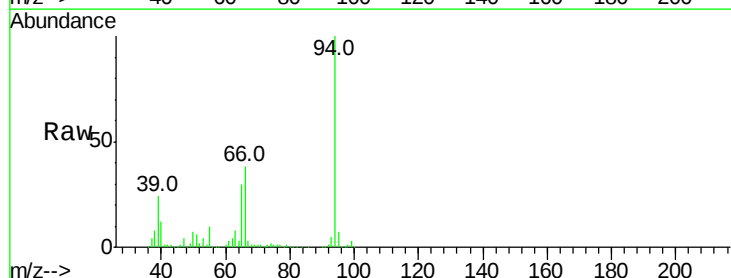
Tgt Ion: 94 Resp: 813344

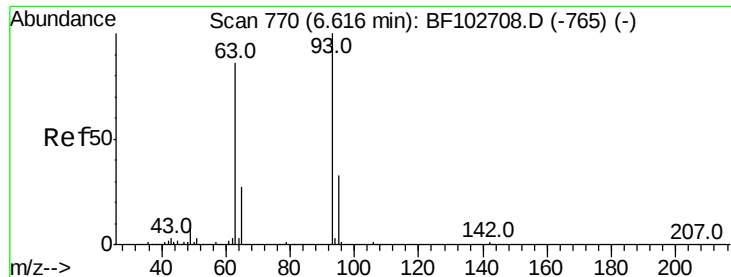
Ion Ratio Lower Upper

94 100

65 30.3 7.9 47.9

66 38.1 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.341 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampled :

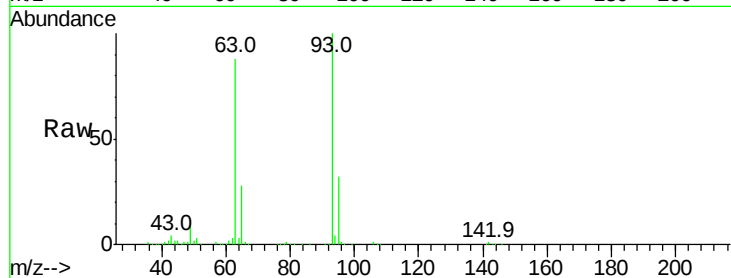
Tot Ion: 93 Resp: 670761

Ion Ratio Lower Upper

93 100

63 88.1 58.6 98.6

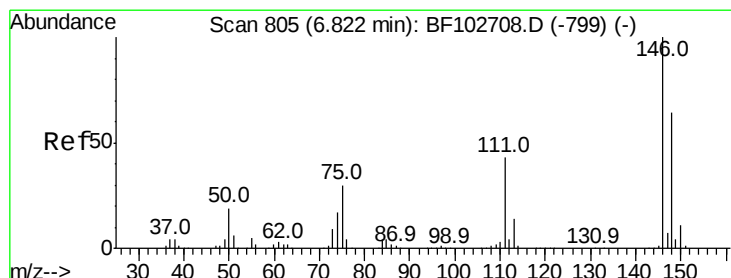
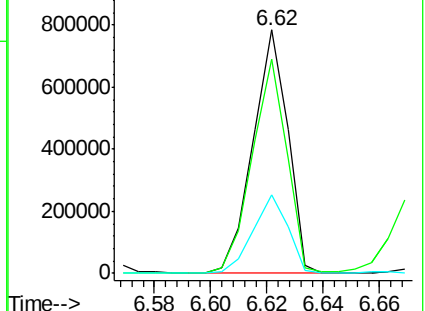
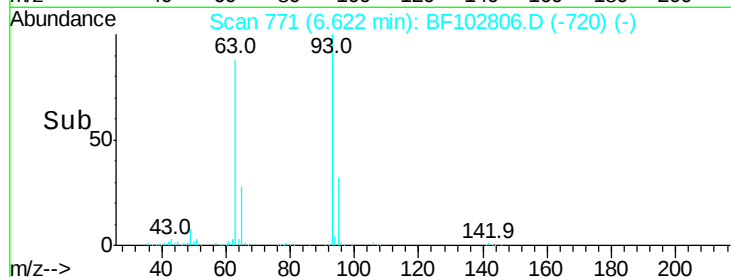
95 32.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.118 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

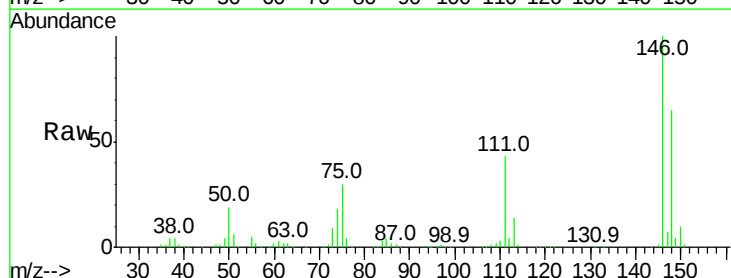
Tgt Ion: 146 Resp: 740310

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.8

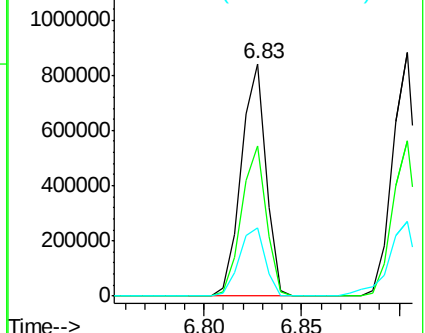
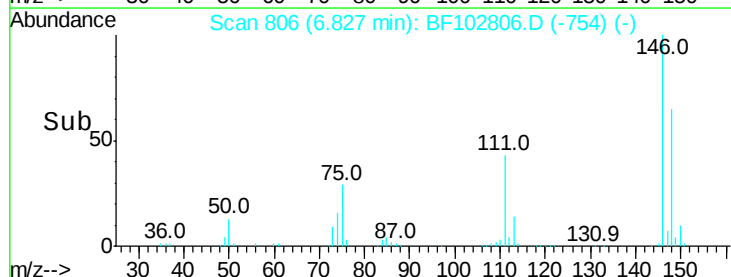
75 29.5 24.2 36.4

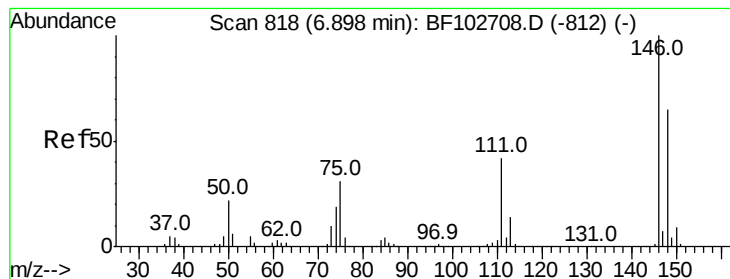


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 37.210 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampled :

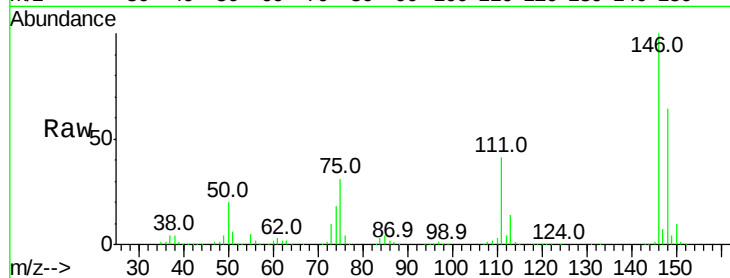
Tot Ion:146 Resp: 739275

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

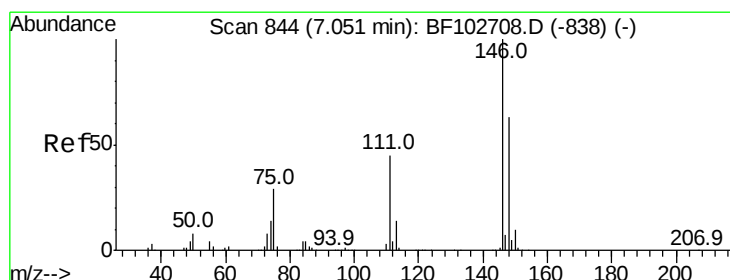
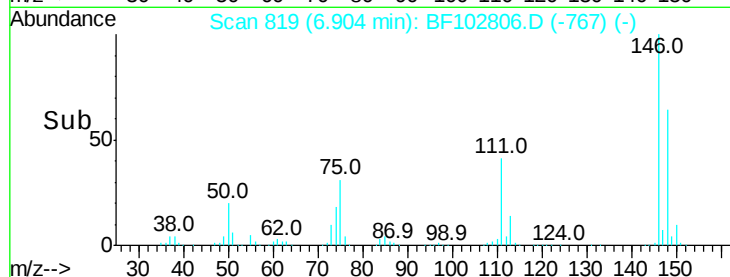
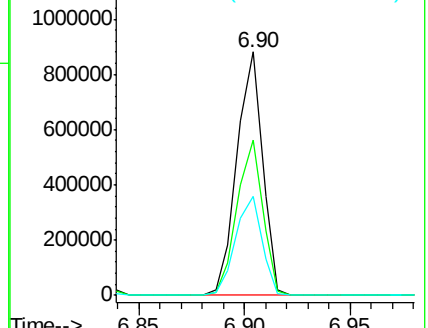
111 40.8 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.935 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

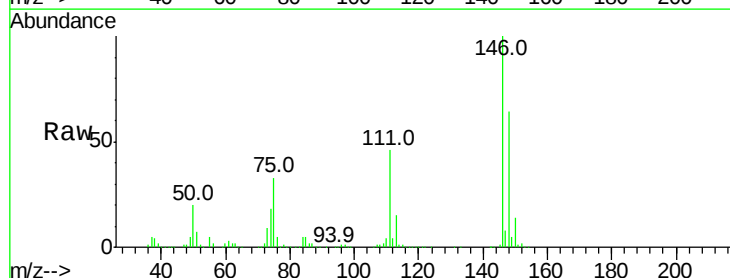
Tgt Ion:146 Resp: 664983

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

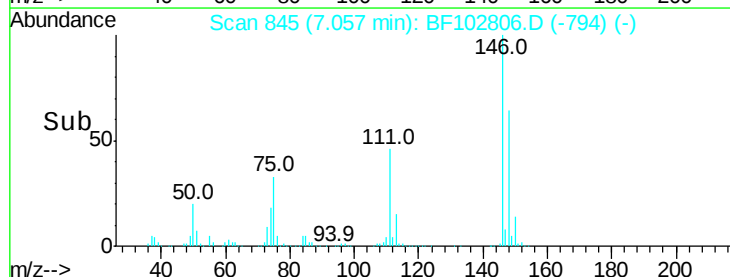
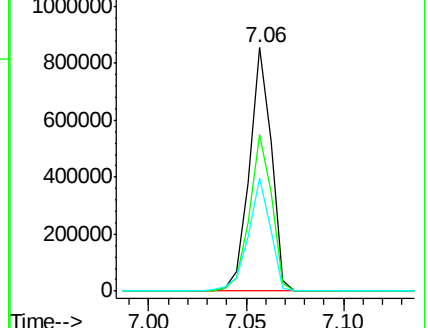
111 46.3 36.0 54.0

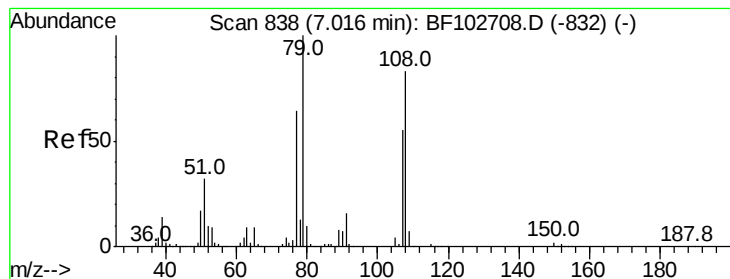


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.402 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

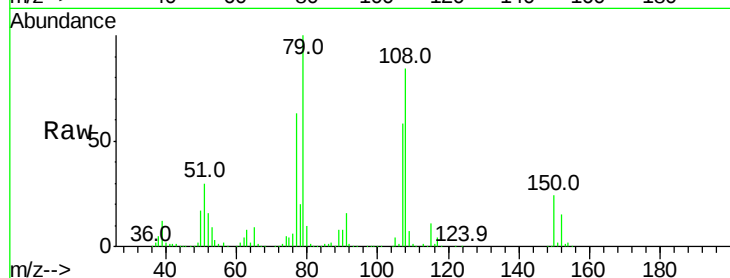
Tot Ion: 79 Resp: 594725

Ion Ratio Lower Upper

79 100

108 83.9 65.1 97.7

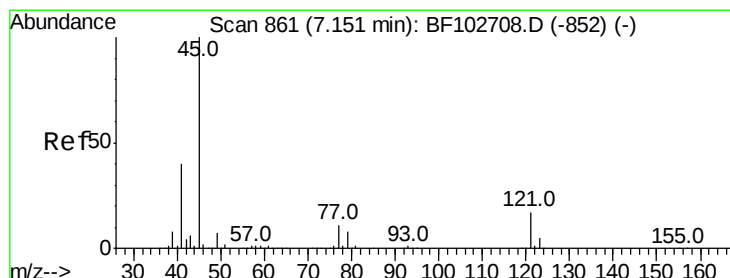
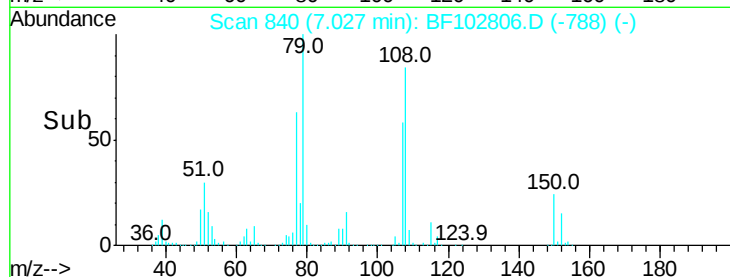
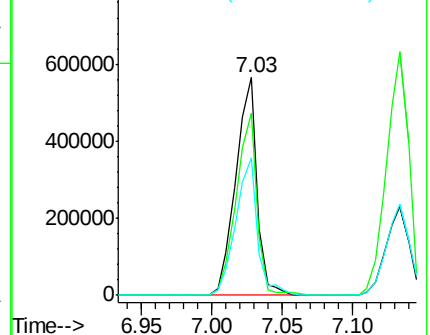
77 63.3 50.6 75.8



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: 35.851 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

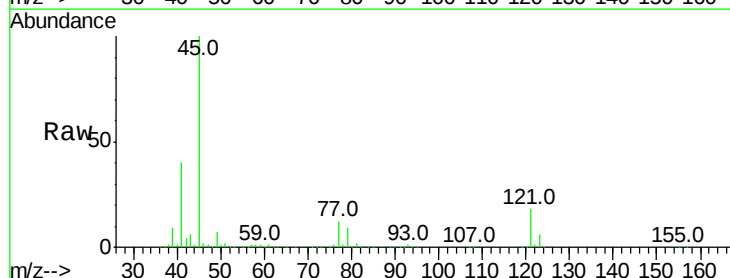
Tgt Ion: 45 Resp: 1223334

Ion Ratio Lower Upper

45 100

77 11.8 0.0 32.9

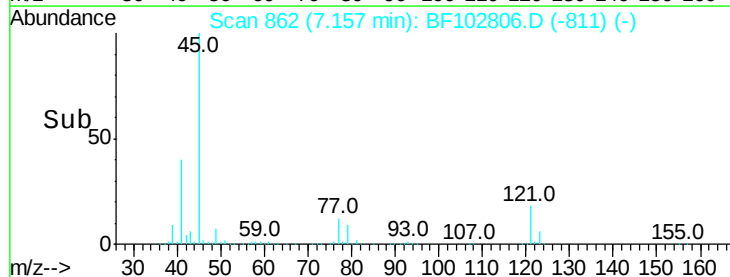
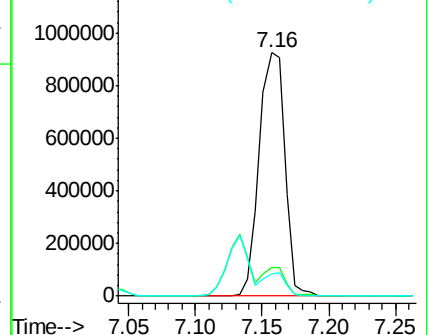
79 9.1 0.0 29.6

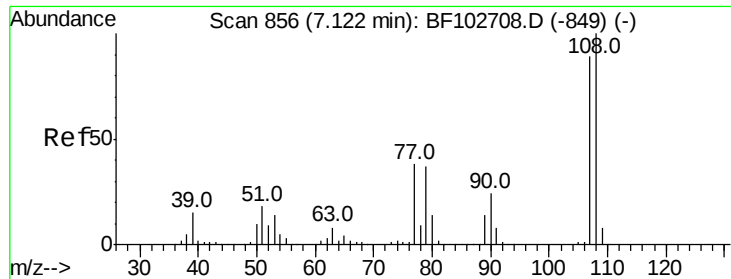


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 37.853 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 601358

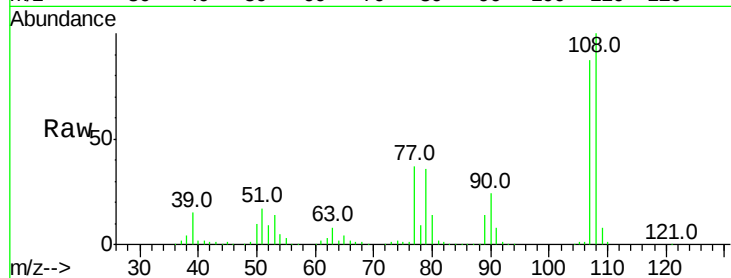
Ion Ratio Lower Upper

107 100

108 114.6 91.7 137.5

77 42.9 33.8 50.8

79 41.8 33.8 50.8

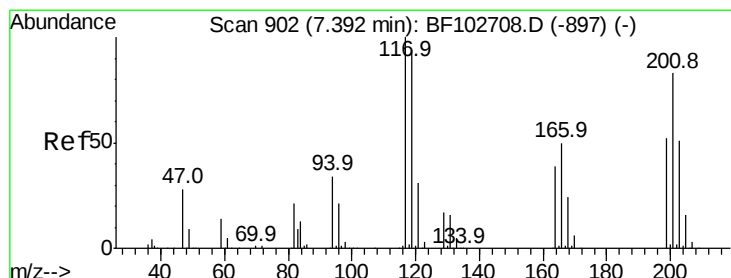
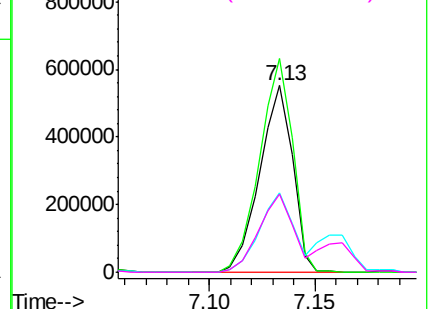
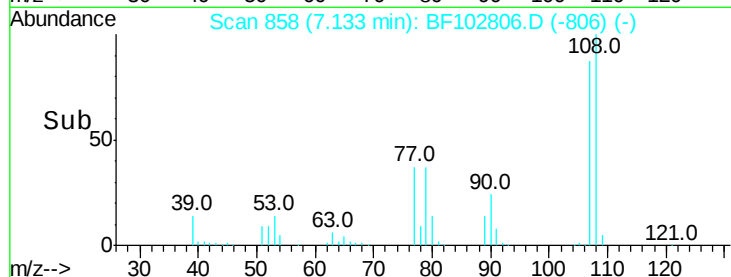


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.902 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

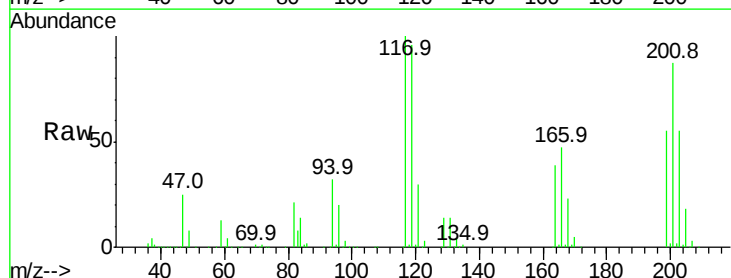
Tgt Ion:117 Resp: 271847

Ion Ratio Lower Upper

117 100

119 96.0 75.8 113.8

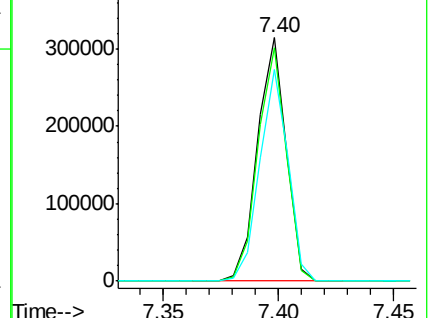
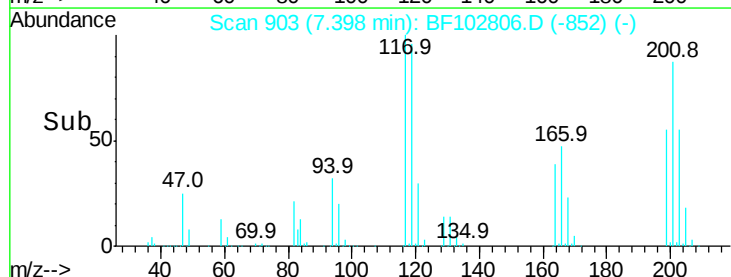
201 86.9 75.7 113.5

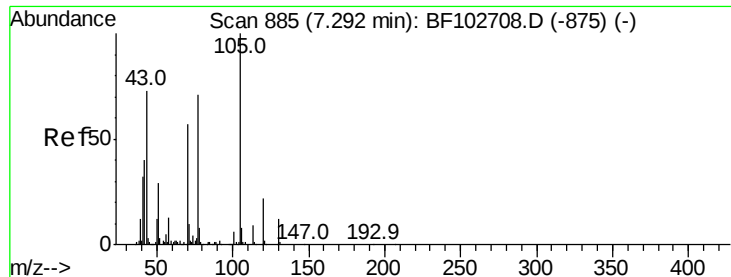


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

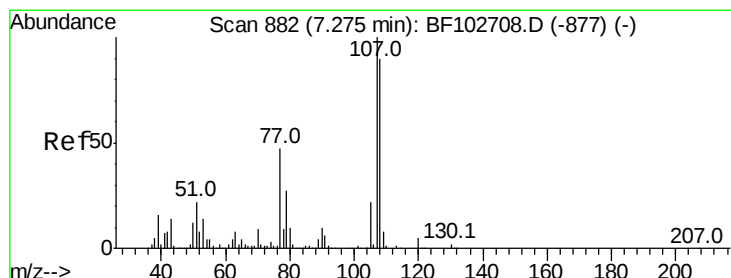
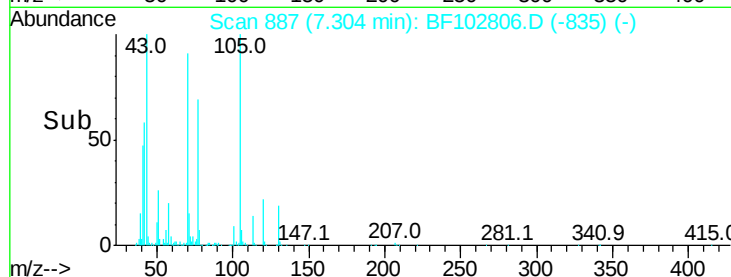
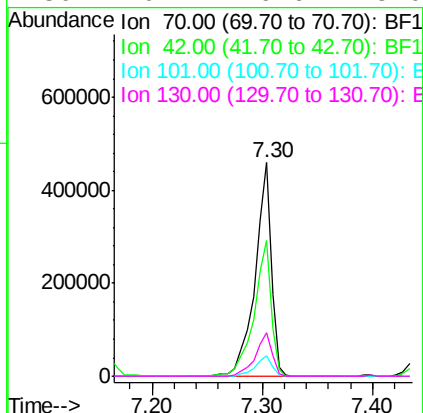
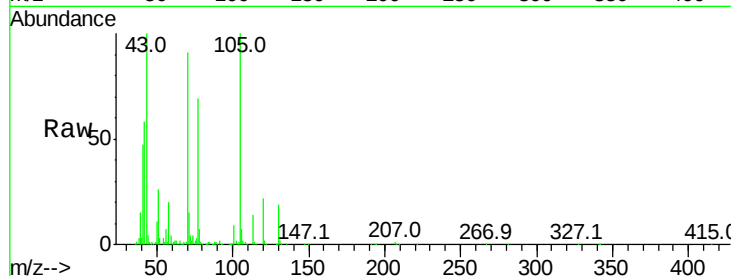




#19
n-Nitroso-di-n-propylamine
Concen: 36.110 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

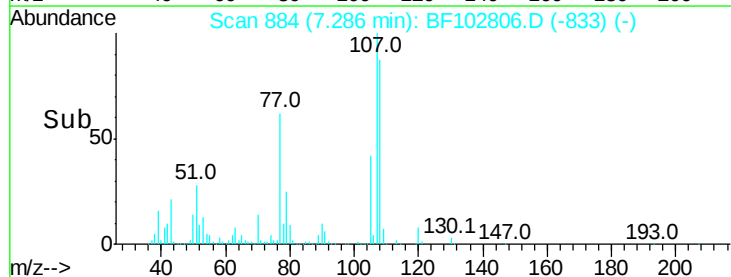
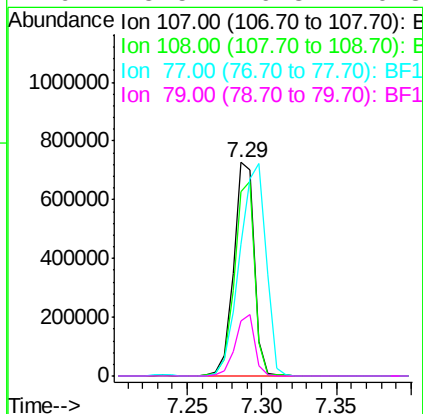
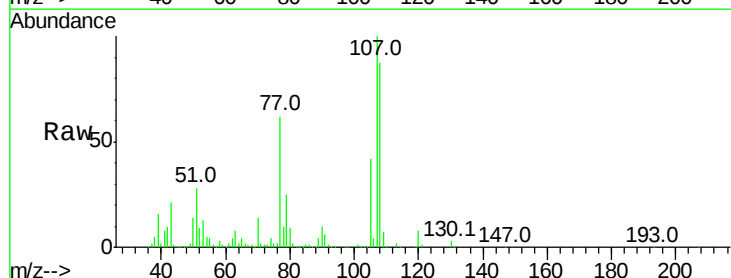
Instrument :
BNA_F
ClientSampleId :

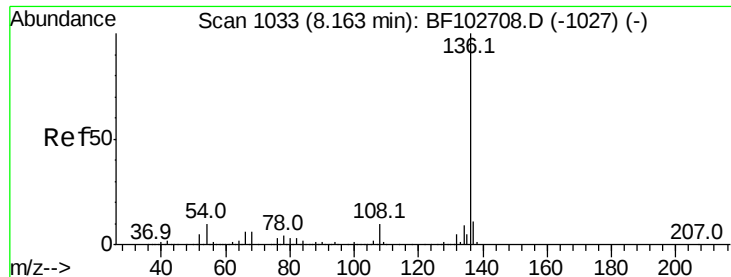
Tot Ion: 70 Resp: 479574
Ion Ratio Lower Upper
70 100
42 63.7 47.5 71.3
101 9.8 7.4 11.2
130 20.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.034 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion: 107 Resp: 705954
Ion Ratio Lower Upper
107 100
108 86.6 68.2 108.2
77 61.6 26.7 66.7
79 25.5 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1058591

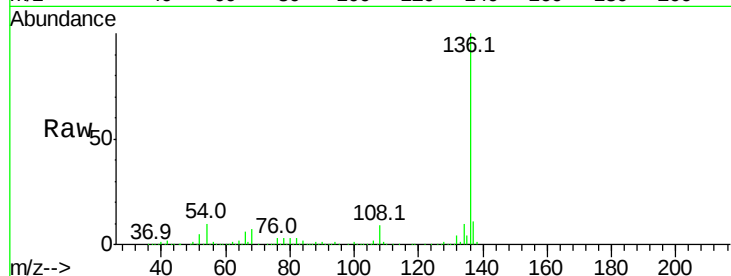
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.3 6.6 9.8#

68 6.7 5.0 7.4

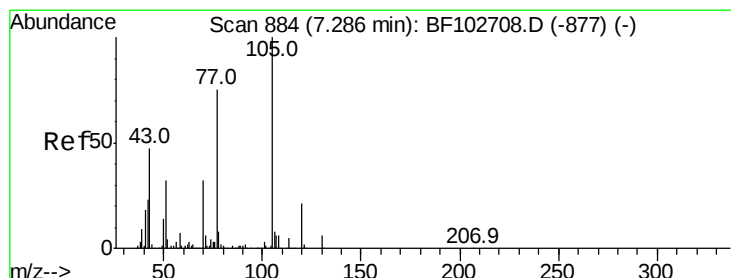
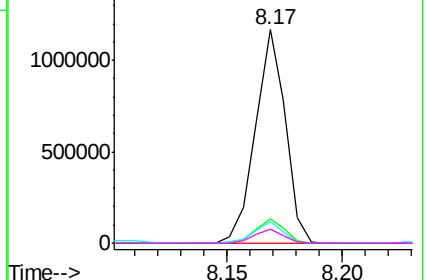
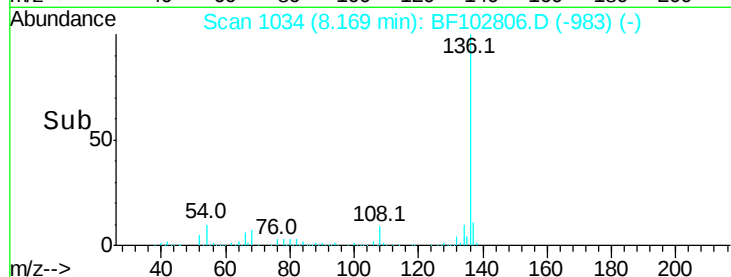


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.058 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Tgt Ion:105 Resp: 908172

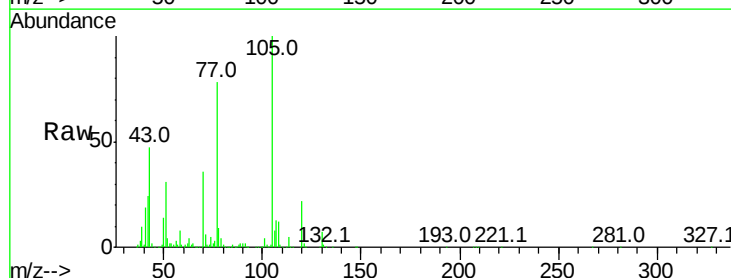
Ion Ratio Lower Upper

105 100

71 6.3 4.4 6.6

51 31.4 22.3 33.5

120 21.8 16.9 25.3

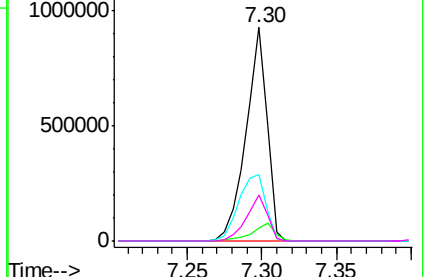
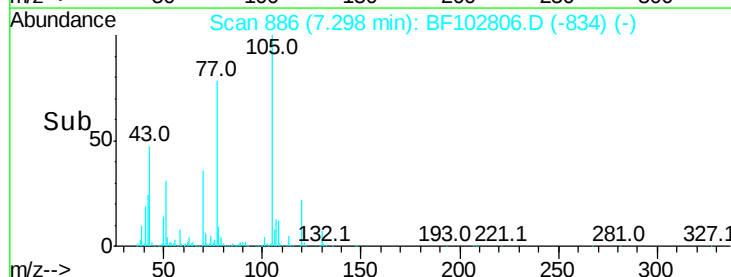


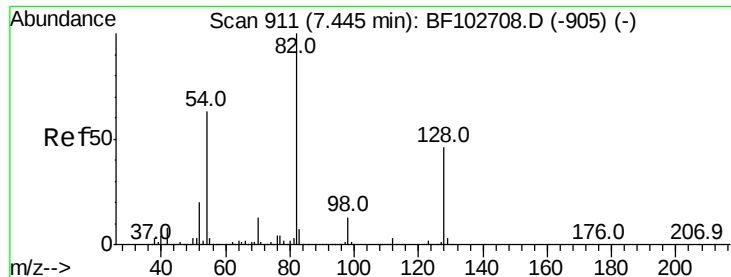
Abundance Ion 105.00 (104.70 to 105.70): E

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: 88.350 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampled :

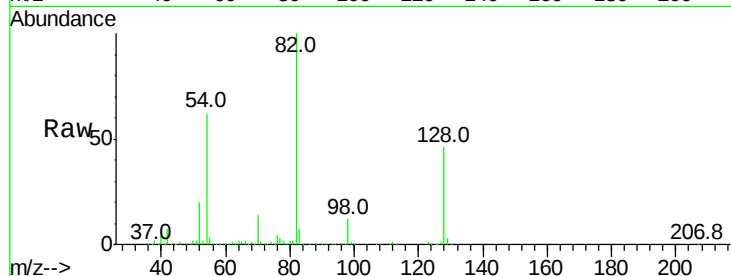
Tot Ion: 82 Resp: 1348215

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

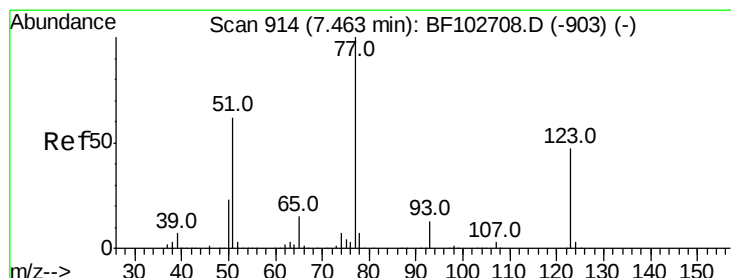
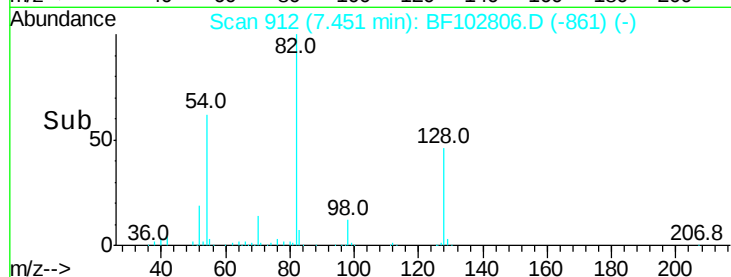
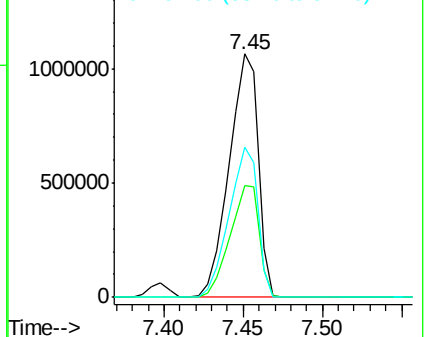
54 61.6 41.4 62.2



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: 41.246 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

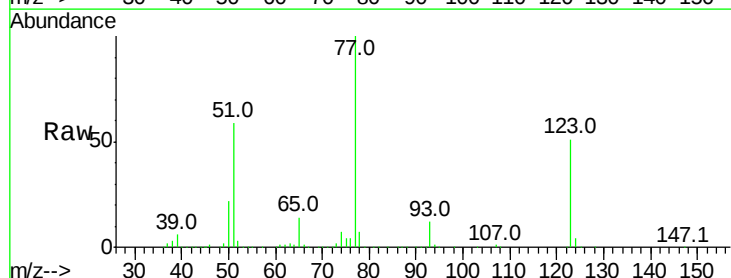
Tgt Ion: 77 Resp: 740468

Ion Ratio Lower Upper

77 100

123 50.7 37.9 56.9

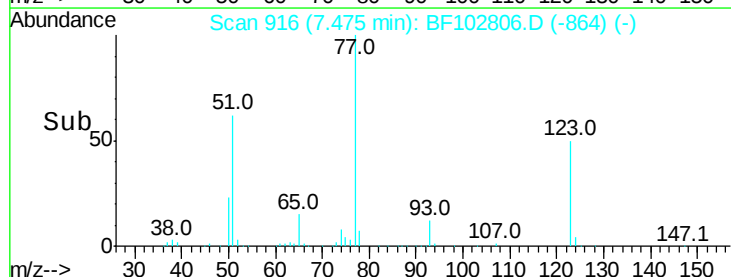
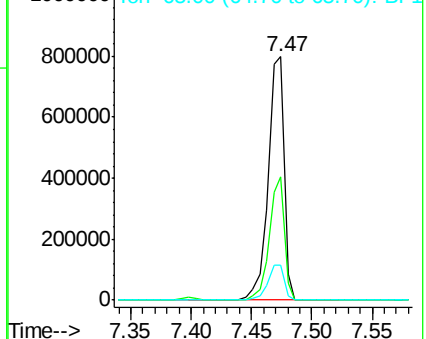
65 14.4 11.0 16.4

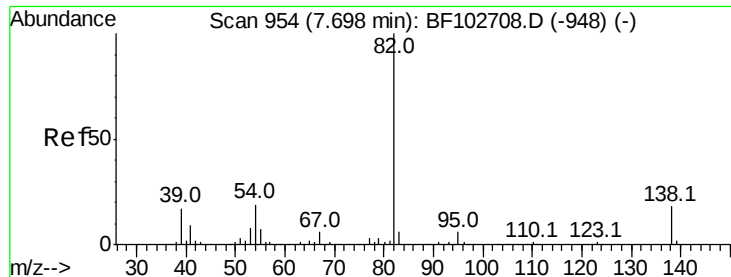


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.626 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

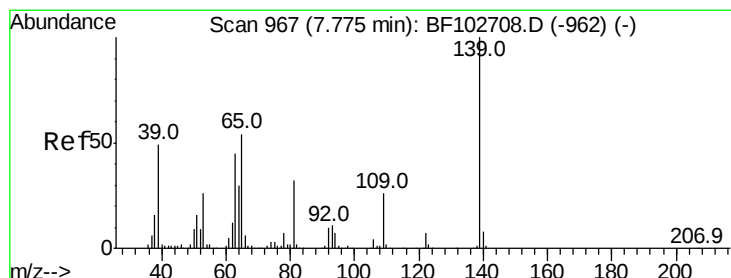
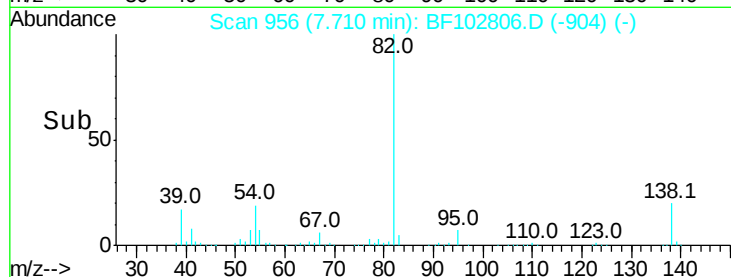
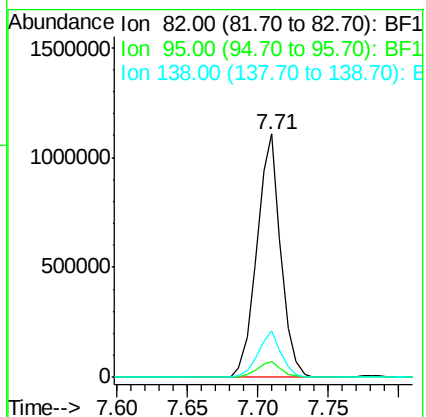
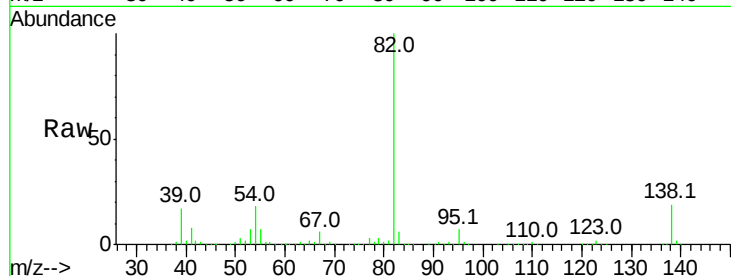
Tot Ion: 82 Resp: 1322110

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 19.0 14.9 22.3



#26

2-Nitrophenol

Concen: 51.001 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

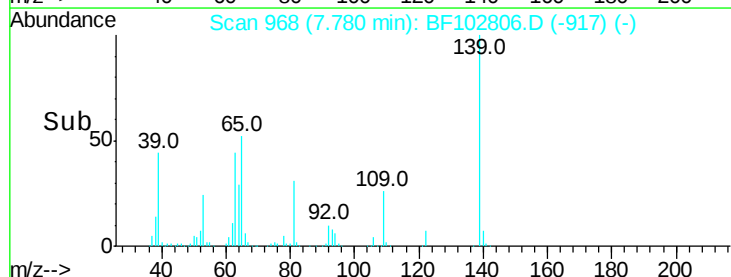
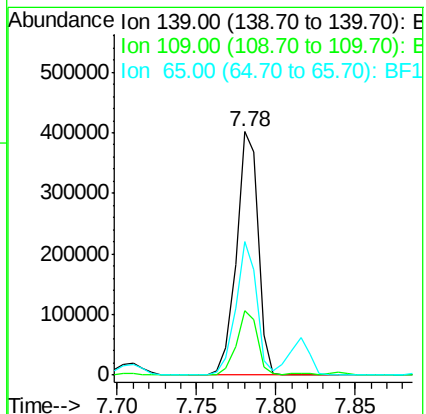
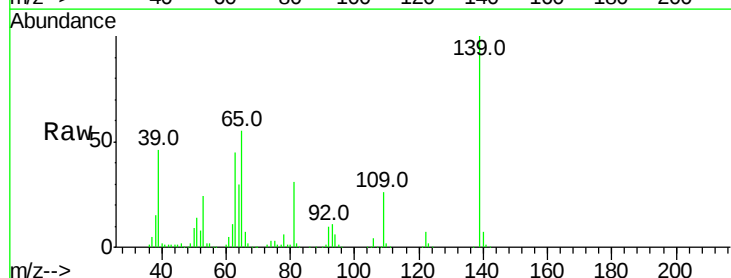
Tgt Ion: 139 Resp: 380978

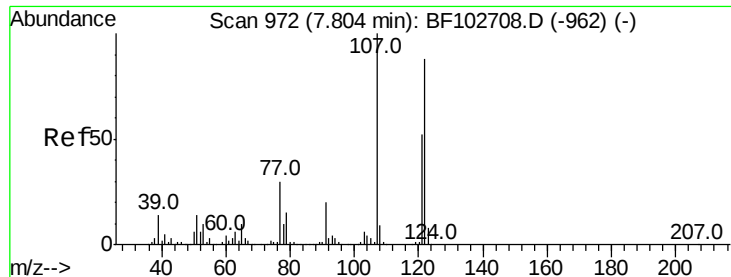
Ion Ratio Lower Upper

139 100

109 26.3 22.7 34.1

65 54.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.988 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

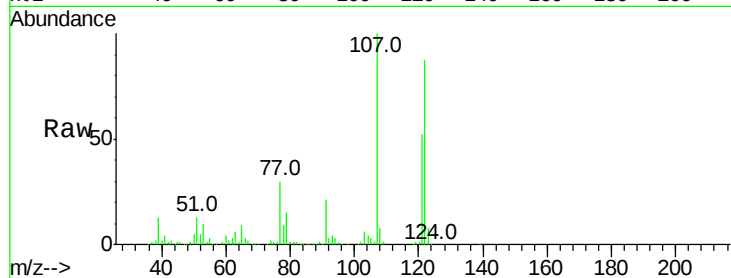
Tot Ion:122 Resp: 578793

Ion Ratio Lower Upper

122 100

107 115.0 91.2 136.8

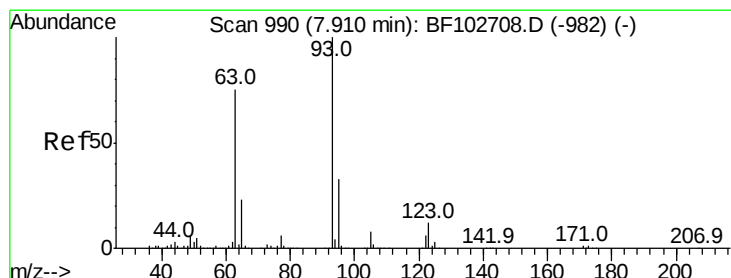
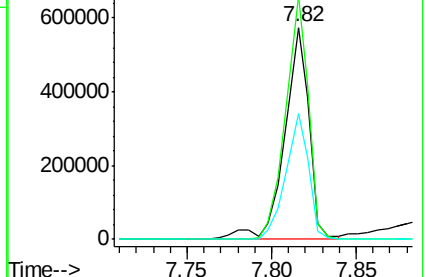
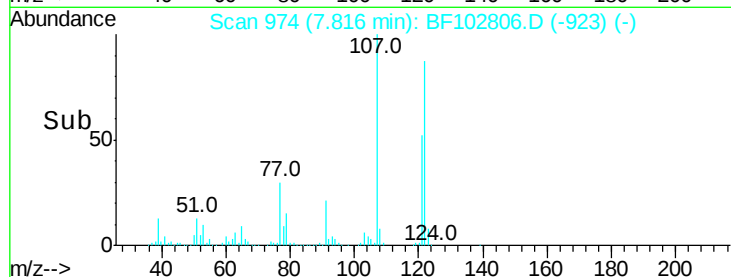
121 59.4 47.2 70.8



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: 37.329 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

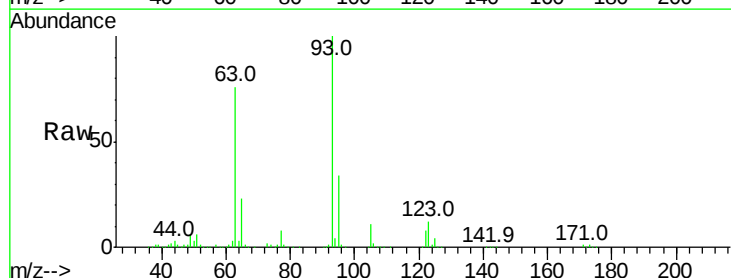
Tgt Ion: 93 Resp: 777020

Ion Ratio Lower Upper

93 100

95 33.6 26.3 39.5

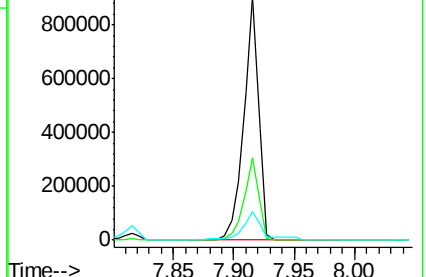
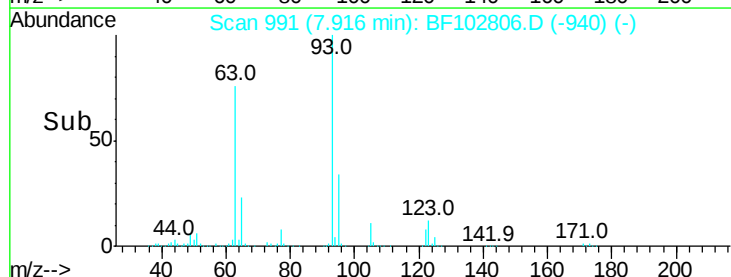
123 12.0 9.8 14.6

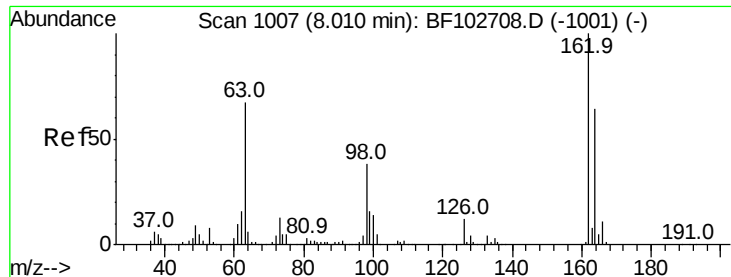


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

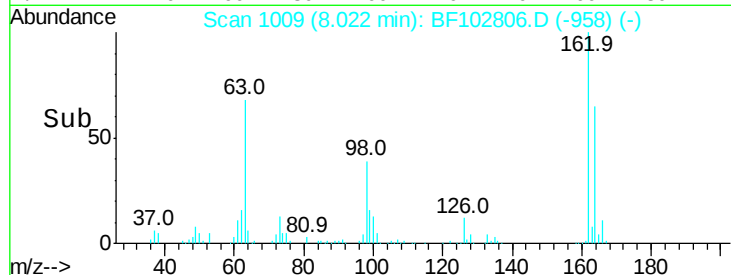
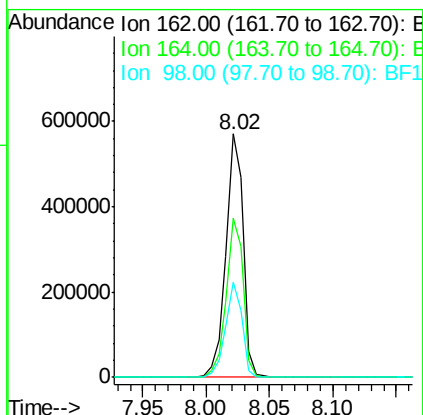
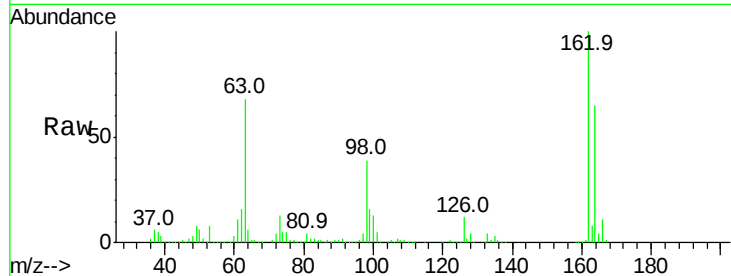




#29
 2,4-Dichlorophenol
 Concen: 39.864 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

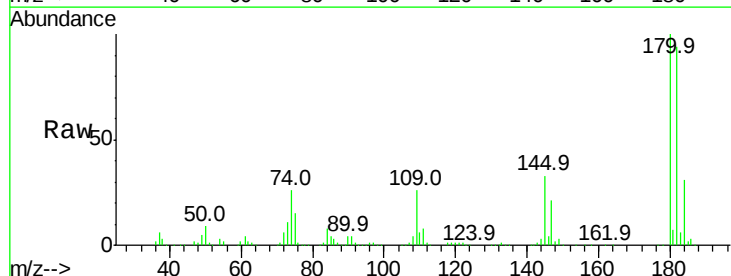
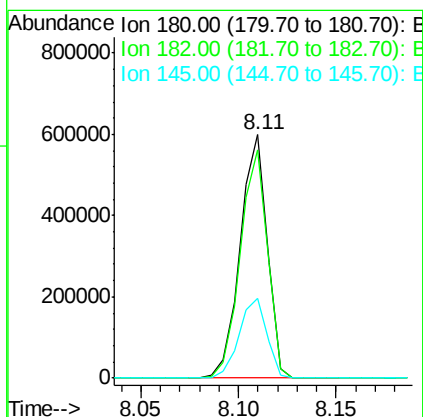
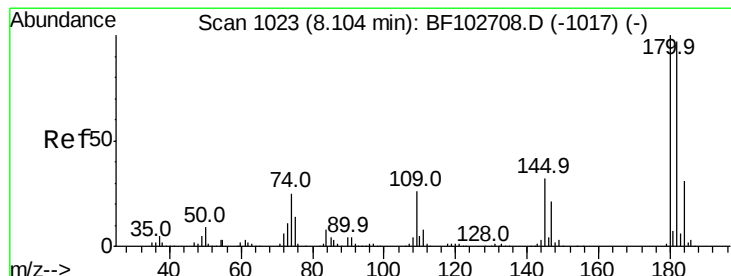
Instrument :
 BNA_F
 ClientSampleId :

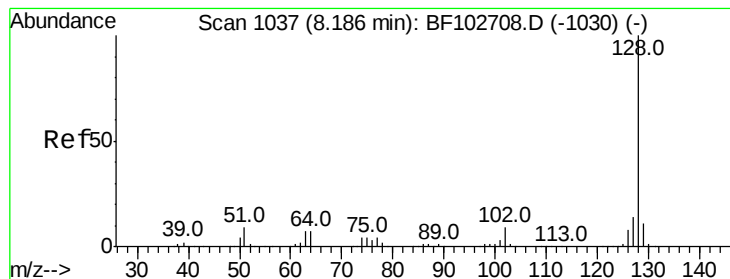
Tot Ion:162 Resp: 537981
 Ion Ratio Lower Upper
 162 100
 164 65.2 42.7 82.7
 98 39.2 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.624 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion:180 Resp: 574405
 Ion Ratio Lower Upper
 180 100
 182 93.7 76.8 115.2
 145 32.7 26.5 39.7





#31

Naphthalene

Concen: 36.458 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

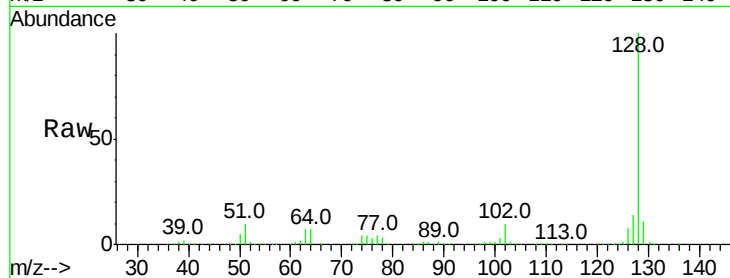
Tot Ion:128 Resp: 1885644

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

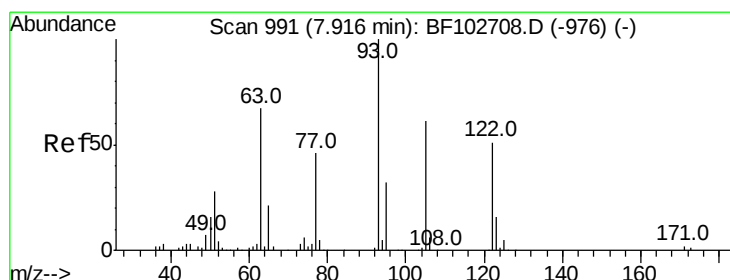
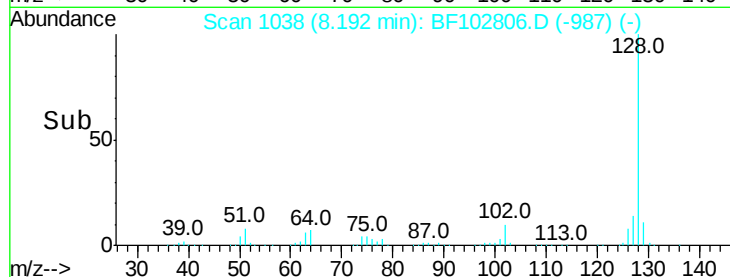
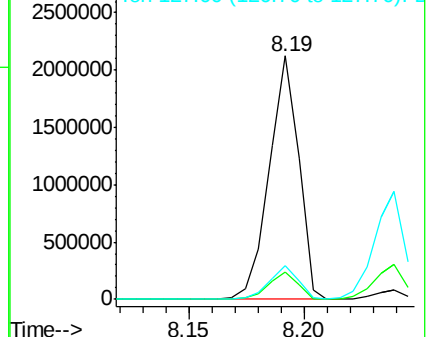
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.307 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

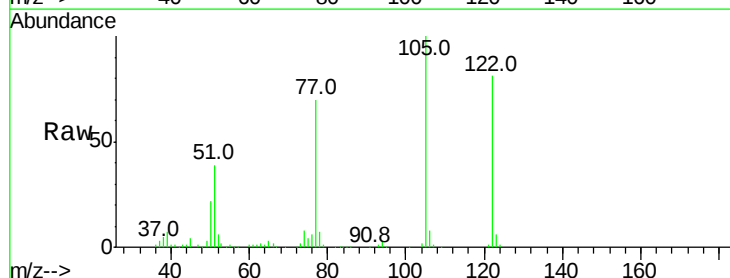
Tgt Ion:122 Resp: 478622

Ion Ratio Lower Upper

122 100

105 123.4 101.1 141.1

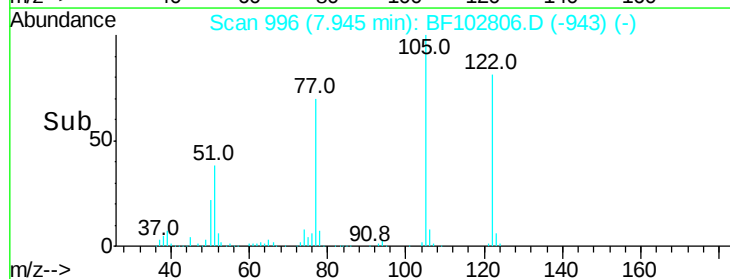
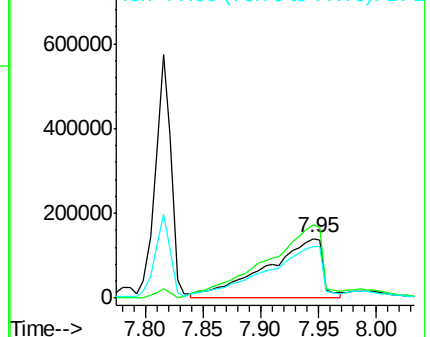
77 86.6 70.7 110.7

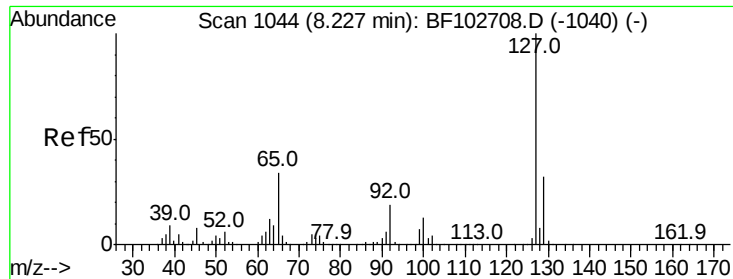


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

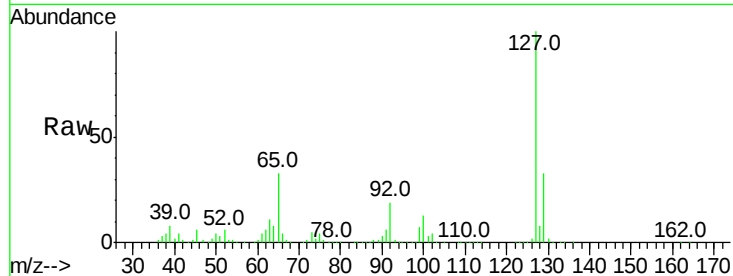




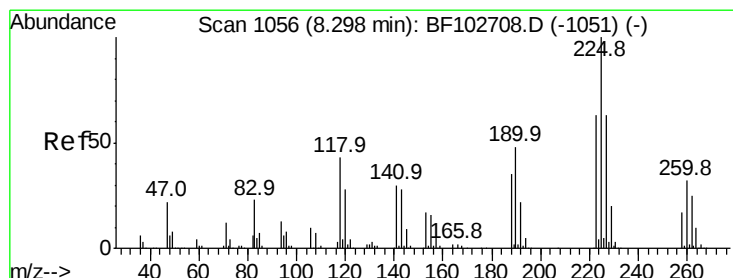
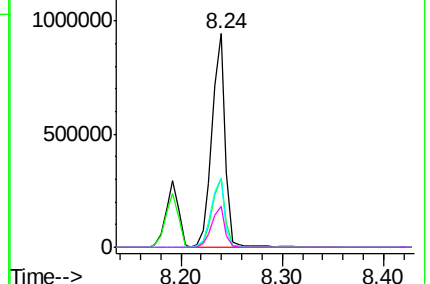
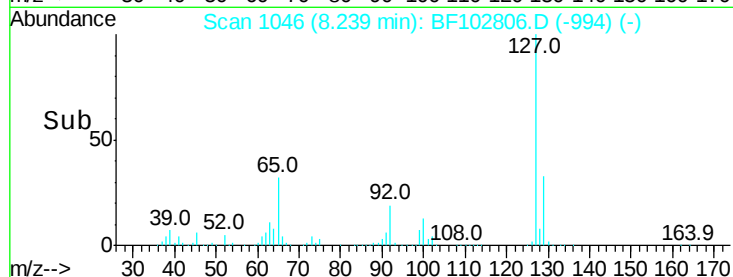
#33
4-Chloroaniline
Concen: 38.329 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	853992
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	32.6	25.0	37.4
92	18.9	15.2	22.8

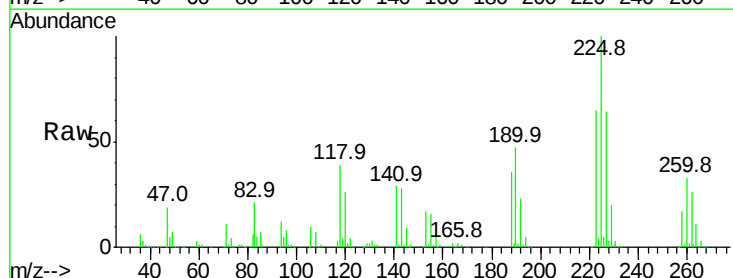


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

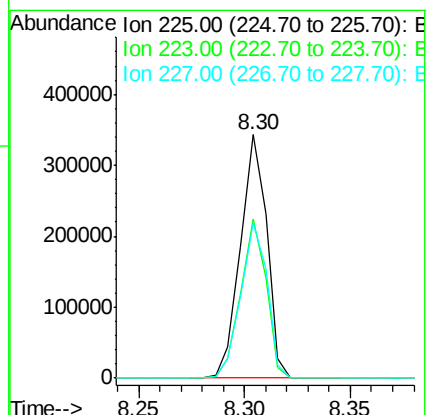
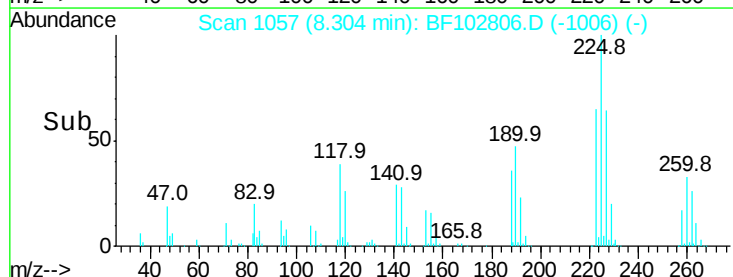


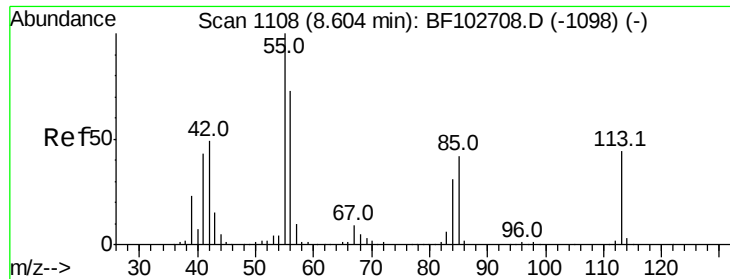
#34
Hexachlorobutadiene
Concen: 37.801 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:	225	Resp:	295724
Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.6	76.0
227	63.6	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

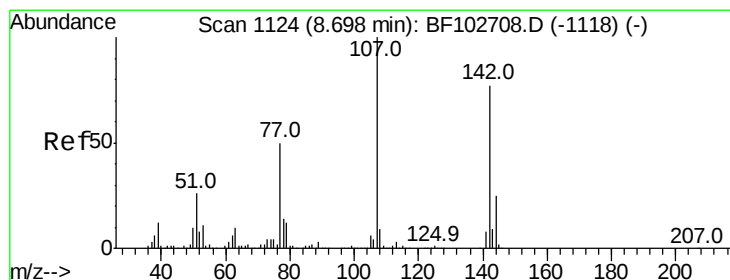
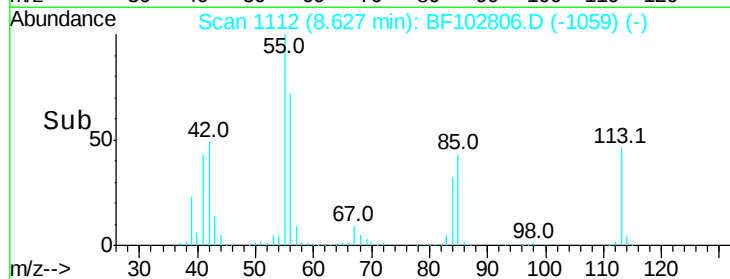
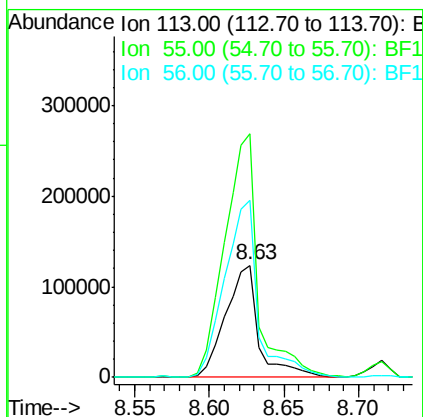
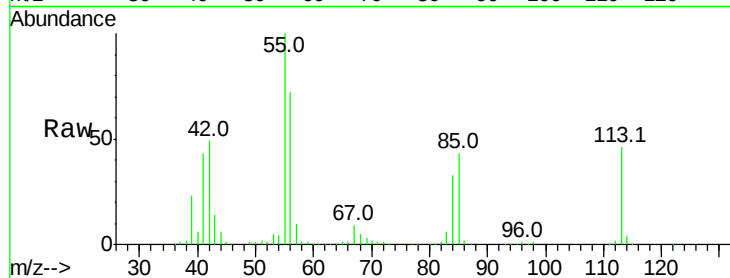




#35
 Caprolactam
 Concen: 41.166 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

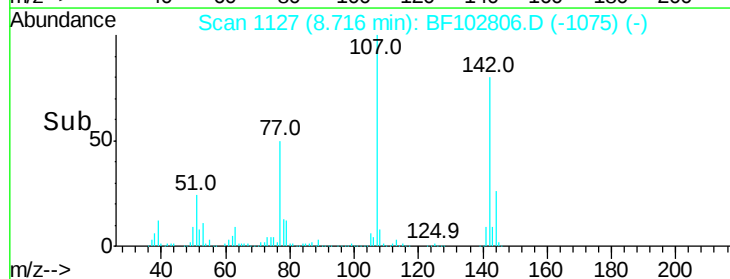
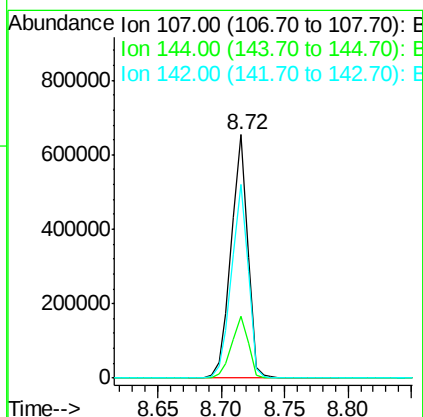
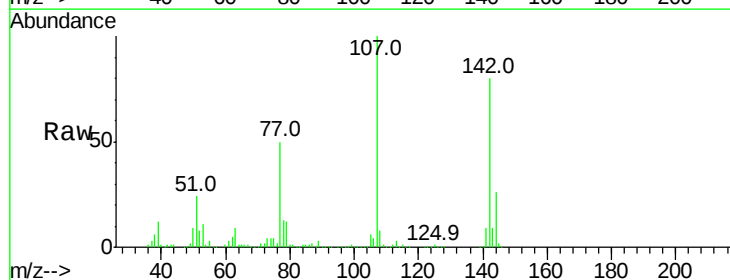
Instrument :
 BNA_F
 ClientSampleId :

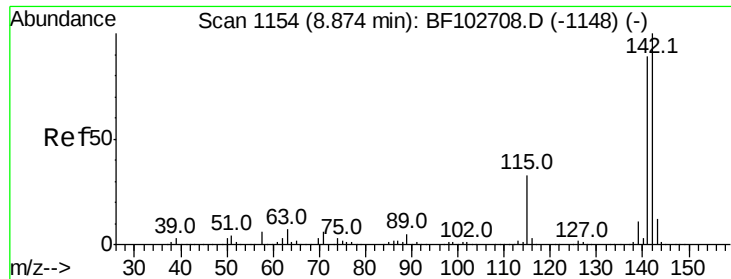
Tot Ion:113 Resp: 192934
 Ion Ratio Lower Upper
 113 100
 55 217.1 163.3 203.3#
 56 157.4 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 39.081 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion:107 Resp: 592579
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 79.6 62.0 93.0

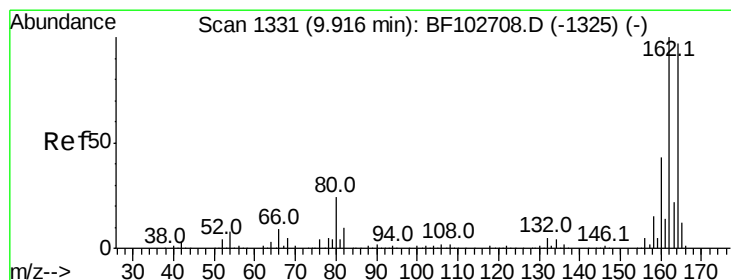
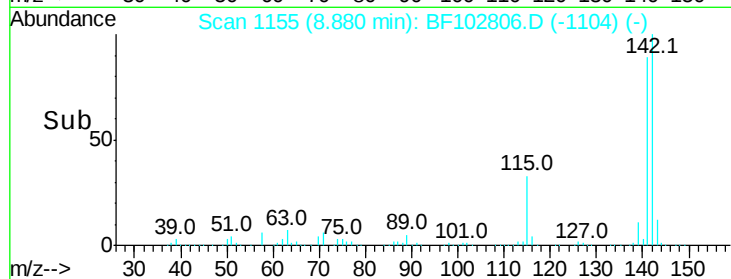
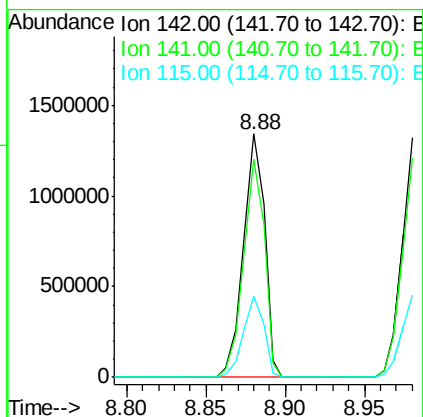
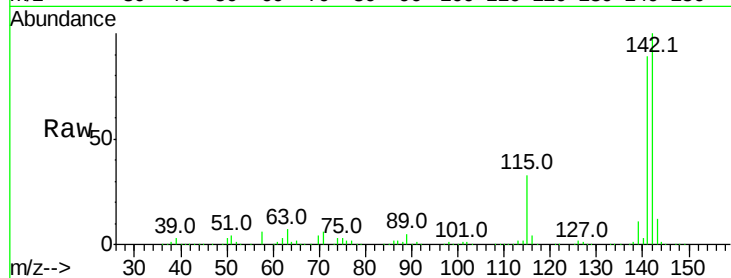




#37
2-Methylnaphthalene
Concen: 36.750 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

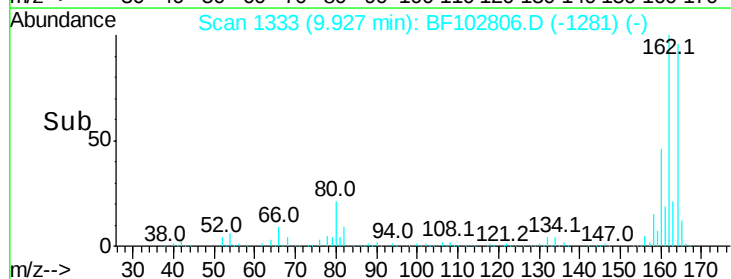
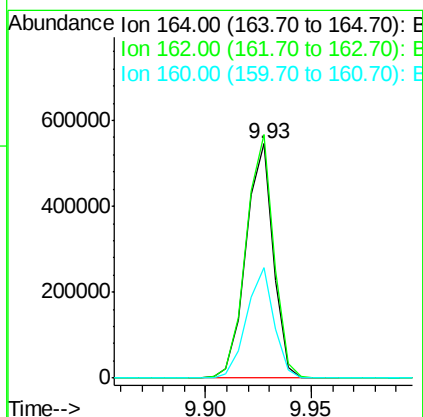
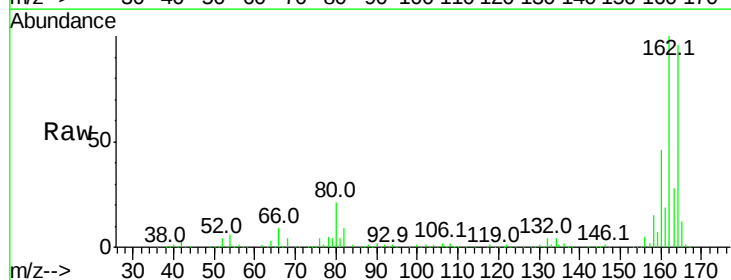
Instrument :
BNA_F
ClientSampleId :

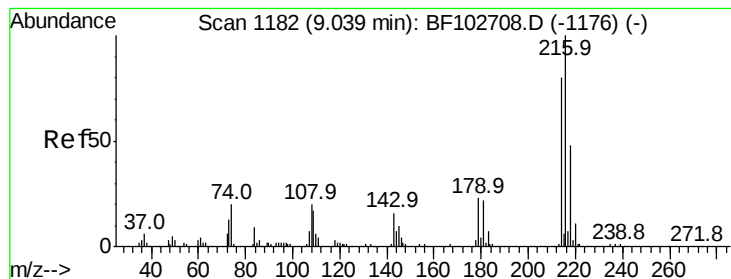
Tot Ion:142 Resp: 1244423
Ion Ratio Lower Upper
142 100
141 89.3 70.8 106.2
115 33.2 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:164 Resp: 489164
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 47.4 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.766 ng

RT: 9.04 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 503004

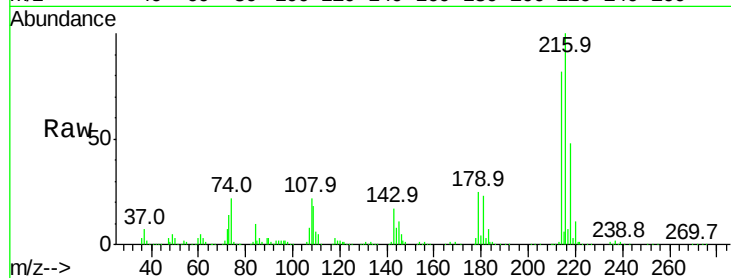
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 23.1 18.1 27.1

108 21.9 17.2 25.8

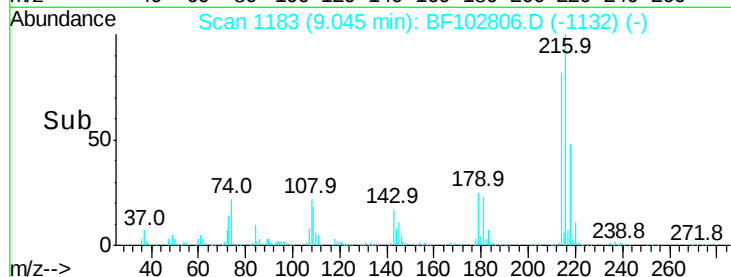


Abundance Ion 216.00 (215.70 to 216.70): E

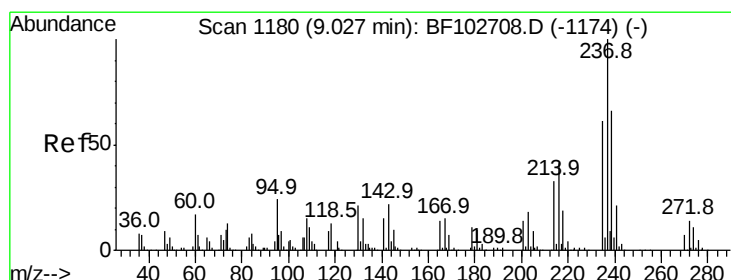
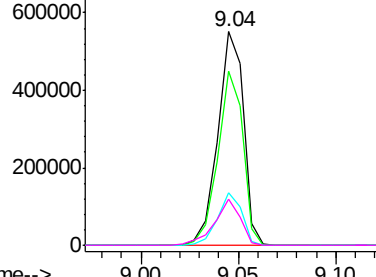
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 42.347 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

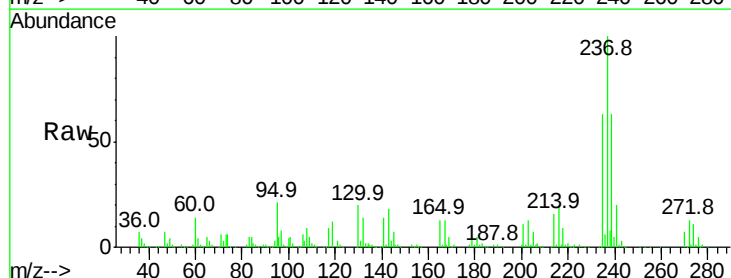
Tgt Ion:237 Resp: 268122

Ion Ratio Lower Upper

237 100

235 63.1 44.8 84.8

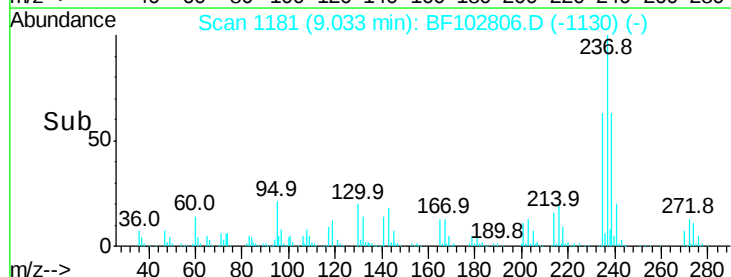
272 13.2 0.0 33.3



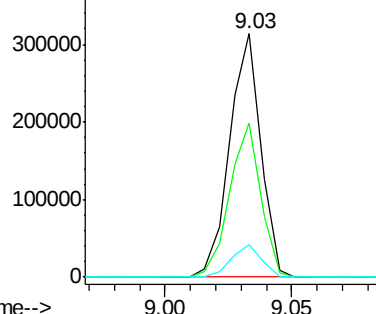
Abundance Ion 236.80 (236.50 to 237.50): E

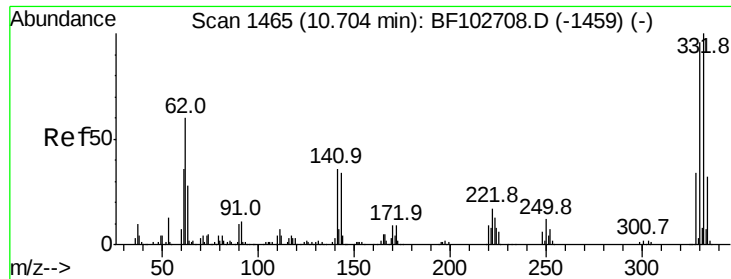
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

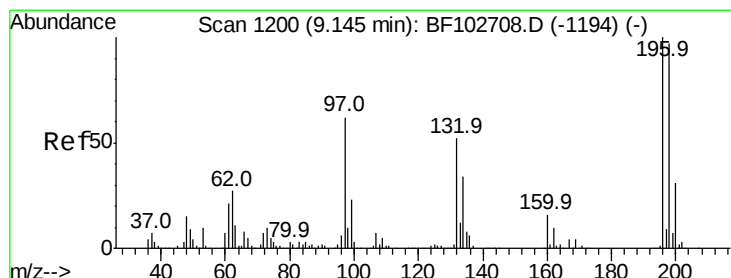
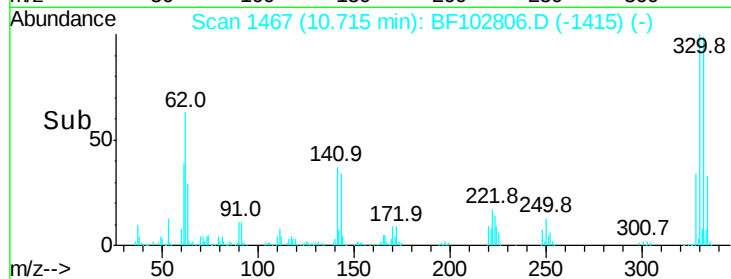
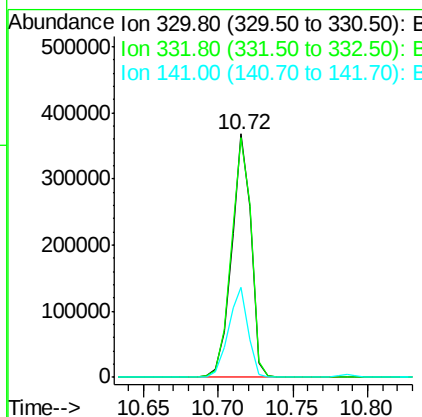
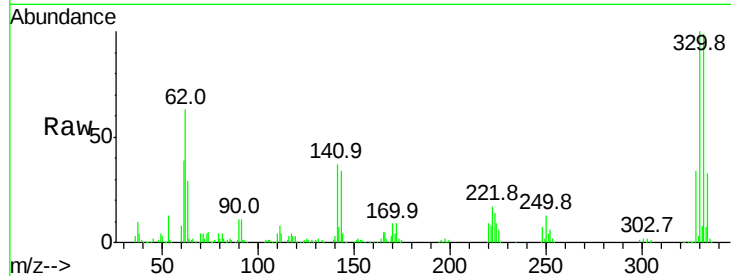




#41
 2,4,6-Tribromophenol
 Concen: 85.915 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

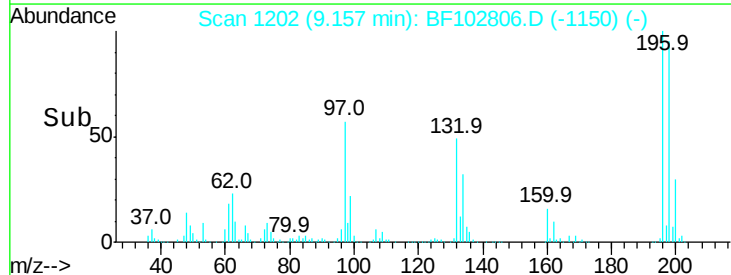
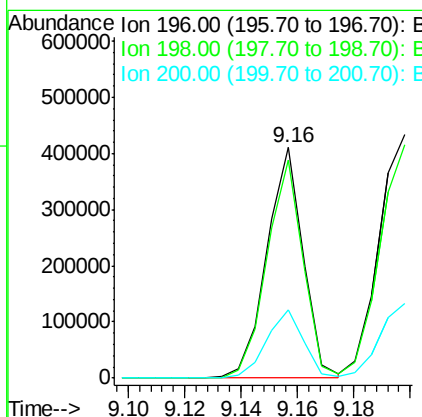
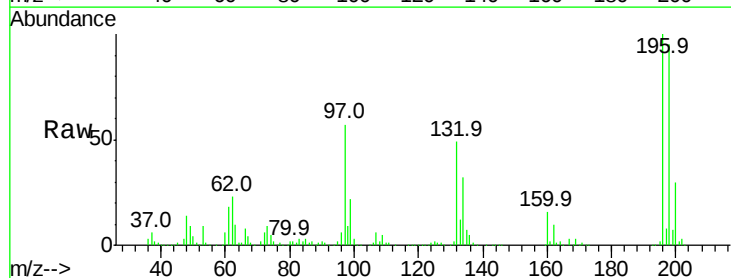
Instrument :
 BNA_F
 ClientSampled :

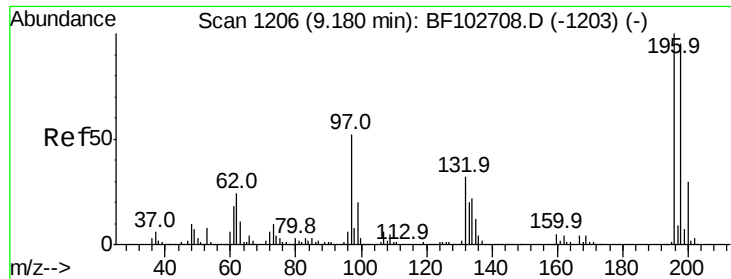
Tot Ion	Ratio	Lower	Upper
330	100		
332	101.2	77.0	115.6
141	37.6	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.710 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.7	113.5
200	29.8	24.5	36.7

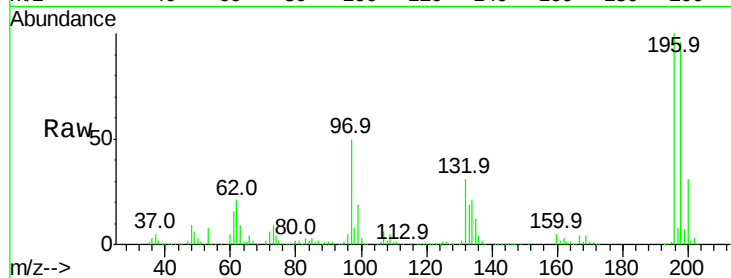




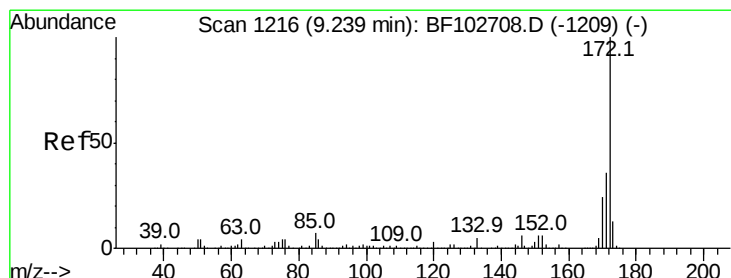
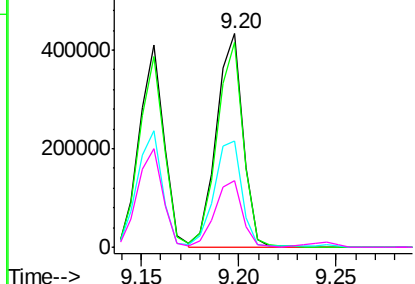
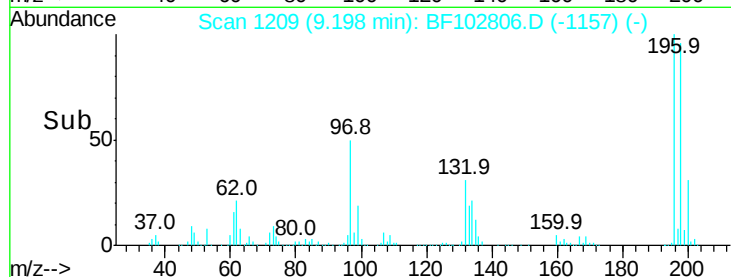
#43
 2,4,5-Trichlorophenol
 Concen: 41.490 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 409095
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.6 112.0
 97 49.8 42.9 64.3
 132 31.0 26.3 39.5

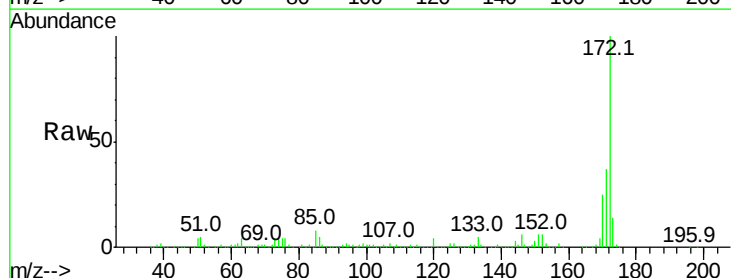


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

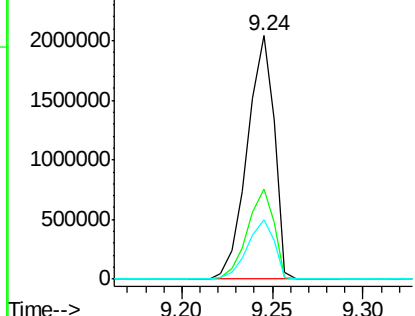
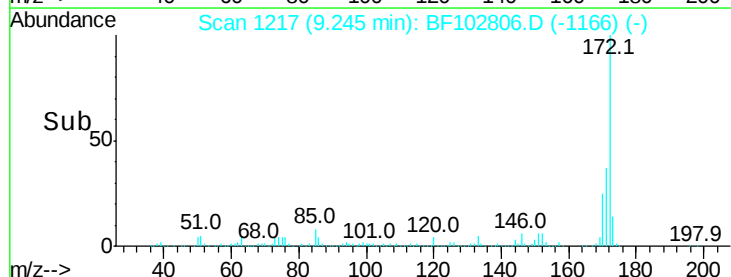


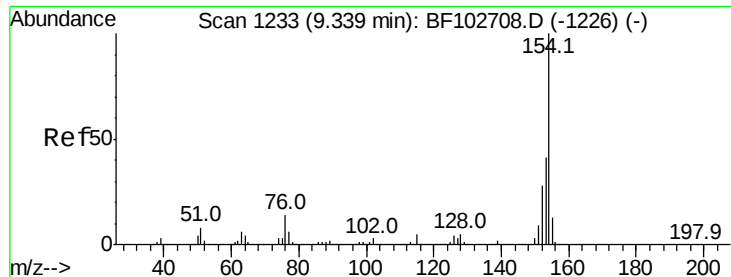
#44
 2-Fluorobiphenyl
 Concen: 71.660 ng
 RT: 9.24 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion:172 Resp: 2112481
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.5 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: 35.994 ng

RT: 9.34 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

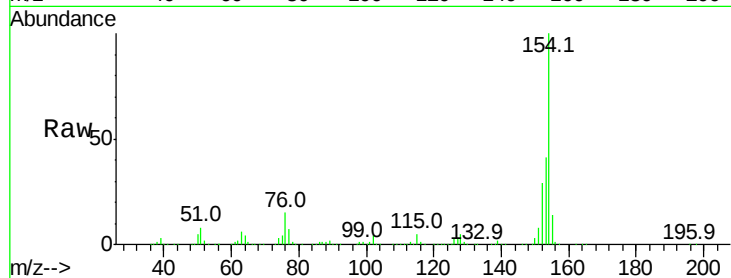
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1482997

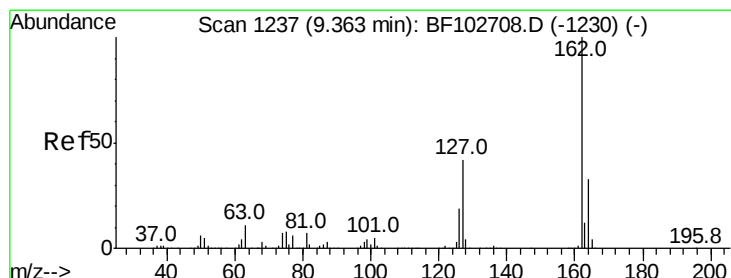
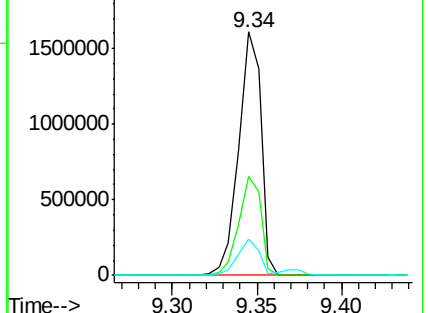
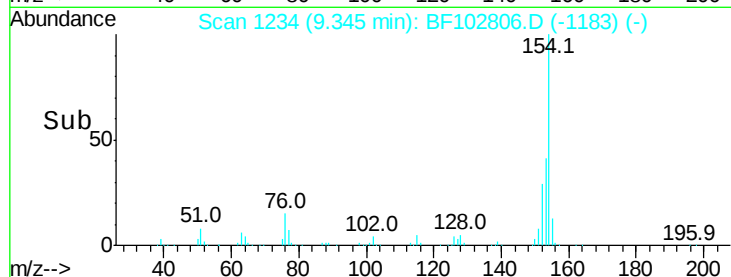
Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	14.7	0.0	34.0



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: 36.923 ng

RT: 9.37 min Scan# 1239

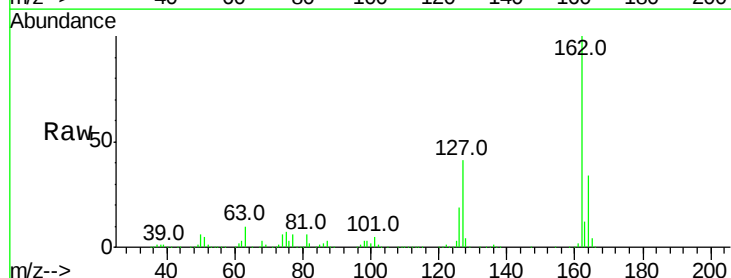
Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Tgt Ion:162 Resp: 1197630

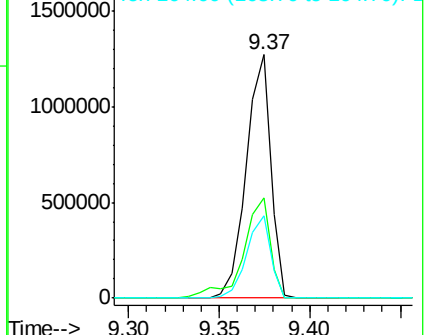
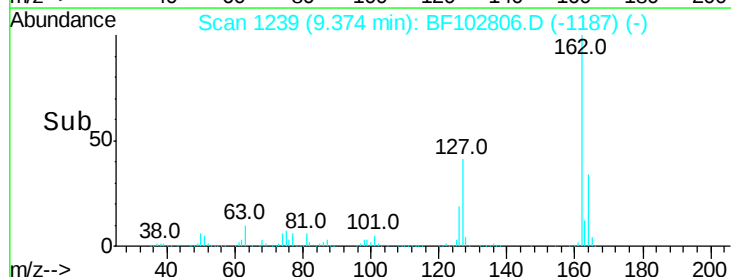
Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.9	50.9
164	34.0	26.5	39.7

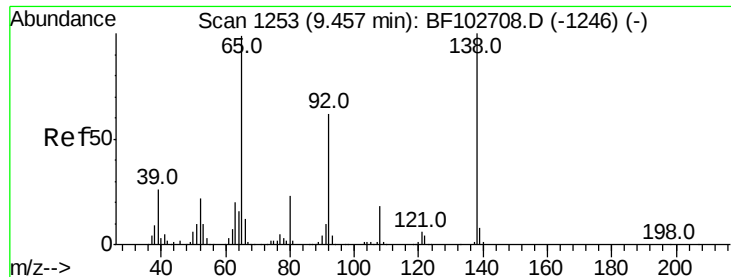


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.100 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

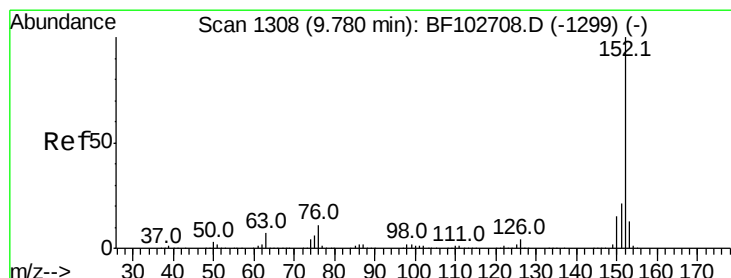
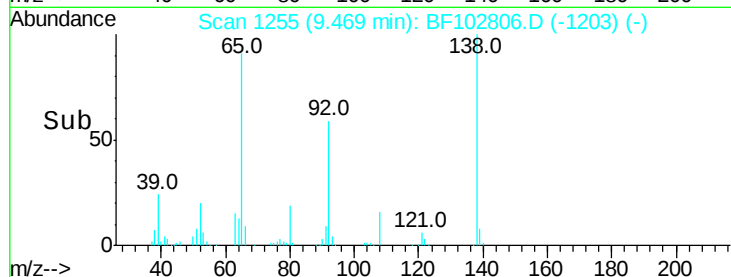
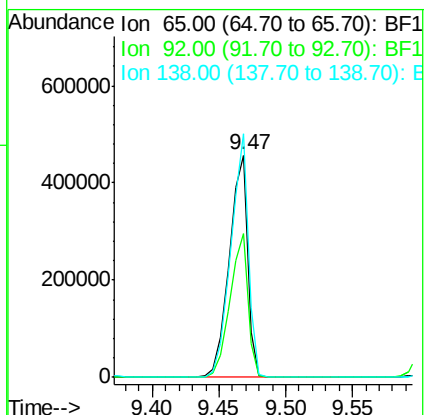
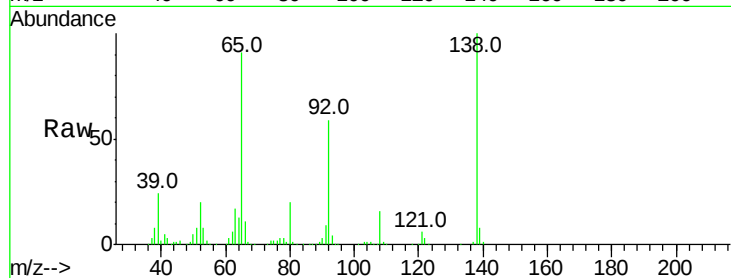
Tot Ion: 65 Resp: 449147

Ion Ratio Lower Upper

65 100

92 64.6 55.8 83.6

138 109.7 91.2 136.8



#48

Acenaphthylene

Concen: 36.274 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

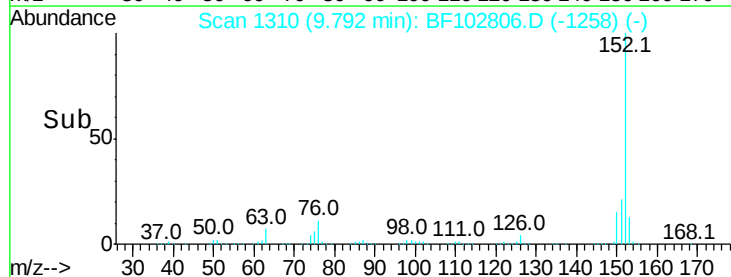
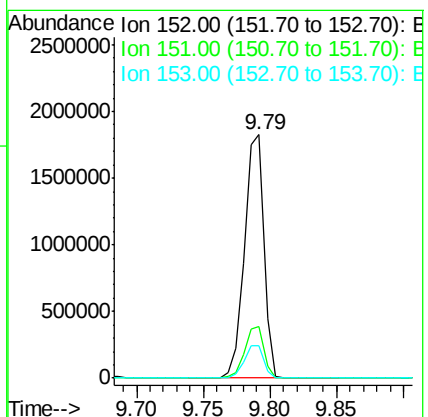
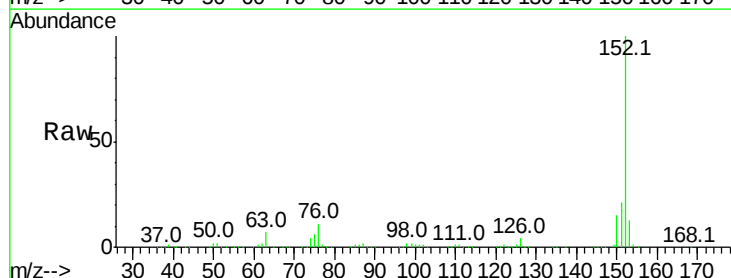
Tgt Ion: 152 Resp: 1827433

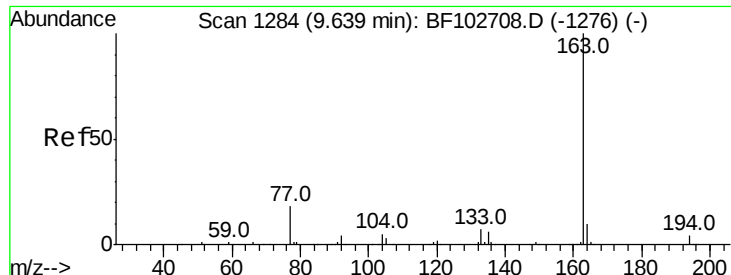
Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

153 13.1 10.7 16.1

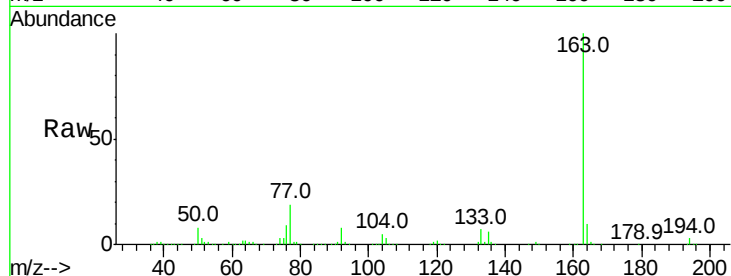




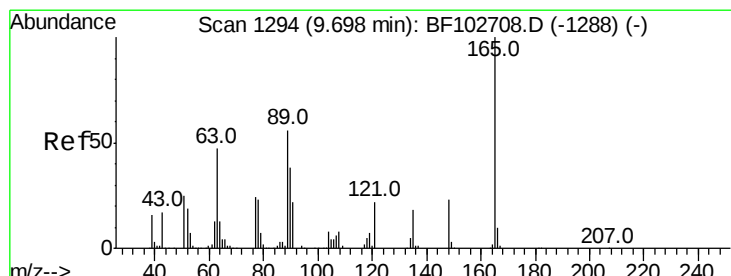
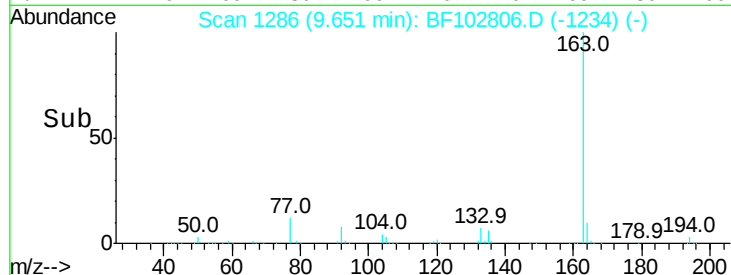
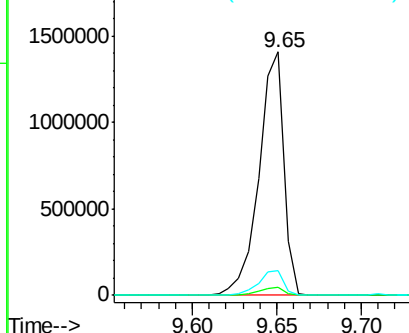
#49
Dimethylphthalate
Concen: 37.671 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1436821
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

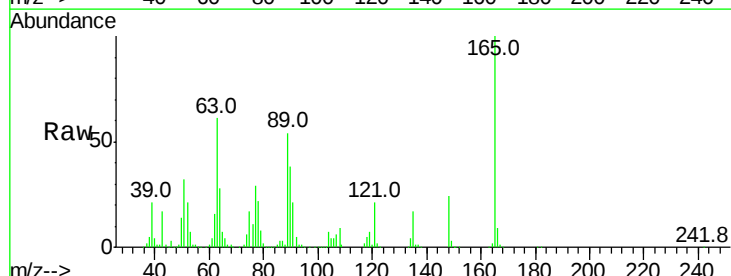


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

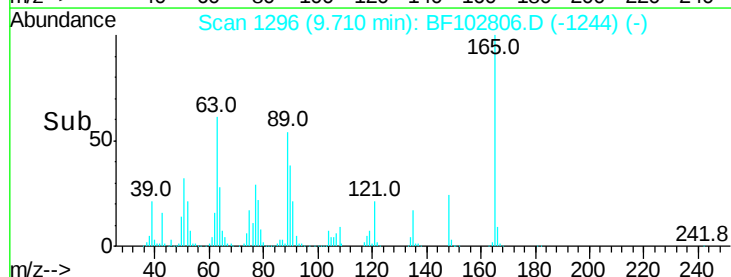
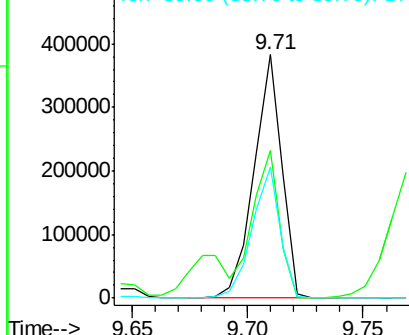


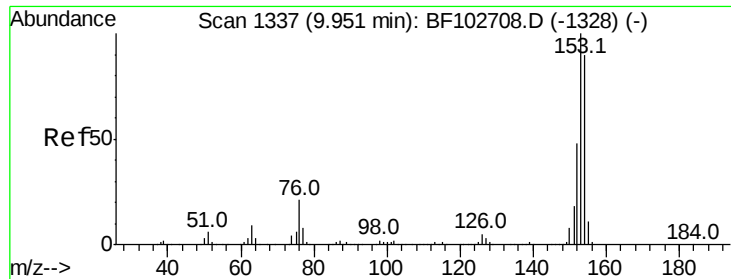
#50
2,6-Dinitrotoluene
Concen: 44.374 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:165 Resp: 321999
Ion Ratio Lower Upper
165 100
63 60.7 44.7 67.1
89 53.7 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: 37.234 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

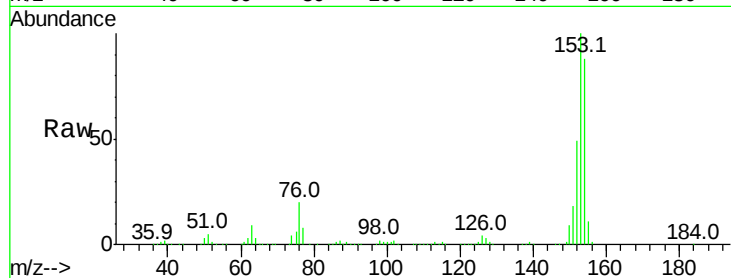
Tot Ion:154 Resp: 1121781

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

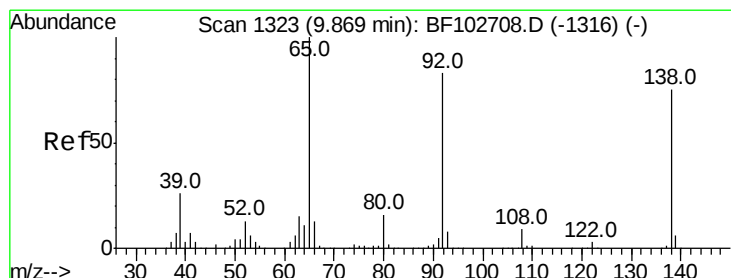
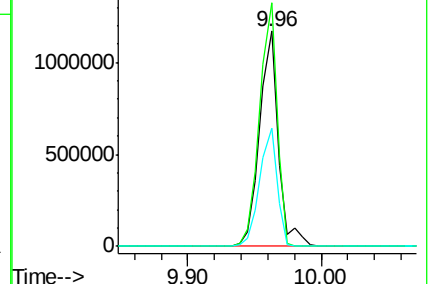
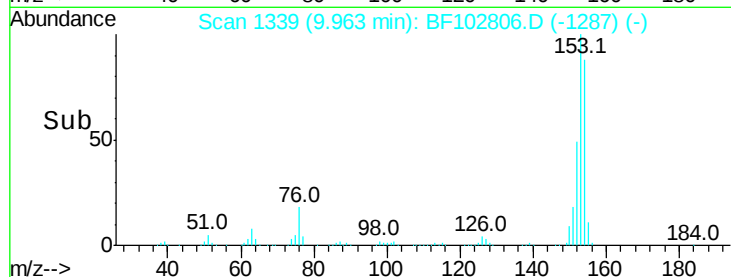
152 55.0 43.8 65.8



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: 45.313 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

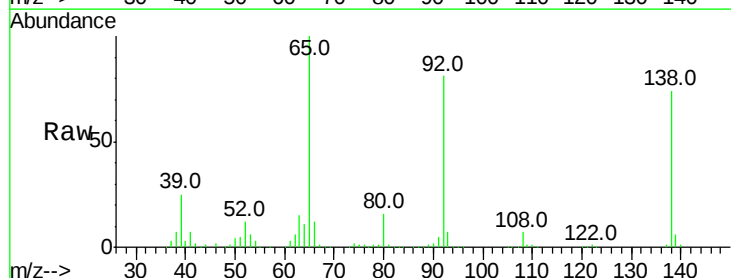
Tgt Ion:138 Resp: 404580

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

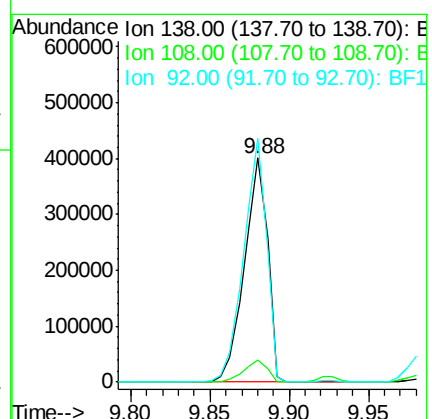
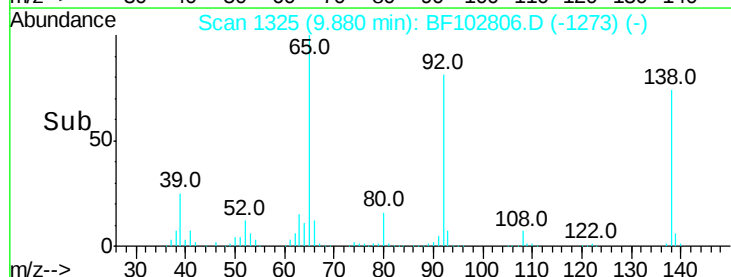
92 108.8 89.4 134.2

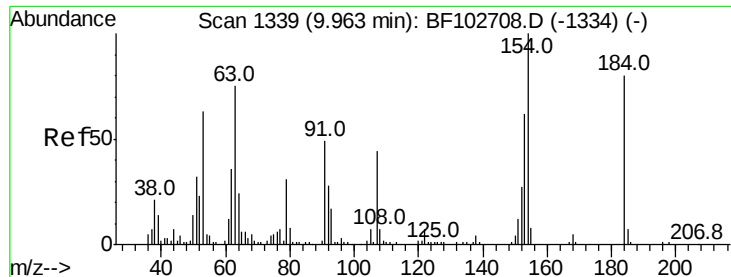


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

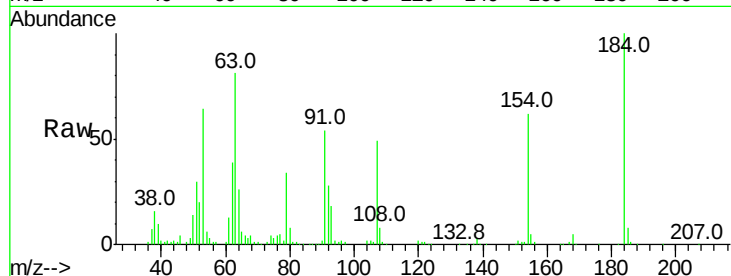




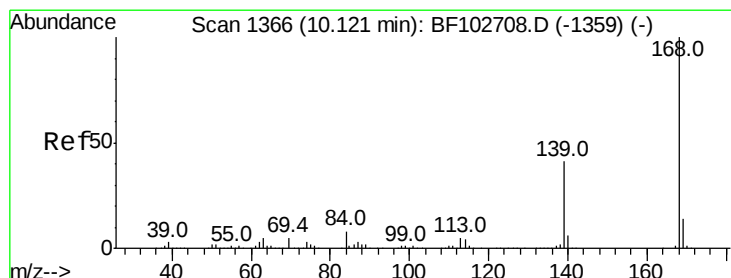
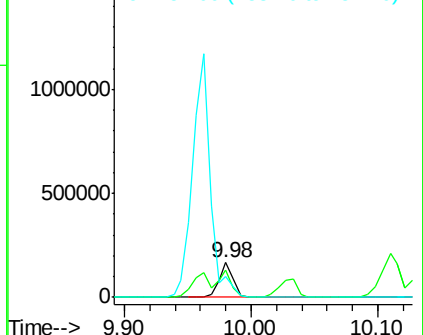
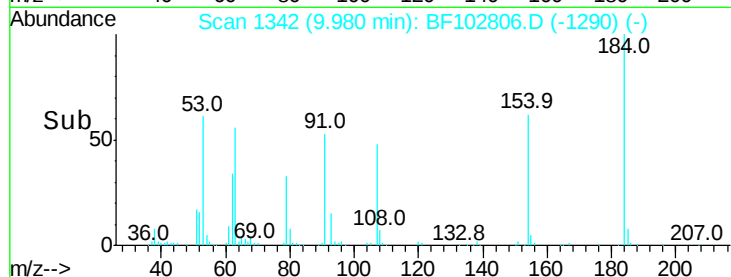
#53
2,4-Dinitrophenol
Concen: 63.916 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 133306
Ion Ratio Lower Upper
184 100
63 80.8 54.2 81.2
154 61.9 184.0 276.0#

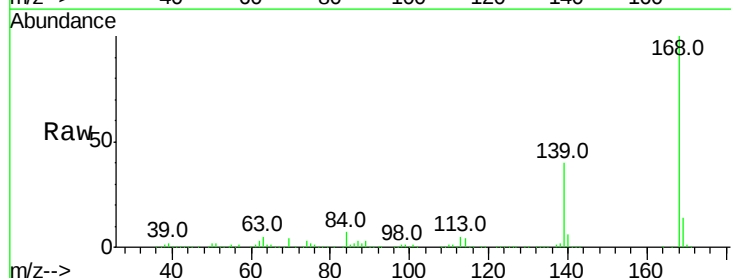


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

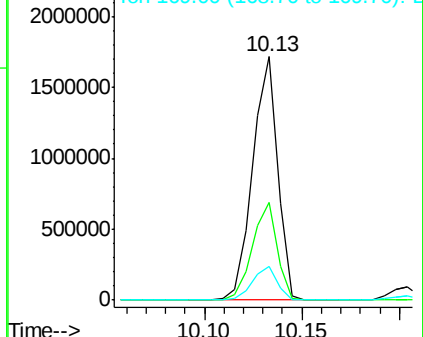
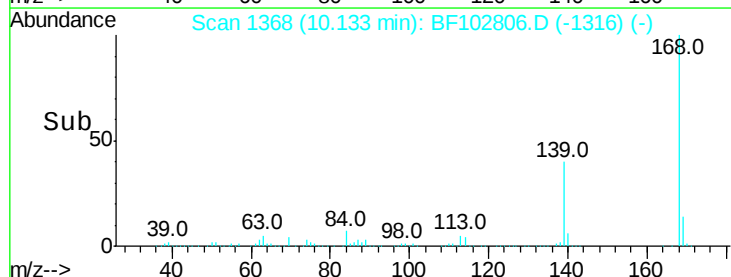


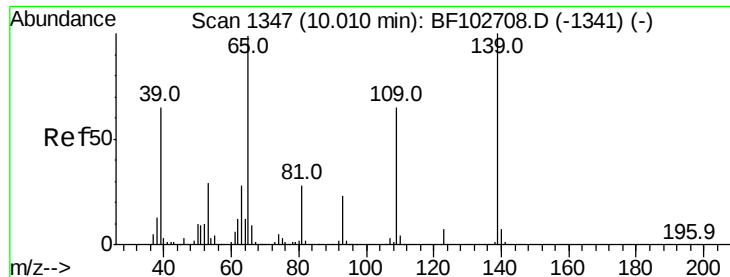
#54
Dibenzofuran
Concen: 35.861 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:168 Resp: 1522625
Ion Ratio Lower Upper
168 100
139 39.9 30.1 45.1
169 13.9 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

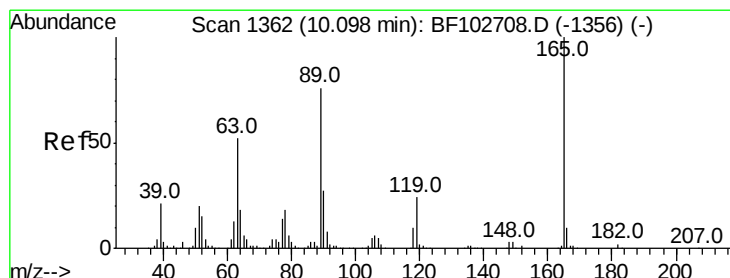
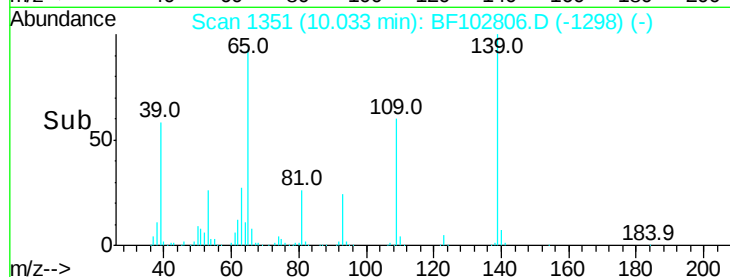
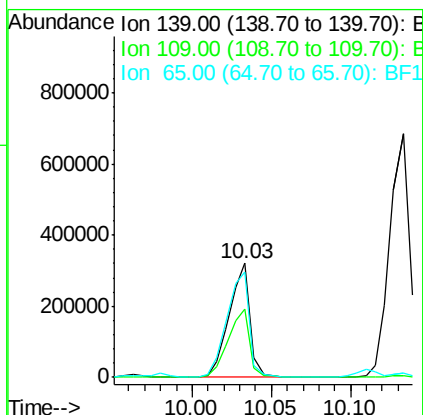
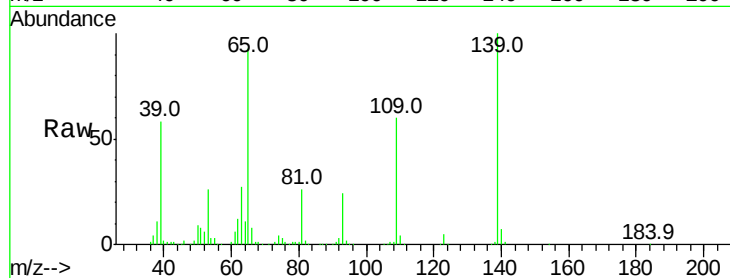




#55
4-Nitrophenol
Concen: 42.303 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

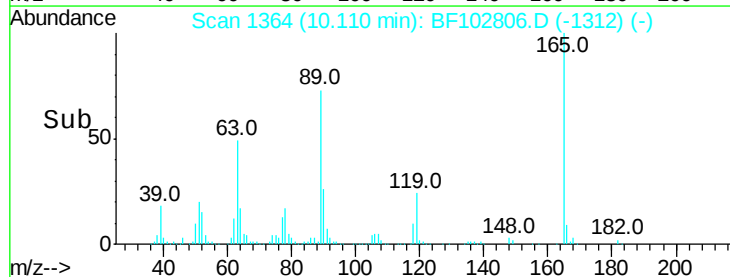
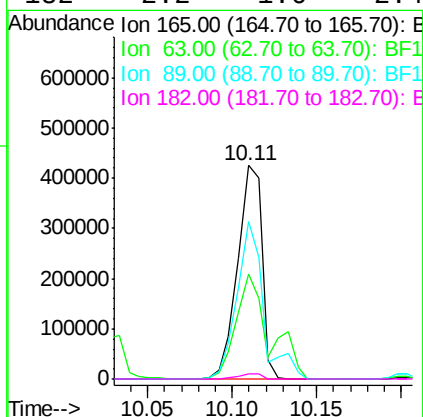
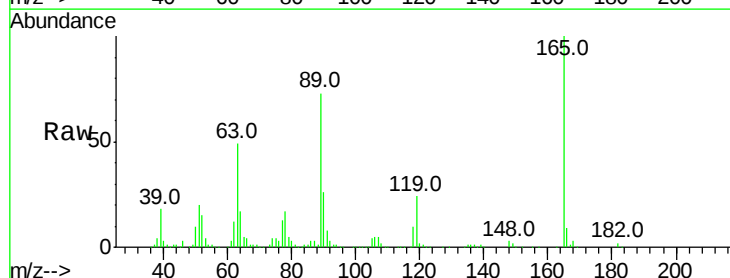
Instrument :
BNA_F
ClientSampled :

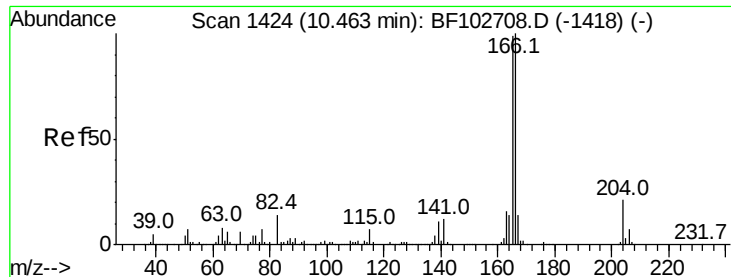
Tot Ion:139 Resp: 295745
Ion Ratio Lower Upper
139 100
109 60.1 48.4 88.4
65 93.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.066 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:165 Resp: 426225
Ion Ratio Lower Upper
165 100
63 49.2 36.4 54.6
89 73.5 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 37.317 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

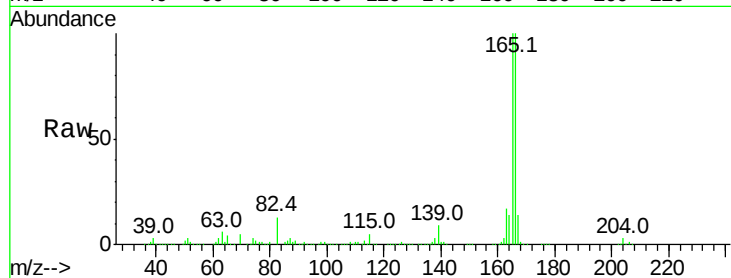
Tot Ion:166 Resp: 1152785

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

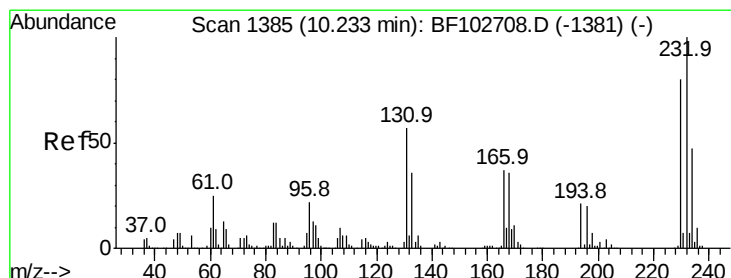
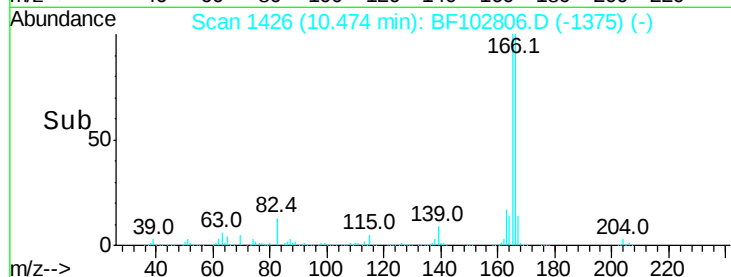
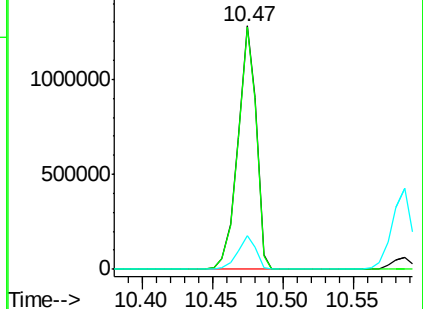
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.783 ng

RT: 10.24 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Tgt Ion:232 Resp: 285547

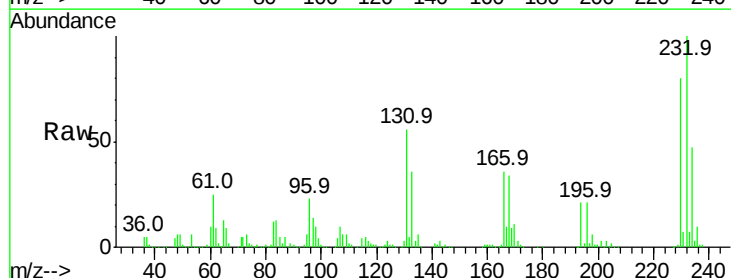
Ion Ratio Lower Upper

232 100

131 54.5 43.8 65.8

130 2.5 2.1 3.1

166 35.8 27.8 41.6

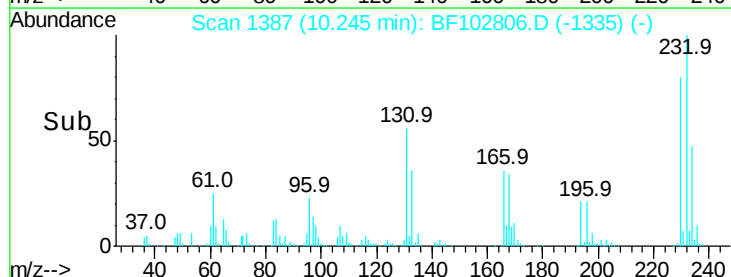
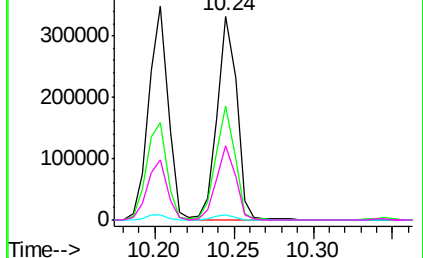


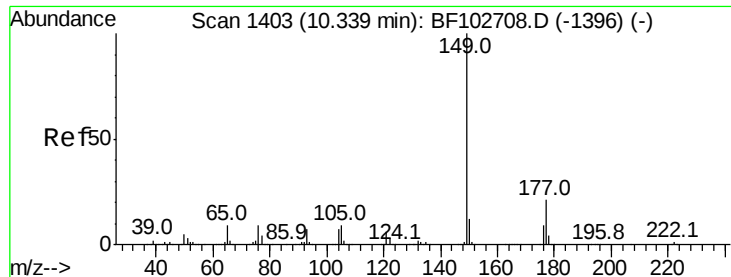
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

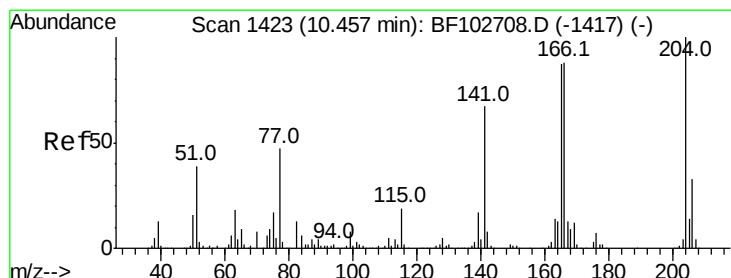
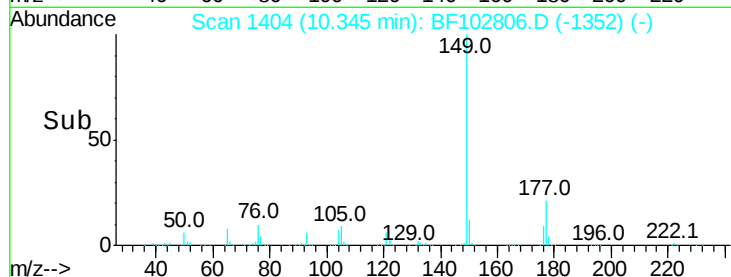
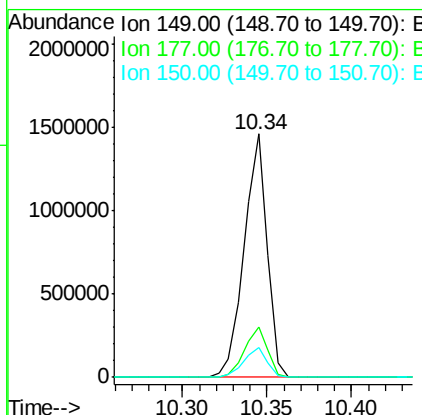
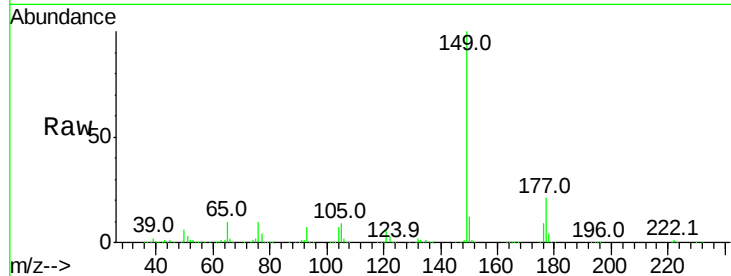




#59
Diethylphthalate
Concen: 36.848 ng
RT: 10.34 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

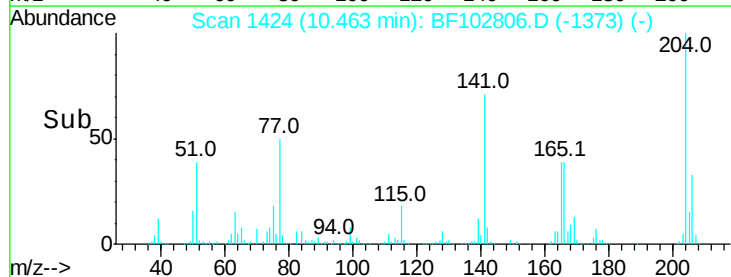
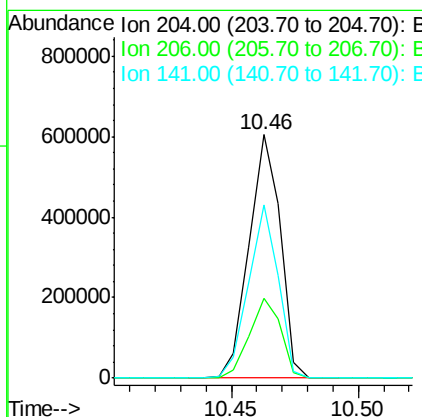
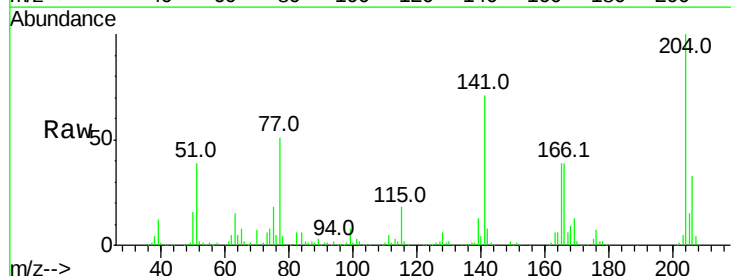
Instrument :
BNA_F
ClientSampleId :

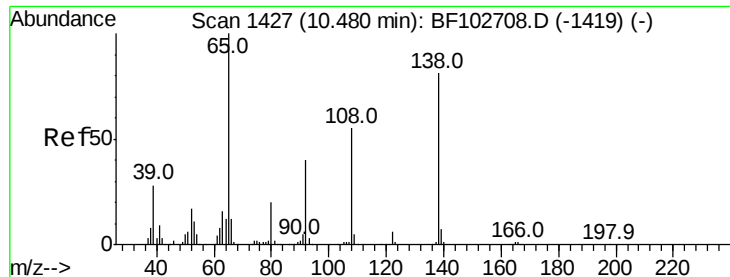
Tot Ion:149 Resp: 1387731
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.018 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:204 Resp: 519539
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 71.2 54.6 81.8

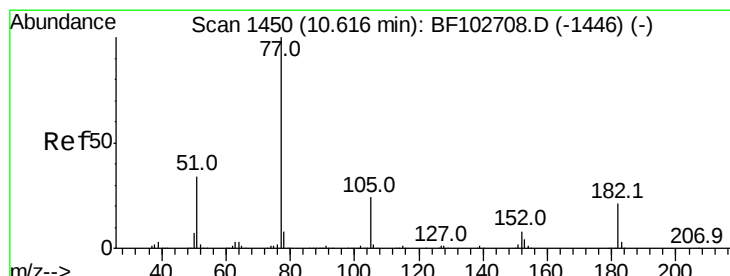
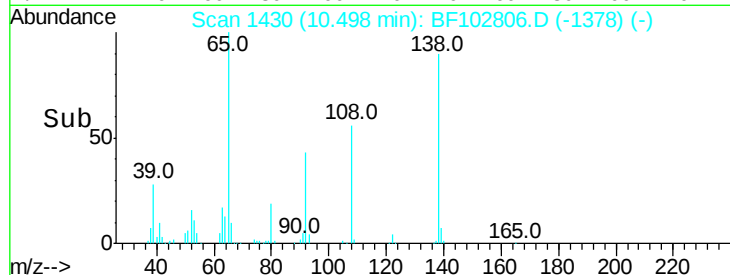
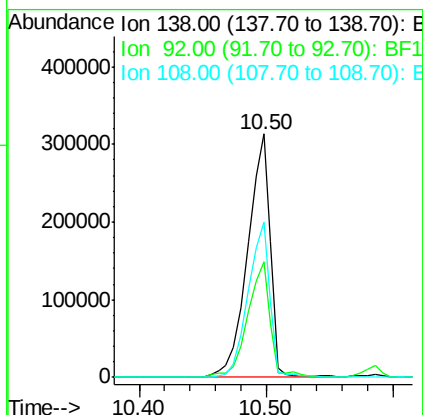
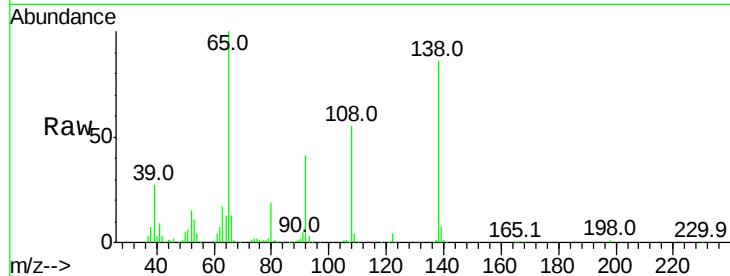




#61
4-Nitroaniline
Concen: 45.939 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

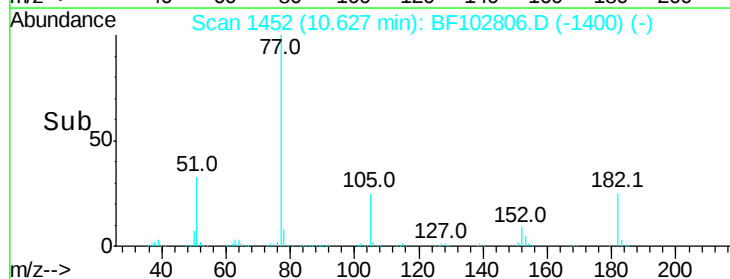
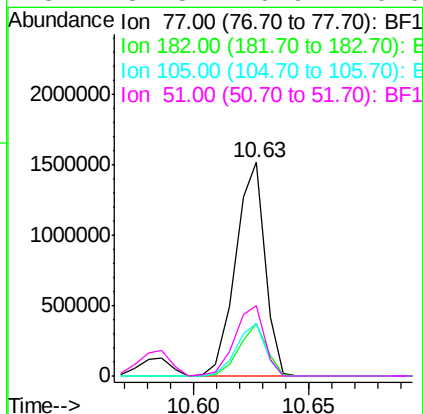
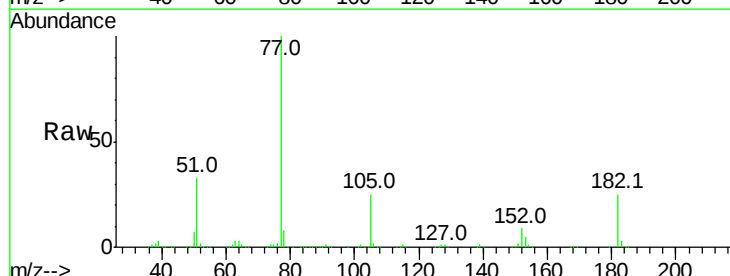
Instrument :
BNA_F
ClientSampled :

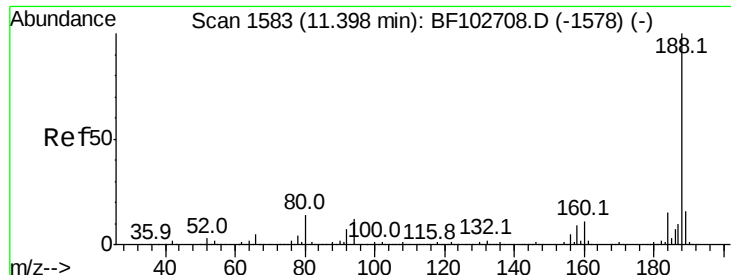
Tot Ion:138 Resp: 390424
Ion Ratio Lower Upper
138 100
92 47.3 30.2 70.2
108 63.7 52.5 92.5



#62
Azobenzene
Concen: 35.716 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion: 77 Resp: 1343738
Ion Ratio Lower Upper
77 100
182 24.5 1.7 41.7
105 24.9 3.0 43.0
51 32.8 9.9 49.9

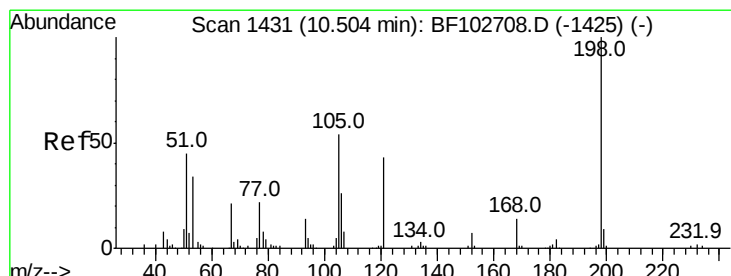
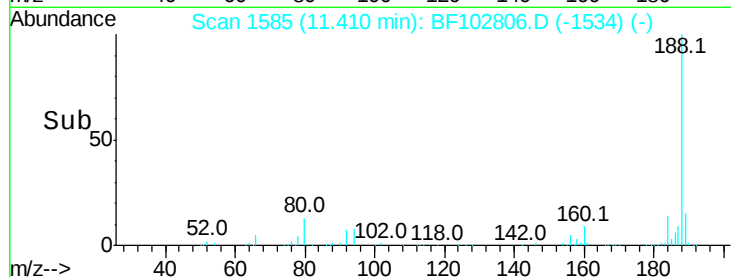
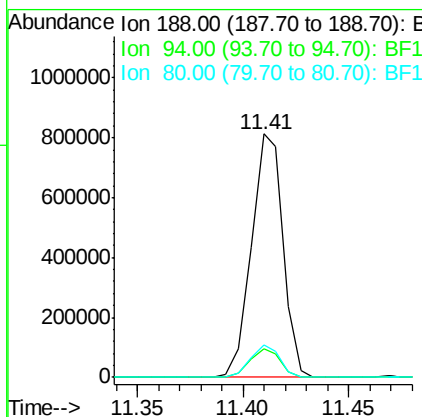
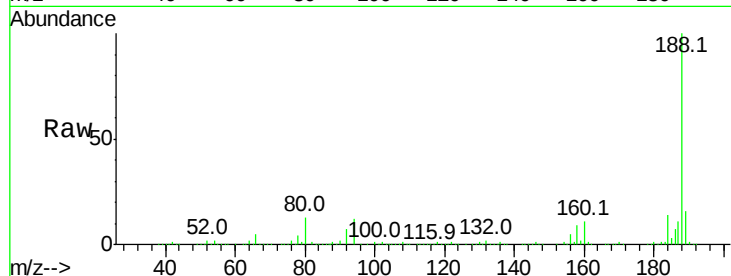




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

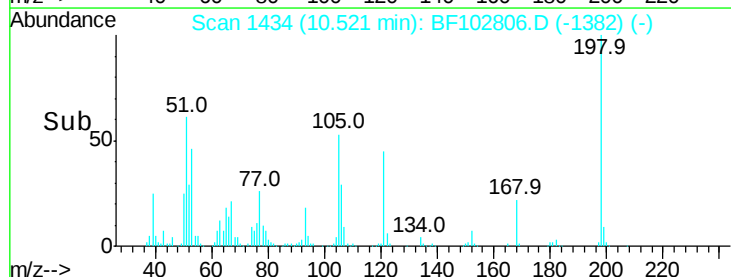
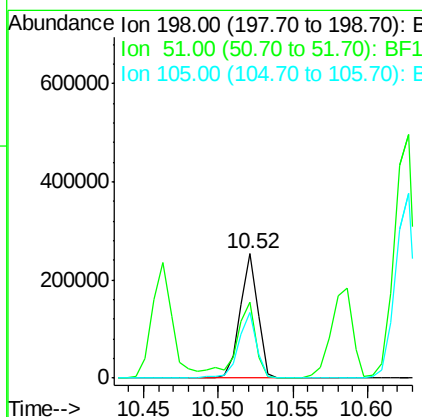
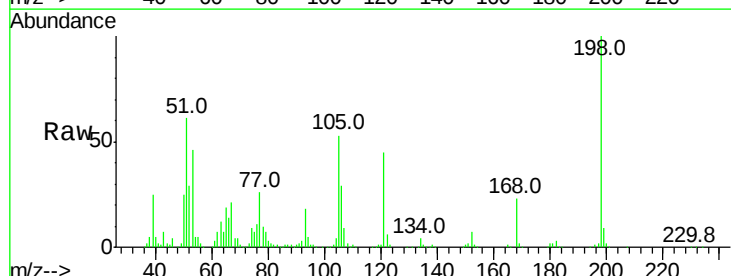
Instrument :
 BNA_F
 ClientSampleId :

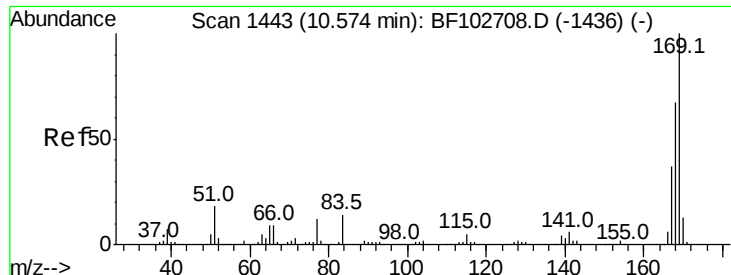
Tot Ion:188 Resp: 841535
 Ion Ratio Lower Upper
 188 100
 94 11.9 8.5 12.7
 80 13.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 56.777 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion:198 Resp: 211185
 Ion Ratio Lower Upper
 198 100
 51 61.4 37.7 77.7
 105 52.6 36.3 76.3

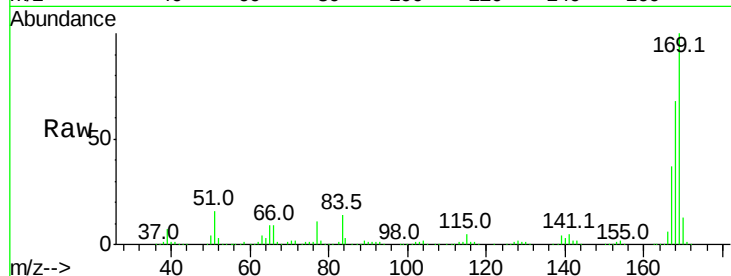




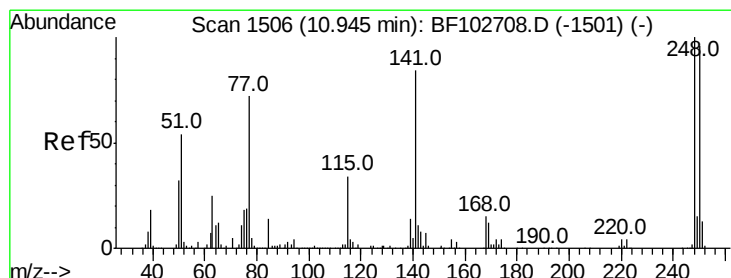
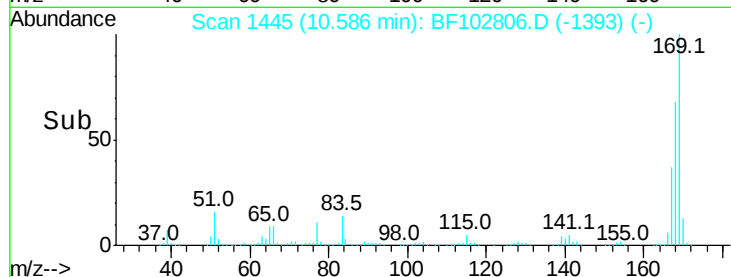
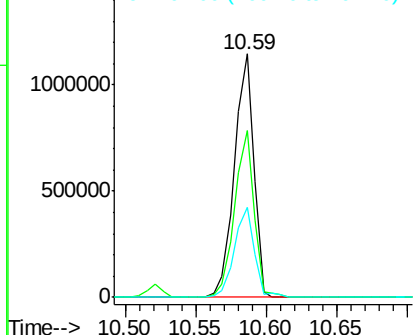
#65
 n-Nitrosodiphenylamine
 Concen: 36.976 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1097570
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.4 81.6
 167 37.0 29.8 44.6

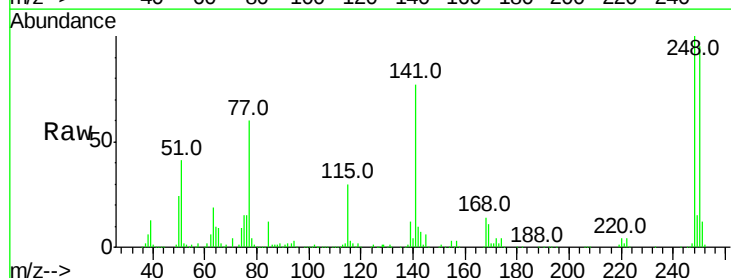


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

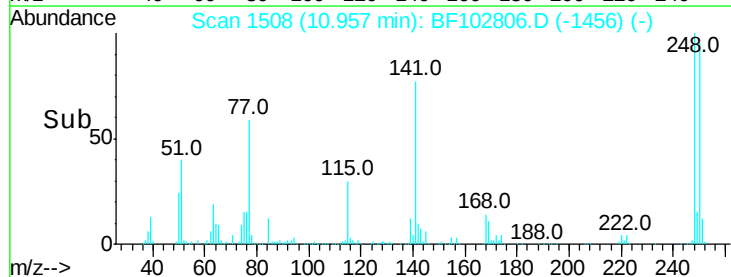
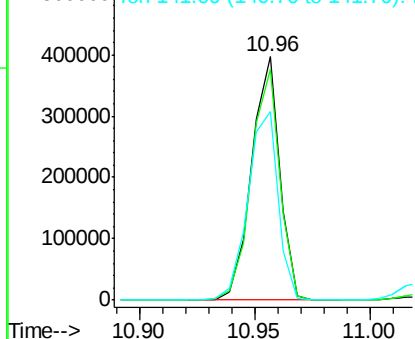


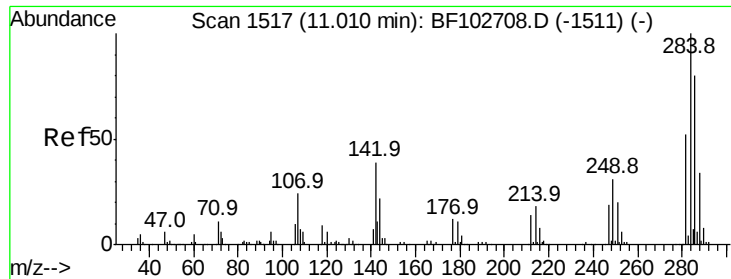
#66
 4-Bromophenyl-phenylether
 Concen: 38.010 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion:248 Resp: 338360
 Ion Ratio Lower Upper
 248 100
 250 95.0 76.9 115.3
 141 77.3 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

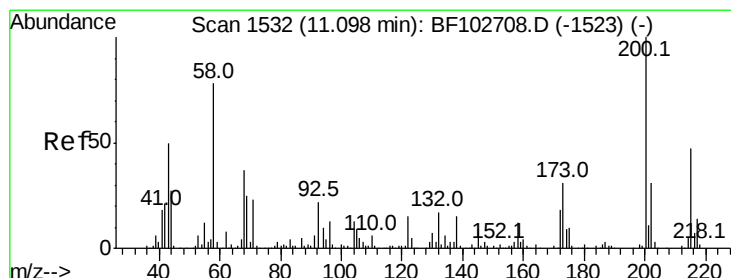
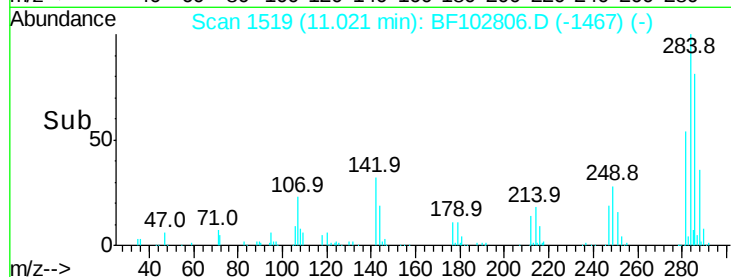
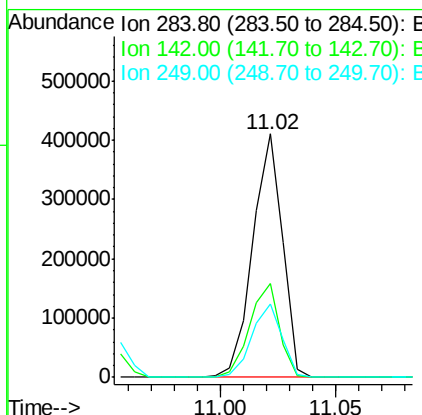
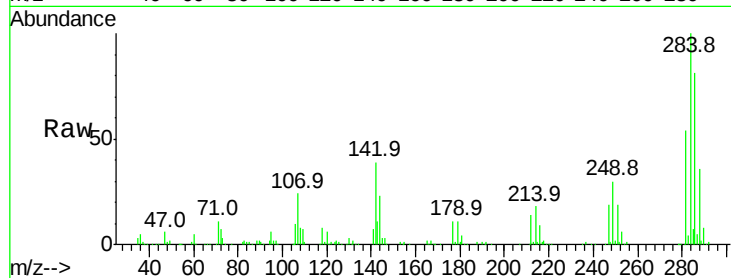




#67
Hexachlorobenzene
Concen: 37.588 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

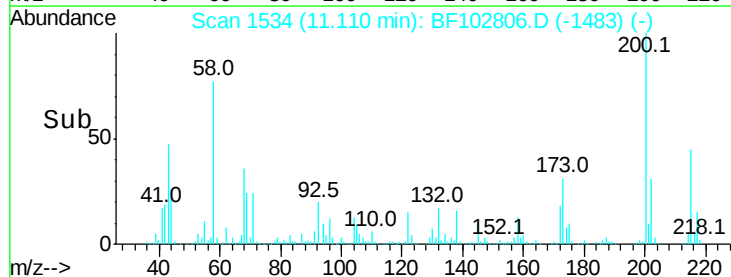
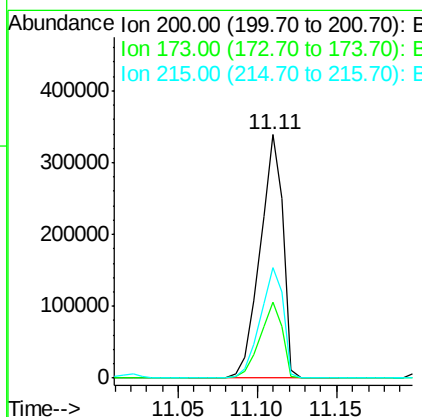
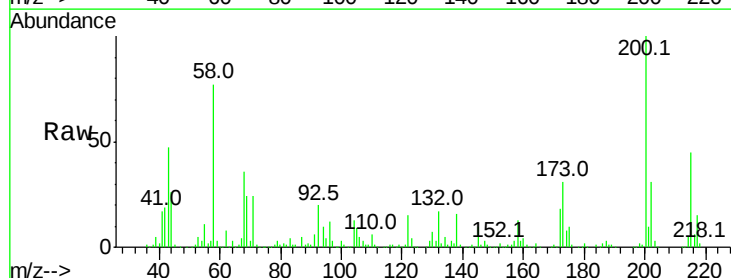
Instrument :
BNA_F
ClientSampleId :

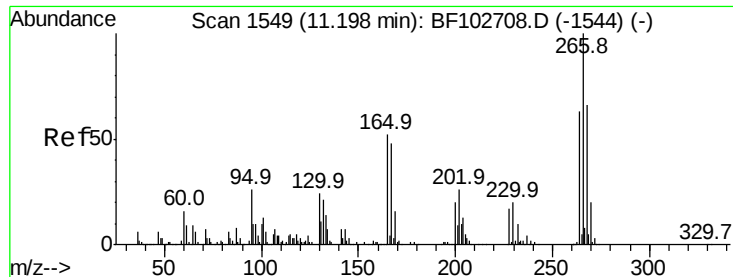
Tot Ion	Ratio	Lower	Upper
284	100		
142	38.6	34.6	52.0
249	30.3	24.8	37.2



#68
Atrazine
Concen: 39.110 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.0	8.6	48.6
215	45.3	25.1	65.1

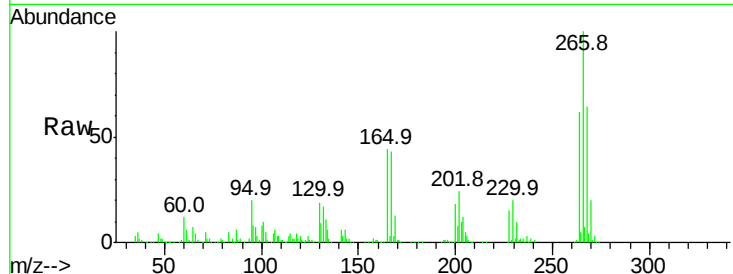




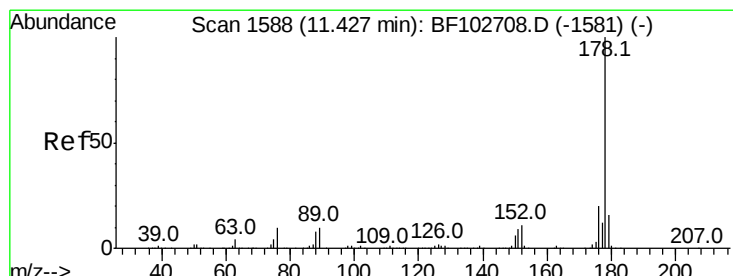
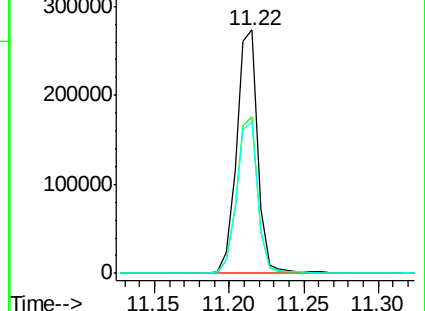
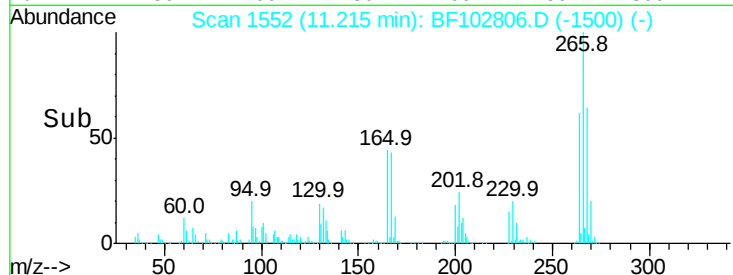
#69
 Pentachlorophenol
 Concen: 47.362 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 273032
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.1 76.7
 264 62.4 49.5 74.3

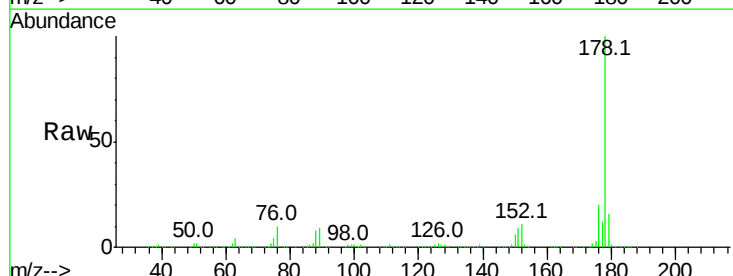


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

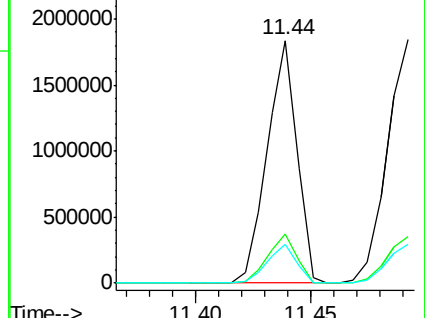
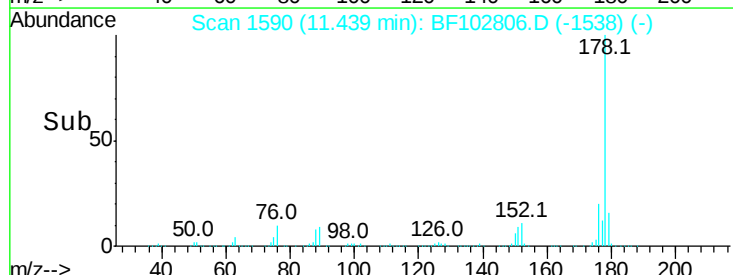


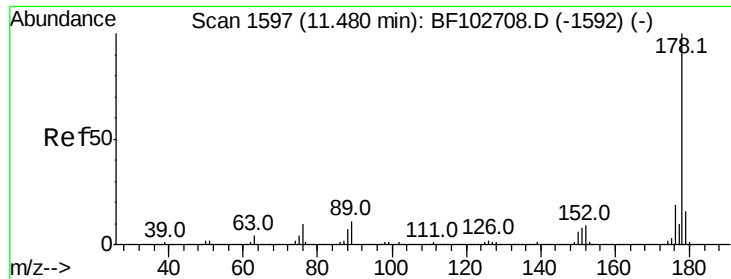
#70
 Phenanthrene
 Concen: 35.168 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion:178 Resp: 1648274
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.9 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

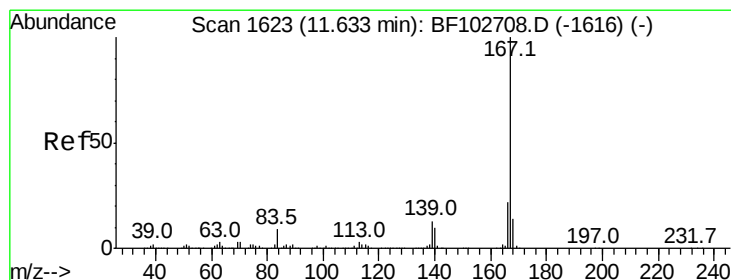
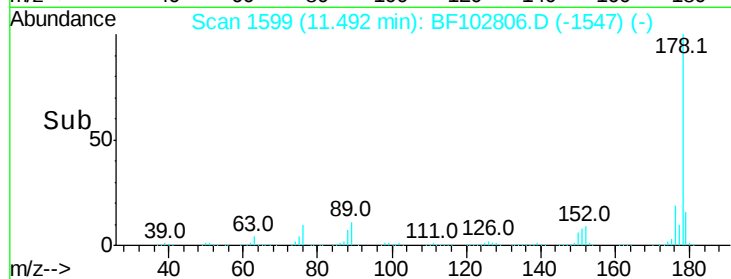
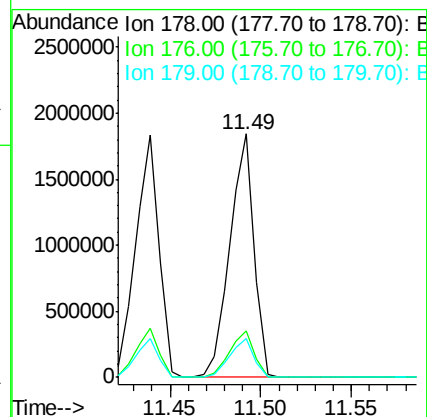
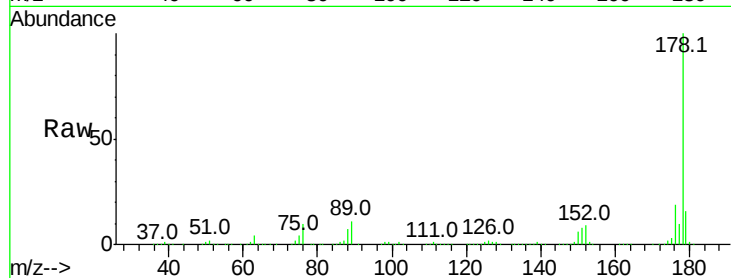




#71
 Anthracene
 Concen: 35.806 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

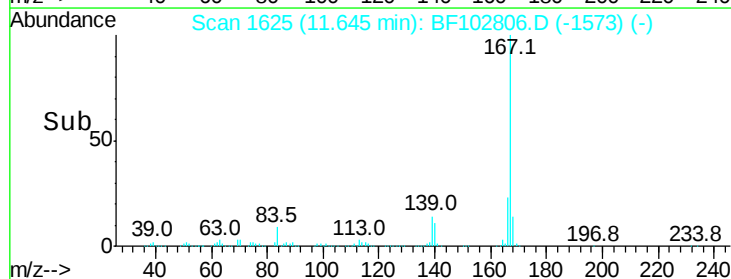
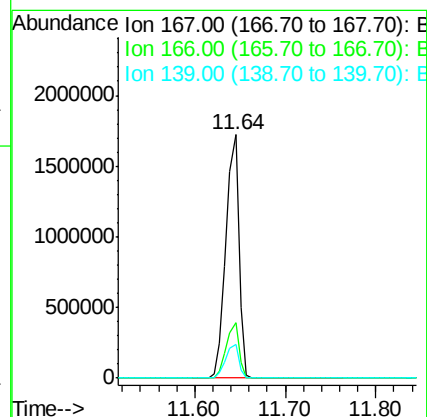
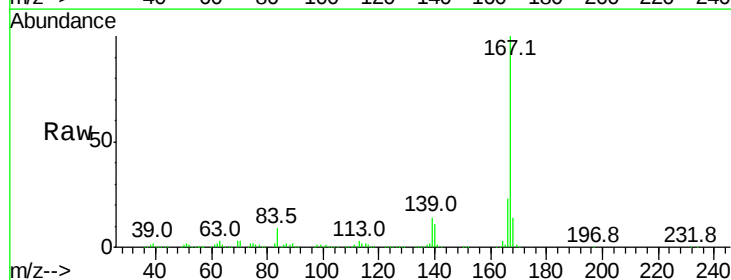
Instrument :
 BNA_F
 ClientSampleId :

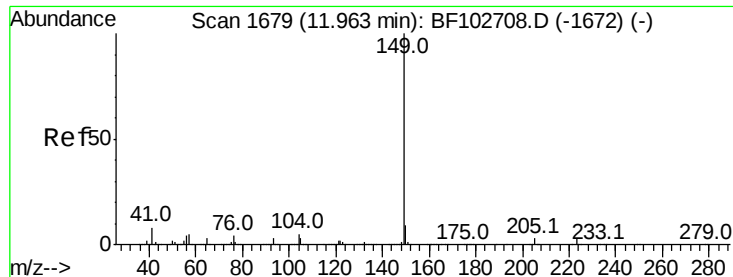
Tot Ion:178 Resp: 1706822
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 36.457 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion:167 Resp: 1702574
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.9 10.9 16.3

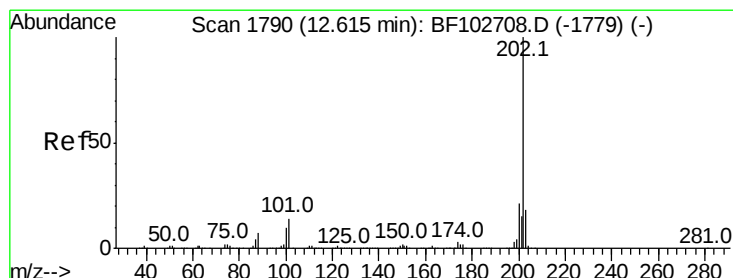
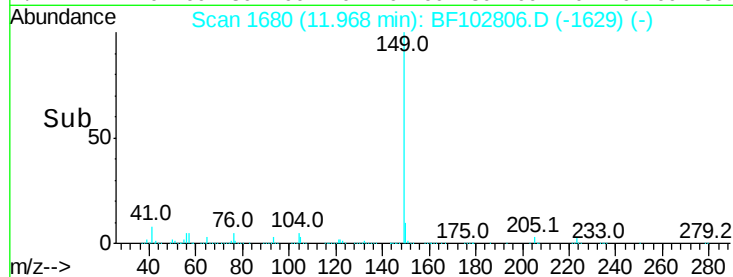
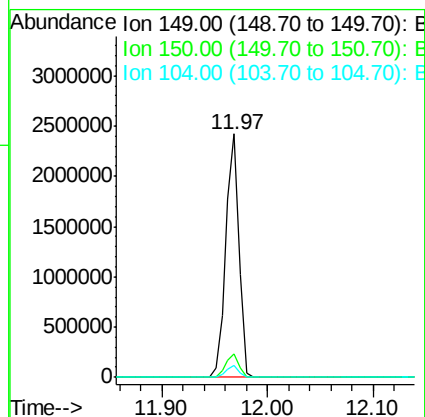
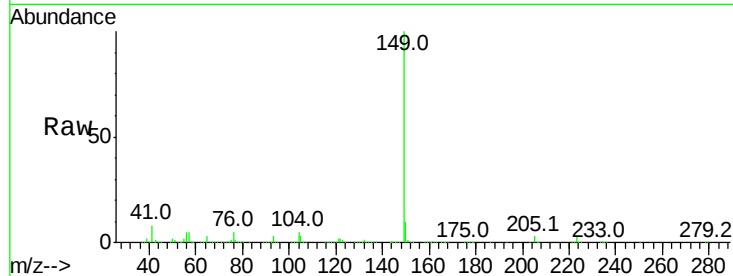




#73
Di-n-butylphthalate
Concen: 37.198 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

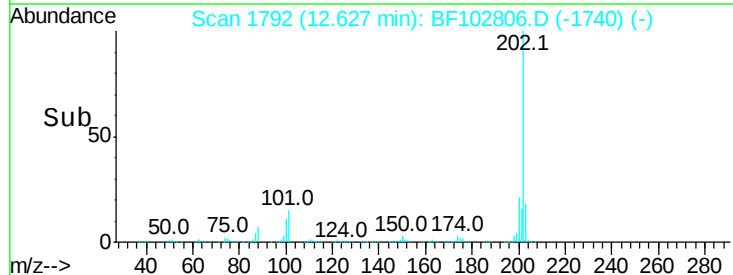
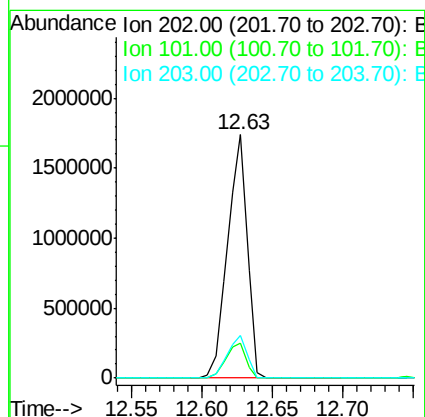
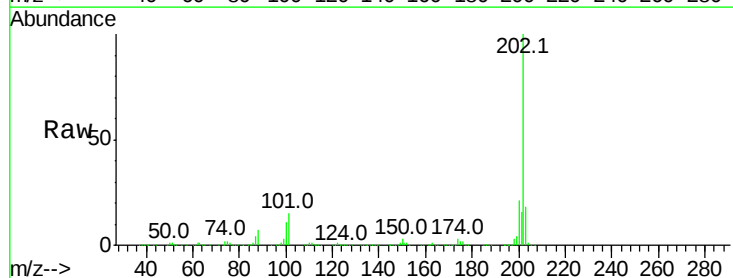
Instrument :
BNA_F
ClientSampleId :

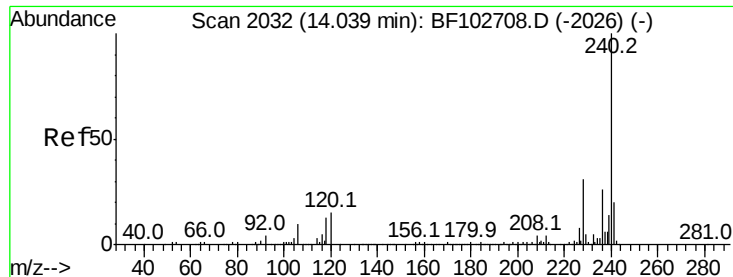
Tot Ion:149 Resp: 2110228
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 35.568 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:202 Resp: 1677176
Ion Ratio Lower Upper
202 100
101 14.5 0.0 34.1
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

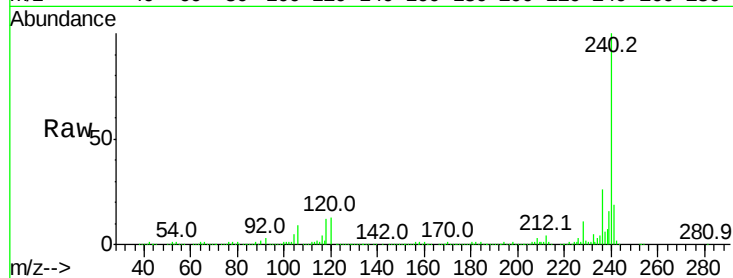
Tot Ion:240 Resp: 591046

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

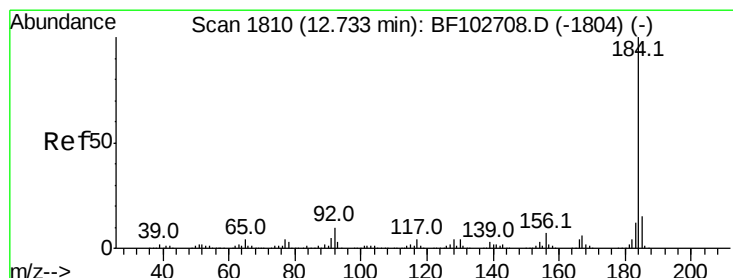
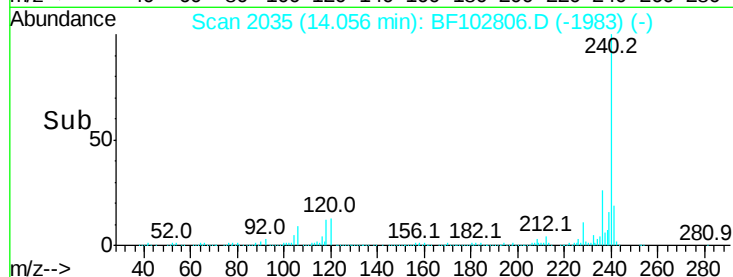
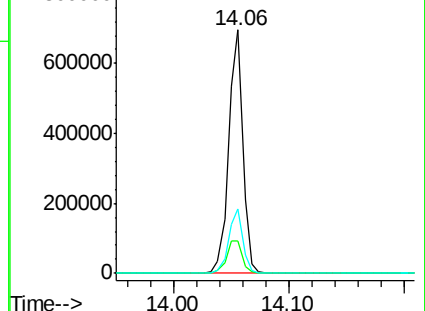
236 26.5 20.7 31.1



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: 33.524 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

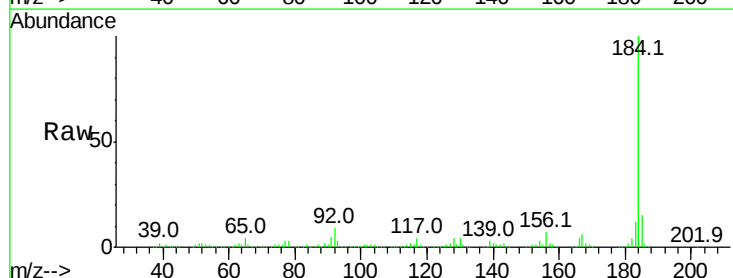
Tgt Ion:184 Resp: 910668

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

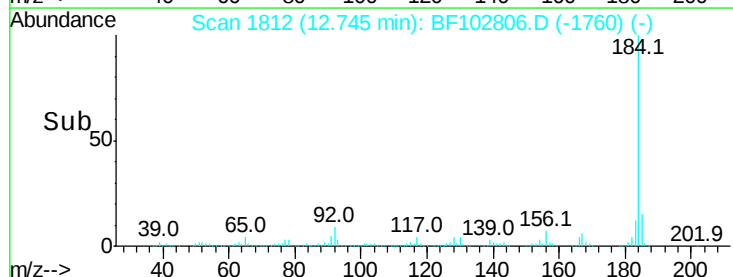
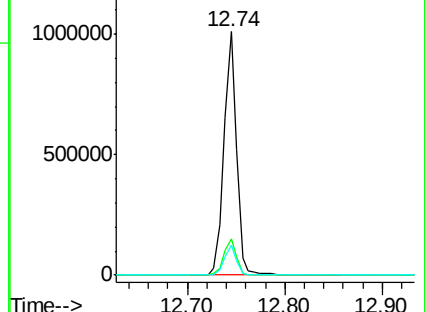
183 12.4 9.3 13.9

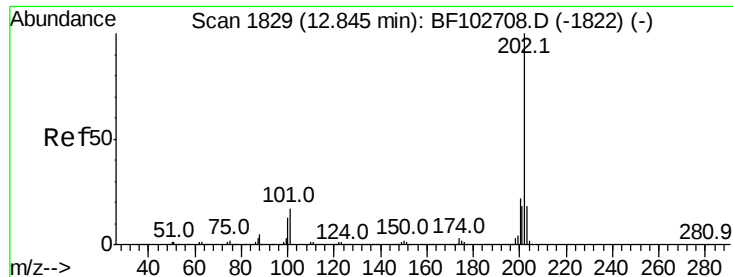


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.607 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

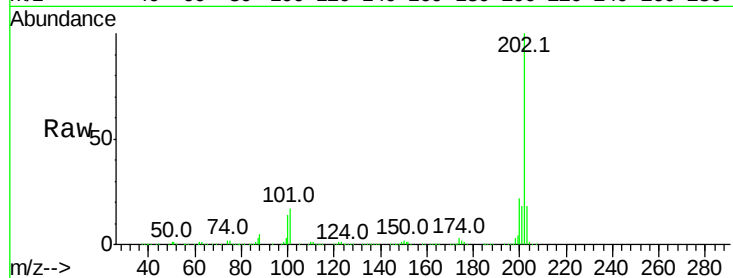
Tot Ion:202 Resp: 1743002

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

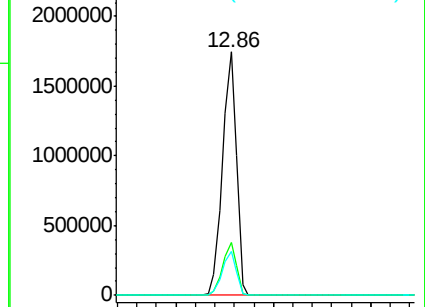
203 18.0 14.3 21.5



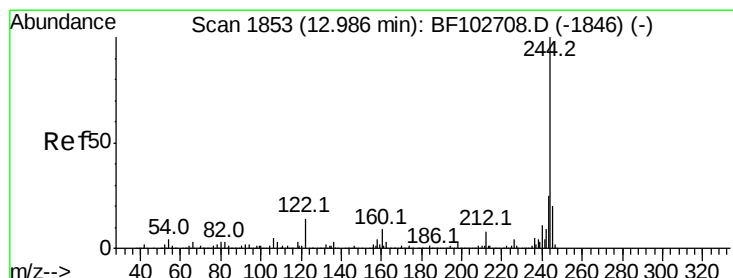
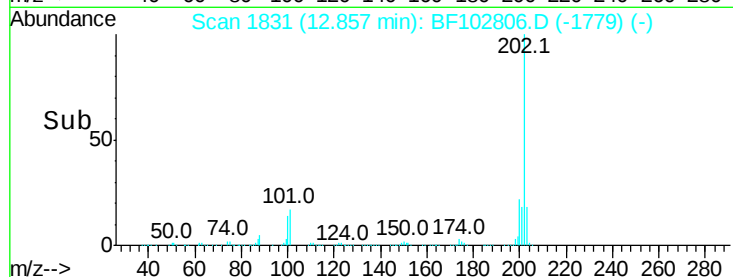
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 71.401 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

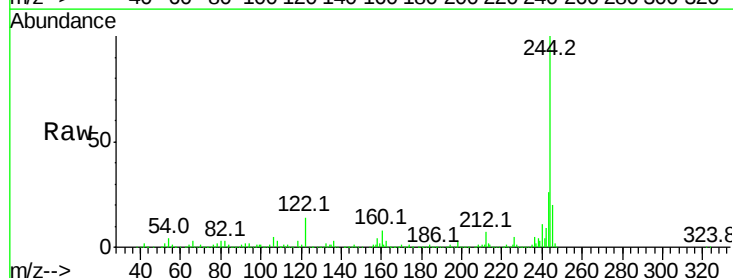
Tgt Ion:244 Resp: 1782330

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

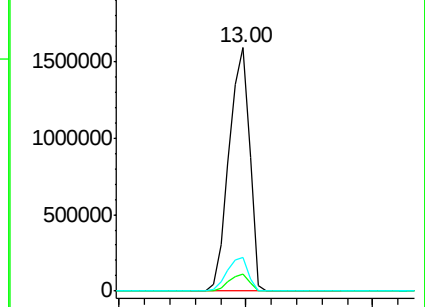
122 13.7 11.0 16.4



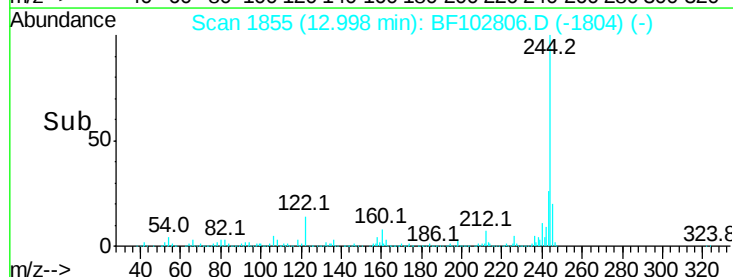
Abundance Ion 244.00 (243.70 to 244.70): E

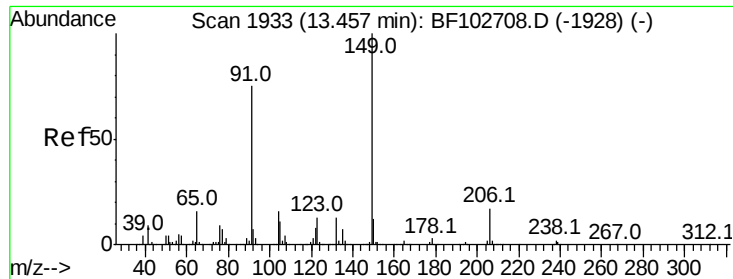
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

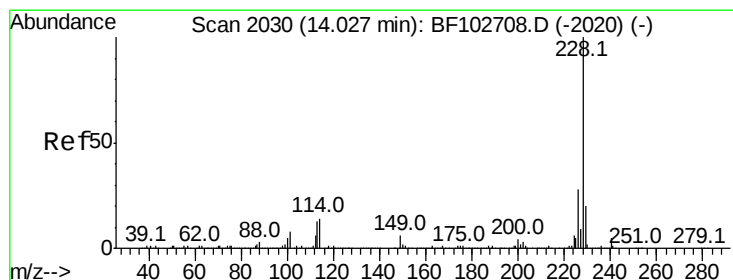
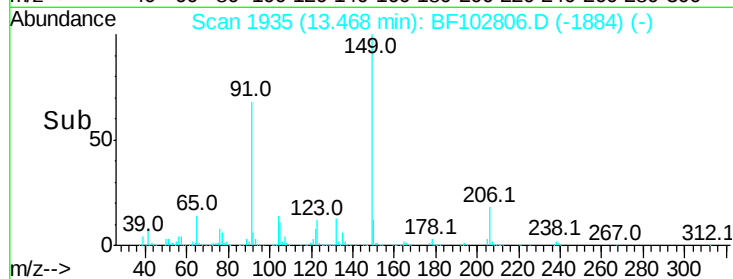
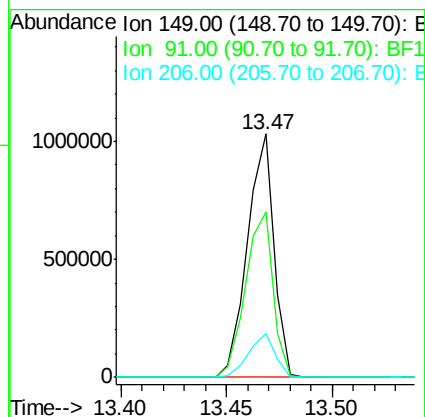
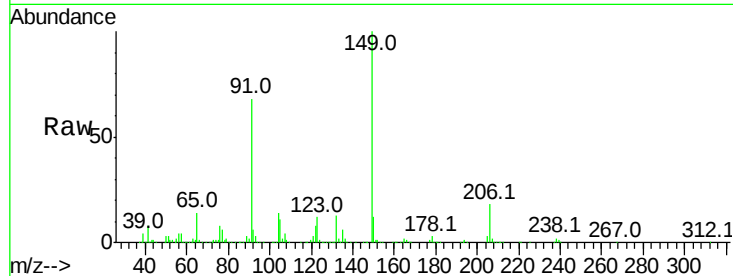




#79
Butylbenzylphthalate
Concen: 40.817 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

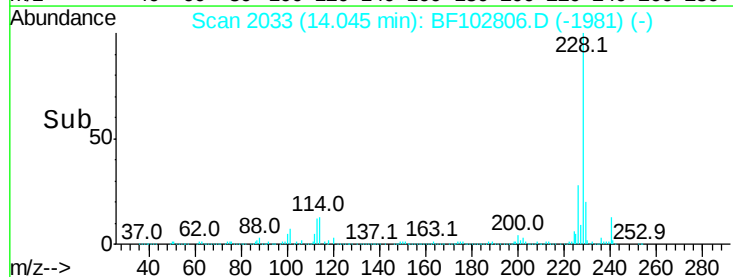
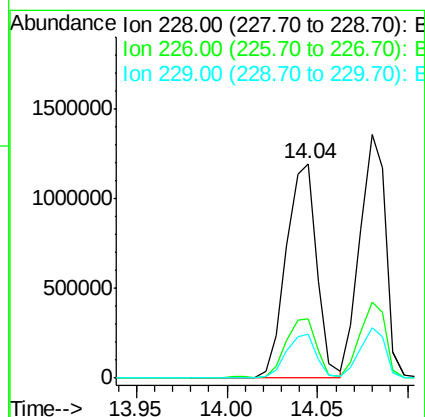
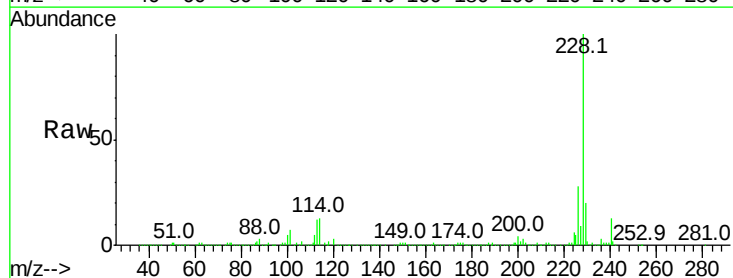
Instrument :
BNA_F
ClientSampleId :

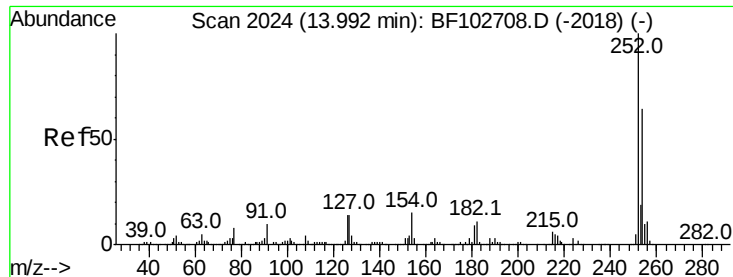
Tot Ion:149 Resp: 901425
Ion Ratio Lower Upper
149 100
91 68.0 56.8 85.2
206 18.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.121 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:228 Resp: 1417015
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.3 15.8 23.6

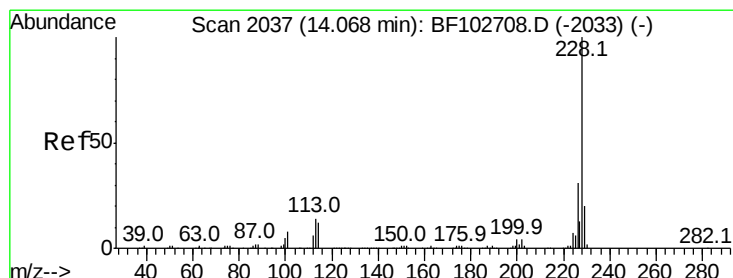
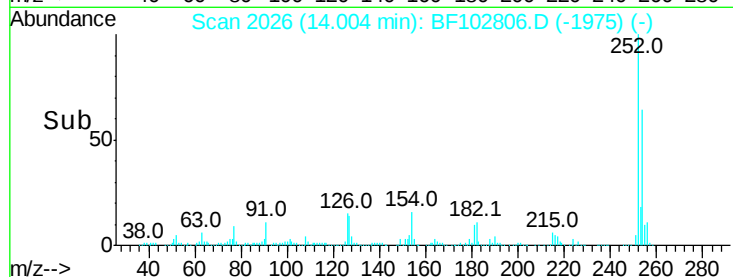
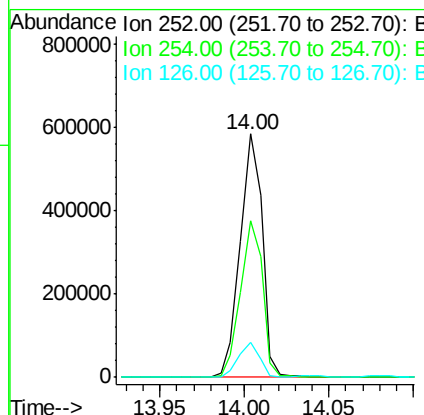
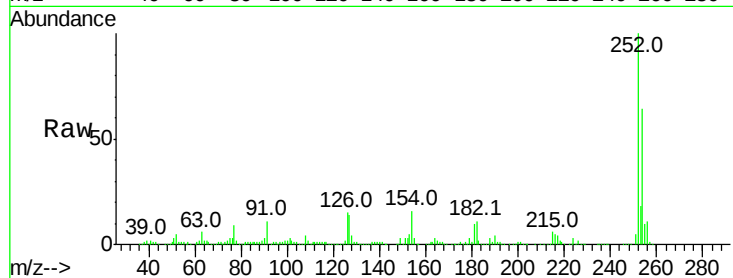




#81
 3,3'-Dichlorobenzidine
 Concen: 38.804 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

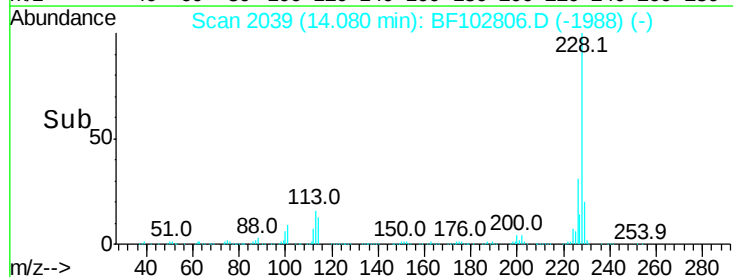
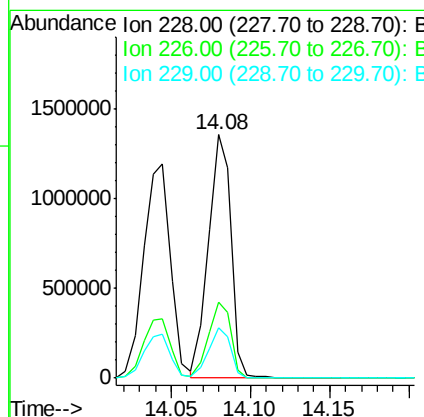
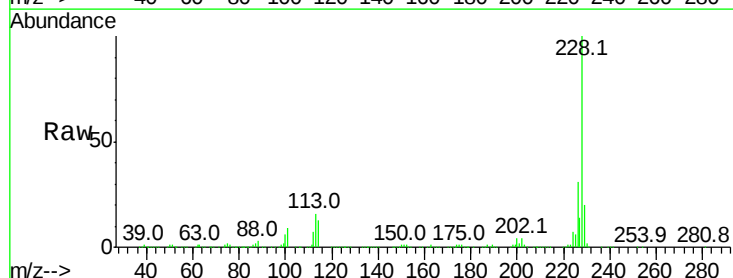
Instrument :
 BNA_F
 ClientSampleId :

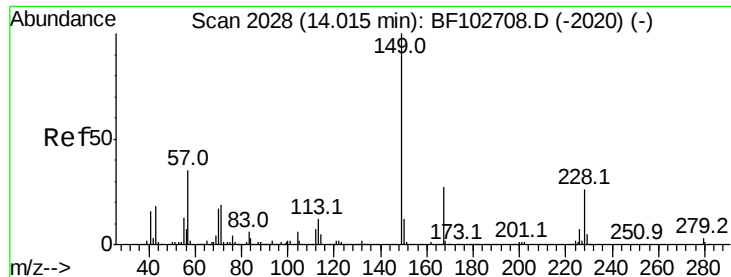
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	14.5	11.3	16.9



#82
 Chrysene
 Concen: 36.249 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.5	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.804 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

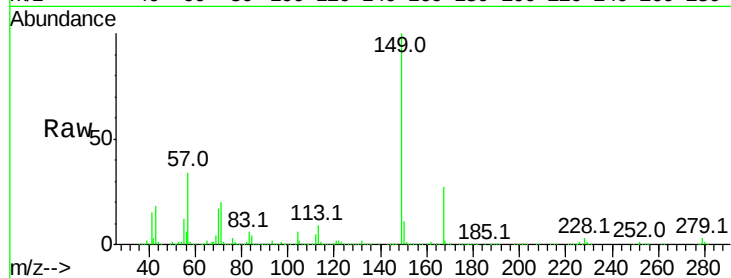
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1186900

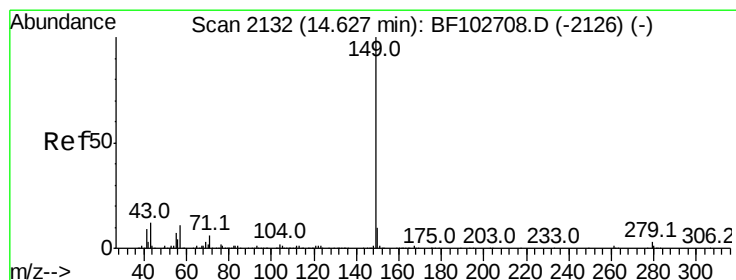
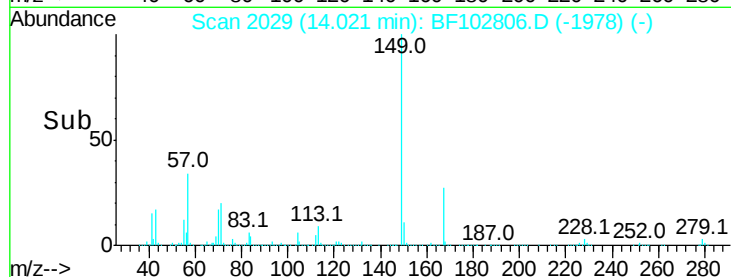
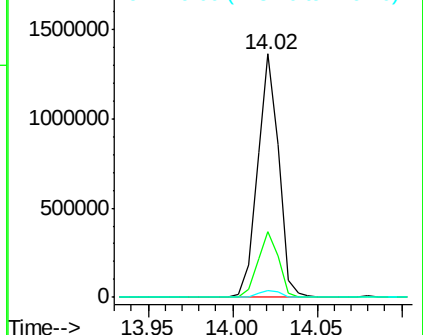
Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.0	3.0	4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.294 ng

RT: 14.63 min Scan# 2133

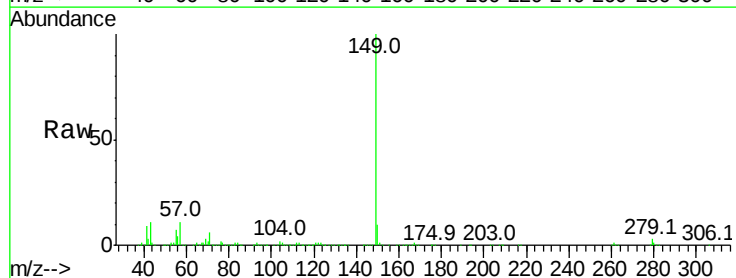
Delta R.T. -0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Tgt Ion:149 Resp: 1845647

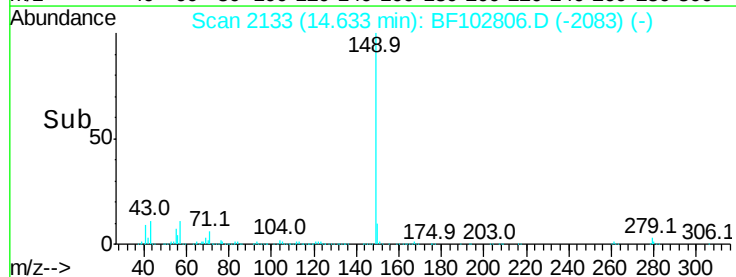
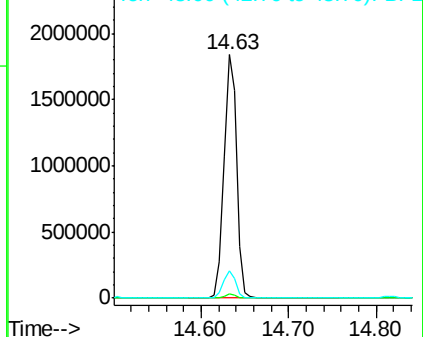
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.2	8.4	12.6

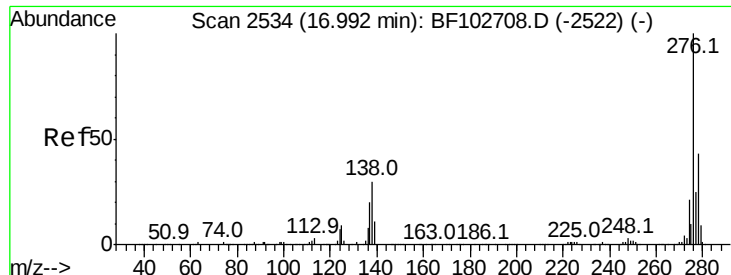


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



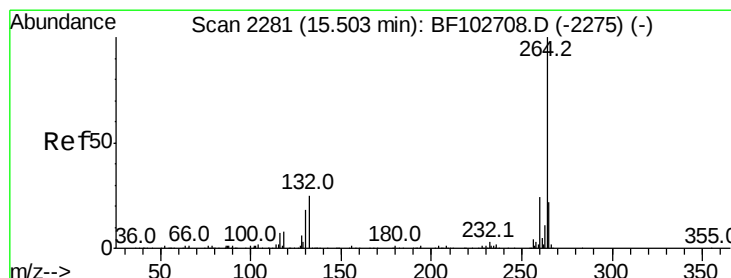
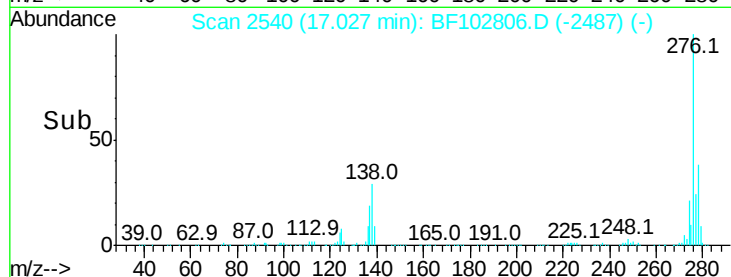
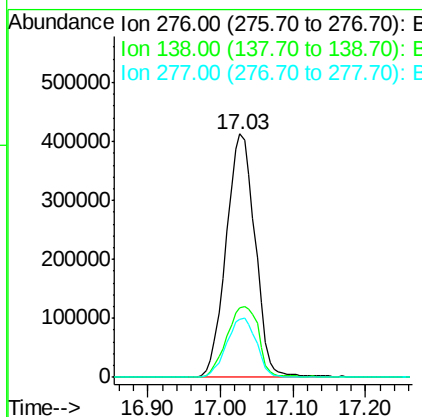
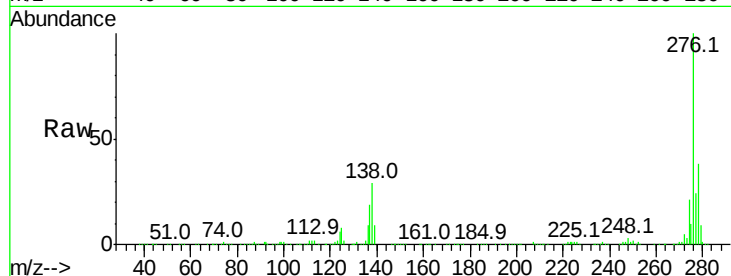


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.989 ng
 RT: 17.03 min Scan# 2540
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1149530

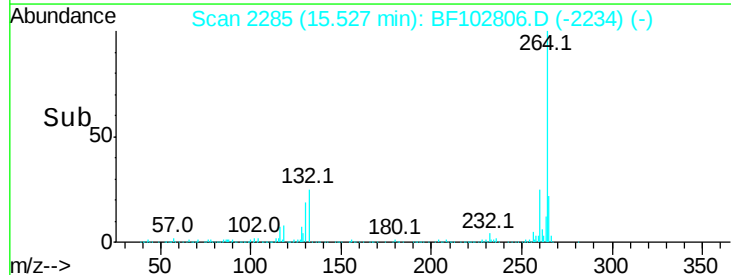
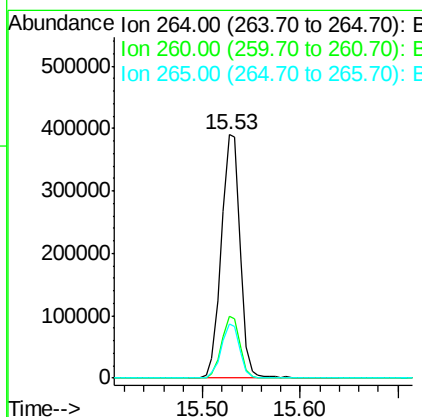
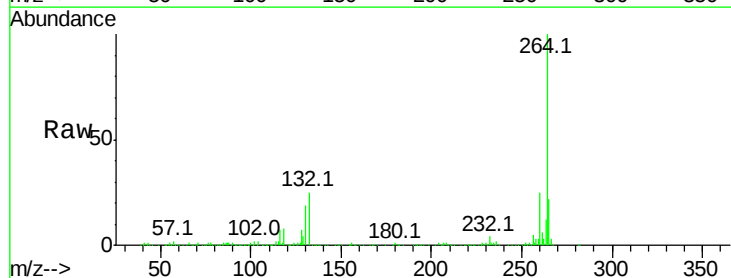
Ion	Ratio	Lower	Upper
276	100		
138	32.1	25.0	37.6
277	25.1	20.1	30.1

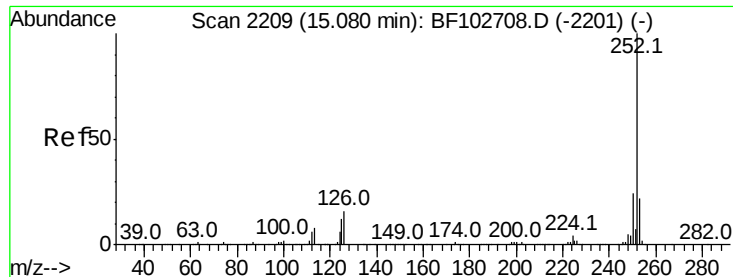


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion:264 Resp: 520684

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	22.1	17.5	26.3

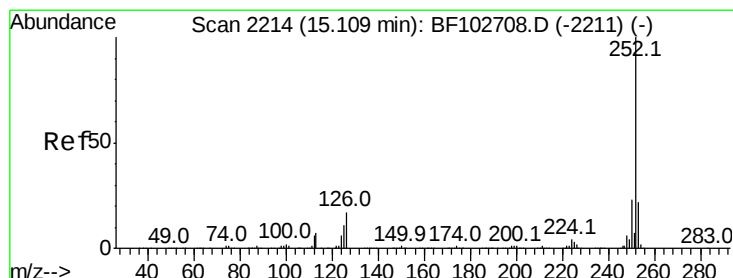
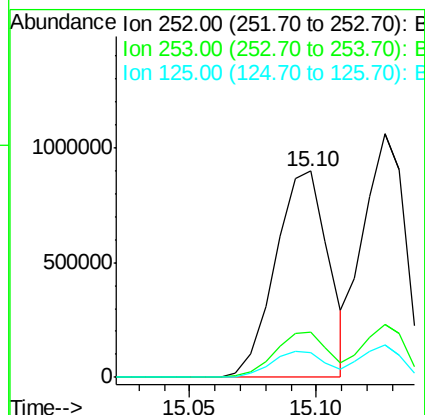
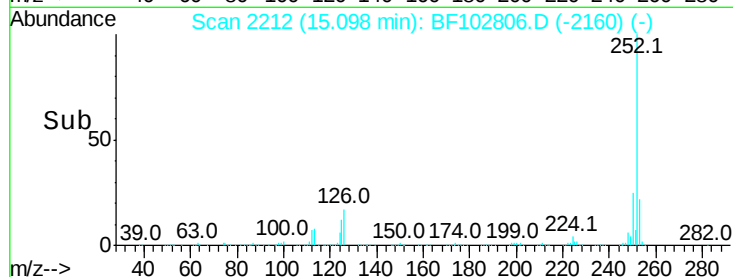
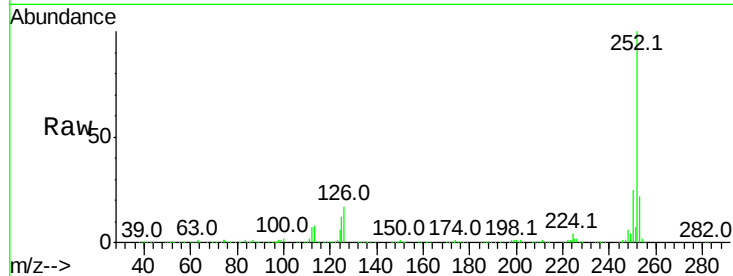




#87
Benzo(b)fluoranthene
Concen: 38.729 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

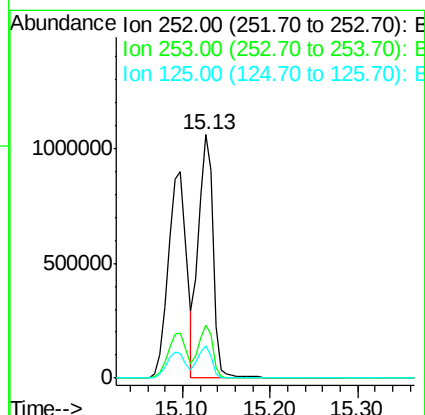
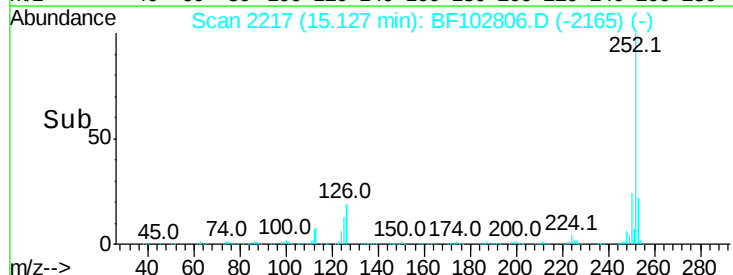
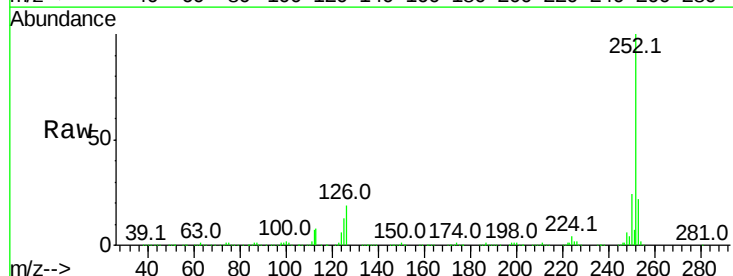
Instrument :
BNA_F
ClientSampleId :

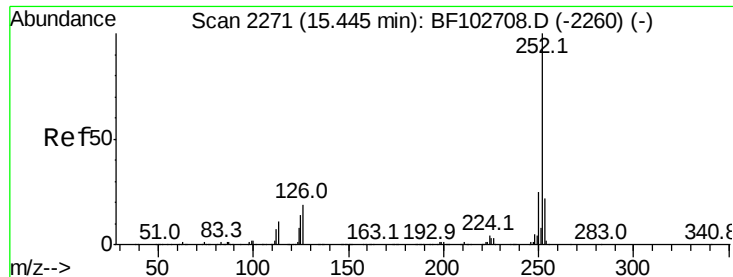
Tot Ion:252 Resp: 1307392
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.593 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:252 Resp: 1244838
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 13.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.438 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

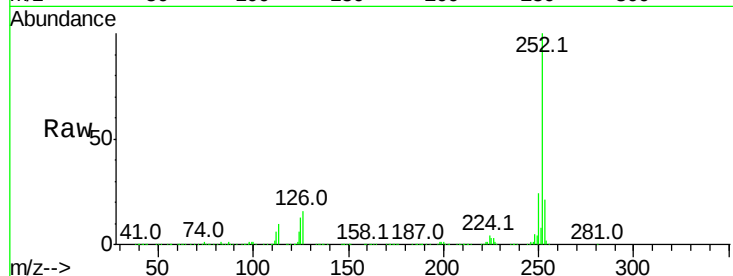
Tot Ion:252 Resp: 1167972

Ion Ratio Lower Upper

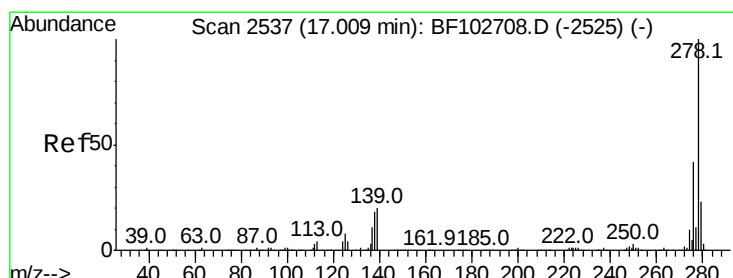
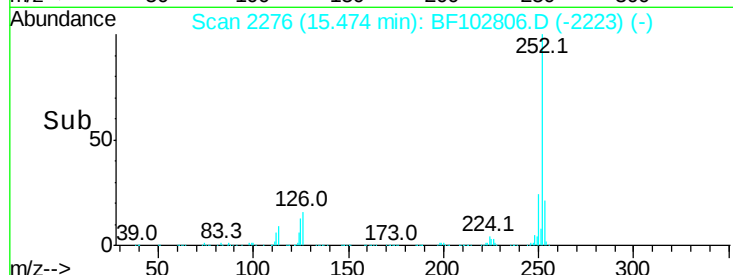
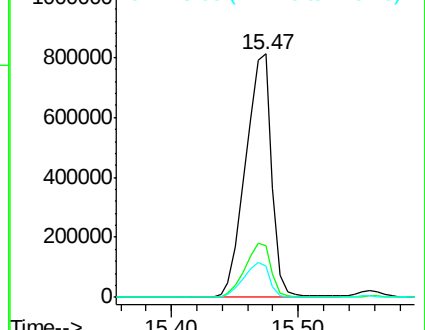
252 100

253 21.4 17.1 25.7

125 12.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.509 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

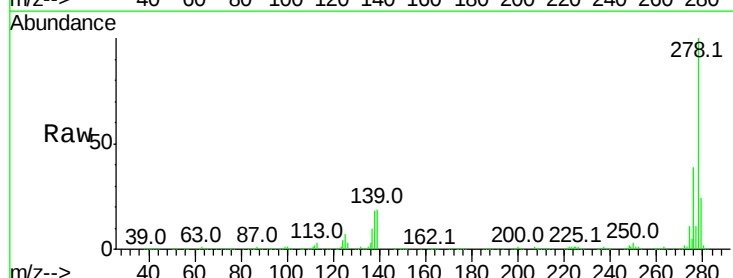
Tgt Ion:278 Resp: 949773

Ion Ratio Lower Upper

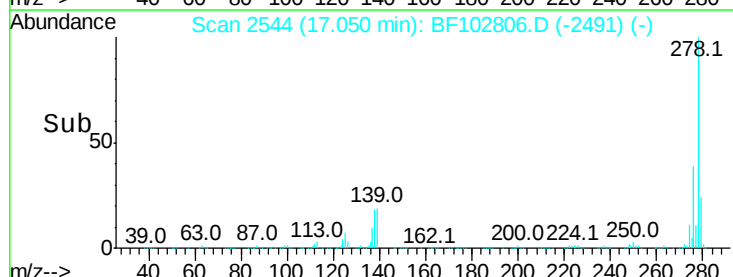
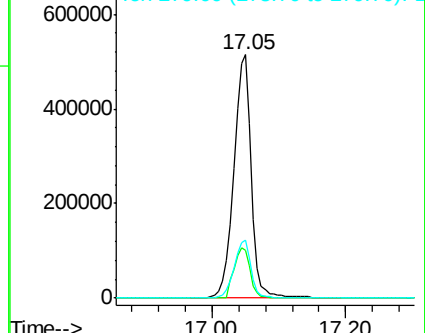
278 100

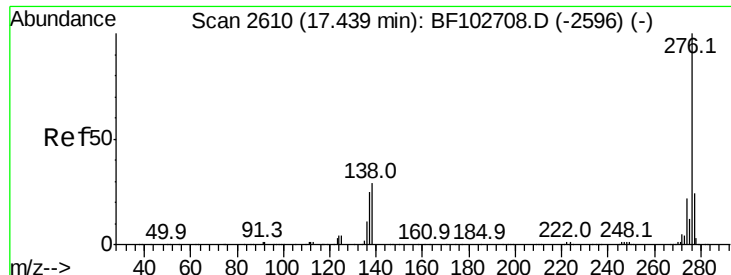
139 19.4 15.9 23.9

279 23.7 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(a,h,i)perylene

Concen: 39.330 ng

RT: 17.49 min Scan# 2618

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

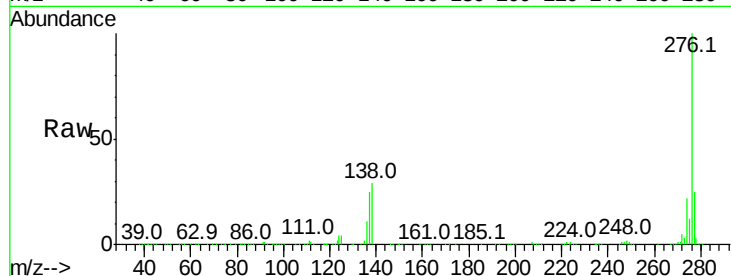
Tot Ion:276 Resp: 949433

Ion Ratio Lower Upper

276 100

277 24.7 17.9 26.9

138 28.8 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

