

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102101.D
 Acq On : 16 Jan 2018 11:33
 Operator : SJ/JU
 Sample : J1117-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 23:30:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	133639	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	236277	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	154488	20.00	ng	0.02
63) Phenanthrene-d10	11.27	188	216213	20.00	ng	0.02
75) Chrysene-d12	13.91	240	164846	20.00	ng	0.03
86) Perylene-d12	15.34	264	151277	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	863514	91.24	ng	0.00
7) Phenol-d6	6.36	99	1034078	91.58	ng	0.00
23) Nitrobenzene-d5	7.29	82	605274	150.54	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	114775	85.13	ng	0.02
44) 2-Fluorobiphenyl	9.10	172	765097	77.37	ng	0.00
78) Terphenyl-d14	12.86	244	461332	58.11	ng	0.02

Target Compounds

						Qvalue
10) Phenol	6.37	94	31488	2.468	ng	88
18) Hexachloroethane	7.22	117	7836	2.038	ng	# 1
19) n-Nitroso-di-n-propylamine	7.15	70	47771	6.456	ng	# 68
22) Acetophenone	7.12	105	332709	58.443	ng	# 47
24) Nitrobenzene	7.30	77	22369	5.177	ng	# 57
25) Isophorone	7.54	82	143587	18.073	ng	# 1
26) 2-Nitrophenol	7.63	139	22726	12.567	ng	# 1
29) 2,4-Dichlorophenol	7.85	162	25624	7.990	ng	# 20
31) Naphthalene	8.03	128	81985	6.944	ng	# 61
32) Benzoic acid	7.80	122	20077	7.840	ng	# 28
35) Caprolactam	8.46	113	199550	181.262	ng	# 58
36) 4-Chloro-3-methylphenol	8.55	107	21400	6.096	ng	# 29
37) 2-Methylnaphthalene	8.74	142	643052	82.735	ng	97
42) 2,4,6-Trichlorophenol	9.02	196	9590	3.184	ng	# 13
45) 1,1'-Biphenyl	9.20	154	341740	25.027	ng	97
46) 2-Chloronaphthalene	9.27	162	33440	3.158	ng	# 40
47) 2-Nitroaniline	9.17	65	26425	8.331	ng	82
48) Acenaphthylene	9.65	152	58895	3.505	ng	# 1
49) Dimethylnaphthalate	9.49	163	108676	8.769	ng	# 78
50) 2,6-Dinitrotoluene	9.56	165	19745	7.976	ng	# 70
51) Acenaphthene	9.82	154	45118	4.423	ng	# 43
53) 2,4-Dinitrophenol	9.86	184	1277	9.862	ng	# 1
54) Dibenzofuran	9.99	168	93262	6.662	ng	# 1
55) 4-Nitrophenol	9.90	139	90754	38.978	ng	# 47
56) 2,4-Dinitrotoluene	9.97	165	20765	6.692	ng	# 61
57) Fluorene	10.33	166	209381	21.637	ng	# 75
59) Diethylphthalate	10.18	149	45056	3.655	ng	# 5
61) 4-Nitroaniline	10.26	138	11762	3.967	ng	92
62) Azobenzene	10.49	77	34179	2.787	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.40	198	3223	8.083	ng	# 1
65) n-Nitrosodiphenylamine	10.45	169	295392	36.485	ng	# 44
68) Atrazine	10.97	200	6417	2.743	ng	# 1
70) Phenanthrene	11.30	178	689939	54.628	ng	97
71) Anthracene	11.30	178	689939	53.864	ng	96

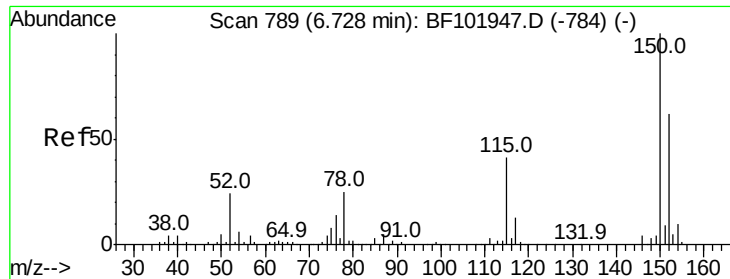
Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Fluoranthene	12.49	202	69761	5.614	nq	68
77) Pyrene	12.72	202	282933	19.417	nq	# 94
79) Butylbenzylphthalate	13.47	149	20306	3.037	nq	# 2
80) Benzo(a)anthracene	13.90	228	61286	5.827	nq	# 36
82) Chrysene	13.93	228	131159	11.959	nq	# 72
87) Benzo(b)fluoranthene	14.93	252	33506	3.397	nq	# 1
88) Benzo(k)fluoranthene	14.93	252	33506	3.521	nq	# 1
89) Benzo(a)pyrene	15.28	252	28149	3.171	nq	# 1
91) Benzo(a,h,i)perylene	17.15	276	18960	2.657	nq	# 28

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

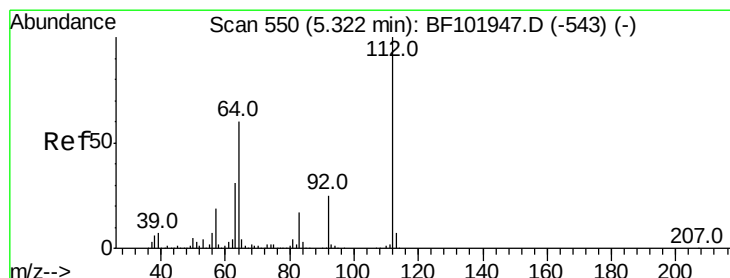
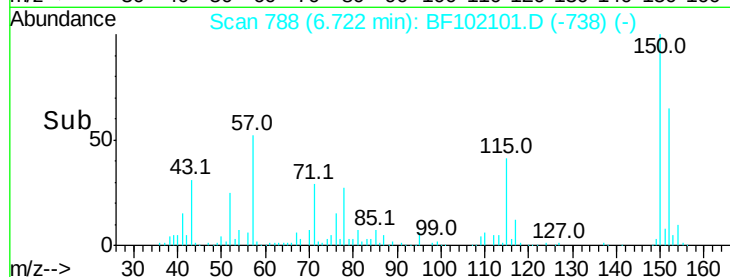
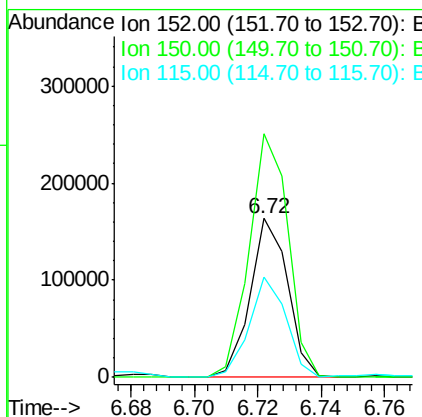
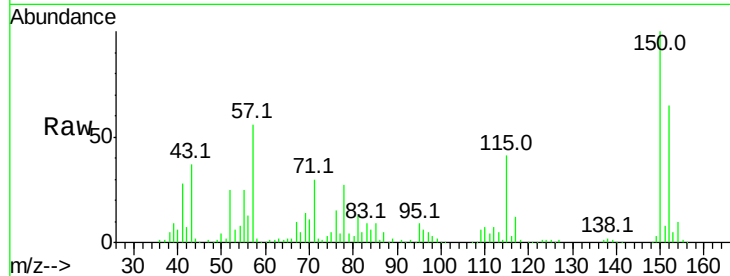


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF102101.D
 Acq: 16 Jan 2018 11:33

Instrument :
 BNA_F
 ClientSampleId :

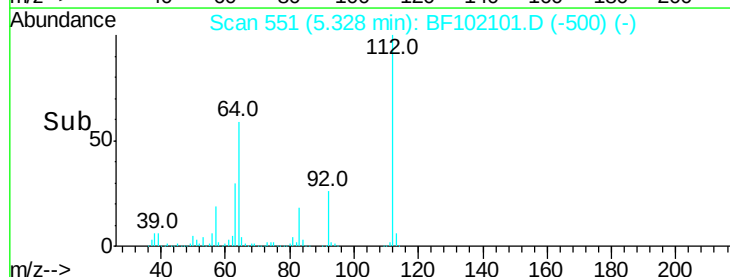
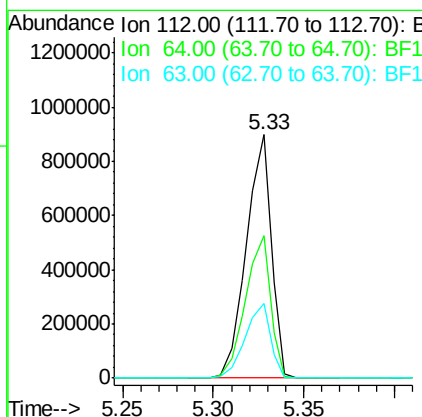
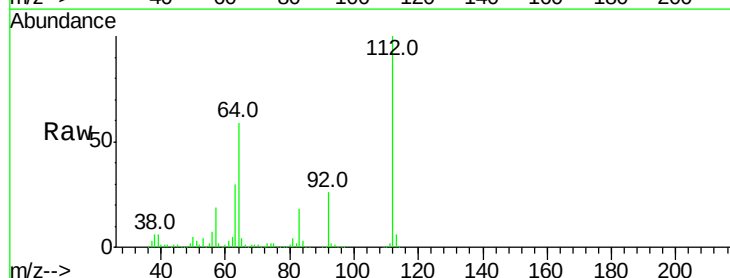
Tot Ion:152 Resp: 133639
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.6 186.8
 115 62.9 50.1 75.1

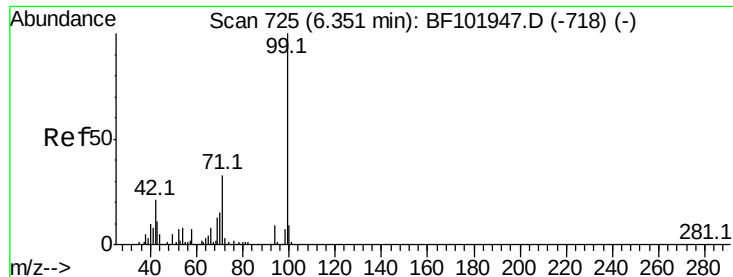


#5

2-Fluorophenol
 Concen: 91.242 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF102101.D
 Acq: 16 Jan 2018 11:33

Tgt Ion:112 Resp: 863514
 Ion Ratio Lower Upper
 112 100
 64 58.8 47.9 71.9
 63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 91.580 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

Instrument :

BNA_F

ClientSampleId :

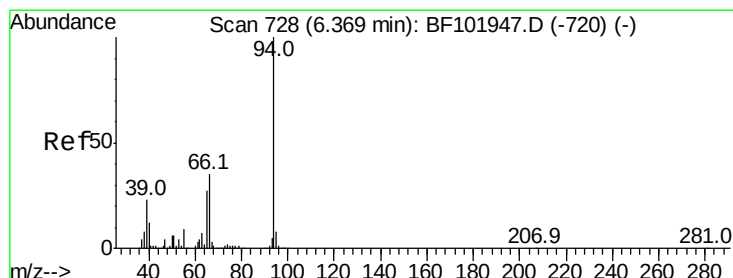
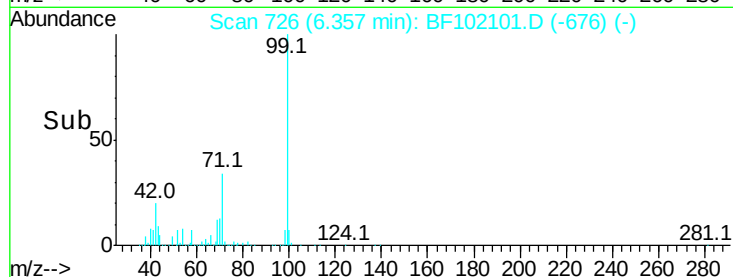
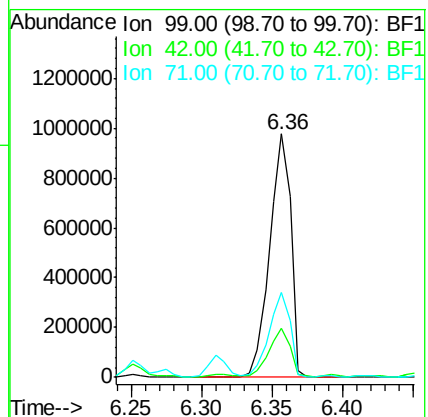
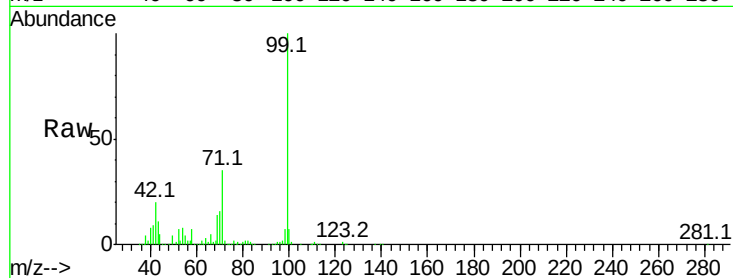
Tot Ion: 99 Resp: 1034078

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 34.7 25.4 38.0



#10

Phenol

Concen: 2.468 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

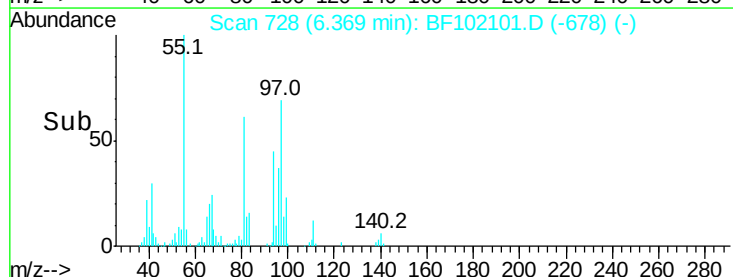
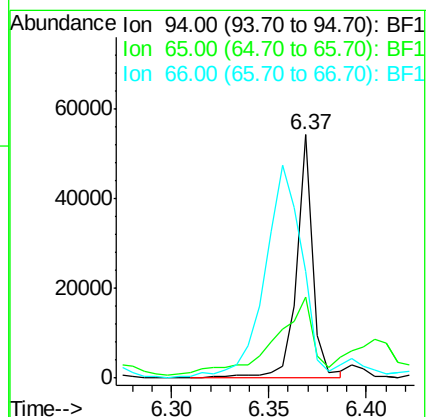
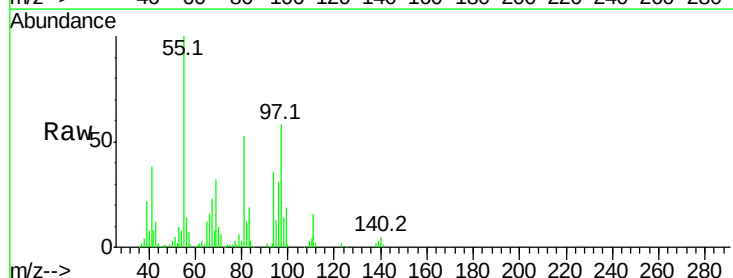
Tgt Ion: 94 Resp: 31488

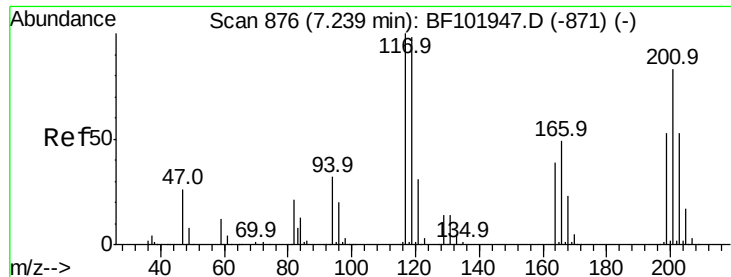
Ion Ratio Lower Upper

94 100

65 33.1 7.9 47.9

66 43.9 16.2 56.2





#18

Hexachloroethane

Concen: 2.038 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.02 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

Instrument :

BNA_F

ClientSampleId :

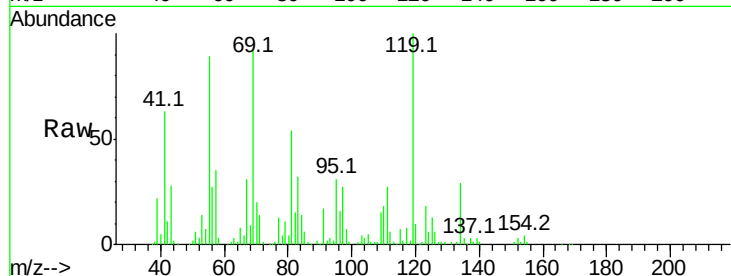
Tot Ion:117 Resp: 7836

Ion Ratio Lower Upper

117 100

119 1268.2 75.8 113.8#

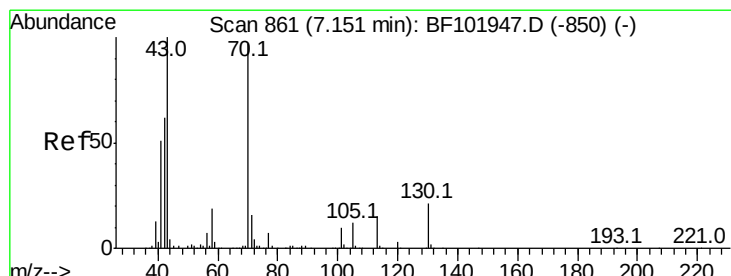
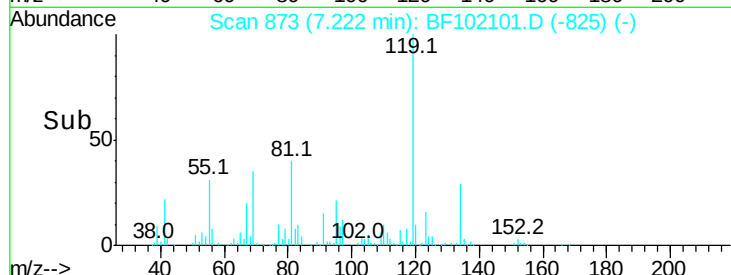
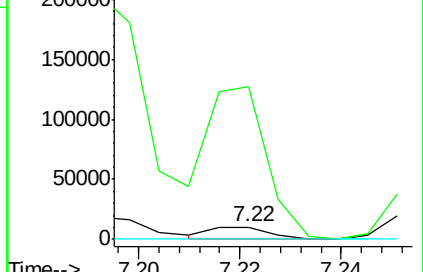
201 0.0 75.7 113.5#



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: 6.456 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

Tgt Ion: 70 Resp: 47771

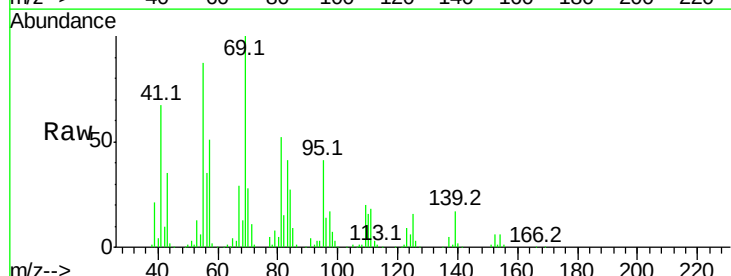
Ion Ratio Lower Upper

70 100

42 37.4 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

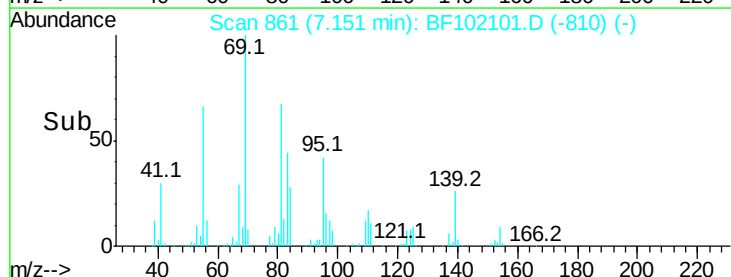
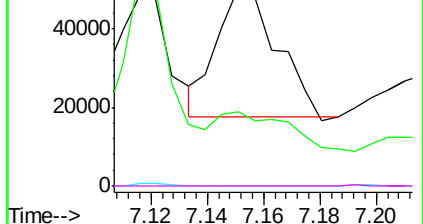


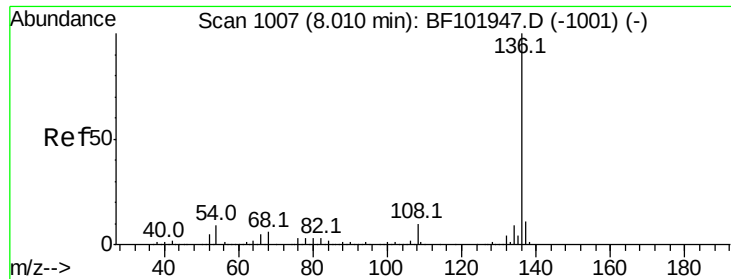
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 236277

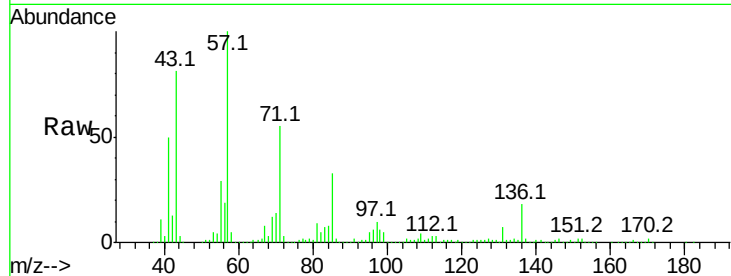
Ion Ratio Lower Upper

136 100

137 13.4 8.9 13.3#

54 24.2 6.6 9.8#

68 18.3 5.0 7.4#



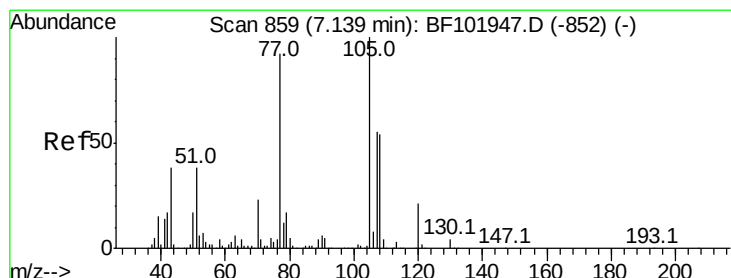
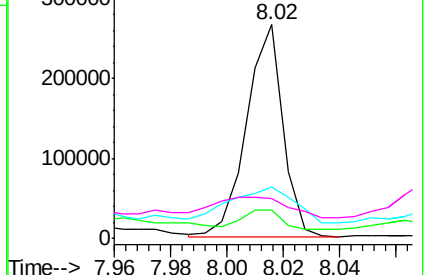
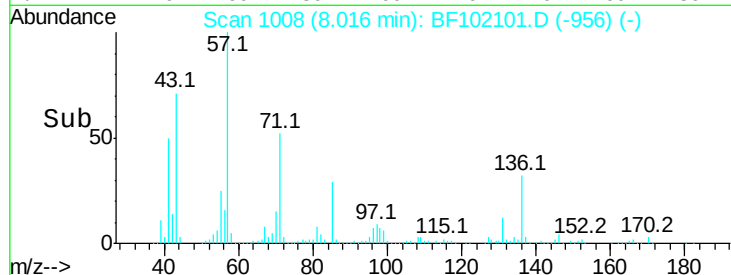
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time--> 7.96 7.98 8.00 8.02 8.04



#22

Acetophenone

Concen: 58.443 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

Tgt Ion:105 Resp: 332709

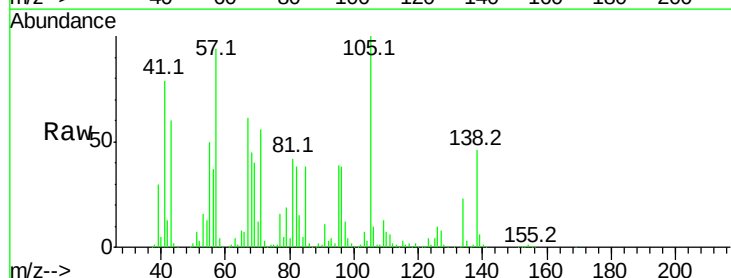
Ion Ratio Lower Upper

105 100

71 56.4 4.4 6.6#

51 6.9 22.3 33.5#

120 0.2 16.9 25.3#



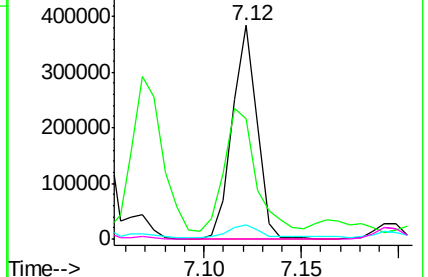
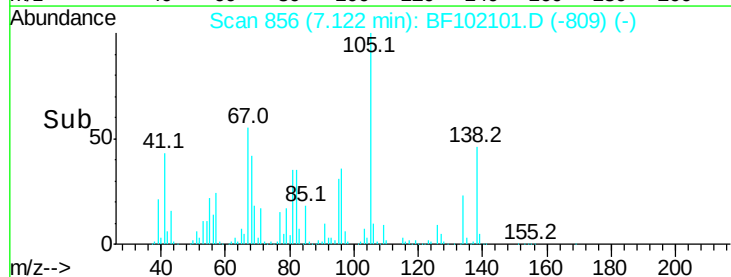
Abundance Ion 105.00 (104.70 to 105.70): E

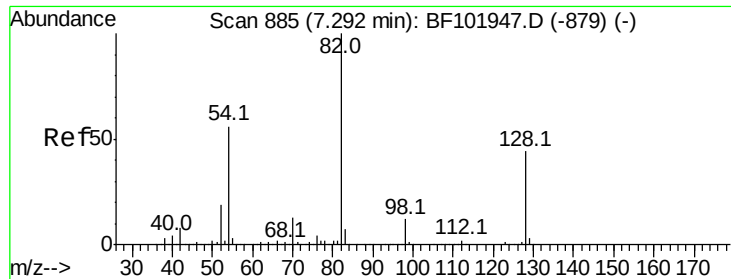
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

Time--> 7.10 7.15

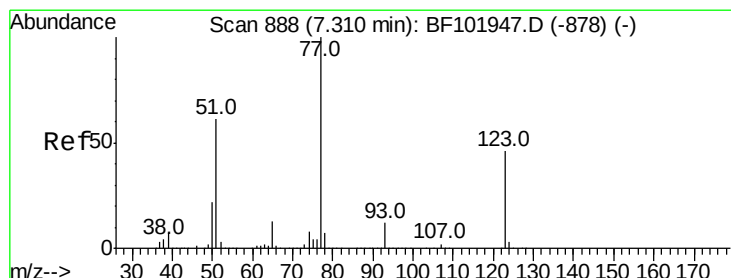
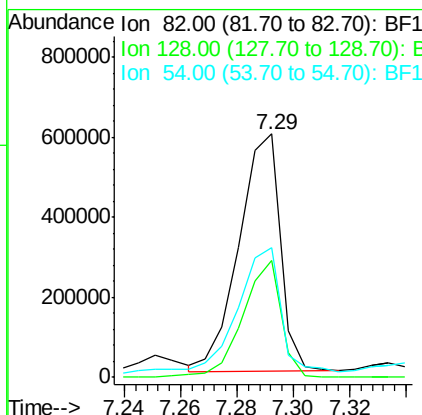
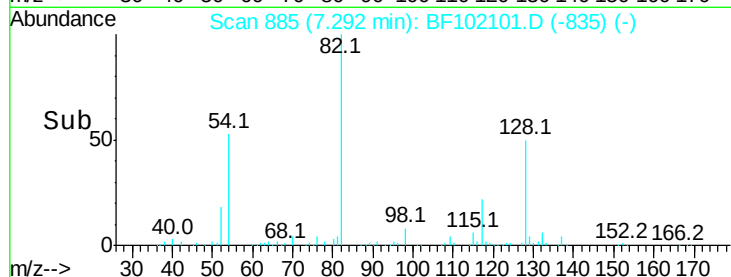
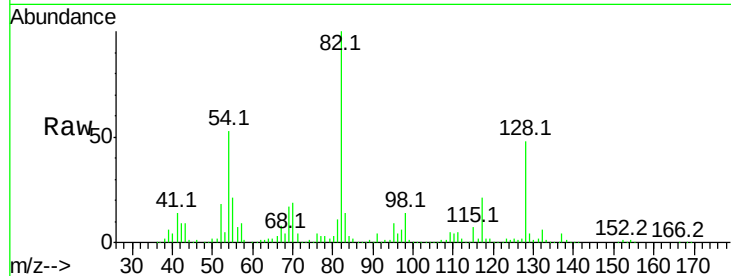




#23
 Nitrobenzene-d5
 Concen: 150.537 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF102101.D
 Acq: 16 Jan 2018 11:33

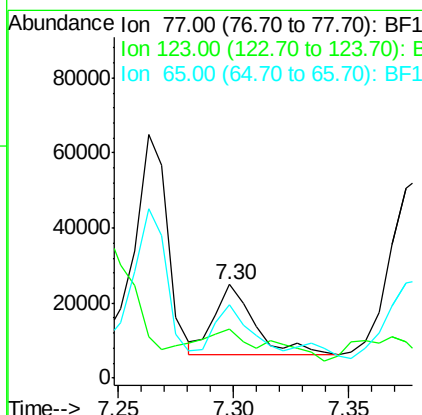
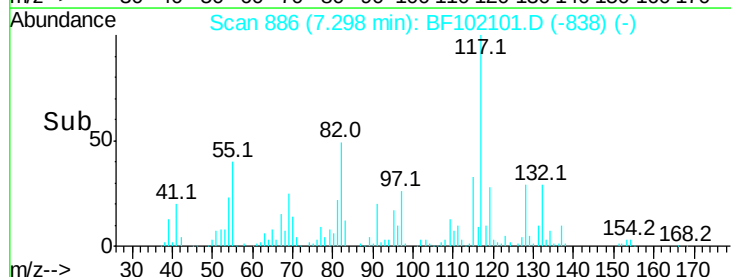
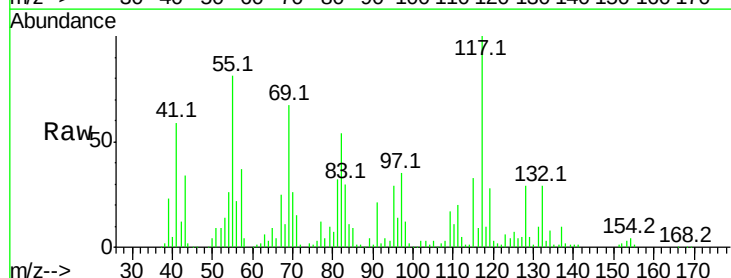
Instrument :
 BNA_F
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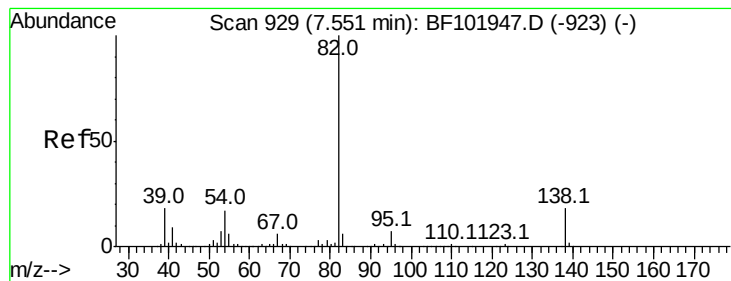
Tot Ion: 82 Resp: 605274
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.1 54.1
 54 53.3 41.4 62.2



#24
 Nitrobenzene
 Concen: 5.177 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF102101.D
 Acq: 16 Jan 2018 11:33

Tgt Ion: 77 Resp: 22369
 Ion Ratio Lower Upper
 77 100
 123 52.8 37.9 56.9
 65 79.1 11.0 16.4#





#25

Isophorone

Concen: 18.073 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

Instrument :

BNA_F

ClientSampleId :

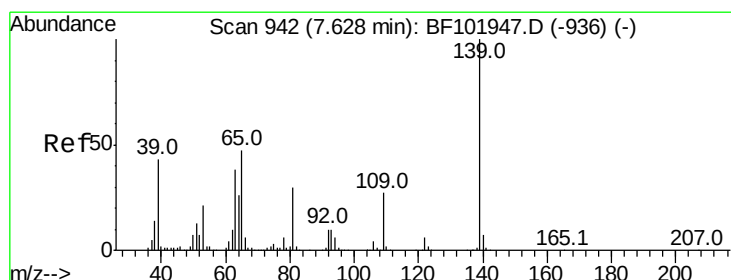
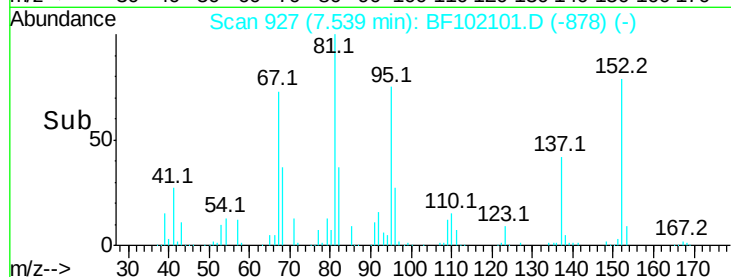
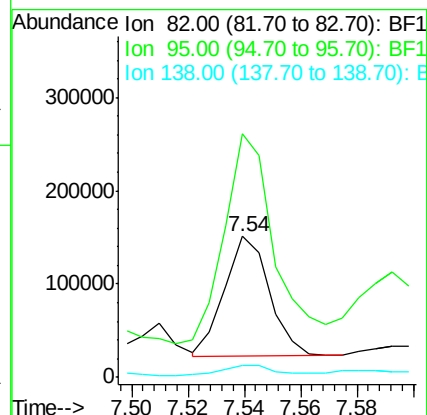
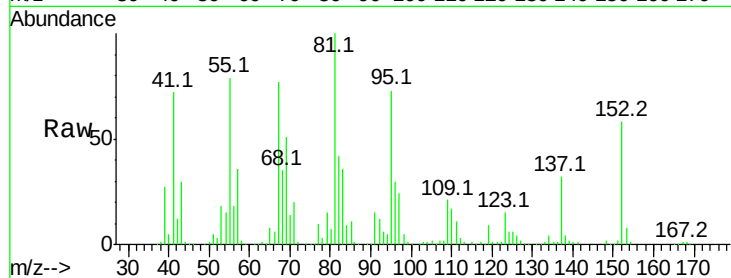
Tot Ion: 82 Resp: 143587

Ion Ratio Lower Upper

82 100

95 172.5 5.2 7.8#

138 8.9 14.9 22.3#



#26

2-Nitrophenol

Concen: 12.567 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

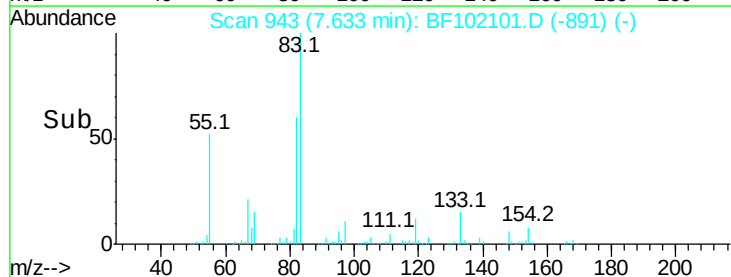
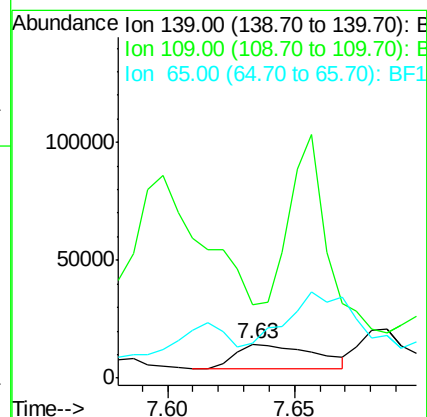
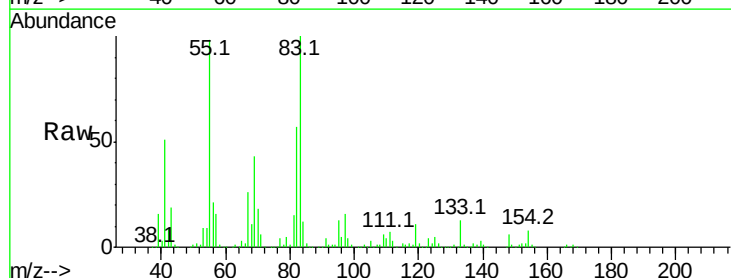
Tgt Ion: 139 Resp: 22726

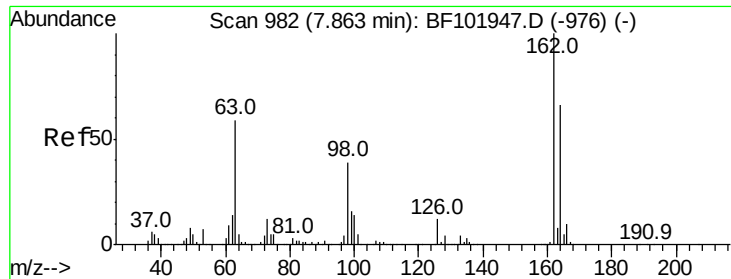
Ion Ratio Lower Upper

139 100

109 215.7 22.7 34.1#

65 102.6 40.5 60.7#





#29

2,4-Dichlorophenol

Concen: 7.990 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.02 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

Instrument :

BNA_F

ClientSampled :

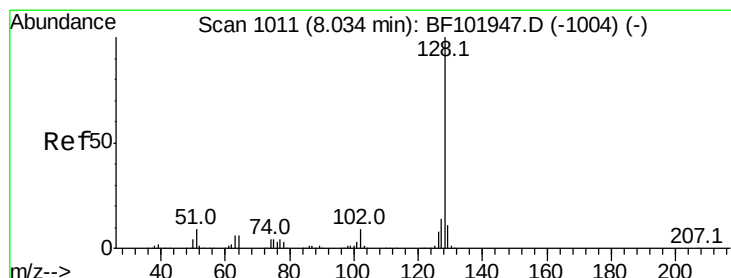
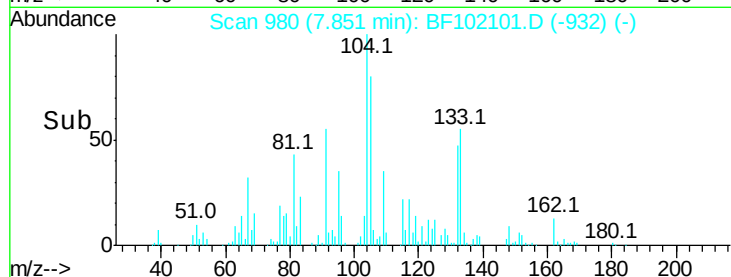
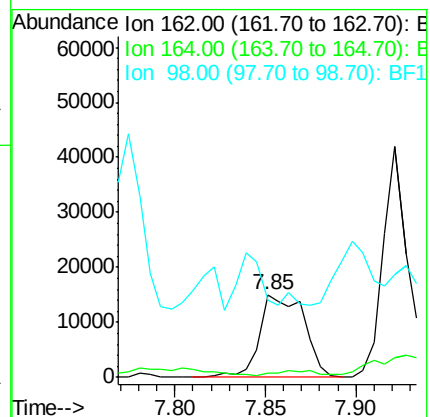
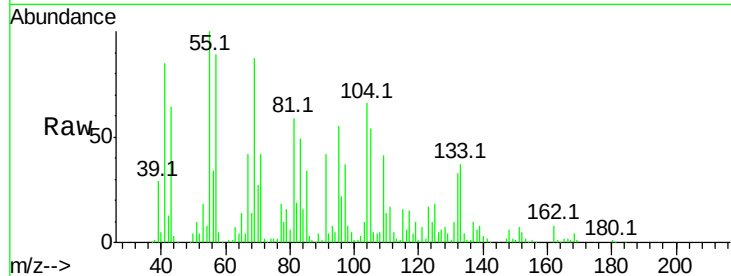
Tot Ion:162 Resp: 25624

Ion Ratio Lower Upper

162 100

164 5.2 42.7 82.7#

98 92.4 18.1 58.1#



#31

Naphthalene

Concen: 6.944 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

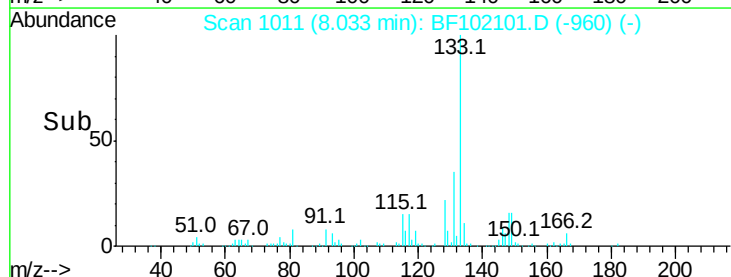
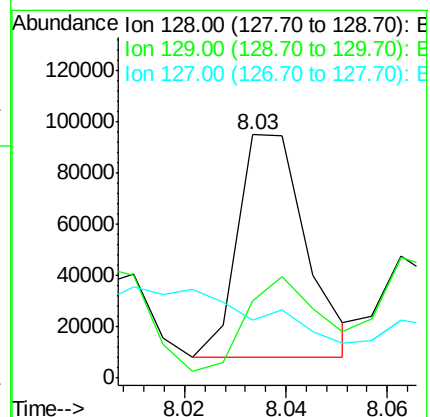
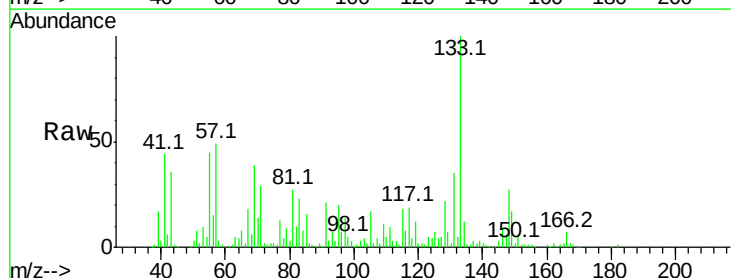
Tgt Ion:128 Resp: 81985

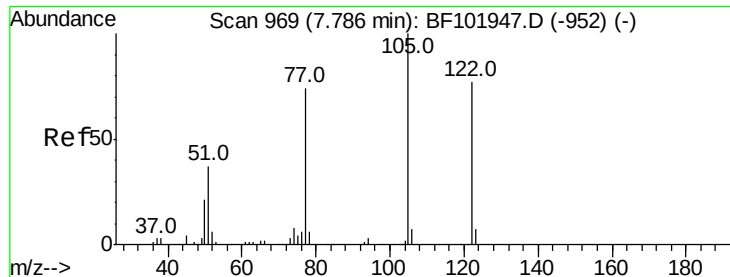
Ion Ratio Lower Upper

128 100

129 31.6 8.8 13.2#

127 23.9 10.9 16.3#





#32

Benzoic acid

Concen: 7.840 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

Instrument :

BNA_F

ClientSampleId :

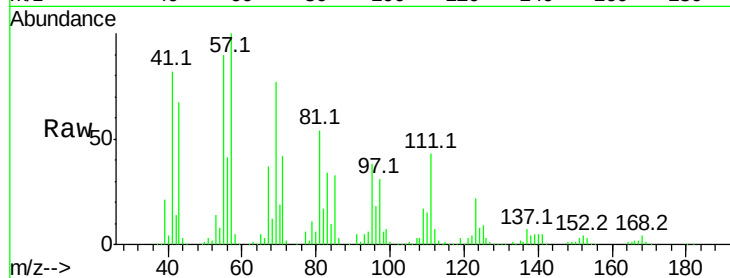
Tot Ion:122 Resp: 20077

Ion Ratio Lower Upper

122 100

105 29.7 101.1 141.1#

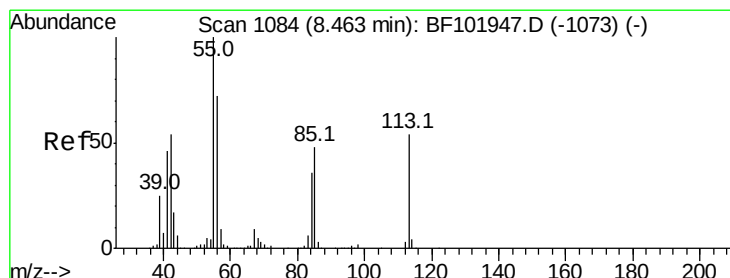
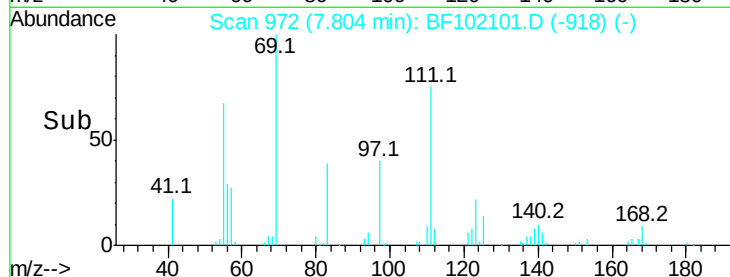
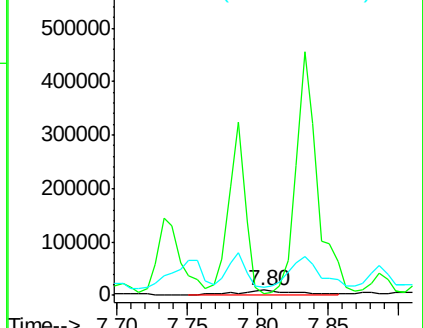
77 147.3 70.7 110.7#



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



#35

Caprolactam

Concen: 181.262 ng

RT: 8.46 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

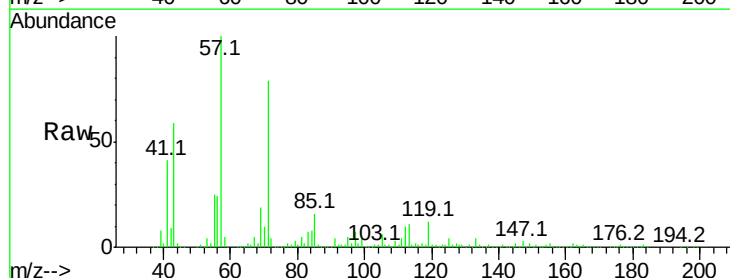
Tgt Ion:113 Resp: 199550

Ion Ratio Lower Upper

113 100

55 221.9 163.3 203.3#

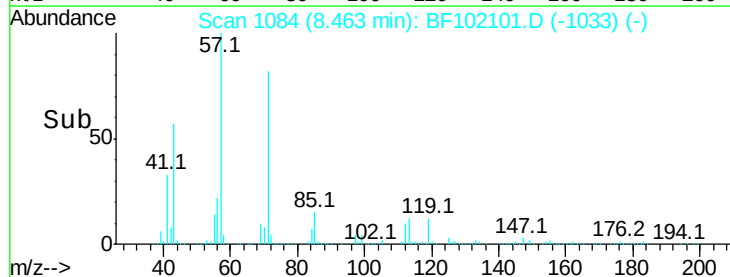
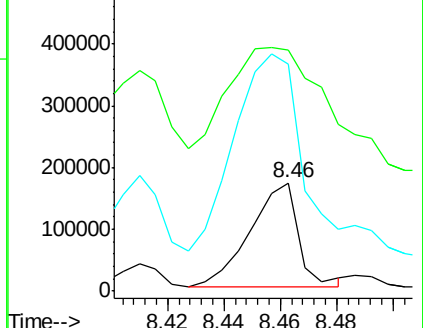
56 209.1 115.7 155.7#

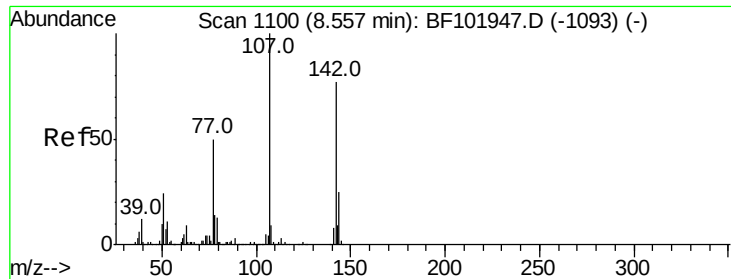


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

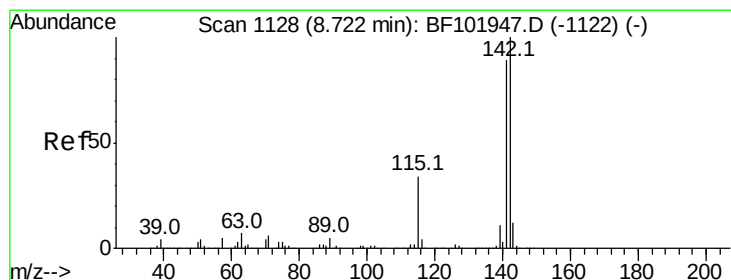
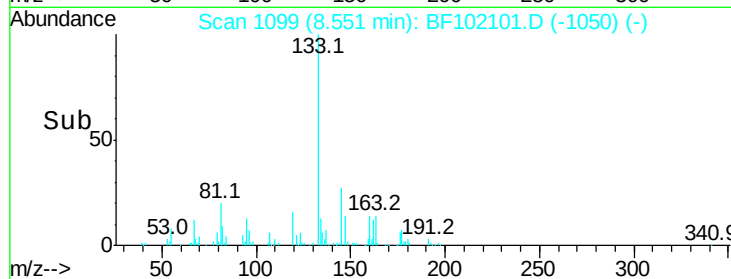
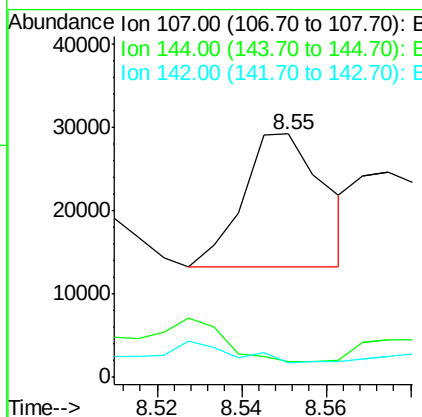
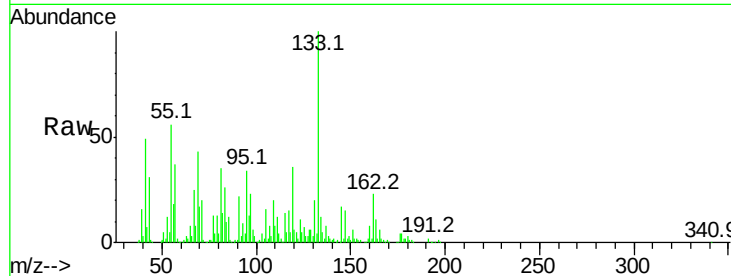




#36
4-Chloro-3-methylphenol
Concen: 6.096 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

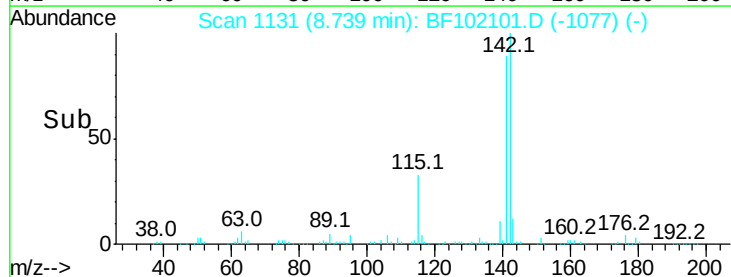
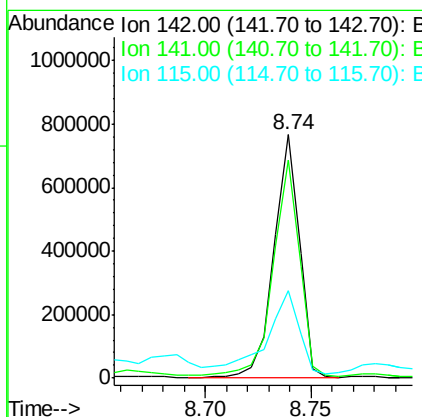
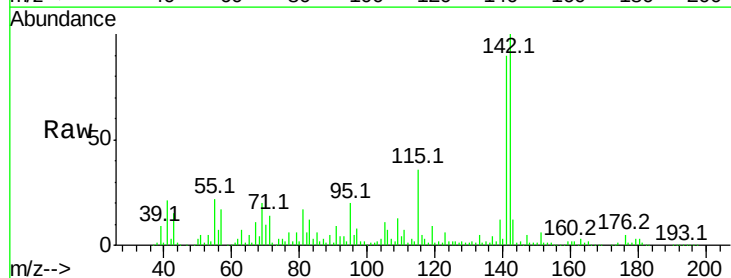
Instrument :
BNA_F
ClientSampleId :

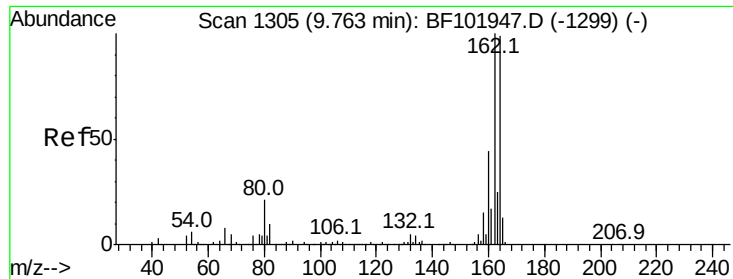
Tot Ion:107 Resp: 21400
Ion Ratio Lower Upper
107 100
144 6.4 20.5 30.7#
142 6.1 62.0 93.0#



#37
2-Methylnaphthalene
Concen: 82.735 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.02 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

Tgt Ion:142 Resp: 643052
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2
115 36.1 26.1 39.1

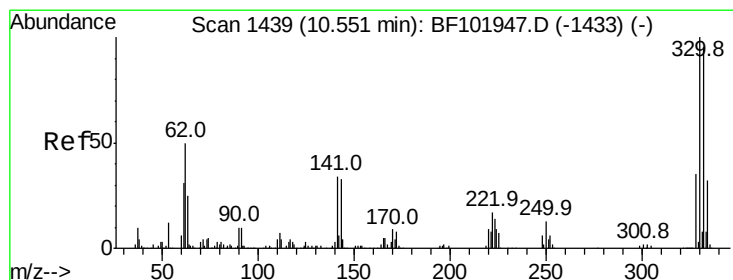
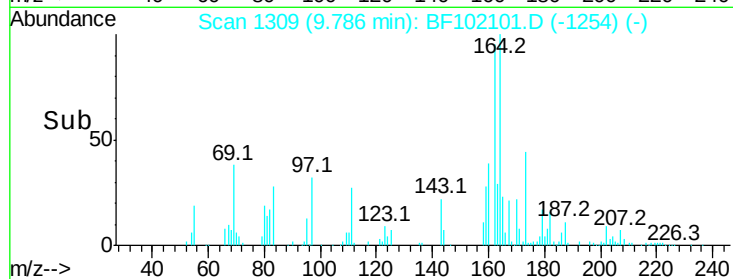
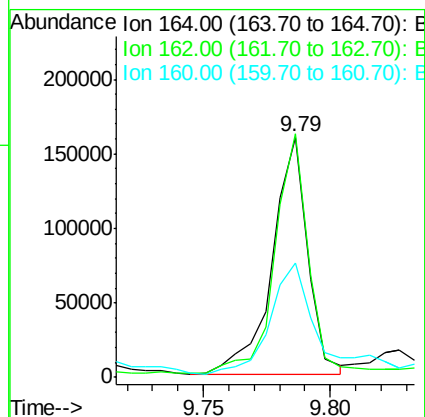
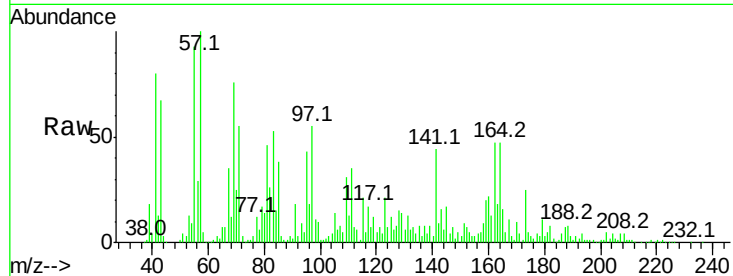




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.02 min
 Lab File: BF102101.D
 Acq: 16 Jan 2018 11:33

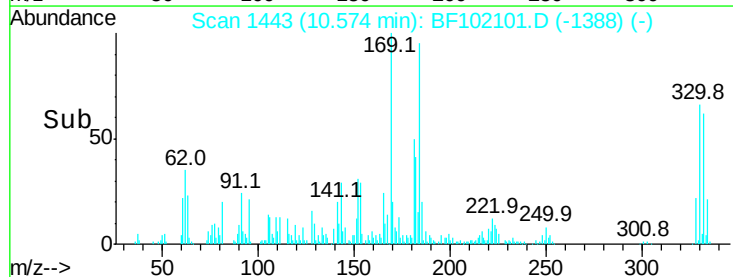
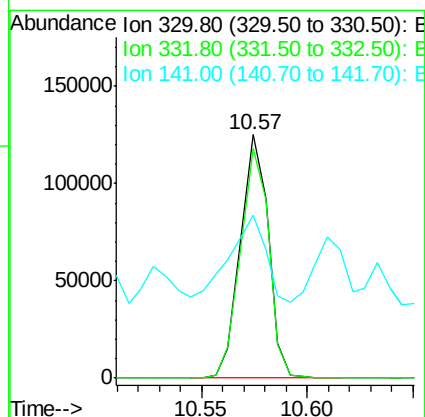
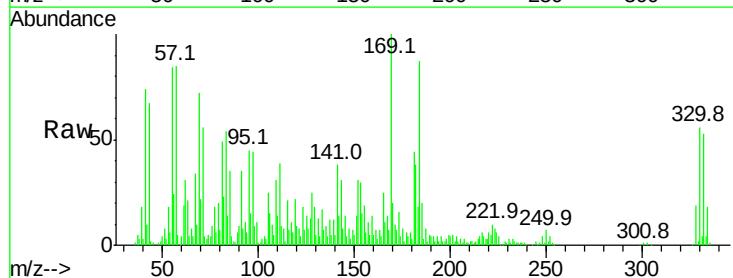
Instrument :
 BNA_F
 ClientSampleId :

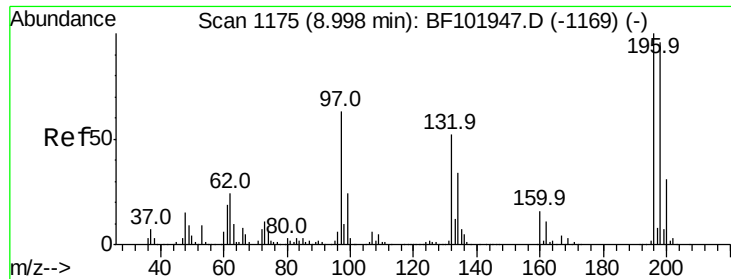
Tot Ion:164 Resp: 154488
 Ion Ratio Lower Upper
 164 100
 162 101.4 86.1 129.1
 160 47.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 85.132 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.02 min
 Lab File: BF102101.D
 Acq: 16 Jan 2018 11:33

Tgt Ion:330 Resp: 114775
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 46.0 29.9 44.9#





#42

2,4,6-Trichlorophenol

Concen: 3.184 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.02 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

Instrument :

BNA_F

ClientSampled :

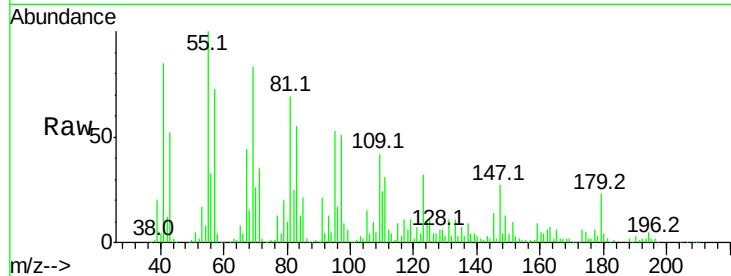
Tot Ion:196 Resp: 9590

Ion Ratio Lower Upper

196 100

198 0.0 75.7 113.5#

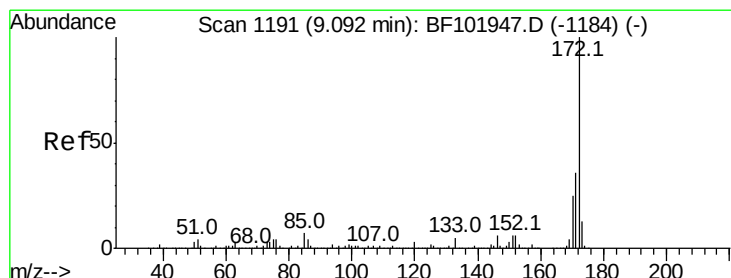
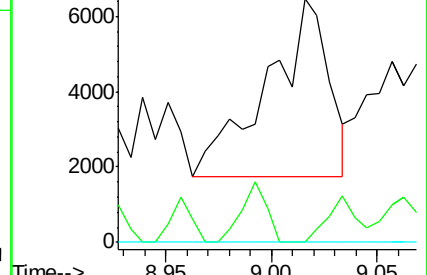
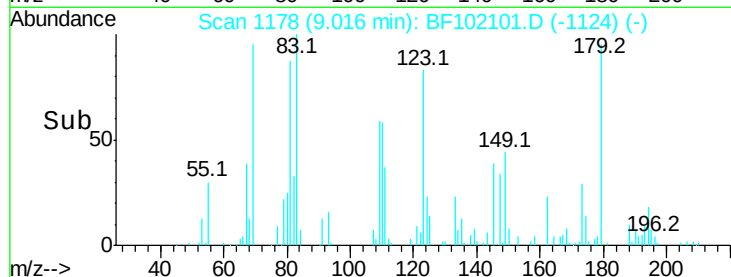
200 0.0 24.5 36.7#



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2-Fluorobiphenyl

Concen: 77.371 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

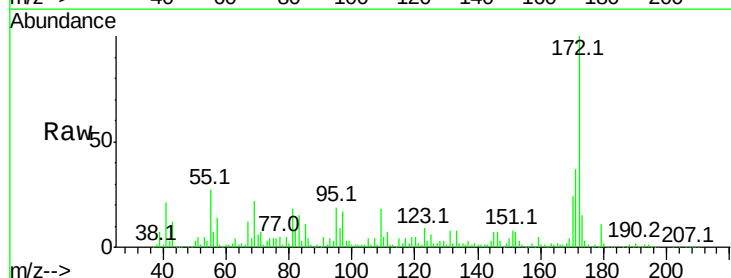
Tgt Ion:172 Resp: 765097

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

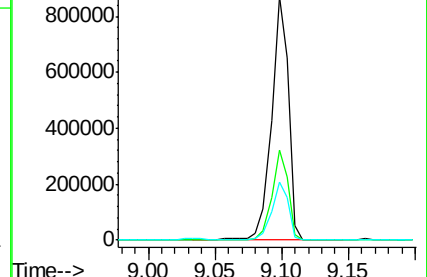
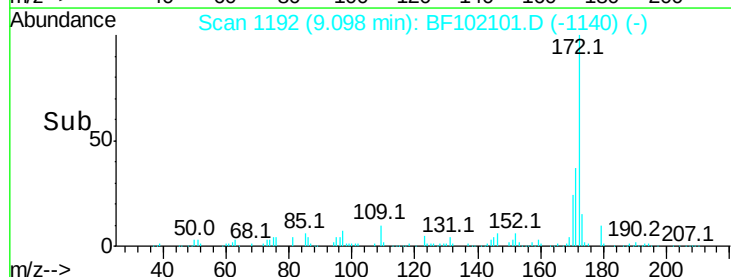
170 24.0 19.6 29.4

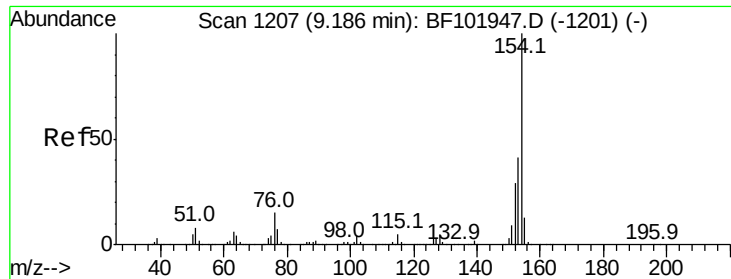


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 25.027 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.01 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

Instrument :

BNA_F

ClientSampled :

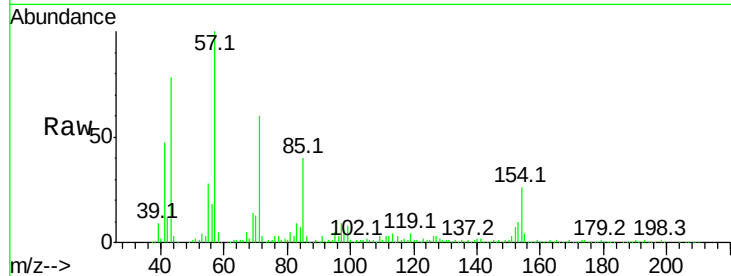
Tot Ion:154 Resp: 341740

Ion Ratio Lower Upper

154 100

153 40.0 21.3 61.3

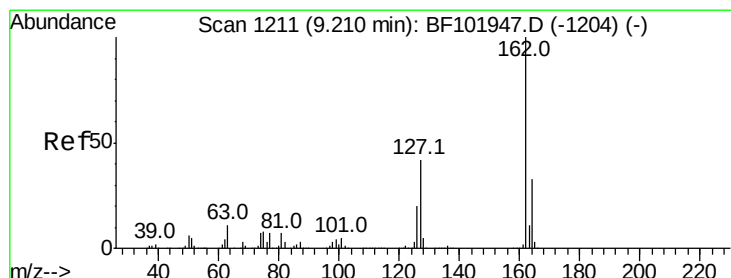
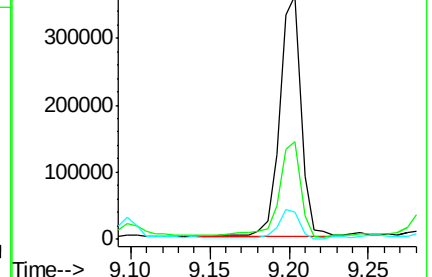
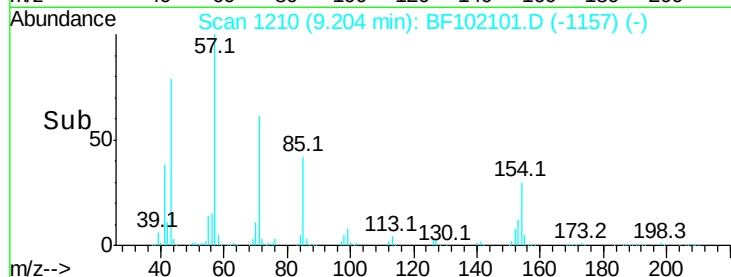
76 11.1 0.0 34.0



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: 3.158 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.06 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

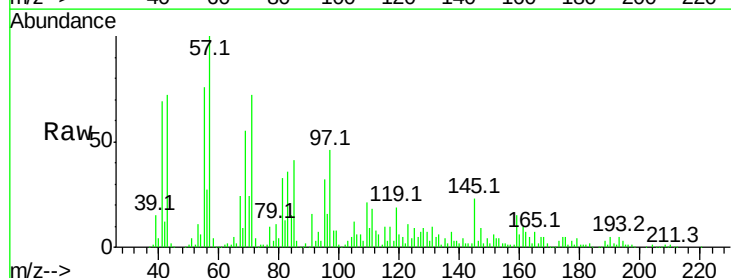
Tgt Ion:162 Resp: 33440

Ion Ratio Lower Upper

162 100

127 102.8 33.9 50.9#

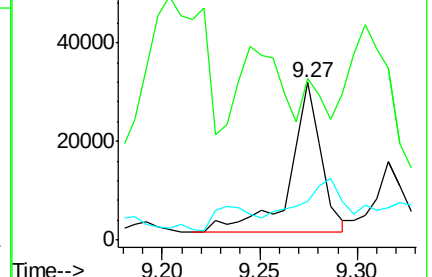
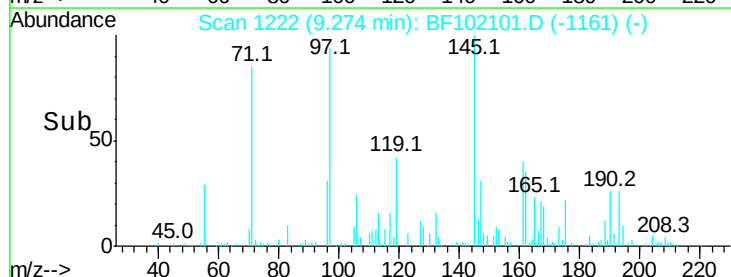
164 24.7 26.5 39.7#

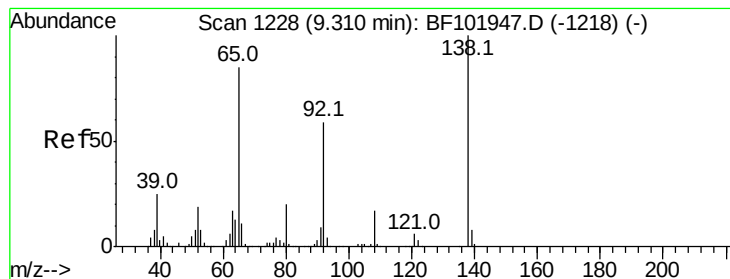


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 8.331 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.14 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

Instrument :

BNA_F

ClientSampleId :

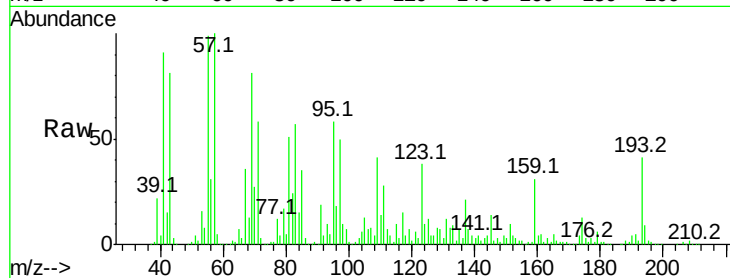
Tot Ion: 65 Resp: 26425

Ion Ratio Lower Upper

65 100

92 57.8 55.8 83.6

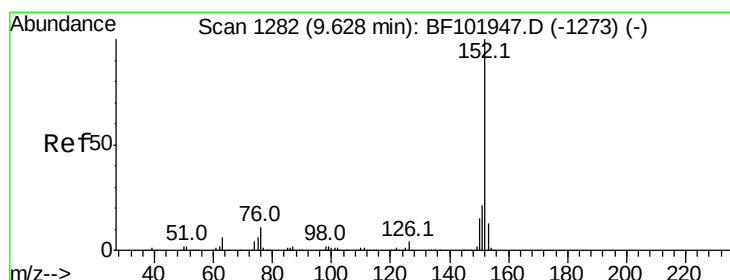
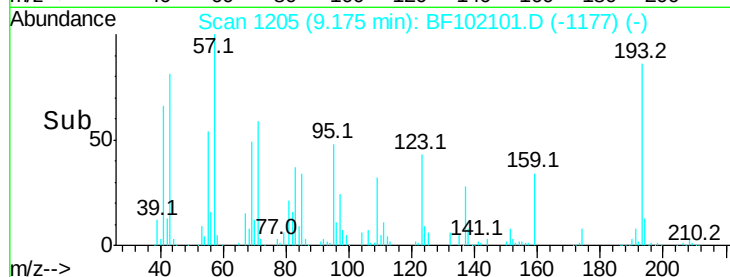
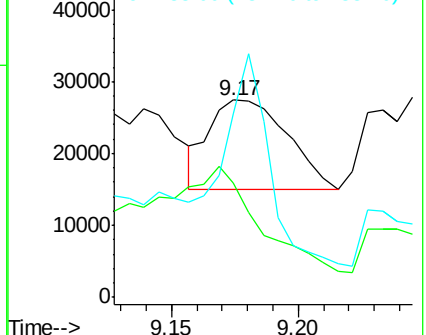
138 93.1 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 3.505 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.02 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

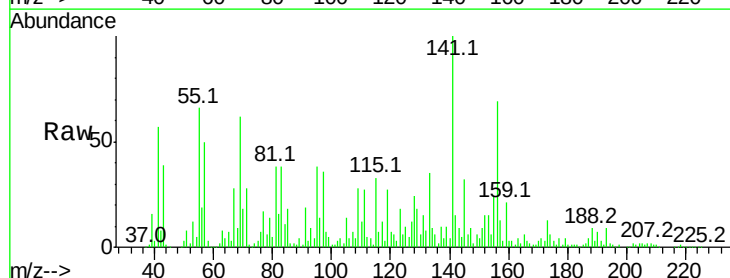
Tgt Ion: 152 Resp: 58895

Ion Ratio Lower Upper

152 100

151 63.2 16.3 24.5#

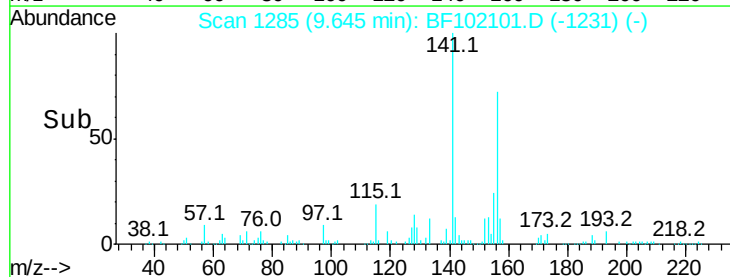
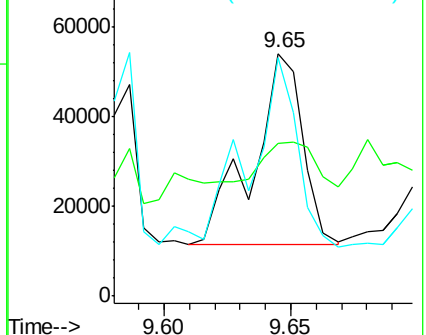
153 98.1 10.7 16.1#

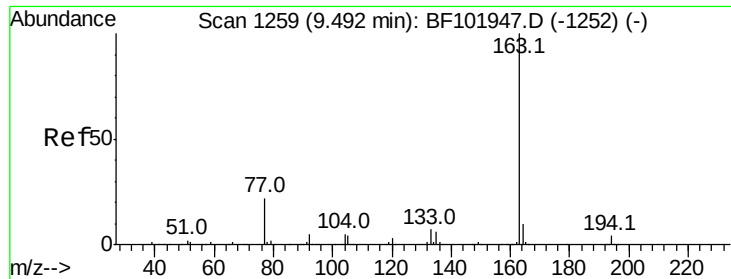


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

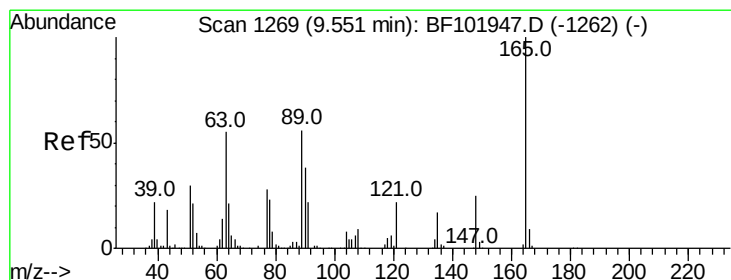
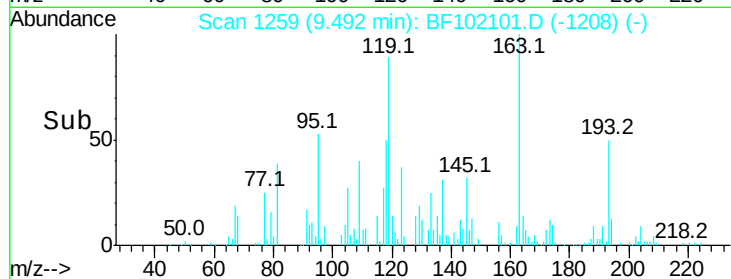
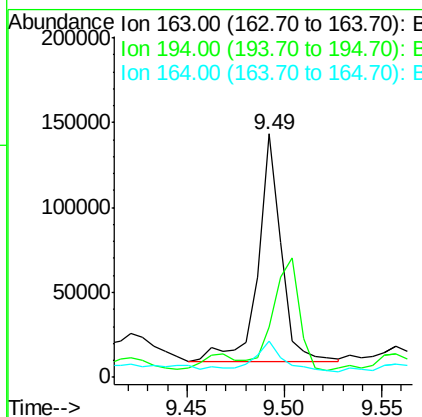
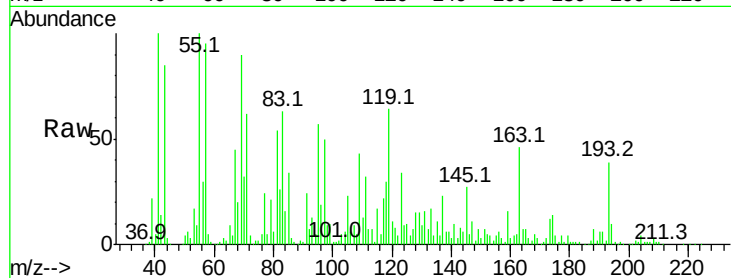




#49
Dimethylphthalate
Concen: 8.769 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

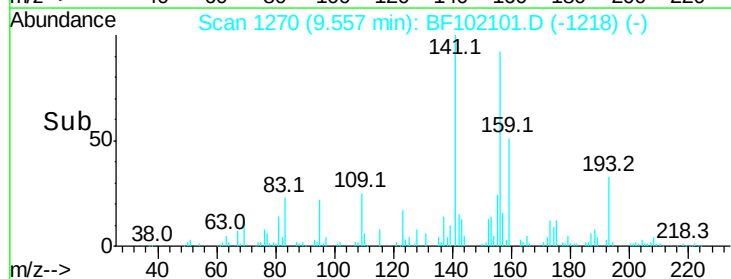
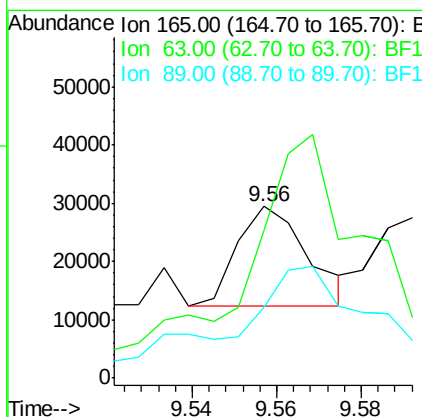
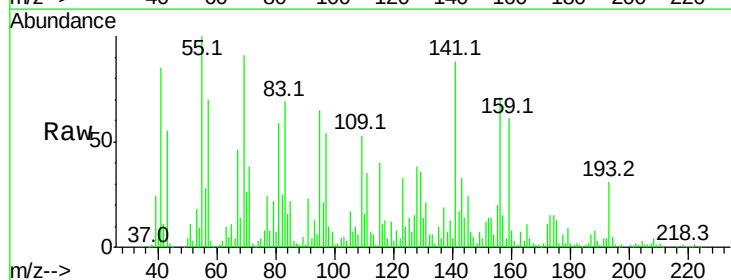
Instrument :
BNA_F
ClientSampled :

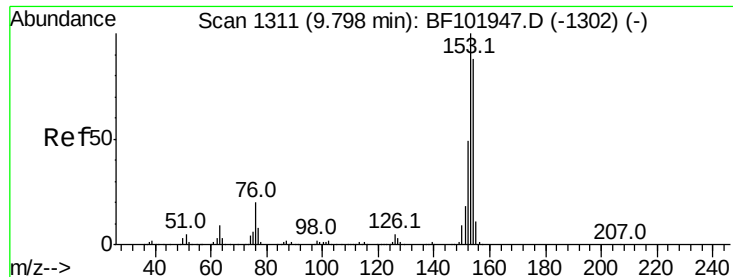
Tot Ion:163 Resp: 108676
Ion Ratio Lower Upper
163 100
194 20.7 2.7 4.1#
164 14.8 8.2 12.2#



#50
2,6-Dinitrotoluene
Concen: 7.976 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

Tgt Ion:165 Resp: 19745
Ion Ratio Lower Upper
165 100
63 85.9 44.7 67.1#
89 41.6 44.0 66.0#





#51

Acenaphthene

Concen: 4.423 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.02 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

Instrument :

BNA_F

ClientSampleId :

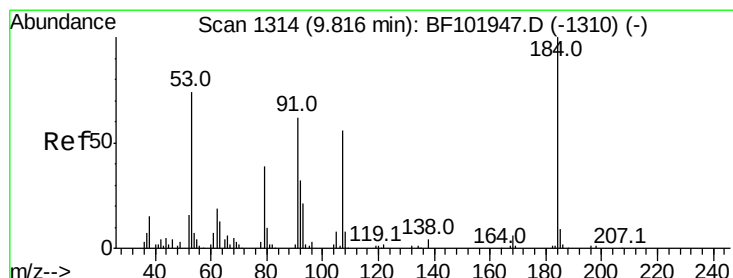
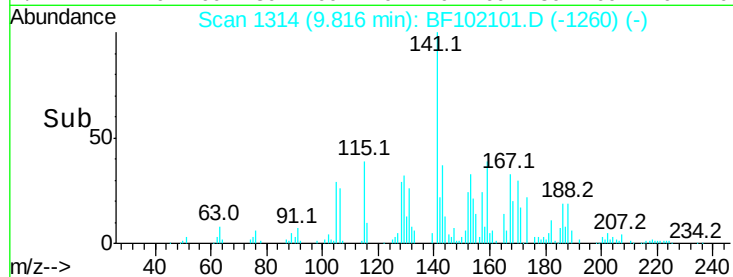
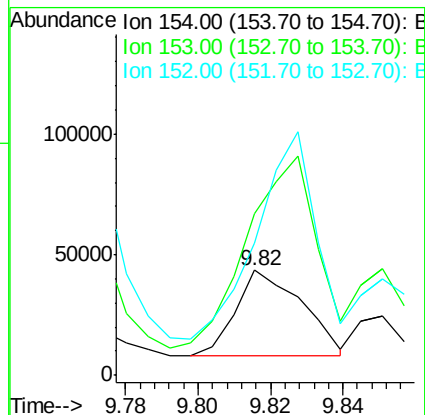
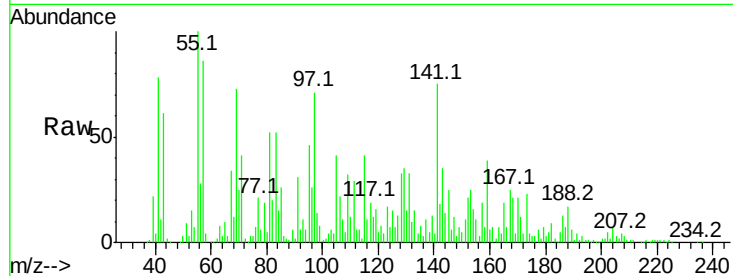
Tot Ion:154 Resp: 45118

Ion Ratio Lower Upper

154 100

153 154.5 91.2 136.8#

152 125.6 43.8 65.8#



#53

2,4-Dinitrophenol

Concen: 9.862 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.04 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

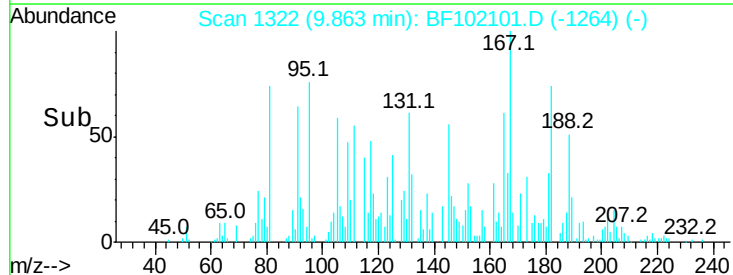
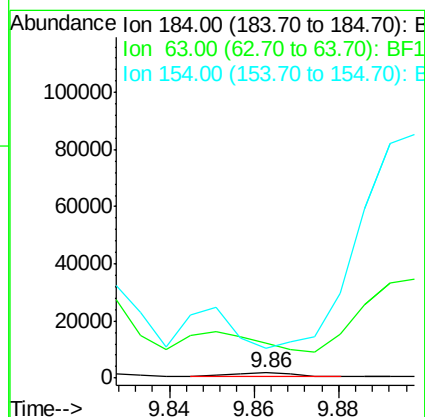
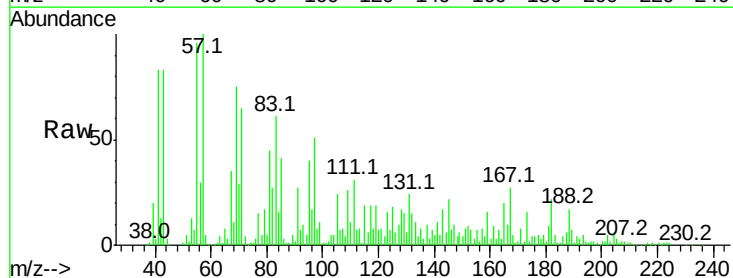
Tgt Ion:184 Resp: 1277

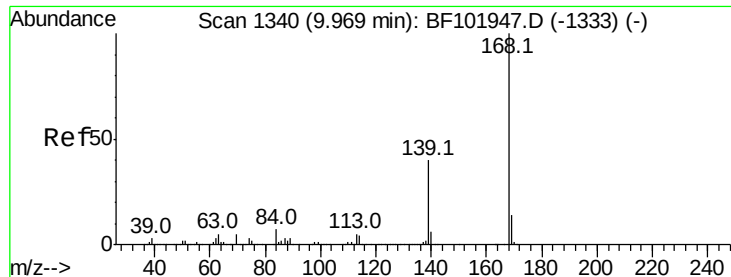
Ion Ratio Lower Upper

184 100

63 708.9 54.2 81.2#

154 592.7 184.0 276.0#

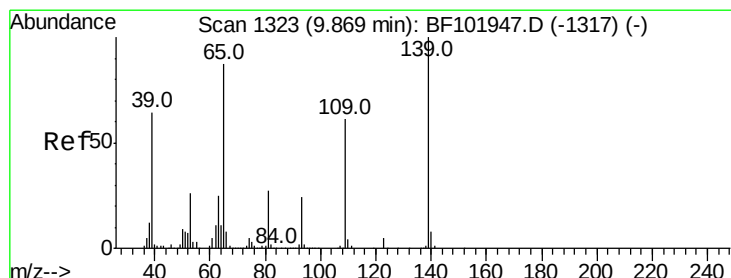
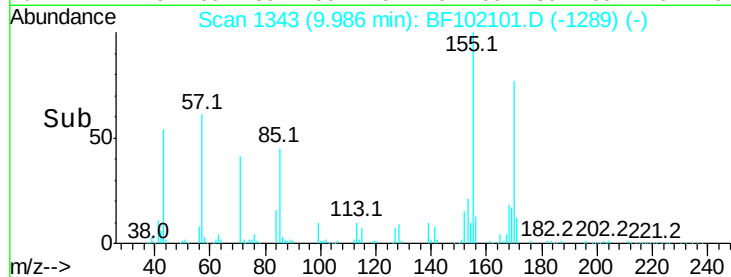
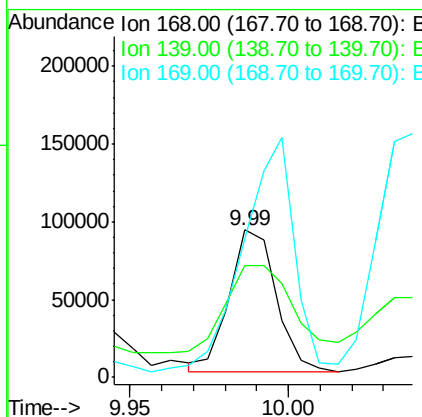
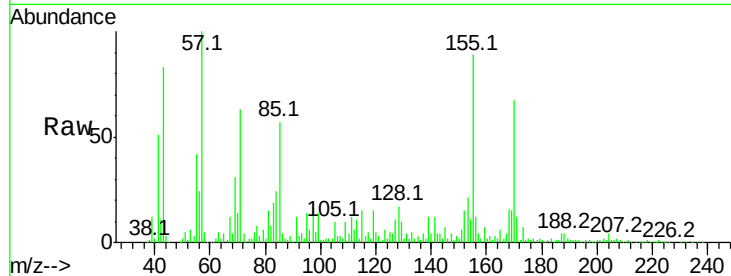




#54
Dibenzofuran
Concen: 6.662 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

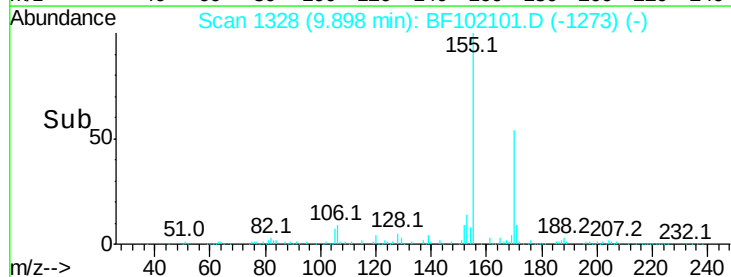
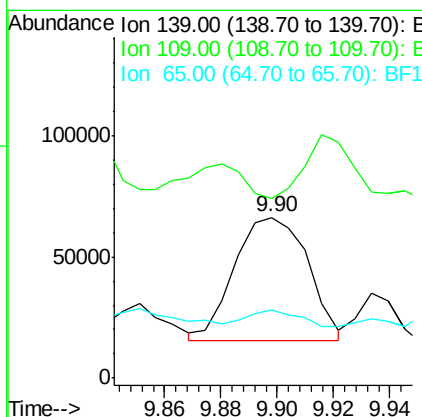
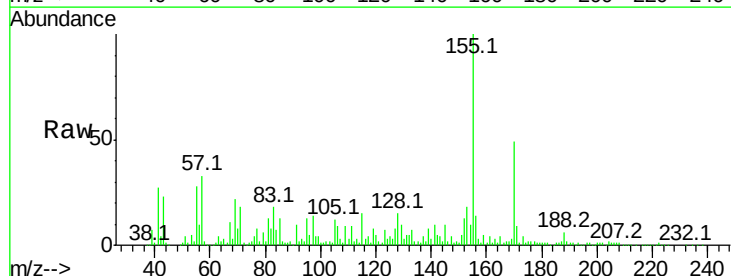
Instrument :
BNA_F
ClientSampled :

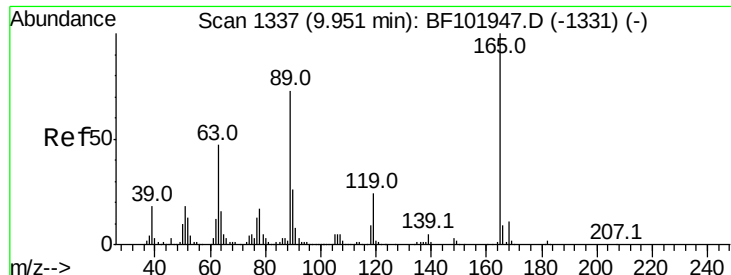
Tot Ion:168 Resp: 93262
Ion Ratio Lower Upper
168 100
139 76.2 30.1 45.1#
169 93.7 10.9 16.3#



#55
4-Nitrophenol
Concen: 38.978 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

Tgt Ion:139 Resp: 90754
Ion Ratio Lower Upper
139 100
109 111.7 48.4 88.4#
65 42.5 72.6 112.6#

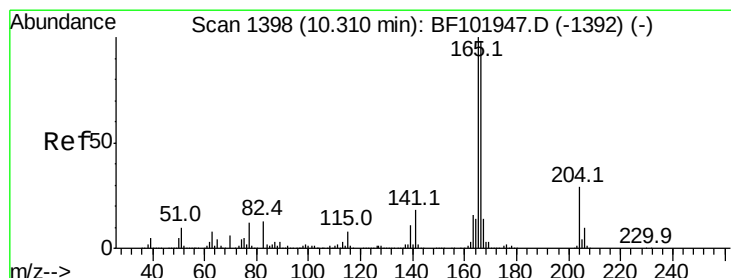
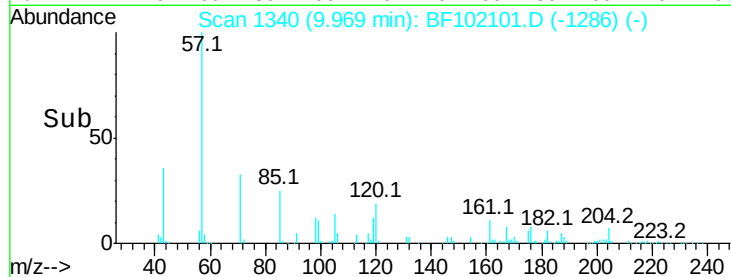
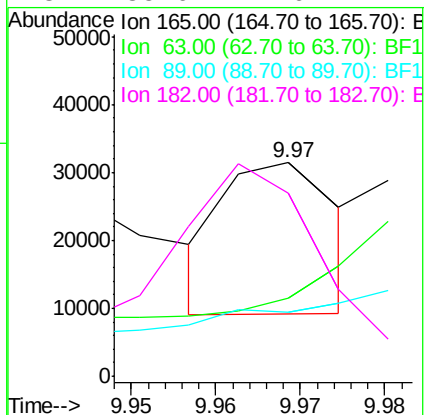
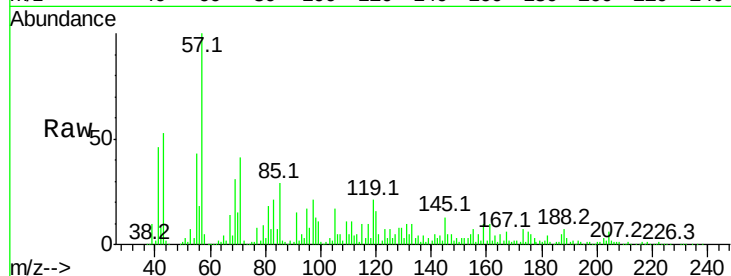




#56
2,4-Dinitrotoluene
Concen: 6.692 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

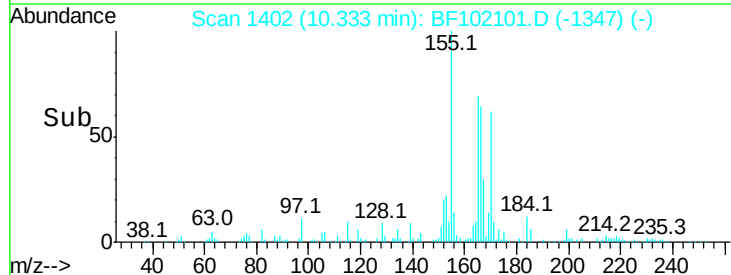
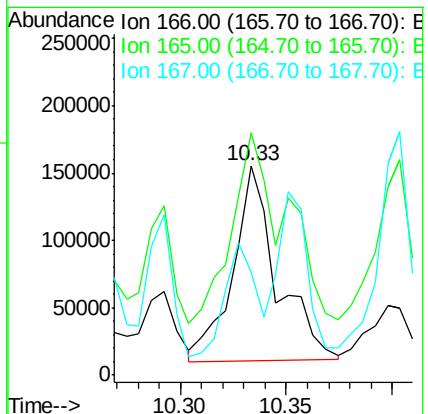
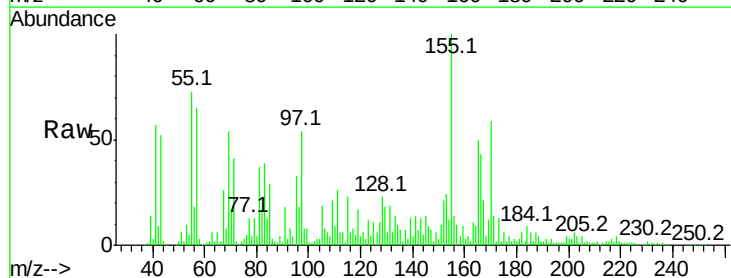
Instrument :
BNA_F
ClientSampleId :

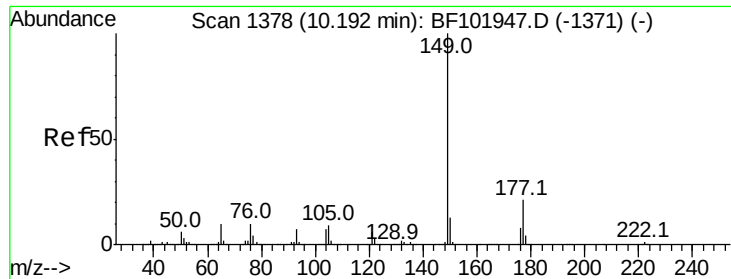
Tot Ion:165	Resp:	20765
Ion Ratio	Lower	Upper
165	100	
63	36.7	36.4 54.6
89	30.1	57.8 86.6#
182	85.6	1.6 2.4#



#57
Fluorene
Concen: 21.637 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.02 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

Tgt Ion:166	Resp:	209381
Ion Ratio	Lower	Upper
166	100	
165	116.0	79.8 119.8
167	49.1	10.6 16.0#

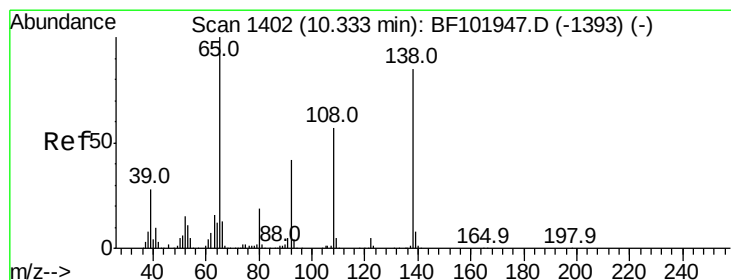
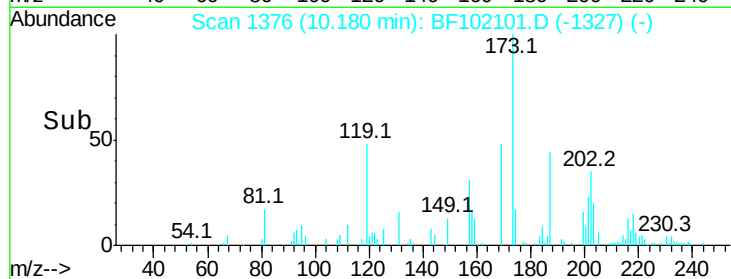
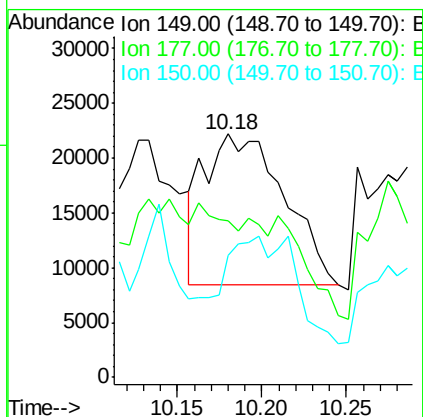
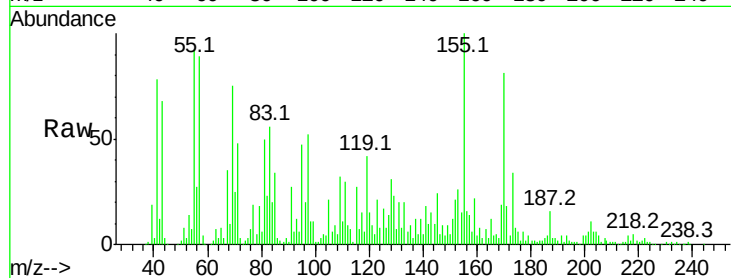




#59
Diethylphthalate
Concen: 3.655 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

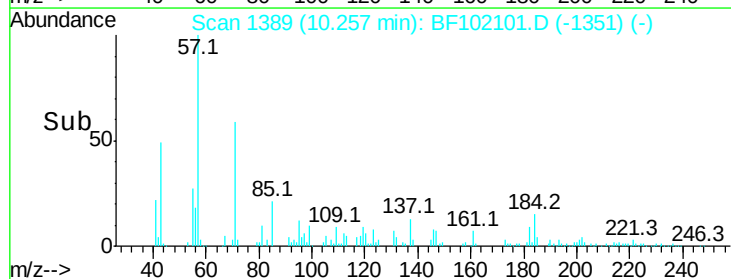
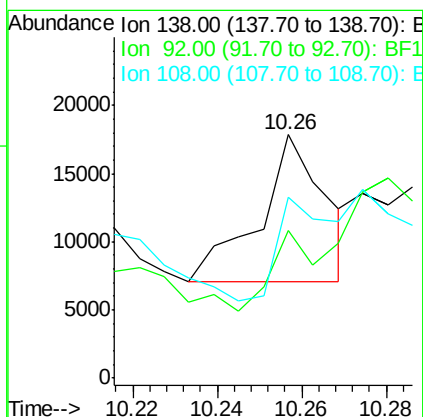
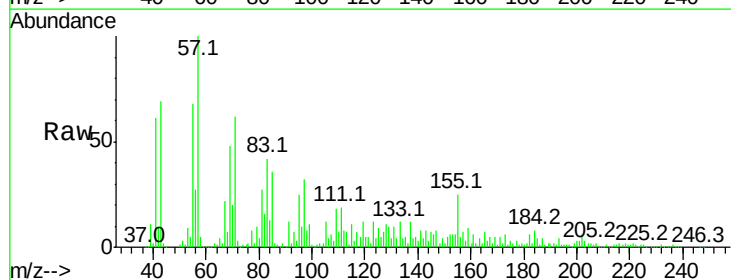
Instrument :
BNA_F
ClientSampled :

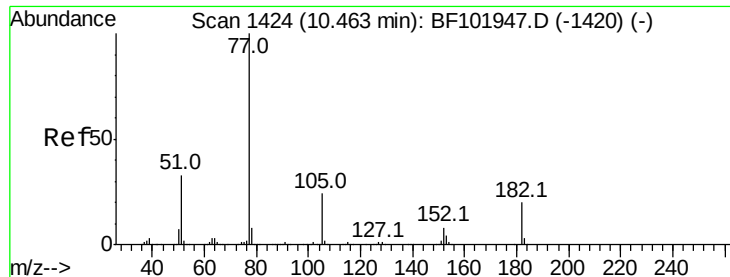
Tot Ion:149 Resp: 45056
Ion Ratio Lower Upper
149 100
177 64.1 16.1 24.1#
150 50.0 10.1 15.1#



#61
4-Nitroaniline
Concen: 3.967 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.08 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

Tgt Ion:138 Resp: 11762
Ion Ratio Lower Upper
138 100
92 60.7 30.2 70.2
108 74.3 52.5 92.5





#62

Azobenzene

Concen: 2.787 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.02 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 34179

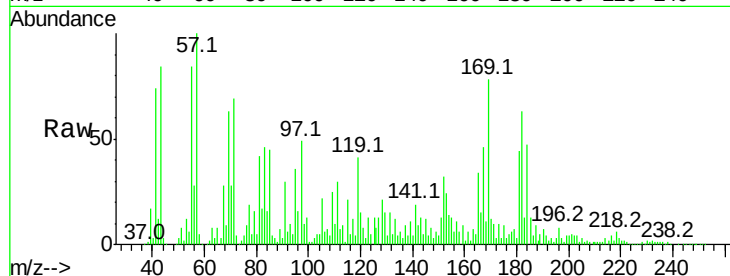
Ion Ratio Lower Upper

77 100

182 334.5 1.7 41.7#

105 115.0 3.0 43.0#

51 41.1 9.9 49.9

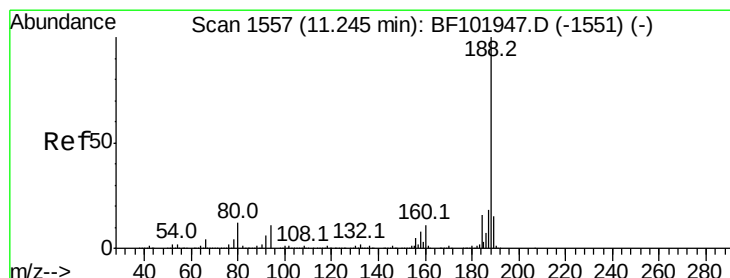
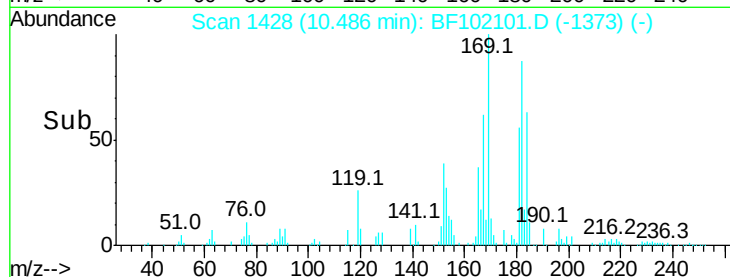
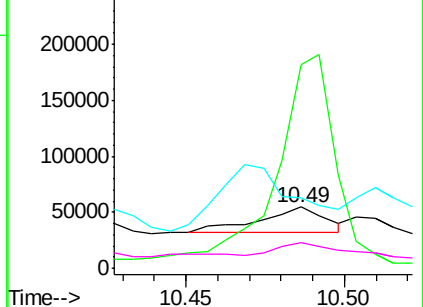


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1561

Delta R.T. 0.02 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

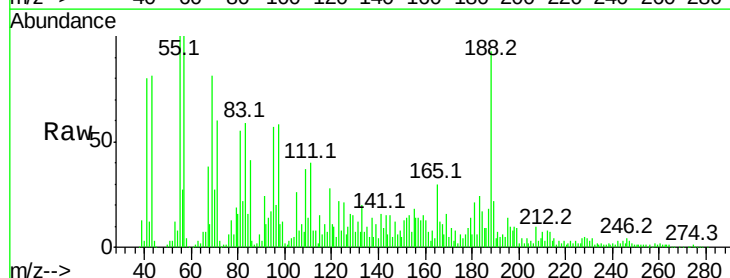
Tgt Ion: 188 Resp: 216213

Ion Ratio Lower Upper

188 100

94 18.3 8.5 12.7#

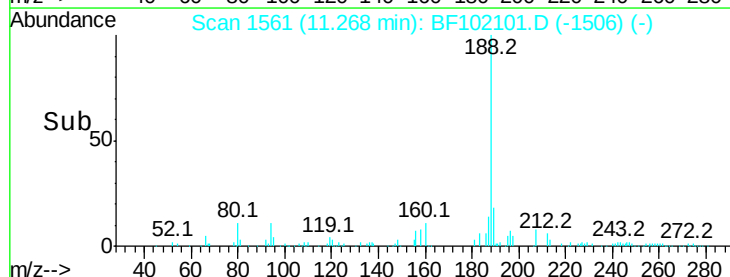
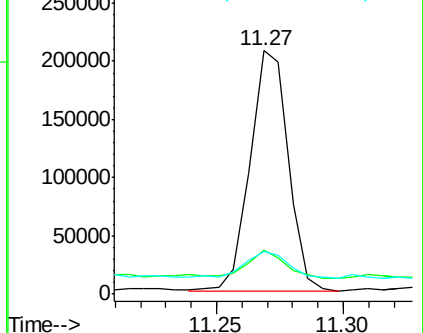
80 17.7 9.2 13.8#

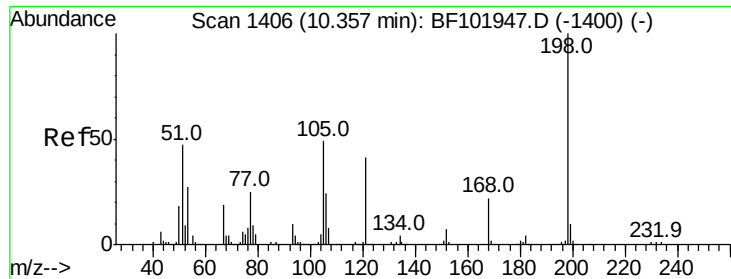


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

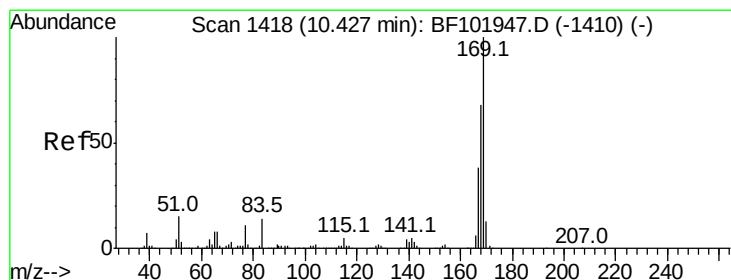
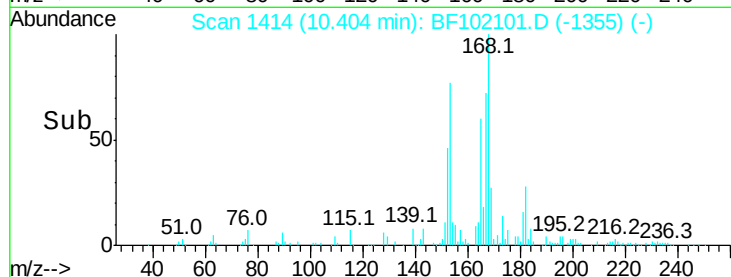
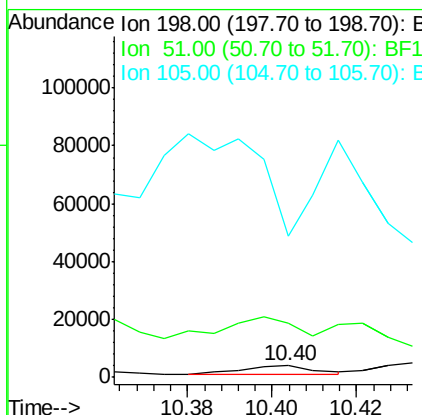
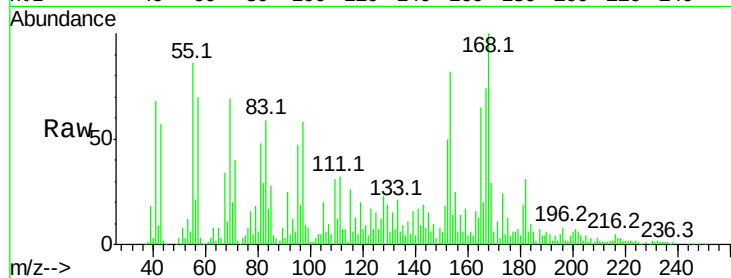




#64
4,6-Dinitro-2-methylphenol
Concen: 8.083 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.05 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

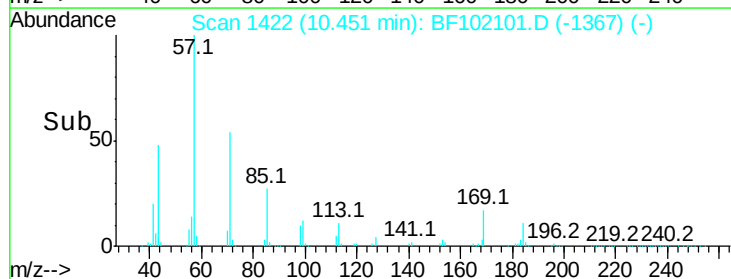
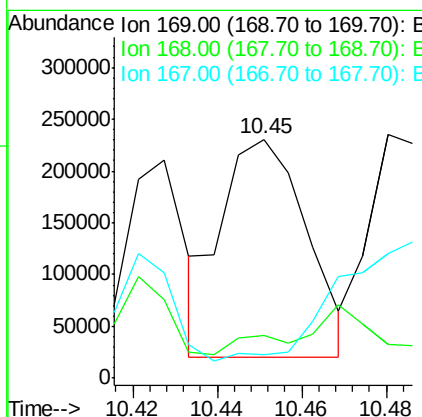
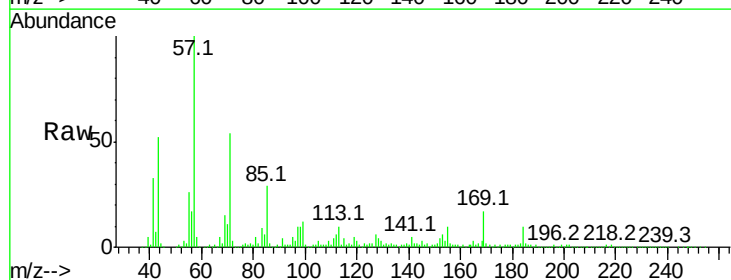
Instrument :
BNA_F
ClientSampled :

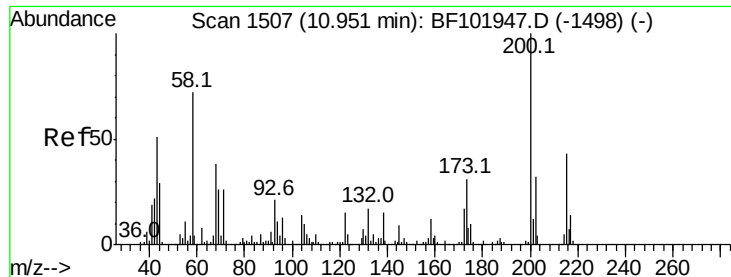
Tot Ion:198 Resp: 3223
Ion Ratio Lower Upper
198 100
51 472.2 37.7 77.7#
105 1245.1 36.3 76.3#



#65
n-Nitrosodiphenylamine
Concen: 36.485 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.02 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

Tgt Ion:169 Resp: 295392
Ion Ratio Lower Upper
169 100
168 18.0 54.4 81.6#
167 10.1 29.8 44.6#

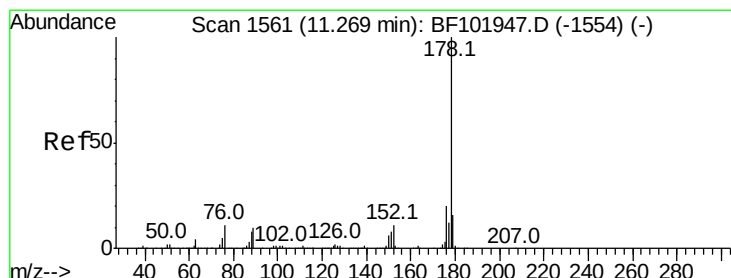
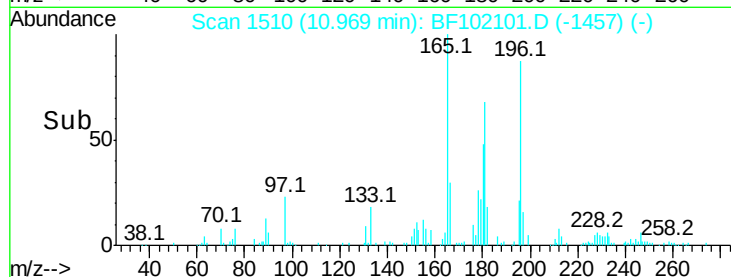
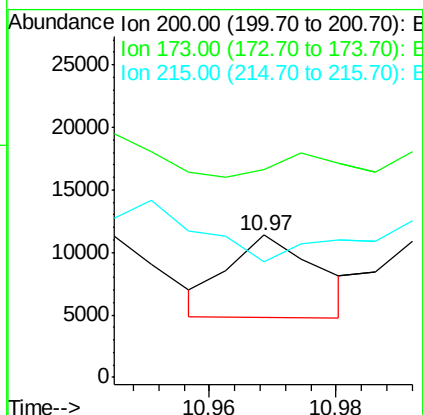
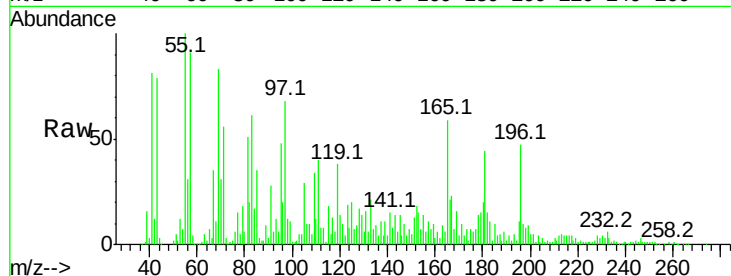




#68
Atrazine
Concen: 2.743 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

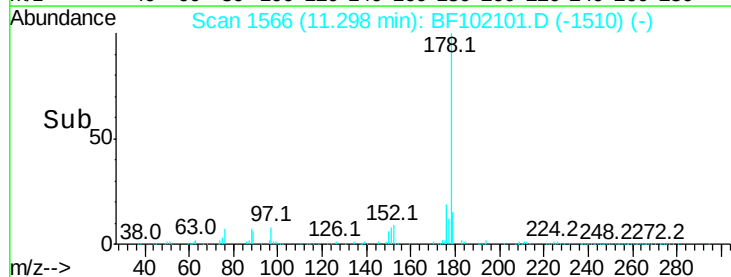
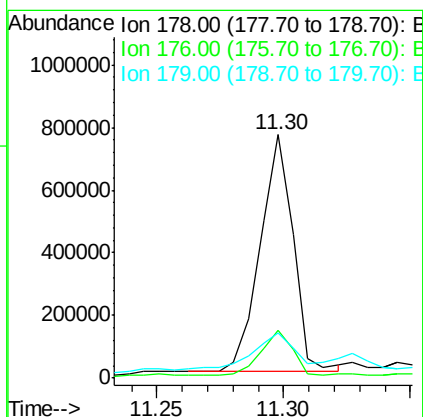
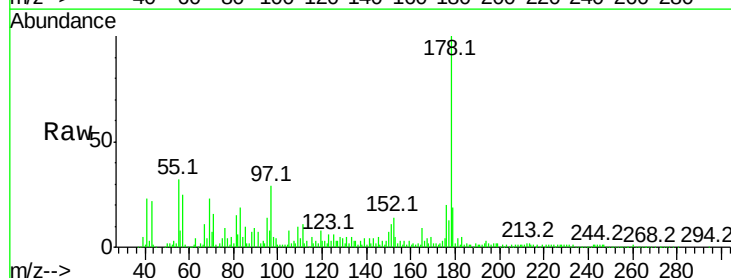
Instrument :
BNA_F
ClientSampleId :

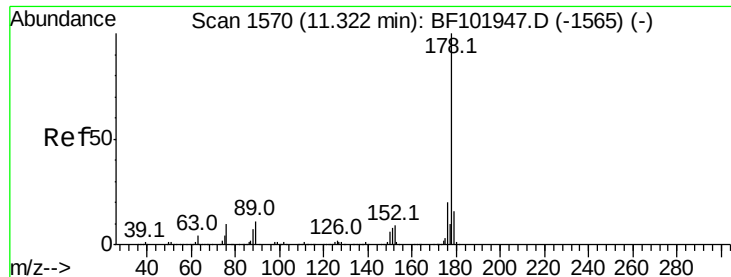
Tot Ion:200 Resp: 6417
Ion Ratio Lower Upper
200 100
173 145.8 8.6 48.6#
215 81.2 25.1 65.1#



#70
Phenanthrene
Concen: 54.628 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.03 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

Tgt Ion:178 Resp: 689939
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 18.8 13.0 19.6





#71

Anthracene

Concen: 53.864 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.02 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

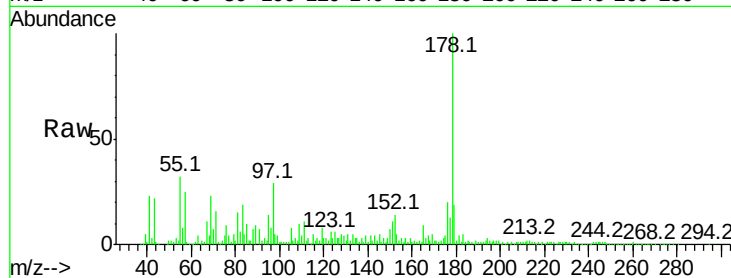
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 689939

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	18.8	12.6	19.0

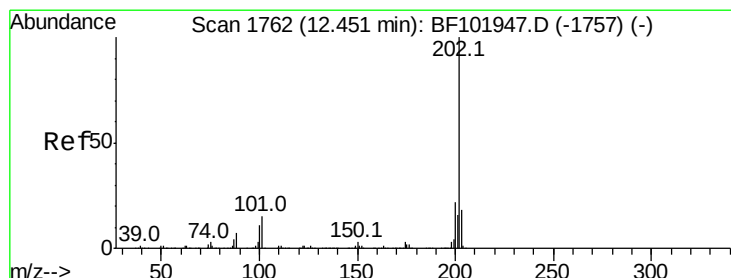
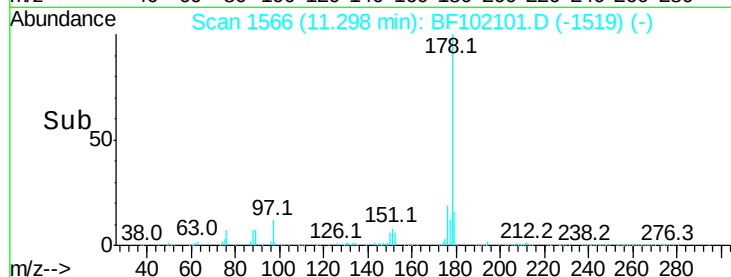
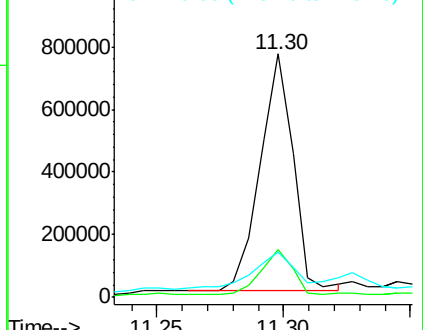


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 5.614 ng

RT: 12.49 min Scan# 1768

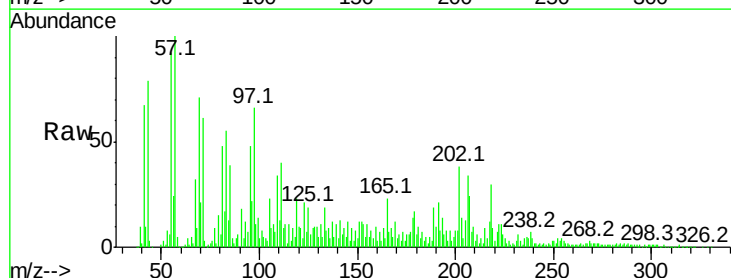
Delta R.T. 0.03 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

Tgt Ion:202 Resp: 69761

Ion	Ratio	Lower	Upper
202	100		
101	21.3	0.0	34.1
203	36.9	0.0	38.1

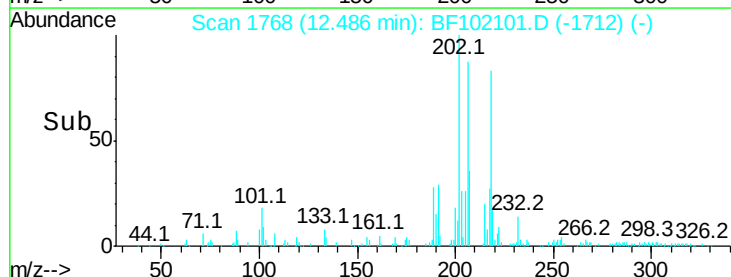
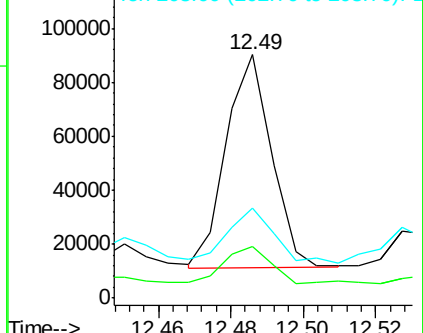


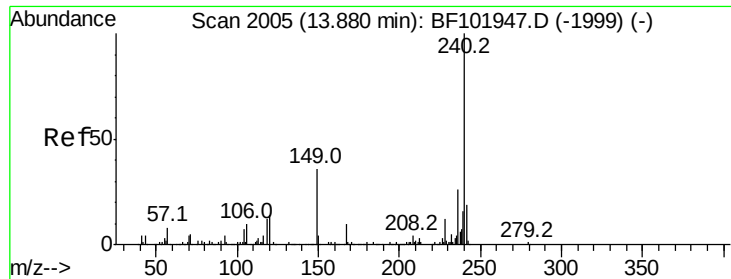
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.03 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

Instrument :

BNA_F

ClientSampleId :

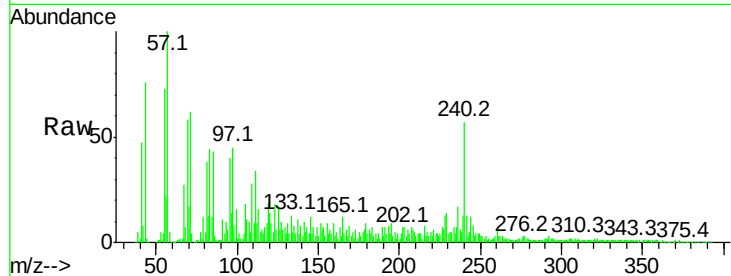
Tot Ion:240 Resp: 164846

Ion Ratio Lower Upper

240 100

120 24.3 9.5 14.3#

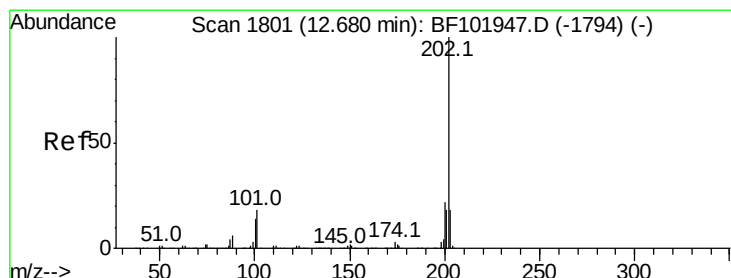
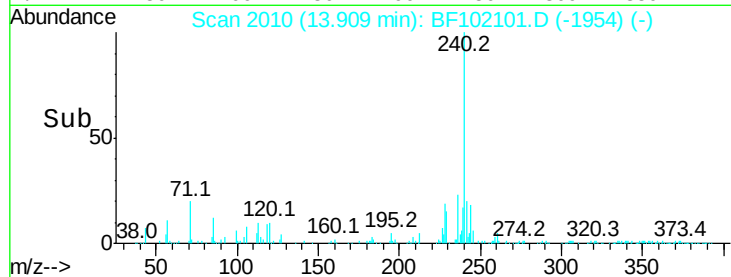
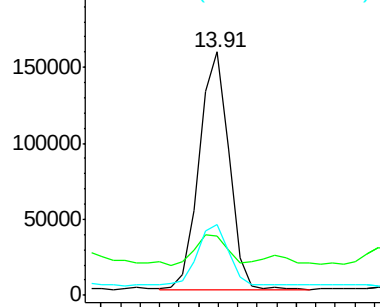
236 29.2 20.7 31.1



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



#77

Pyrene

Concen: 19.417 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.04 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

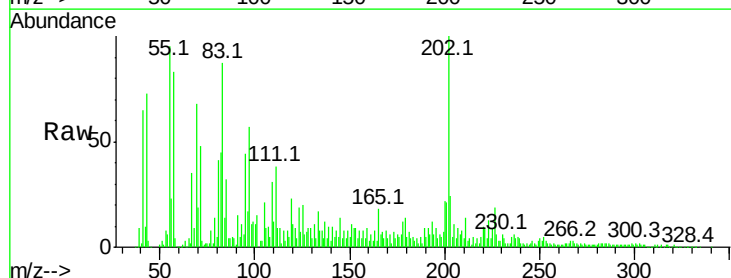
Tgt Ion:202 Resp: 282933

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

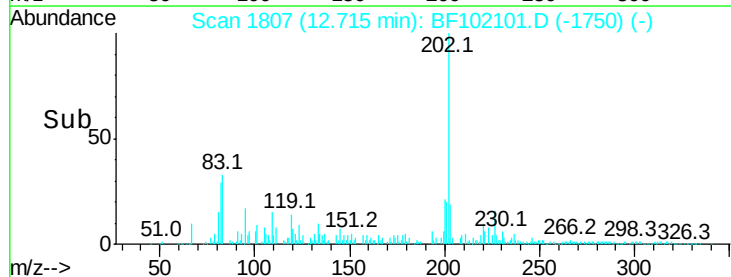
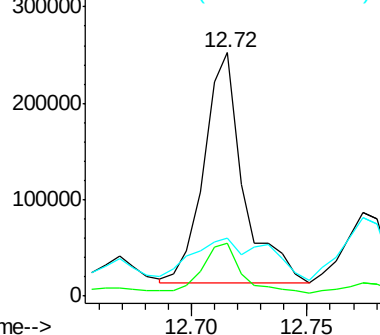
203 23.8 14.3 21.5#

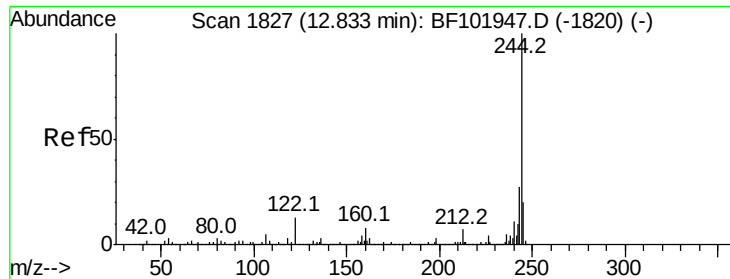


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

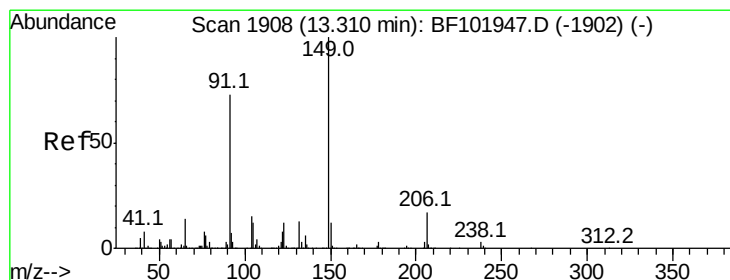
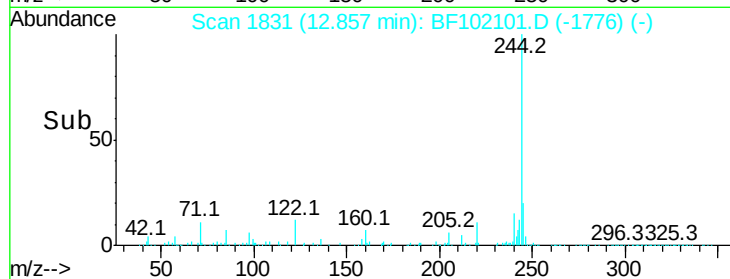
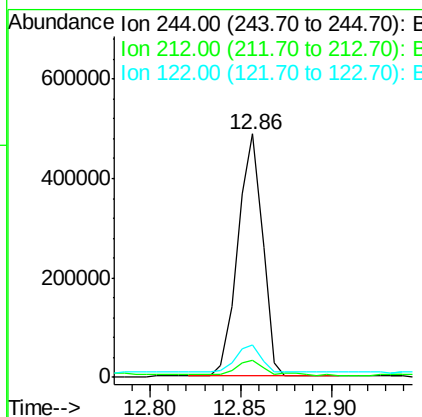
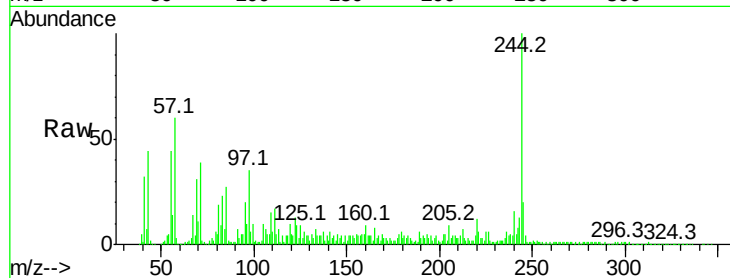




#78
 Terphenyl-d14
 Concen: 58.106 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.02 min
 Lab File: BF102101.D
 Acq: 16 Jan 2018 11:33

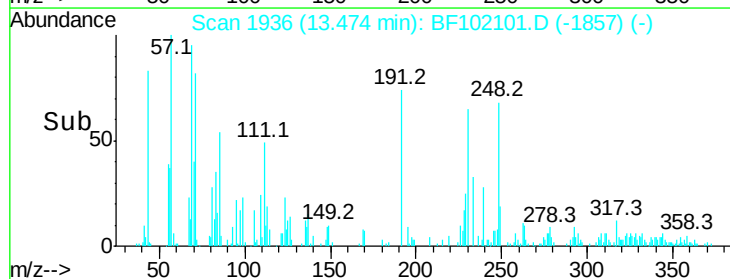
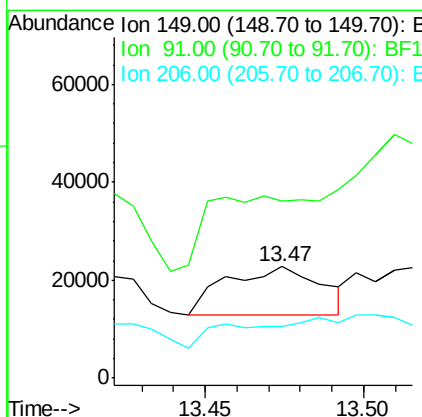
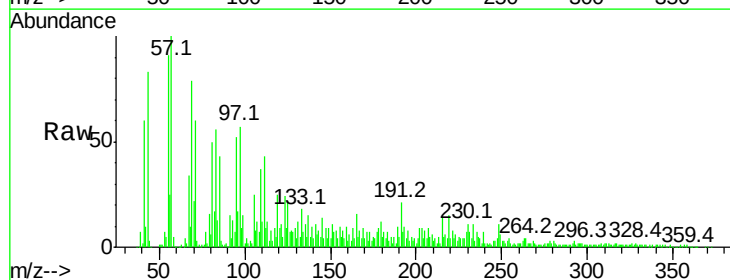
Instrument :
 BNA_F
 ClientSampleId :

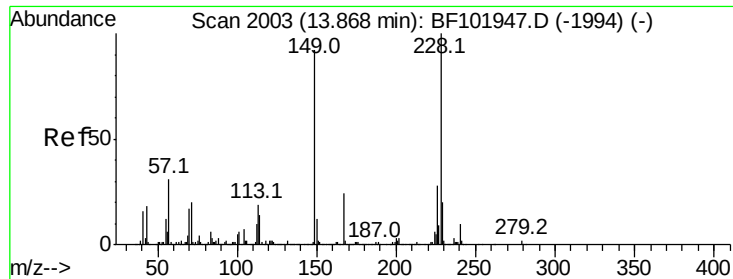
Tot Ion:244 Resp: 461332
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 13.5 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 3.037 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. 0.16 min
 Lab File: BF102101.D
 Acq: 16 Jan 2018 11:33

Tgt Ion:149 Resp: 20306
 Ion Ratio Lower Upper
 149 100
 91 158.4 56.8 85.2#
 206 46.0 14.1 21.1#

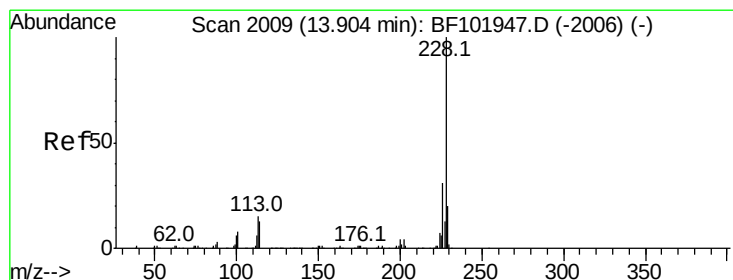
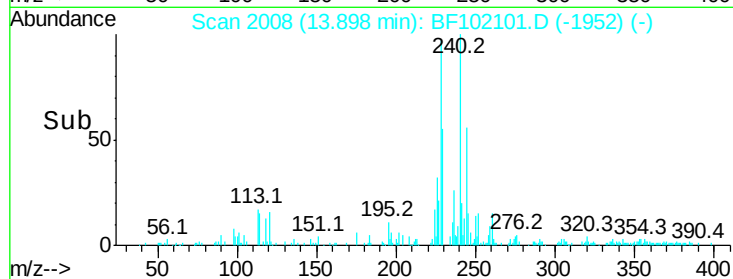
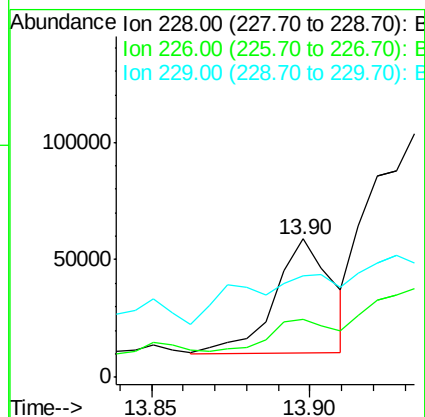
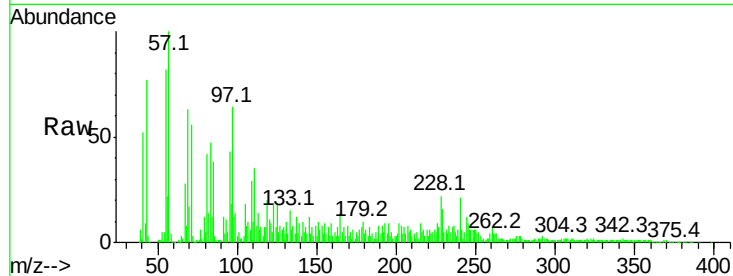




#80
Benzo(a)anthracene
Concen: 5.827 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.03 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

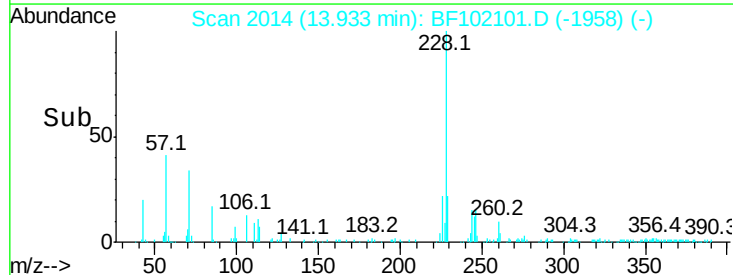
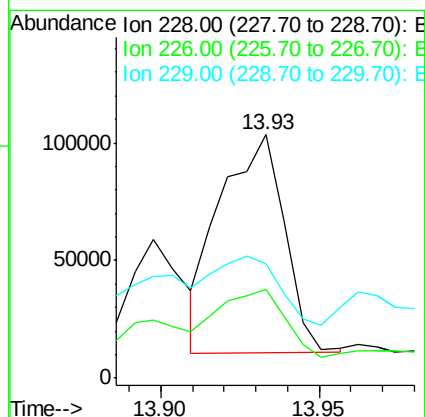
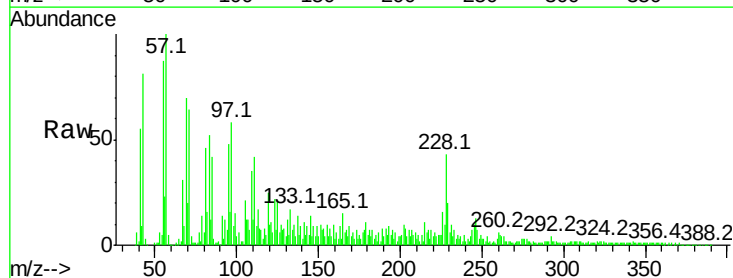
Instrument :
BNA_F
ClientSampleId :

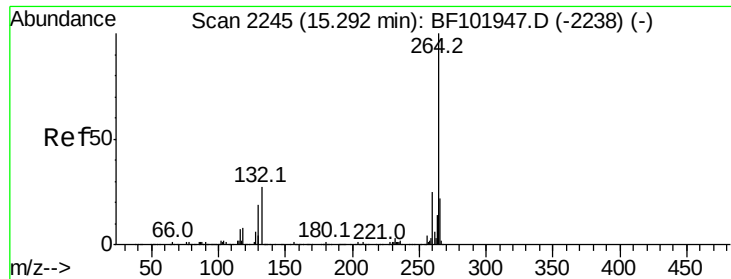
Tot Ion:228 Resp: 61286
Ion Ratio Lower Upper
228 100
226 42.1 22.6 33.8#
229 73.3 15.8 23.6#



#82
Chrysene
Concen: 11.959 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.03 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

Tgt Ion:228 Resp: 131159
Ion Ratio Lower Upper
228 100
226 36.4 25.0 37.6
229 46.8 16.2 24.4#

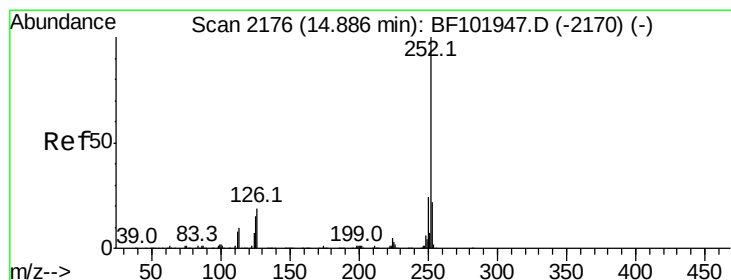
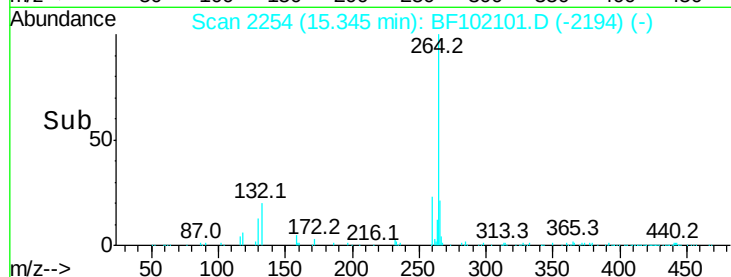
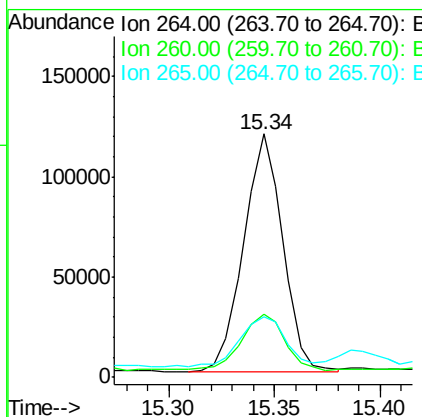
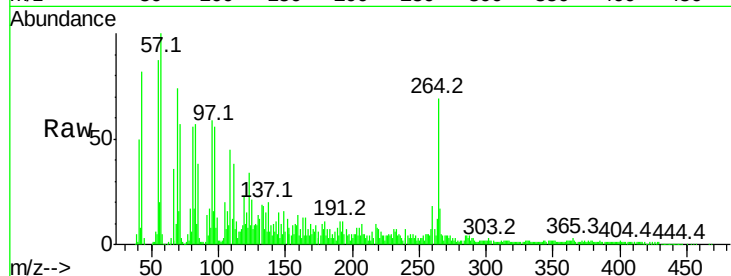




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.05 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

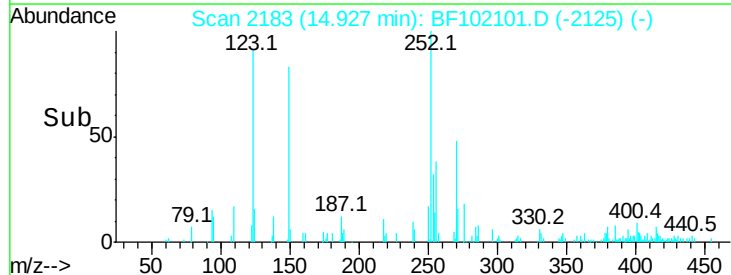
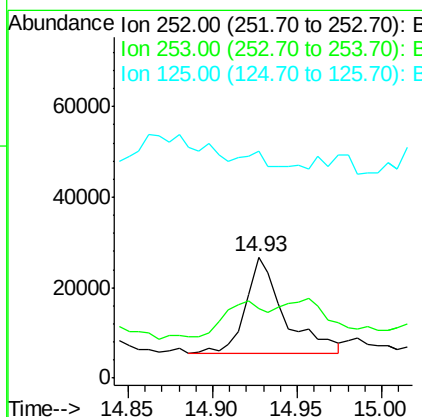
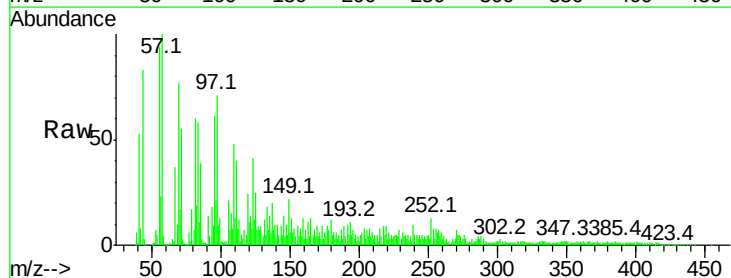
Instrument :
BNA_F
ClientSampleId :

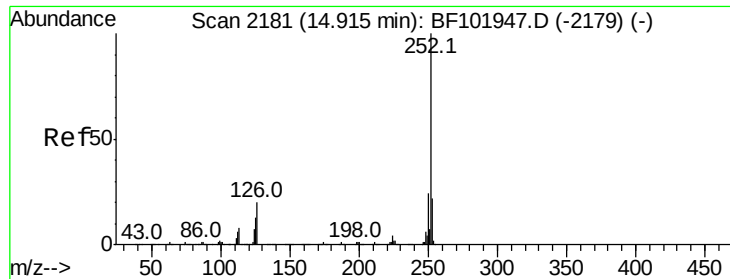
Tot Ion:264 Resp: 151277
Ion Ratio Lower Upper
264 100
260 26.0 19.2 28.8
265 24.8 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 3.397 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.04 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

Tgt Ion:252 Resp: 33506
Ion Ratio Lower Upper
252 100
253 57.2 17.0 25.6#
125 187.0 9.0 13.6#

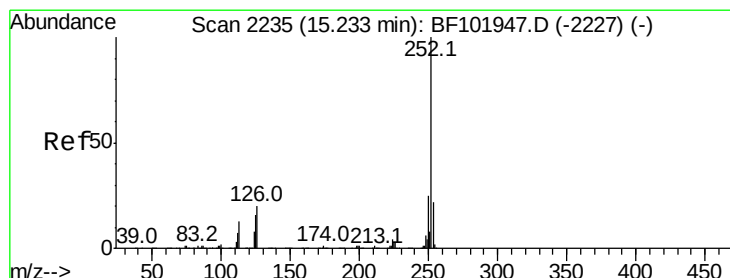
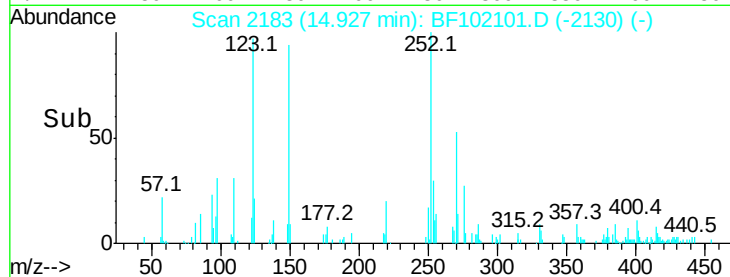
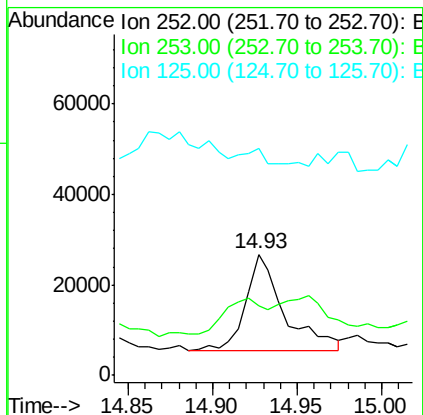
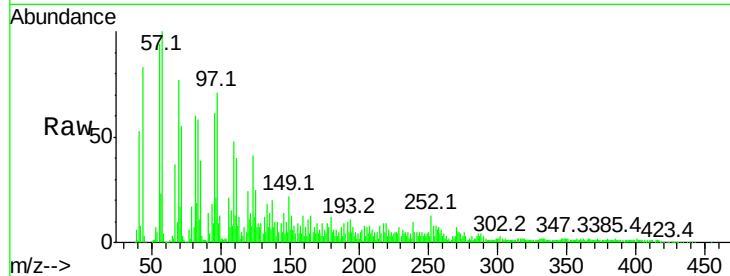




#88
Benzo(k)fluoranthene
Concen: 3.521 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

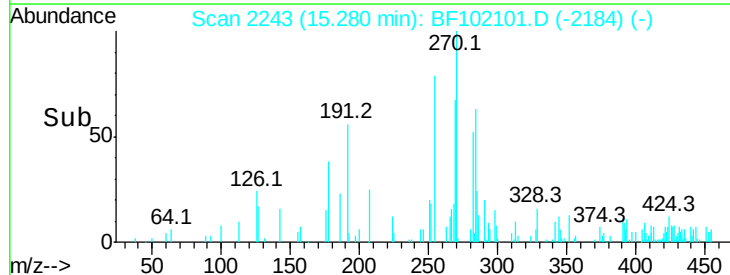
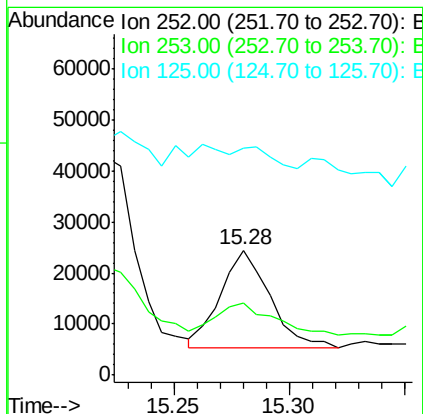
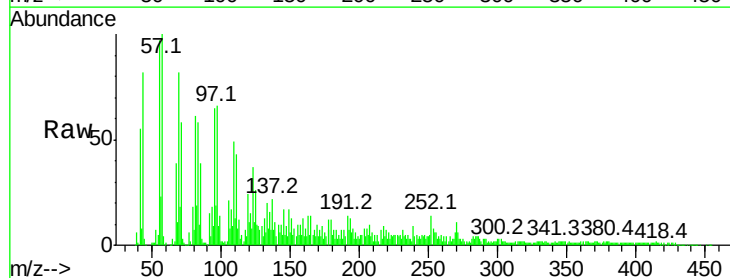
Instrument :
BNA_F
ClientSampleId :

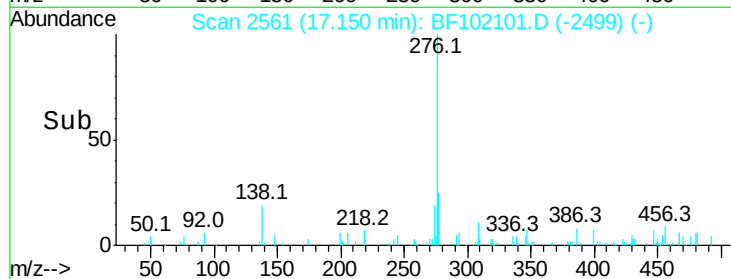
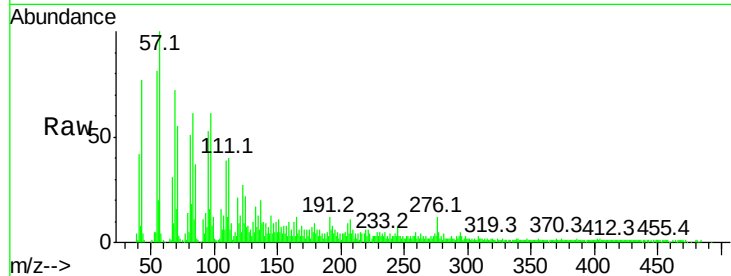
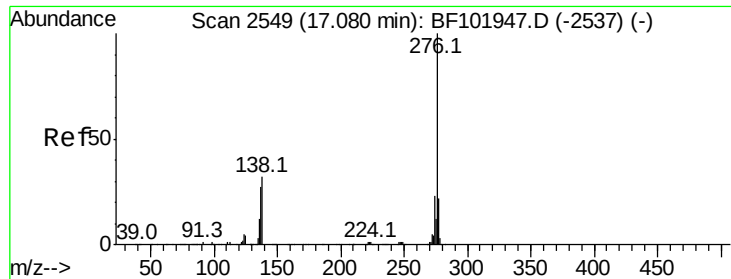
Tot Ion:252 Resp: 33506
Ion Ratio Lower Upper
252 100
253 57.2 17.9 26.9#
125 187.0 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 3.171 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.05 min
Lab File: BF102101.D
Acq: 16 Jan 2018 11:33

Tgt Ion:252 Resp: 28149
Ion Ratio Lower Upper
252 100
253 57.8 17.1 25.7#
125 181.8 9.8 14.6#





#91

Benzo(a,h,i)perylene

Concen: 2.657 ng

RT: 17.15 min Scan# 2561

Delta R.T. 0.06 min

Lab File: BF102101.D

Acq: 16 Jan 2018 11:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 18960

Ion Ratio Lower Upper

276 100

277 42.4 17.9 26.9#

138 77.7 21.8 32.8#

