

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
 Data File : BF106937.D
 Acq On : 28 Jun 2018 22:43
 Operator : JU/SJ
 Sample : J3717-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N48971

Quant Time: Jun 29 01:12:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	60984	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	193556	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	9916	20.00	ng	0.01
63) Phenanthrene-d10	11.51	188	983	20.00	ng	0.00
75) Chrysene-d12	14.21	240	66040	20.00	ng	0.04
86) Perylene-d12	15.71	264	152432	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	193250	53.66	ng	-0.02
7) Phenol-d6	6.59	99	152107	33.82	ng	-0.02
23) Nitrobenzene-d5	7.52	82	279093	80.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.89	330	29033	252.62	ng	0.09
44) 2-Fluorobiphenyl	9.33	172	419521	848.63	ng	0.00
78) Terphenyl-d14	13.17	244	93888	34.44	ng	0.09

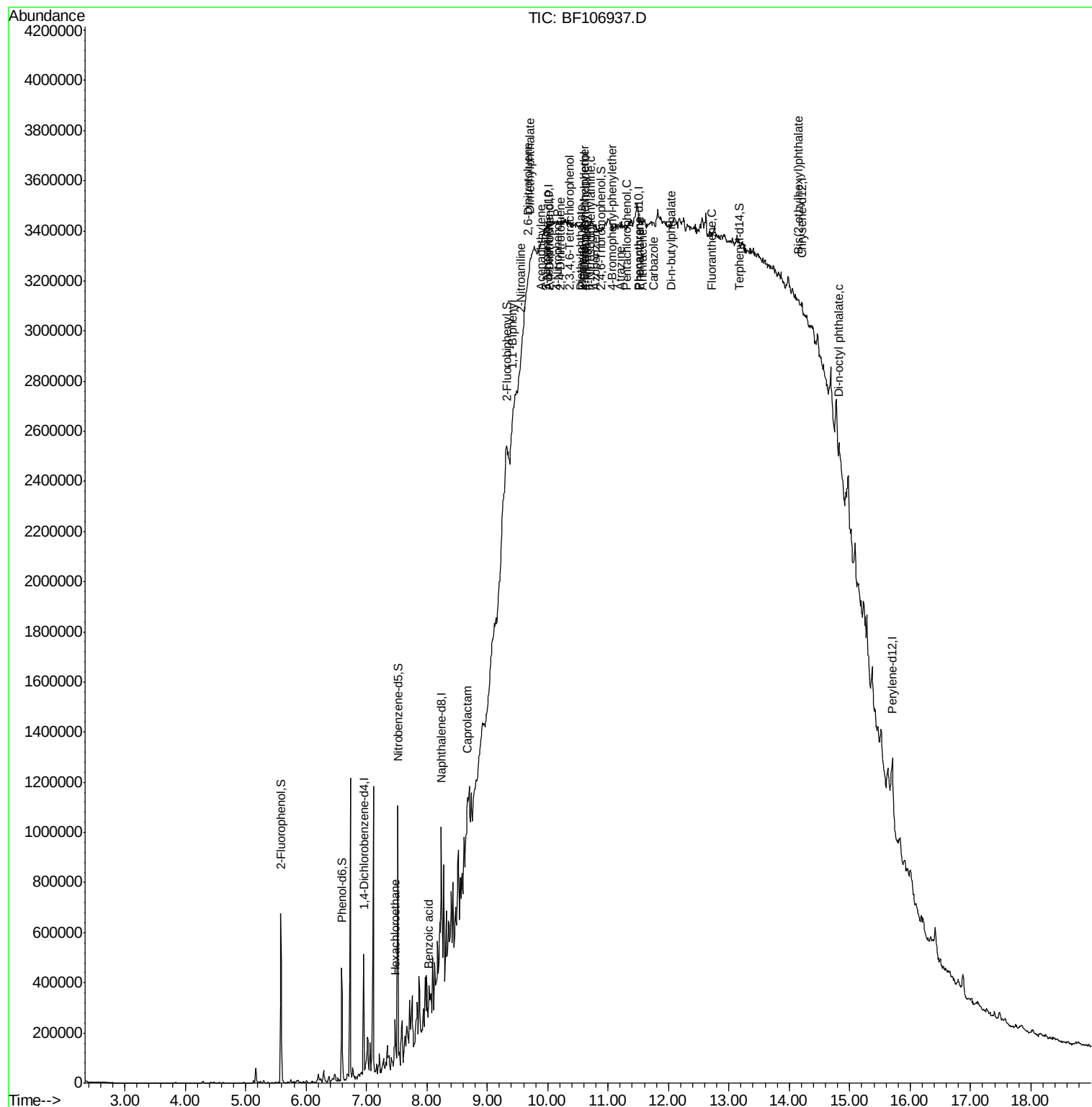
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	7.48	117	4920	2.991	ng	# 1
20) 3+4-Methylphenols	7.37	107	484	Below Cal		# 1
32) Benzoic acid	8.02	122	694	6.055	ng	# 7
35) Caprolactam	8.67	113	19373	21.879	ng	# 1
45) 1,1'-Biphenyl	9.42	154	12398	15.689	ng	# 4
47) 2-Nitroaniline	9.55	65	1939	9.270	ng	# 61
48) Acenaphthylene	9.88	152	2453	2.498	ng	# 1
49) Dimethylphthalate	9.71	163	2174	2.923	ng	# 1
50) 2,6-Dinitrotoluene	9.67	165	5725	36.353	ng	# 45
52) 3-Nitroaniline	10.00	138	1093	6.031	ng	# 40
53) 2,4-Dinitrophenol	10.04	184	110	6.606	ng	# 1
55) 4-Nitrophenol	10.16	139	1775	14.032	ng	# 1
56) 2,4-Dinitrotoluene	10.21	165	2801	13.626	ng	# 40
57) Fluorene	10.58	166	10379	15.445	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	10.37	232	521	2.830	ng	# 1
59) Diethylphthalate	10.55	149	5466	7.615	ng	# 4
60) 4-Chlorophenyl-phenylether	10.60	204	1243	3.535	ng	# 1
61) 4-Nitroaniline	10.65	138	806	4.481	ng	# 16
62) Azobenzene	10.78	77	2957	4.183	ng	# 35
64) 4,6-Dinitro-2-methylphenol	10.61	198	1428	235.009	ng	# 1
65) n-Nitrosodiphenylamine	10.71	169	19453	588.351	ng	# 63
66) 4-Bromophenyl-phenylether	11.07	248	2948	251.288	ng	# 1
68) Atrazine	11.20	200	3621	344.497	ng	# 1
69) Pentachlorophenol	11.30	266	1204	196.520	ng	# 25
70) Phenanthrene	11.51	178	1610	33.958	ng	# 1
71) Anthracene	11.57	178	3015	62.301	ng	# 1
72) Carbazole	11.75	167	2141	47.254	ng	# 1
73) Di-n-butylphthalate	12.04	149	652	12.215	ng	# 7
74) Fluoranthene	12.71	202	516	9.874	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.14	149	34959	15.272	ng	# 67
84) Di-n-octyl phthalate	14.82	149	8144	2.183	ng	# 75

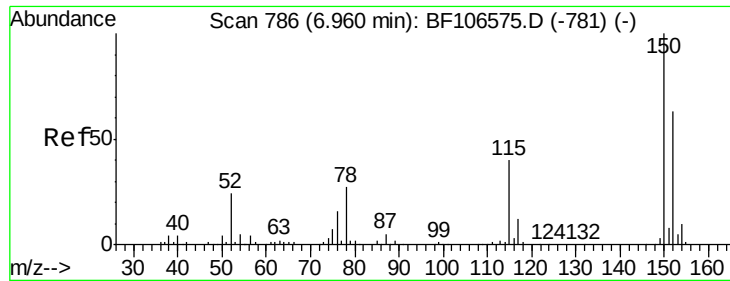
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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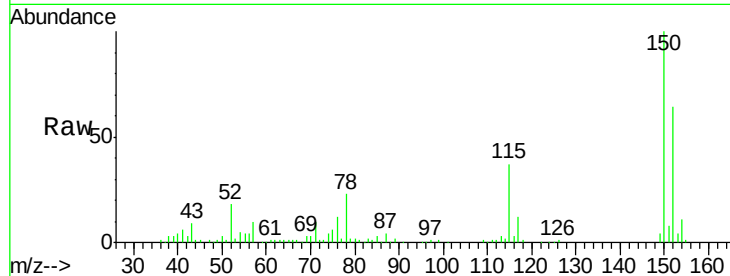


#1

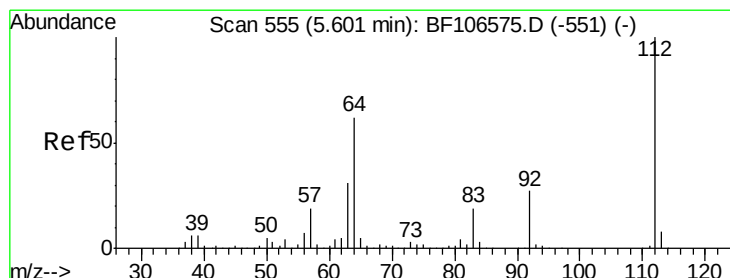
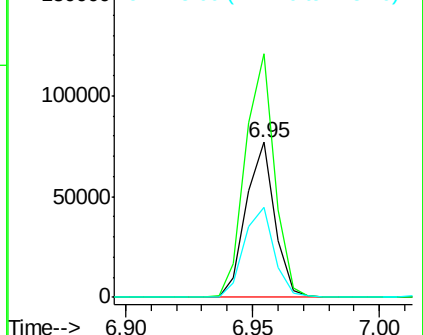
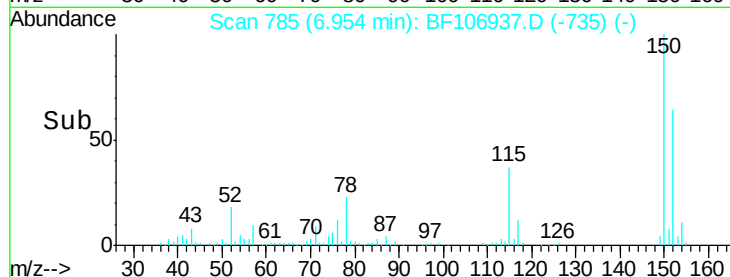
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106937.D
Acq: 28 Jun 2018 22:43

Instrument :
BNA_F
ClientSampleId :
N48971

Tgt Ion:152 Resp: 60984
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 57.7 50.1 75.1



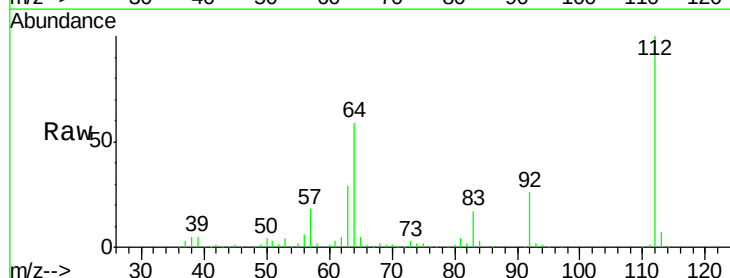
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



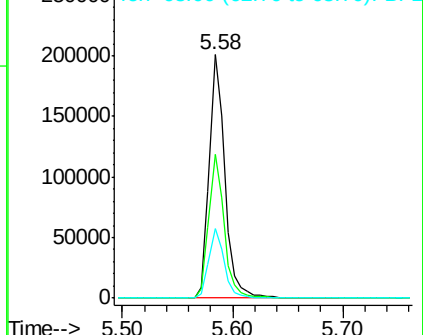
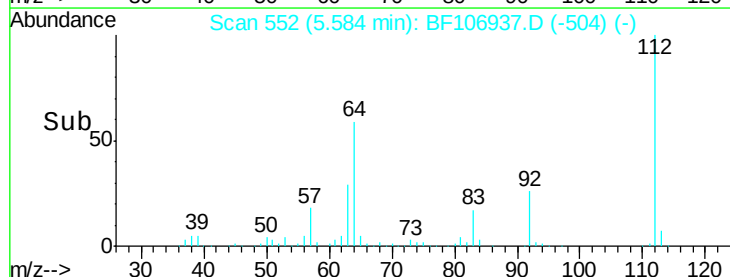
#5

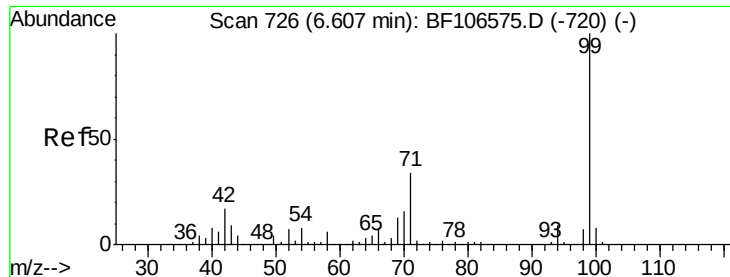
2-Fluorophenol
Concen: 53.659 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF106937.D
Acq: 28 Jun 2018 22:43

Tgt Ion:112 Resp: 193250
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 28.6 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





#7

Phenol-d6

Concen: 33.820 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

Instrument :

BNA_F

ClientSampleId :

N48971

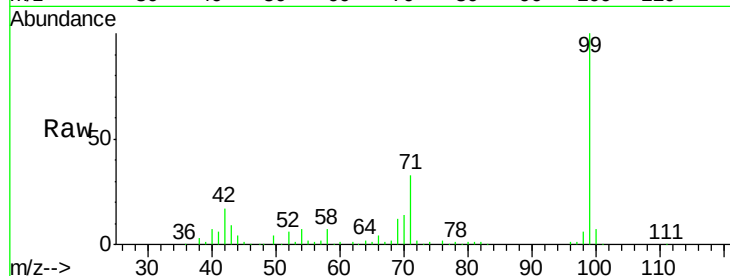
Tgt Ion: 99 Resp: 152107

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

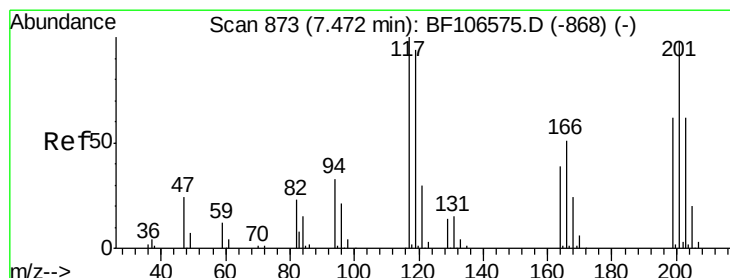
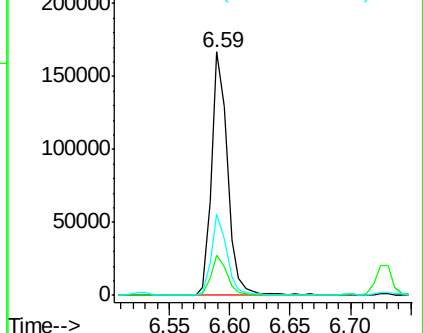
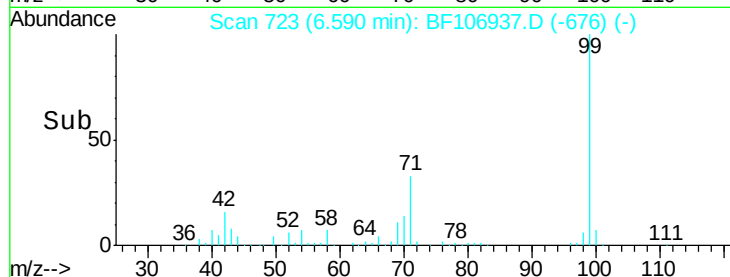
71 33.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#18

Hexachloroethane

Concen: 2.991 ng

RT: 7.48 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

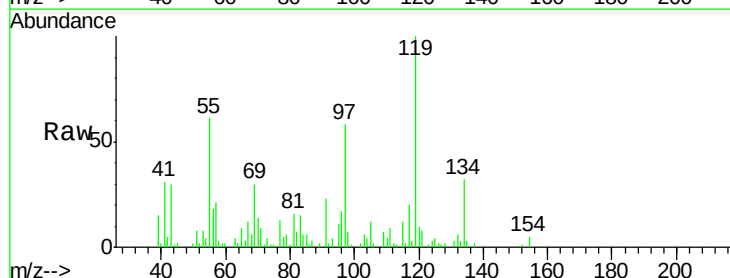
Tgt Ion: 117 Resp: 4920

Ion Ratio Lower Upper

117 100

119 507.6 75.8 113.8#

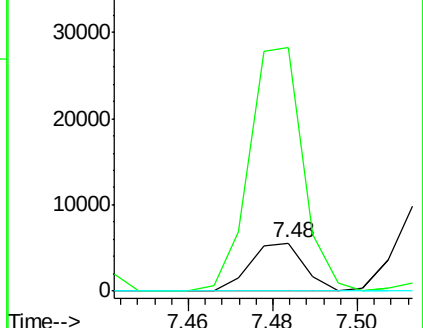
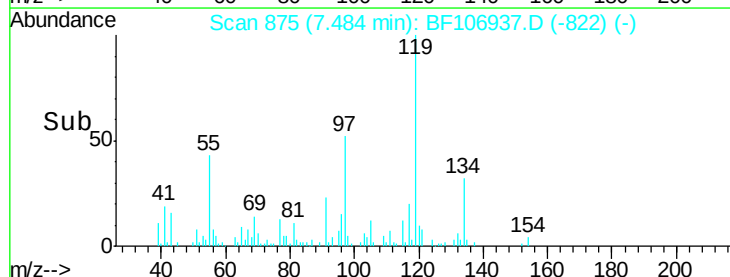
201 0.0 75.7 113.5#

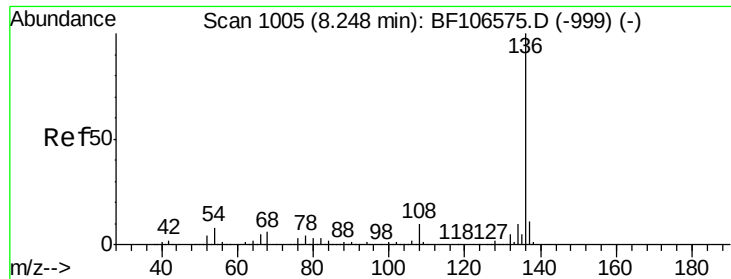


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

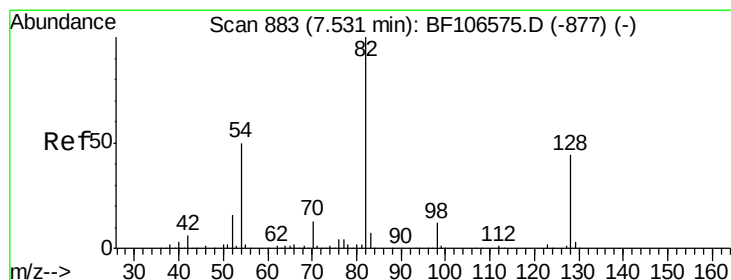
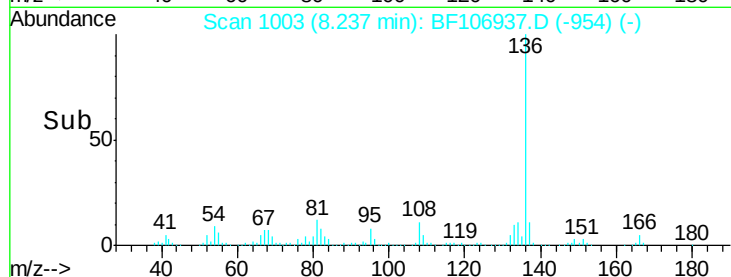
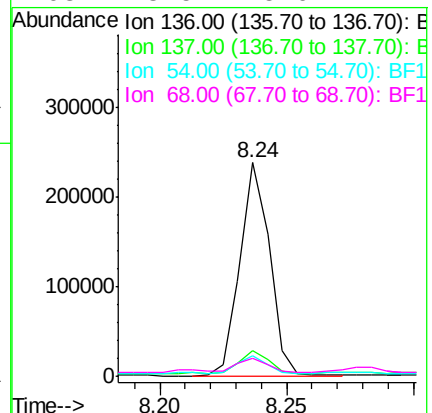
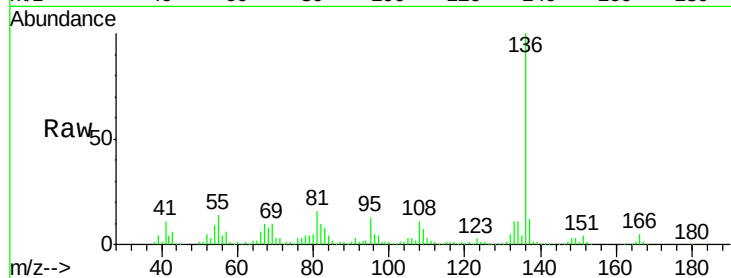




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106937.D
Acq: 28 Jun 2018 22:43

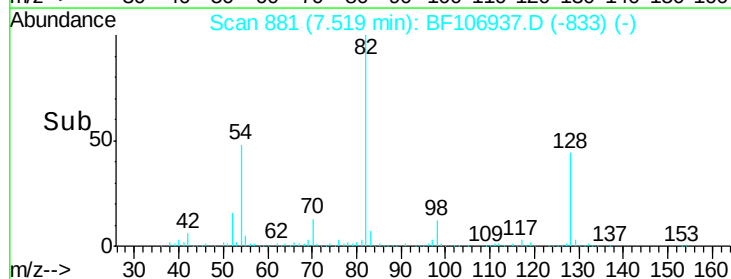
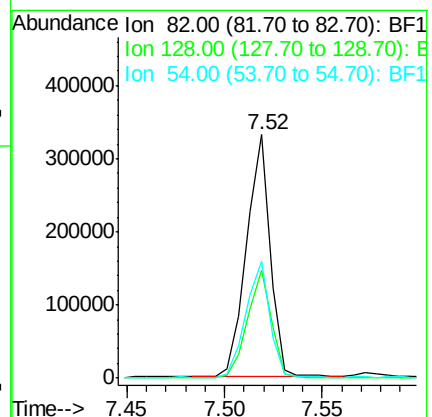
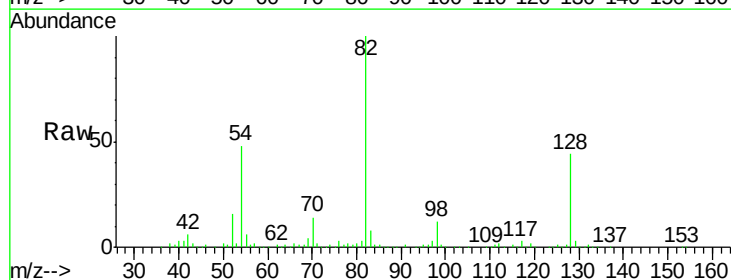
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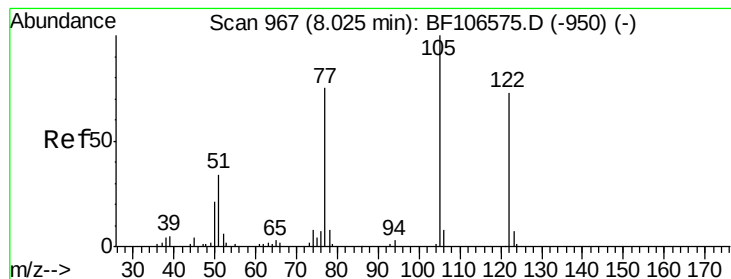
Tgt Ion:	136	Resp:	193556
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	9.3	6.6	9.8
68	8.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 80.133 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106937.D
Acq: 28 Jun 2018 22:43

Tgt Ion:	82	Resp:	279093
Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	48.1	41.4	62.2





#32

Benzoic acid

Concen: 6.055 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

Instrument :

BNA_F

ClientSampled :

N48971

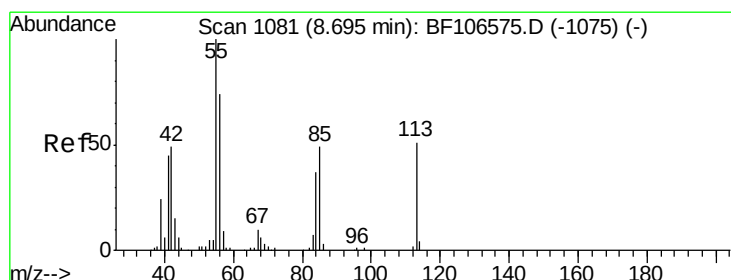
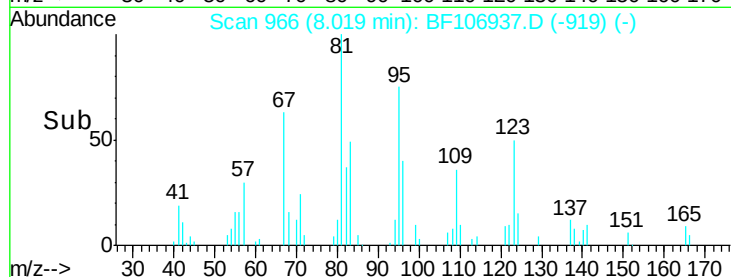
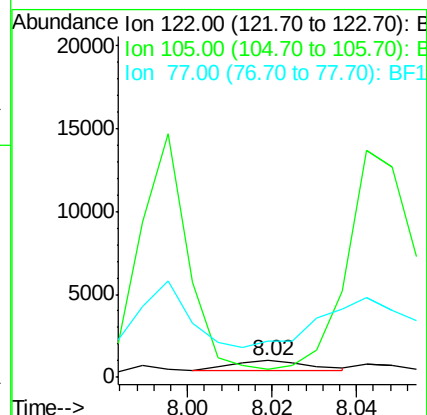
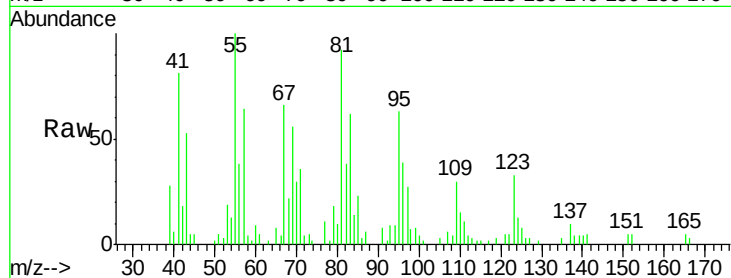
Tgt Ion:122 Resp: 694

Ion Ratio Lower Upper

122 100

105 50.0 101.1 141.1#

77 215.1 70.7 110.7#



#35

Caprolactam

Concen: 21.879 ng

RT: 8.67 min Scan# 1077

Delta R.T. -0.04 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

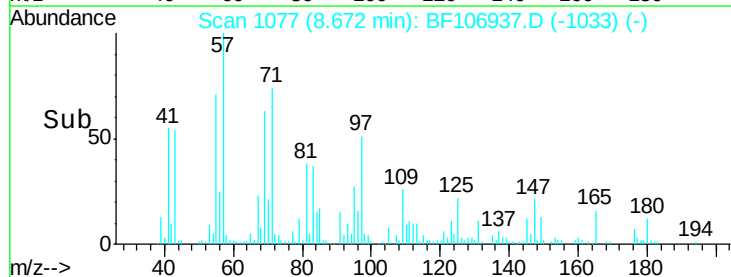
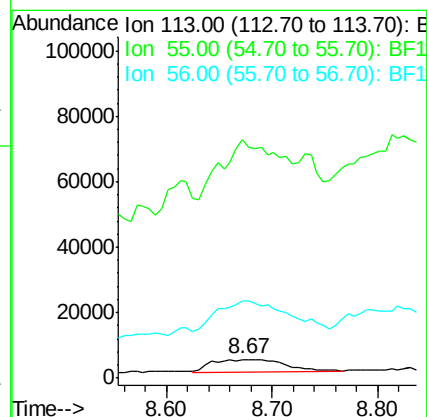
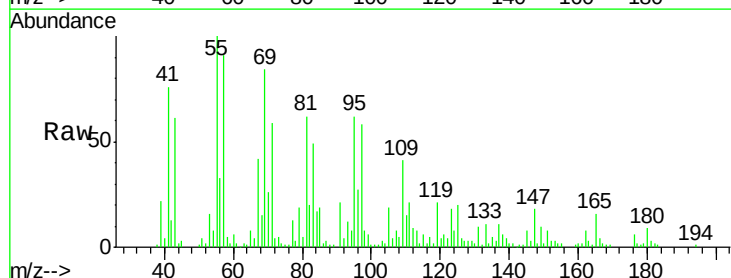
Tgt Ion:113 Resp: 19373

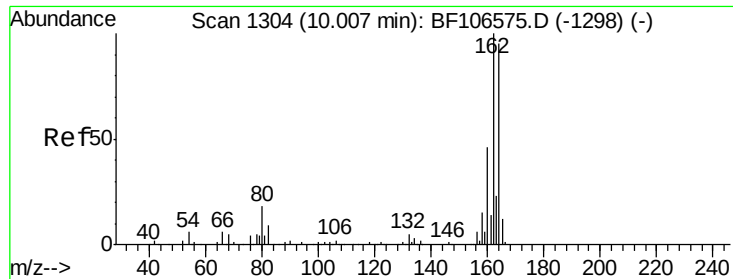
Ion Ratio Lower Upper

113 100

55 1297.3 163.3 203.3#

56 422.2 115.7 155.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

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BNA_F

ClientSampleId :

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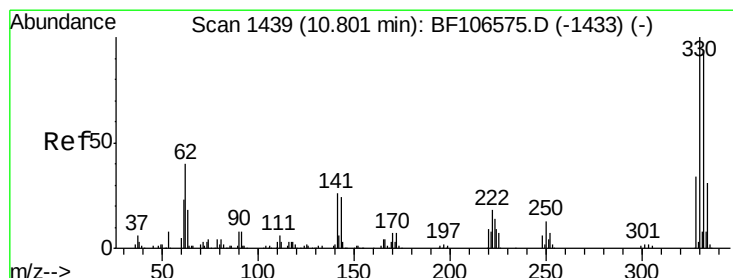
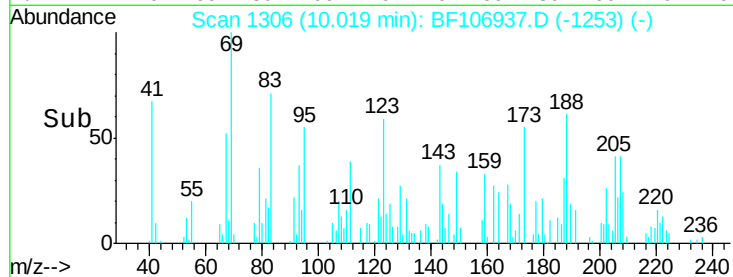
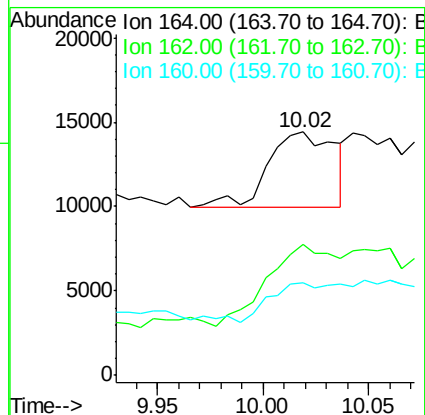
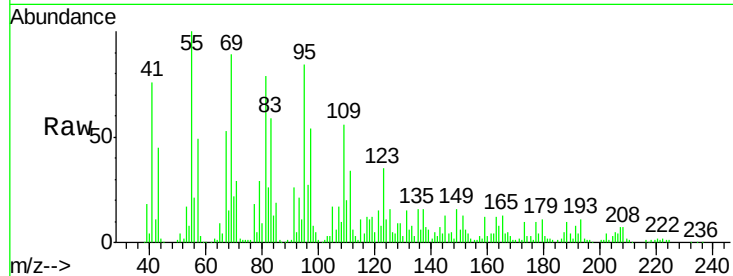
Tgt Ion:164 Resp: 9916

Ion Ratio Lower Upper

164 100

162 53.6 86.1 129.1#

160 37.9 38.3 57.5#



#41

2,4,6-Tribromophenol

Concen: 252.617 ng

RT: 10.89 min Scan# 1454

Delta R.T. 0.09 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

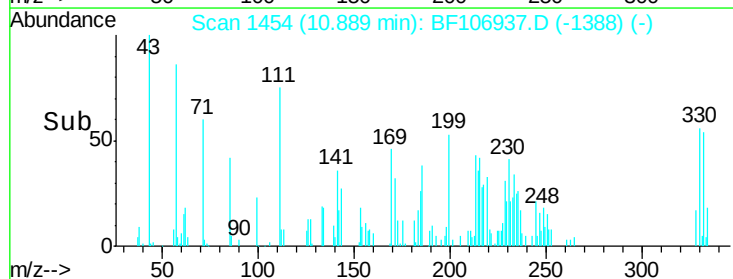
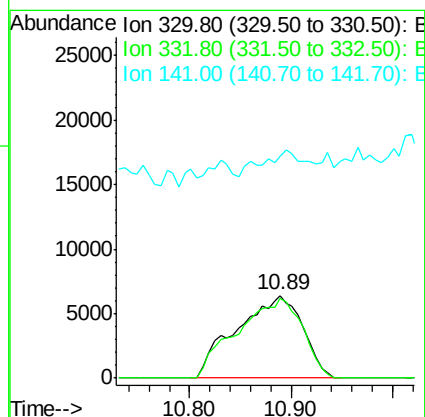
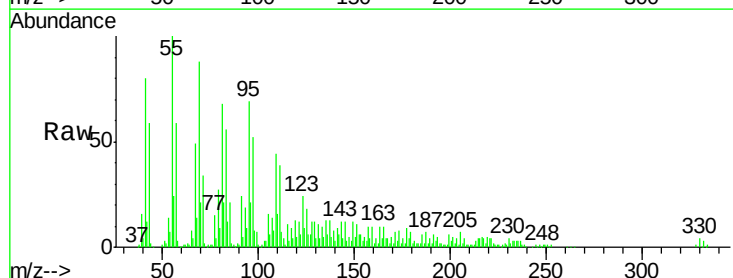
Tgt Ion:330 Resp: 29033

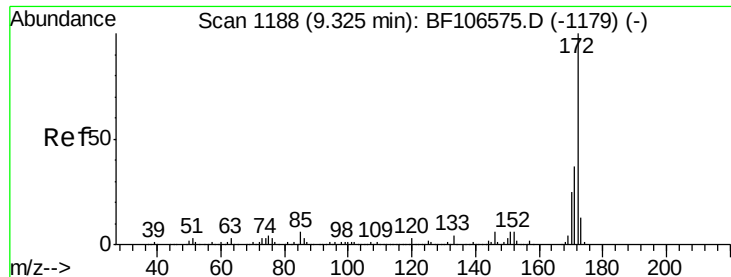
Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

141 20.0 29.9 44.9#

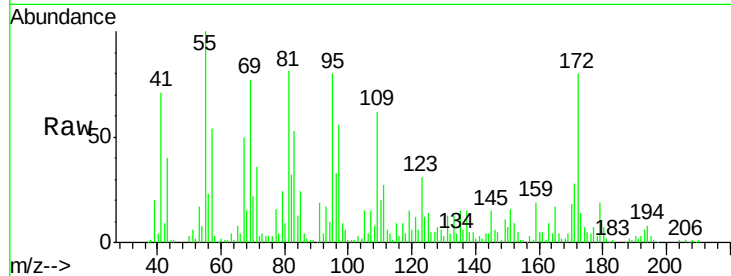




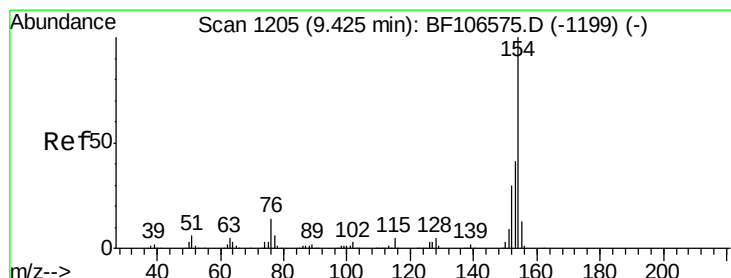
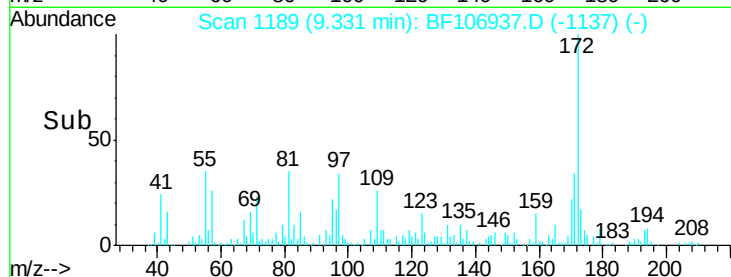
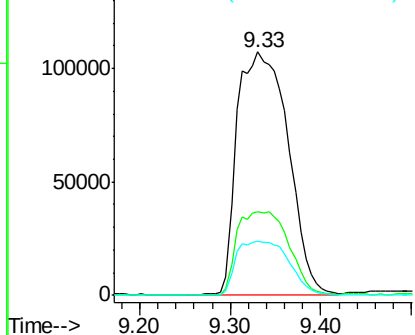
#44
 2-Fluorobiphenyl
 Concen: 848.630 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF106937.D
 Acq: 28 Jun 2018 22:43

Instrument :
 BNA_F
 ClientSampleId :
 N48971

Tgt Ion:172 Resp: 419521
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.7 44.5
 170 22.2 19.6 29.4

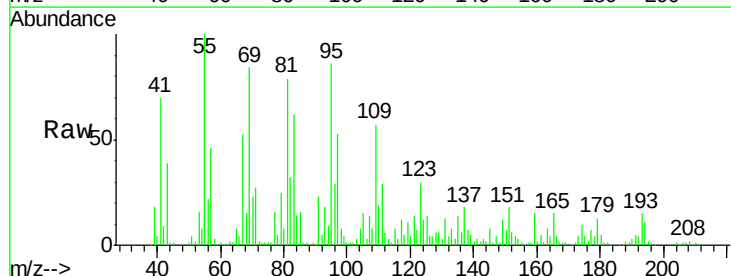


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

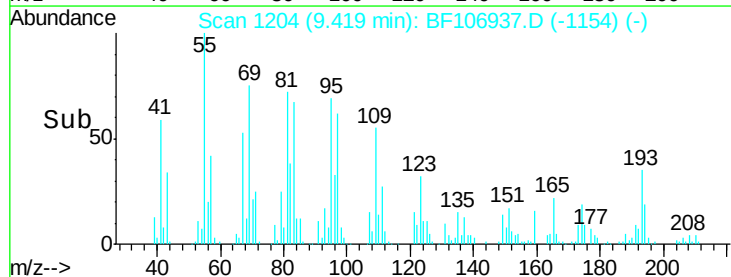
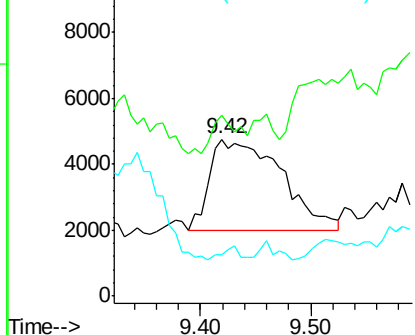


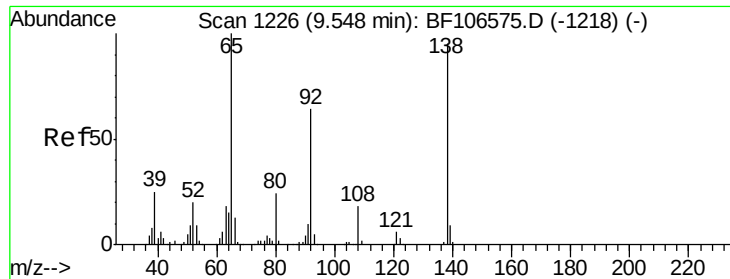
#45
 1,1'-Biphenyl
 Concen: 15.689 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF106937.D
 Acq: 28 Jun 2018 22:43

Tgt Ion:154 Resp: 12398
 Ion Ratio Lower Upper
 154 100
 153 115.8 21.3 61.3#
 76 26.2 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

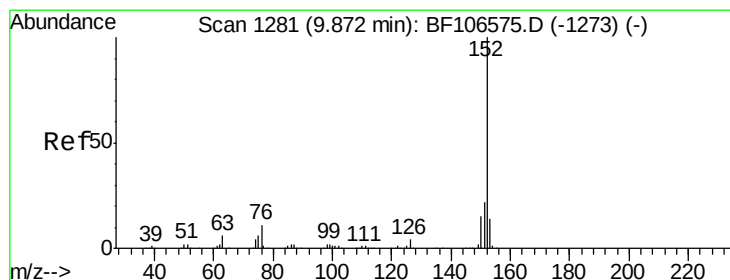
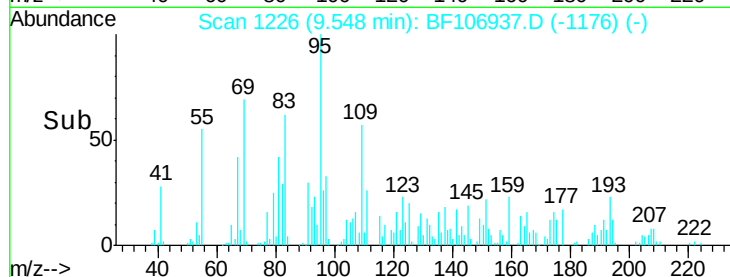
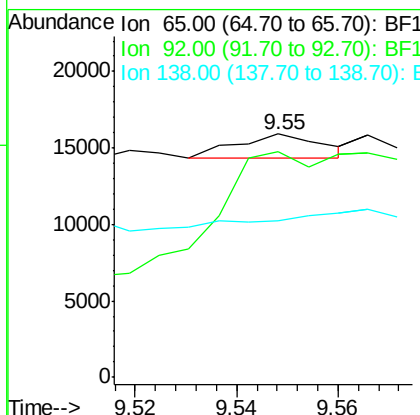
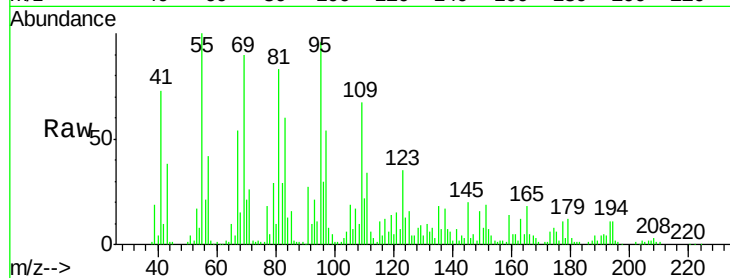




#47
2-Nitroaniline
Concen: 9.270 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106937.D
Acq: 28 Jun 2018 22:43

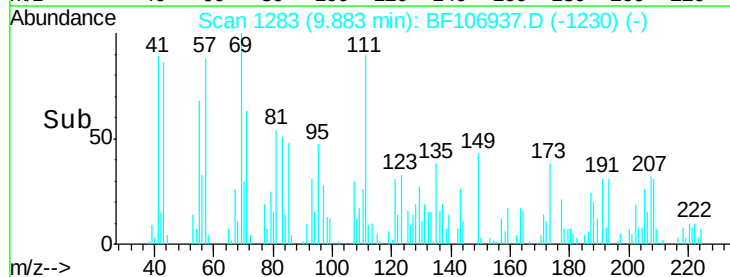
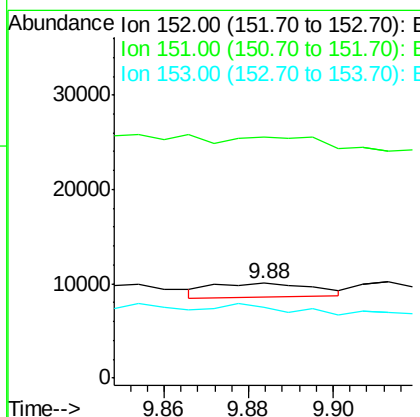
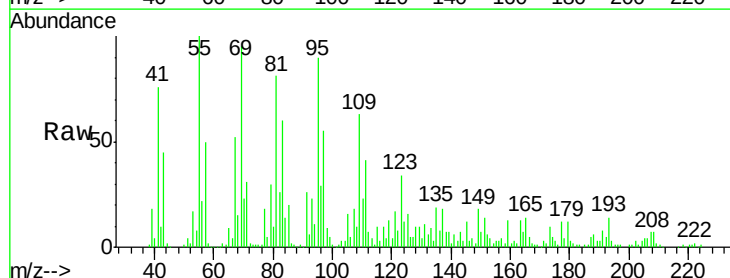
Instrument :
BNA_F
ClientSampleId :
N48971

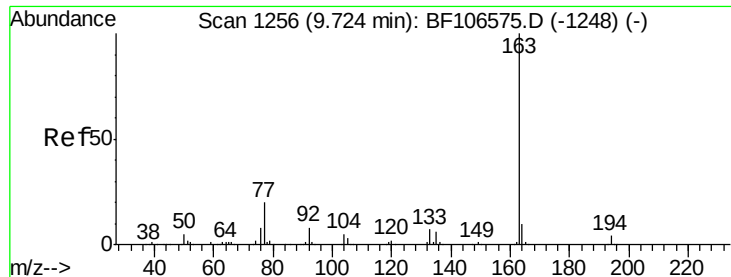
Tgt Ion: 65 Resp: 1939
Ion Ratio Lower Upper
65 100
92 92.9 55.8 83.6#
138 64.2 91.2 136.8#



#48
Acenaphthylene
Concen: 2.498 ng
RT: 9.88 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF106937.D
Acq: 28 Jun 2018 22:43

Tgt Ion: 152 Resp: 2453
Ion Ratio Lower Upper
152 100
151 253.5 16.3 24.5#
153 74.5 10.7 16.1#





#49

Dimethylphthalate

Concen: 2.923 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

Instrument :

BNA_F

ClientSampleId :

N48971

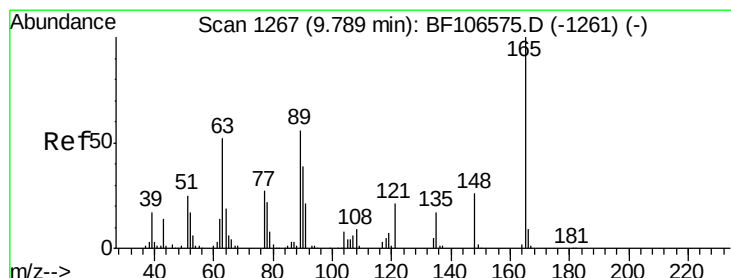
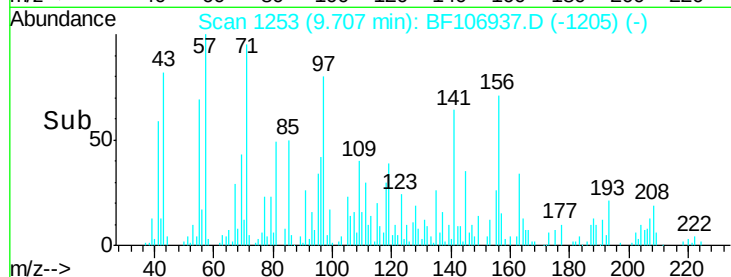
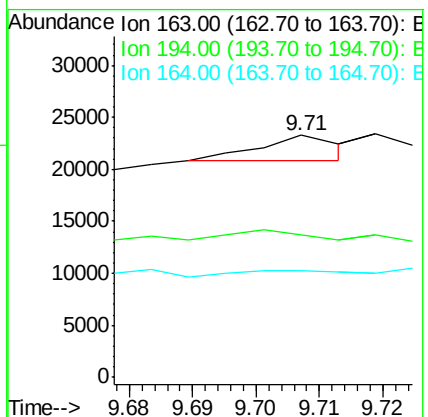
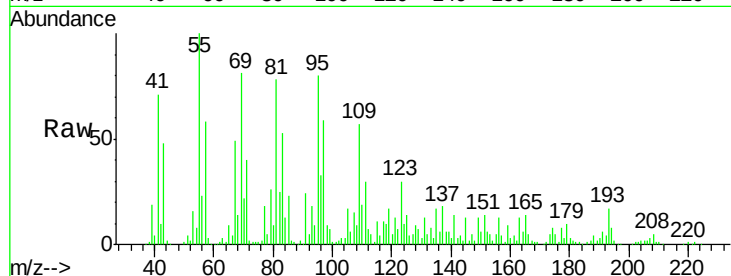
Tgt Ion:163 Resp: 2174

Ion Ratio Lower Upper

163 100

194 58.8 2.7 4.1#

164 43.9 8.2 12.2#



#50

2,6-Dinitrotoluene

Concen: 36.353 ng

RT: 9.67 min Scan# 1246

Delta R.T. -0.13 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

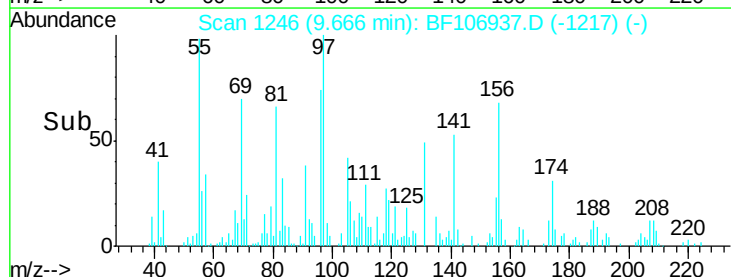
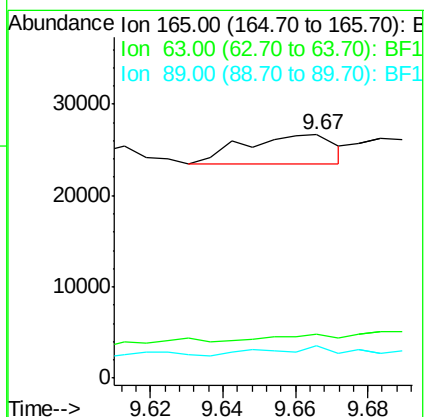
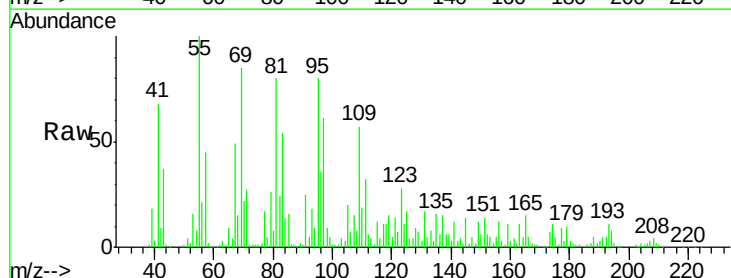
Tgt Ion:165 Resp: 5725

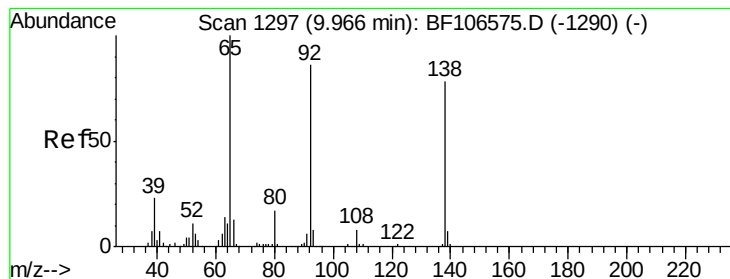
Ion Ratio Lower Upper

165 100

63 17.9 44.7 67.1#

89 13.1 44.0 66.0#





#52

3-Nitroaniline

Concen: 6.031 ng

RT: 10.00 min Scan# 1302

Delta R.T. 0.02 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

Instrument :

BNA_F

ClientSampleId :

N48971

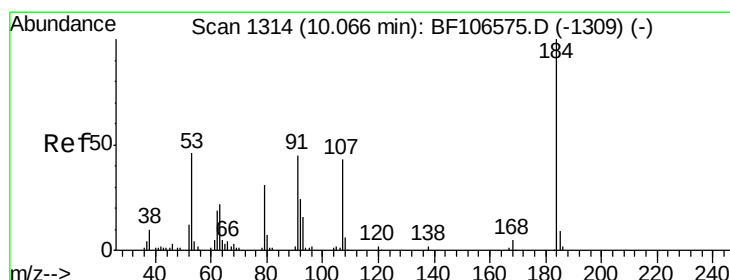
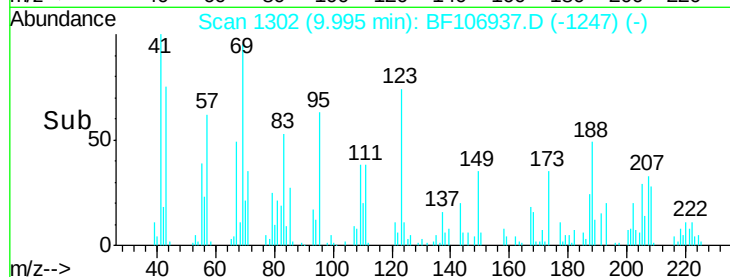
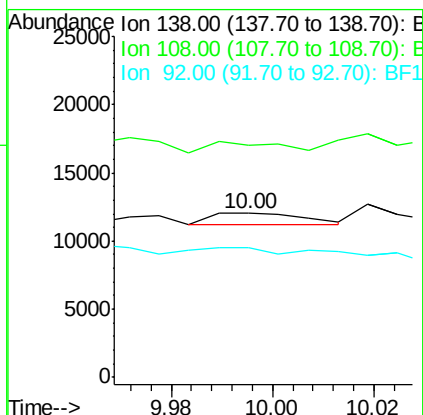
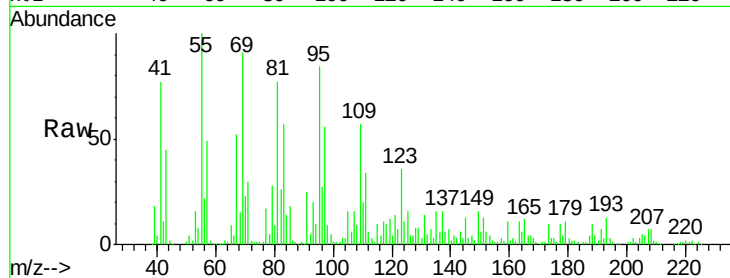
Tgt Ion:138 Resp: 1093

Ion Ratio Lower Upper

138 100

108 141.5 9.4 14.0#

92 78.8 89.4 134.2#



#53

2,4-Dinitrophenol

Concen: 6.606 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.04 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

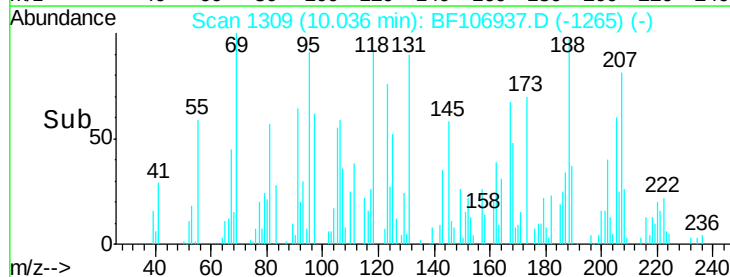
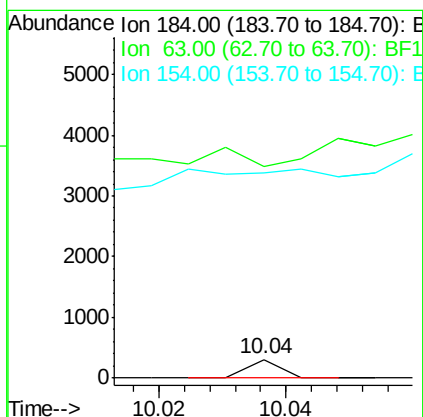
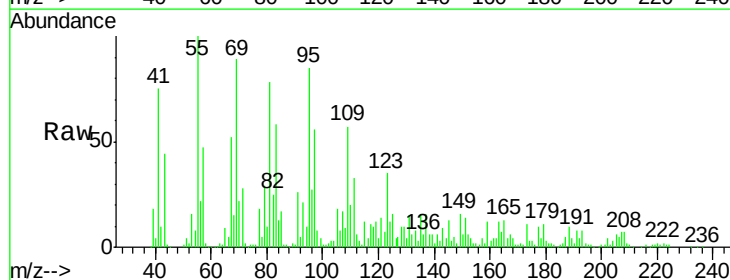
Tgt Ion:184 Resp: 110

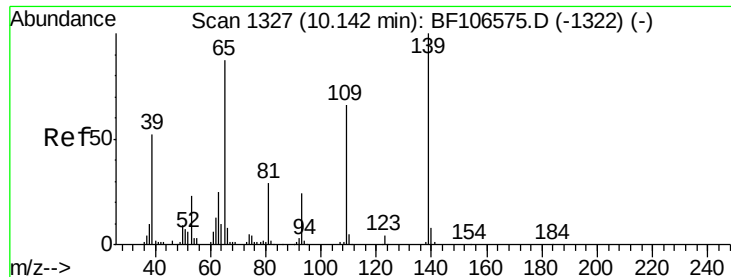
Ion Ratio Lower Upper

184 100

63 1116.7 54.2 81.2#

154 1083.0 184.0 276.0#

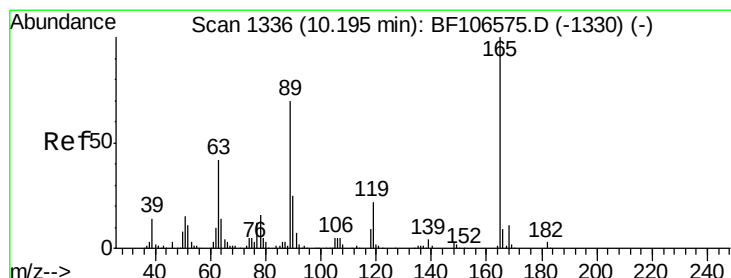
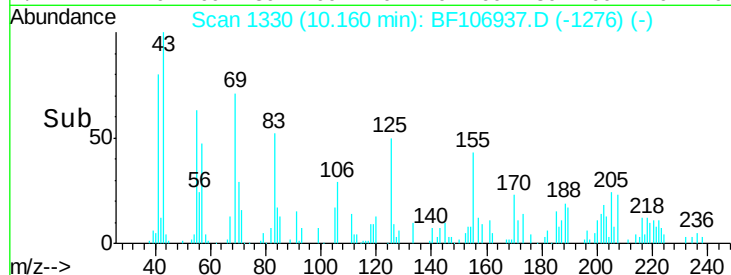
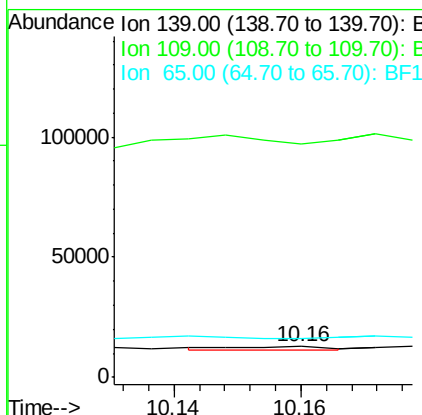
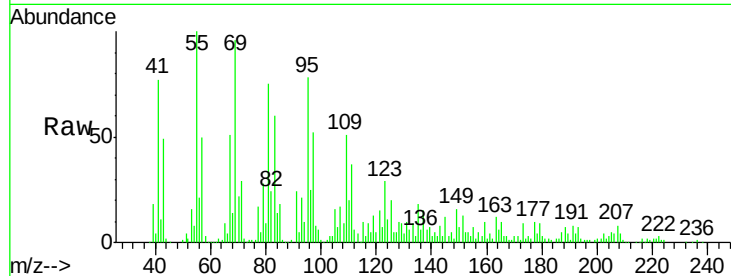




#55
4-Nitrophenol
Concen: 14.032 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF106937.D
Acq: 28 Jun 2018 22:43

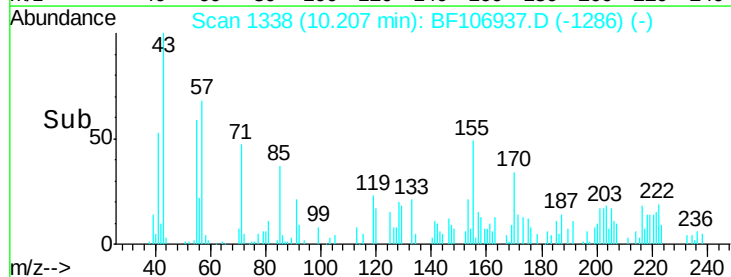
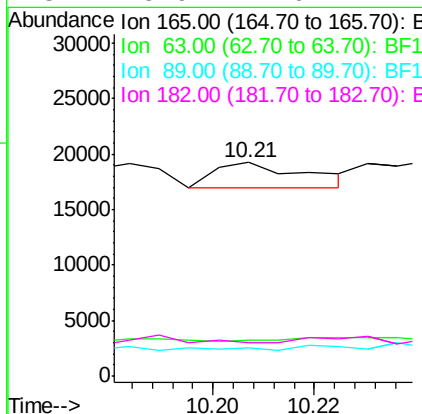
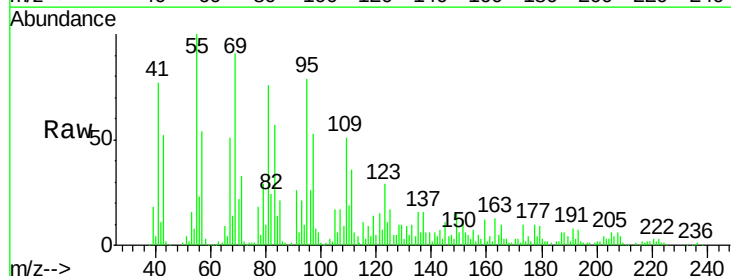
Instrument :
BNA_F
ClientSampled :
N48971

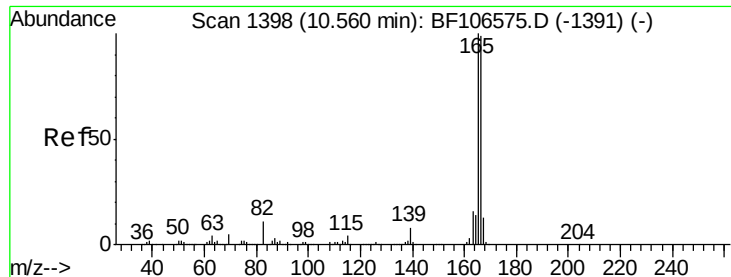
Tgt Ion:139 Resp: 1775
Ion Ratio Lower Upper
139 100
109 756.8 48.4 88.4#
65 127.9 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 13.626 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF106937.D
Acq: 28 Jun 2018 22:43

Tgt Ion:165 Resp: 2801
Ion Ratio Lower Upper
165 100
63 17.0 36.4 54.6#
89 13.2 57.8 86.6#
182 15.9 1.6 2.4#





#57

Fluorene

Concen: 15.445 ng

RT: 10.58 min Scan# 1402

Delta R.T. 0.02 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

Instrument :

BNA_F

ClientSampleId :

N48971

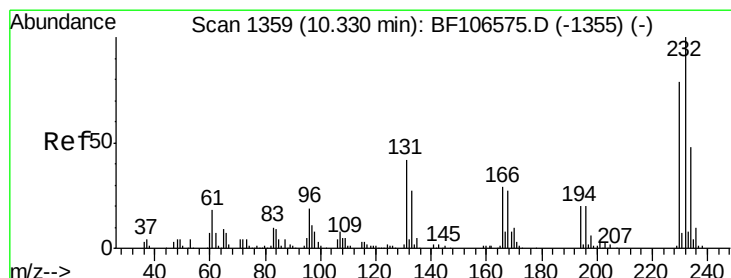
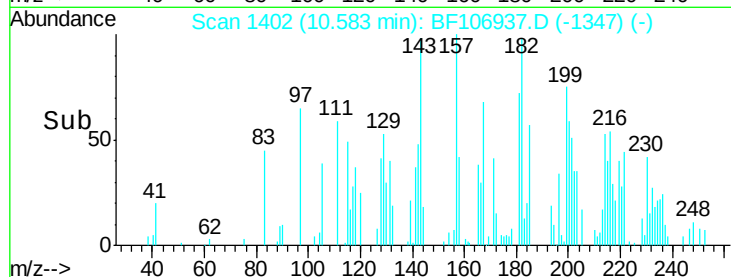
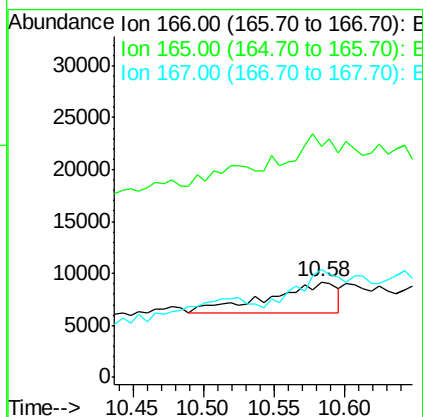
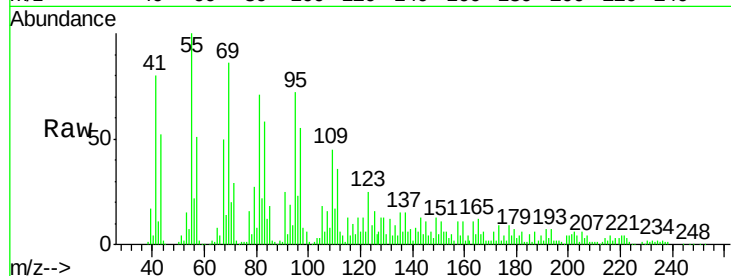
Tgt Ion:166 Resp: 10379

Ion Ratio Lower Upper

166 100

165 242.4 79.8 119.8#

167 113.8 10.6 16.0#



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.830 ng

RT: 10.37 min Scan# 1365

Delta R.T. 0.03 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

Tgt Ion:232 Resp: 521

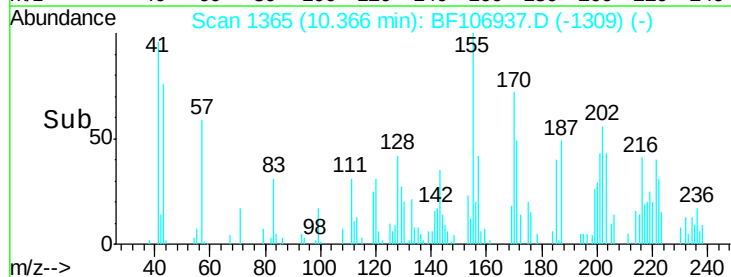
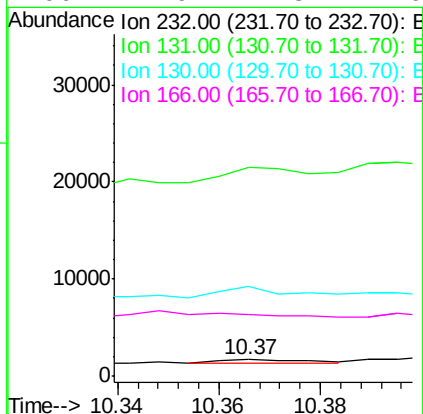
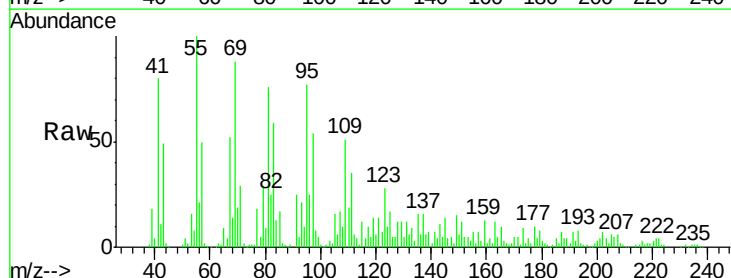
Ion Ratio Lower Upper

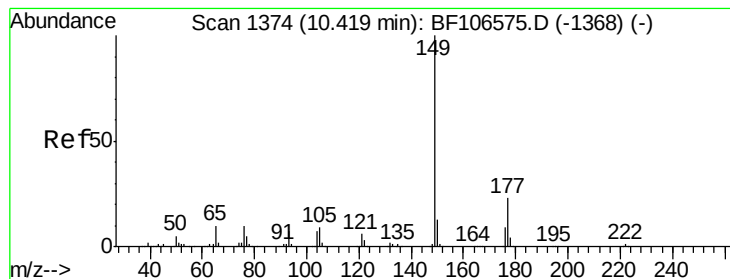
232 100

131 981.6 43.8 65.8#

130 844.5 2.1 3.1#

166 177.9 27.8 41.6#





#59

Diethylphthalate

Concen: 7.615 ng

RT: 10.55 min Scan# 1396

Delta R.T. 0.13 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

Instrument :

BNA_F

ClientSampleId :

N48971

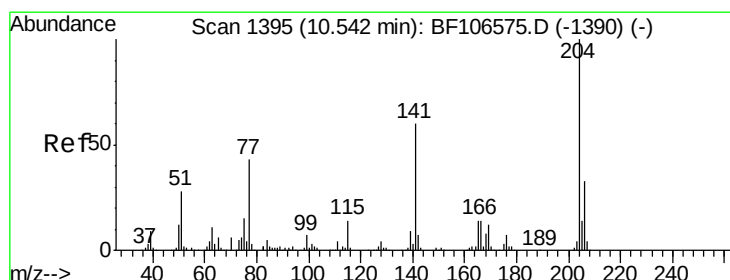
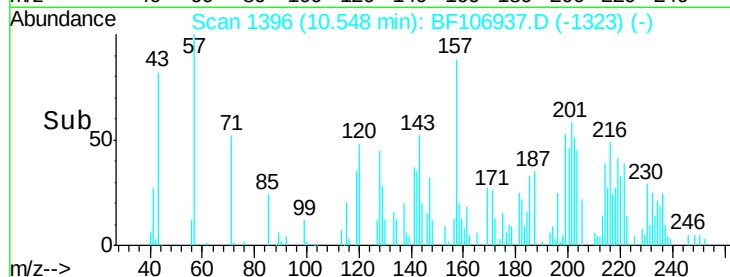
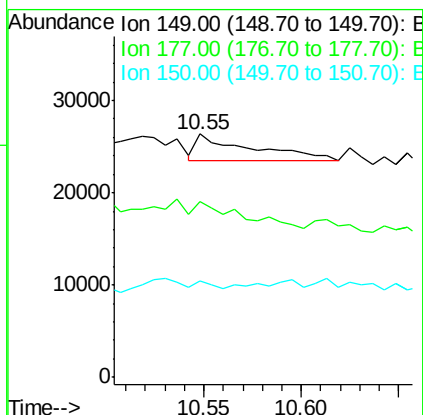
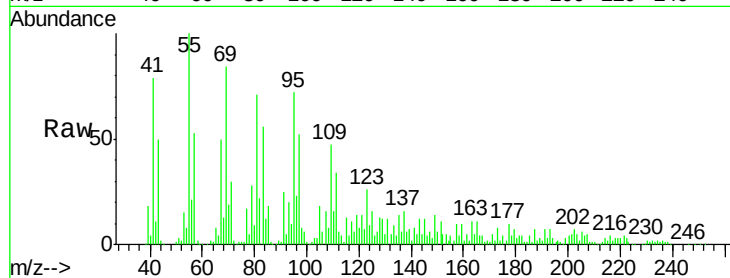
Tgt Ion:149 Resp: 5466

Ion Ratio Lower Upper

149 100

177 72.2 16.1 24.1#

150 39.4 10.1 15.1#



#60

4-Chlorophenyl-phenylether

Concen: 3.535 ng

RT: 10.60 min Scan# 1405

Delta R.T. 0.06 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

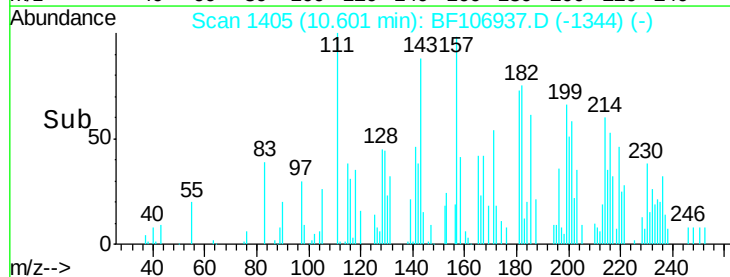
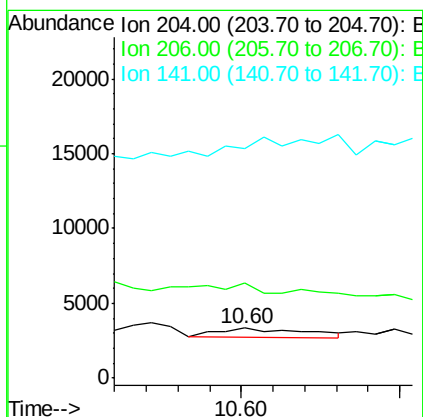
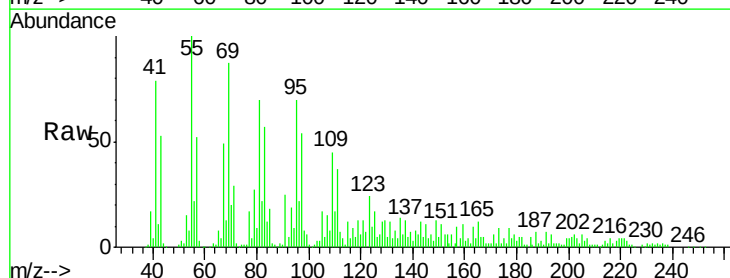
Tgt Ion:204 Resp: 1243

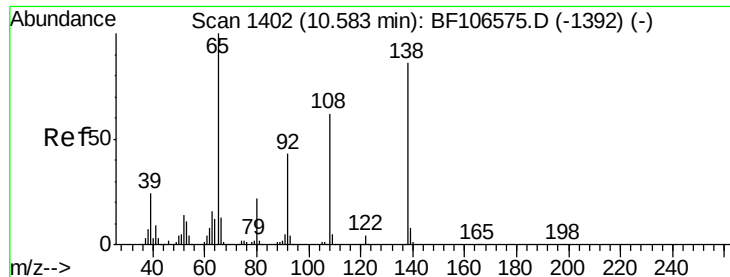
Ion Ratio Lower Upper

204 100

206 188.2 26.5 39.7#

141 455.7 54.6 81.8#

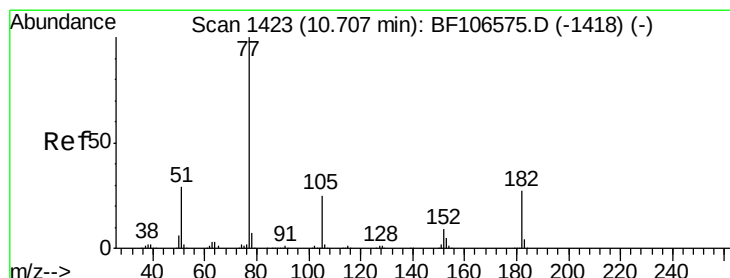
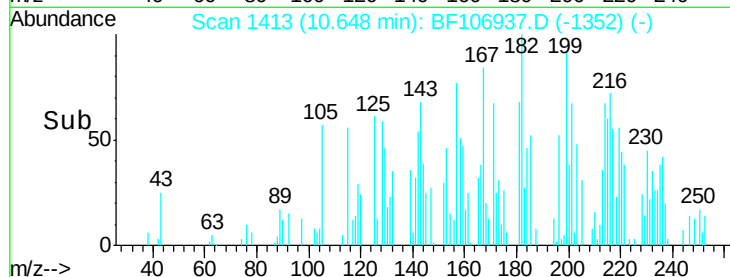
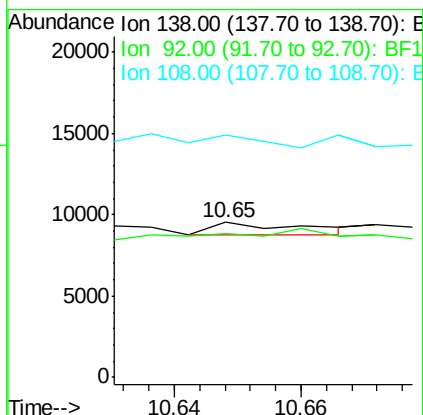
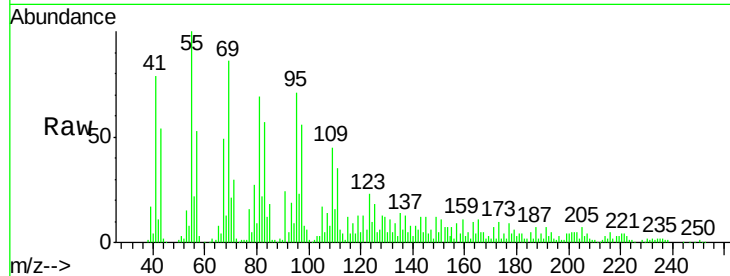




#61
4-Nitroaniline
Concen: 4.481 ng
RT: 10.65 min Scan# 1413
Delta R.T. 0.06 min
Lab File: BF106937.D
Acq: 28 Jun 2018 22:43

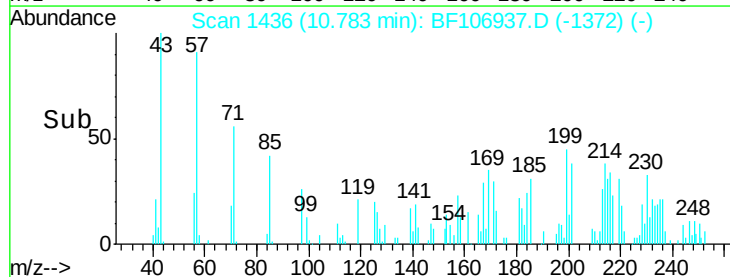
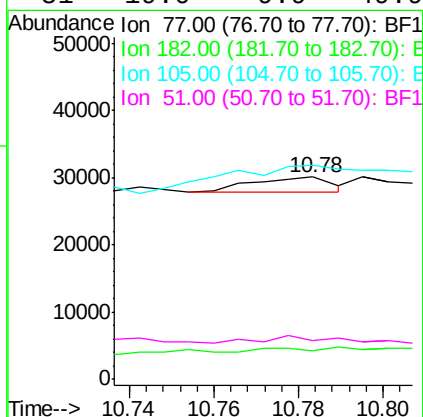
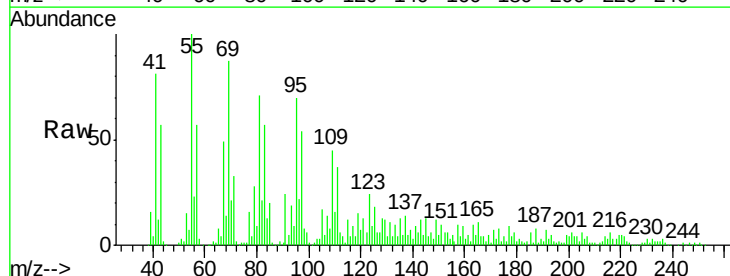
Instrument :
BNA_F
ClientSampled :
N48971

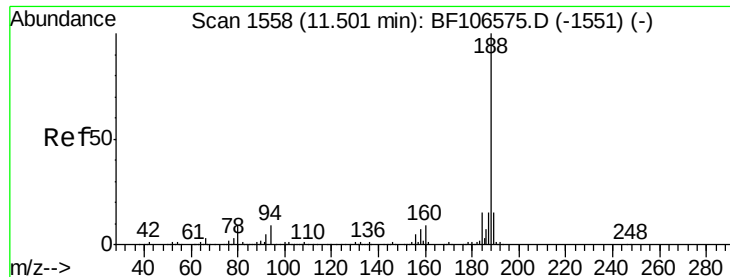
Tgt Ion:138 Resp: 806
Ion Ratio Lower Upper
138 100
92 92.5 30.2 70.2#
108 156.3 52.5 92.5#



#62
Azobenzene
Concen: 4.183 ng
RT: 10.78 min Scan# 1436
Delta R.T. 0.08 min
Lab File: BF106937.D
Acq: 28 Jun 2018 22:43

Tgt Ion: 77 Resp: 2957
Ion Ratio Lower Upper
77 100
182 14.0 1.7 41.7
105 105.7 3.0 43.0#
51 19.0 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

Instrument :

BNA_F

ClientSampleId :

N48971

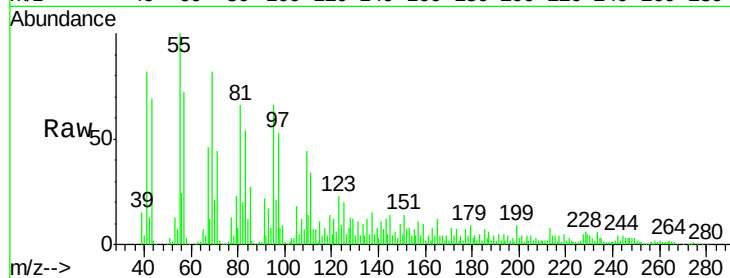
Tgt Ion:188 Resp: 983

Ion Ratio Lower Upper

188 100

94 490.9 8.5 12.7#

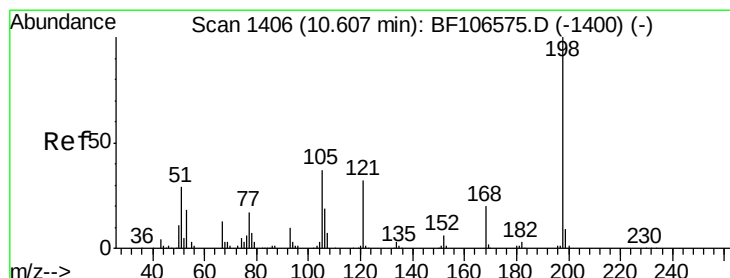
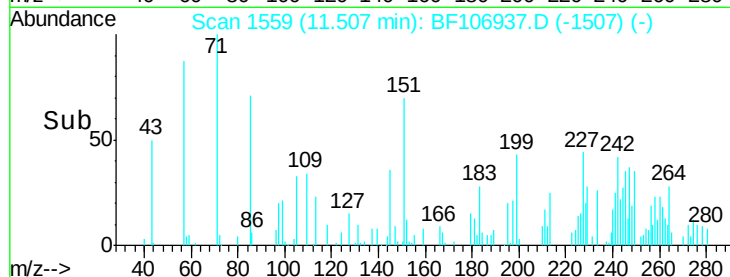
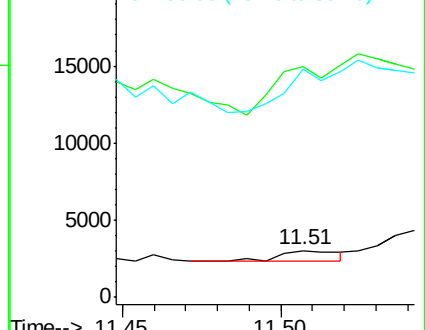
80 487.7 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 235.009 ng

RT: 10.61 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

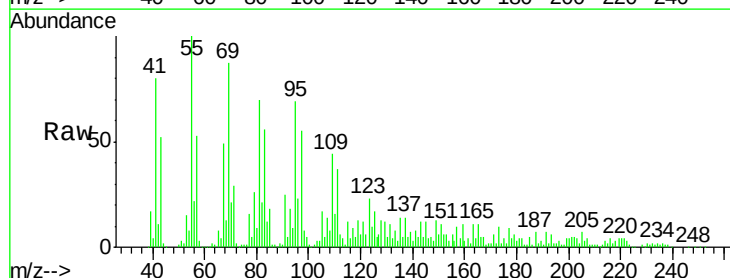
Tgt Ion:198 Resp: 1428

Ion Ratio Lower Upper

198 100

51 531.8 37.7 77.7#

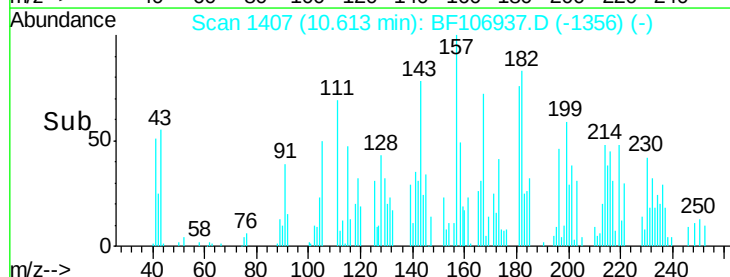
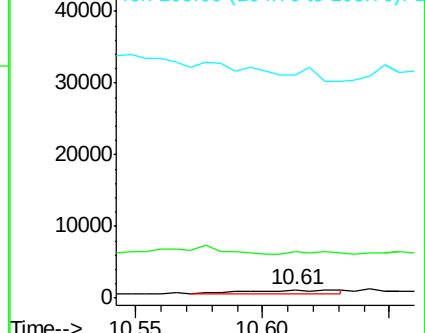
105 2579.8 36.3 76.3#

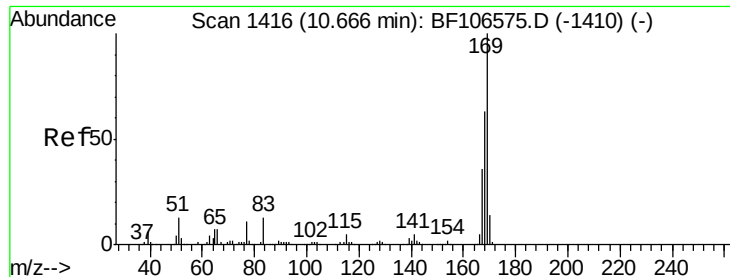


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 588.351 ng

RT: 10.71 min Scan# 1424

Delta R.T. 0.05 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

Instrument :

BNA_F

ClientSampleId :

N48971

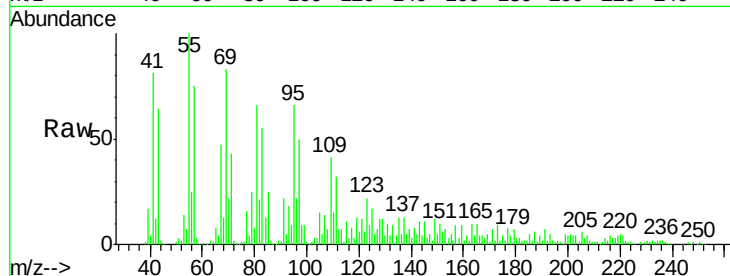
Tgt Ion:169 Resp: 19453

Ion Ratio Lower Upper

169 100

168 56.8 54.4 81.6

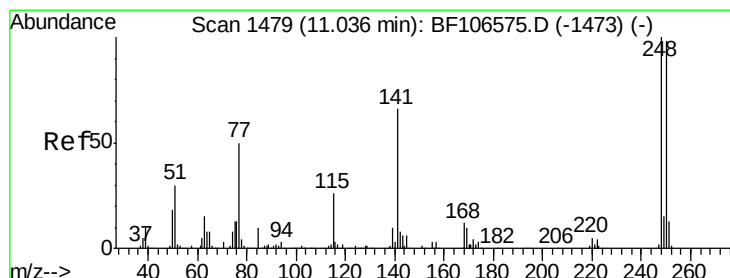
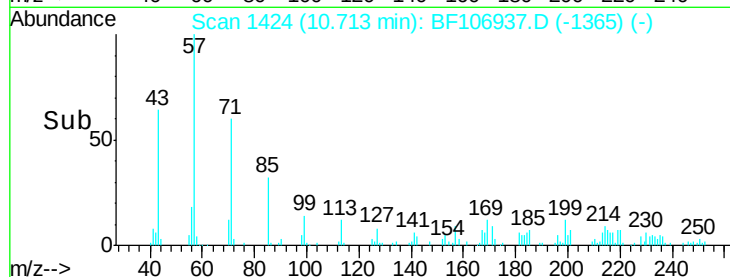
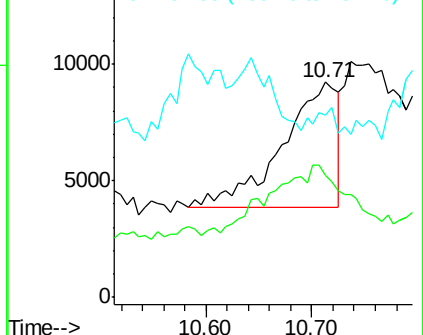
167 84.5 29.8 44.6#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 251.288 ng

RT: 11.07 min Scan# 1484

Delta R.T. 0.03 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

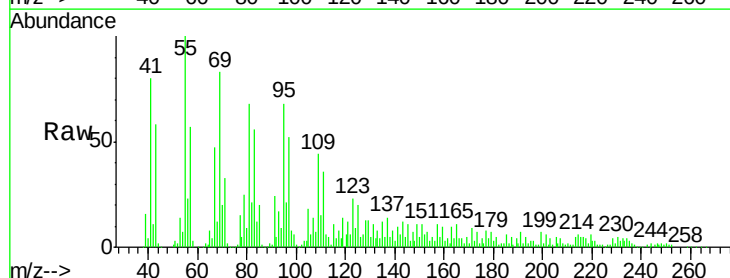
Tgt Ion:248 Resp: 2948

Ion Ratio Lower Upper

248 100

250 114.6 76.9 115.3

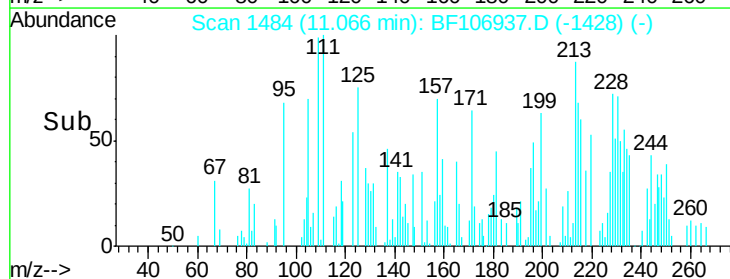
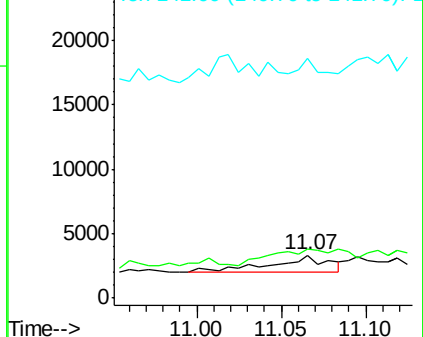
141 559.8 74.4 111.6#

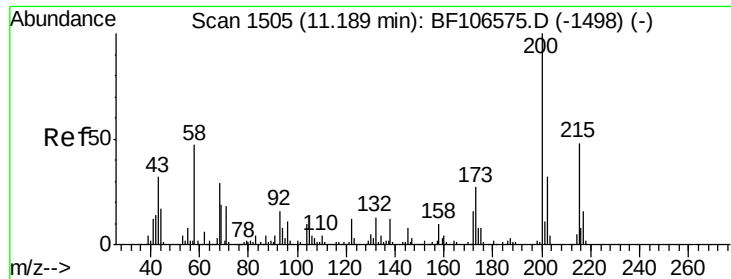


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

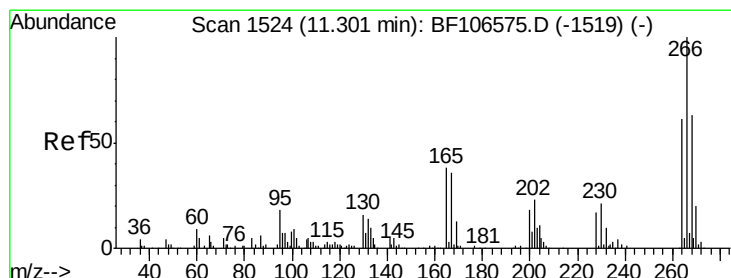
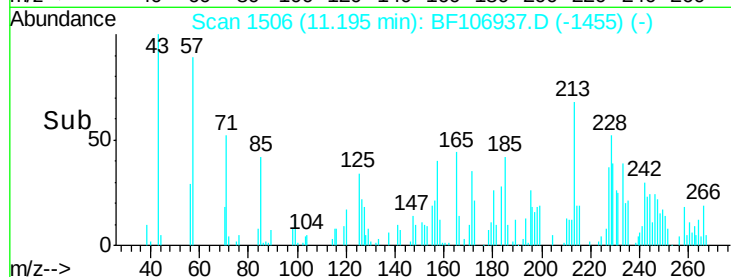
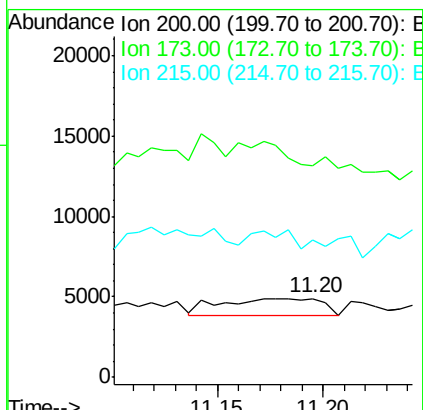
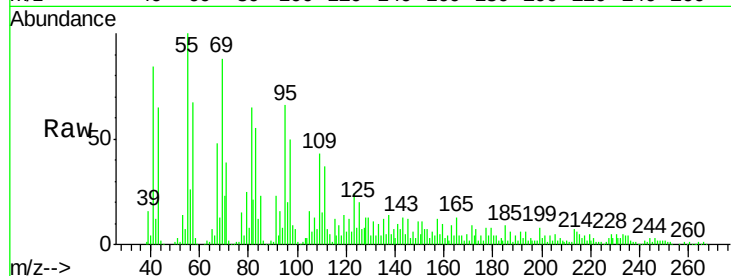




#68
Atrazine
Concen: 344.497 ng
RT: 11.20 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF106937.D
Acq: 28 Jun 2018 22:43

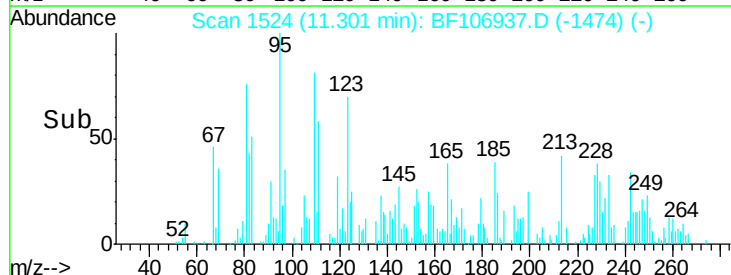
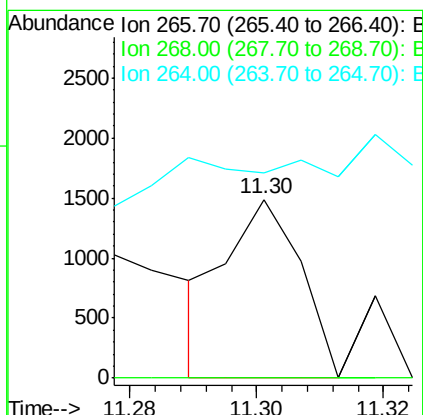
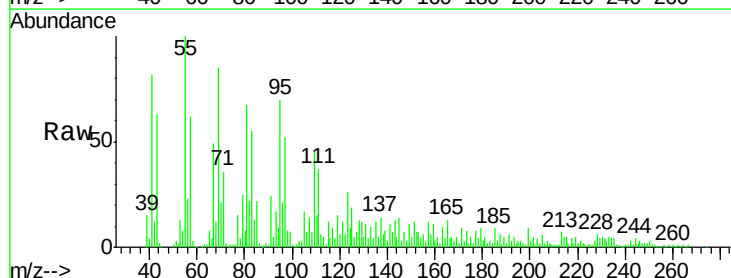
Instrument :
BNA_F
ClientSampleId :
N48971

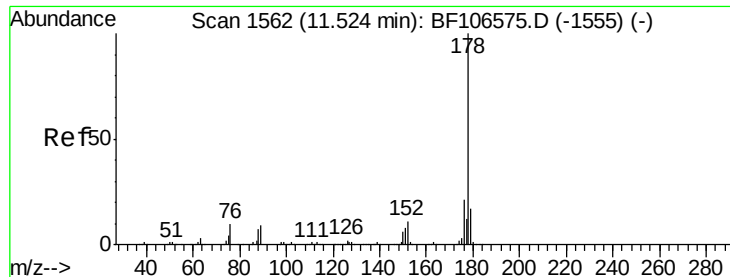
Tgt Ion:200 Resp: 3621
Ion Ratio Lower Upper
200 100
173 268.9 8.6 48.6#
215 174.2 25.1 65.1#



#69
Pentachlorophenol
Concen: 196.520 ng
RT: 11.30 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF106937.D
Acq: 28 Jun 2018 22:43

Tgt Ion:266 Resp: 1204
Ion Ratio Lower Upper
266 100
268 0.0 51.1 76.7#
264 114.7 49.5 74.3#





#70

Phenanthrene

Concen: 33.958 ng

RT: 11.51 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

Instrument :

BNA_F

ClientSampleId :

N48971

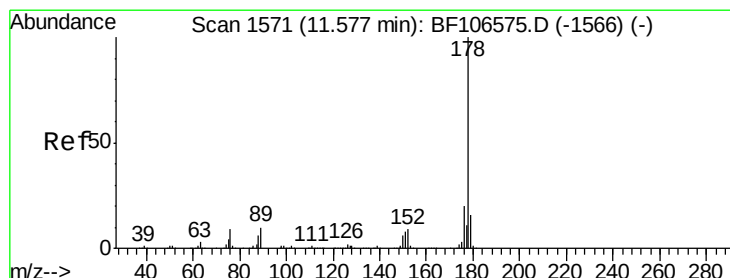
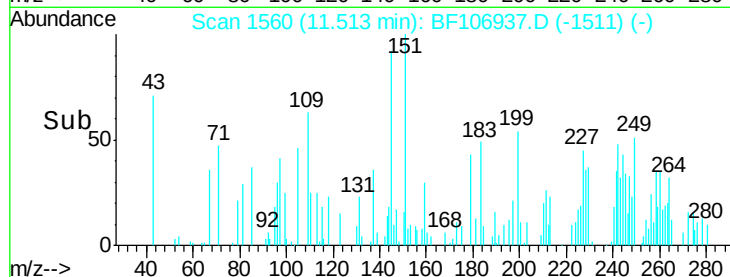
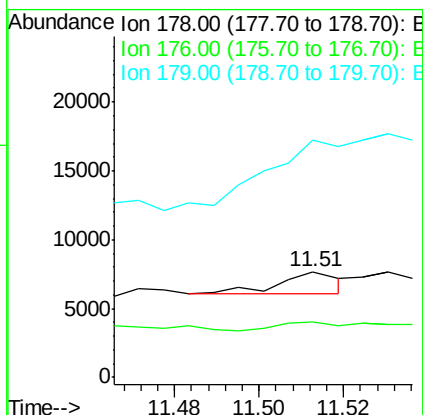
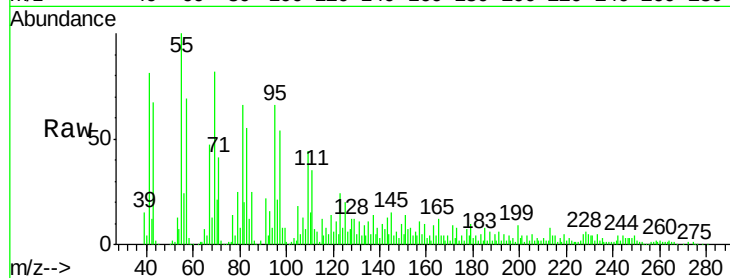
Tgt Ion:178 Resp: 1610

Ion Ratio Lower Upper

178 100

176 52.4 15.8 23.8#

179 224.7 13.0 19.6#



#71

Anthracene

Concen: 62.301 ng

RT: 11.57 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

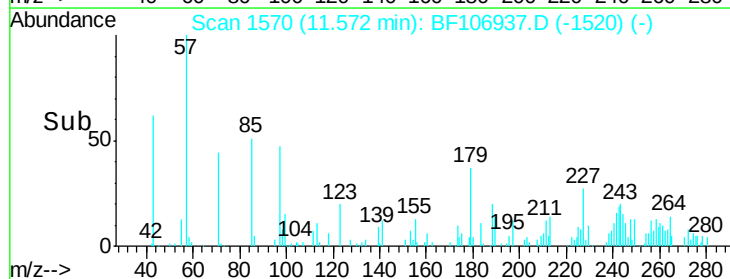
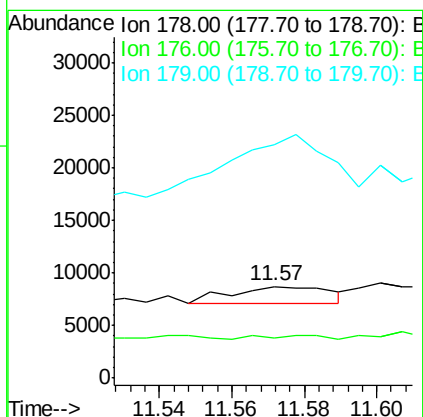
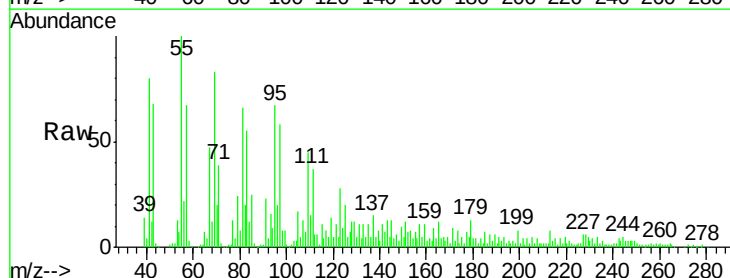
Tgt Ion:178 Resp: 3015

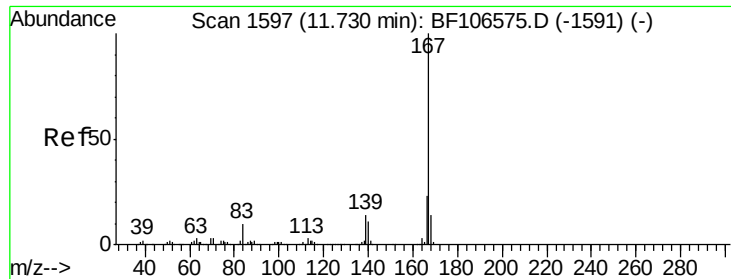
Ion Ratio Lower Upper

178 100

176 43.9 15.4 23.2#

179 254.7 12.6 19.0#

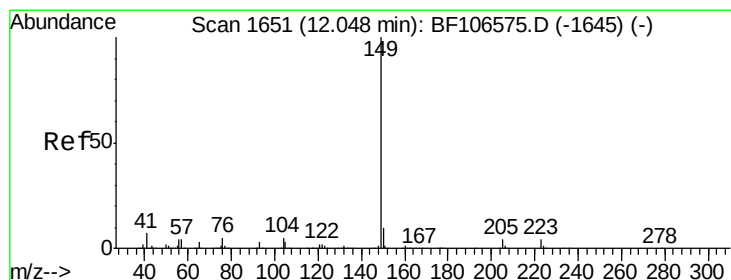
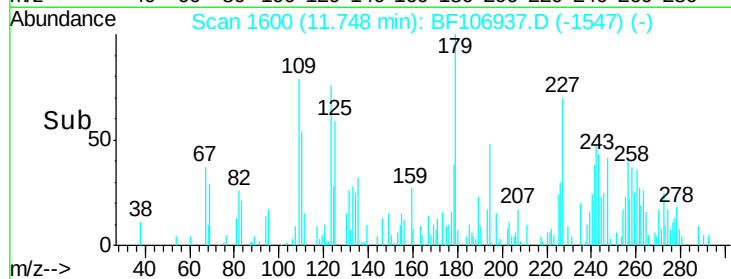
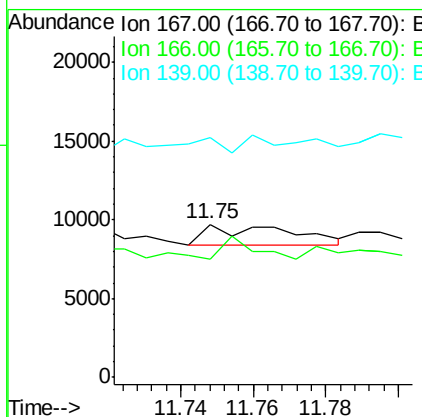
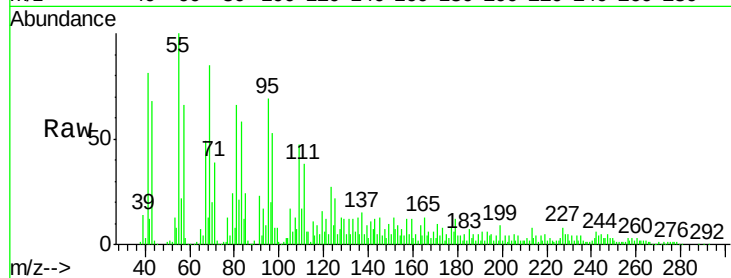




#72
 Carbazole
 Concen: 47.254 ng
 RT: 11.75 min Scan# 1600
 Delta R.T. 0.01 min
 Lab File: BF106937.D
 Acq: 28 Jun 2018 22:43

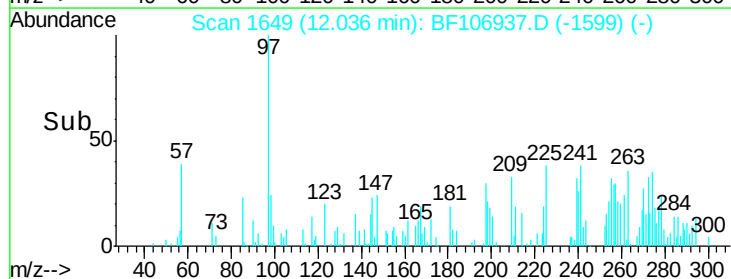
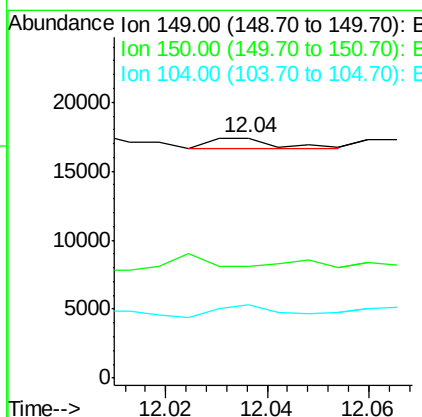
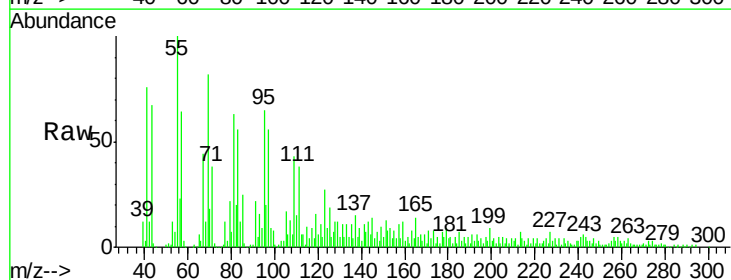
Instrument :
 BNA_F
 ClientSampleId :
 N48971

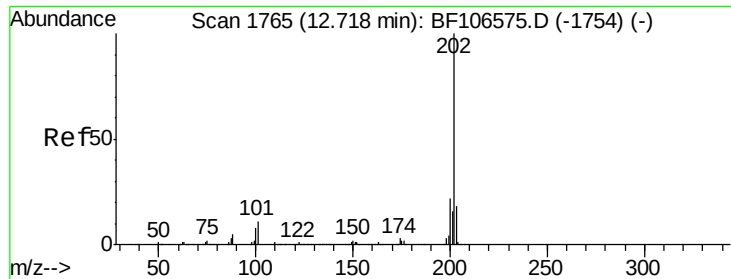
Tgt Ion:167 Resp: 2141
 Ion Ratio Lower Upper
 167 100
 166 77.2 17.6 26.4#
 139 156.5 10.9 16.3#



#73
 Di-n-butylphthalate
 Concen: 12.215 ng
 RT: 12.04 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BF106937.D
 Acq: 28 Jun 2018 22:43

Tgt Ion:149 Resp: 652
 Ion Ratio Lower Upper
 149 100
 150 46.5 7.8 11.6#
 104 30.6 3.8 5.8#





#74

Fluoranthene

Concen: 9.874 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

Instrument :

BNA_F

ClientSampleId :

N48971

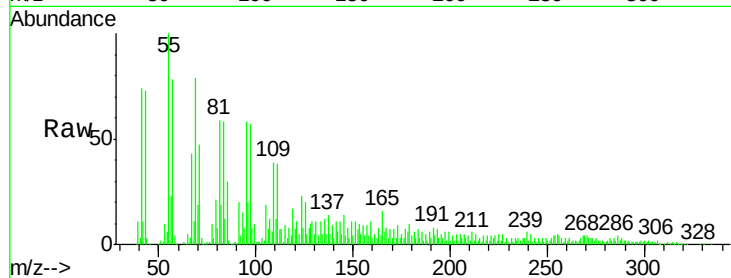
Tgt Ion:202 Resp: 516

Ion Ratio Lower Upper

202 100

101 25.7 0.0 34.1

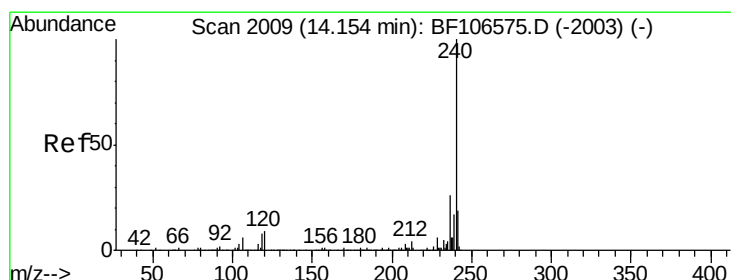
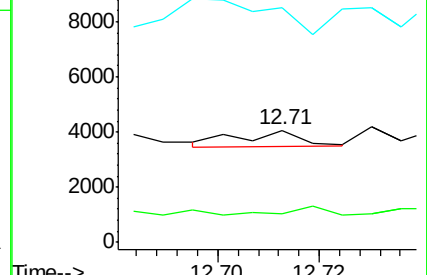
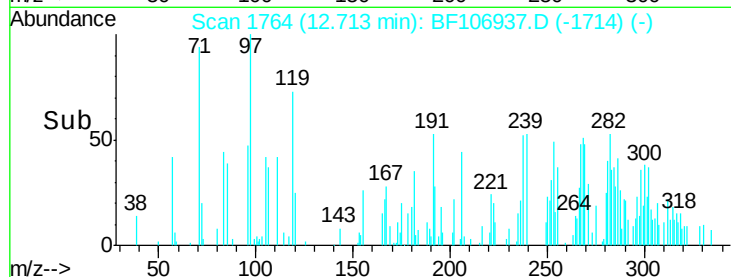
203 209.0 0.0 38.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. 0.04 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

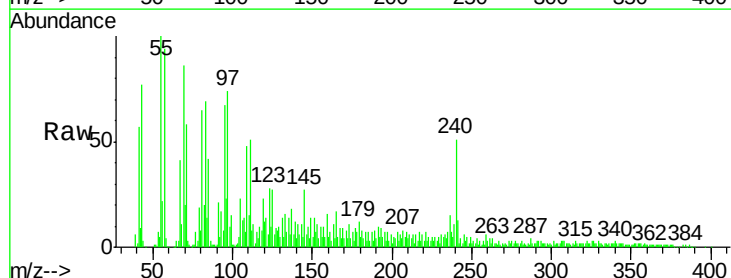
Tgt Ion:240 Resp: 66040

Ion Ratio Lower Upper

240 100

120 22.5 9.5 14.3#

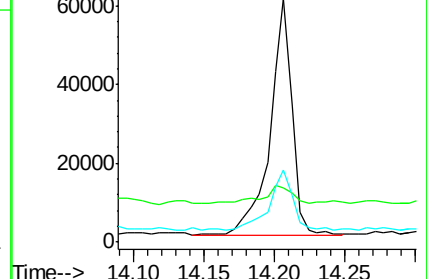
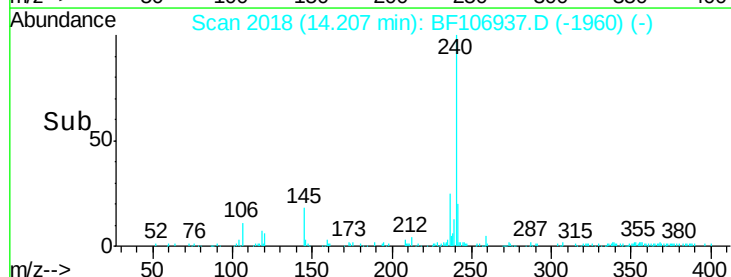
236 29.8 20.7 31.1

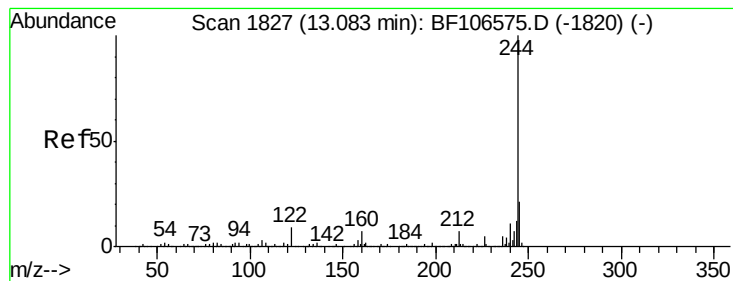


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 34.437 ng

RT: 13.17 min Scan# 1842

Delta R.T. 0.09 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

Instrument :

BNA_F

ClientSampleId :

N48971

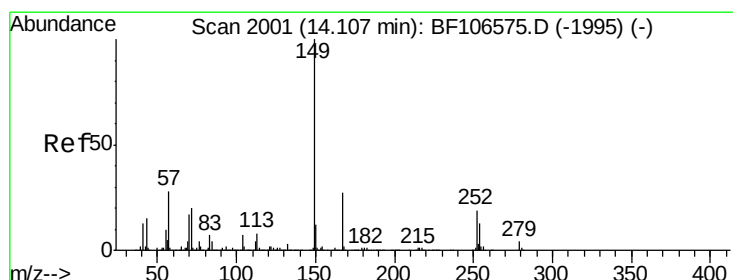
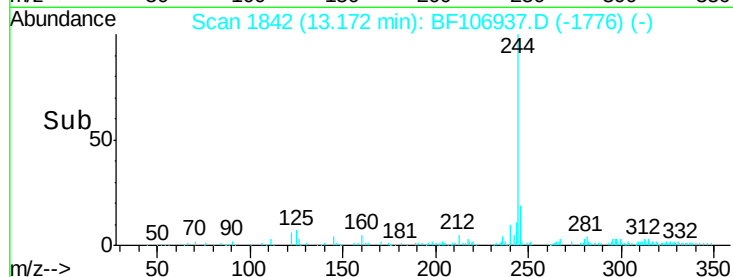
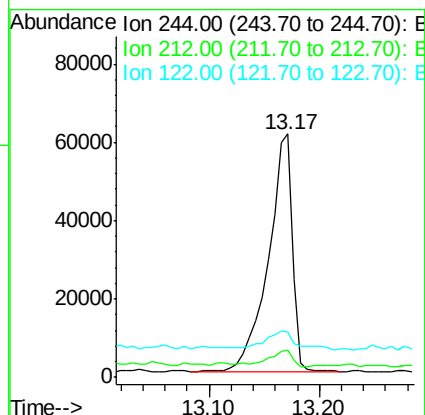
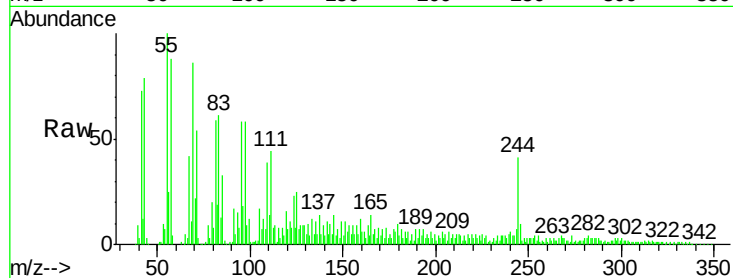
Tgt Ion:244 Resp: 93888

Ion Ratio Lower Upper

244 100

212 11.4 5.4 8.0#

122 18.6 11.0 16.4#



#83

Bis(2-ethylhexyl)phthalate

Concen: 15.272 ng

RT: 14.14 min Scan# 2006

Delta R.T. 0.02 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

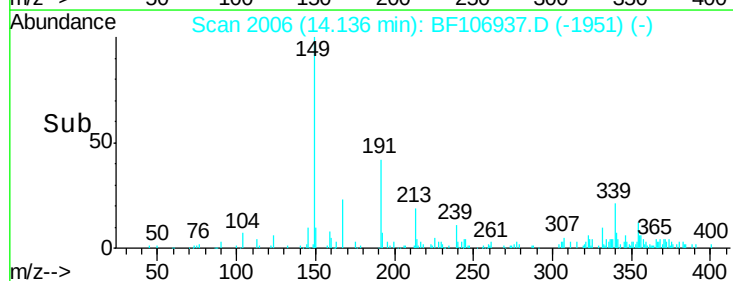
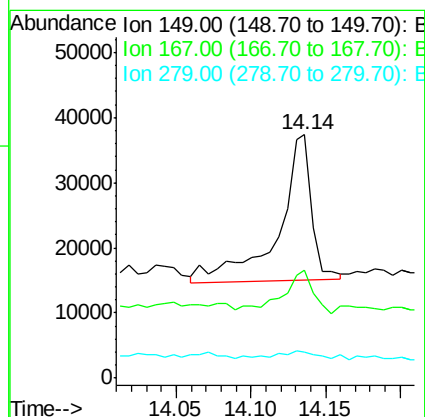
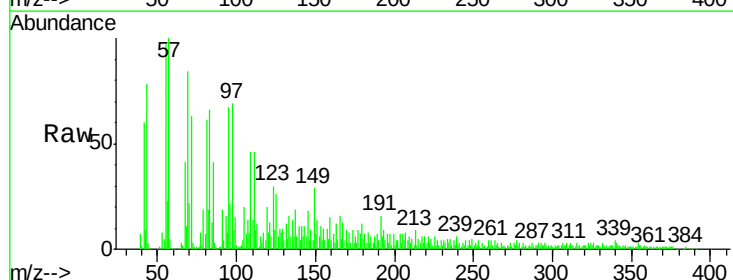
Tgt Ion:149 Resp: 34959

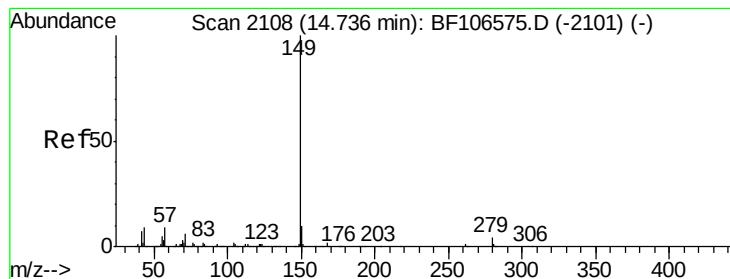
Ion Ratio Lower Upper

149 100

167 44.4 21.3 31.9#

279 10.8 3.0 4.4#





#84

Di-n-octyl phthalate

Concen: 2.183 ng

RT: 14.82 min Scan# 2123

Delta R.T. 0.06 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

Instrument :

BNA_F

ClientSampleId :

N48971

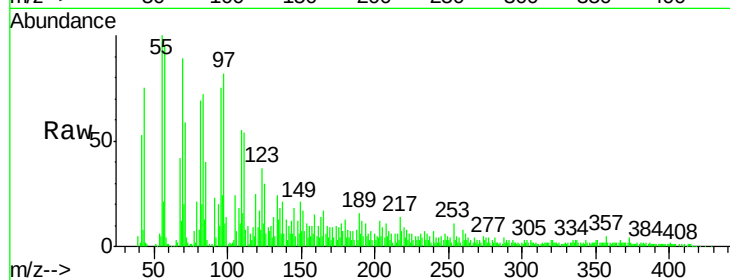
Tgt Ion:149 Resp: 8144

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

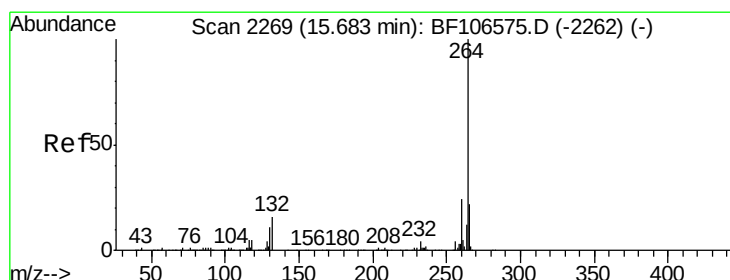
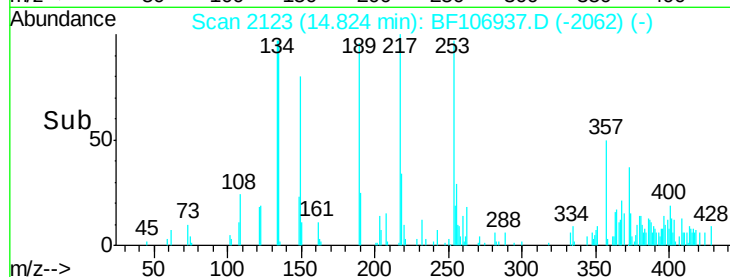
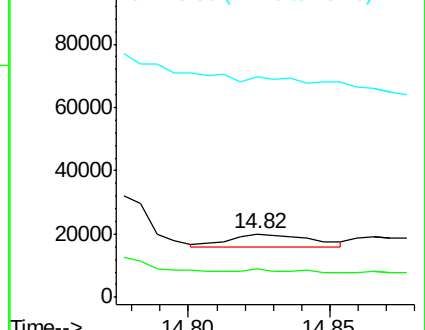
43 0.0 8.4 12.6#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF106937.D

Acq: 28 Jun 2018 22:43

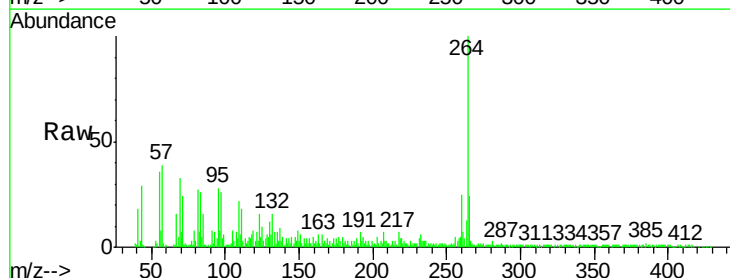
Tgt Ion:264 Resp: 152432

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 23.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

