

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106727.D
 Acq On : 22 Jun 2018 23:41
 Operator : JU/SJ
 Sample : J3622-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 275-137-282-284

Quant Time: Jun 23 00:10:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	51764	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	174076	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	64038	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	50590	20.00	ng	0.02
75) Chrysene-d12	14.16	240	143893	20.00	ng	0.00
86) Perylene-d12	15.68	264	142126	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	413923	135.40	ng	0.00
7) Phenol-d6	6.61	99	518335	135.78	ng	0.00
23) Nitrobenzene-d5	7.52	82	325307	103.85	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	88480	119.21	ng	0.01
44) 2-Fluorobiphenyl	9.32	172	492203	139.57	ng	0.00
78) Terphenyl-d14	13.11	244	292210	49.19	ng	0.03

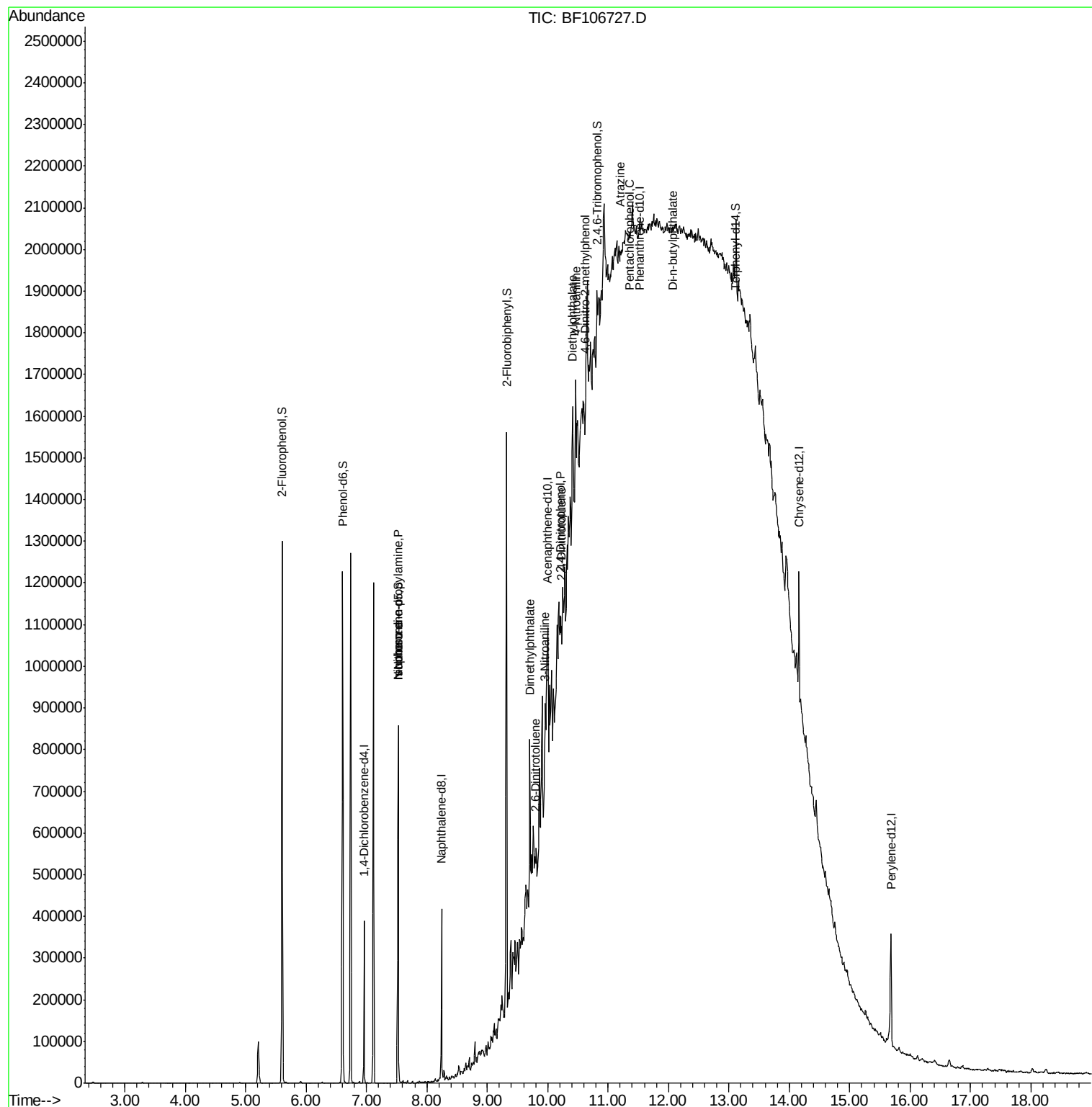
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	42819	17.016	ng	# 74
25) Isophorone	7.52	82	325302	58.935	ng	# 64
49) Dimethylphthalate	9.71	163	58221	12.122	ng	# 92
50) 2,6-Dinitrotoluene	9.80	165	3319	3.263	ng	# 28
52) 3-Nitroaniline	9.95	138	3435	2.935	ng	# 21
53) 2,4-Dinitrophenol	10.22	184	260	5.812	ng	# 1
56) 2,4-Dinitrotoluene	10.22	165	4899	3.690	ng	# 32
59) Diethylphthalate	10.41	149	10386	2.240	ng	# 31
61) 4-Nitroaniline	10.47	138	5708	4.914	ng	# 86
64) 4,6-Dinitro-2-methylphenol	10.62	198	978	3.127	ng	# 1
68) Atrazine	11.21	200	2106	3.893	ng	# 1
69) Pentachlorophenol	11.35	266	1241	3.936	ng	# 40
73) Di-n-butylphthalate	12.07	149	8244	3.001	ng	# 28

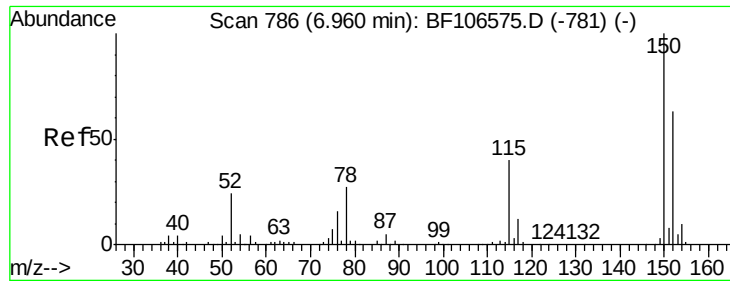
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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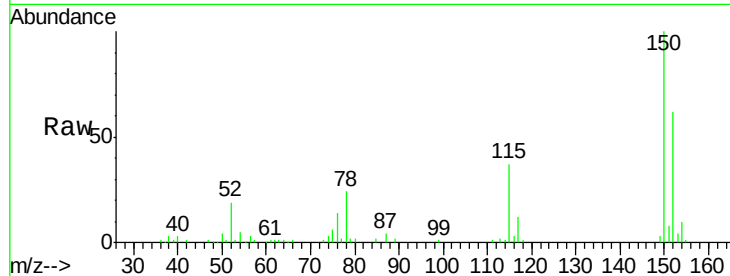


#1

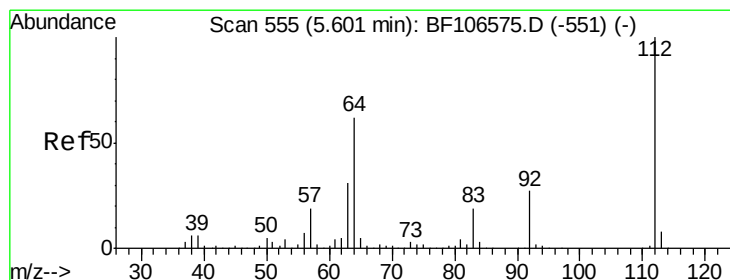
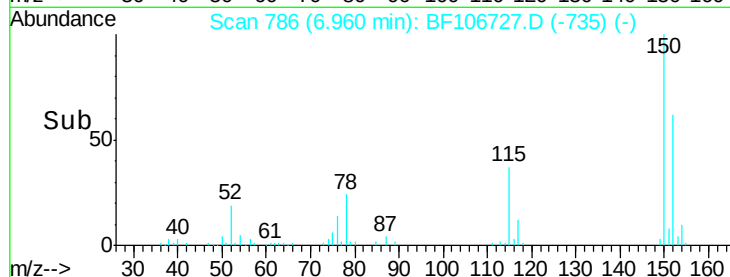
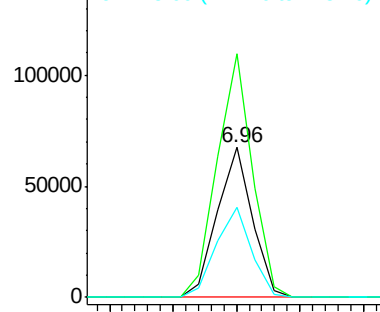
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106727.D
Acq: 22 Jun 2018 23:41

Instrument :
BNA_F
ClientSampleId :
275-137-282-284

Tgt Ion:152 Resp: 51764
Ion Ratio Lower Upper
152 100
150 162.3 124.6 186.8
115 60.2 50.1 75.1



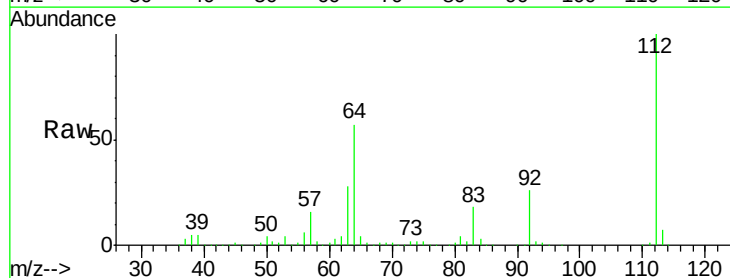
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



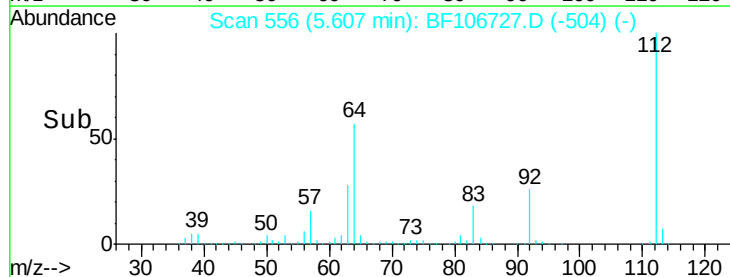
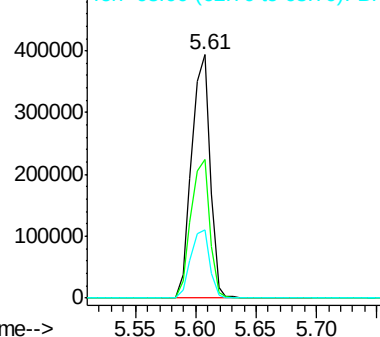
#5

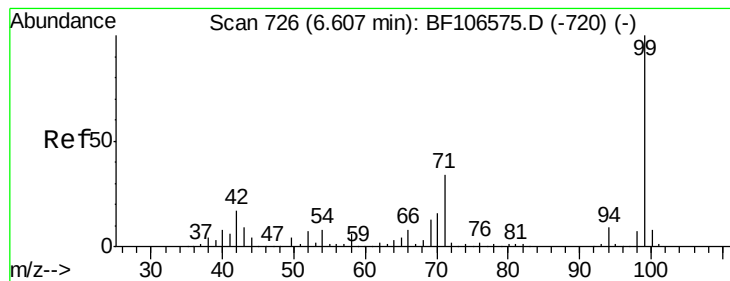
2-Fluorophenol
Concen: 135.404 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106727.D
Acq: 22 Jun 2018 23:41

Tgt Ion:112 Resp: 413923
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 27.9 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: 135.777 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF106727.D

Acq: 22 Jun 2018 23:41

Instrument :

BNA_F

ClientSampleId :

275-137-282-284

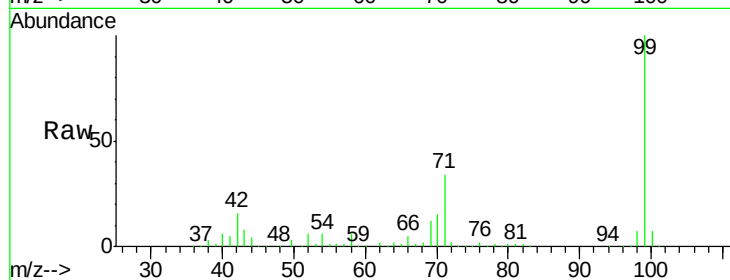
Tgt Ion: 99 Resp: 518335

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

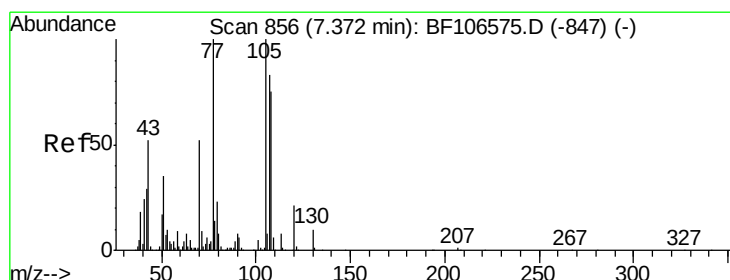
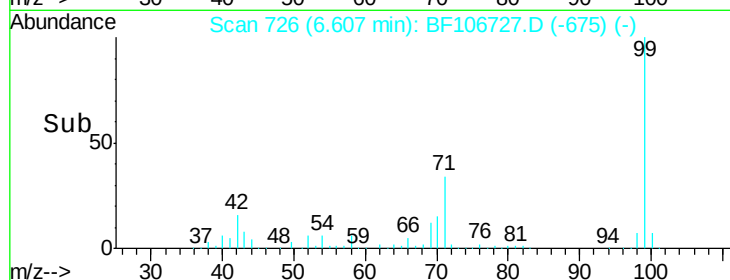
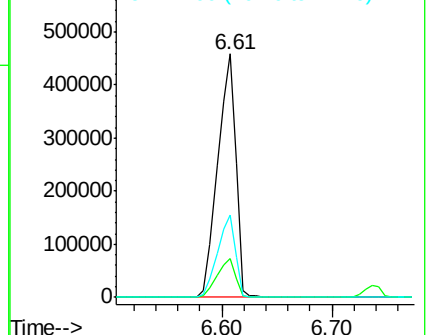
71 33.9 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.016 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106727.D

Acq: 22 Jun 2018 23:41

Tgt Ion: 70 Resp: 42819

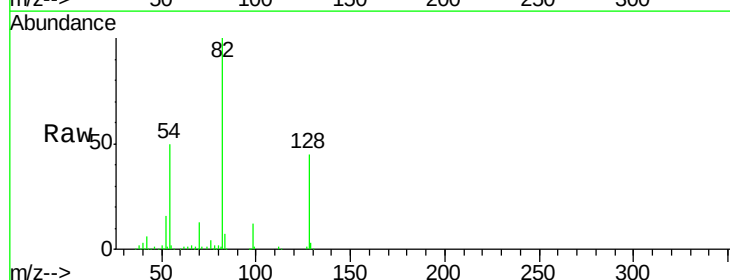
Ion Ratio Lower Upper

70 100

42 43.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

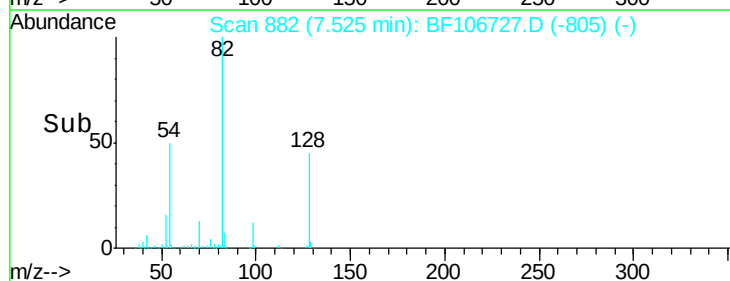
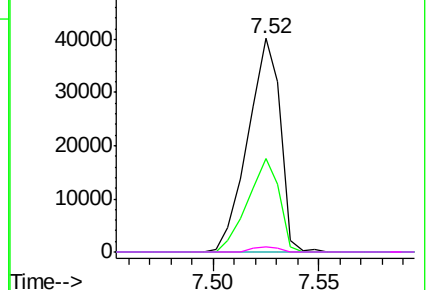


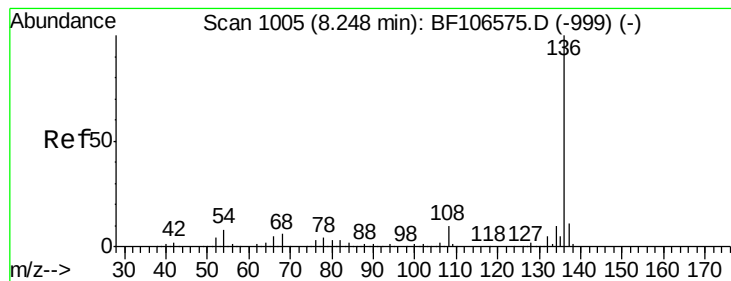
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106727.D

Acq: 22 Jun 2018 23:41

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:136 Resp: 174076

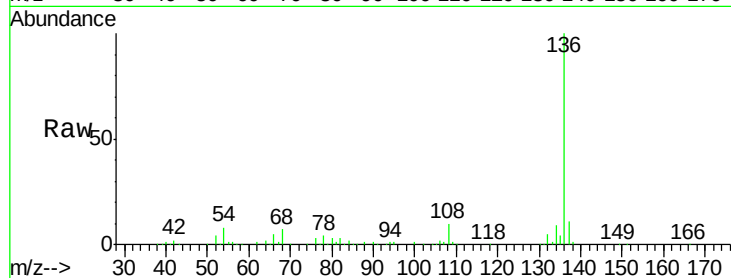
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.0 6.6 9.8

68 6.6 5.0 7.4

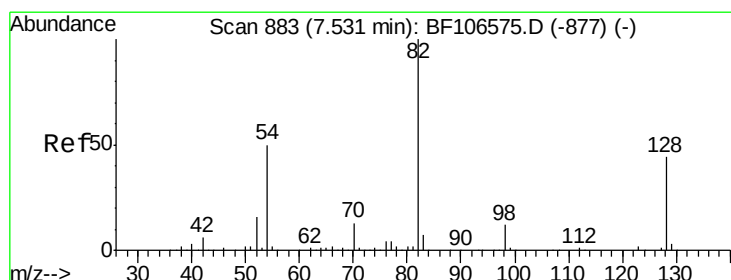
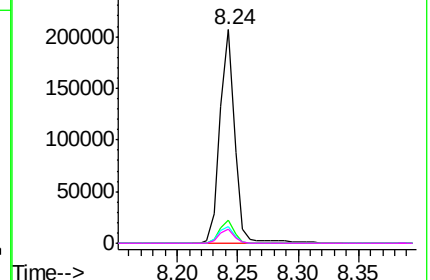
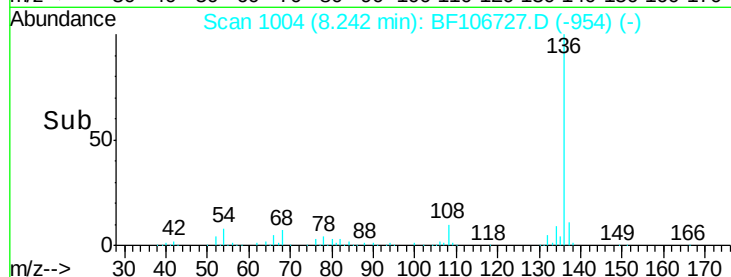


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 103.854 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106727.D

Acq: 22 Jun 2018 23:41

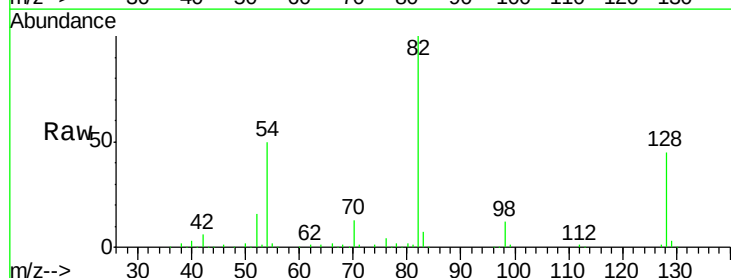
Tgt Ion: 82 Resp: 325307

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

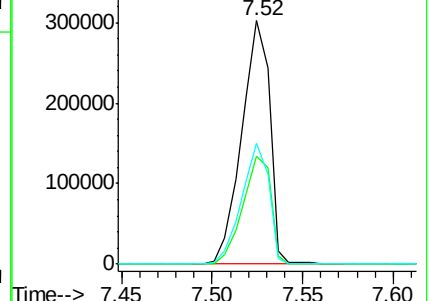
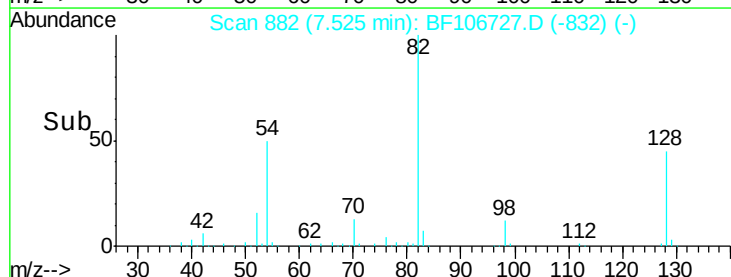
54 49.6 41.4 62.2

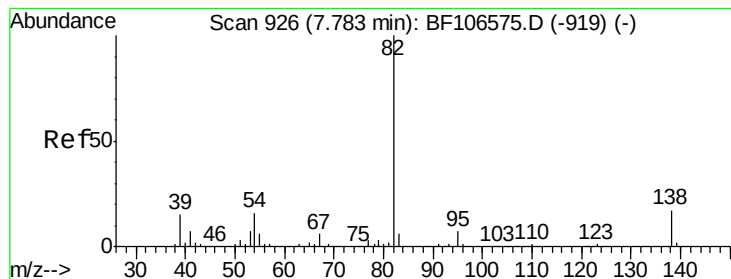


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 58.935 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106727.D

Acq: 22 Jun 2018 23:41

Instrument :

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275-137-282-284

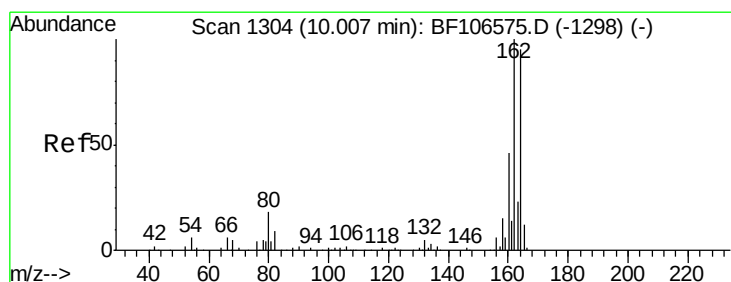
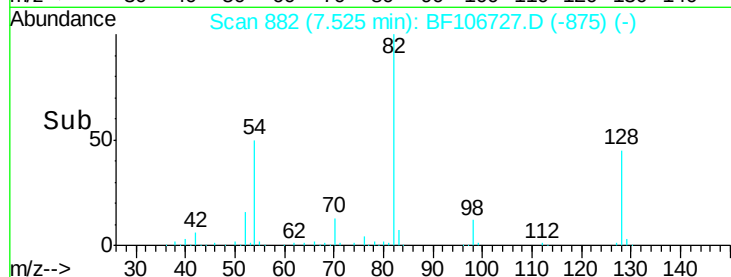
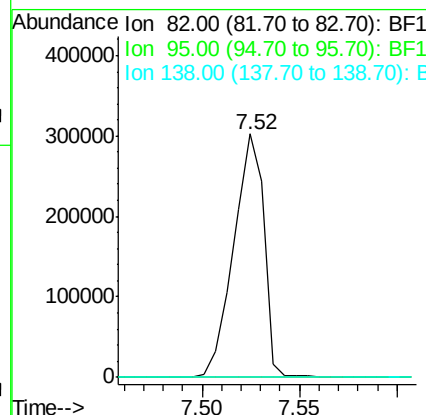
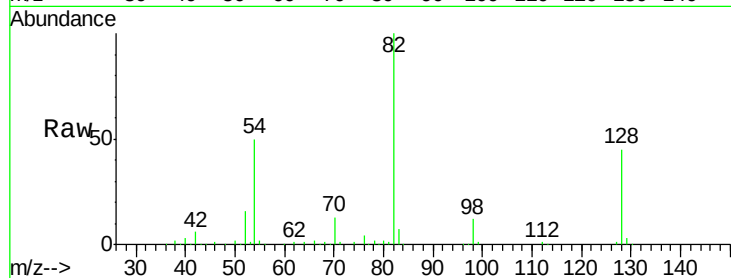
Tgt Ion: 82 Resp: 325302

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF106727.D

Acq: 22 Jun 2018 23:41

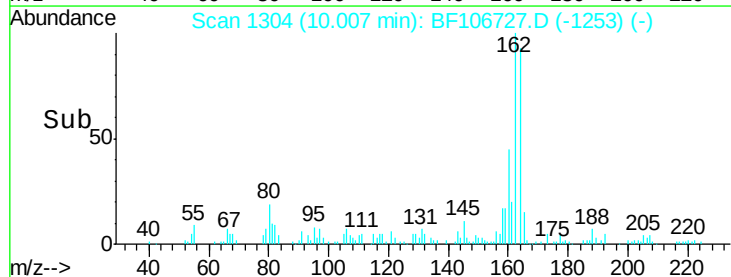
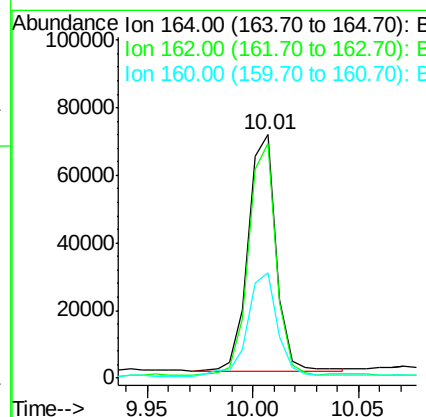
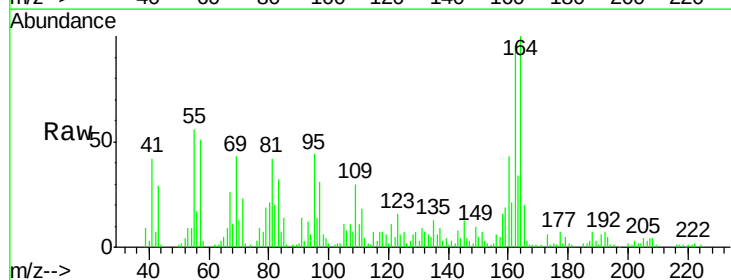
Tgt Ion: 164 Resp: 64038

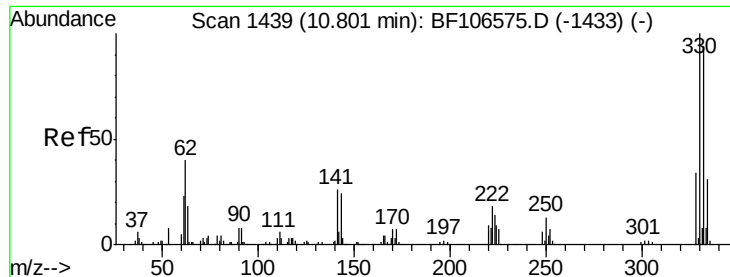
Ion Ratio Lower Upper

164 100

162 96.5 86.1 129.1

160 43.5 38.3 57.5

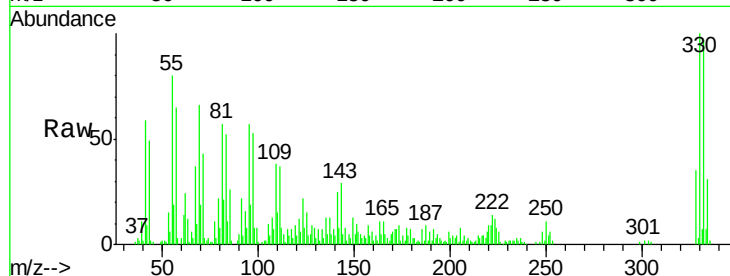




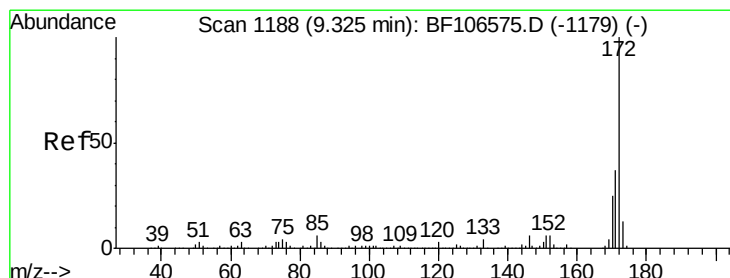
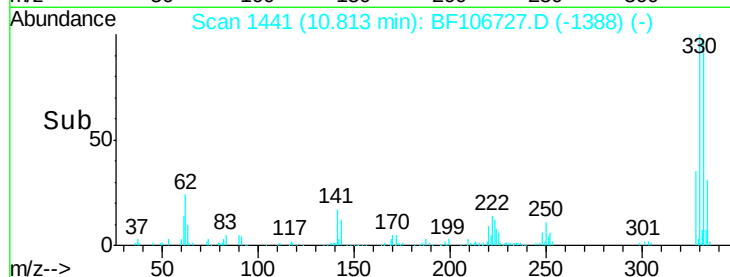
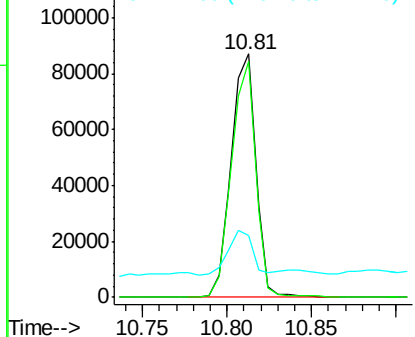
#41
 2,4,6-Tribromophenol
 Concen: 119.210 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF106727.D
 Acq: 22 Jun 2018 23:41

Instrument :
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 ClientSampleId :
 275-137-282-284

Tgt Ion:330 Resp: 88480
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 18.3 29.9 44.9#

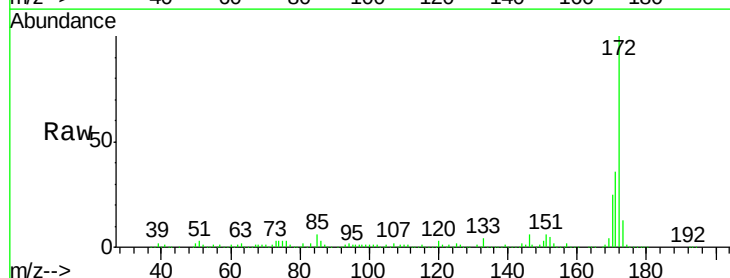


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

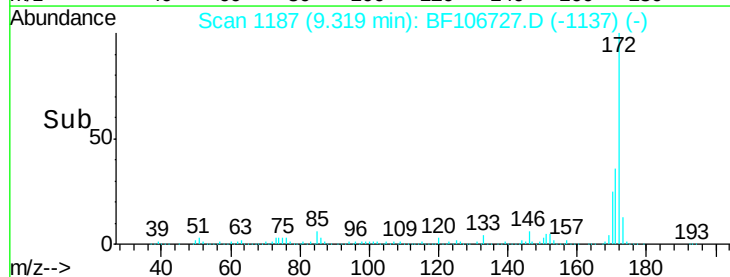
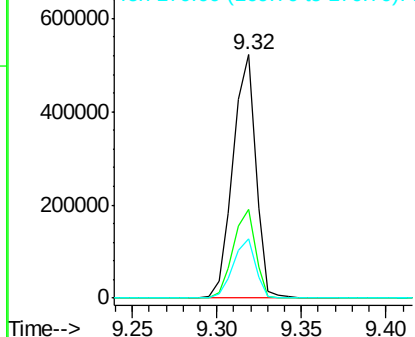


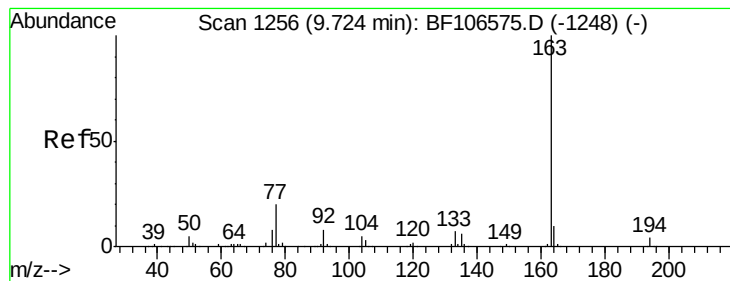
#44
 2-Fluorobiphenyl
 Concen: 139.567 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106727.D
 Acq: 22 Jun 2018 23:41

Tgt Ion:172 Resp: 492203
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.5 19.6 29.4



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





#49

Dimethylphthalate

Concen: 12.122 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106727.D

Acq: 22 Jun 2018 23:41

Instrument :

BNA_F

ClientSampleId :

275-137-282-284

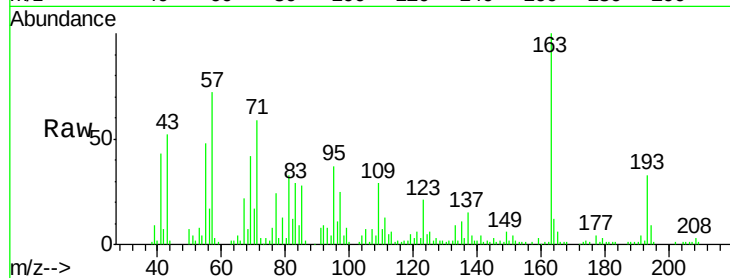
Tgt Ion:163 Resp: 58221

Ion Ratio Lower Upper

163 100

194 9.4 2.7 4.1#

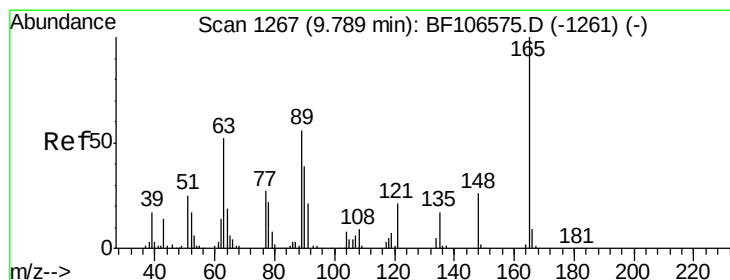
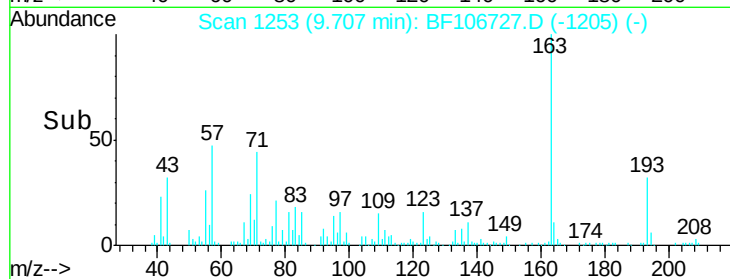
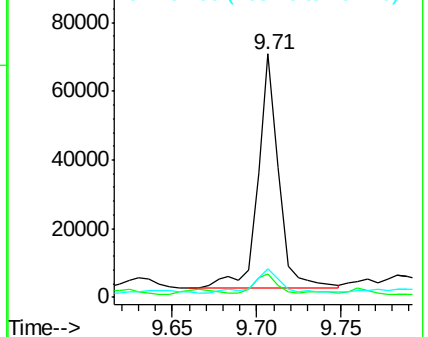
164 11.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 3.263 ng

RT: 9.80 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF106727.D

Acq: 22 Jun 2018 23:41

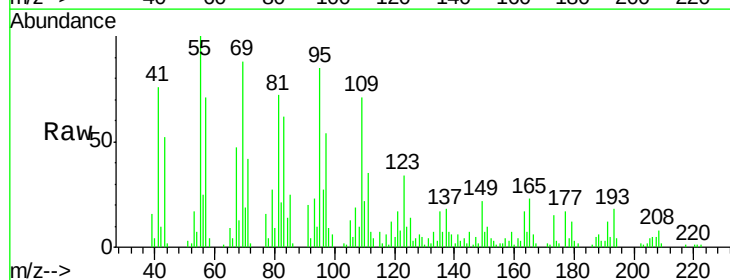
Tgt Ion:165 Resp: 3319

Ion Ratio Lower Upper

165 100

63 6.1 44.7 67.1#

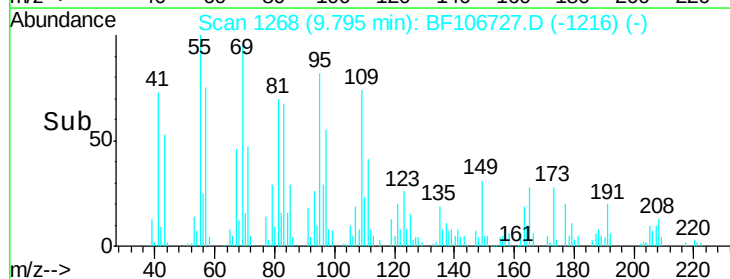
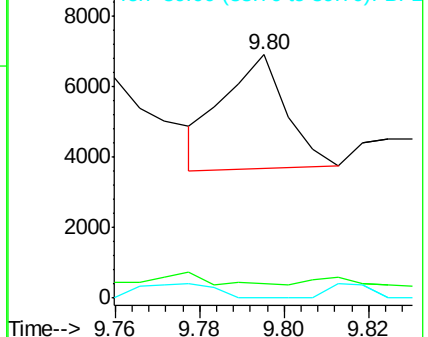
89 0.0 44.0 66.0#

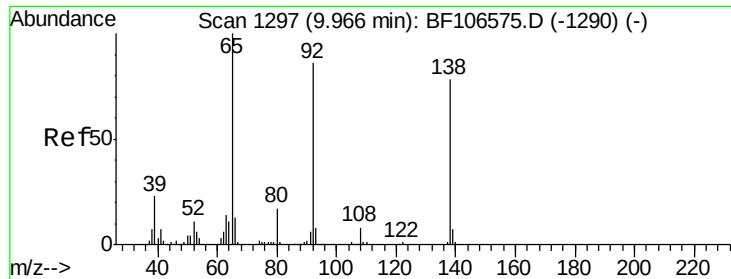


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

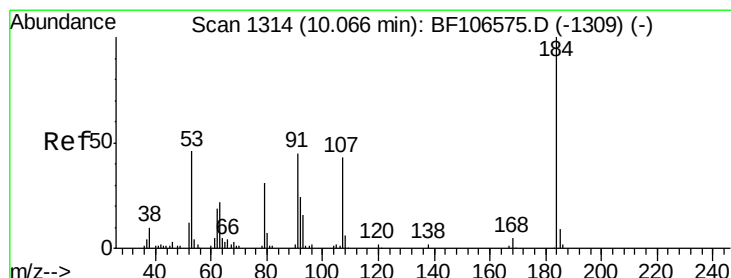
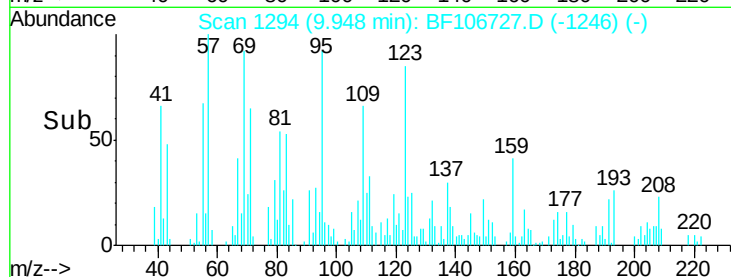
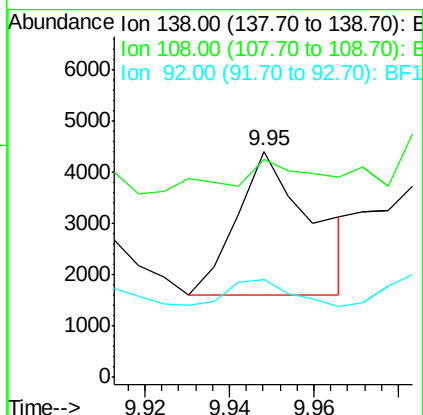
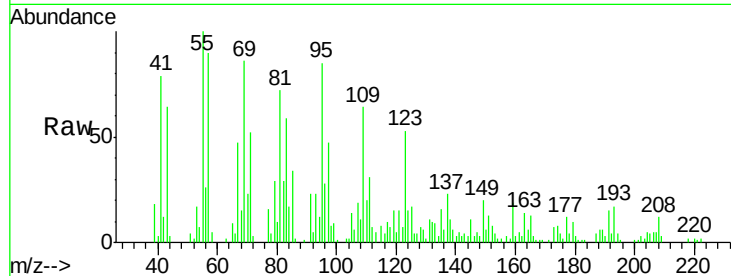




#52
 3-Nitroaniline
 Concen: 2.935 ng
 RT: 9.95 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF106727.D
 Acq: 22 Jun 2018 23:41

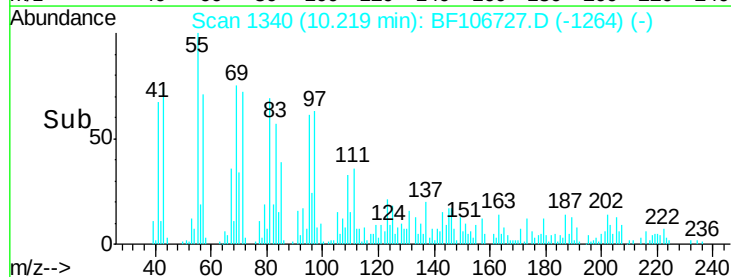
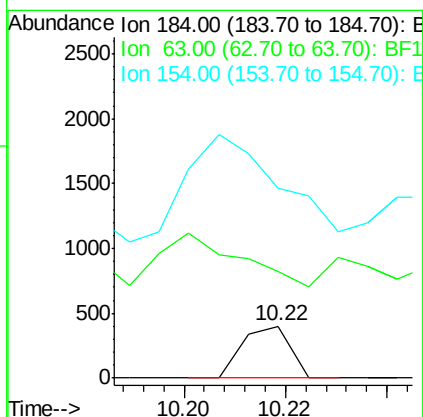
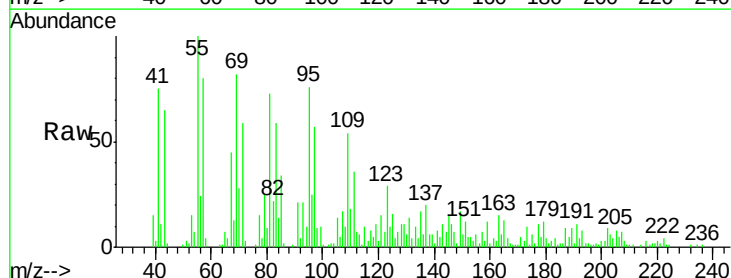
Instrument :
 BNA_F
 ClientSampleId :
 275-137-282-284

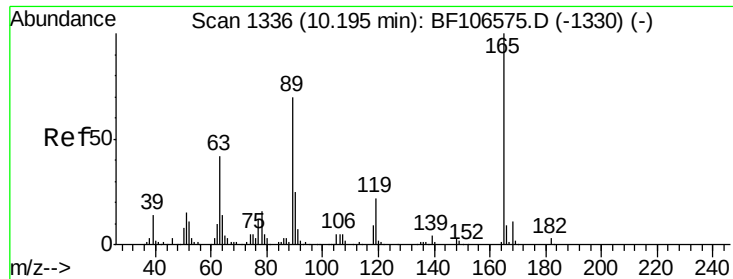
Tgt Ion:138 Resp: 3435
 Ion Ratio Lower Upper
 138 100
 108 96.3 9.4 14.0#
 92 43.0 89.4 134.2#



#53
 2,4-Dinitrophenol
 Concen: 5.812 ng
 RT: 10.22 min Scan# 1340
 Delta R.T. 0.15 min
 Lab File: BF106727.D
 Acq: 22 Jun 2018 23:41

Tgt Ion:184 Resp: 260
 Ion Ratio Lower Upper
 184 100
 63 204.5 54.2 81.2#
 154 366.5 184.0 276.0#

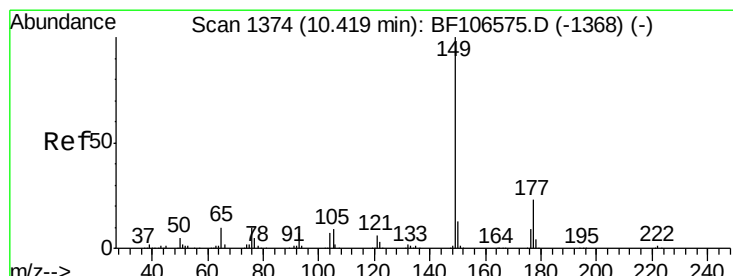
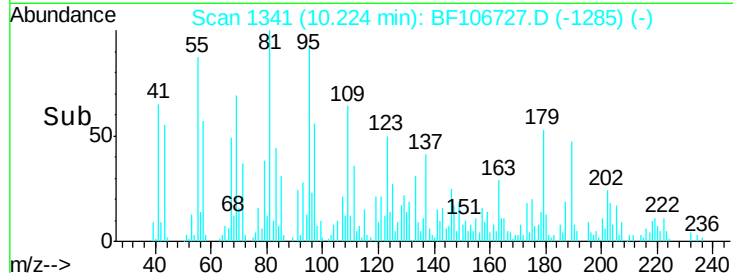
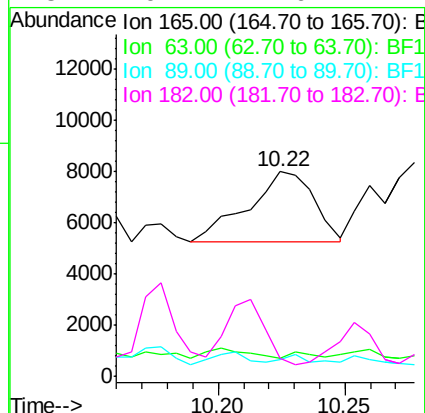
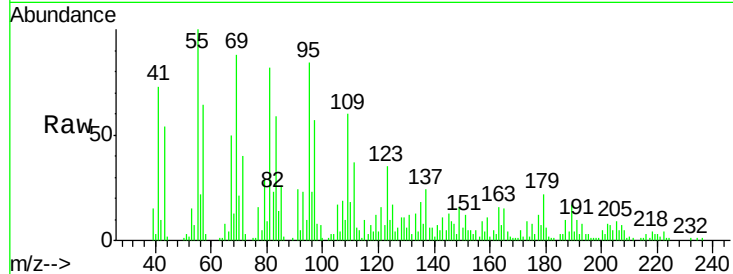




#56
2,4-Dinitrotoluene
Concen: 3.690 ng
RT: 10.22 min Scan# 1341
Delta R.T. 0.03 min
Lab File: BF106727.D
Acq: 22 Jun 2018 23:41

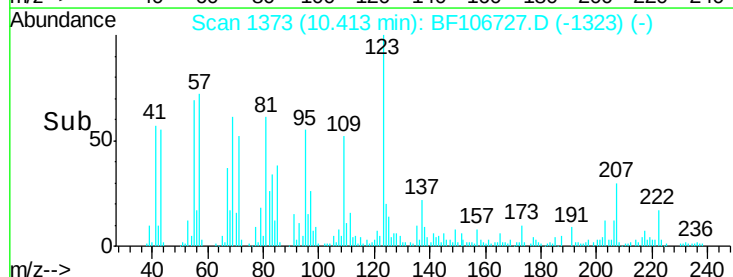
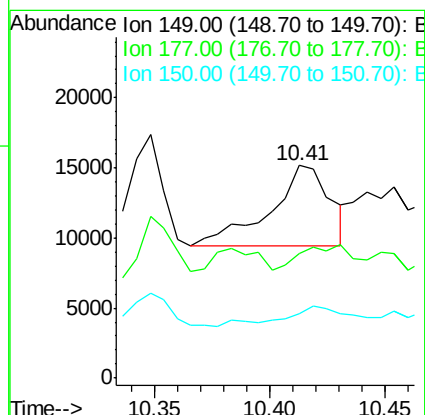
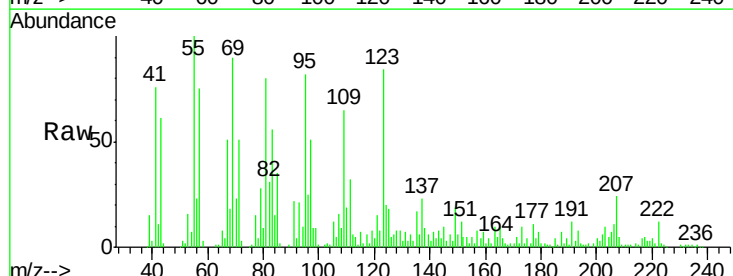
Instrument :
BNA_F
ClientSampleId :
275-137-282-284

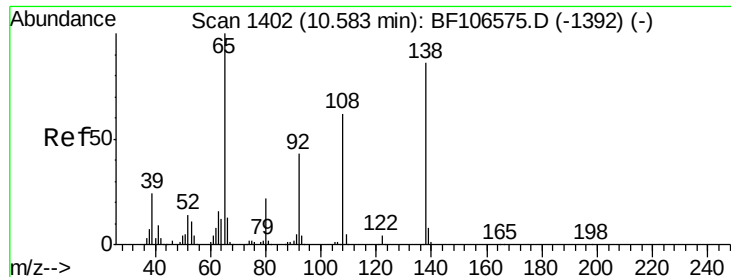
Tgt Ion:165 Resp: 4899
Ion Ratio Lower Upper
165 100
63 8.8 36.4 54.6#
89 8.2 57.8 86.6#
182 9.1 1.6 2.4#



#59
Diethylphthalate
Concen: 2.240 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF106727.D
Acq: 22 Jun 2018 23:41

Tgt Ion:149 Resp: 10386
Ion Ratio Lower Upper
149 100
177 58.4 16.1 24.1#
150 30.4 10.1 15.1#





#61

4-Nitroaniline

Concen: 4.914 ng

RT: 10.47 min Scan# 1382

Delta R.T. -0.12 min

Lab File: BF106727.D

Acq: 22 Jun 2018 23:41

Instrument :

BNA_F

ClientSampleId :

275-137-282-284

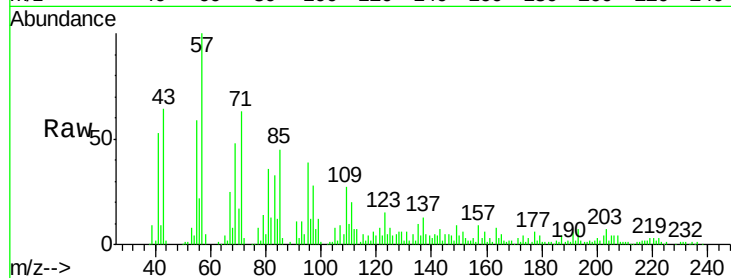
Tgt Ion:138 Resp: 5708

Ion Ratio Lower Upper

138 100

92 48.6 30.2 70.2

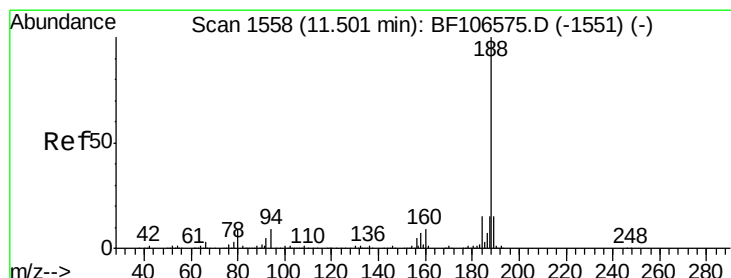
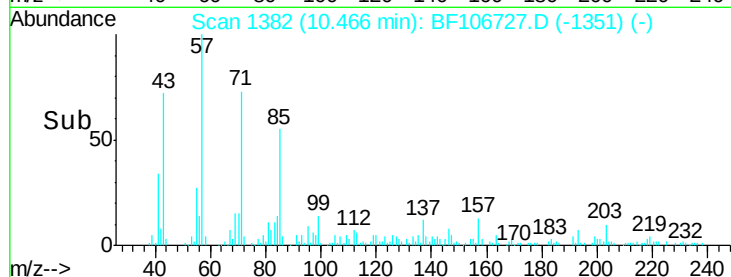
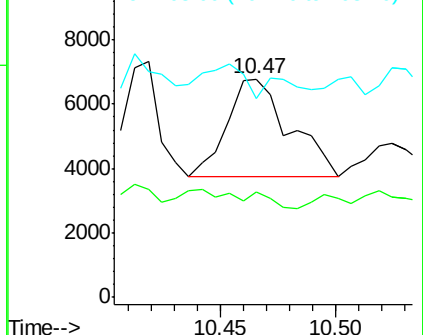
108 91.2 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1562

Delta R.T. 0.02 min

Lab File: BF106727.D

Acq: 22 Jun 2018 23:41

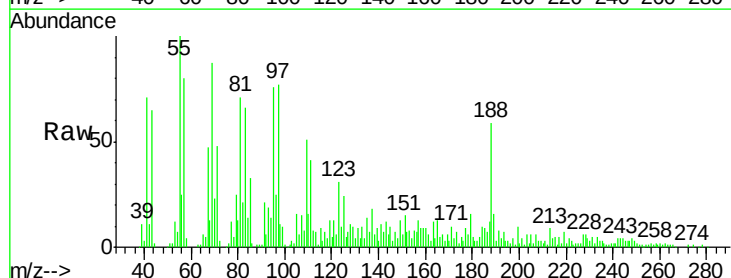
Tgt Ion:188 Resp: 50590

Ion Ratio Lower Upper

188 100

94 23.1 8.5 12.7#

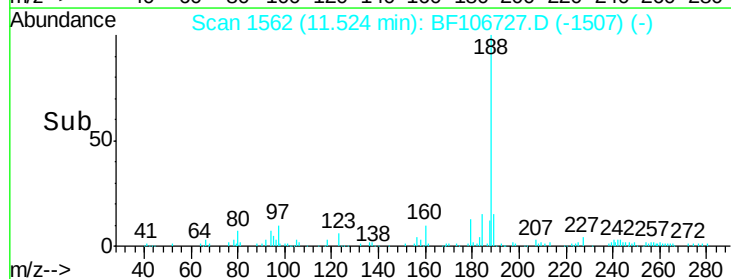
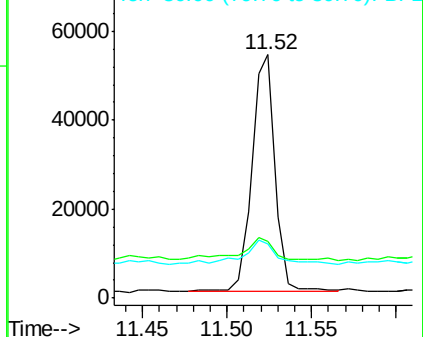
80 22.4 9.2 13.8#

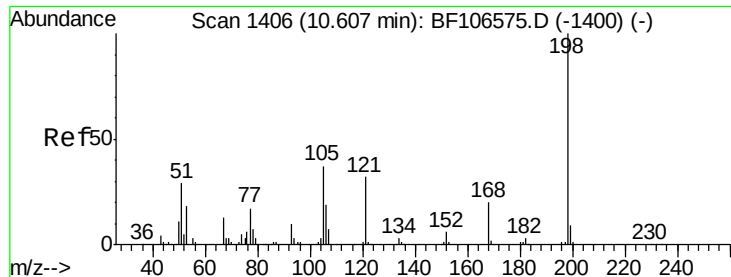


Abundance Ion 188.00 (187.70 to 188.70): E

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: 3.127 ng

RT: 10.62 min Scan# 1409

Delta R.T. 0.02 min

Lab File: BF106727.D

Acq: 22 Jun 2018 23:41

Instrument :

BNA_F

ClientSampleId :

275-137-282-284

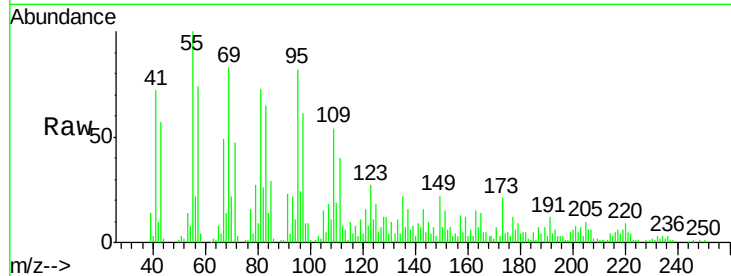
Tgt Ion:198 Resp: 978

Ion Ratio Lower Upper

198 100

51 298.1 37.7 77.7#

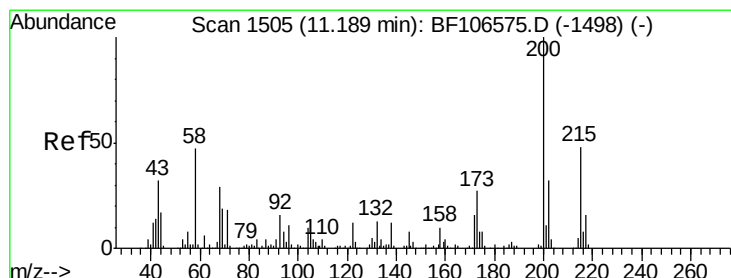
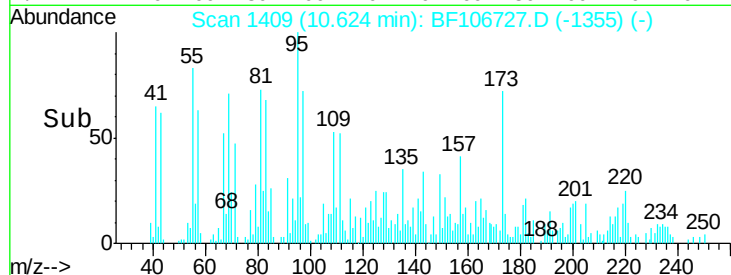
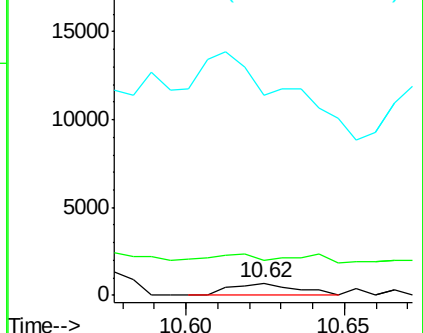
105 1678.8 36.3 76.3#



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



#68

Atrazine

Concen: 3.893 ng

RT: 11.21 min Scan# 1508

Delta R.T. 0.02 min

Lab File: BF106727.D

Acq: 22 Jun 2018 23:41

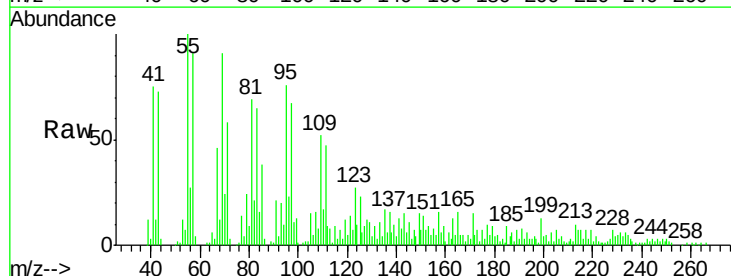
Tgt Ion:200 Resp: 2106

Ion Ratio Lower Upper

200 100

173 161.2 8.6 48.6#

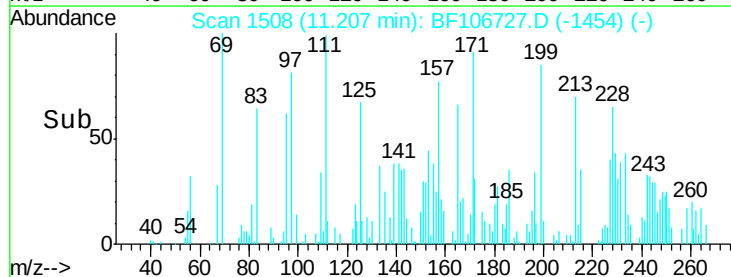
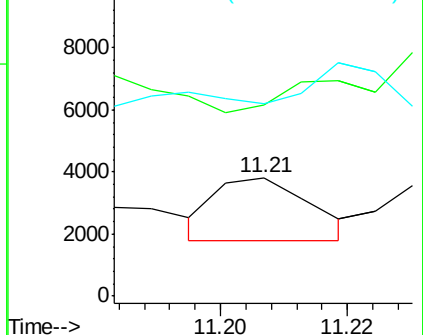
215 161.8 25.1 65.1#

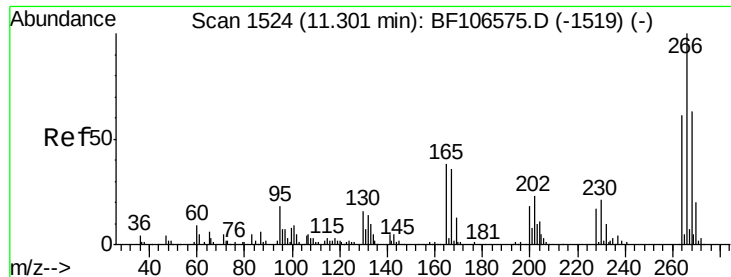


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 3.936 ng

RT: 11.35 min Scan# 1532

Delta R.T. 0.05 min

Lab File: BF106727.D

Acq: 22 Jun 2018 23:41

Instrument :

BNA_F

ClientSampleId :

275-137-282-284

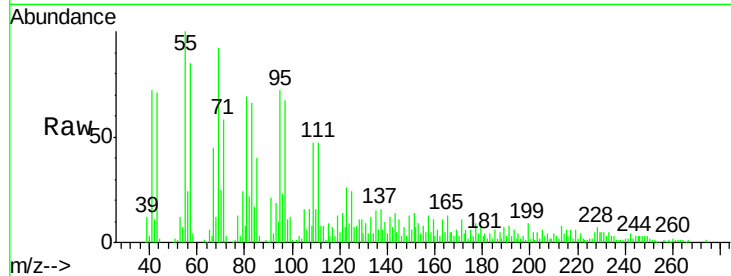
Tgt Ion:266 Resp: 1241

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

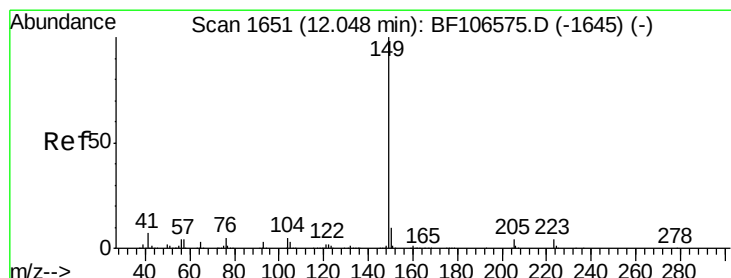
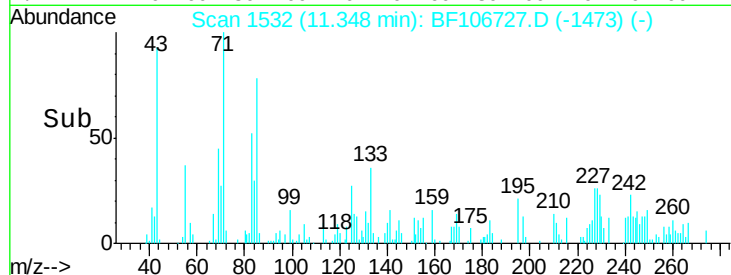
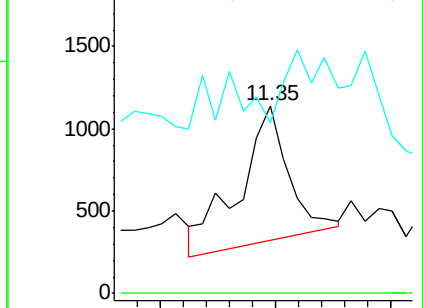
264 91.0 49.5 74.3#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#73

Di-n-butylphthalate

Concen: 3.001 ng

RT: 12.07 min Scan# 1655

Delta R.T. 0.03 min

Lab File: BF106727.D

Acq: 22 Jun 2018 23:41

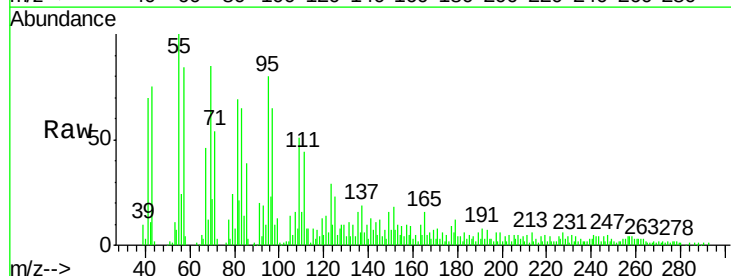
Tgt Ion:149 Resp: 8244

Ion Ratio Lower Upper

149 100

150 43.8 7.8 11.6#

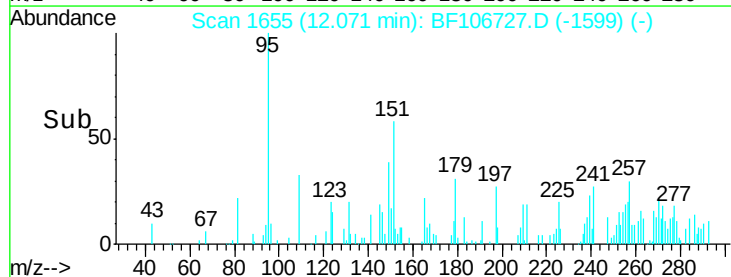
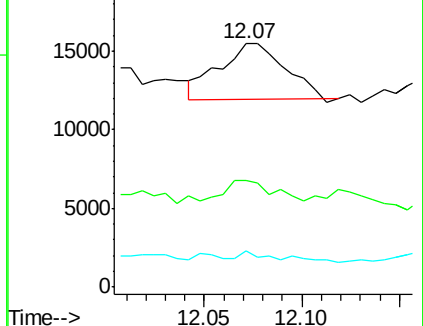
104 15.1 3.8 5.8#

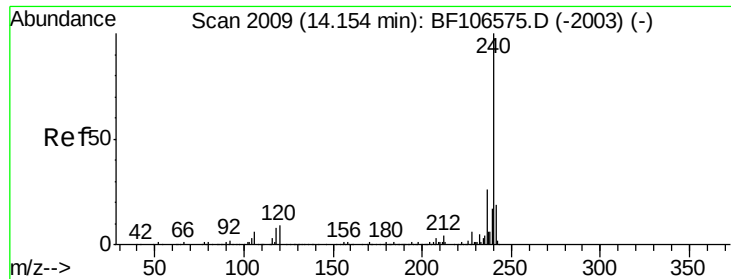


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF106727.D

Acq: 22 Jun 2018 23:41

Instrument :

BNA_F

ClientSampleId :

275-137-282-284

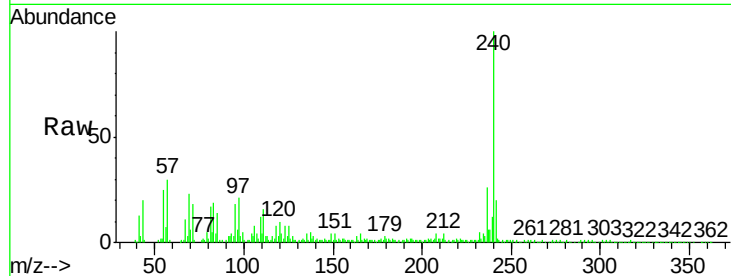
Tgt Ion:240 Resp: 143893

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

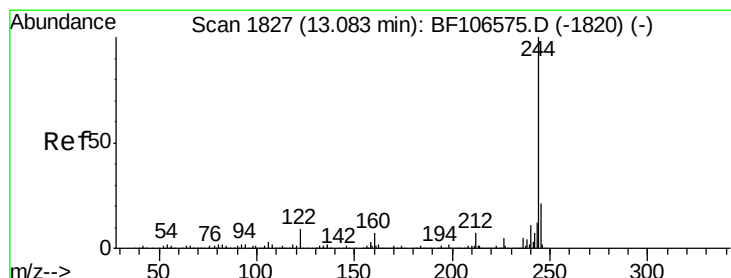
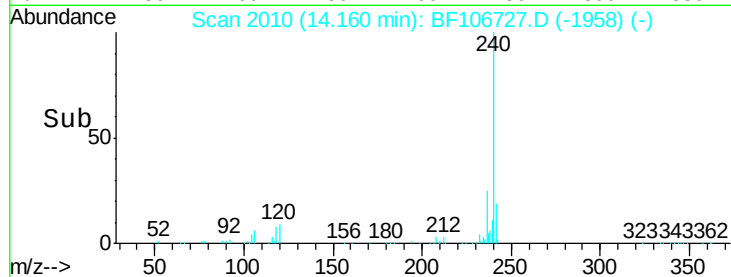
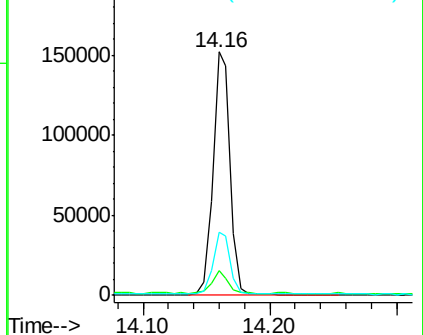
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 49.191 ng

RT: 13.11 min Scan# 1832

Delta R.T. 0.03 min

Lab File: BF106727.D

Acq: 22 Jun 2018 23:41

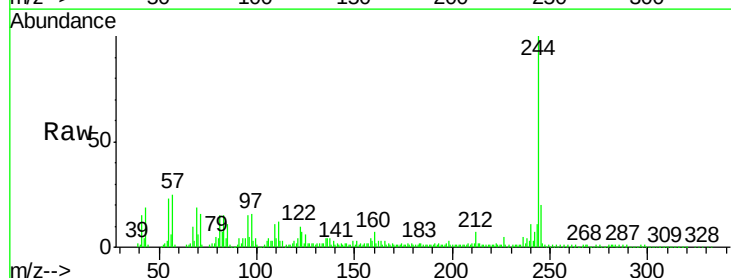
Tgt Ion:244 Resp: 292210

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

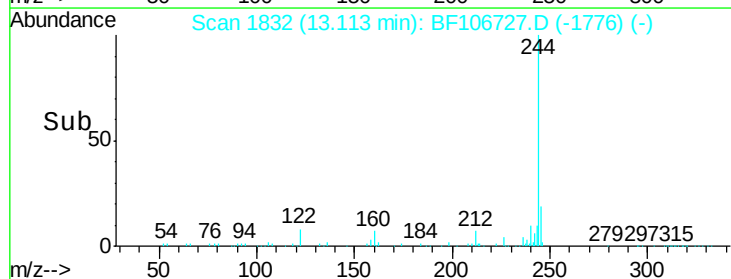
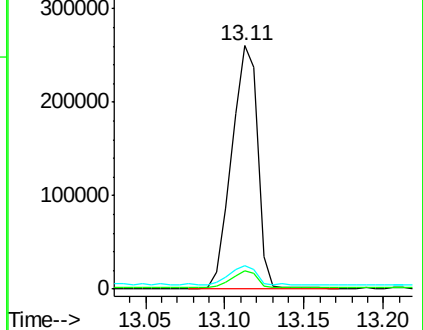
122 9.8 11.0 16.4#

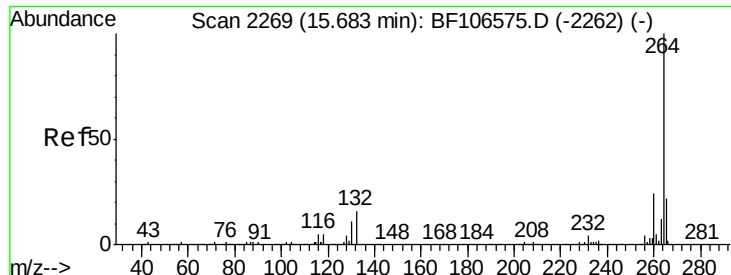


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

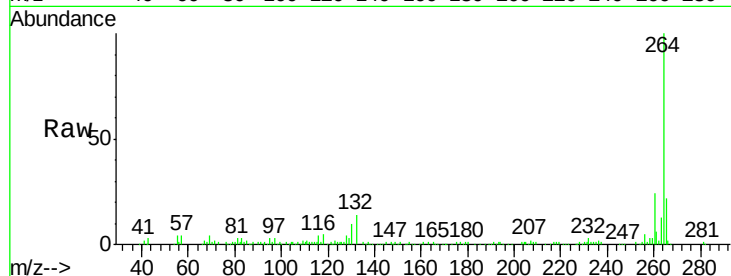




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF106727.D
Acq: 22 Jun 2018 23:41

Instrument :
BNA_F
ClientSampleId :
275-137-282-284

Tgt Ion:	264	Resp:	142126
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	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

