

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062118\
 Data File : BF106657.D
 Acq On : 21 Jun 2018 13:12
 Operator : JU/SJ
 Sample : J3584-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-S

Quant Time: Jun 21 14:30:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

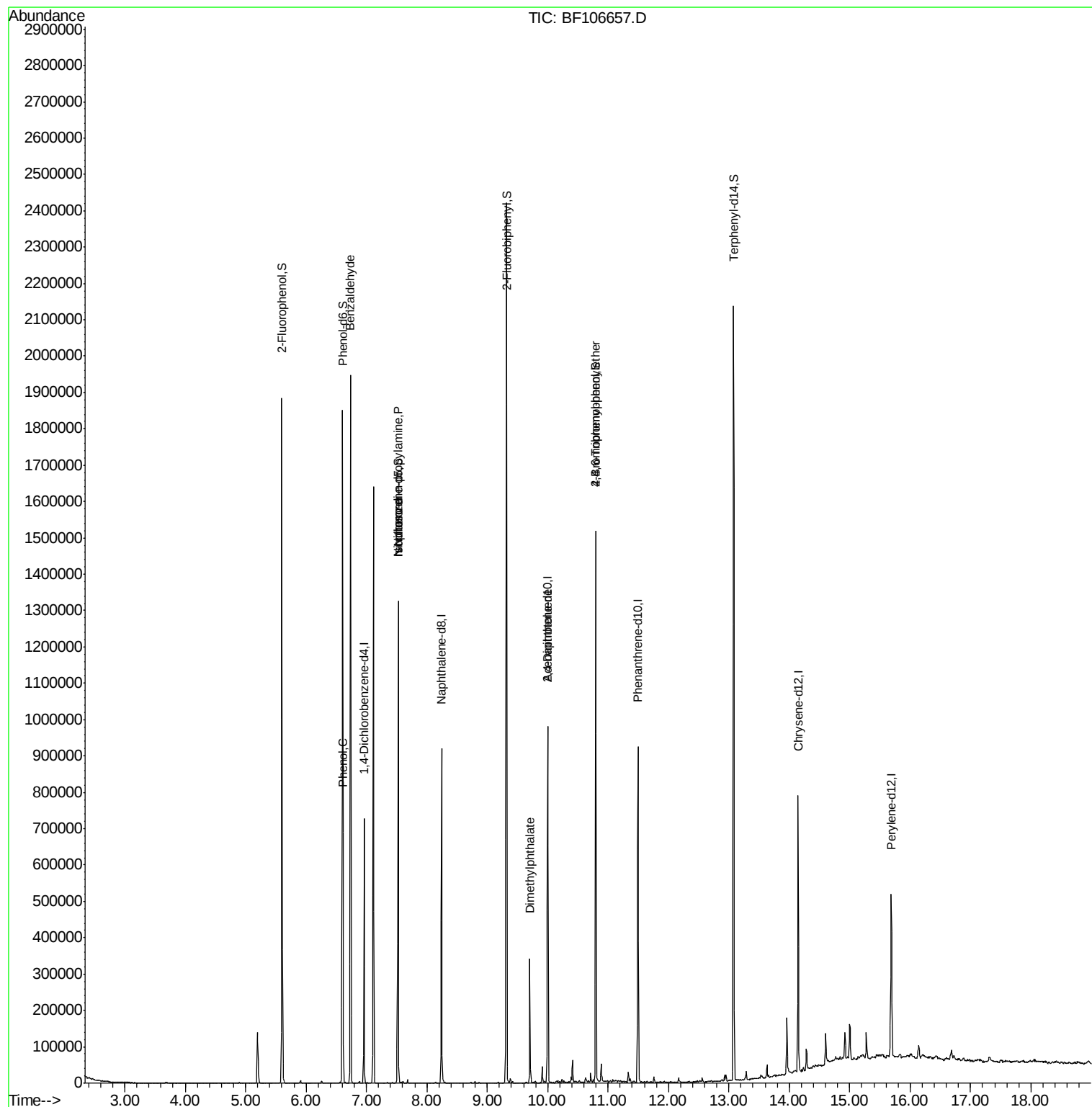
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	96950	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	373124	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	186903	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	325307	20.00	ng	0.00
75) Chrysene-d12	14.15	240	263195	20.00	ng	0.00
86) Perylene-d12	15.69	264	209059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	514068	89.79	ng	0.00
7) Phenol-d6	6.61	99	662144	92.61	ng	0.00
23) Nitrobenzene-d5	7.52	82	439470	65.46	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	205864	95.03	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	750143	64.35	ng	0.00
78) Terphenyl-d14	13.08	244	769153	70.79	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	12080	2.017	ng	81
10) Phenol	6.62	94	17637	2.161	ng	98
19) n-Nitroso-di-n-propylamine	7.52	70	57640	12.230	ng	# 73
25) Isophorone	7.52	82	439462	37.145	ng	# 64
49) Dimethylphthalate	9.71	163	124028	8.848	ng	98
56) 2,4-Dinitrotoluene	10.00	165	24108	6.222	ng	# 23
66) 4-Bromophenyl-phenylether	10.79	248	12701	3.271	ng	# 1

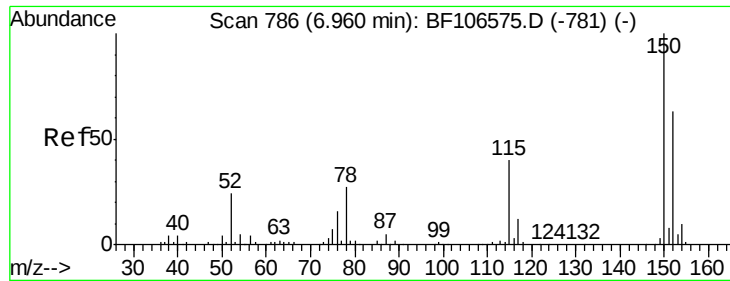
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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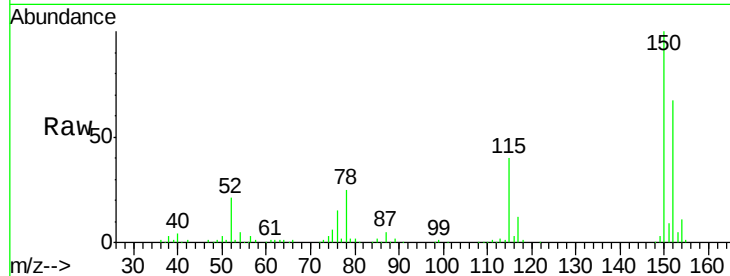


#1

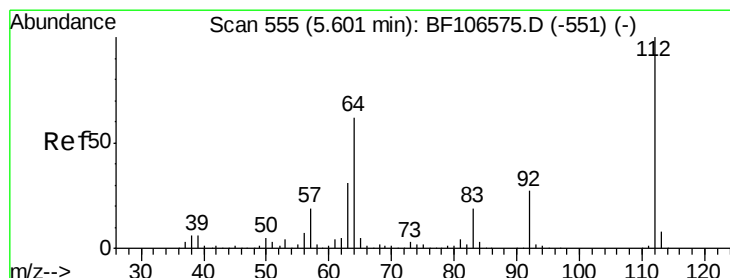
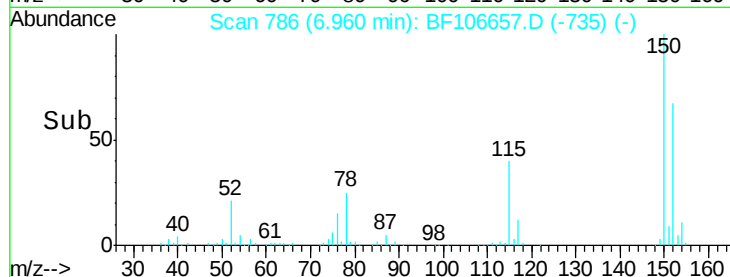
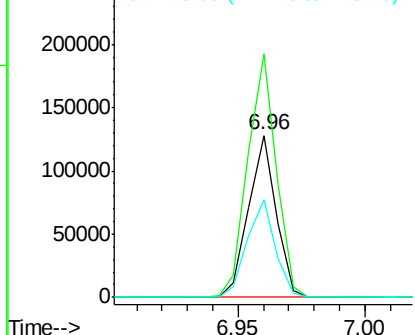
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:152 Resp: 96950
Ion Ratio Lower Upper
152 100
150 150.1 124.6 186.8
115 59.9 50.1 75.1



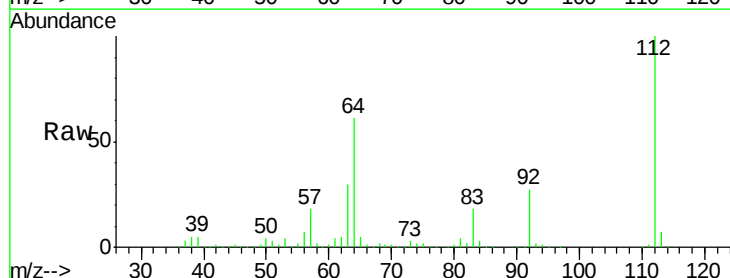
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



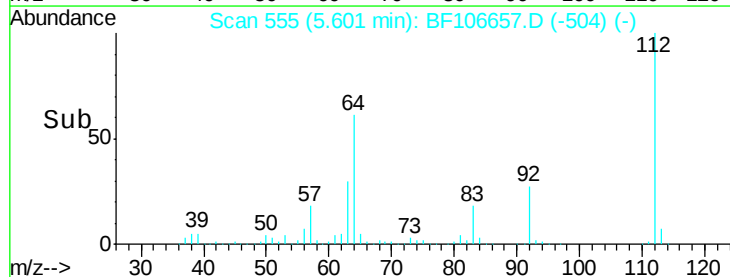
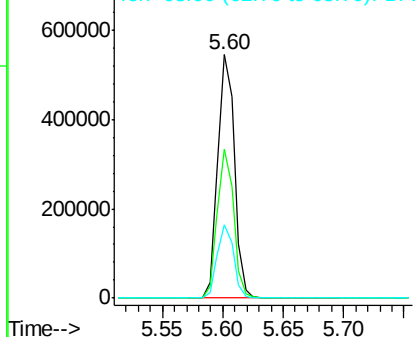
#5

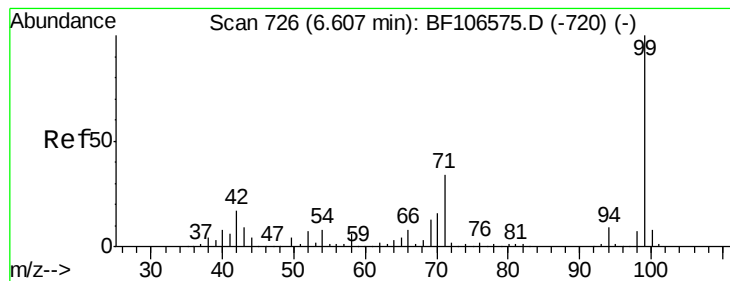
2-Fluorophenol
Concen: 89.787 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Tgt Ion:112 Resp: 514068
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 30.3 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: 92.608 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF106657.D

Acq: 21 Jun 2018 13:12

Instrument :

BNA_F

ClientSampleId :

TP-12-S

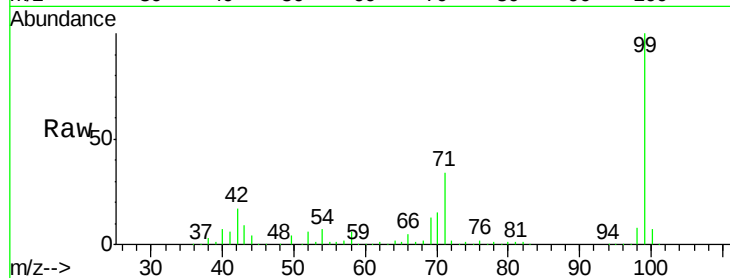
Tgt Ion: 99 Resp: 662144

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

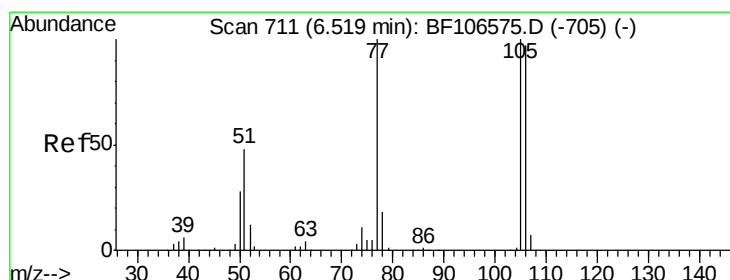
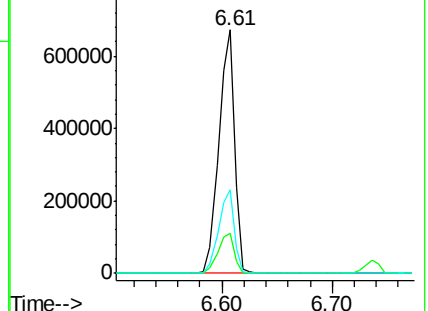
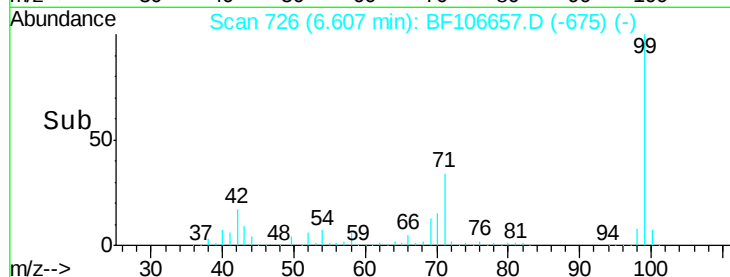
71 34.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.017 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106657.D

Acq: 21 Jun 2018 13:12

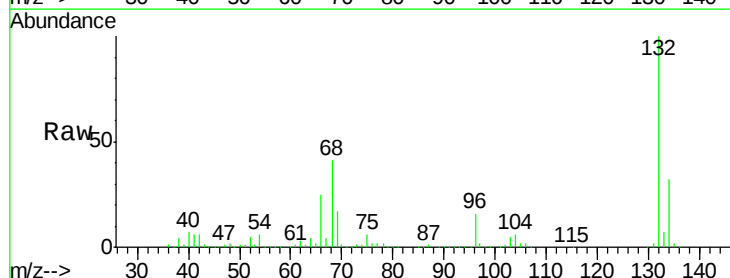
Tgt Ion: 77 Resp: 12080

Ion Ratio Lower Upper

77 100

105 82.6 81.1 121.1

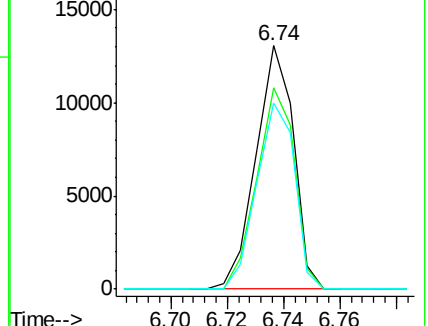
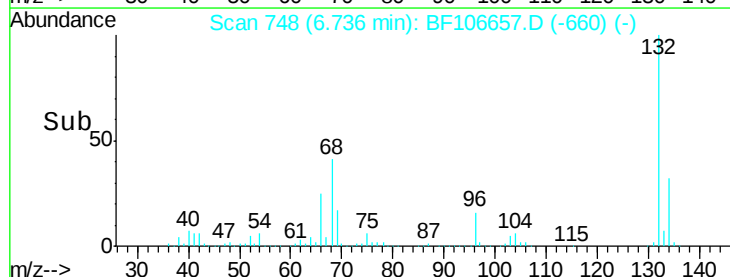
106 76.4 74.5 114.5

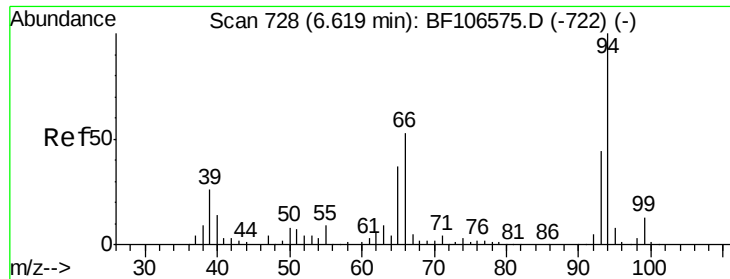


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.161 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF106657.D

Acq: 21 Jun 2018 13:12

Instrument :

BNA_F

ClientSampled :

TP-12-S

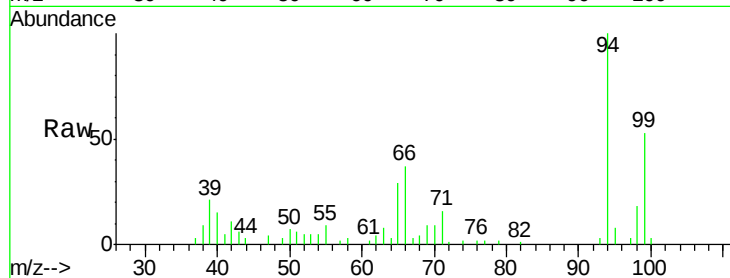
Tgt Ion: 94 Resp: 17637

Ion Ratio Lower Upper

94 100

65 29.3 7.9 47.9

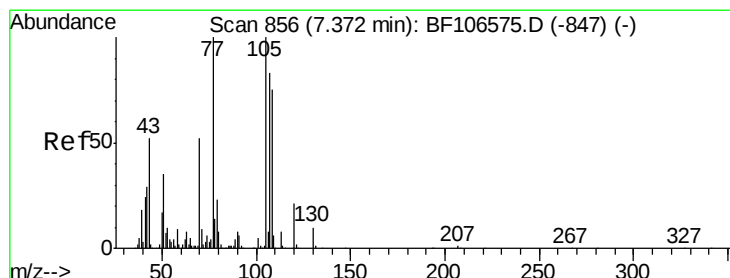
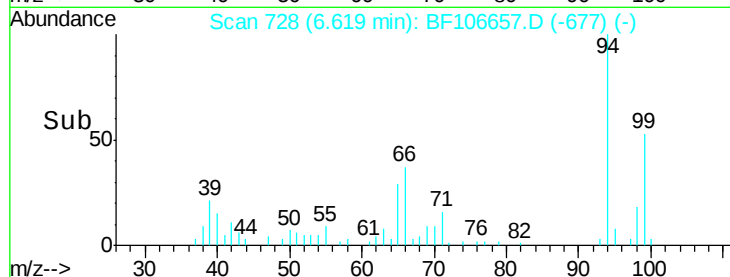
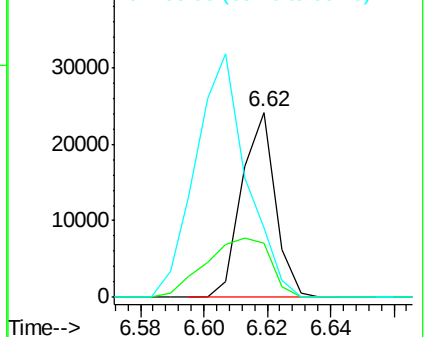
66 37.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.230 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106657.D

Acq: 21 Jun 2018 13:12

Tgt Ion: 70 Resp: 57640

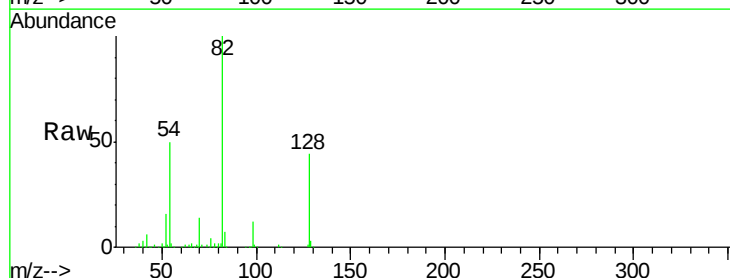
Ion Ratio Lower Upper

70 100

42 42.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

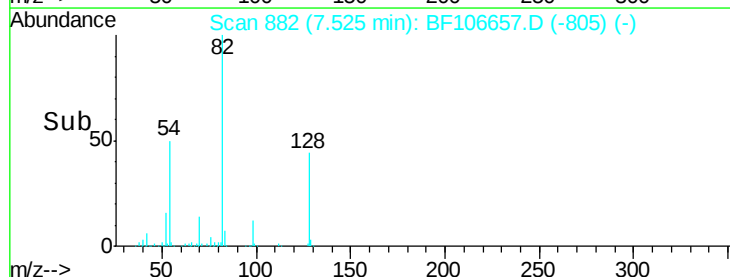
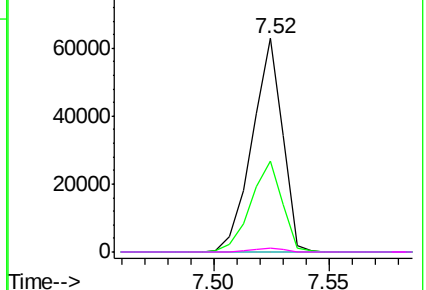


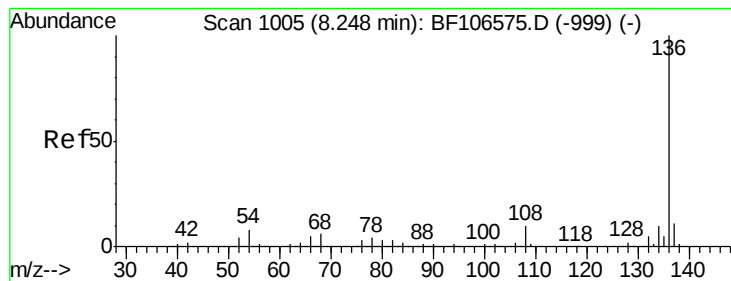
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106657.D

Acq: 21 Jun 2018 13:12

Instrument :

BNA_F

ClientSampleId :

TP-12-S

Tgt Ion: 136 Resp: 373124

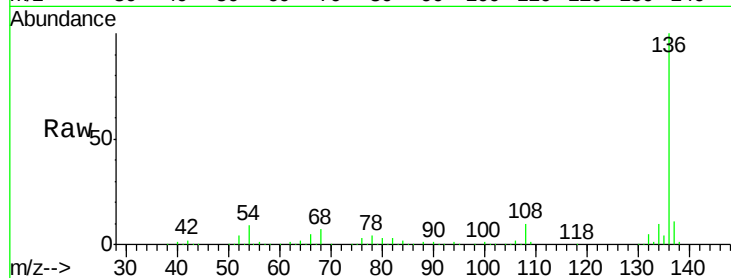
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.8 6.6 9.8

68 6.8 5.0 7.4

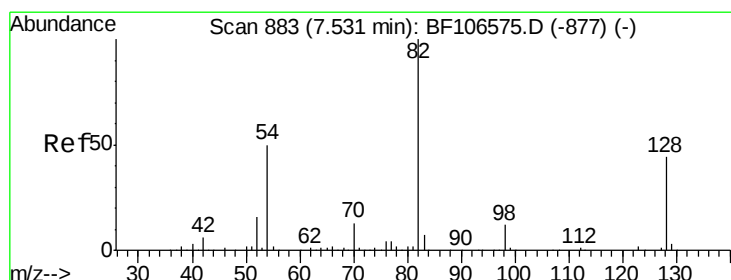
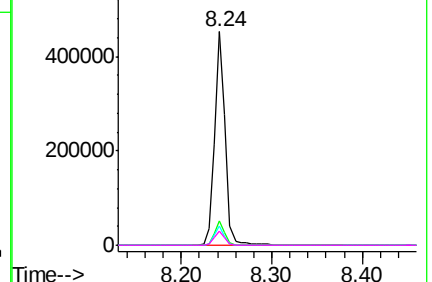
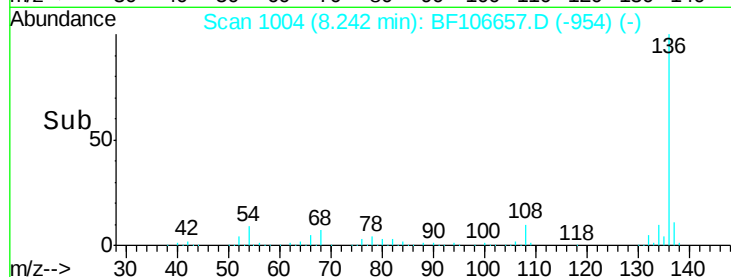


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.455 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106657.D

Acq: 21 Jun 2018 13:12

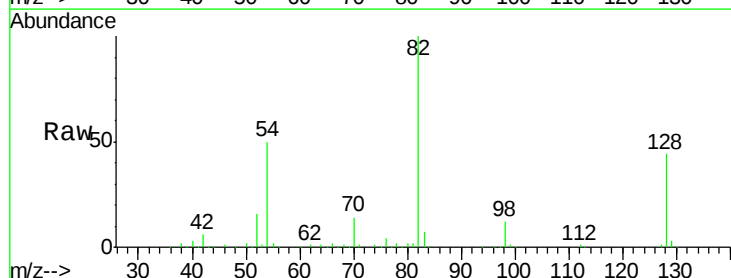
Tgt Ion: 82 Resp: 439470

Ion Ratio Lower Upper

82 100

128 44.3 36.1 54.1

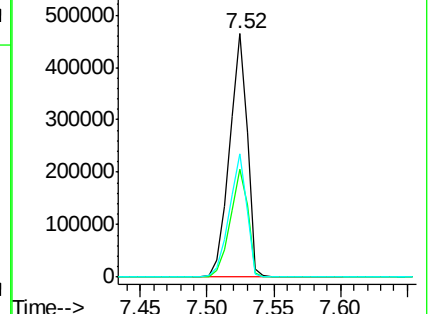
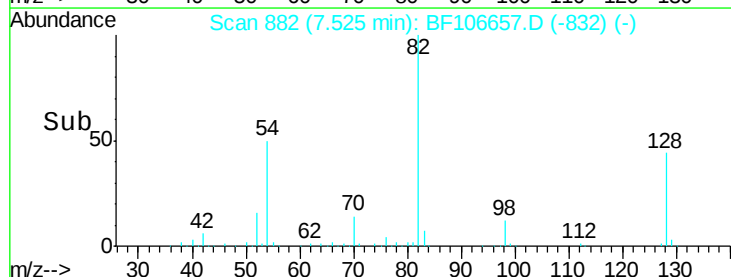
54 50.4 41.4 62.2

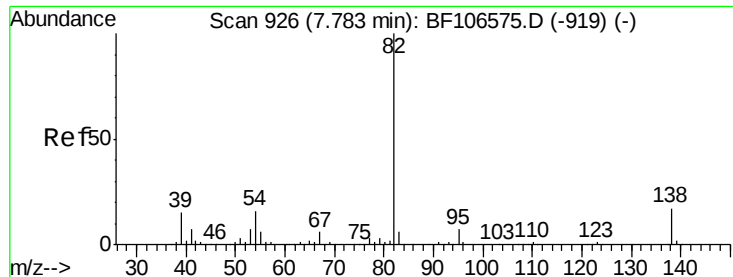


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.145 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106657.D

Acq: 21 Jun 2018 13:12

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ClientSampleId :

TP-12-S

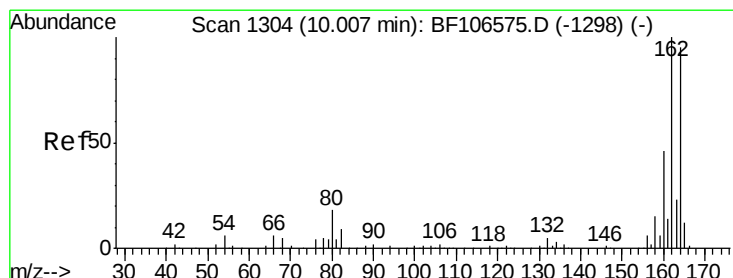
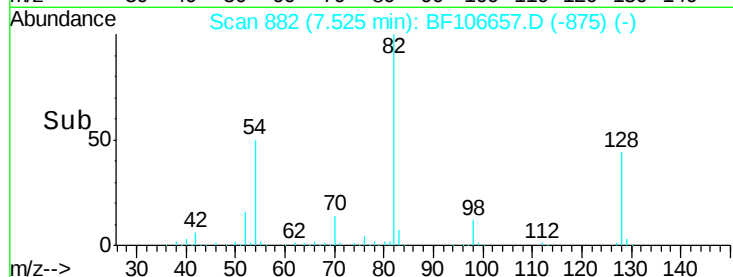
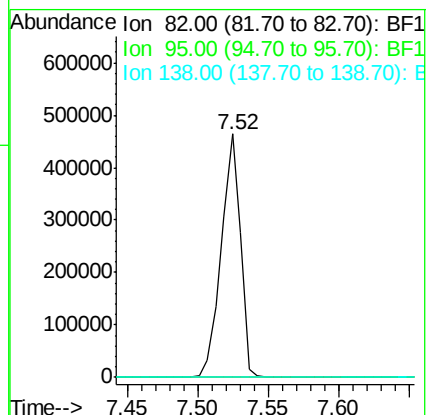
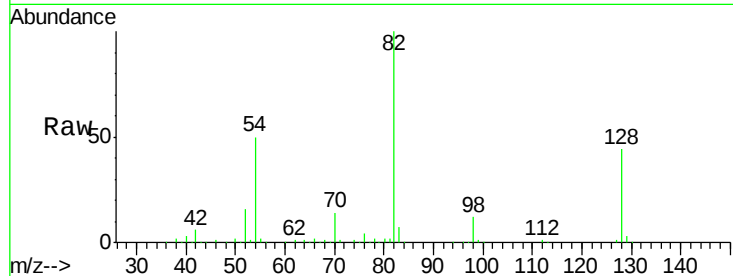
Tgt Ion: 82 Resp: 439462

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: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106657.D

Acq: 21 Jun 2018 13:12

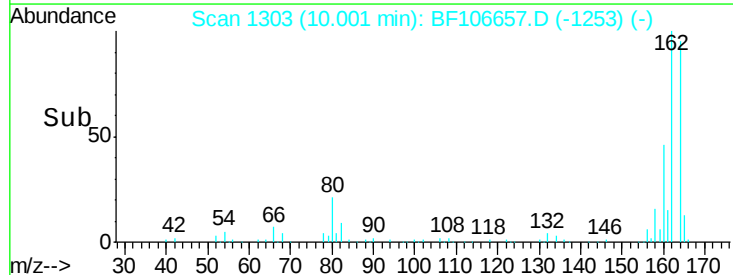
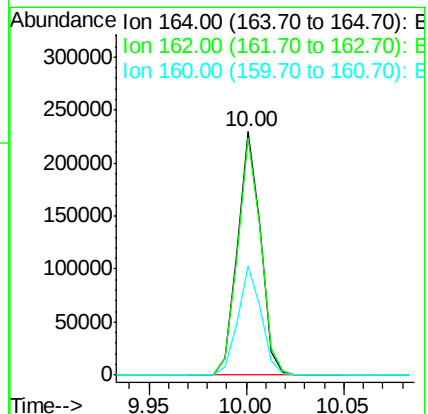
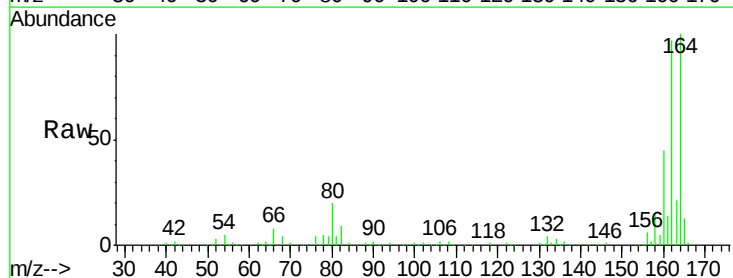
Tgt Ion: 164 Resp: 186903

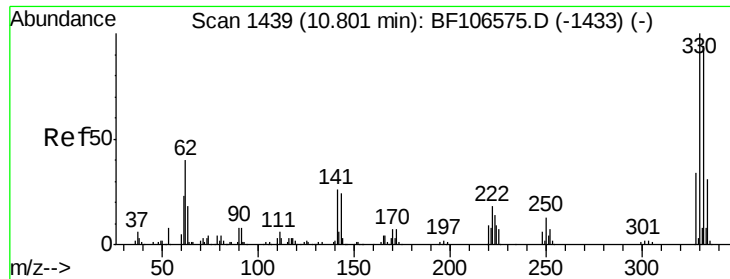
Ion Ratio Lower Upper

164 100

162 97.4 86.1 129.1

160 44.7 38.3 57.5

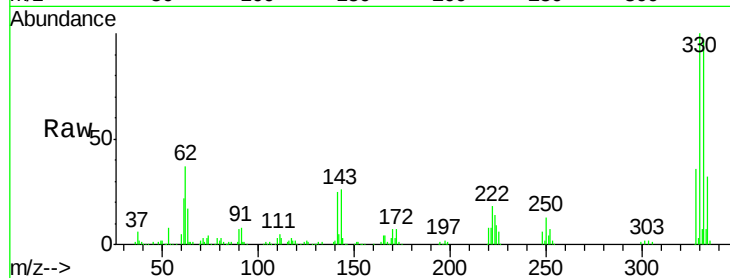




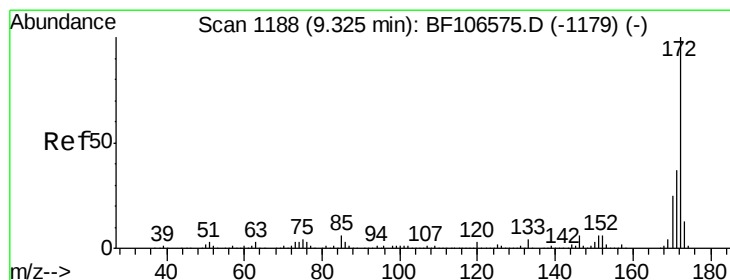
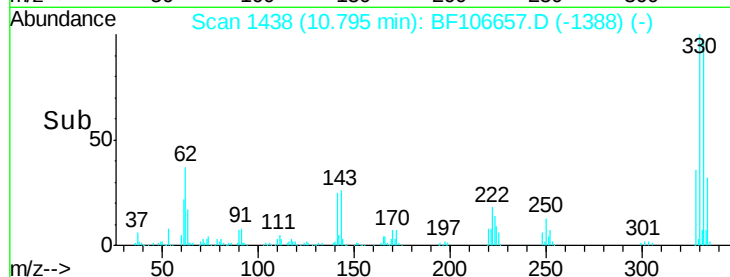
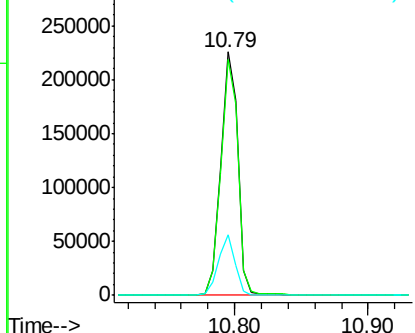
#41
 2,4,6-Tribromophenol
 Concen: 95.032 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106657.D
 Acq: 21 Jun 2018 13:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	24.3	29.9	44.9#

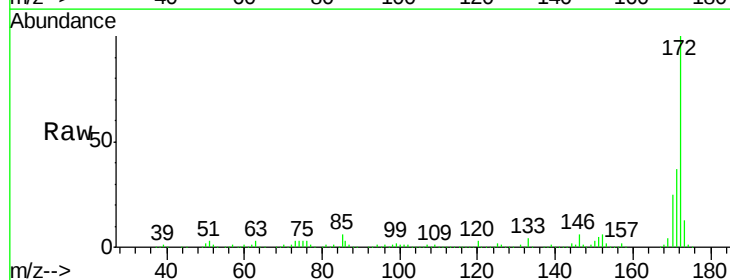


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

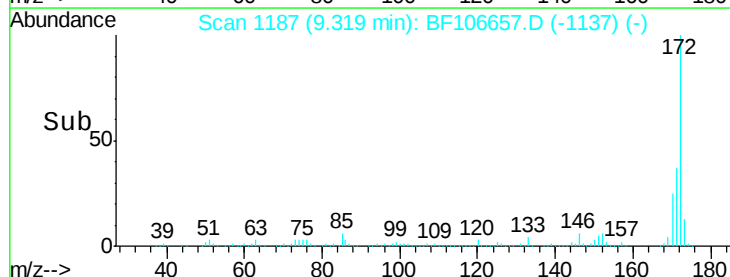
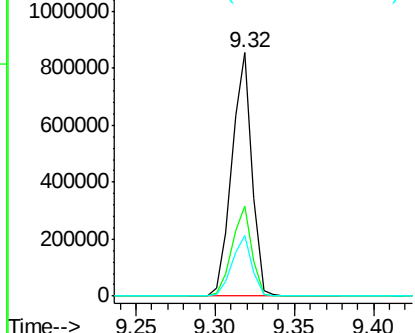


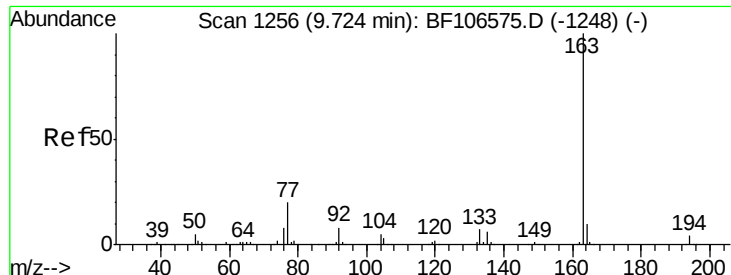
#44
 2-Fluorobiphenyl
 Concen: 64.351 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106657.D
 Acq: 21 Jun 2018 13:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.9	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

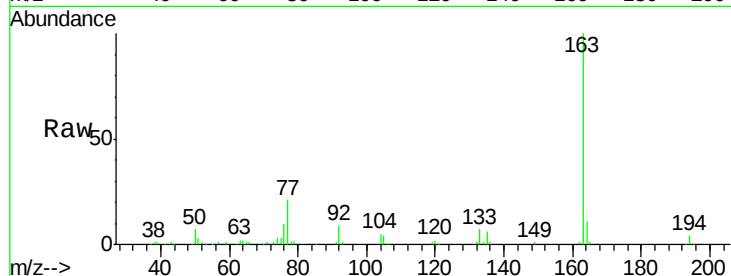




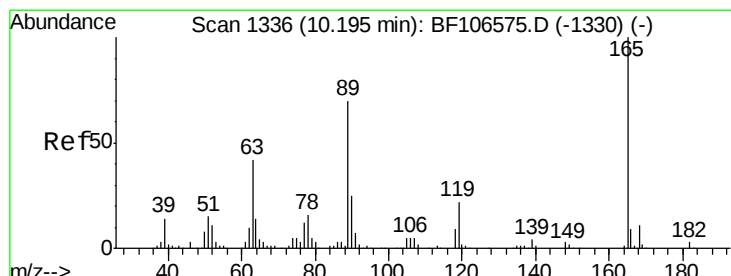
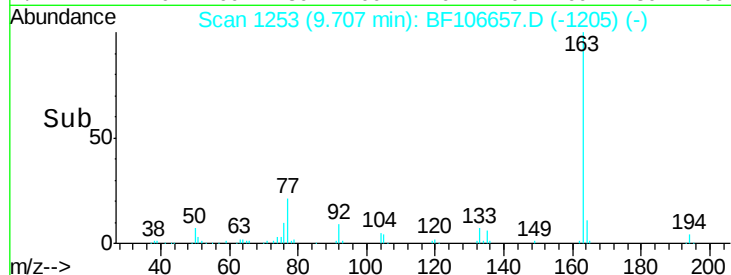
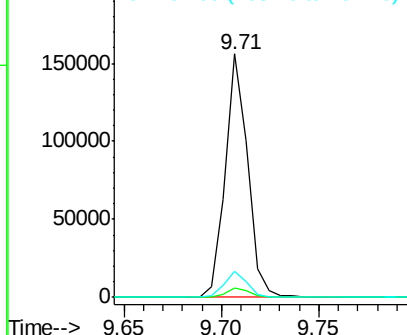
#49
Dimethylphthalate
Concen: 8.848 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:163 Resp: 124028
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.9 8.2 12.2

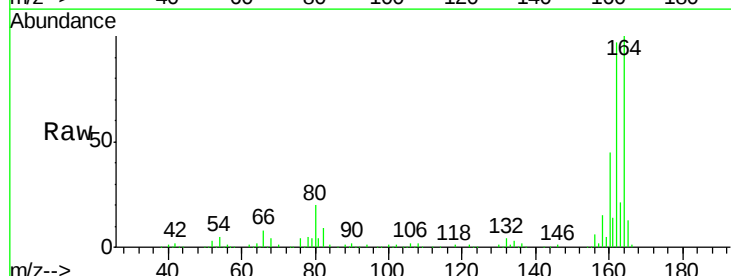


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

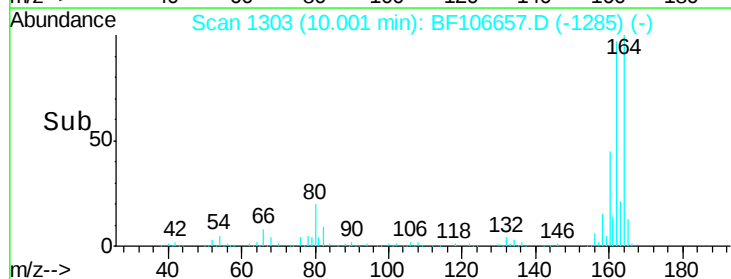
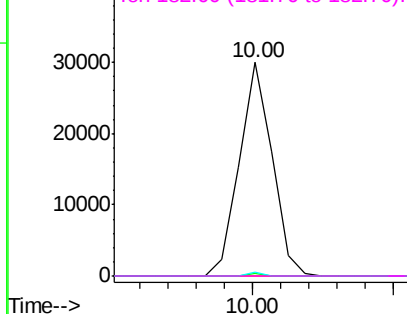


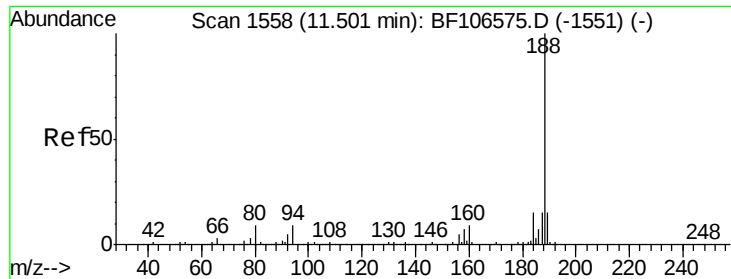
#56
2,4-Dinitrotoluene
Concen: 6.222 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Tgt Ion:165 Resp: 24108
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#



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
Ion 182.00 (181.70 to 182.70): E

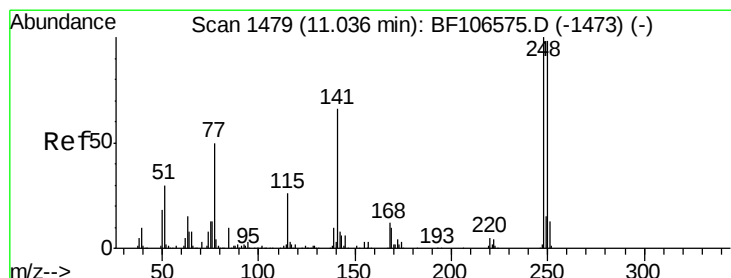
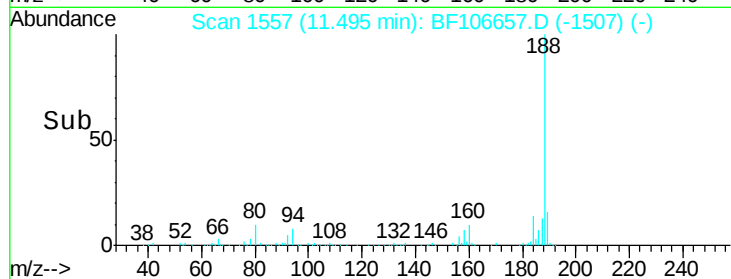
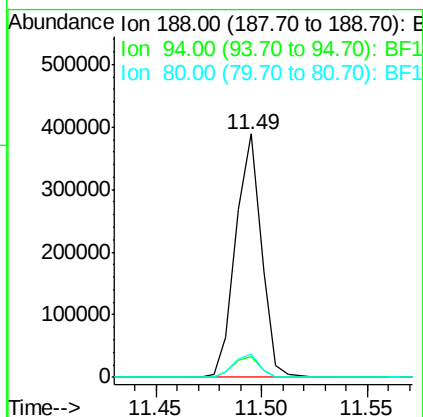
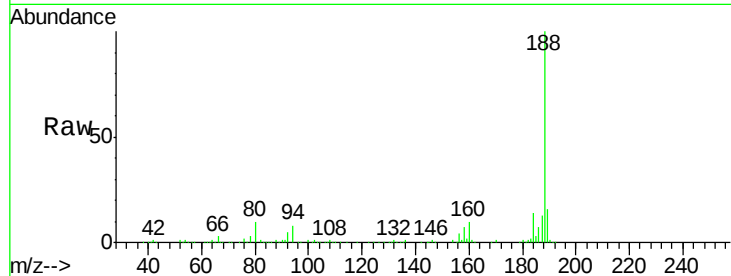




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

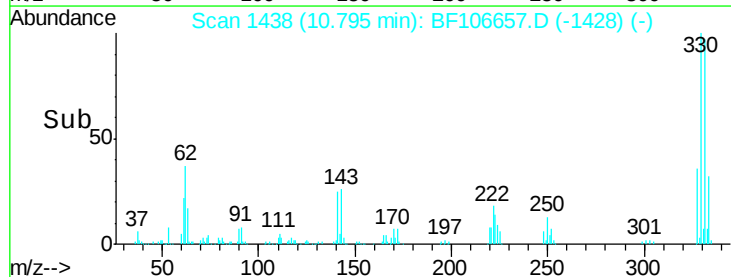
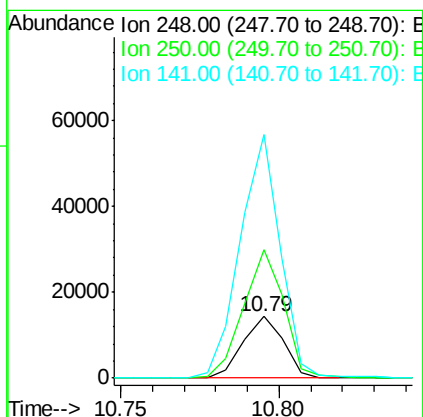
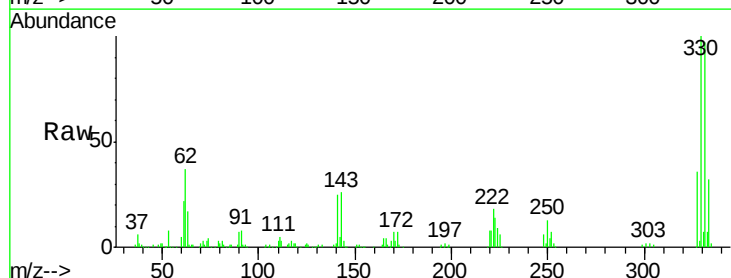
Instrument :
BNA_F
ClientSampleId :
TP-12-S

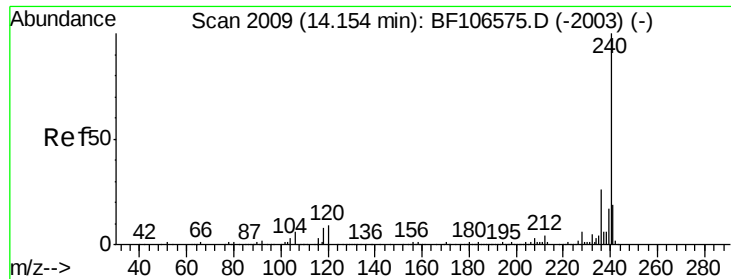
Tgt Ion:188 Resp: 325307
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 9.5 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.271 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Tgt Ion:248 Resp: 12701
Ion Ratio Lower Upper
248 100
250 209.3 76.9 115.3#
141 396.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106657.D

Acq: 21 Jun 2018 13:12

Instrument :

BNA_F

ClientSampleId :

TP-12-S

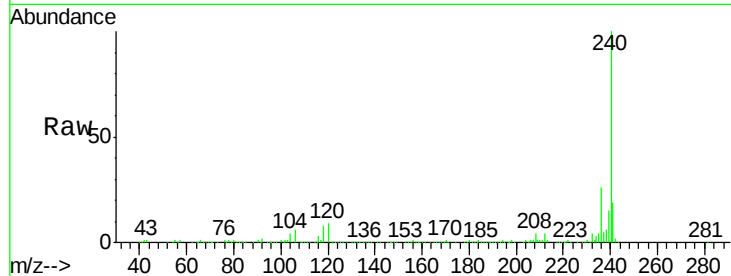
Tgt Ion:240 Resp: 263195

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

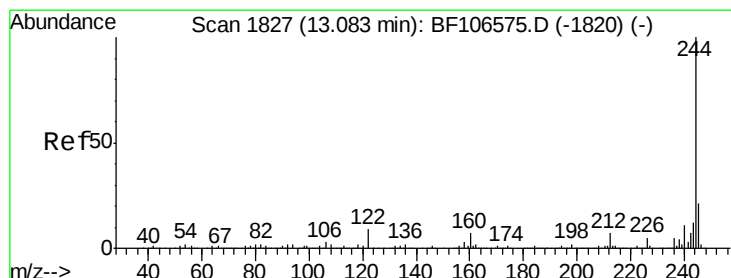
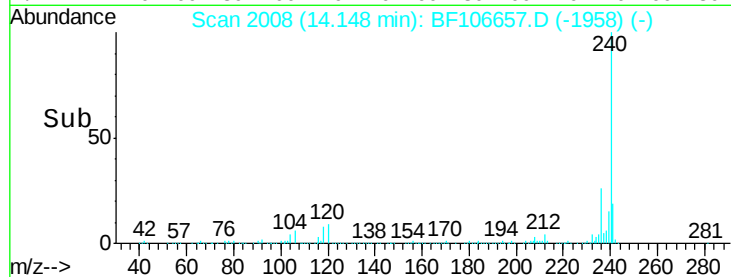
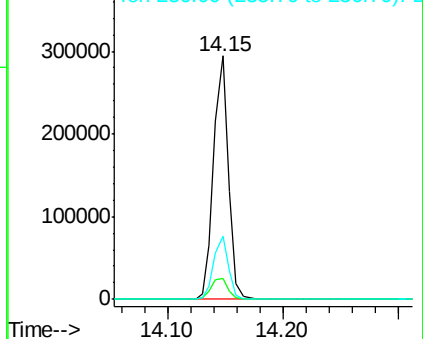
236 25.7 20.7 31.1



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: 70.789 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106657.D

Acq: 21 Jun 2018 13:12

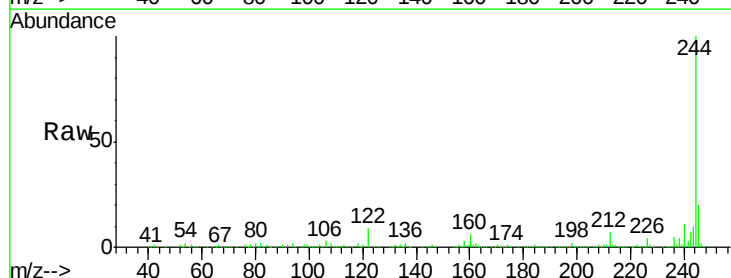
Tgt Ion:244 Resp: 769153

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

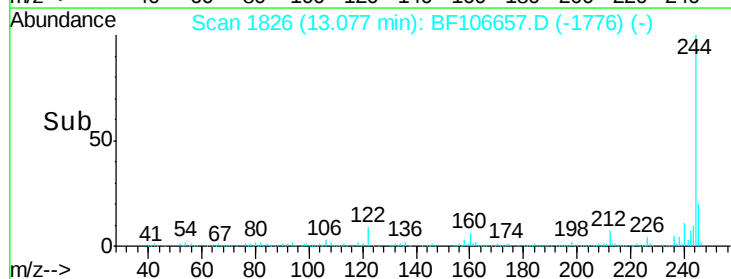
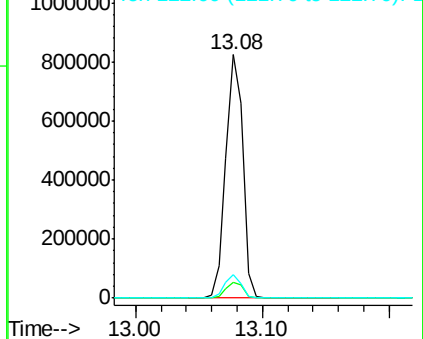
122 9.4 11.0 16.4#

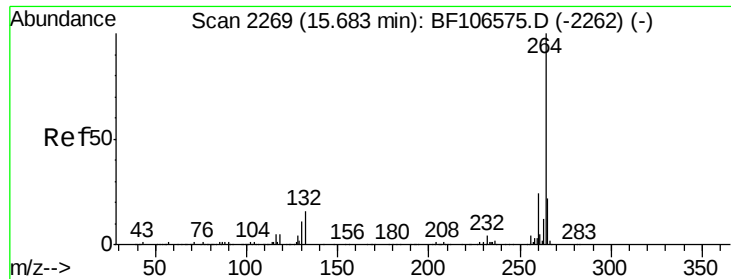


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106657.D
Acq: 21 Jun 2018 13:12

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion: 264 Resp: 209059
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.6 17.5 26.3

