

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106806.D
 Acq On : 26 Jun 2018 7:18
 Operator : JU/SJ
 Sample : J3689-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 08:53:09 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

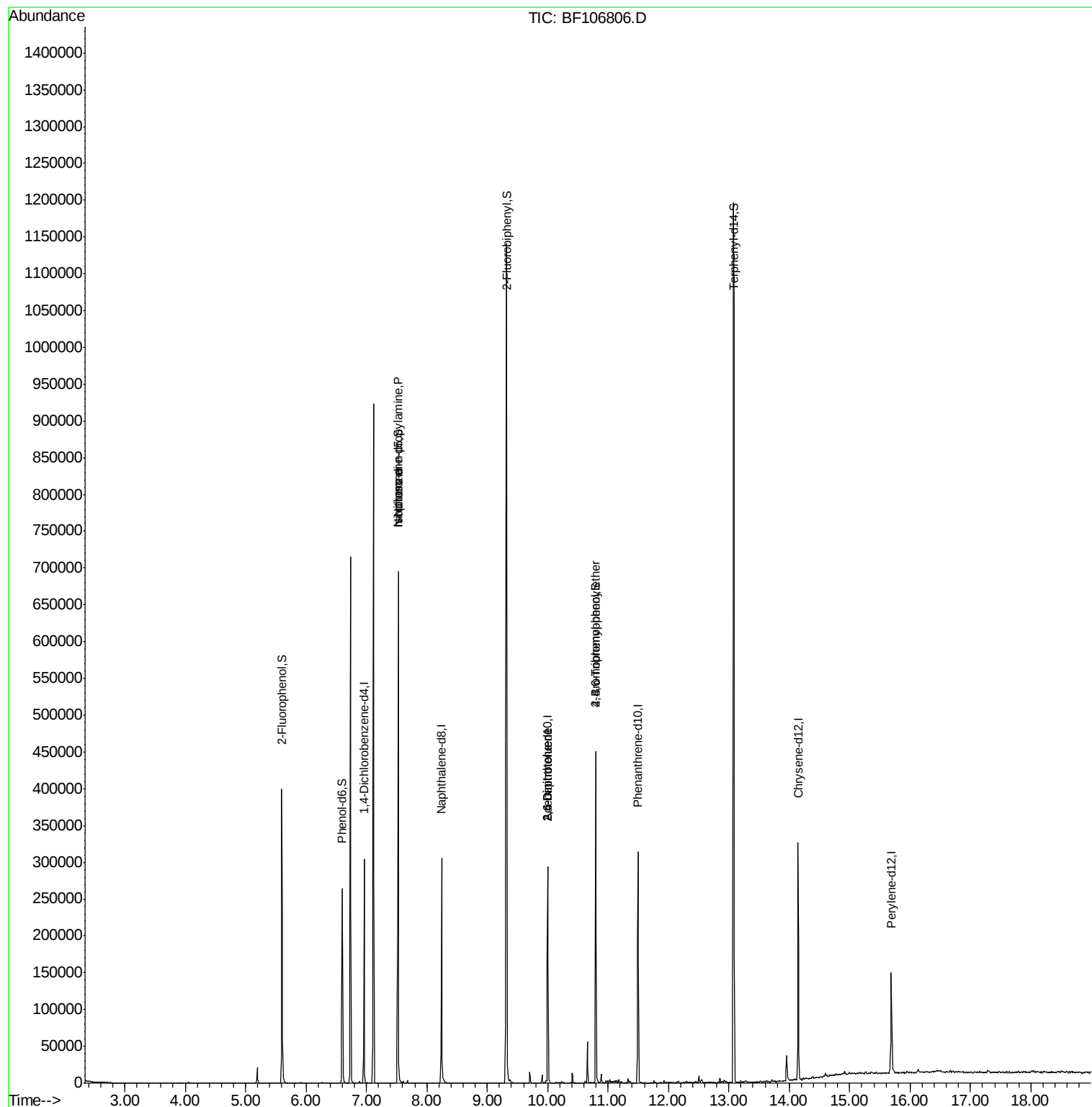
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	42188	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	141633	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	60662	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	119087	20.00	ng	0.00
75) Chrysene-d12	14.15	240	113601	20.00	ng	-0.02
86) Perylene-d12	15.69	264	77061	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	109376	43.90	ng	0.00
7) Phenol-d6	6.60	99	92180	29.63	ng	-0.02
23) Nitrobenzene-d5	7.52	82	227329	89.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	64215	91.33	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	407665	119.79	ng	0.00
78) Terphenyl-d14	13.08	244	466706	99.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	29562	14.414	ng	# 74
25) Isophorone	7.52	82	227327	50.619	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	7530	7.816	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	7530	5.988	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	3941	2.773	ng	# 1

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

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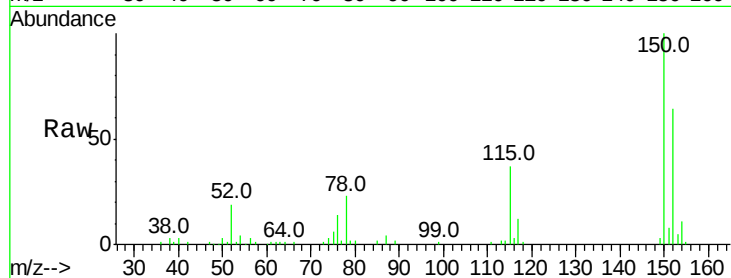


#1

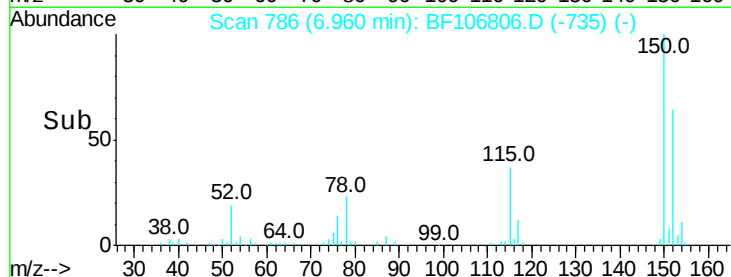
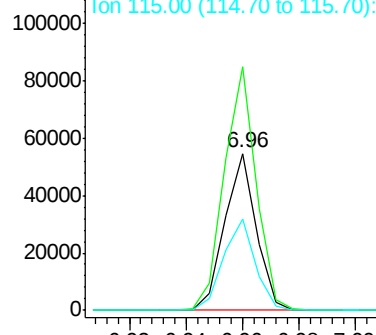
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106806.D
Acq: 26 Jun 2018 7:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 42188
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 58.0 50.1 75.1



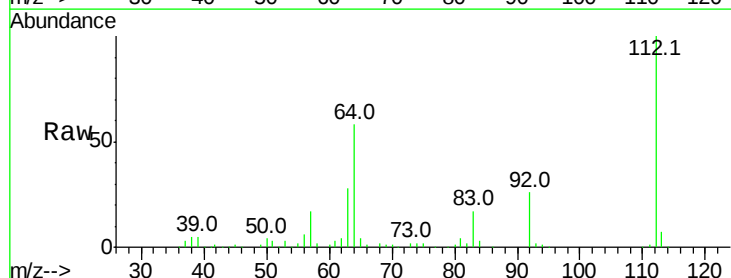
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



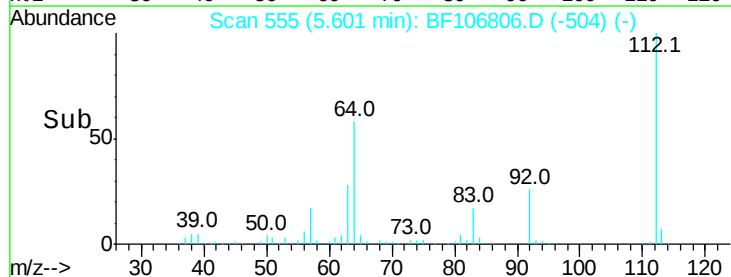
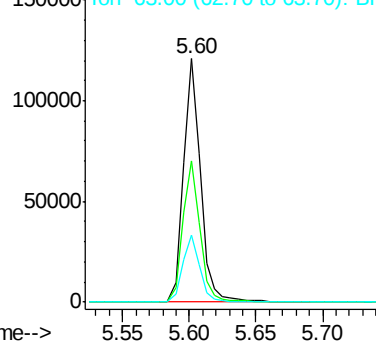
#5

2-Fluorophenol
Concen: 43.901 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106806.D
Acq: 26 Jun 2018 7:18

Tgt Ion:112 Resp: 109376
Ion Ratio Lower Upper
112 100
64 57.9 47.9 71.9
63 27.7 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: 29.627 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106806.D

Acq: 26 Jun 2018 7:18

Instrument :

BNA_F

ClientSampleId :

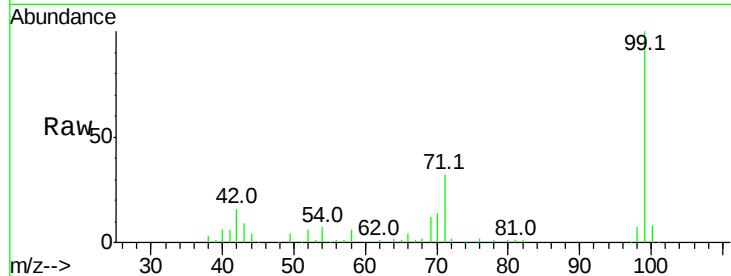
Tot Ion: 99 Resp: 92180

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

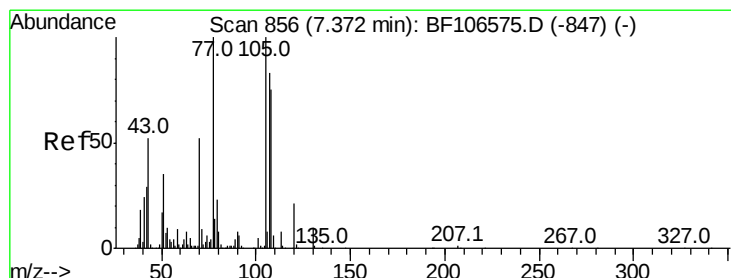
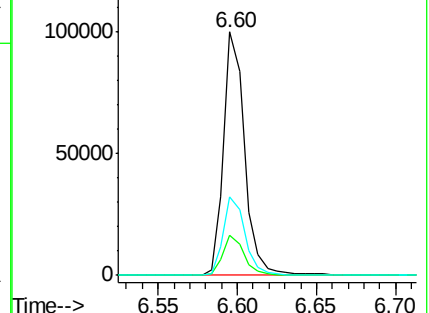
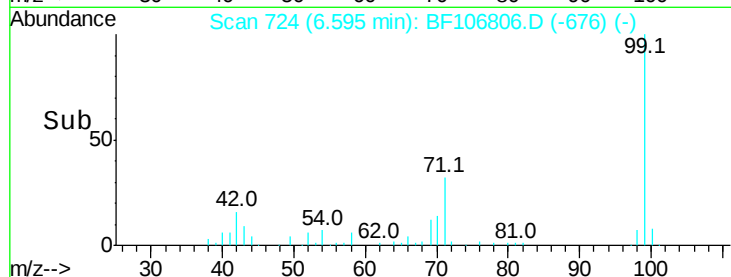
71 32.2 25.4 38.0



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: 14.414 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106806.D

Acq: 26 Jun 2018 7:18

Tgt Ion: 70 Resp: 29562

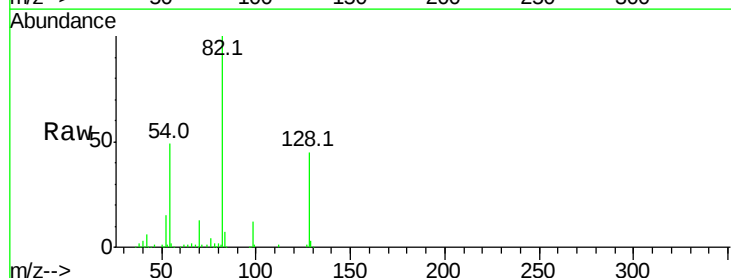
Ion Ratio Lower Upper

70 100

42 42.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#

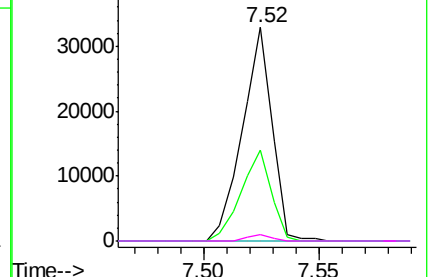
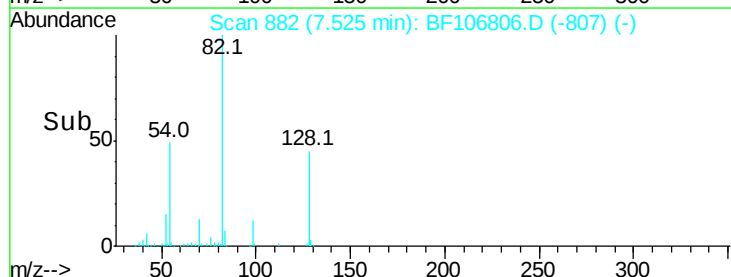


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF106806.D

Acq: 26 Jun 2018 7:18

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 141633

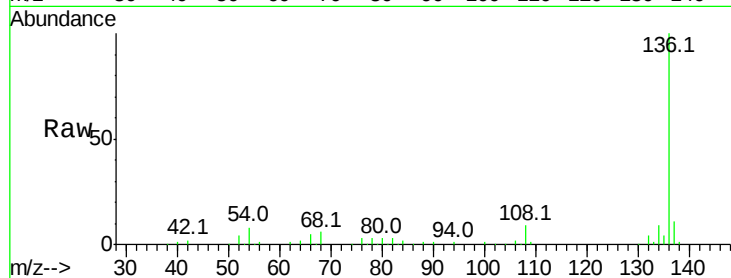
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.6 6.6 9.8

68 6.1 5.0 7.4

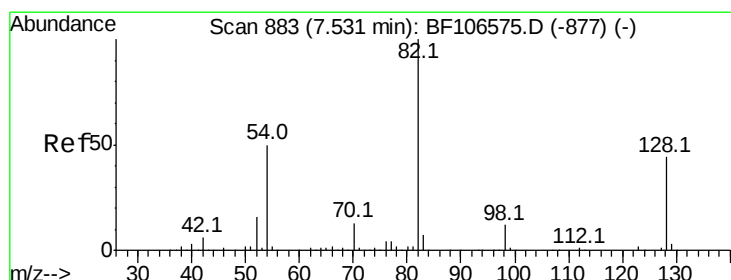
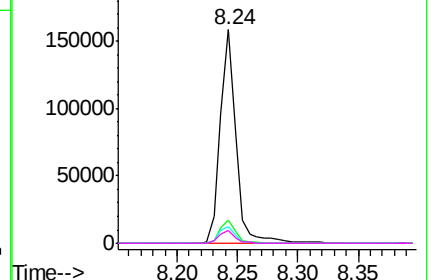
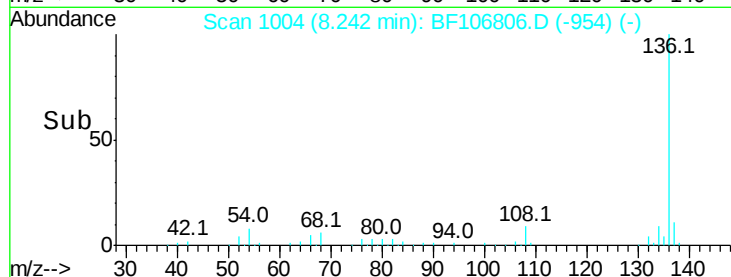


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.199 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106806.D

Acq: 26 Jun 2018 7:18

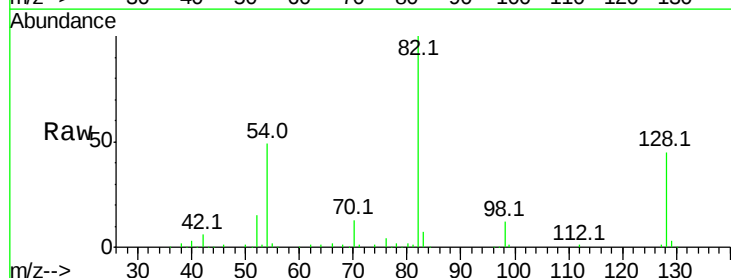
Tgt Ion: 82 Resp: 227329

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

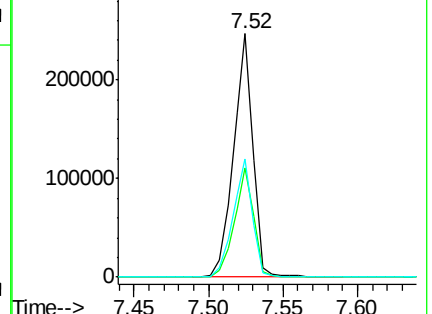
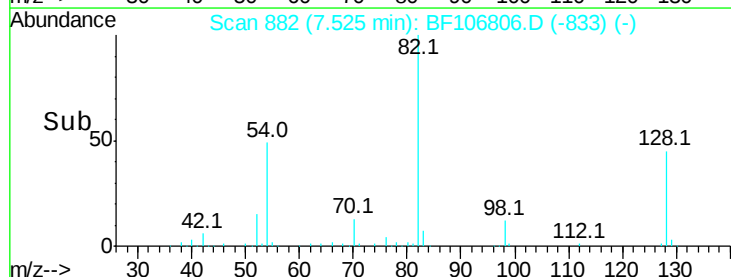
54 48.6 41.4 62.2

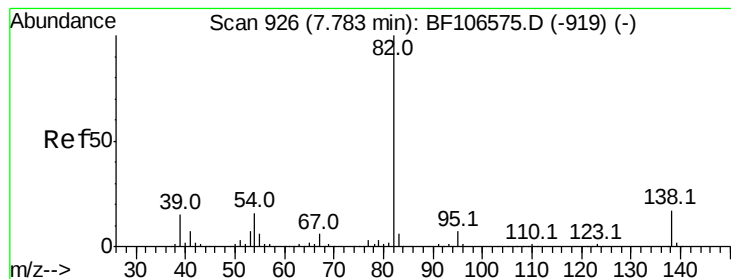


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.619 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106806.D

Acq: 26 Jun 2018 7:18

Instrument :

BNA_F

ClientSampleId :

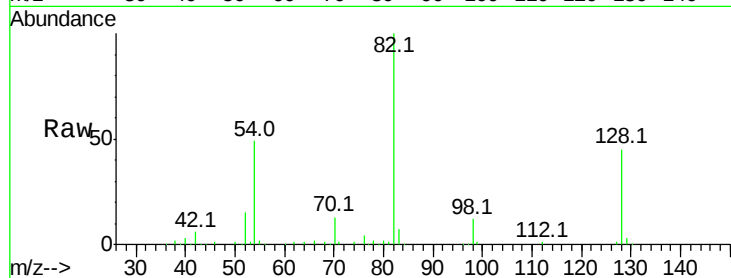
Tot Ion: 82 Resp: 227327

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

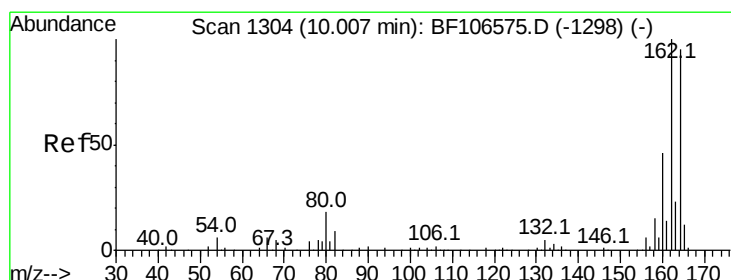
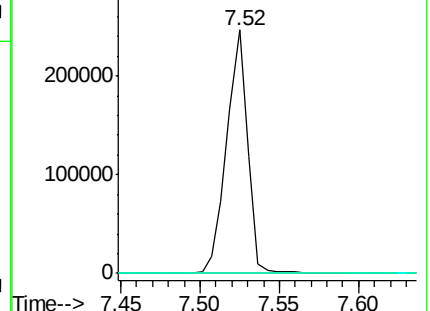
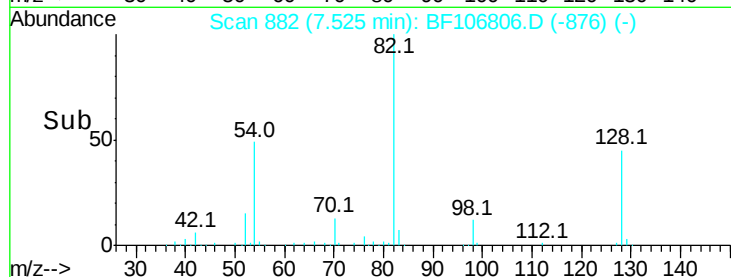
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106806.D

Acq: 26 Jun 2018 7:18

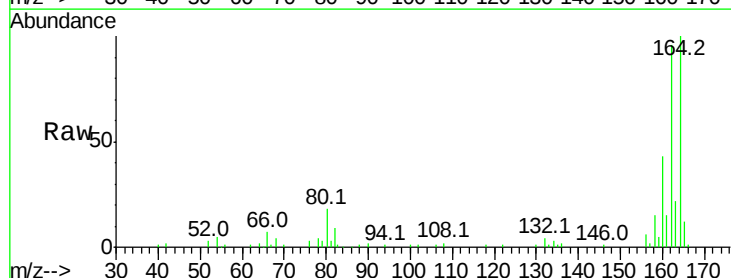
Tgt Ion:164 Resp: 60662

Ion Ratio Lower Upper

164 100

162 96.0 86.1 129.1

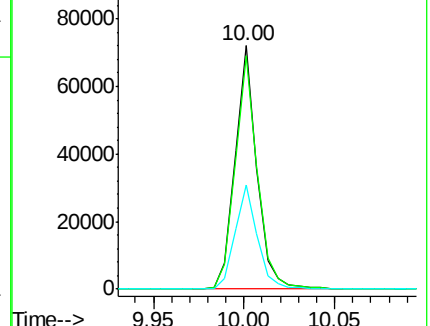
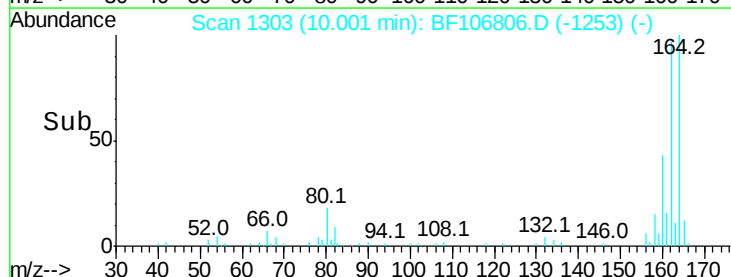
160 42.6 38.3 57.5

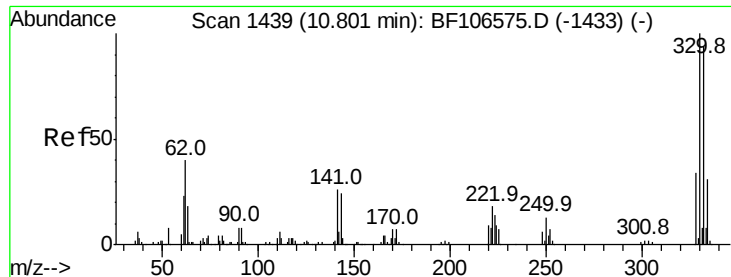


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

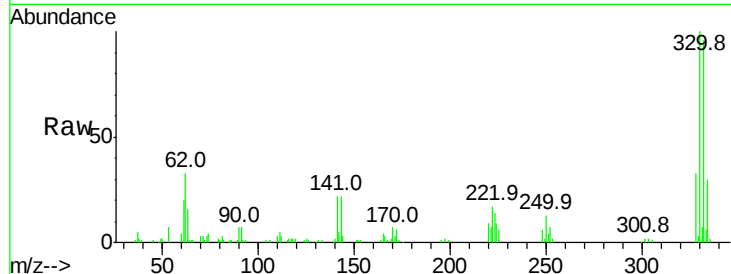




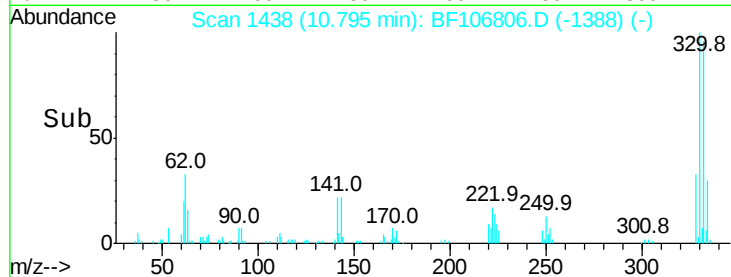
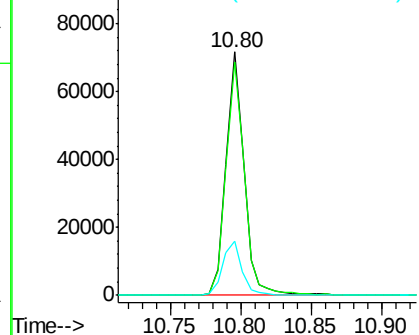
#41
 2,4,6-Tribromophenol
 Concen: 91.333 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106806.D
 Acq: 26 Jun 2018 7:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	23.4	29.9	44.9#

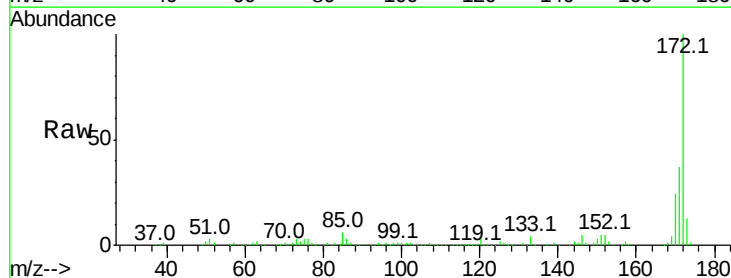


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

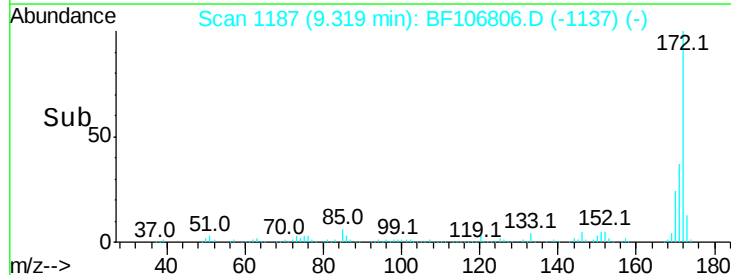
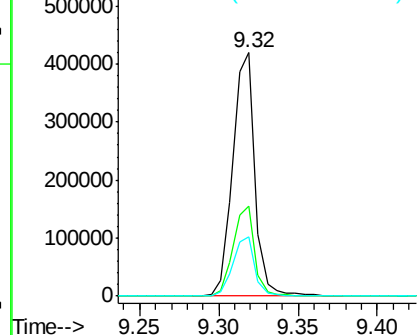


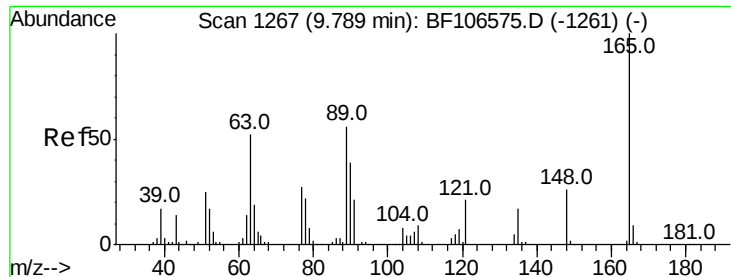
#44
 2-Fluorobiphenyl
 Concen: 119.786 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106806.D
 Acq: 26 Jun 2018 7:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.3	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

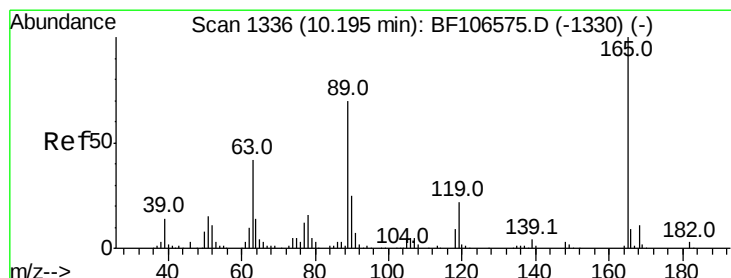
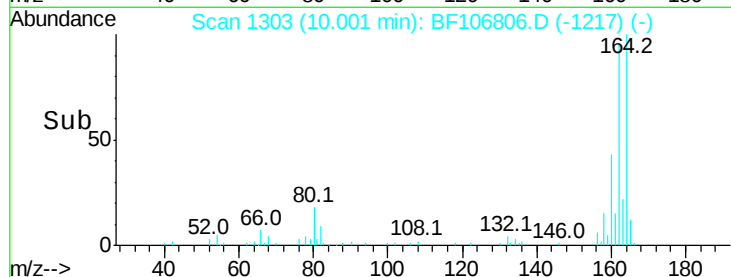
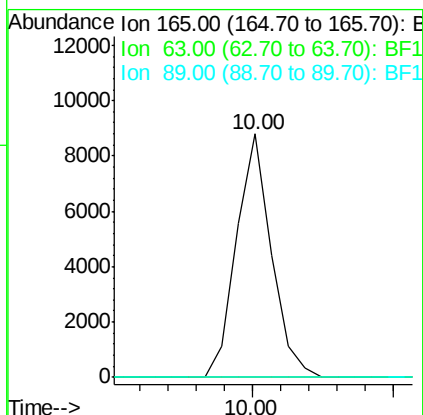
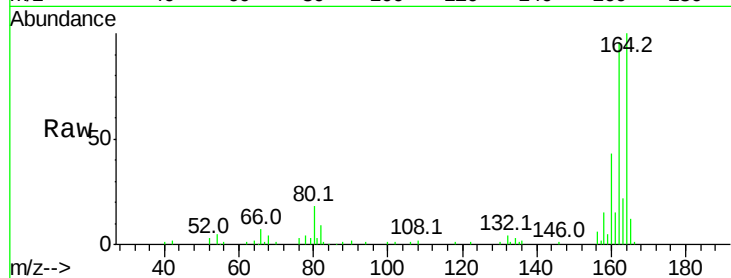




#50
2,6-Dinitrotoluene
Concen: 7.816 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106806.D
Acq: 26 Jun 2018 7:18

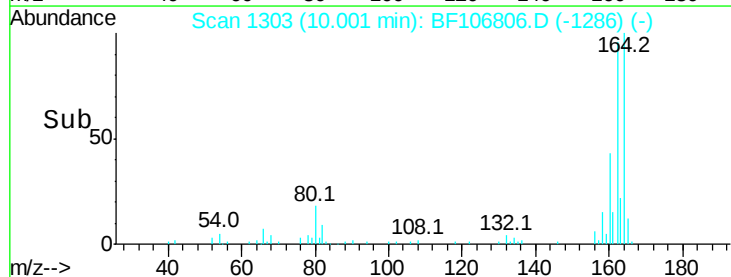
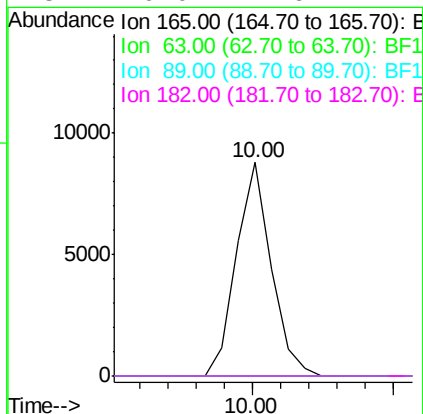
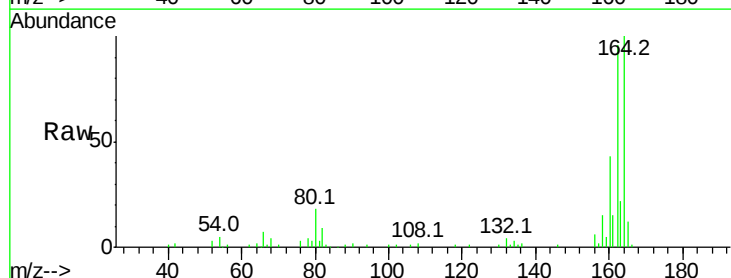
Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 7530
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



#56
2,4-Dinitrotoluene
Concen: 5.988 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF106806.D
Acq: 26 Jun 2018 7:18

Tgt Ion:165 Resp: 7530
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106806.D

Acq: 26 Jun 2018 7:18

Instrument :

BNA_F

ClientSampleId :

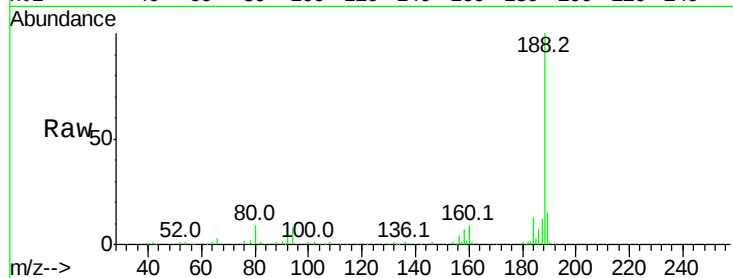
Tot Ion:188 Resp: 119087

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

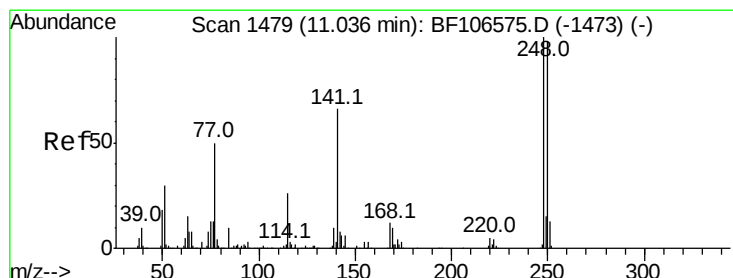
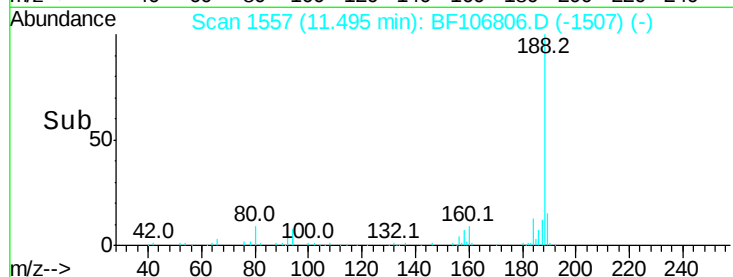
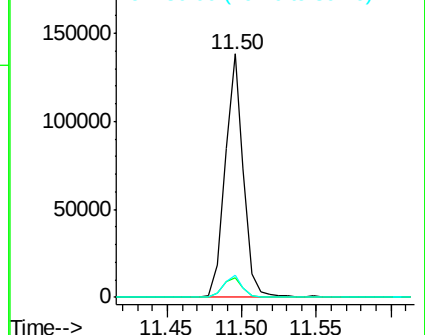
80 9.1 9.2 13.8#



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



#66

4-Bromophenyl-phenylether

Concen: 2.773 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.24 min

Lab File: BF106806.D

Acq: 26 Jun 2018 7:18

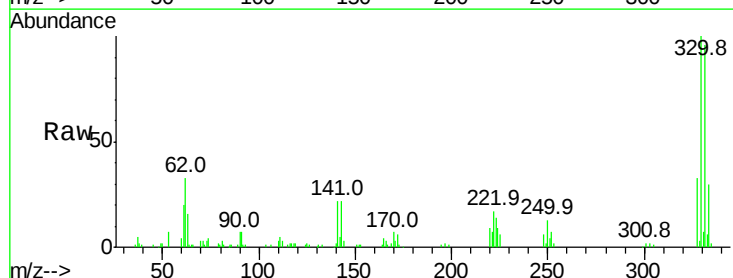
Tgt Ion:248 Resp: 3941

Ion Ratio Lower Upper

248 100

250 203.2 76.9 115.3#

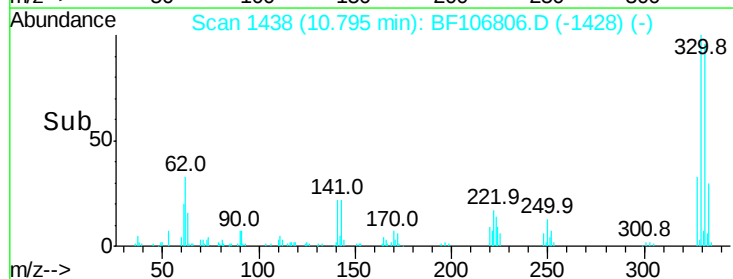
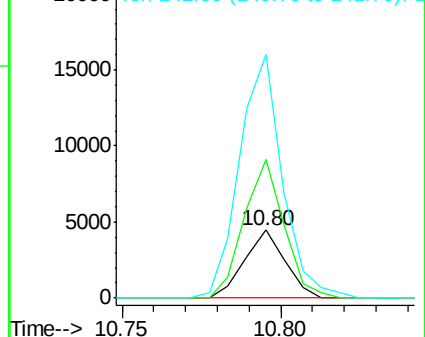
141 357.8 74.4 111.6#

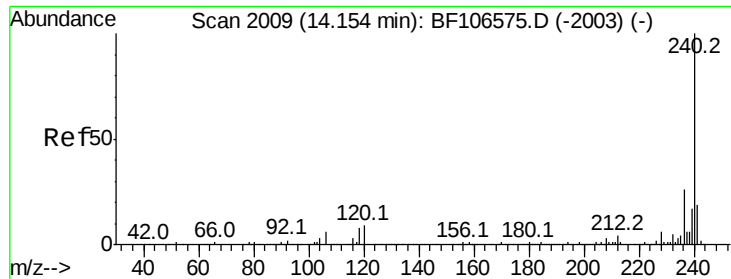


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF106806.D

Acq: 26 Jun 2018 7:18

Instrument :

BNA_F

ClientSampleId :

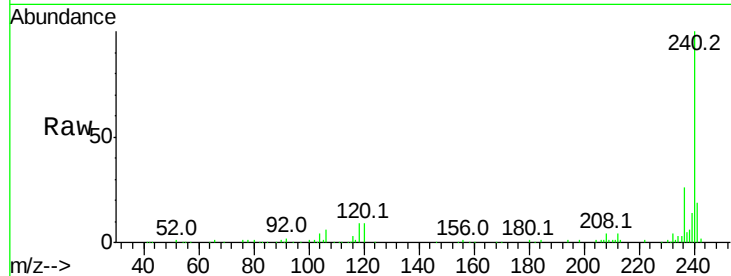
Tot Ion:240 Resp: 113601

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

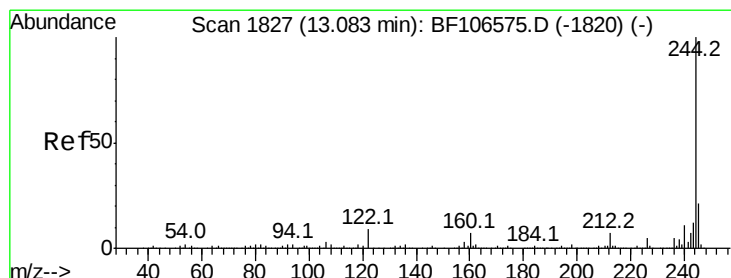
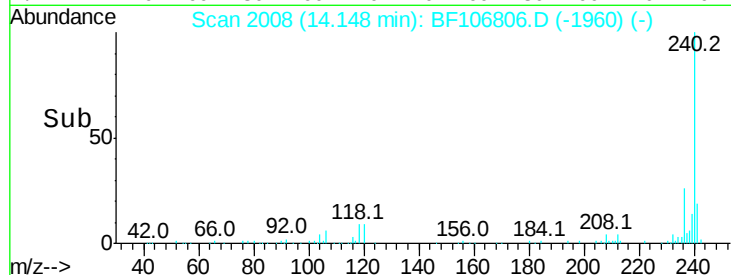
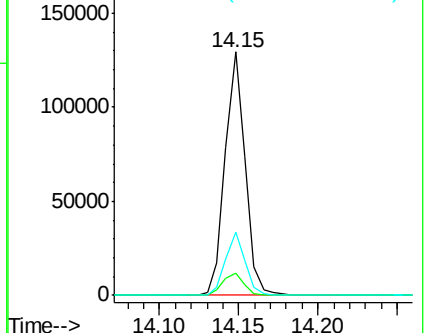
236 26.1 20.7 31.1



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: 99.515 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106806.D

Acq: 26 Jun 2018 7:18

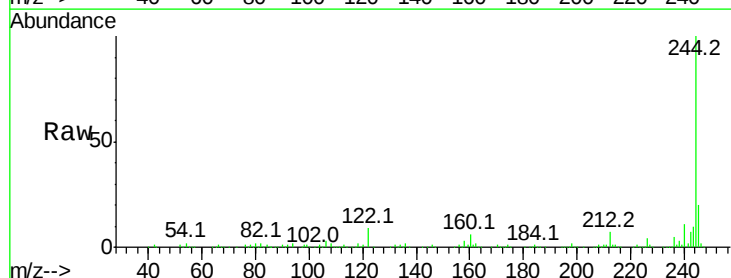
Tgt Ion:244 Resp: 466706

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

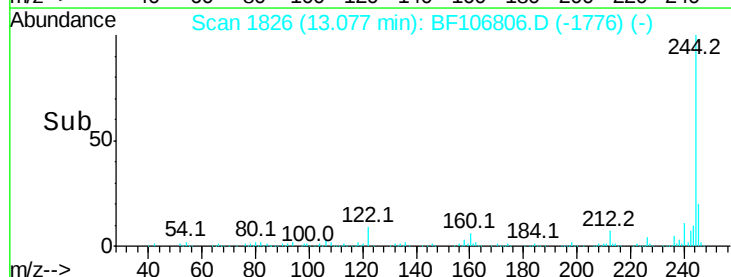
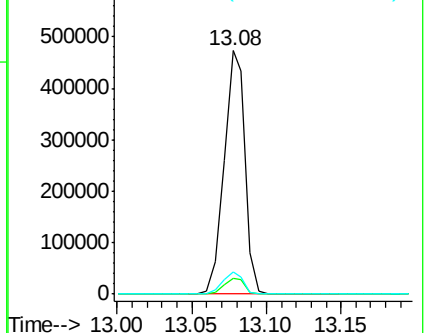
122 9.2 11.0 16.4#

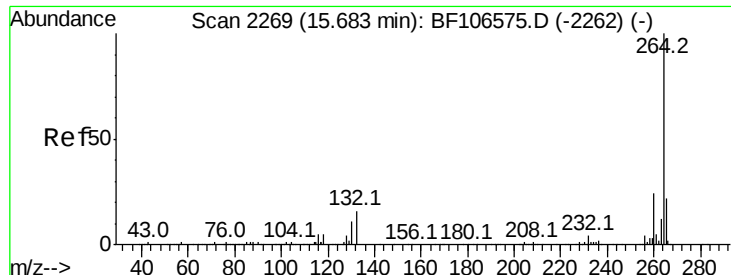


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

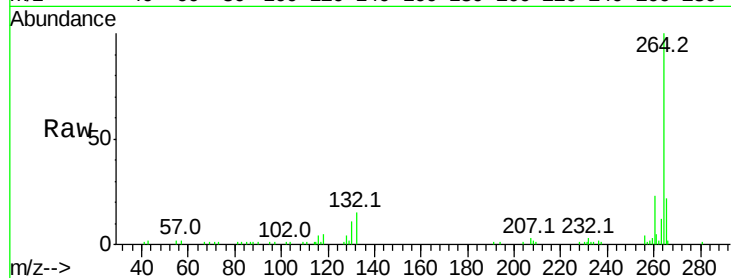




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF106806.D
Acq: 26 Jun 2018 7:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	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

