

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106803.D
 Acq On : 26 Jun 2018 5:59
 Operator : JU/SJ
 Sample : J3689-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 07:28:48 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

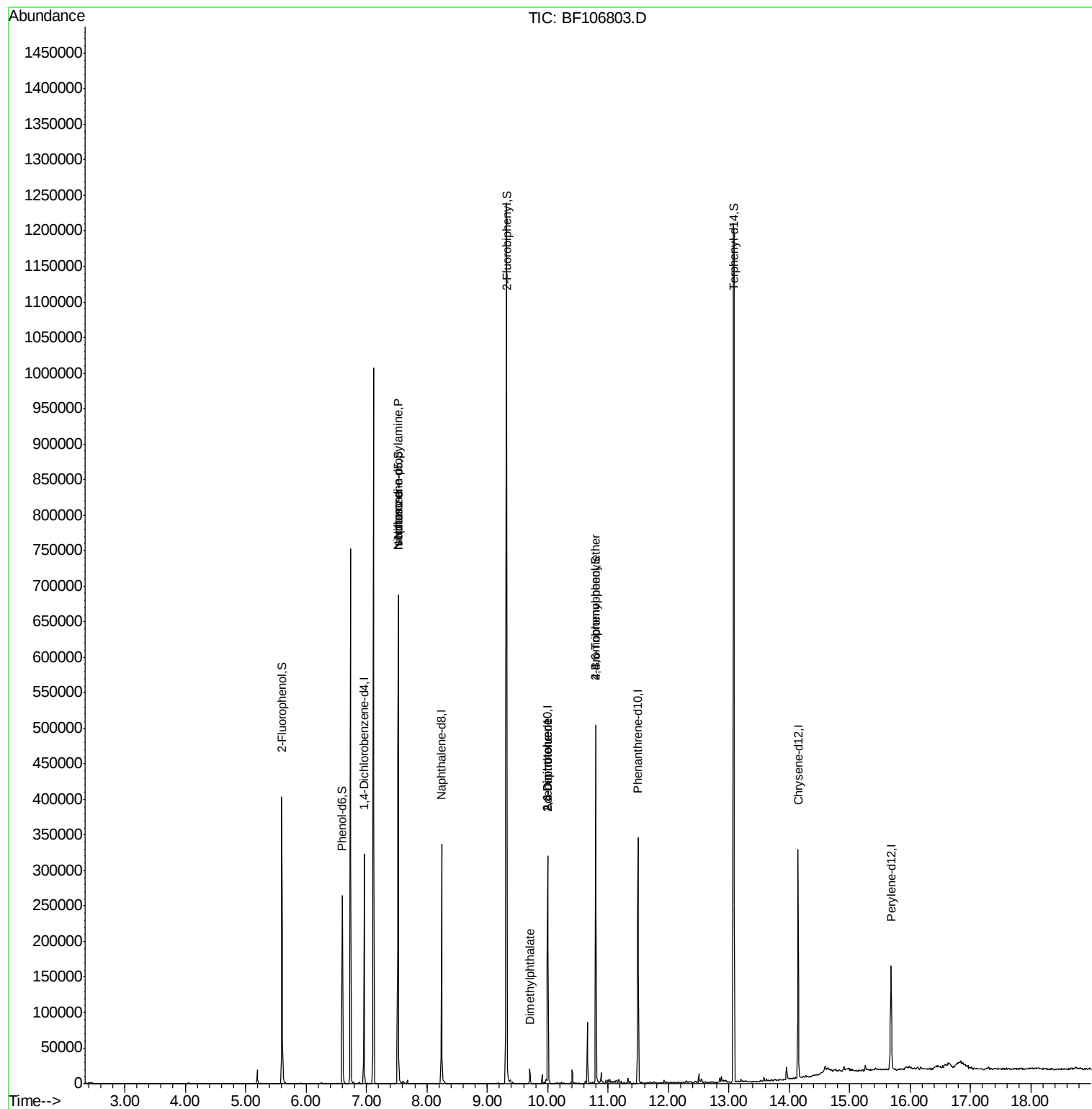
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	44820	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	153475	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	65442	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	129144	20.00	ng	0.00
75) Chrysene-d12	14.15	240	114656	20.00	ng	-0.02
86) Perylene-d12	15.68	264	80812	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	110050	41.58	ng	0.00
7) Phenol-d6	6.60	99	93467	28.28	ng	-0.01
23) Nitrobenzene-d5	7.52	82	241461	87.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	70426	92.85	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	427074	115.81	ng	0.00
78) Terphenyl-d14	13.08	244	495122	104.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	31033	14.243	ng	# 72
25) Isophorone	7.52	82	241457	49.617	ng	# 64
49) Dimethylphthalate	9.71	163	10237	2.086	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	8108	7.801	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	8108	5.977	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	4463	2.896	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106803.D
Acq On : 26 Jun 2018 5:59
Operator : JU/SJ
Sample : J3689-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 26 07:28:48 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



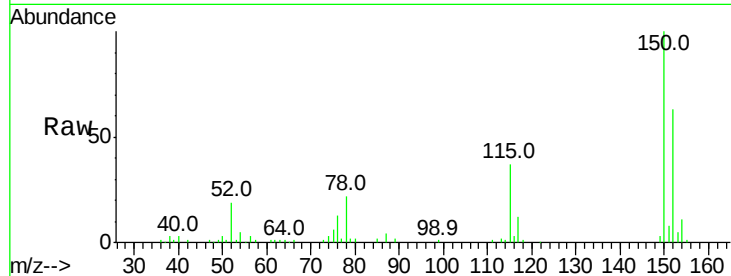


#1

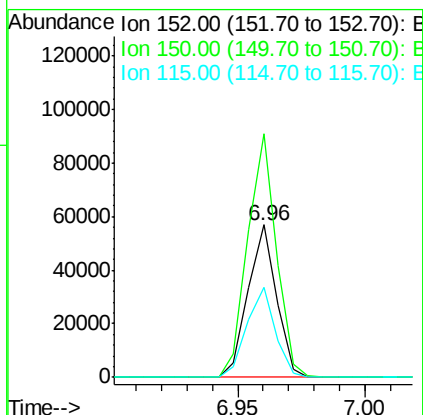
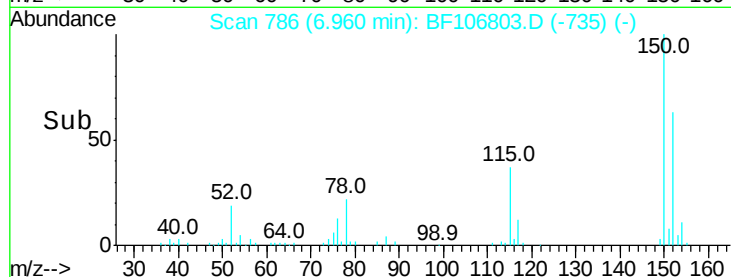
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106803.D
Acq: 26 Jun 2018 5:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 44820
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 59.1 50.1 75.1



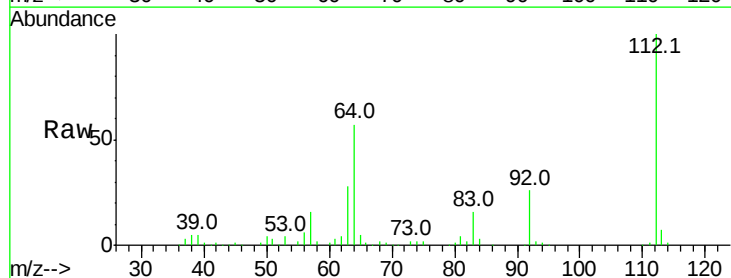
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



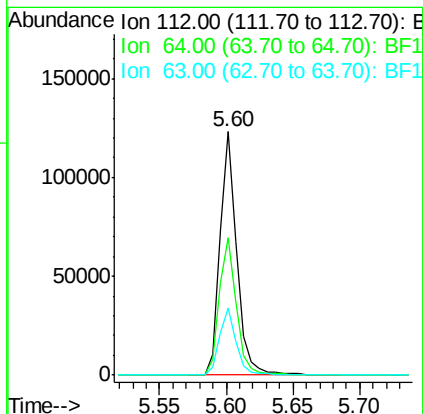
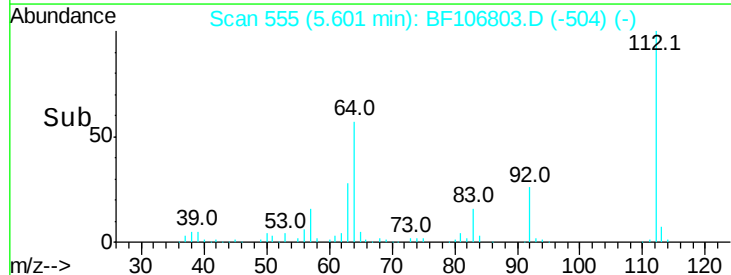
#5

2-Fluorophenol
Concen: 41.577 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF106803.D
Acq: 26 Jun 2018 5:59

Tgt Ion:112 Resp: 110050
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 27.6 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: 28.277 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106803.D

Acq: 26 Jun 2018 5:59

Instrument :

BNA_F

ClientSampleId :

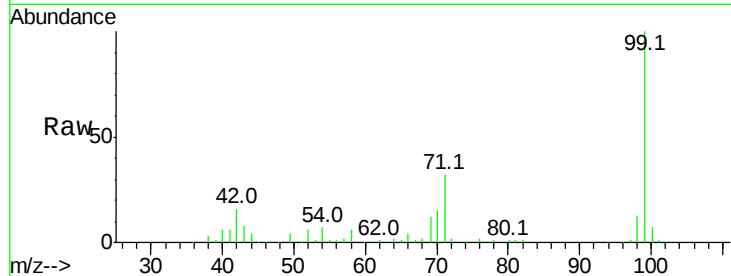
Tot Ion: 99 Resp: 93467

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

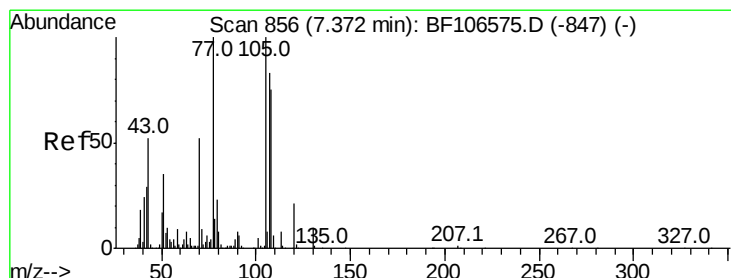
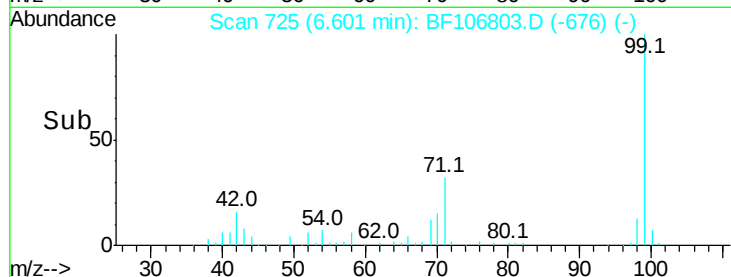
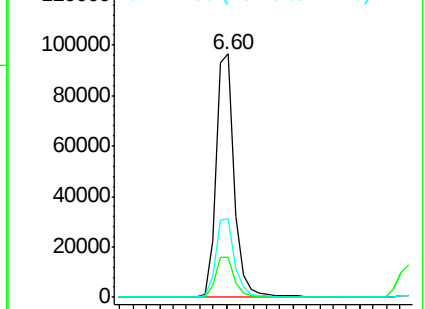
71 32.3 25.4 38.0



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: 14.243 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106803.D

Acq: 26 Jun 2018 5:59

Tgt Ion: 70 Resp: 31033

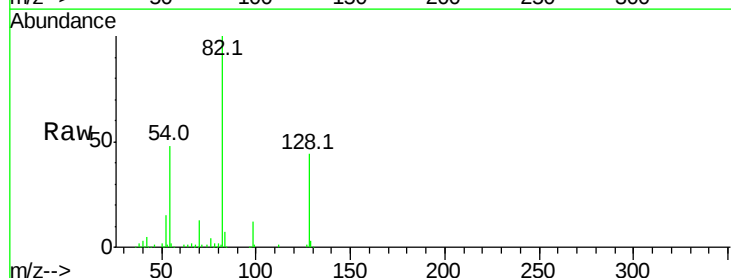
Ion Ratio Lower Upper

70 100

42 41.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

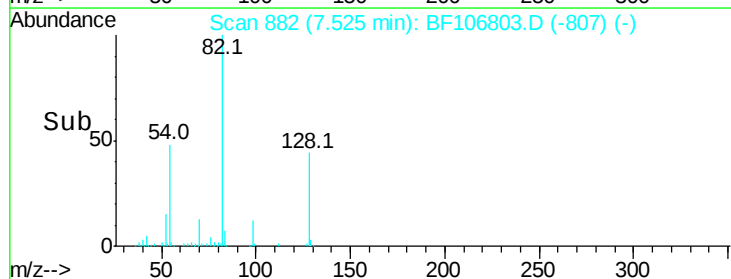
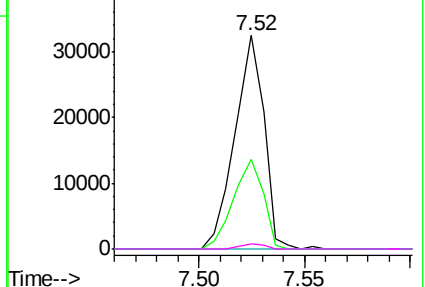


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF106803.D

Acq: 26 Jun 2018 5:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 153475

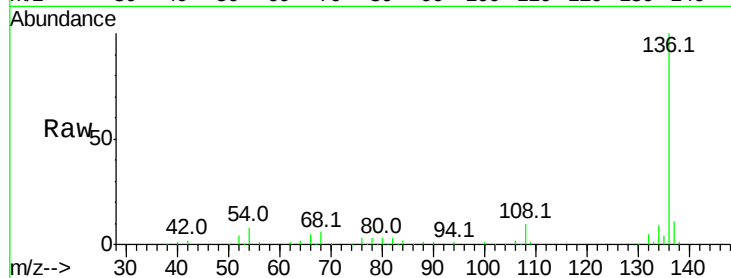
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.1 6.6 9.8

68 6.1 5.0 7.4

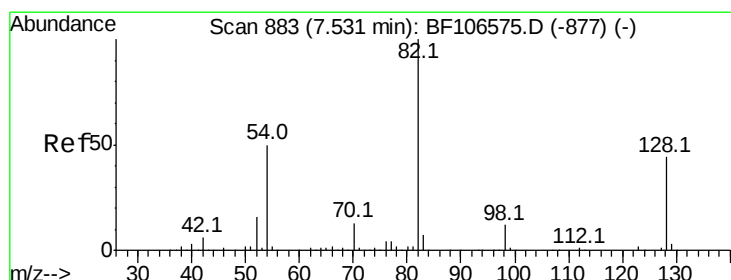
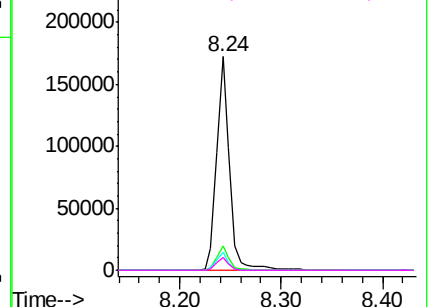
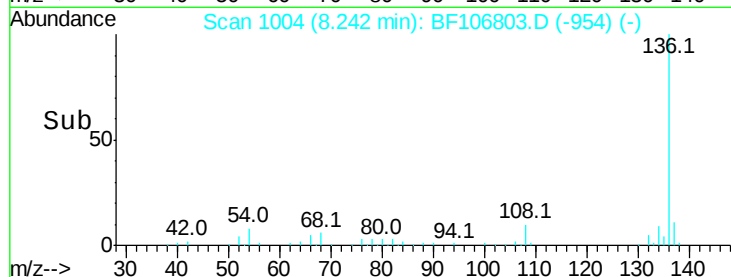


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.433 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106803.D

Acq: 26 Jun 2018 5:59

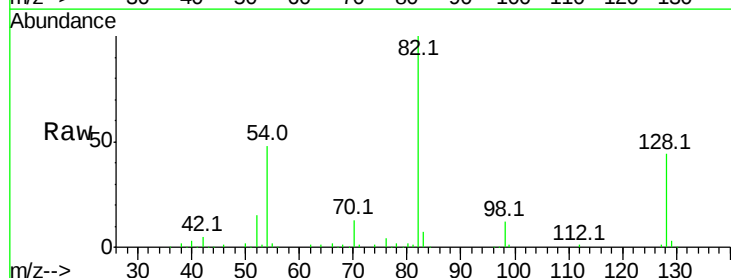
Tgt Ion: 82 Resp: 241461

Ion Ratio Lower Upper

82 100

128 43.9 36.1 54.1

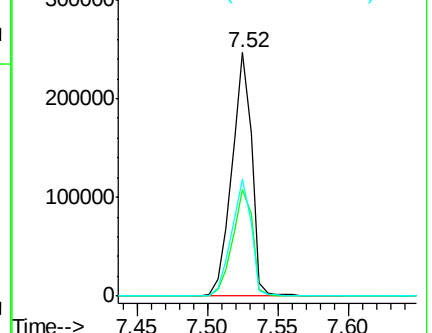
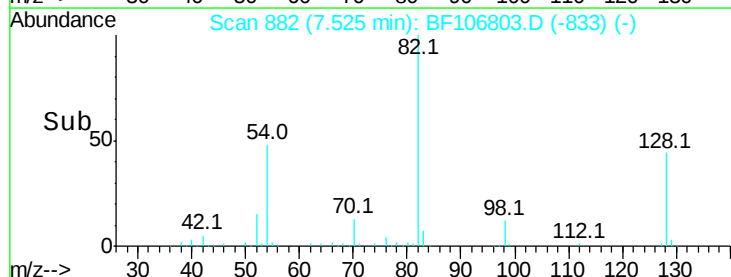
54 47.9 41.4 62.2

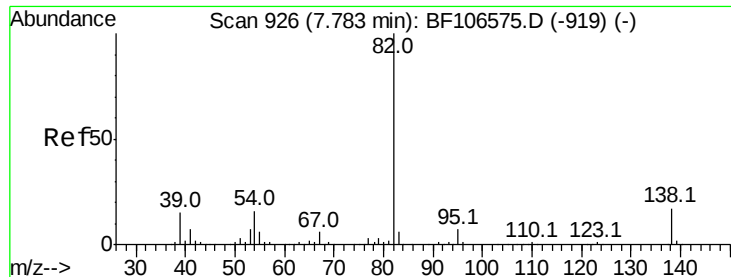


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.617 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106803.D

Acq: 26 Jun 2018 5:59

Instrument :

BNA_F

ClientSampleId :

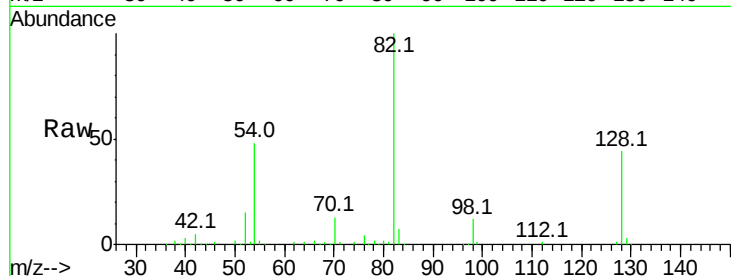
Tot Ion: 82 Resp: 241457

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

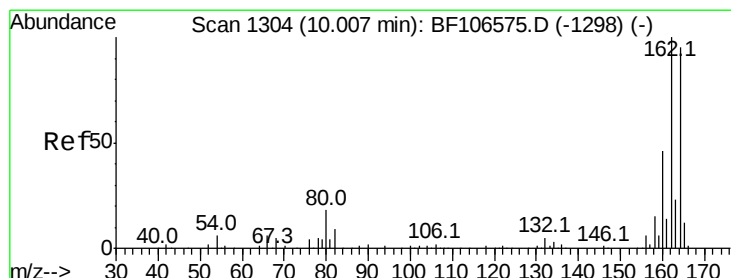
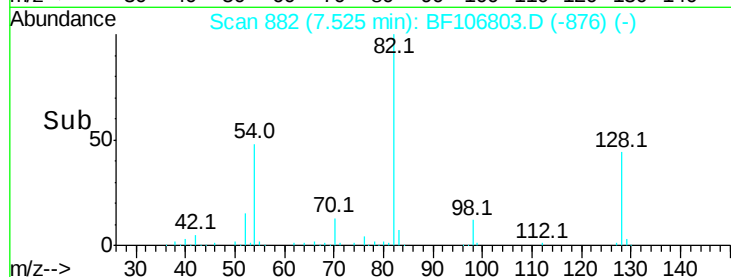
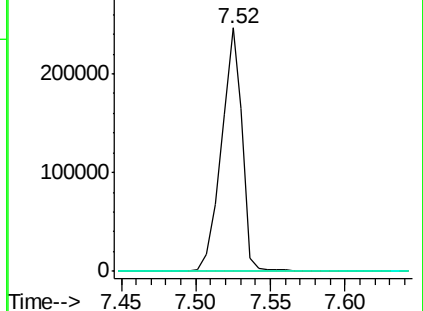
138 0.0 14.9 22.3#



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: BF106803.D

Acq: 26 Jun 2018 5:59

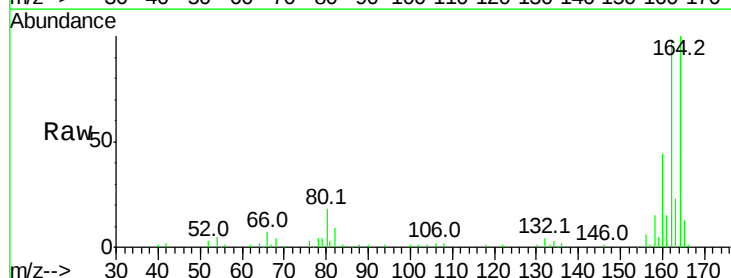
Tgt Ion:164 Resp: 65442

Ion Ratio Lower Upper

164 100

162 97.8 86.1 129.1

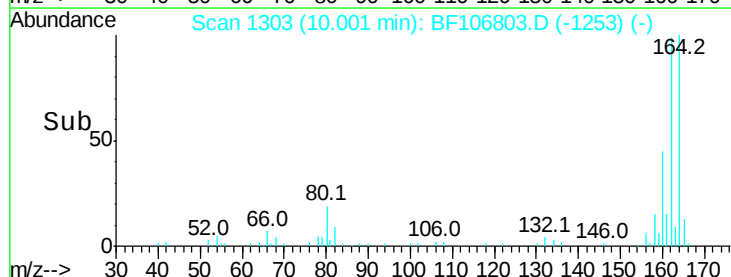
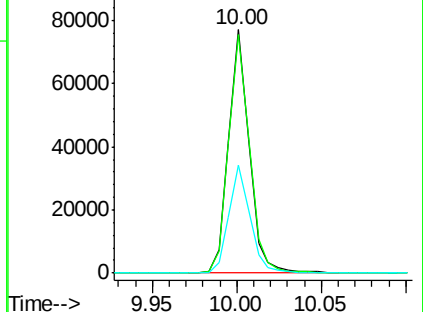
160 44.1 38.3 57.5

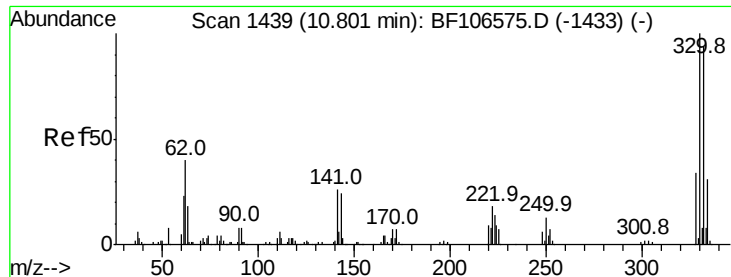


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

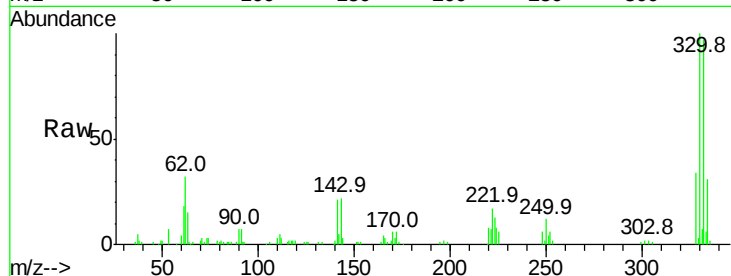




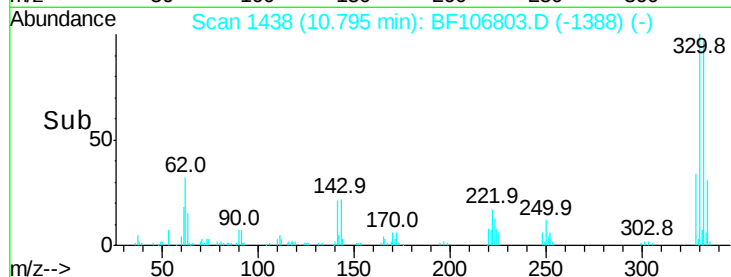
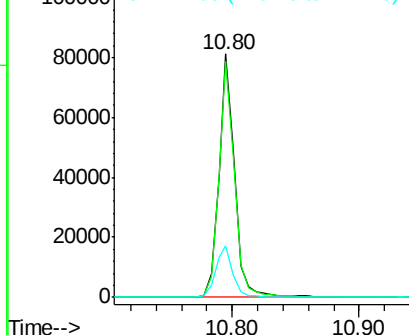
#41
 2,4,6-Tribromophenol
 Concen: 92.850 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106803.D
 Acq: 26 Jun 2018 5:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 70426
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 22.7 29.9 44.9#

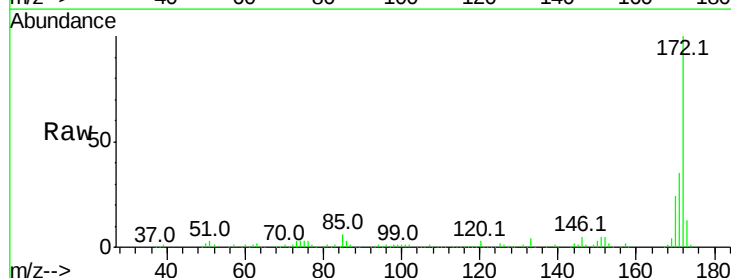


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

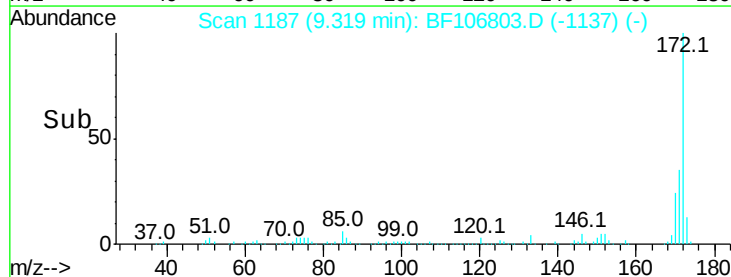
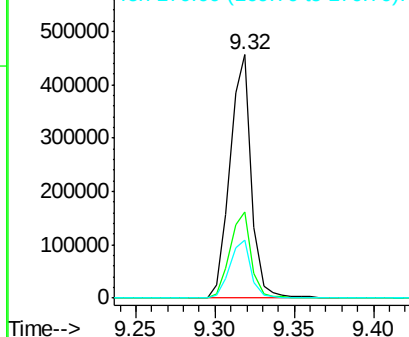


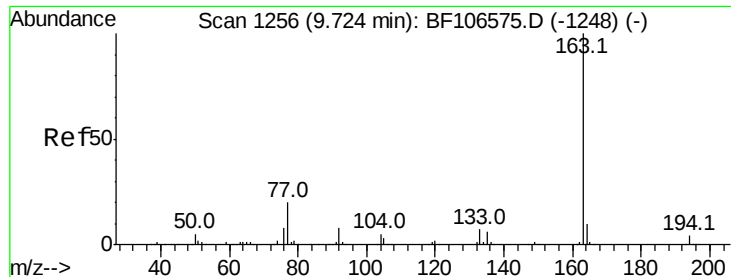
#44
 2-Fluorobiphenyl
 Concen: 115.807 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106803.D
 Acq: 26 Jun 2018 5:59

Tgt Ion:172 Resp: 427074
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.7 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

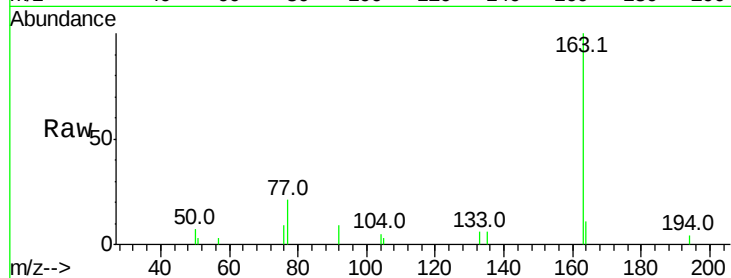




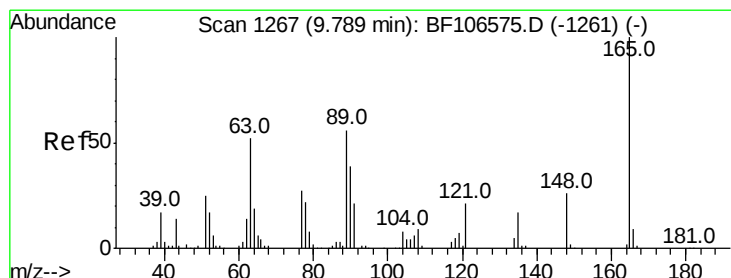
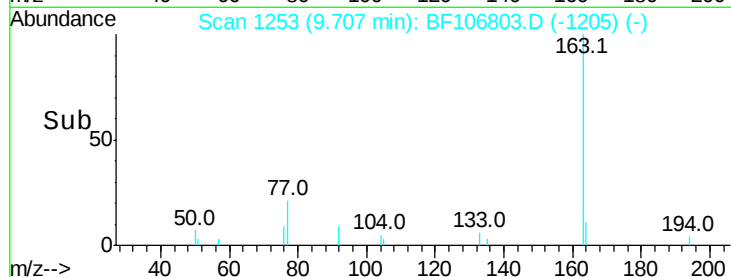
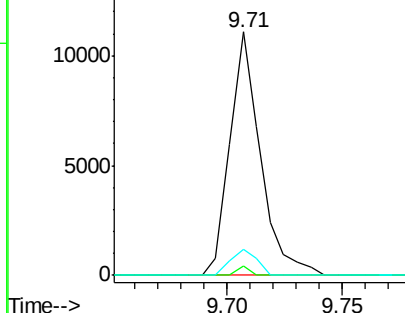
#49
Dimethylphthalate
Concen: 2.086 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106803.D
Acq: 26 Jun 2018 5:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 10237
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.8 8.2 12.2

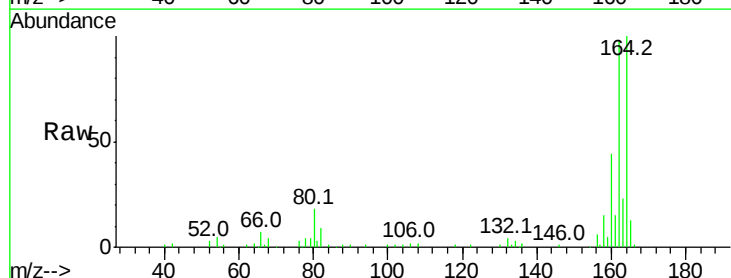


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

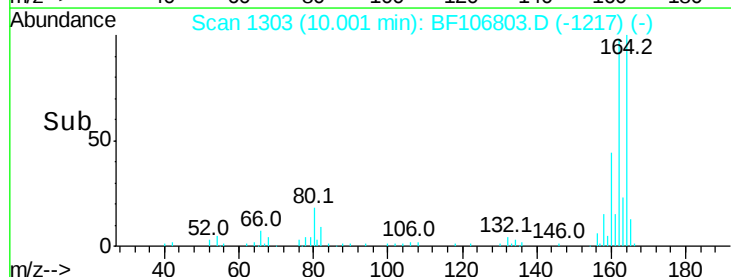
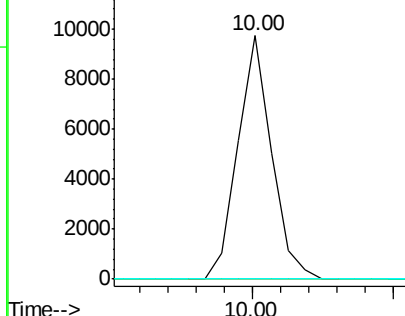


#50
2,6-Dinitrotoluene
Concen: 7.801 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106803.D
Acq: 26 Jun 2018 5:59

Tgt Ion:165 Resp: 8108
Ion Ratio Lower Upper
165 100
63 0.0 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

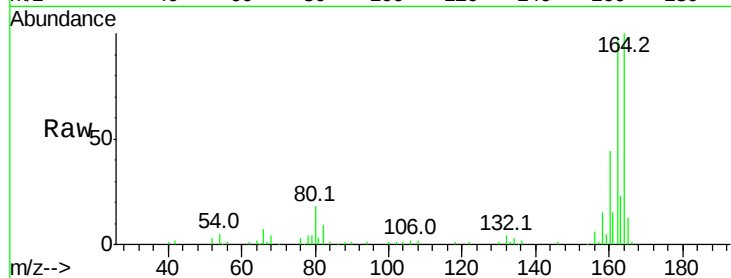




#56
 2,4-Dinitrotoluene
 Concen: 5.977 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF106803.D
 Acq: 26 Jun 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#

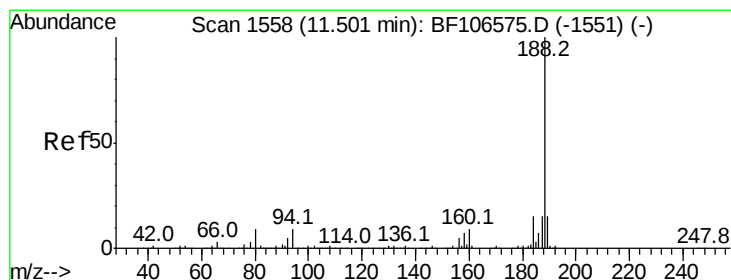
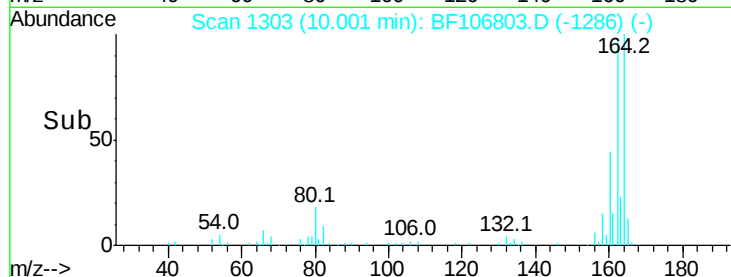
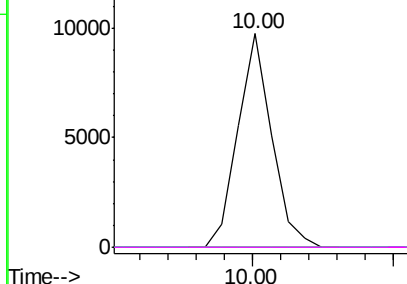


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

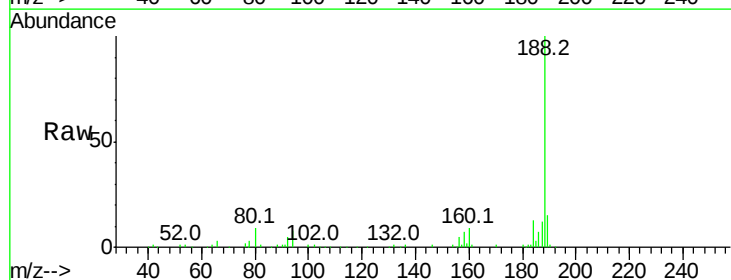
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106803.D
 Acq: 26 Jun 2018 5:59

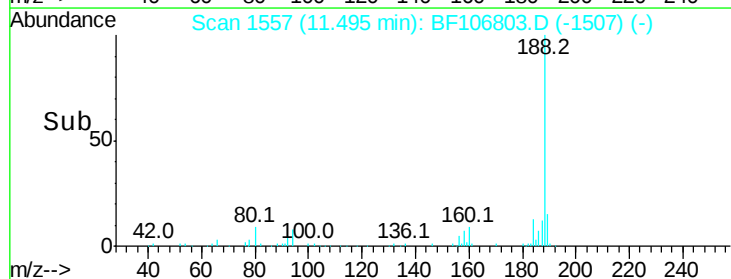
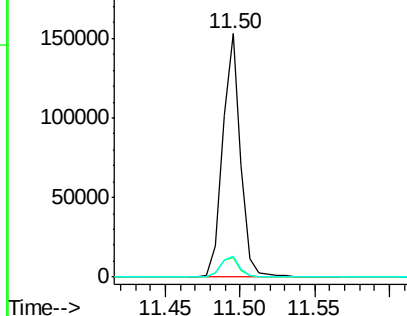
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.7	9.2	13.8#



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

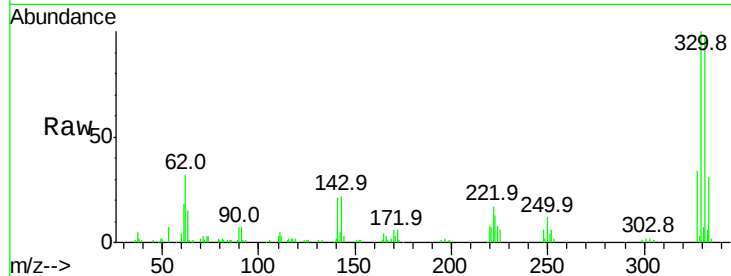




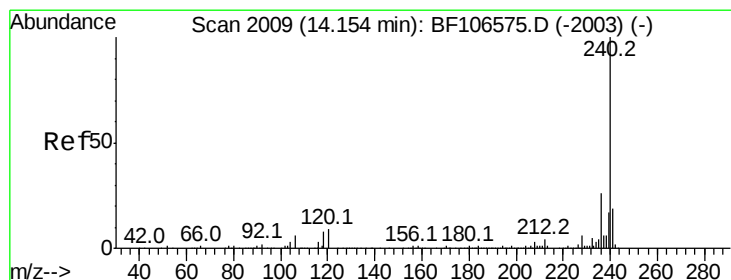
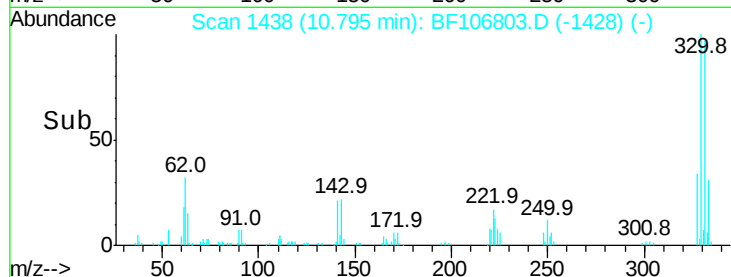
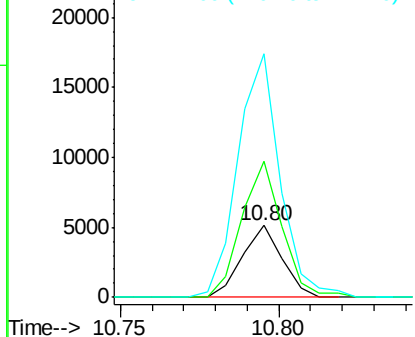
#66
 4-Bromophenyl-phenylether
 Concen: 2.896 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF106803.D
 Acq: 26 Jun 2018 5:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 4463
 Ion Ratio Lower Upper
 248 100
 250 189.6 76.9 115.3#
 141 340.0 74.4 111.6#

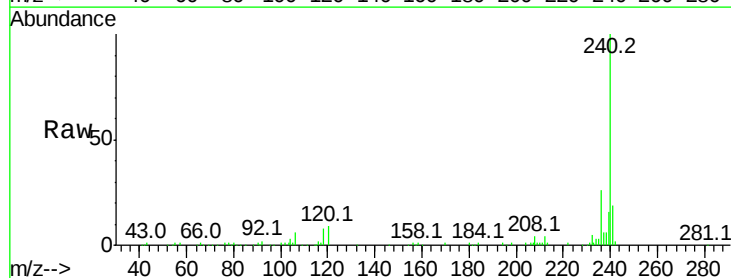


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

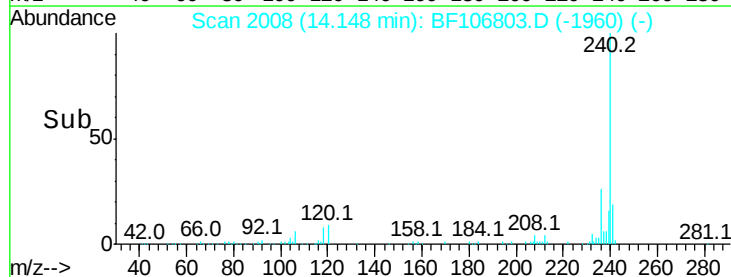
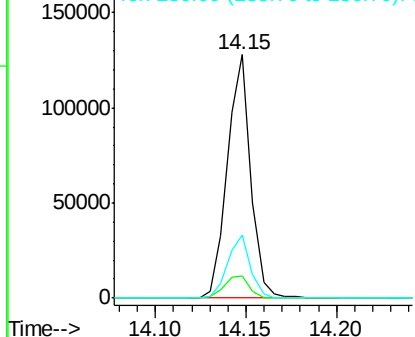


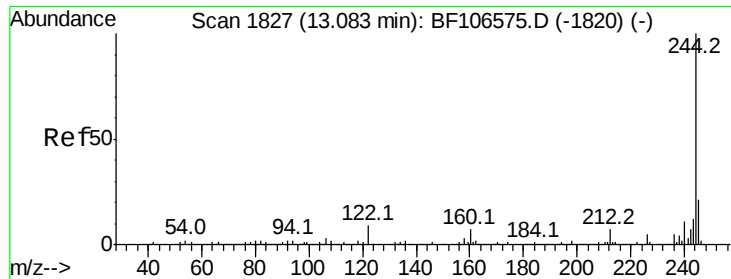
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF106803.D
 Acq: 26 Jun 2018 5:59

Tgt Ion:240 Resp: 114656
 Ion Ratio Lower Upper
 240 100
 120 9.1 9.5 14.3#
 236 25.8 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: 104.603 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF106803.D

Acq: 26 Jun 2018 5:59

Instrument :

BNA_F

ClientSampleId :

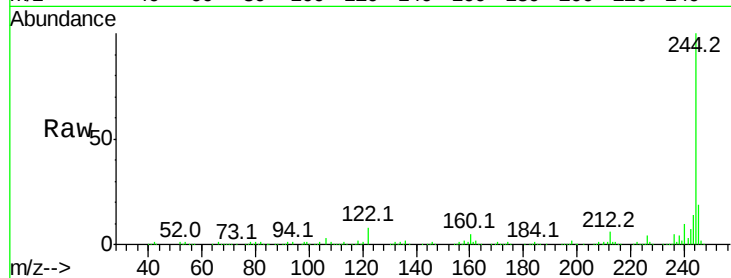
Tot Ion:244 Resp: 495122

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

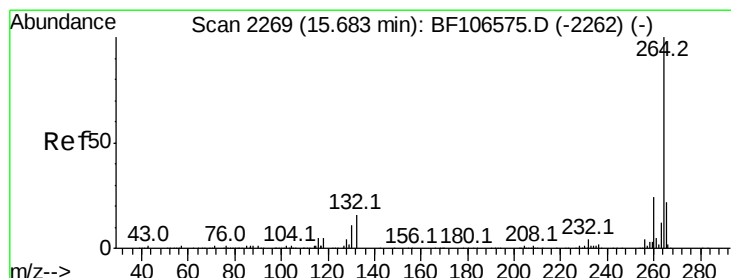
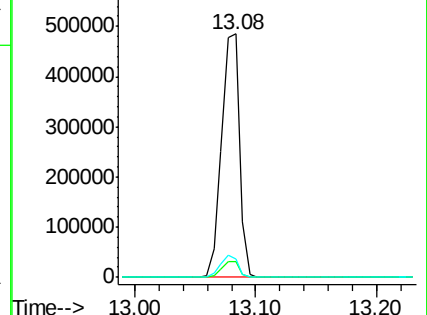
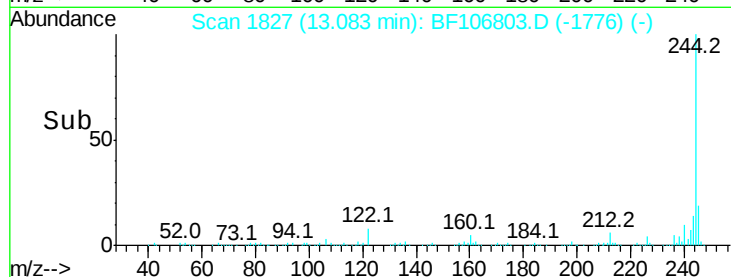
122 7.6 11.0 16.4#



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. -0.04 min

Lab File: BF106803.D

Acq: 26 Jun 2018 5:59

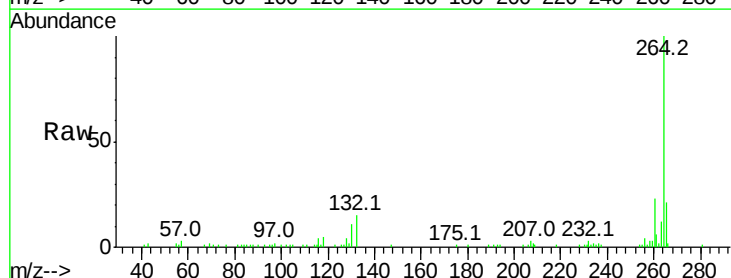
Tgt Ion:264 Resp: 80812

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.4 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

