

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106690.D
 Acq On : 22 Jun 2018 4:27
 Operator : JU/SJ
 Sample : J3603-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 09:02:29 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

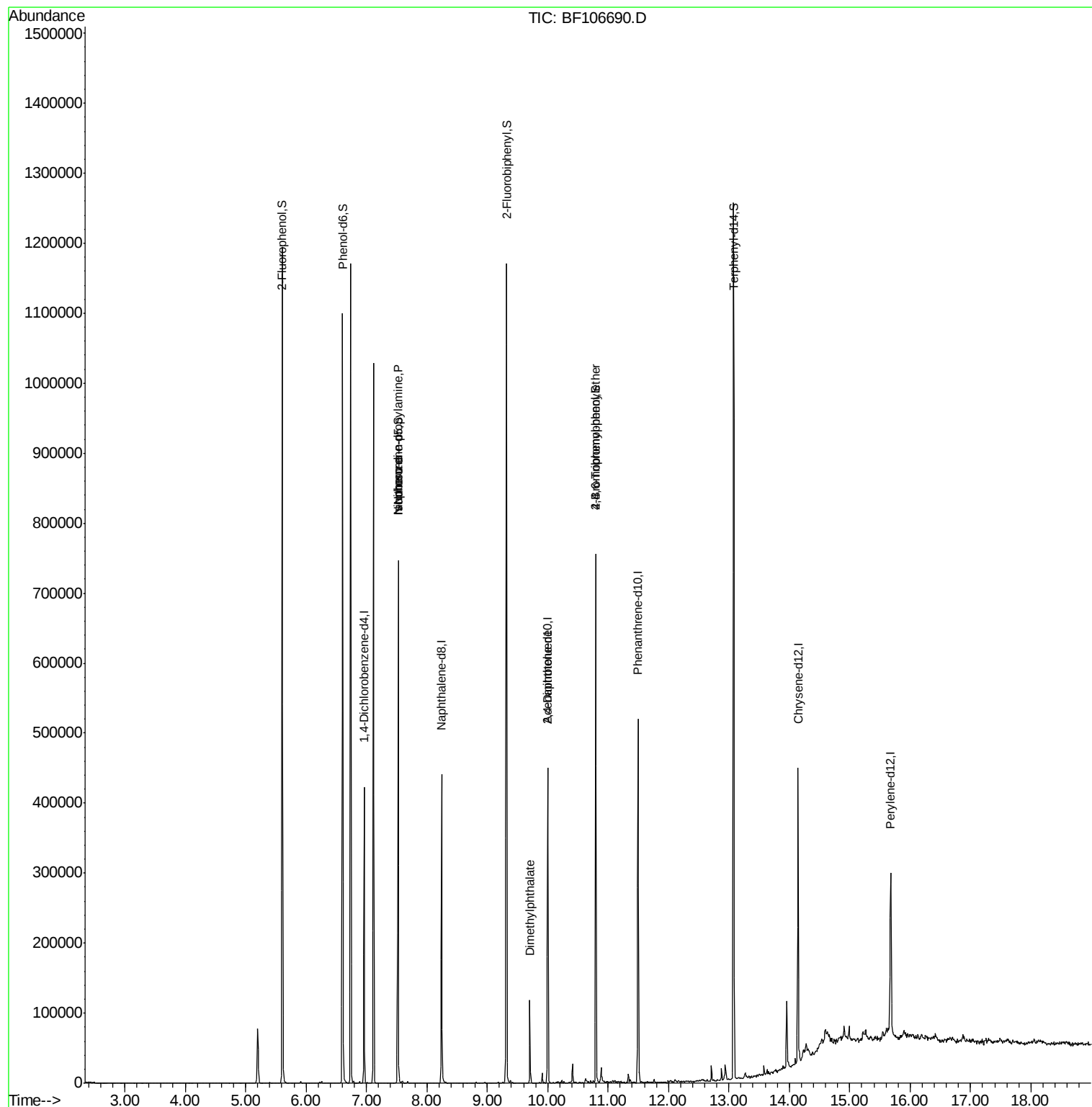
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	57681	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	201868	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	89822	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	182559	20.00	ng	0.00
75) Chrysene-d12	14.14	240	157215	20.00	ng	-0.01
86) Perylene-d12	15.68	264	112250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	330858	97.13	ng	0.00
7) Phenol-d6	6.61	99	400318	94.11	ng	0.00
23) Nitrobenzene-d5	7.52	82	237598	65.41	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	97939	94.08	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	380141	68.83	ng	0.00
78) Terphenyl-d14	13.08	244	460864	71.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	30602	10.913	ng	# 74
25) Isophorone	7.52	82	237595	37.119	ng	# 64
49) Dimethylphthalate	9.71	163	46498	6.902	ng	99
56) 2,4-Dinitrotoluene	10.00	165	11239	6.036	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	6240	2.864	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106690.D
Acq On : 22 Jun 2018 4:27
Operator : JU/SJ
Sample : J3603-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 22 09:02:29 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



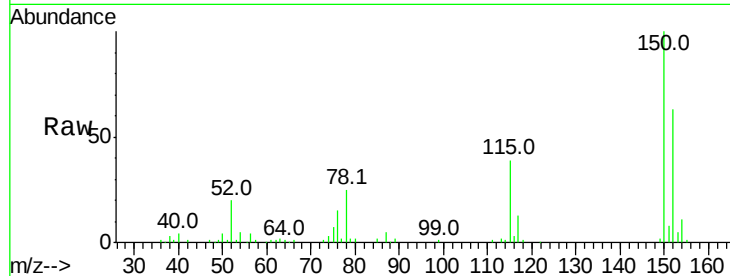


#1

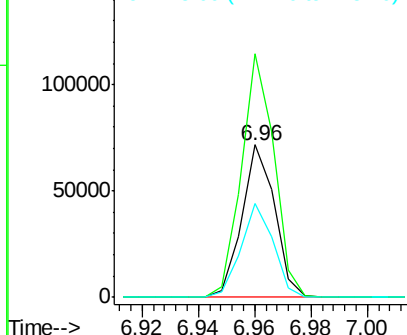
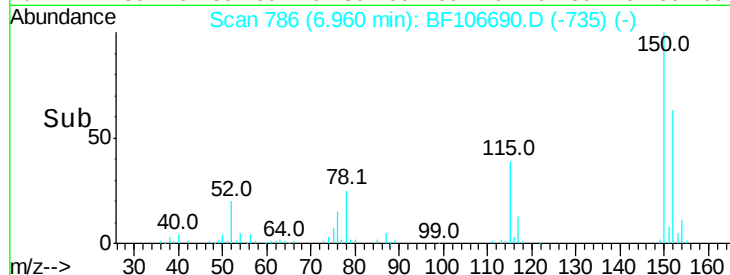
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106690.D
Acq: 22 Jun 2018 4:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 57681
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 62.0 50.1 75.1



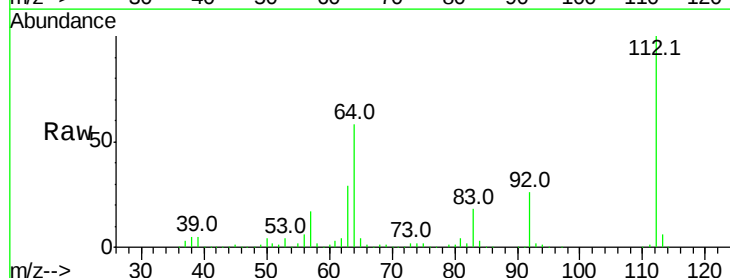
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



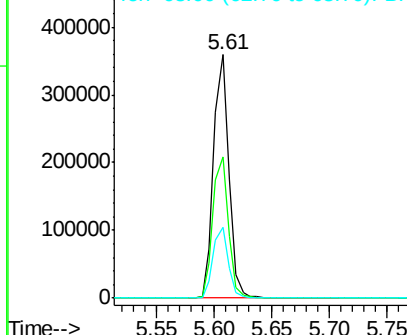
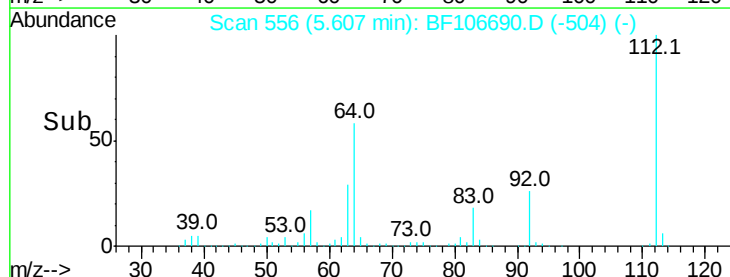
#5

2-Fluorophenol
Concen: 97.129 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106690.D
Acq: 22 Jun 2018 4:27

Tgt Ion:112 Resp: 330858
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 29.1 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: 94.106 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106690.D

Acq: 22 Jun 2018 4:27

Instrument :

BNA_F

ClientSampled :

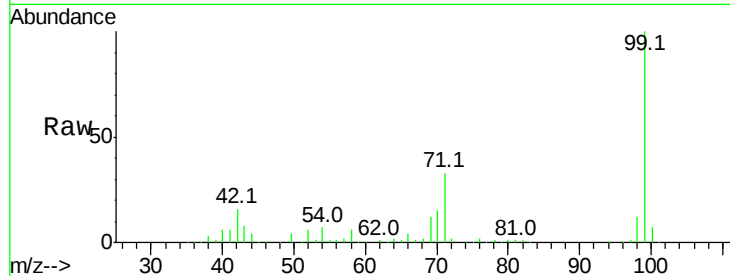
Tot Ion: 99 Resp: 400318

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

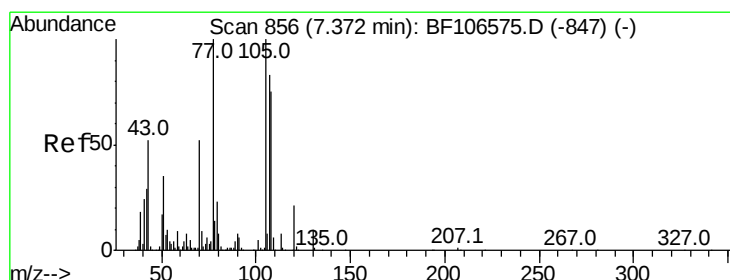
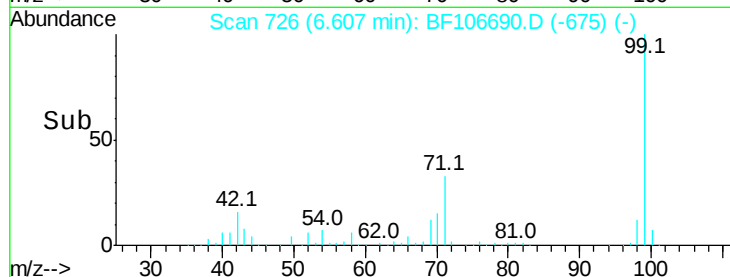
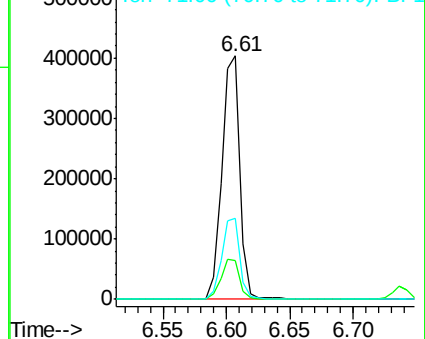
71 33.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.913 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106690.D

Acq: 22 Jun 2018 4:27

Tgt Ion: 70 Resp: 30602

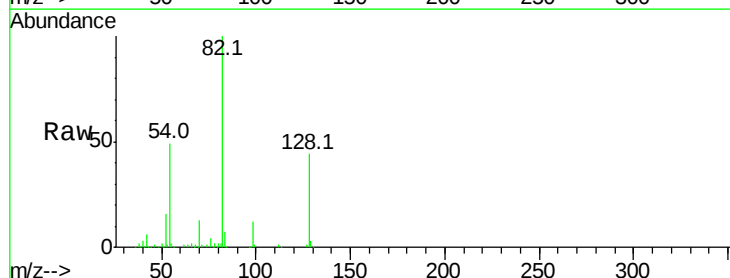
Ion Ratio Lower Upper

70 100

42 42.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

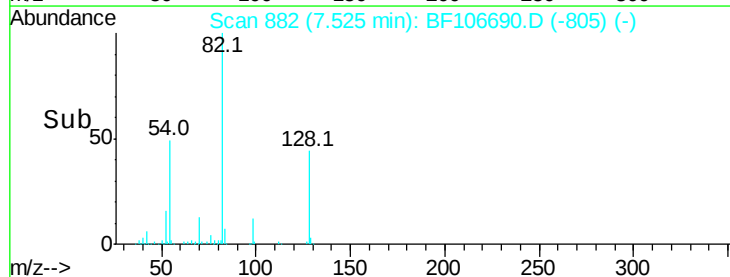
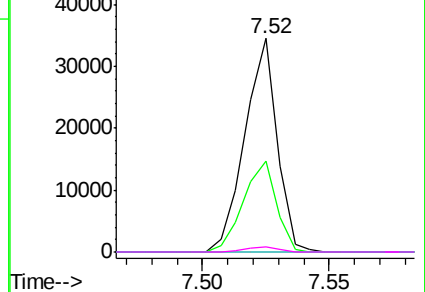


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

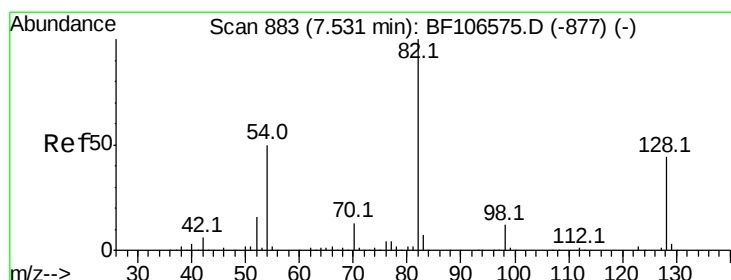
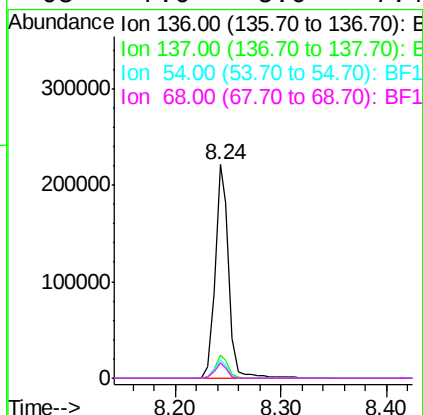
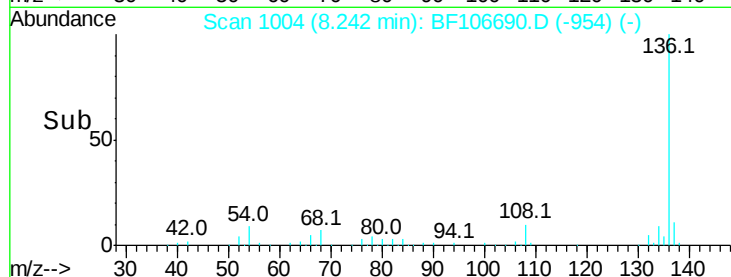
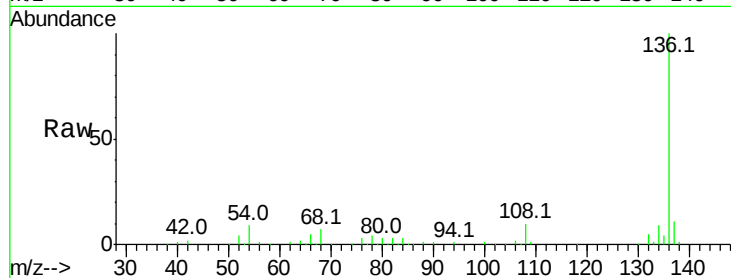




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106690.D
Acq: 22 Jun 2018 4:27

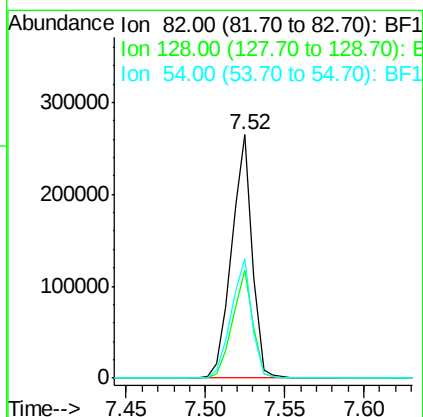
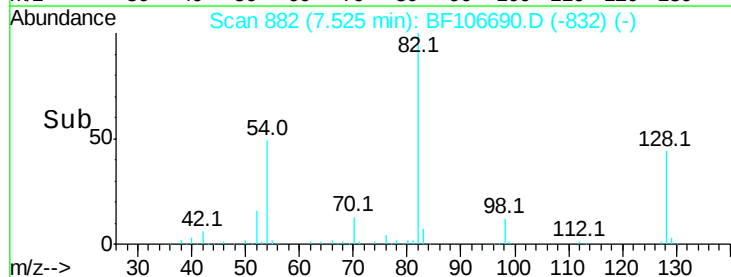
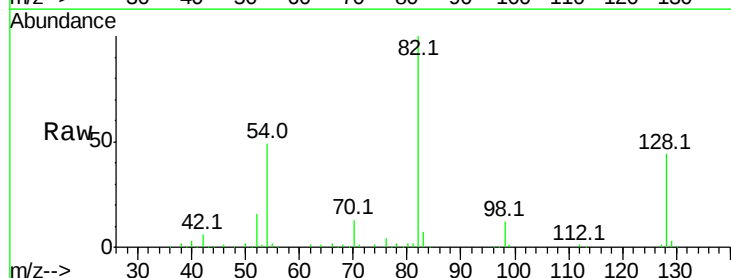
Instrument :
BNA_F
ClientSampleId :

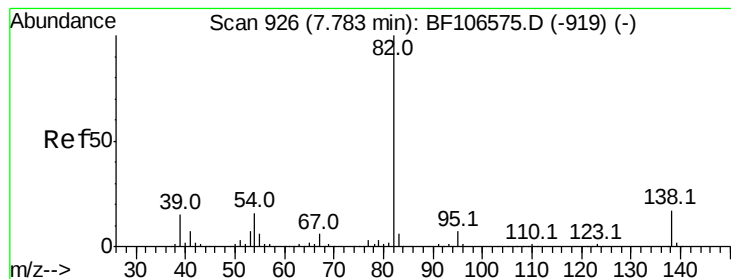
Tot Ion:136	Resp:	201868
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	8.7	6.6 9.8
68	7.0	5.0 7.4



#23
Nitrobenzene-d5
Concen: 65.410 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106690.D
Acq: 22 Jun 2018 4:27

Tgt Ion: 82	Resp:	237598
Ion Ratio	Lower	Upper
82	100	
128	44.1	36.1 54.1
54	49.1	41.4 62.2





#25

Isophorone

Concen: 37.119 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106690.D

Acq: 22 Jun 2018 4:27

Instrument :

BNA_F

ClientSampleId :

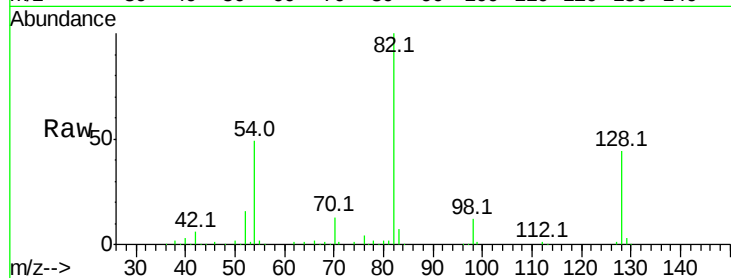
Tot Ion: 82 Resp: 237595

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

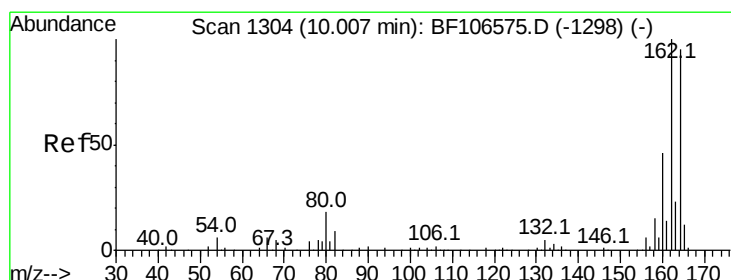
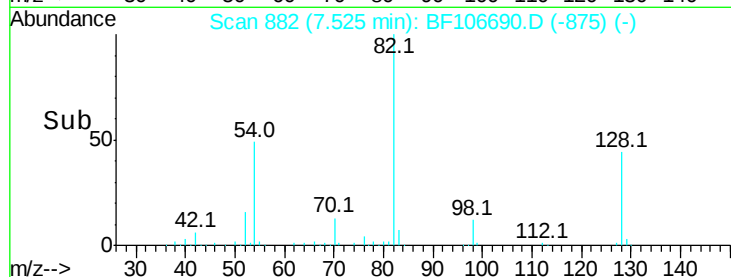
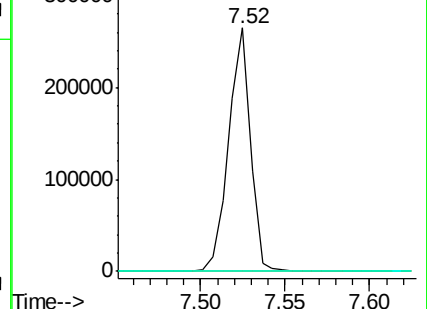
138 0.0 14.9 22.3#



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: BF106690.D

Acq: 22 Jun 2018 4:27

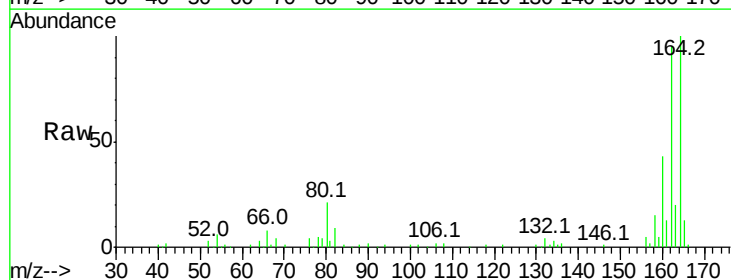
Tgt Ion:164 Resp: 89822

Ion Ratio Lower Upper

164 100

162 95.1 86.1 129.1

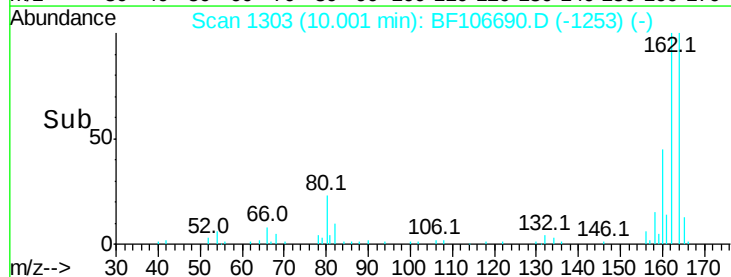
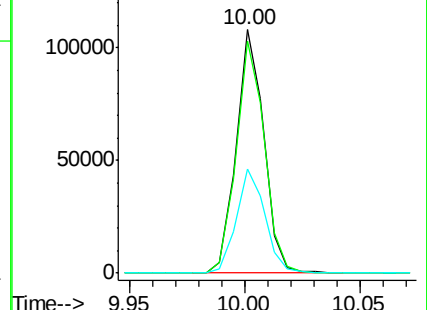
160 42.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

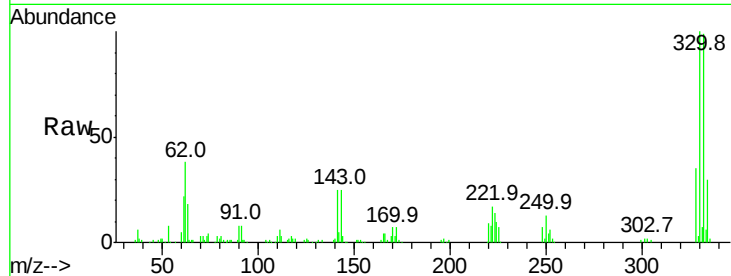




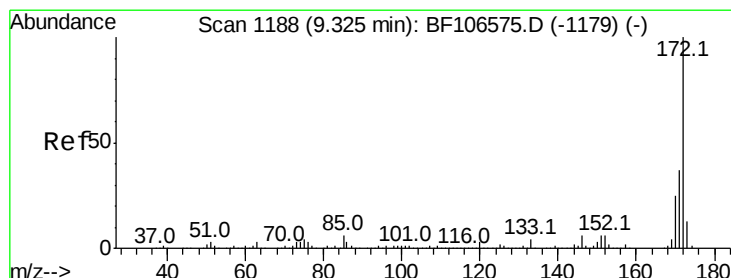
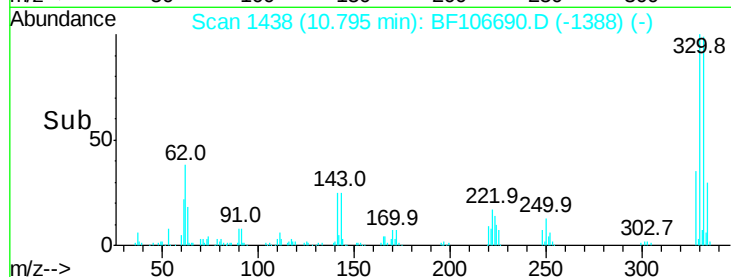
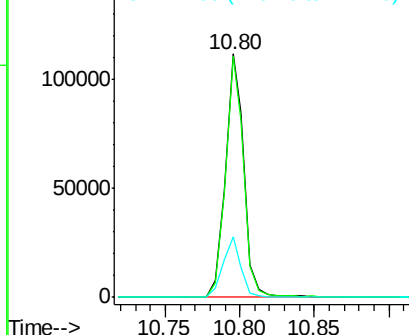
#41
 2,4,6-Tribromophenol
 Concen: 94.076 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106690.D
 Acq: 22 Jun 2018 4:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	23.9	29.9	44.9#

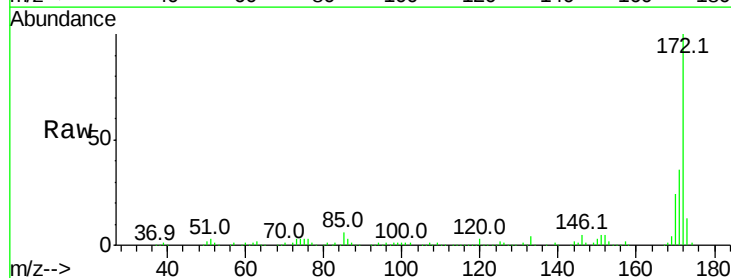


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

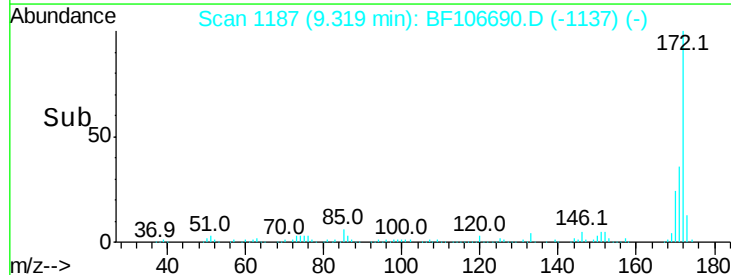
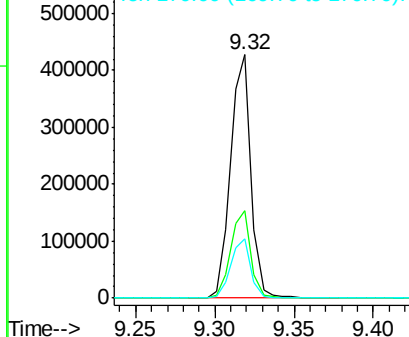


#44
 2-Fluorobiphenyl
 Concen: 68.828 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106690.D
 Acq: 22 Jun 2018 4:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	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

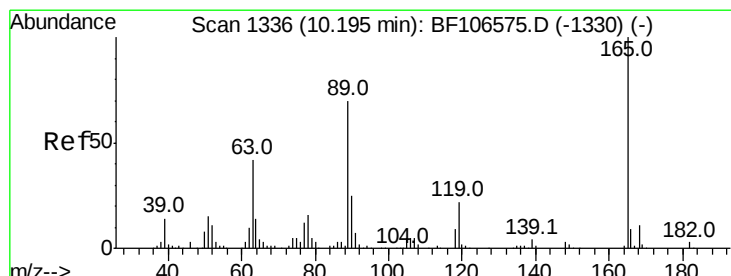
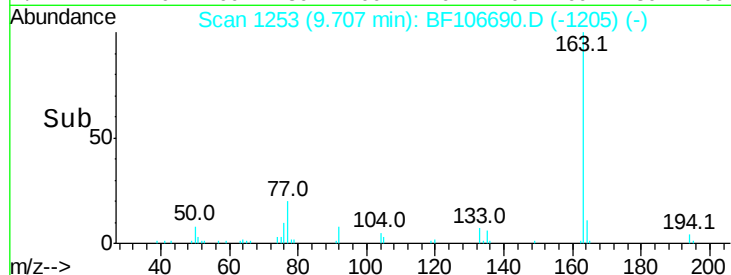
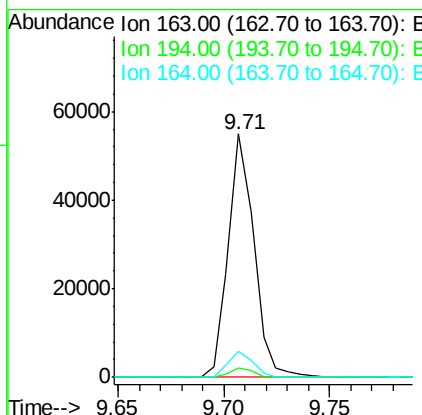
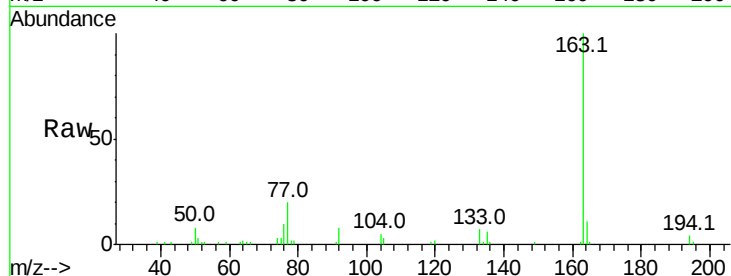




#49
Dimethylphthalate
Concen: 6.902 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106690.D
Acq: 22 Jun 2018 4:27

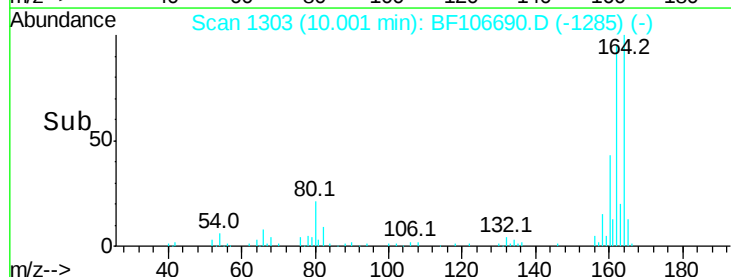
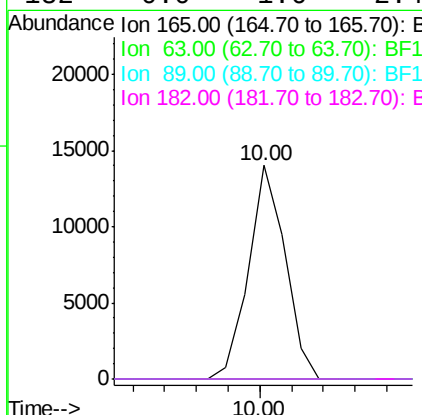
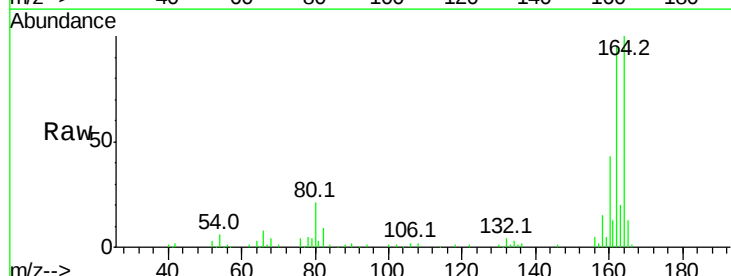
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 46498
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.6 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.036 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106690.D
Acq: 22 Jun 2018 4:27

Tgt Ion:165 Resp: 11239
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#

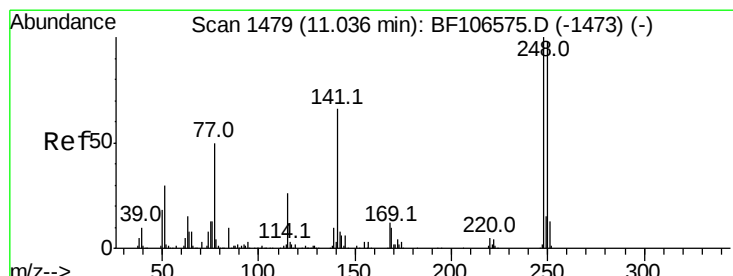
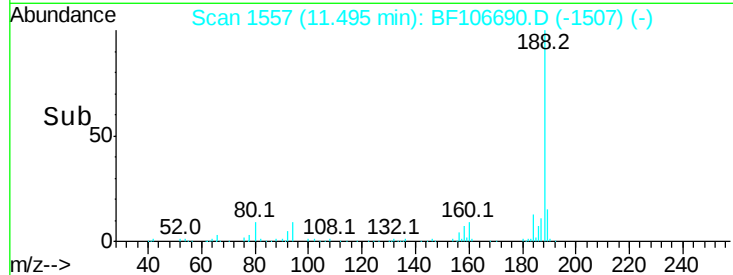
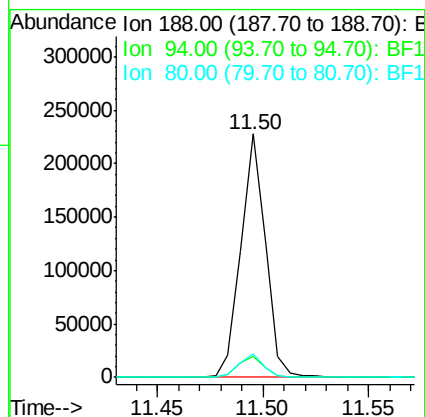
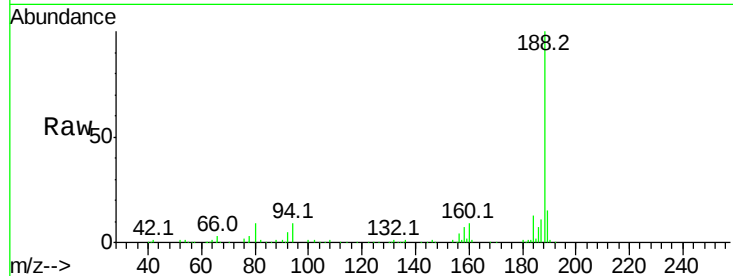




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106690.D
Acq: 22 Jun 2018 4:27

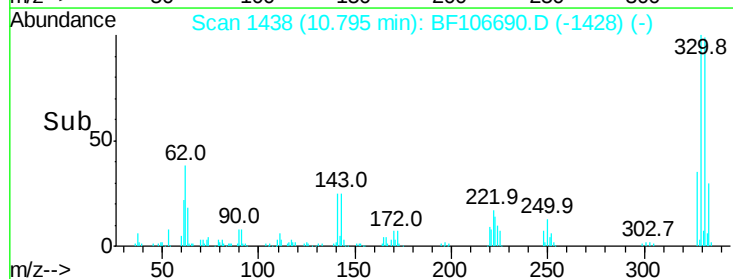
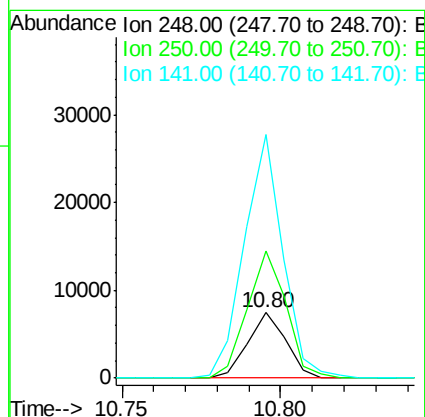
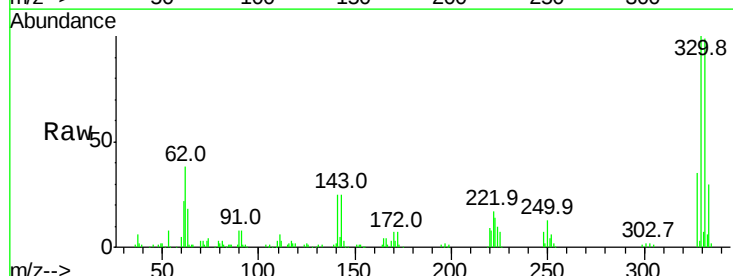
Instrument :
BNA_F
ClientSampleId :

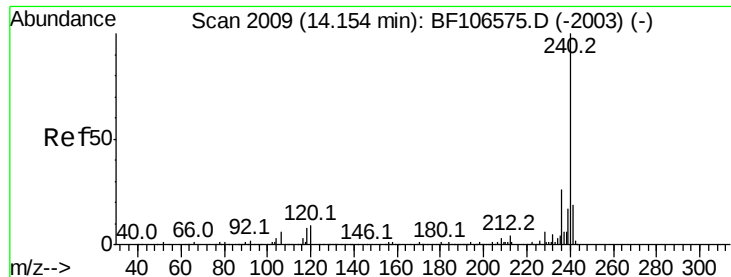
Tot Ion:188 Resp: 182559
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.4 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.864 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106690.D
Acq: 22 Jun 2018 4:27

Tgt Ion:248 Resp: 6240
Ion Ratio Lower Upper
248 100
250 194.7 76.9 115.3#
141 373.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106690.D

Acq: 22 Jun 2018 4:27

Instrument :

BNA_F

ClientSampleId :

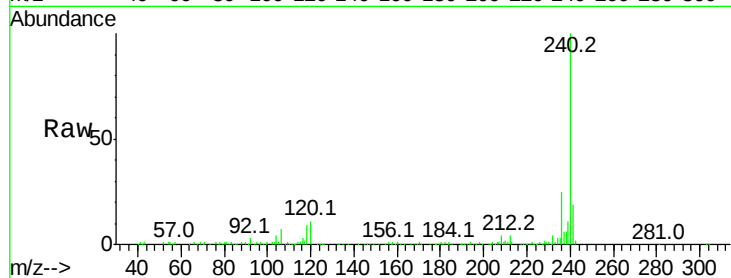
Tot Ion:240 Resp: 157215

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

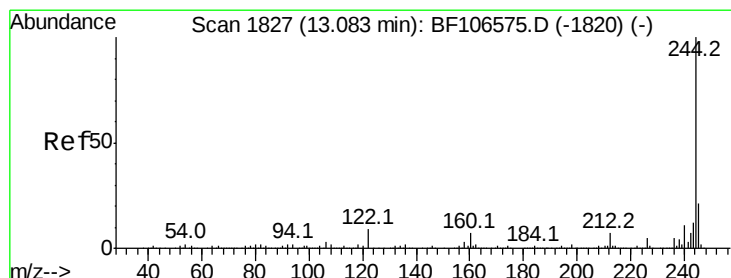
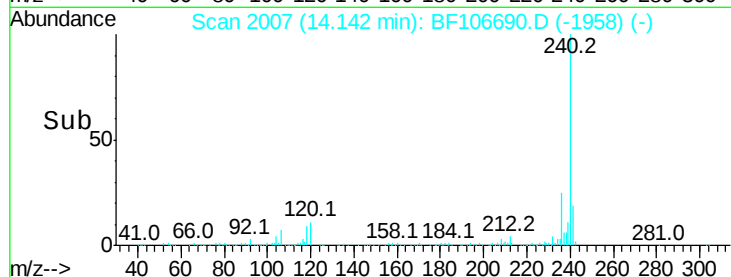
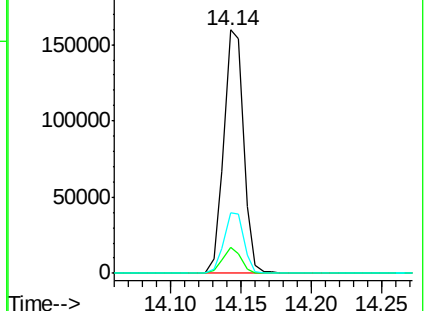
236 24.9 20.7 31.1



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: 71.008 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106690.D

Acq: 22 Jun 2018 4:27

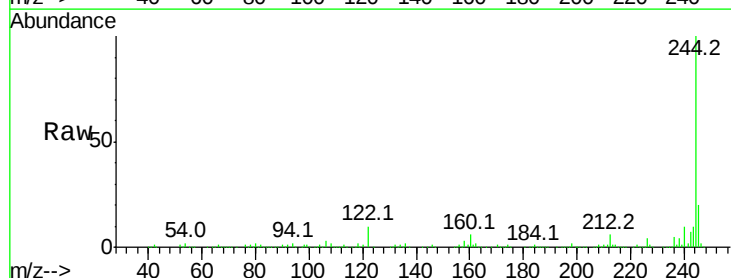
Tgt Ion:244 Resp: 460864

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

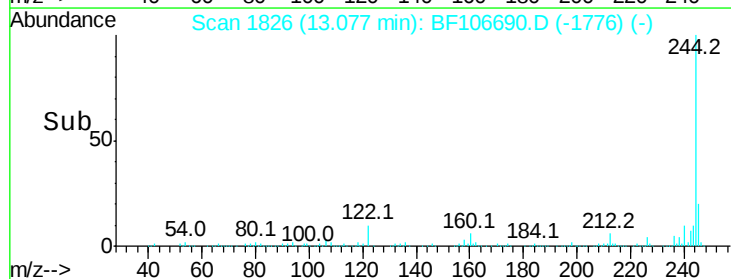
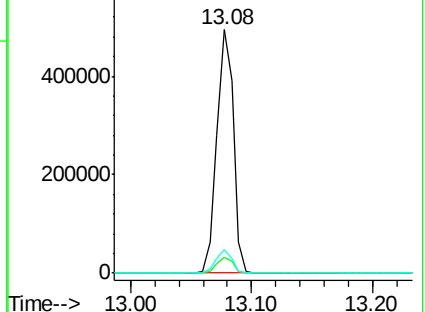
122 9.5 11.0 16.4#

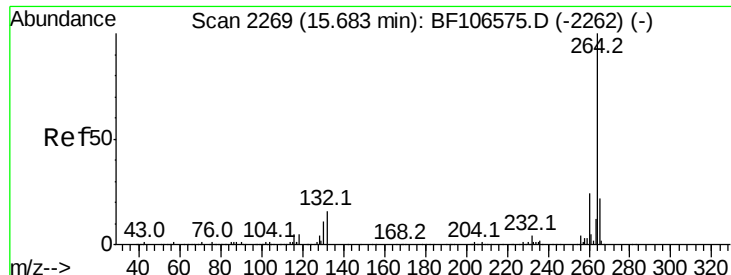


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

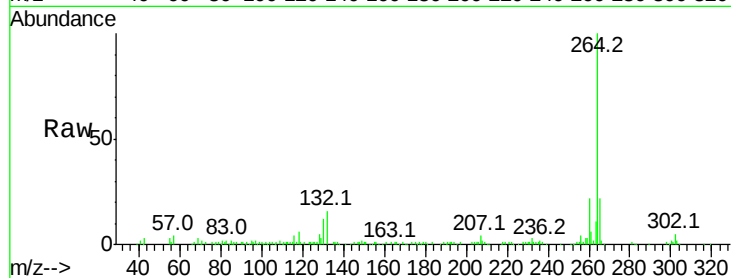




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106690.D
Acq: 22 Jun 2018 4:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	22.1	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

