

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106611.D
 Acq On : 20 Jun 2018 5:00
 Operator : JU/SJ
 Sample : J3580-01 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Jun 20 05:49:33 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

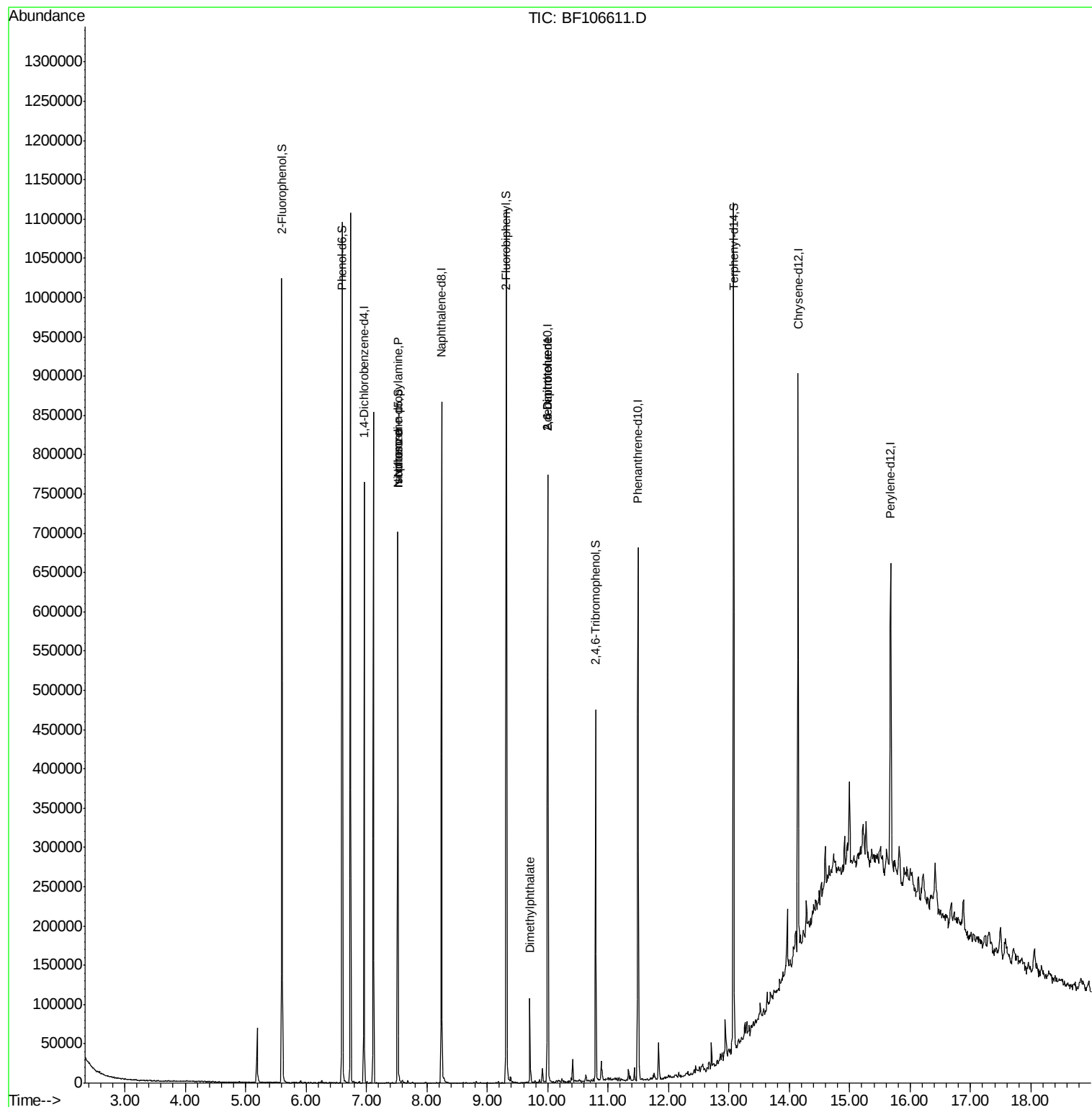
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	97921	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	359071	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	139472	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	232399	20.00	ng	0.00
75) Chrysene-d12	14.14	240	261884	20.00	ng	-0.01
86) Perylene-d12	15.68	264	176123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	277279	47.95	ng	0.00
7) Phenol-d6	6.60	99	335102	46.40	ng	-0.01
23) Nitrobenzene-d5	7.52	82	206493	31.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	58616	36.26	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	358533	34.80	ng	-0.01
78) Terphenyl-d14	13.08	244	331162	30.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	26475	5.562	ng	# 77
25) Isophorone	7.52	82	206488	18.136	ng	# 64
49) Dimethylphthalate	9.71	163	41331	3.951	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	17227	7.777	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	17227	5.958	ng	# 22

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
Data File : BF106611.D
Acq On : 20 Jun 2018 5:00
Operator : JU/SJ
Sample : J3580-01 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

Quant Time: Jun 20 05:49:33 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



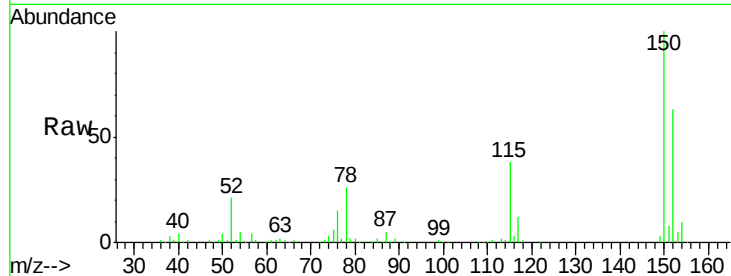


#1

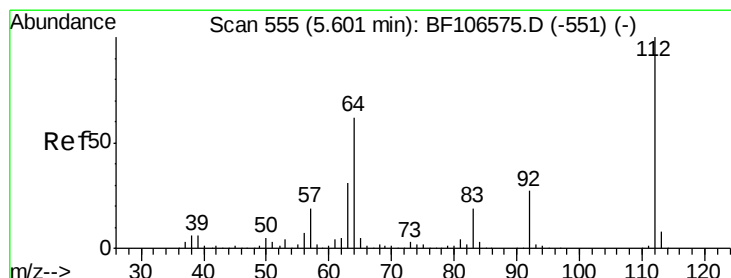
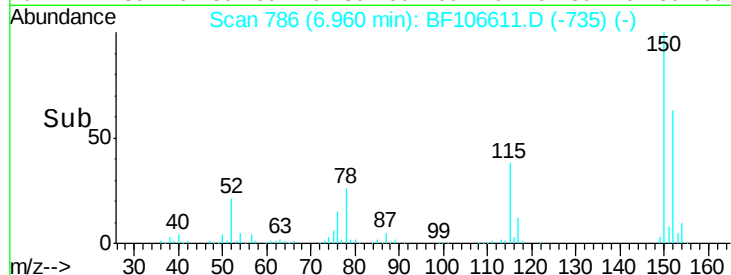
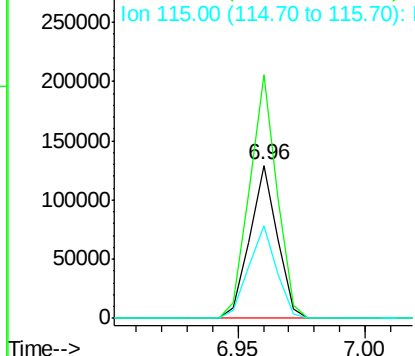
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Instrument :
BNA_F
ClientSampled :
S-1

Tgt Ion:152 Resp: 97921
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 60.8 50.1 75.1



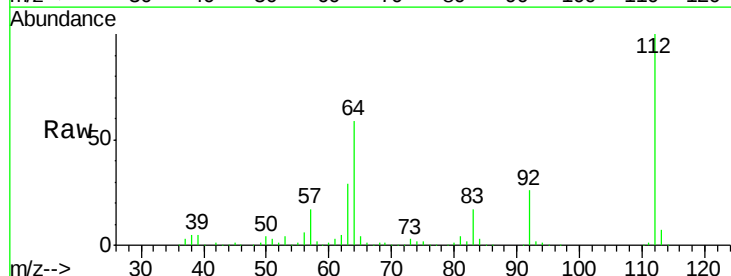
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



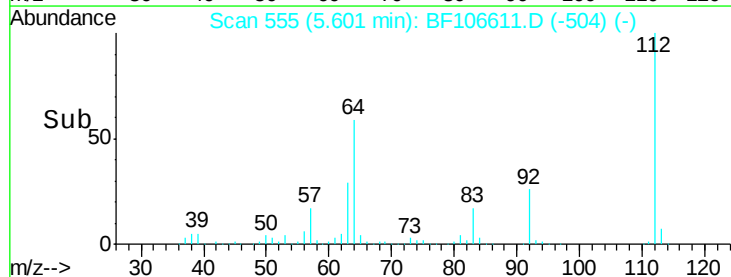
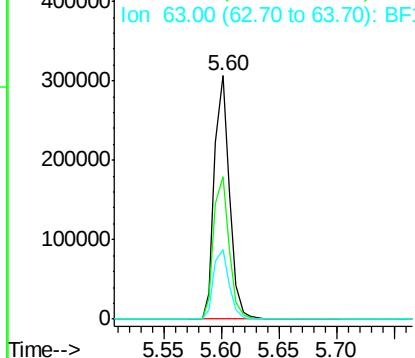
#5

2-Fluorophenol
Concen: 47.949 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Tgt Ion:112 Resp: 277279
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 28.8 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: 46.403 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF106611.D

Acq: 20 Jun 2018 5:00

Instrument :

BNA_F

ClientSampled :

S-1

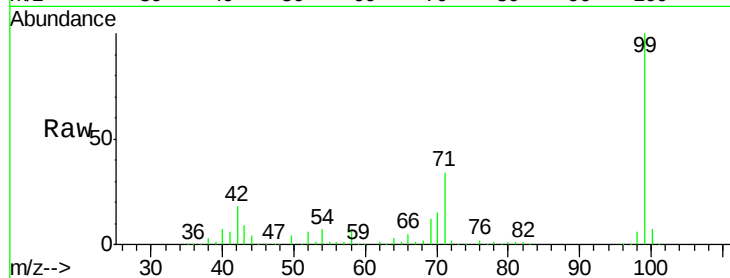
Tgt Ion: 99 Resp: 335102

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

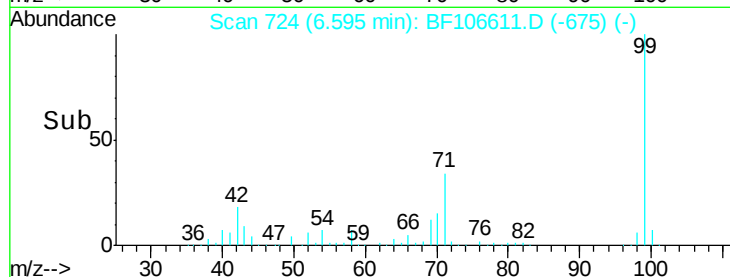
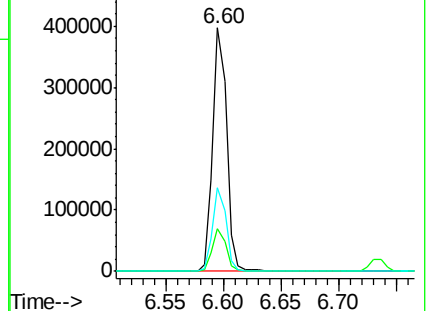
71 34.3 25.4 38.0



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: 5.562 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.15 min

Lab File: BF106611.D

Acq: 20 Jun 2018 5:00

Tgt Ion: 70 Resp: 26475

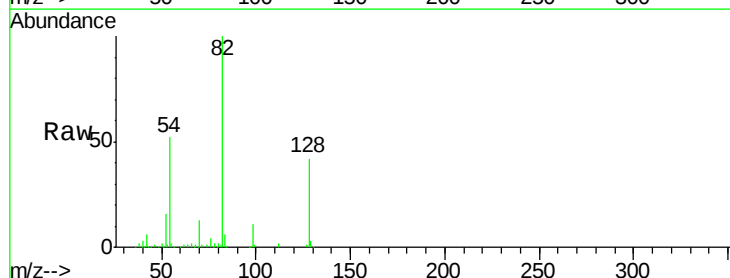
Ion Ratio Lower Upper

70 100

42 47.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

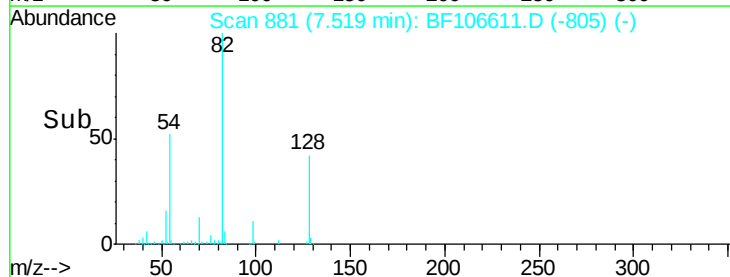
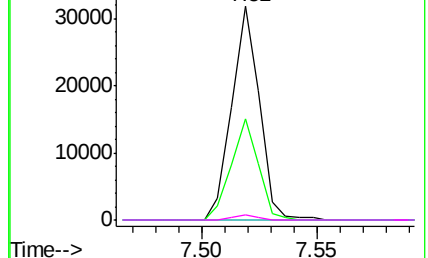


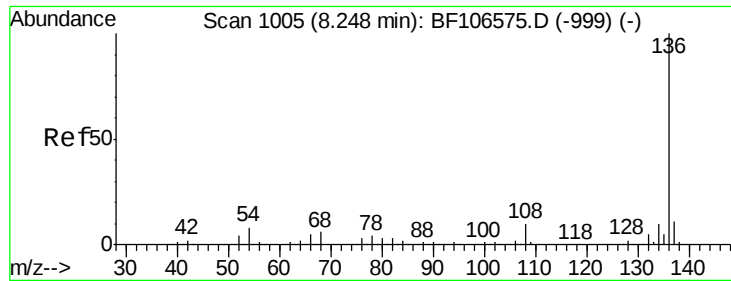
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

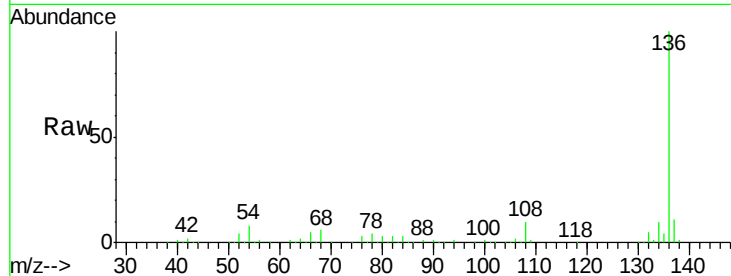




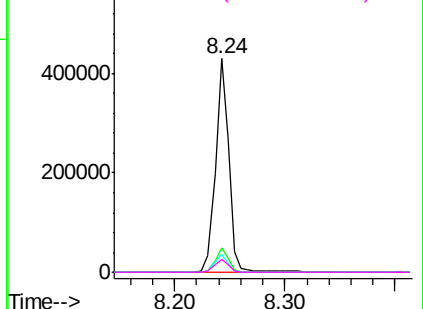
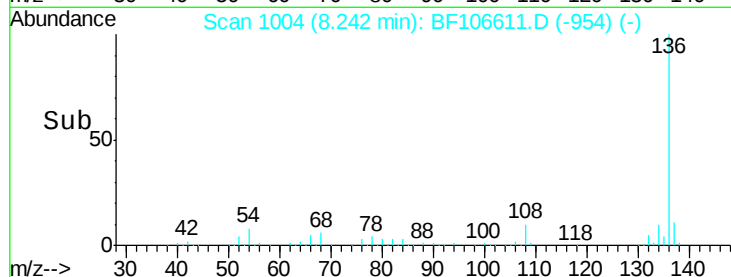
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:	136	Resp:	359071
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	6.6	9.8
68	6.3	5.0	7.4

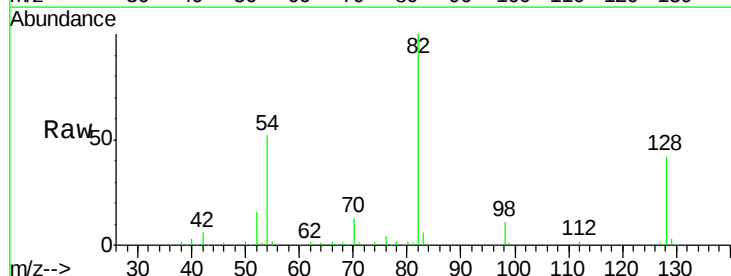


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

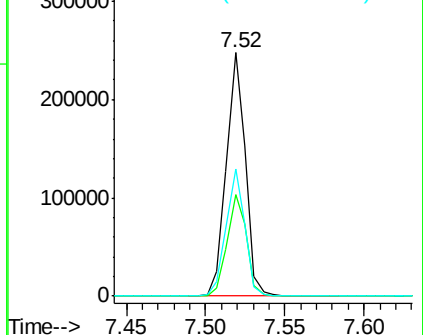
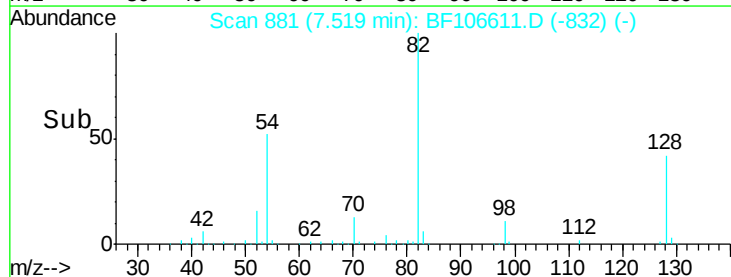


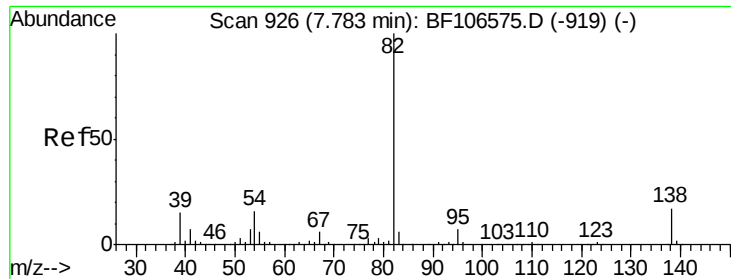
#23
Nitrobenzene-d5
Concen: 31.959 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Tgt Ion:	82	Resp:	206493
Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	52.0	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: 18.136 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF106611.D

Acq: 20 Jun 2018 5:00

Instrument :

BNA_F

ClientSampleId :

S-1

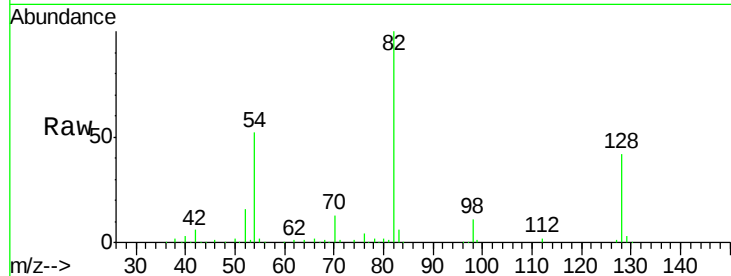
Tgt Ion: 82 Resp: 206488

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

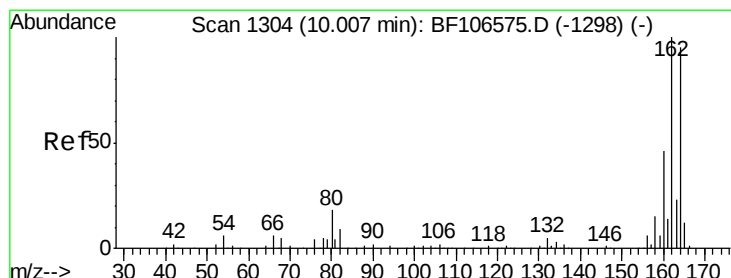
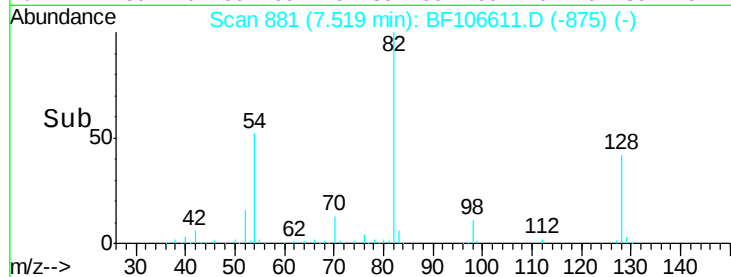
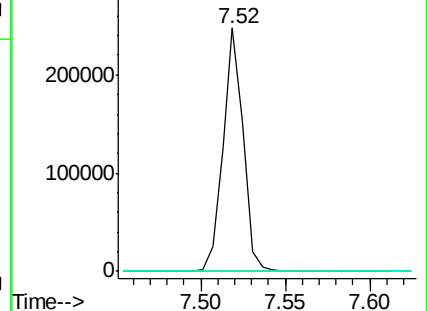
138 0.0 14.9 22.3#



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: BF106611.D

Acq: 20 Jun 2018 5:00

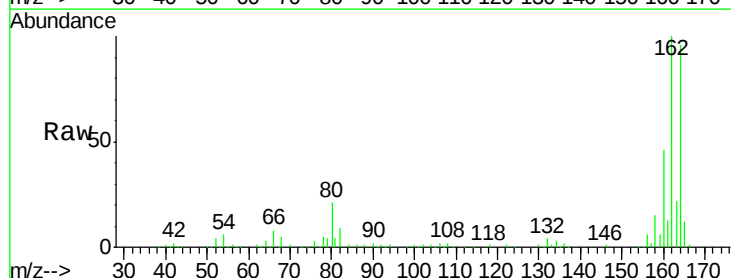
Tgt Ion: 164 Resp: 139472

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

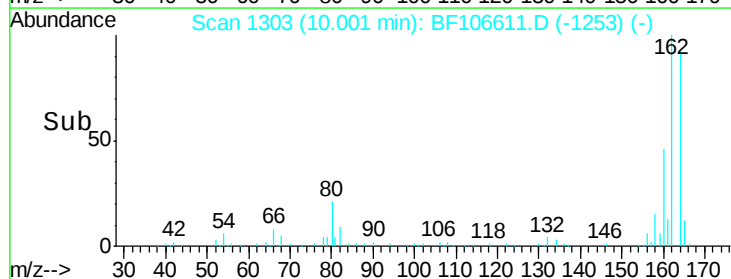
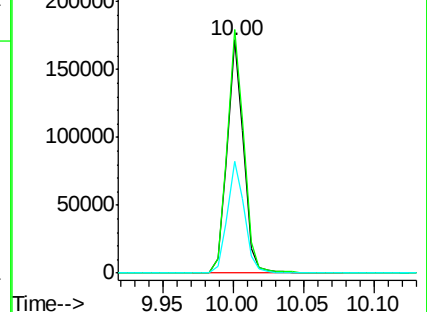
160 48.1 38.3 57.5

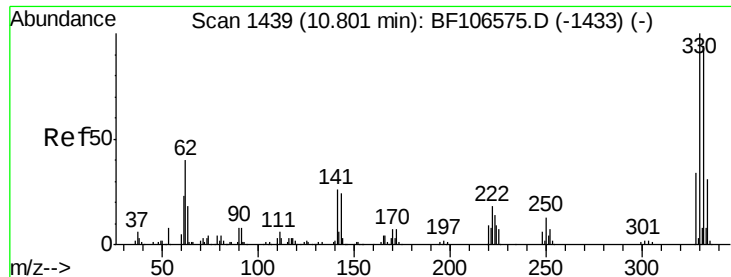


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

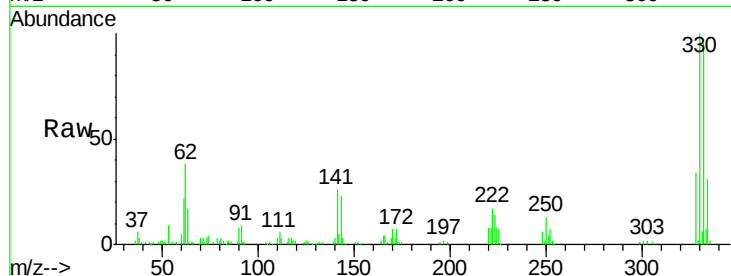




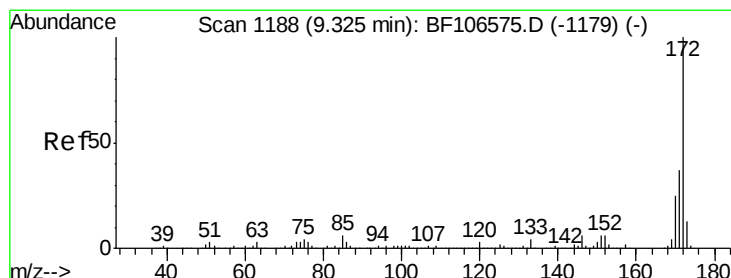
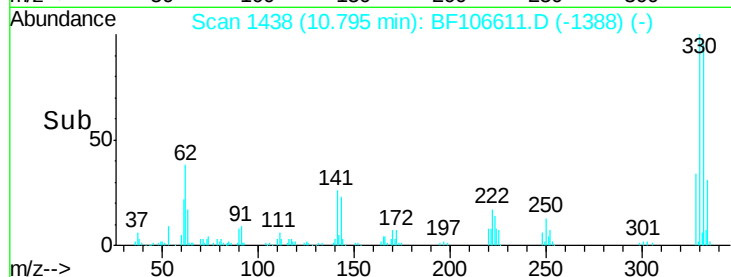
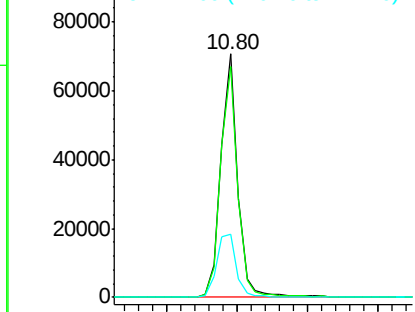
#41
 2,4,6-Tribromophenol
 Concen: 36.261 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106611.D
 Acq: 20 Jun 2018 5:00

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Tgt Ion:330 Resp: 58616
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 30.3 29.9 44.9

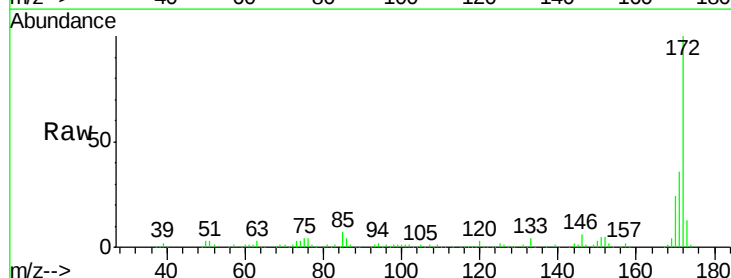


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

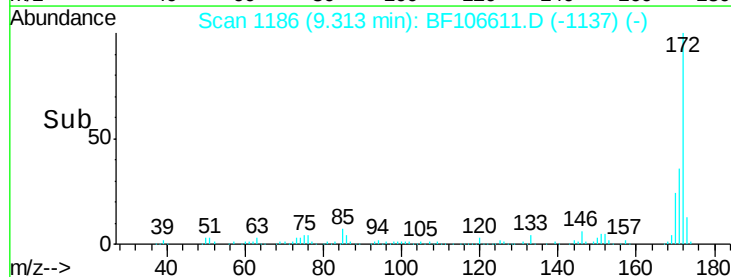
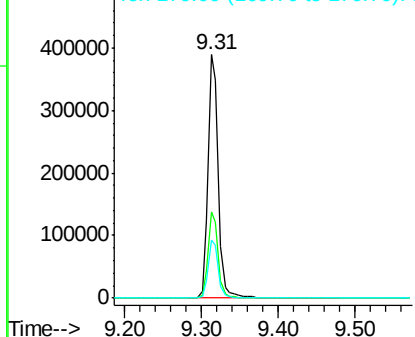


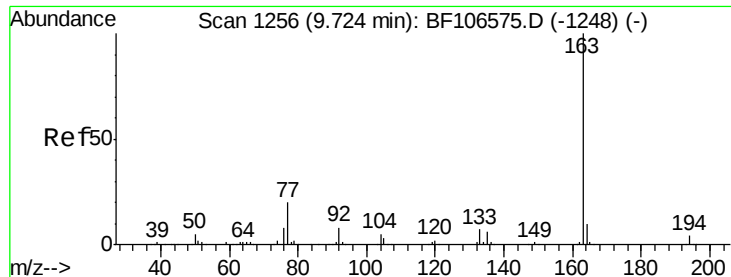
#44
 2-Fluorobiphenyl
 Concen: 34.799 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106611.D
 Acq: 20 Jun 2018 5:00

Tgt Ion:172 Resp: 358533
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.9 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

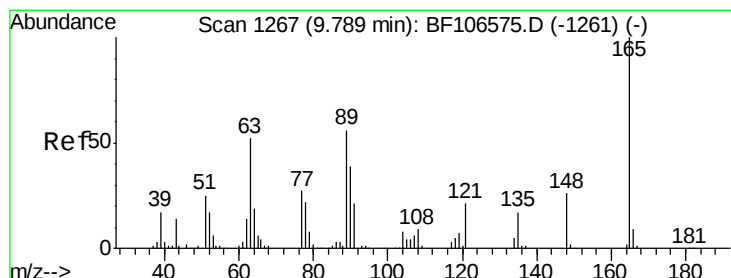
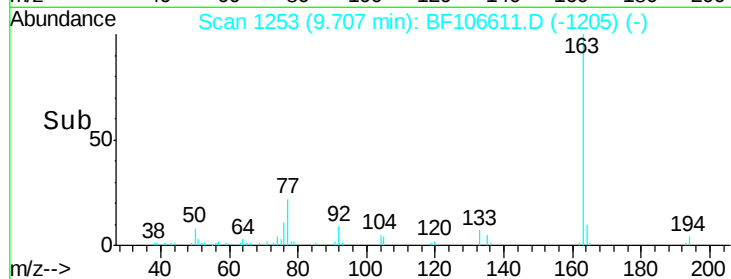
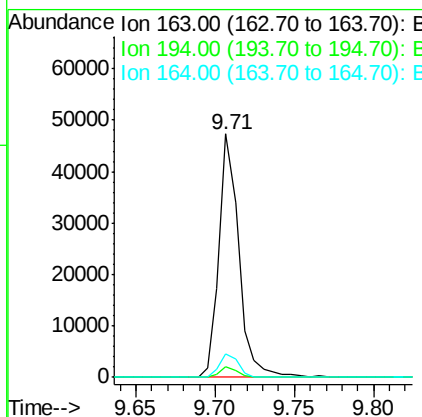
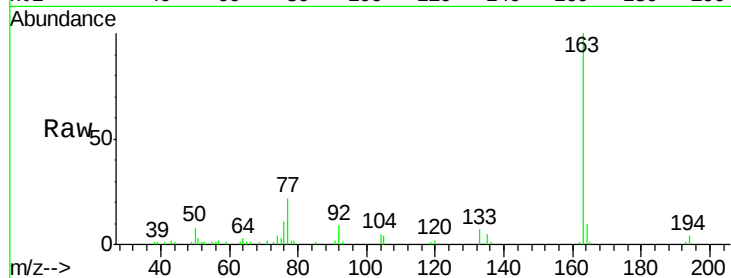




#49
Dimethylphthalate
Concen: 3.951 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

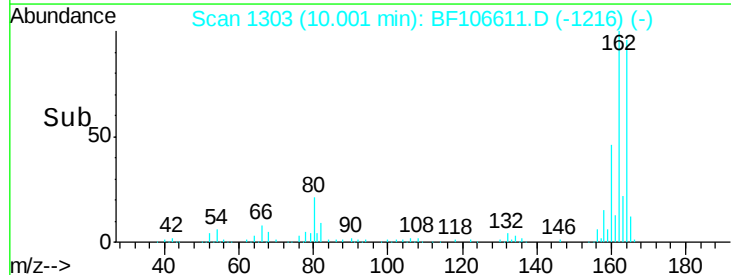
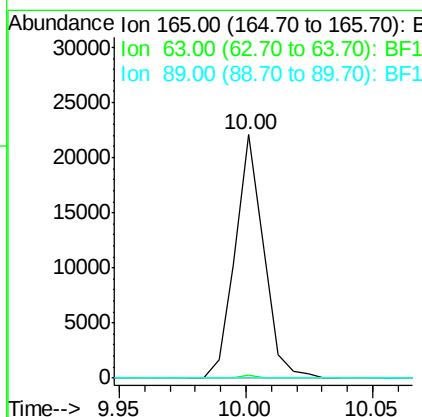
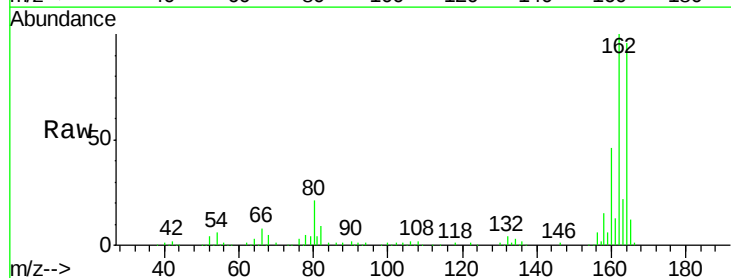
Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:163 Resp: 41331
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 9.8 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.777 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Tgt Ion:165 Resp: 17227
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 0.0 44.0 66.0#

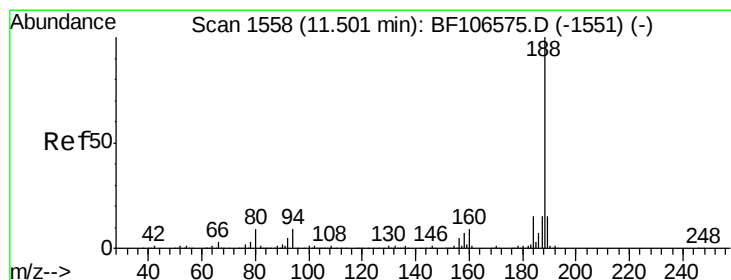
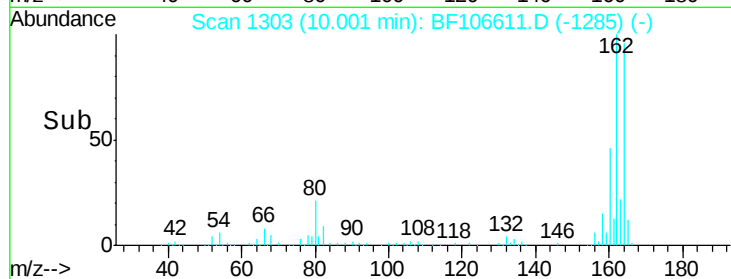
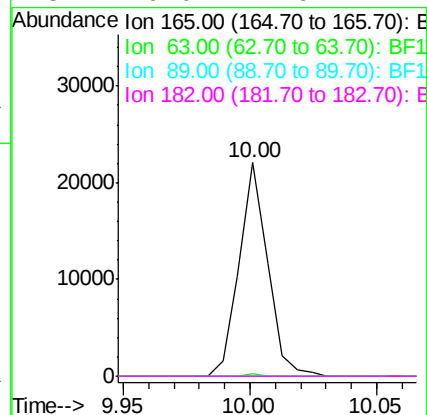
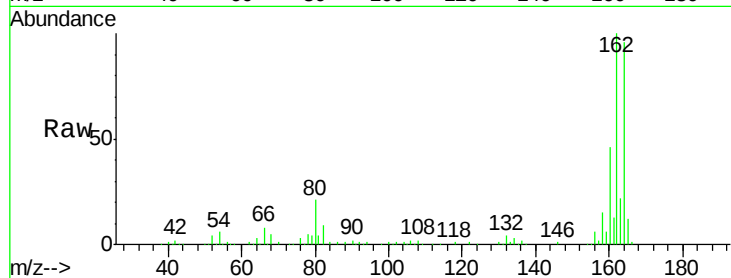




#56
2,4-Dinitrotoluene
Concen: 5.958 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

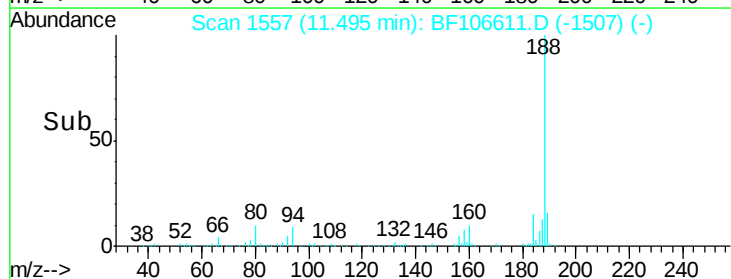
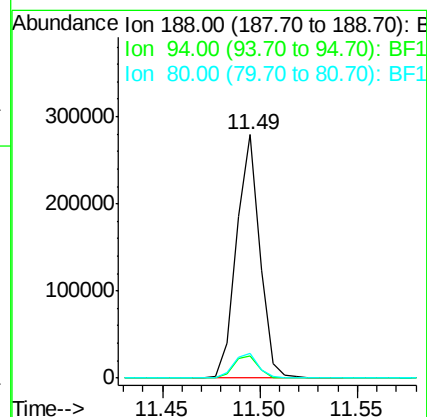
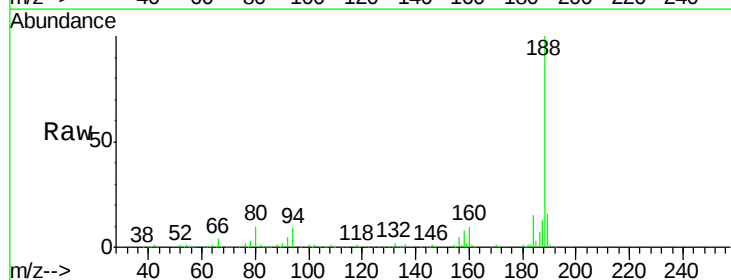
Instrument :
BNA_F
ClientSampleId :
S-1

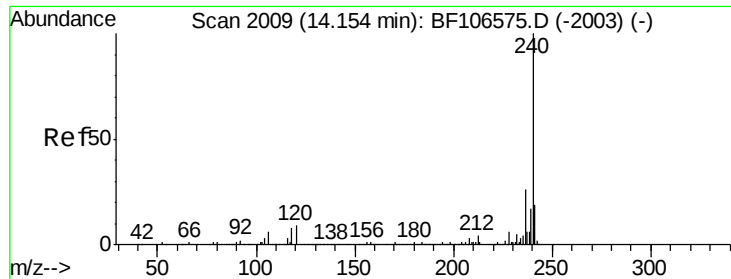
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	10.2	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106611.D

Acq: 20 Jun 2018 5:00

Instrument :

BNA_F

ClientSampleId :

S-1

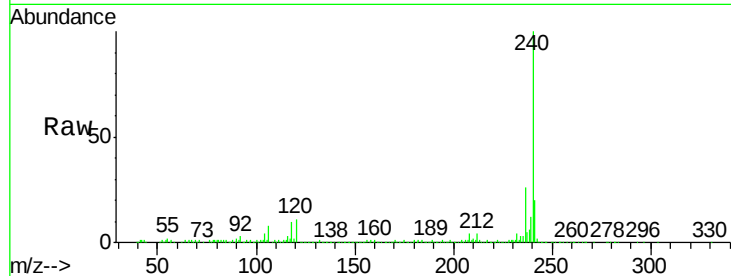
Tgt Ion:240 Resp: 261884

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

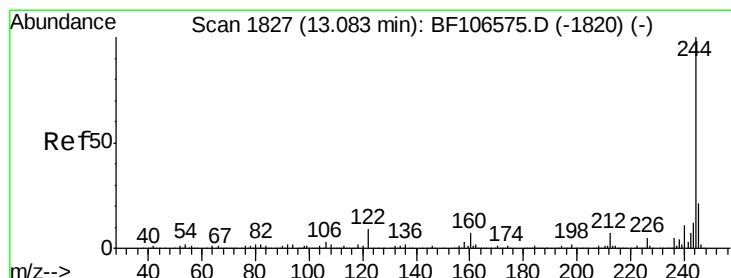
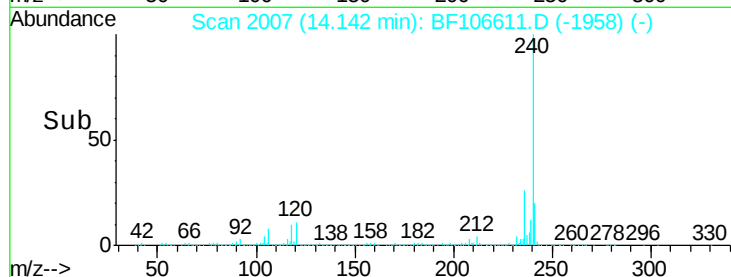
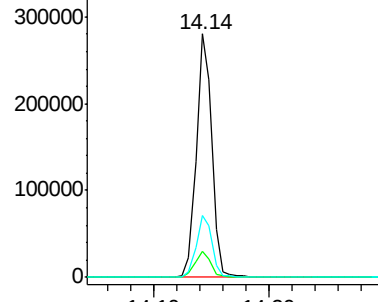
236 25.6 20.7 31.1



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: 30.631 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106611.D

Acq: 20 Jun 2018 5:00

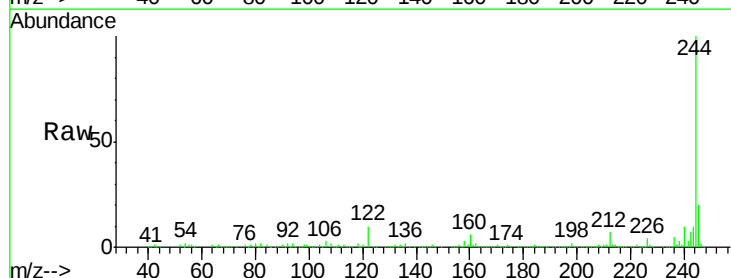
Tgt Ion:244 Resp: 331162

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

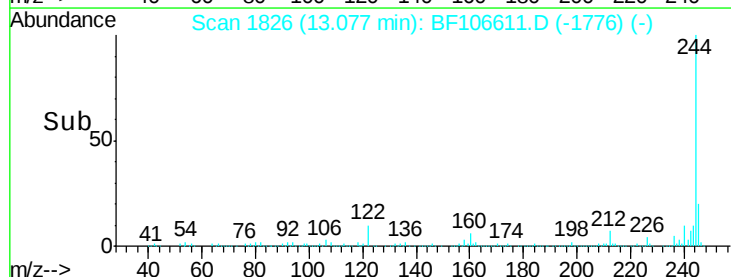
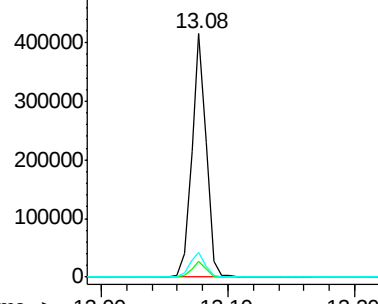
122 10.3 11.0 16.4#

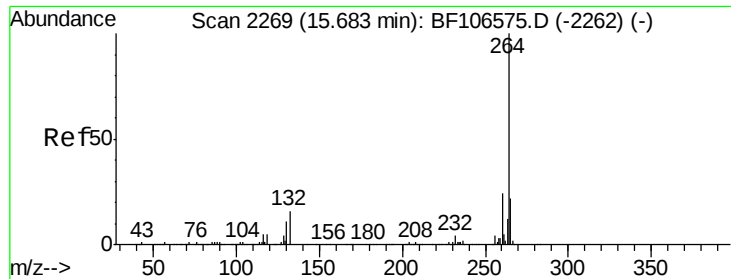


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

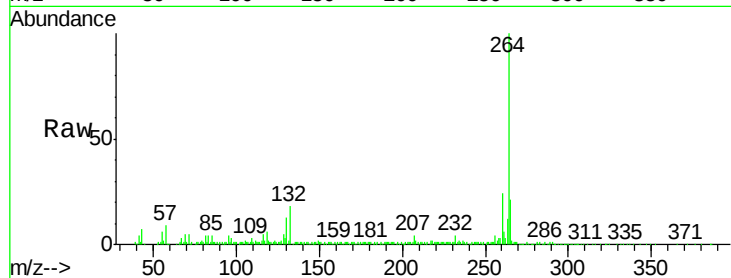




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106611.D
Acq: 20 Jun 2018 5:00

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

