

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106746.D
 Acq On : 23 Jun 2018 8:39
 Operator : JU/SJ
 Sample : J3597-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-43

Quant Time: Jun 25 01:18:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

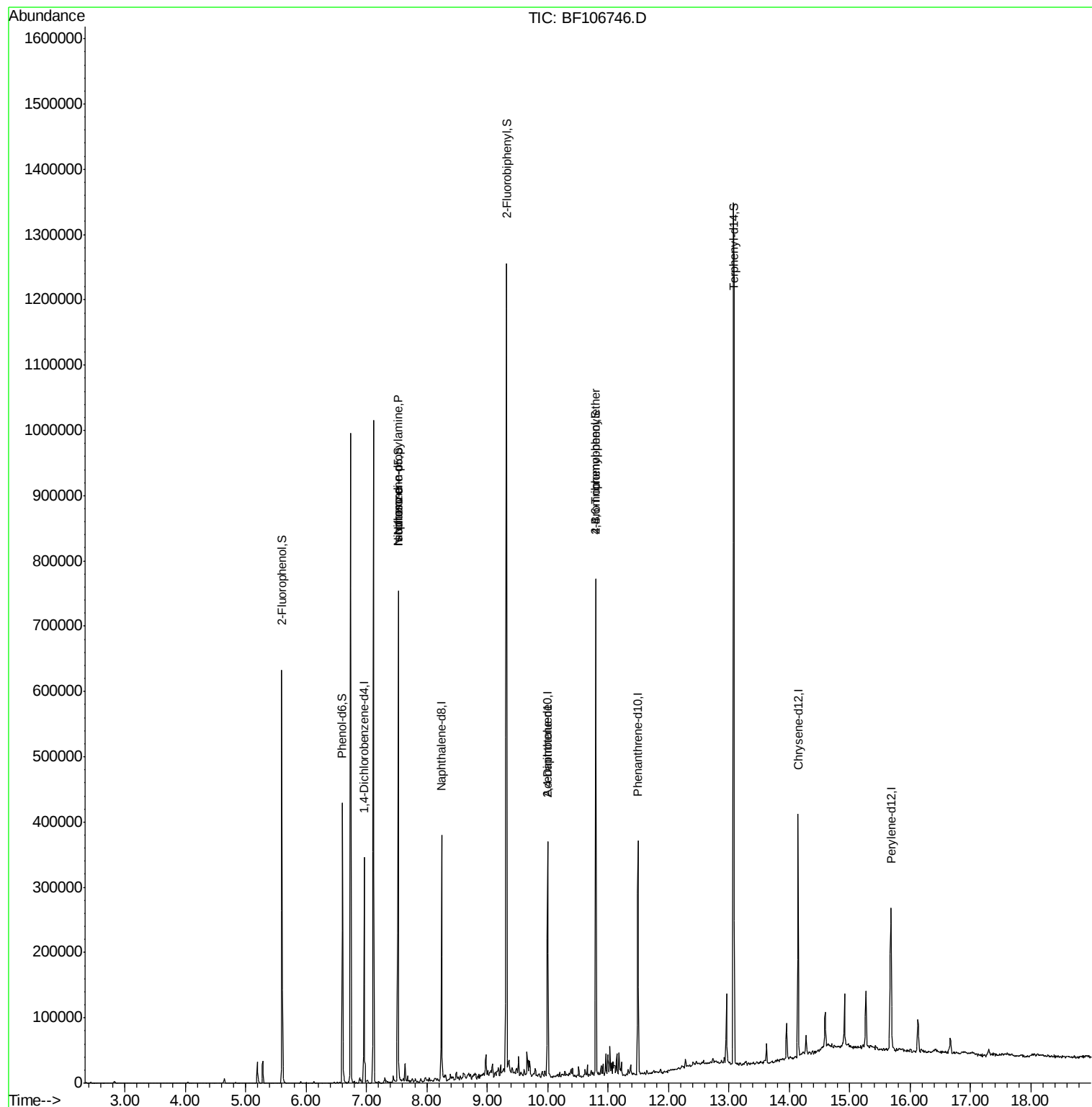
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	47245	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	157995	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	67182	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	129903	20.00	ng	0.00
75) Chrysene-d12	14.15	240	141839	20.00	ng	0.00
86) Perylene-d12	15.68	264	99740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	171044	61.30	ng	0.00
7) Phenol-d6	6.60	99	133478	38.31	ng	0.00
23) Nitrobenzene-d5	7.52	82	257833	90.69	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	105686	135.73	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	431663	113.74	ng	0.00
78) Terphenyl-d14	13.08	244	522819	89.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	33444	14.562	ng	# 73
25) Isophorone	7.52	82	257829	51.465	ng	# 64
56) 2,4-Dinitrotoluene	10.00	165	8763	6.292	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	6335	4.086	ng	# 1

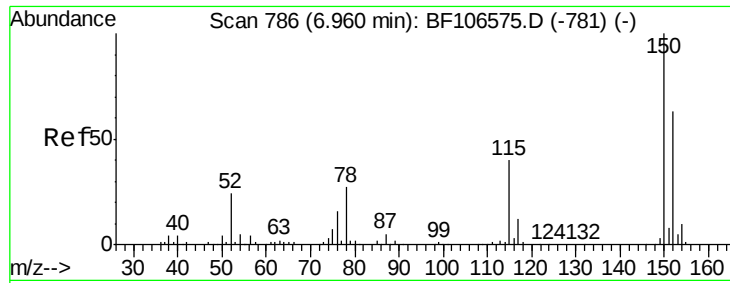
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
Data File : BF106746.D
Acq On : 23 Jun 2018 8:39
Operator : JU/SJ
Sample : J3597-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-43

Quant Time: Jun 25 01:18:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 22 11:34:03 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: BF106746.D

Acq: 23 Jun 2018 8:39

Instrument :

BNA_F

ClientSampleId :

W-43

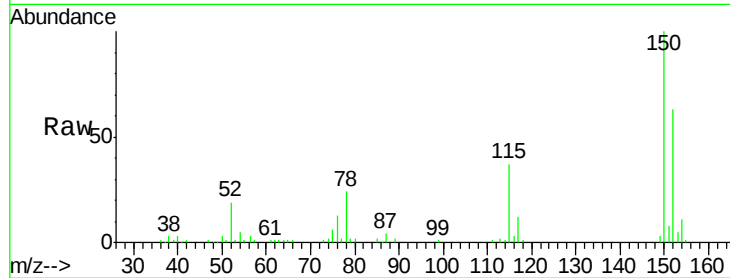
Tgt Ion:152 Resp: 47245

Ion Ratio Lower Upper

152 100

150 159.4 124.6 186.8

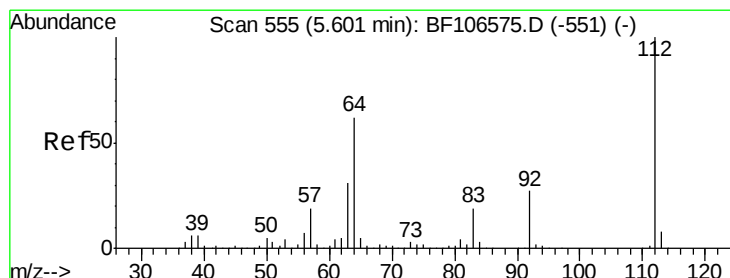
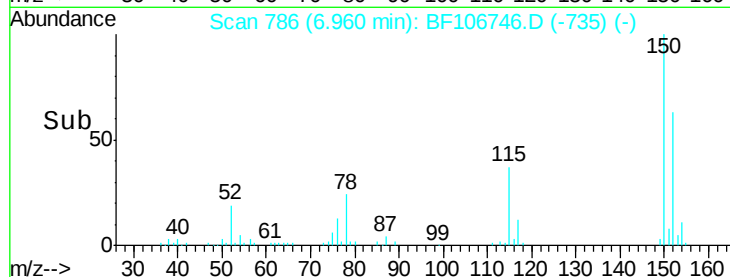
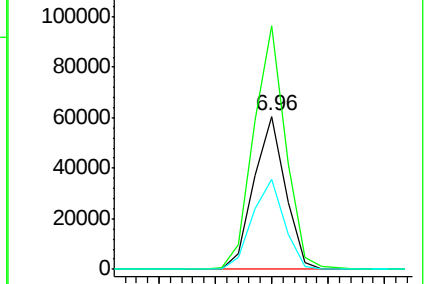
115 59.3 50.1 75.1



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: 61.304 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF106746.D

Acq: 23 Jun 2018 8:39

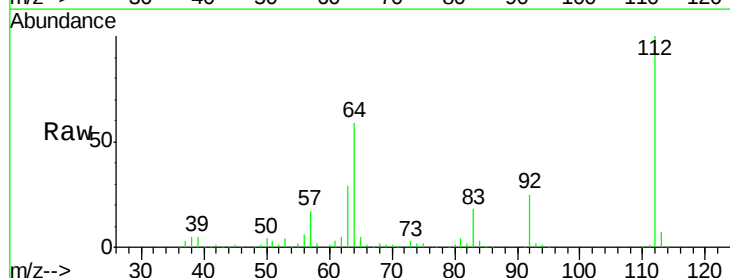
Tgt Ion:112 Resp: 171044

Ion Ratio Lower Upper

112 100

64 59.4 47.9 71.9

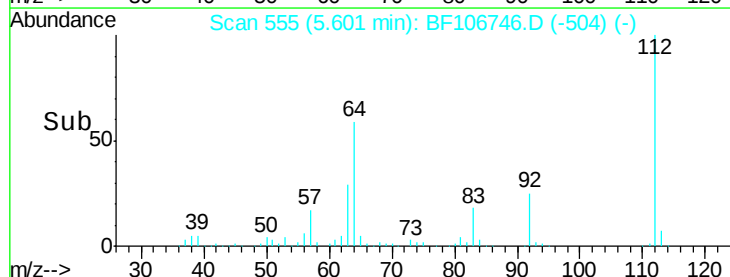
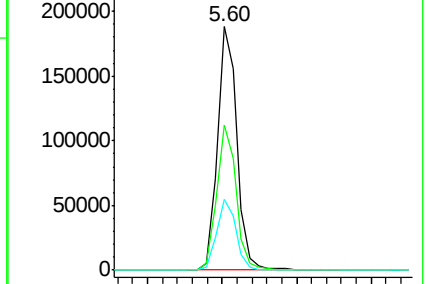
63 28.9 23.7 35.5



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: 38.309 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106746.D

Acq: 23 Jun 2018 8:39

Instrument :

BNA_F

ClientSampleId :

W-43

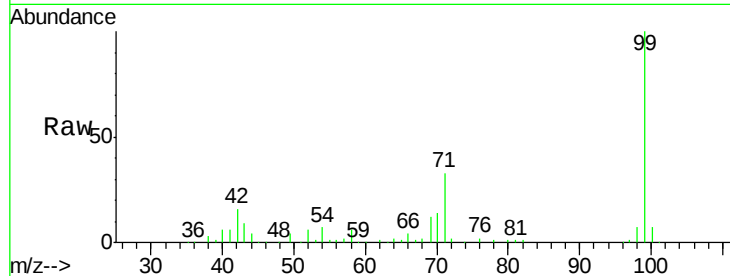
Tgt Ion: 99 Resp: 133478

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

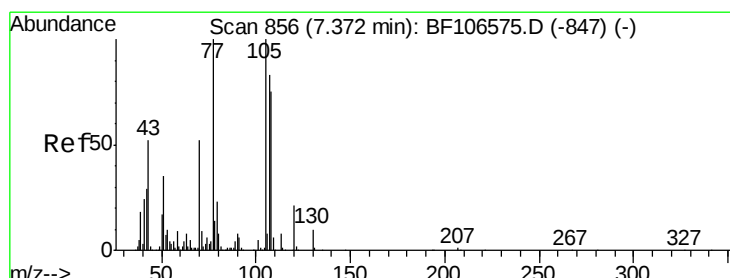
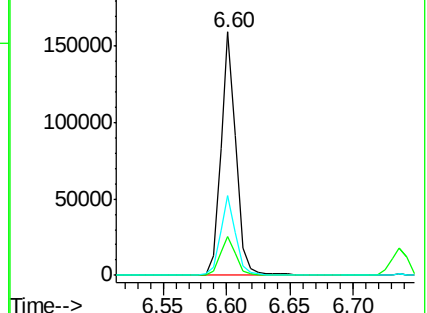
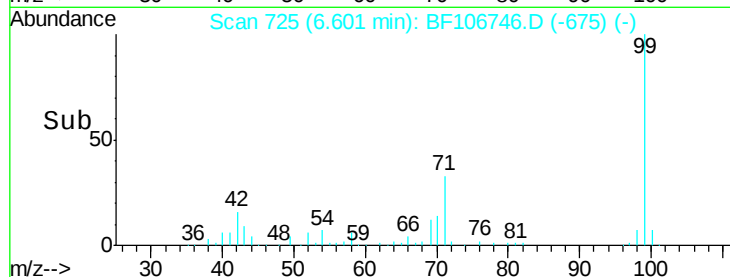
71 33.0 25.4 38.0



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: 14.562 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106746.D

Acq: 23 Jun 2018 8:39

Tgt Ion: 70 Resp: 33444

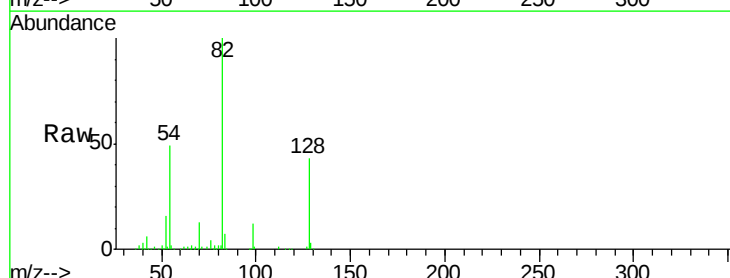
Ion Ratio Lower Upper

70 100

42 42.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

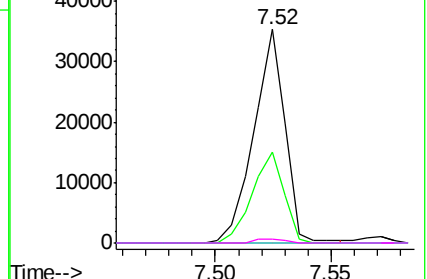
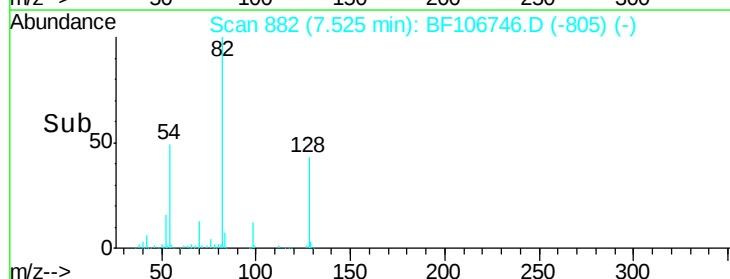


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

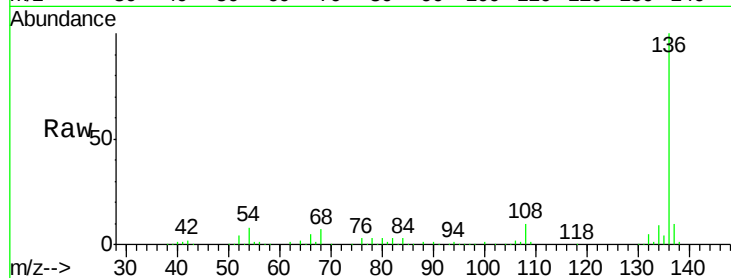




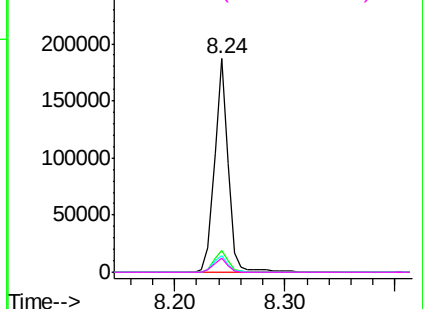
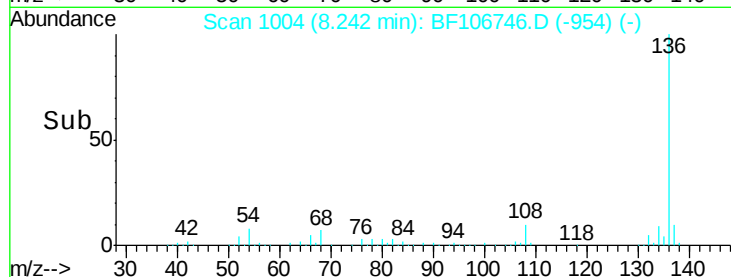
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106746.D
Acq: 23 Jun 2018 8:39

Instrument :
BNA_F
ClientSampleId :
W-43

Tgt Ion:	136	Resp:	157995
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.0	6.6	9.8
68	6.7	5.0	7.4

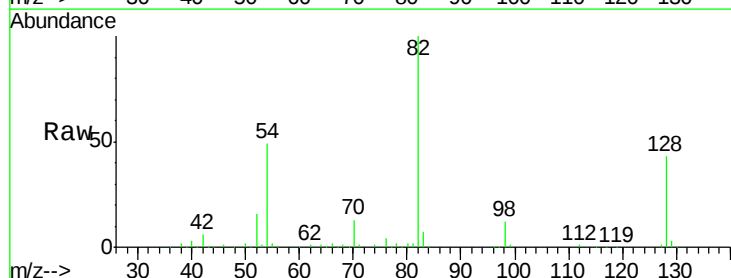


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

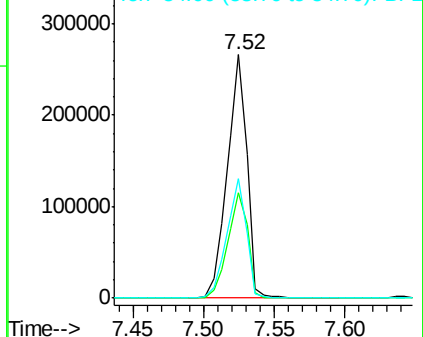
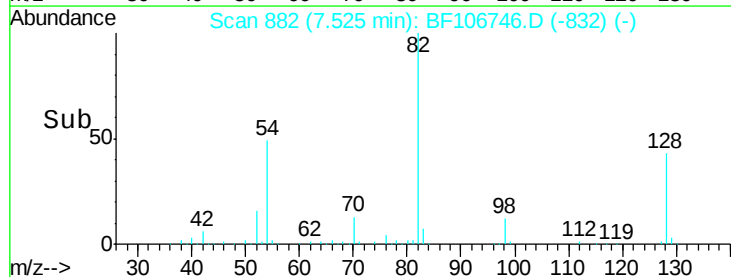


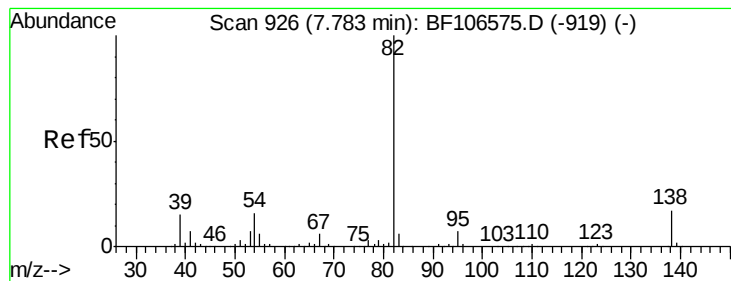
#23
Nitrobenzene-d5
Concen: 90.691 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106746.D
Acq: 23 Jun 2018 8:39

Tgt Ion:	82	Resp:	257833
Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	49.0	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: 51.465 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106746.D

Acq: 23 Jun 2018 8:39

Instrument :

BNA_F

ClientSampleId :

W-43

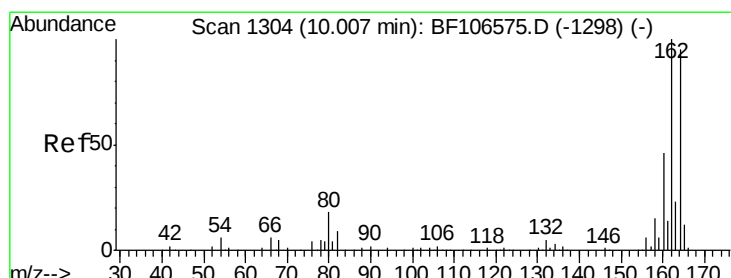
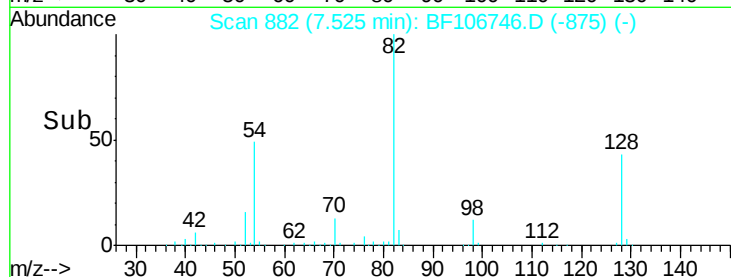
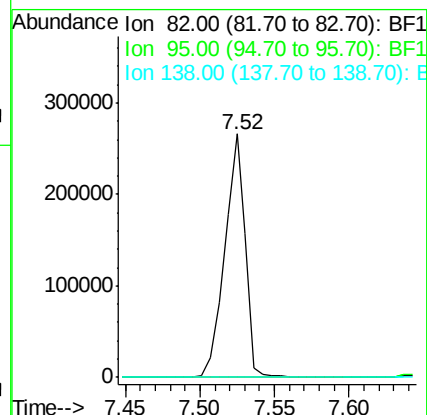
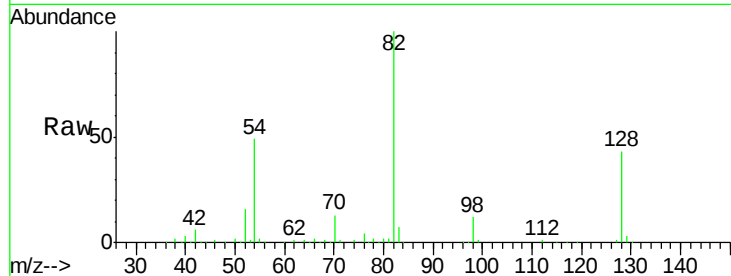
Tgt Ion: 82 Resp: 257829

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: BF106746.D

Acq: 23 Jun 2018 8:39

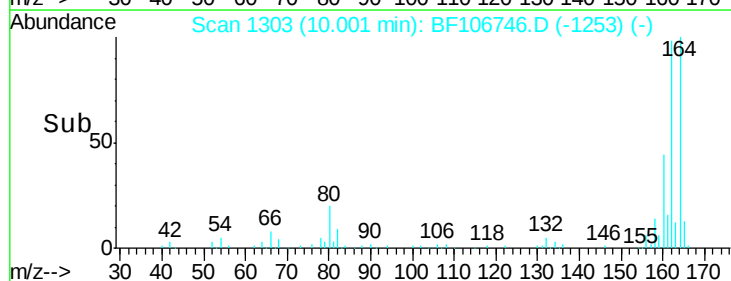
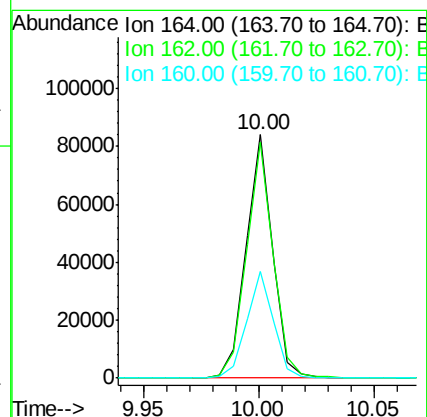
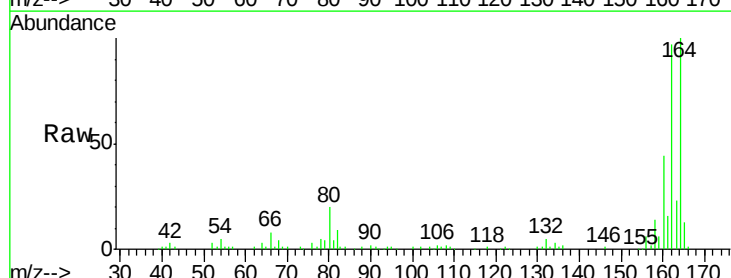
Tgt Ion: 164 Resp: 67182

Ion Ratio Lower Upper

164 100

162 97.0 86.1 129.1

160 43.9 38.3 57.5

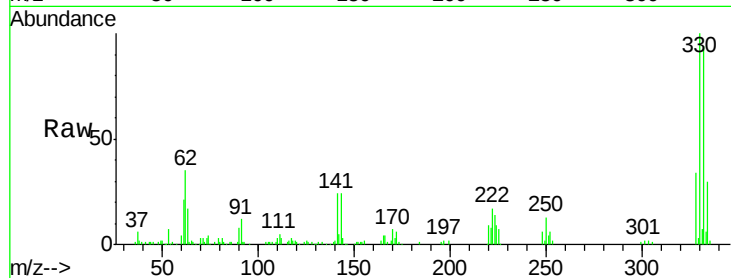




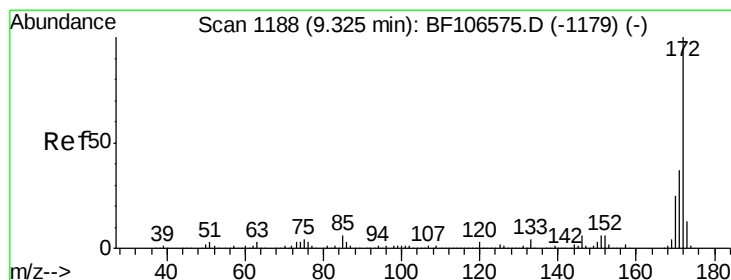
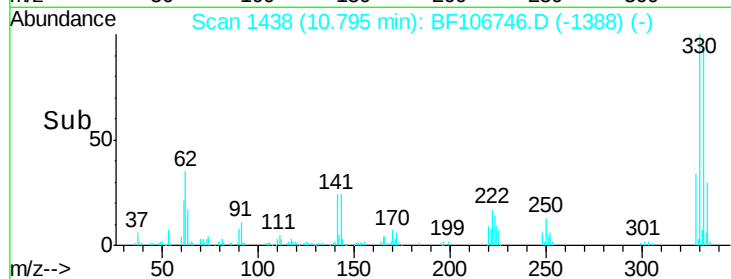
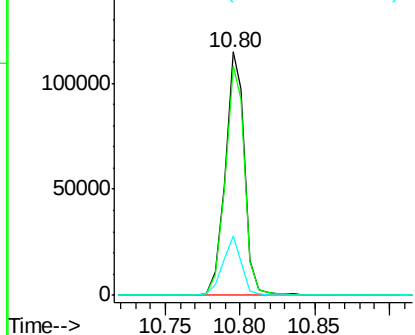
#41
 2,4,6-Tribromophenol
 Concen: 135.728 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106746.D
 Acq: 23 Jun 2018 8:39

Instrument :
 BNA_F
 ClientSampleId :
 W-43

Tgt Ion:330 Resp: 105686
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 23.3 29.9 44.9#

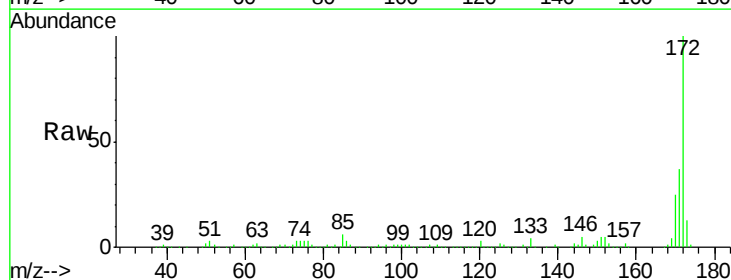


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

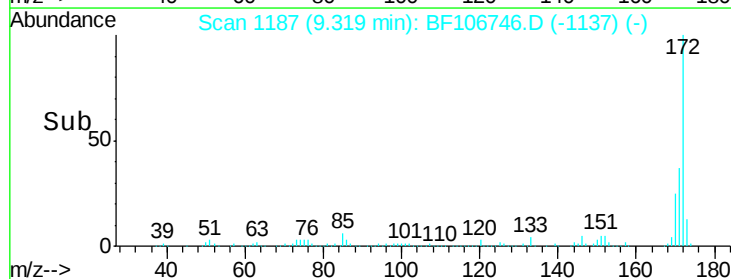
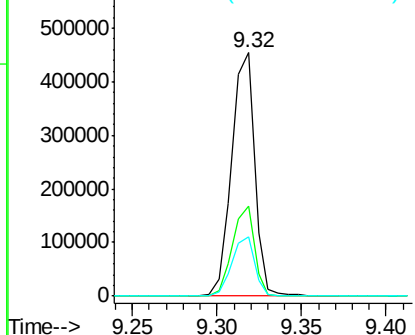


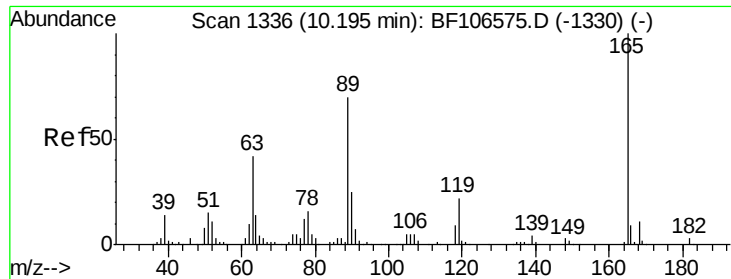
#44
 2-Fluorobiphenyl
 Concen: 113.744 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106746.D
 Acq: 23 Jun 2018 8:39

Tgt Ion:172 Resp: 431663
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.5 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

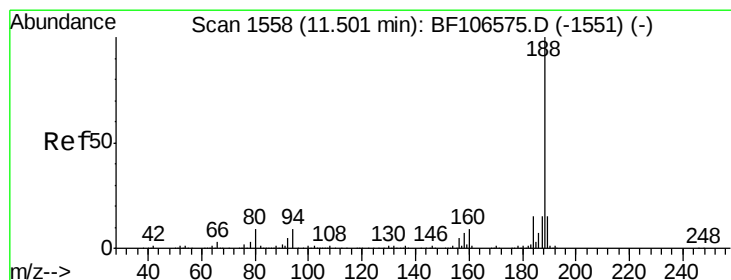
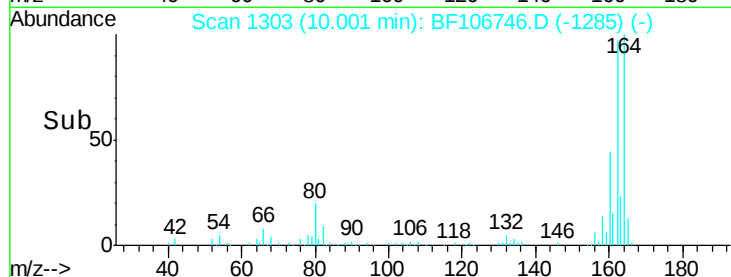
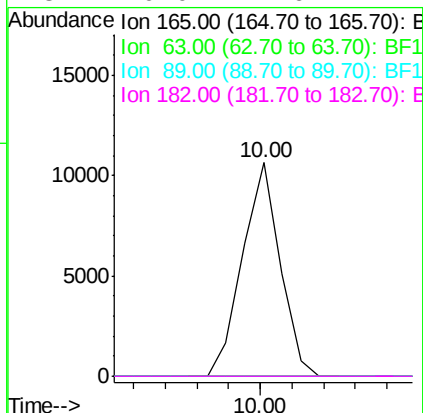
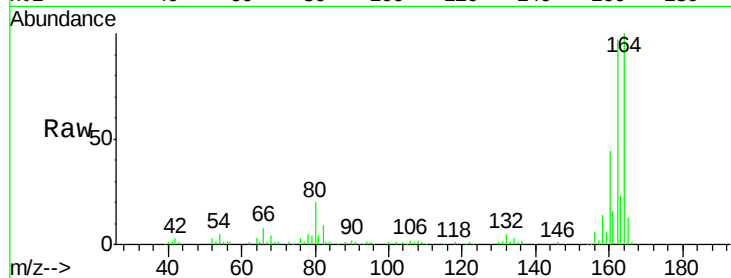




#56
 2,4-Dinitrotoluene
 Concen: 6.292 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.19 min
 Lab File: BF106746.D
 Acq: 23 Jun 2018 8:39

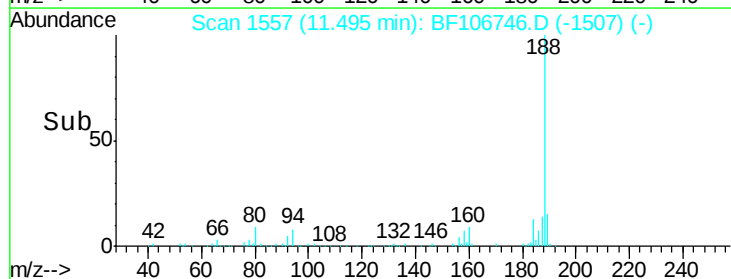
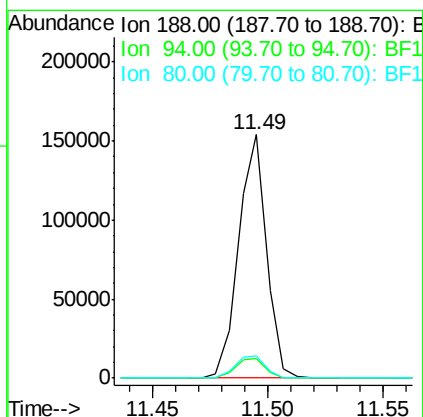
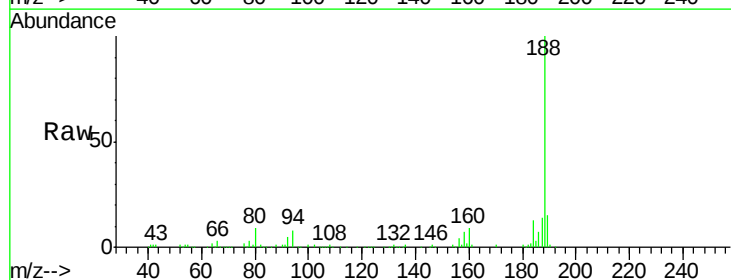
Instrument :
 BNA_F
 ClientSampleId :
 W-43

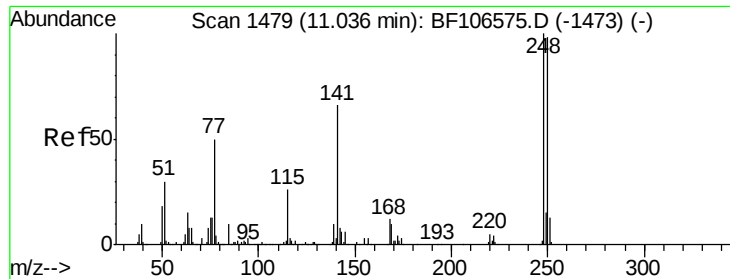
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106746.D
 Acq: 23 Jun 2018 8:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.9	9.2	13.8#

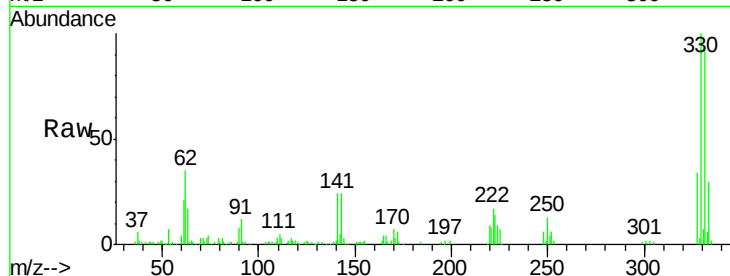




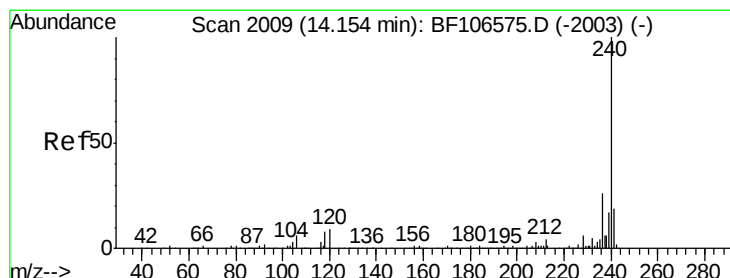
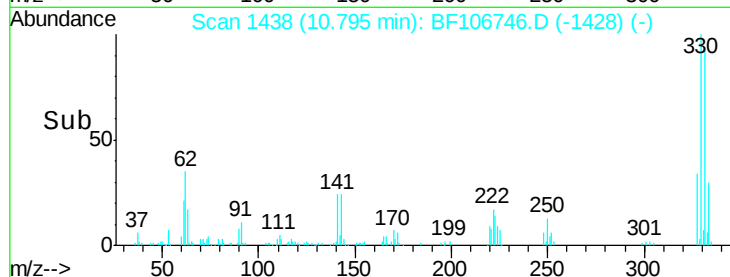
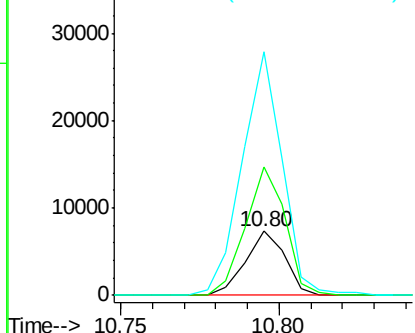
#66
4-Bromophenyl-phenylether
Concen: 4.086 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106746.D
Acq: 23 Jun 2018 8:39

Instrument :
BNA_F
ClientSampleId :
W-43

Tgt Ion:248 Resp: 6335
Ion Ratio Lower Upper
248 100
250 200.1 76.9 115.3#
141 379.8 74.4 111.6#

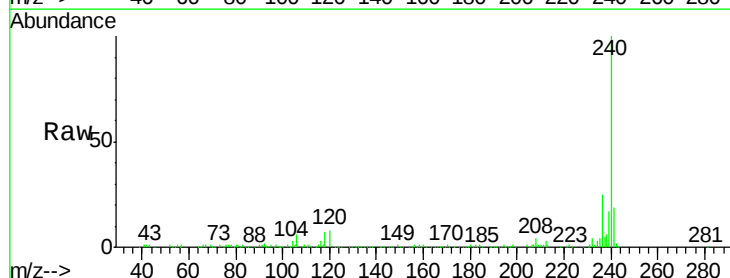


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

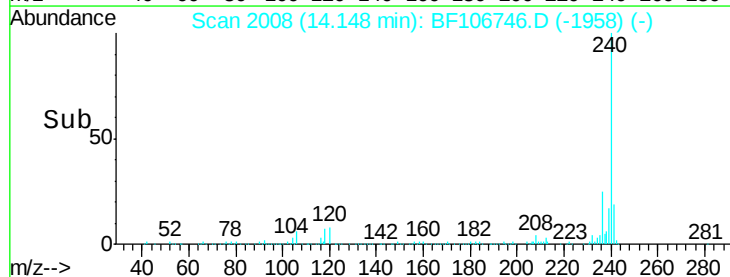
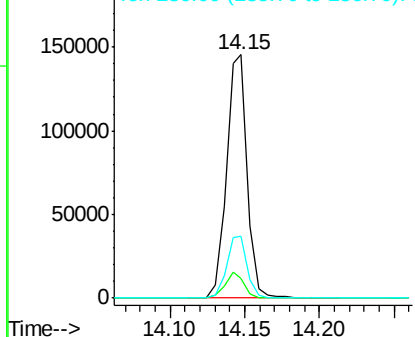


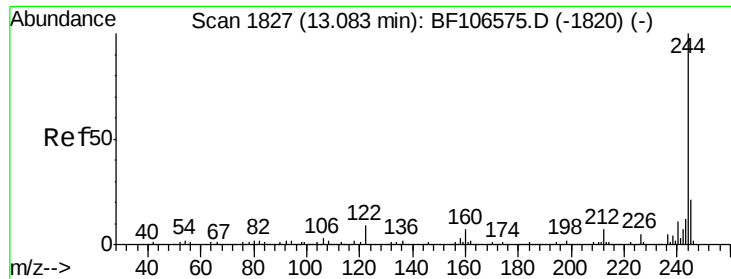
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106746.D
Acq: 23 Jun 2018 8:39

Tgt Ion:240 Resp: 141839
Ion Ratio Lower Upper
240 100
120 7.8 9.5 14.3#
236 25.2 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

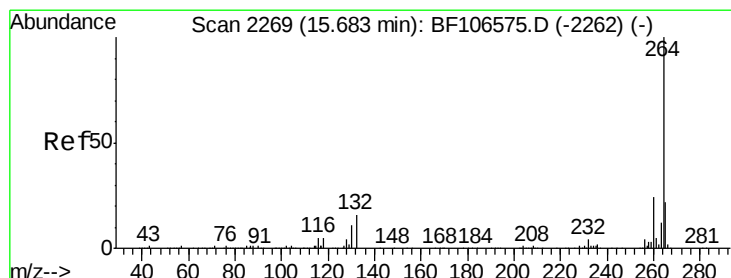
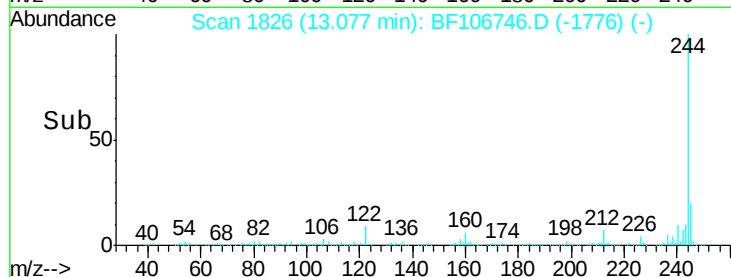
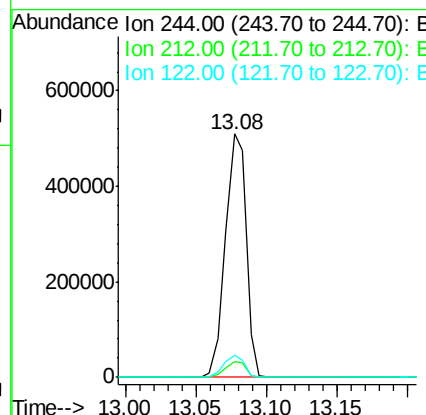
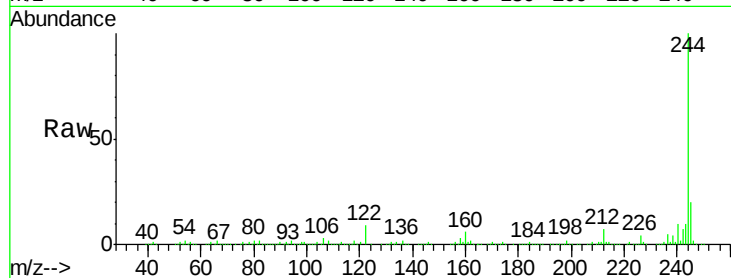




#78
 Terphenyl-d14
 Concen: 89.286 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106746.D
 Acq: 23 Jun 2018 8:39

Instrument :
 BNA_F
 ClientSampleId :
 W-43

Tgt Ion: 244 Resp: 522819
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.2 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF106746.D
 Acq: 23 Jun 2018 8:39

Tgt Ion: 264 Resp: 99740
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.0 17.5 26.3

