

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106324.D
 Acq On : 12 Jun 2018 5:31
 Operator : JU/SJ
 Sample : J3311-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-35

Quant Time: Jun 12 09:44:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

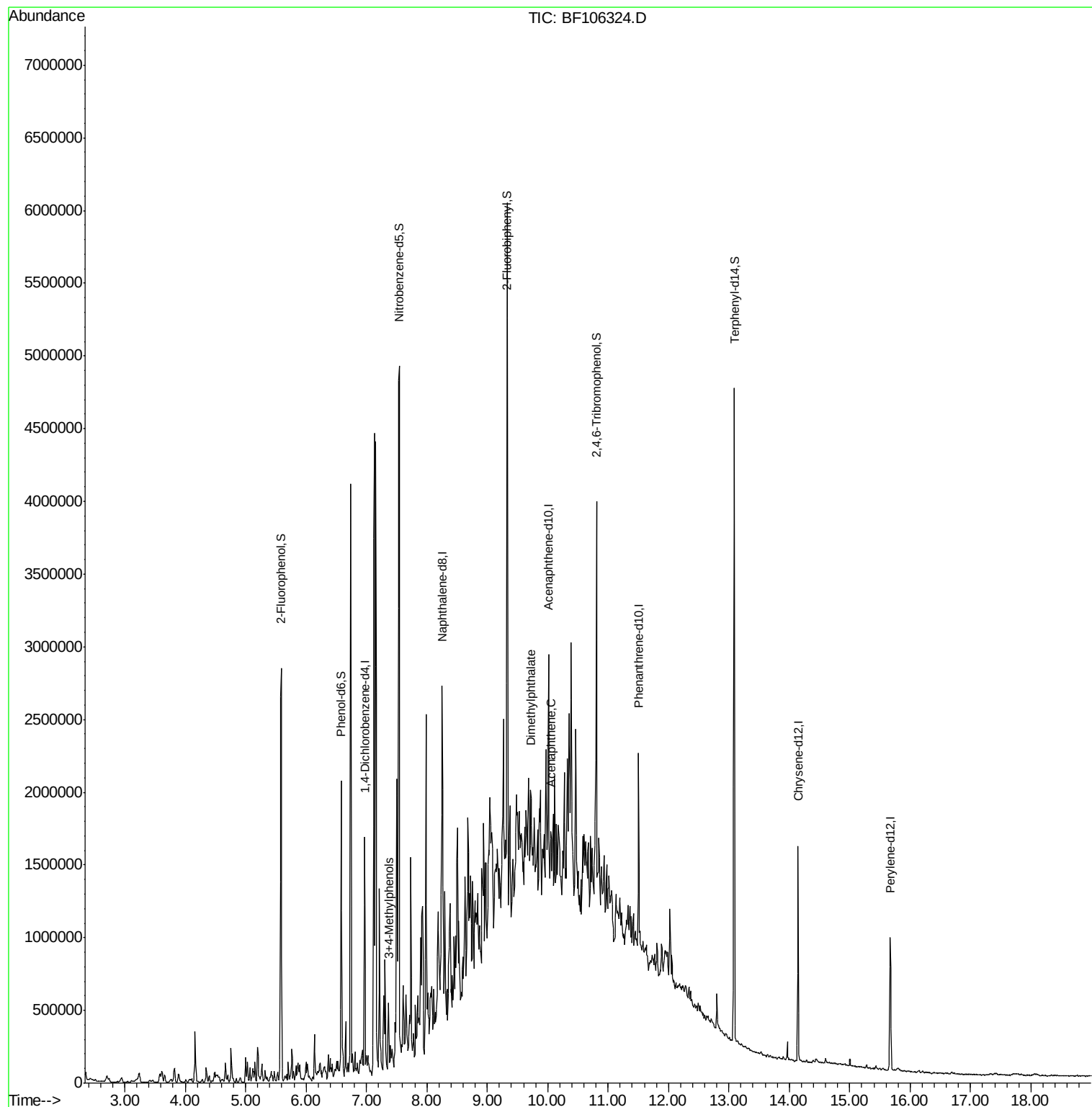
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	197484	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	690377	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	309603	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	513808	20.00	ng	0.00
75) Chrysene-d12	14.14	240	502487	20.00	ng	-0.02
86) Perylene-d12	15.67	264	423675	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	731229	62.67	ng	0.00
7) Phenol-d6	6.58	99	606656	41.15	ng	0.00
23) Nitrobenzene-d5	7.54	82	1098843	93.63	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	454653	152.62	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1765673	111.32	ng	0.00
78) Terphenyl-d14	13.09	244	1595865	78.88	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.36	107	31448	2.197	ng	87
49) Dimethylphthalate	9.72	163	86565	3.914	ng	# 90
51) Acenaphthene	10.05	154	43053	2.270	ng	96

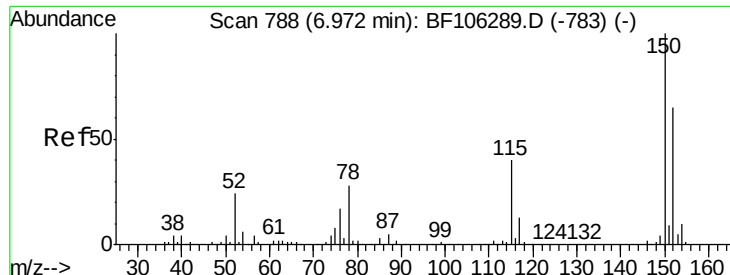
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106324.D
Acq On : 12 Jun 2018 5:31
Operator : JU/SJ
Sample : J3311-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-35

Quant Time: Jun 12 09:44:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration



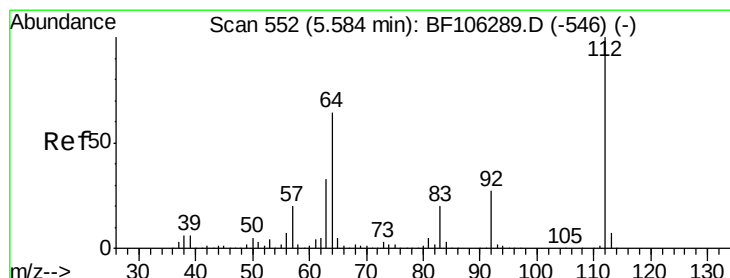
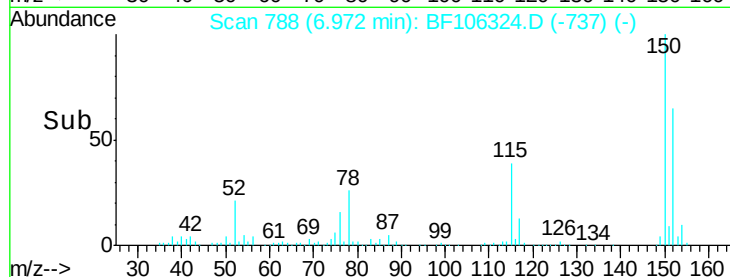
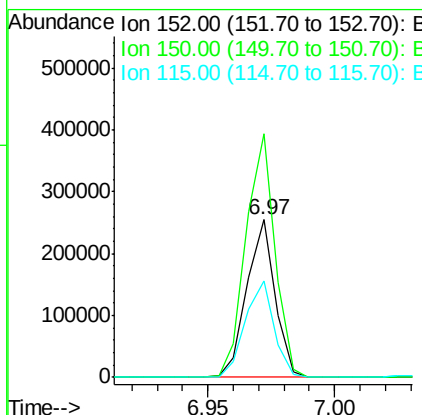
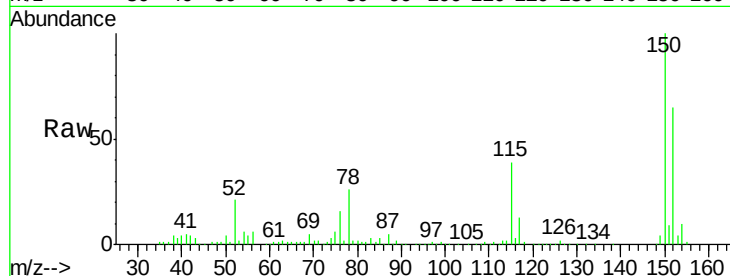


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106324.D
Acq: 12 Jun 2018 5:31

Instrument :
BNA_F
ClientSampleId :
MW-35

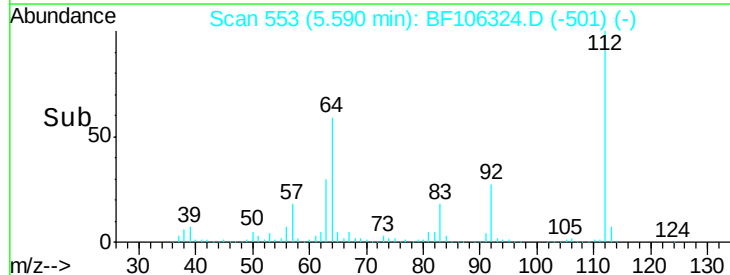
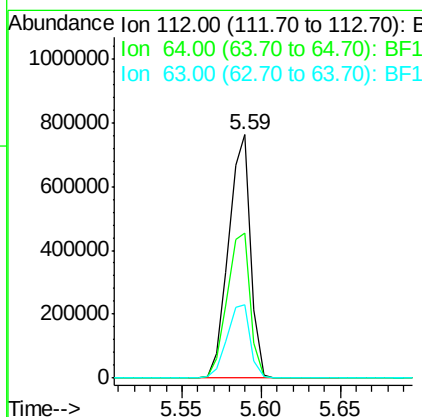
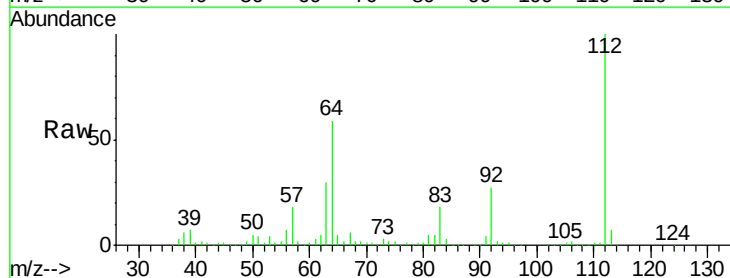
Tot Ion:152 Resp: 197484
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 60.9 50.1 75.1

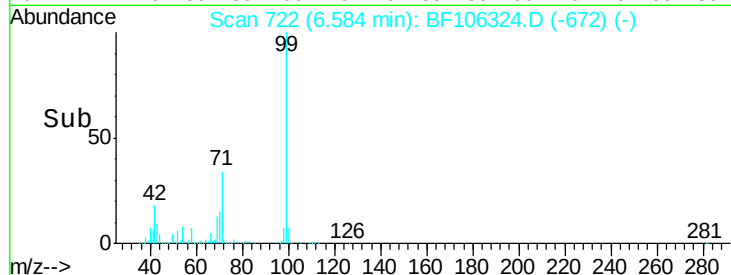
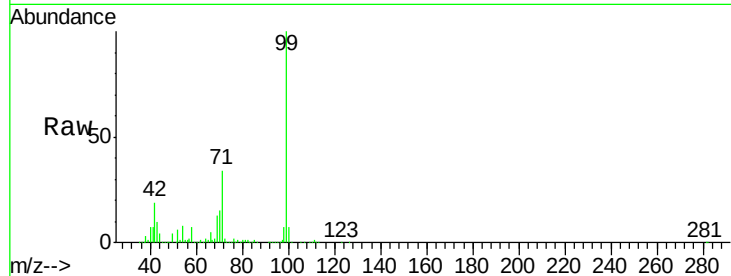
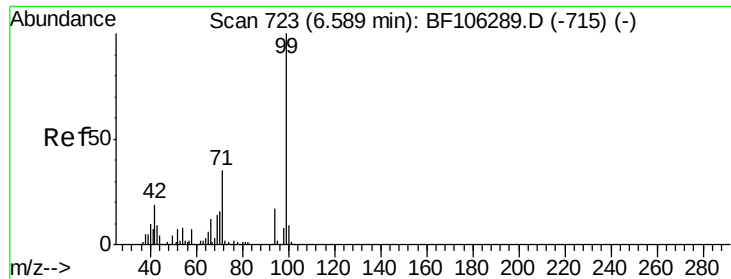


#5

2-Fluorophenol
Concen: 62.669 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106324.D
Acq: 12 Jun 2018 5:31

Tgt Ion:112 Resp: 731229
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 29.9 23.7 35.5





#7

Phenol-d6

Concen: 41.152 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF106324.D

Acq: 12 Jun 2018 5:31

Instrument :

BNA_F

ClientSampleId :

MW-35

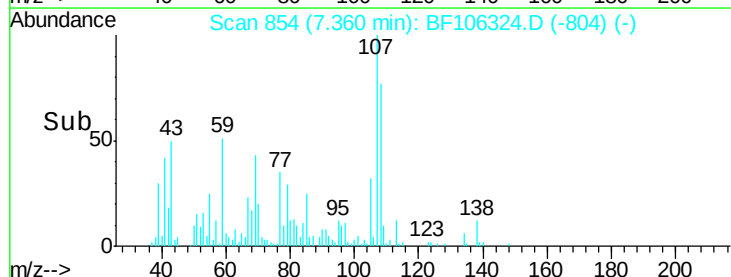
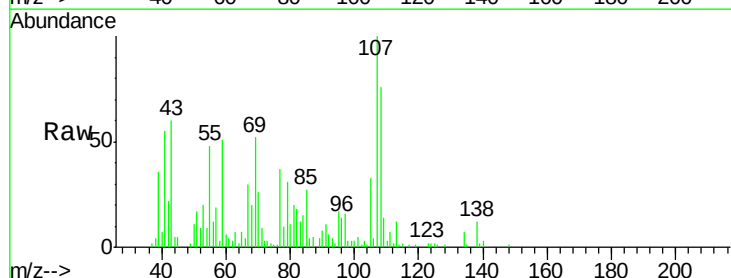
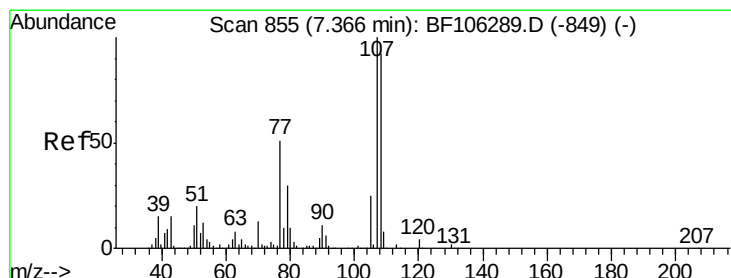
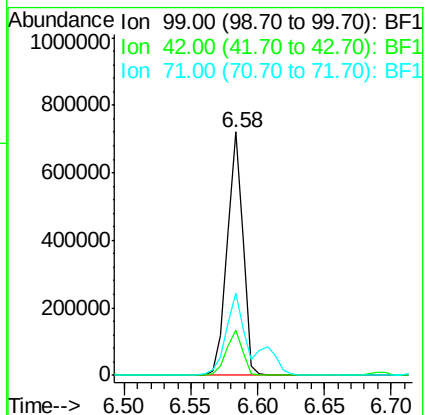
Tot Ion: 99 Resp: 606656

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

71 33.9 25.4 38.0



#20

3+4-Methylphenols

Concen: 2.197 ng

RT: 7.36 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF106324.D

Acq: 12 Jun 2018 5:31

Tgt Ion: 107 Resp: 31448

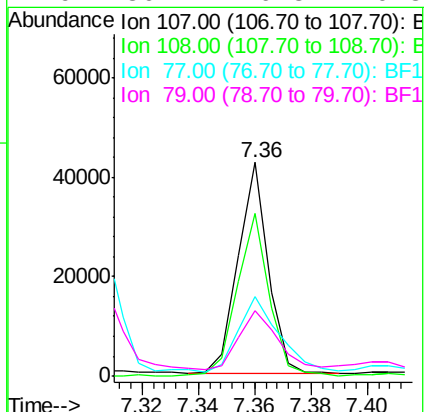
Ion Ratio Lower Upper

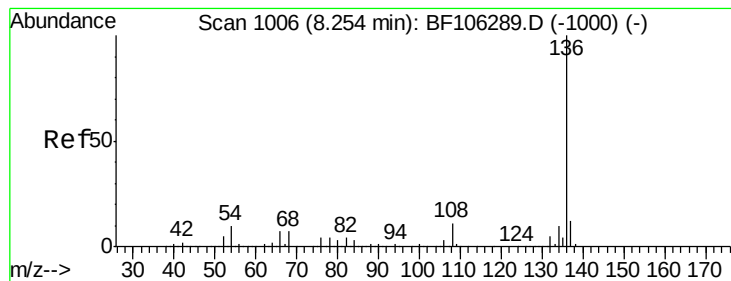
107 100

108 76.2 68.2 108.2

77 36.9 26.7 66.7

79 30.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106324.D

Acq: 12 Jun 2018 5:31

Instrument :

BNA_F

ClientSampleId :

MW-35

Tot Ion:136 Resp: 690377

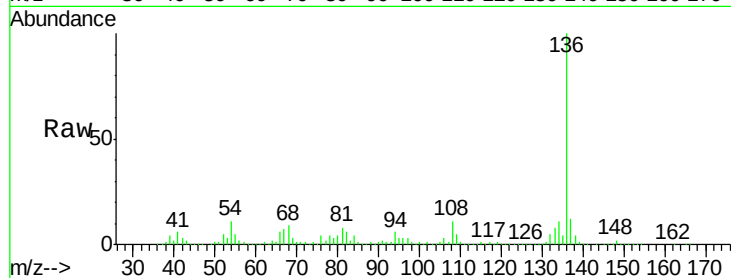
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 11.5 6.6 9.8#

68 9.4 5.0 7.4#

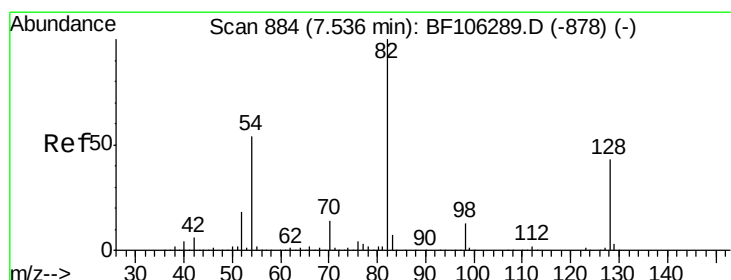
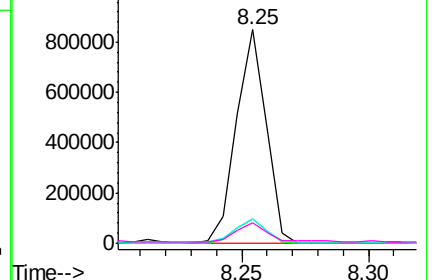
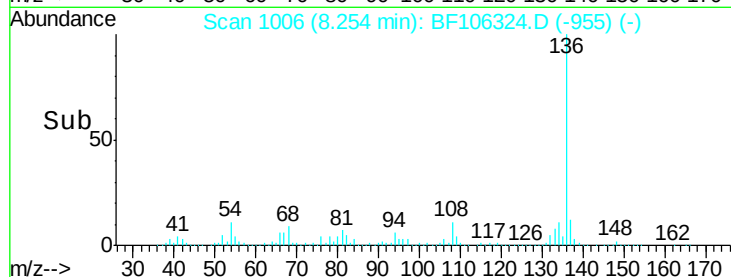


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.635 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF106324.D

Acq: 12 Jun 2018 5:31

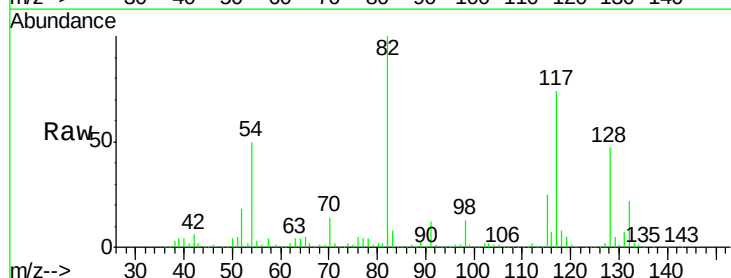
Tgt Ion: 82 Resp: 1098843

Ion Ratio Lower Upper

82 100

128 47.2 36.1 54.1

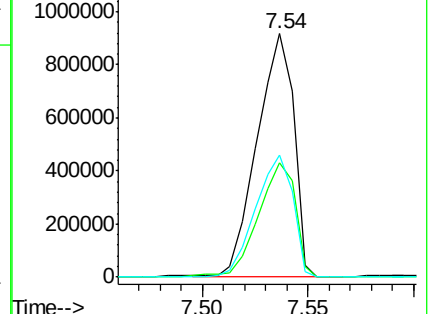
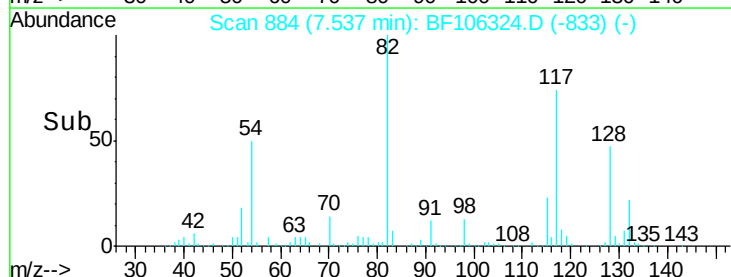
54 50.3 41.4 62.2

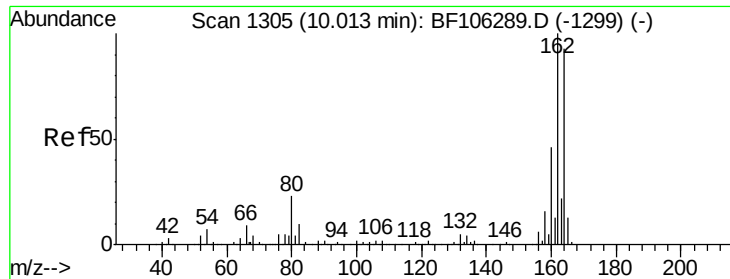


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF106324.D

Acq: 12 Jun 2018 5:31

Instrument :

BNA_F

ClientSampleId :

MW-35

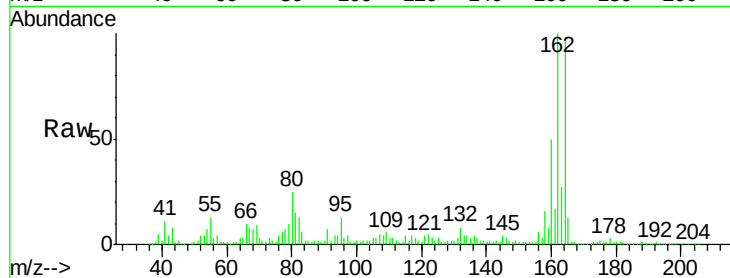
Tot Ion:164 Resp: 309603

Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

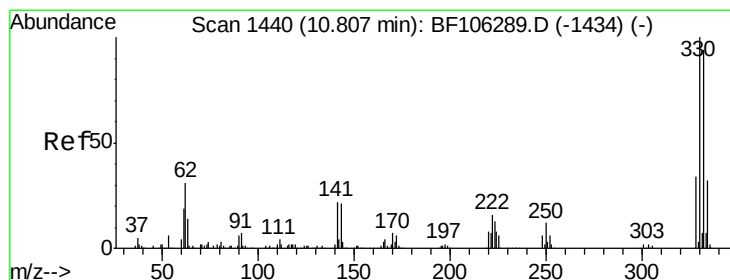
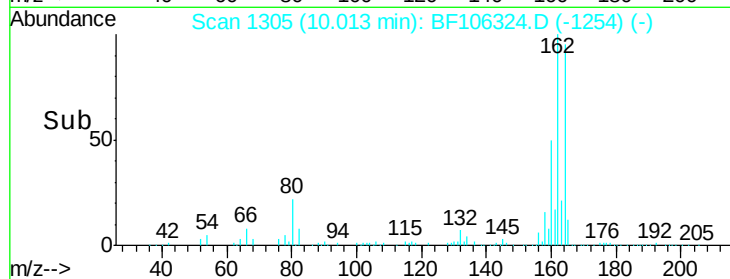
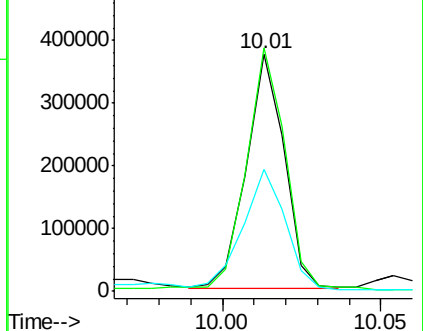
160 51.1 38.3 57.5



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: 152.624 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF106324.D

Acq: 12 Jun 2018 5:31

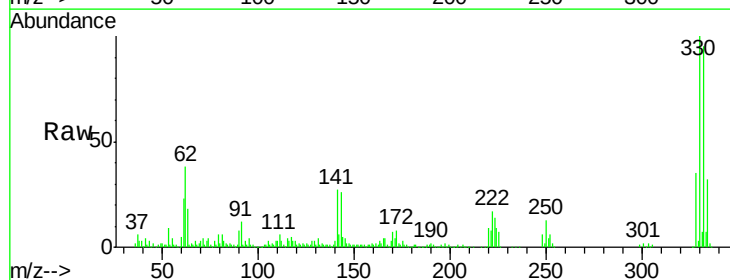
Tgt Ion:330 Resp: 454653

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

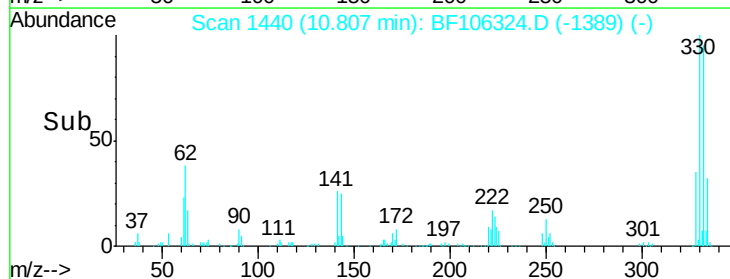
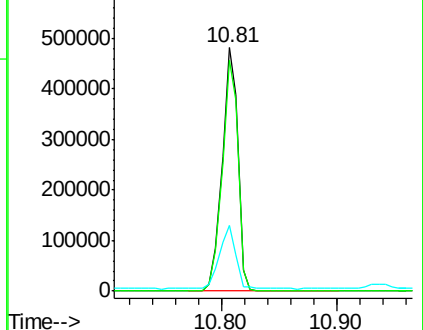
141 27.9 29.9 44.9#

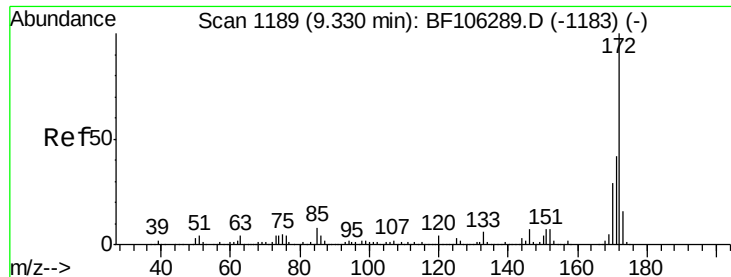


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

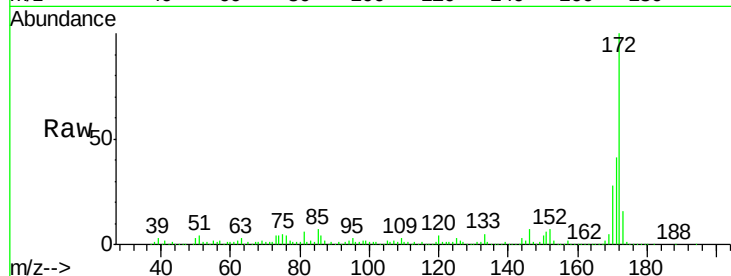




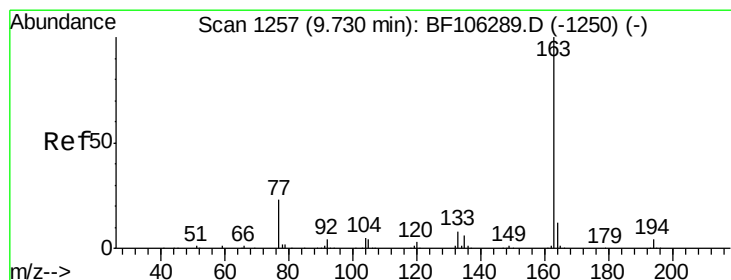
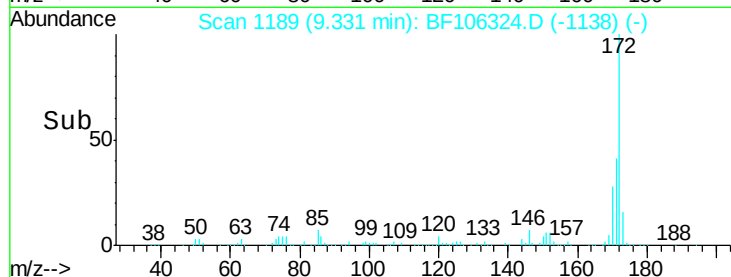
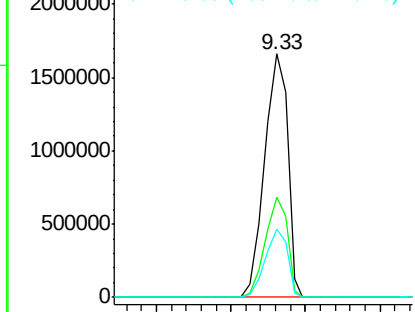
#44
2-Fluorobiphenyl
Concen: 111.315 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106324.D
Acq: 12 Jun 2018 5:31

Instrument :
BNA_F
ClientSampleId :
MW-35

Tot Ion:172 Resp: 1765673
Ion Ratio Lower Upper
172 100
171 41.2 29.7 44.5
170 27.9 19.6 29.4

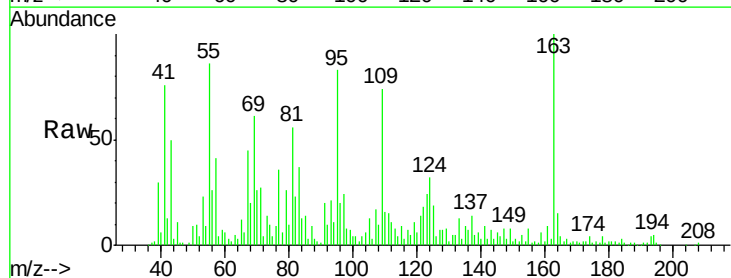


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

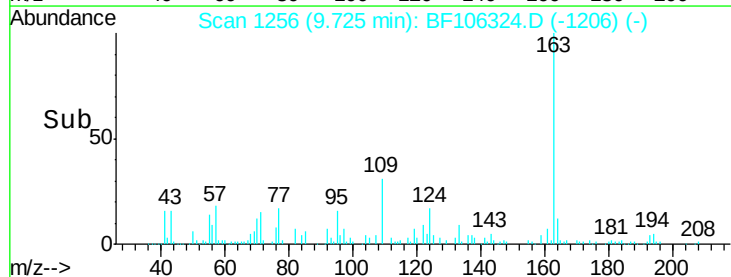
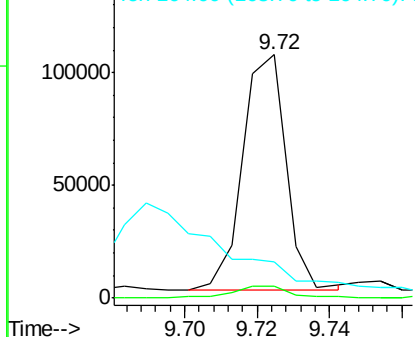


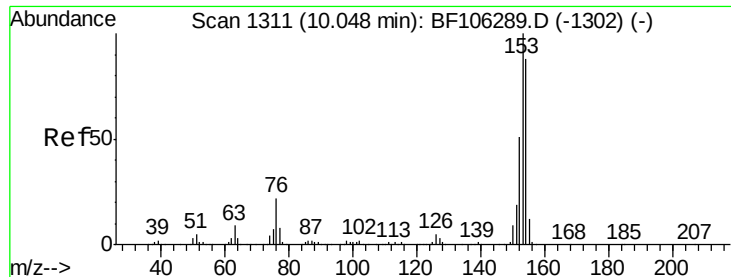
#49
Dimethylphthalate
Concen: 3.914 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF106324.D
Acq: 12 Jun 2018 5:31

Tgt Ion:163 Resp: 86565
Ion Ratio Lower Upper
163 100
194 4.7 2.7 4.1#
164 14.7 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





#51

Acenaphthene

Concen: 2.270 ng

RT: 10.05 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF106324.D

Acq: 12 Jun 2018 5:31

Instrument :

BNA_F

ClientSampleId :

MW-35

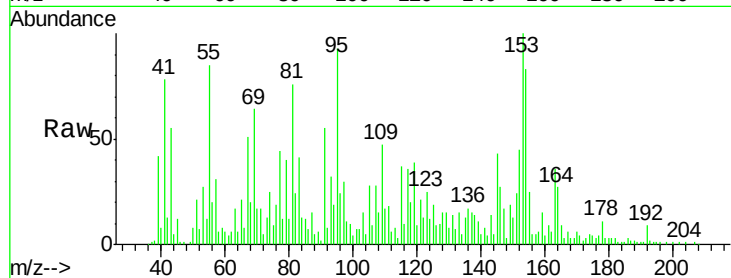
Tot Ion:154 Resp: 43053

Ion Ratio Lower Upper

154 100

153 120.9 91.2 136.8

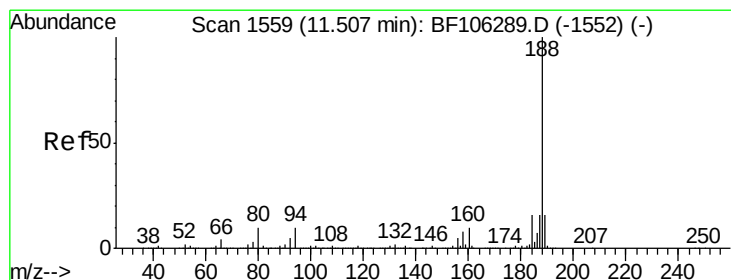
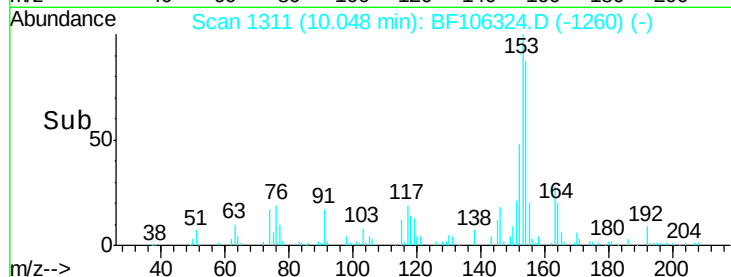
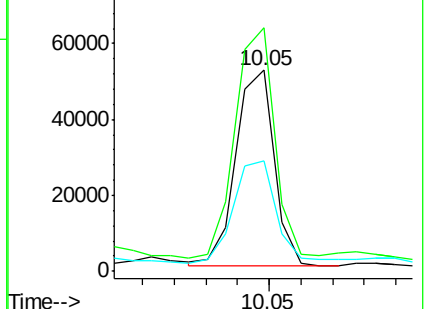
152 54.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF106324.D

Acq: 12 Jun 2018 5:31

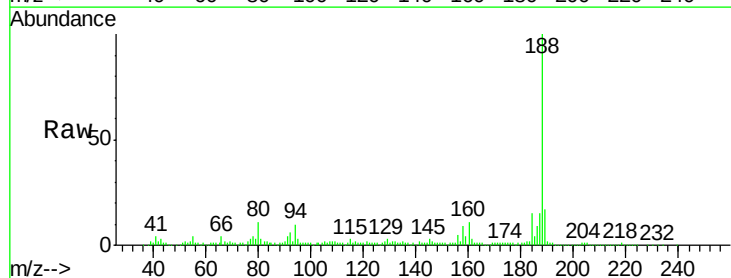
Tgt Ion:188 Resp: 513808

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

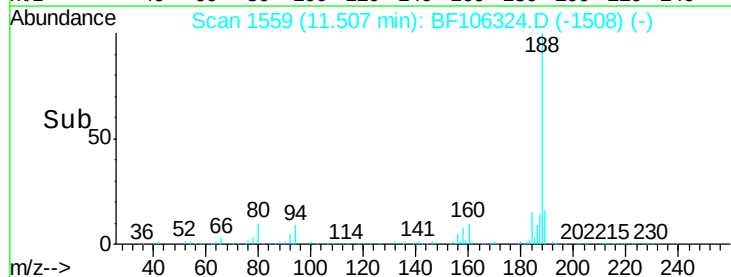
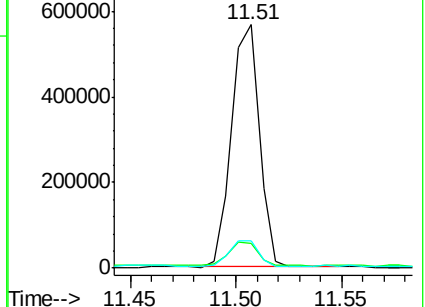
80 11.2 9.2 13.8

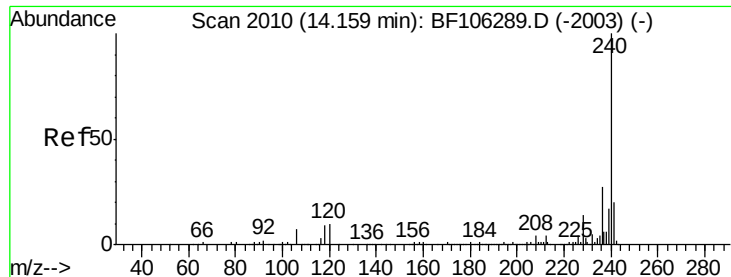


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106324.D

Acq: 12 Jun 2018 5:31

Instrument :

BNA_F

ClientSampleId :

MW-35

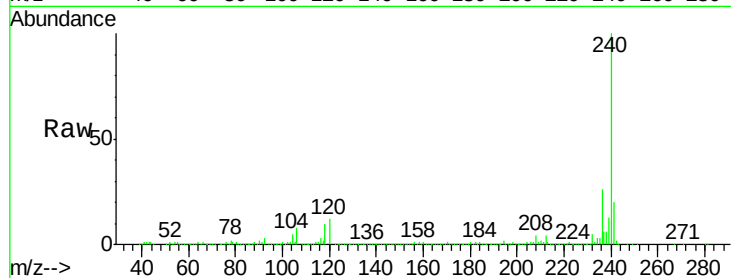
Tot Ion:240 Resp: 502487

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

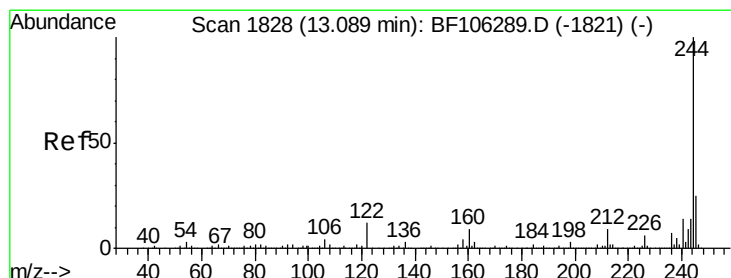
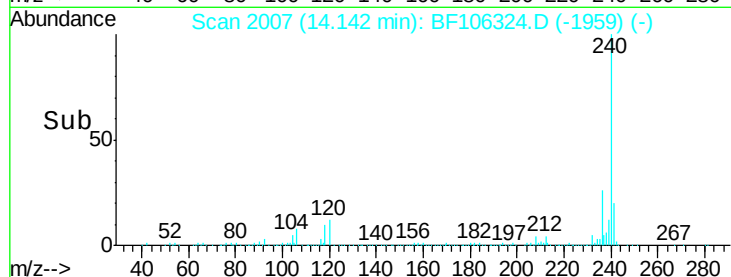
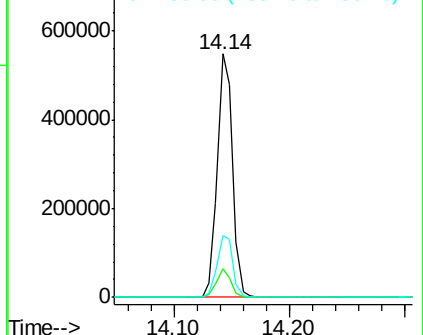
236 25.6 20.7 31.1



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: 78.883 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106324.D

Acq: 12 Jun 2018 5:31

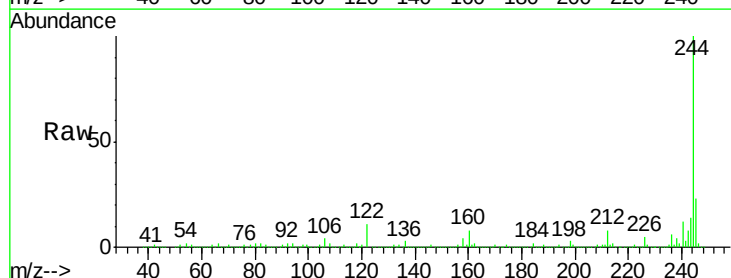
Tgt Ion:244 Resp: 1595865

Ion Ratio Lower Upper

244 100

212 8.2 5.4 8.0#

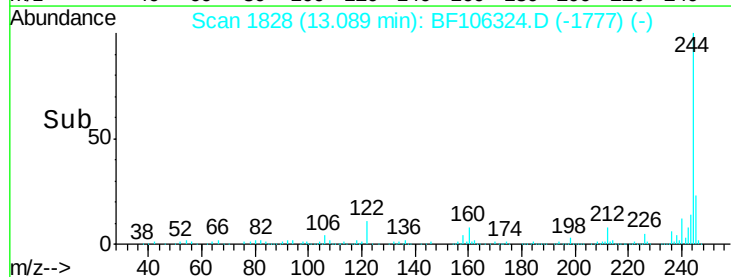
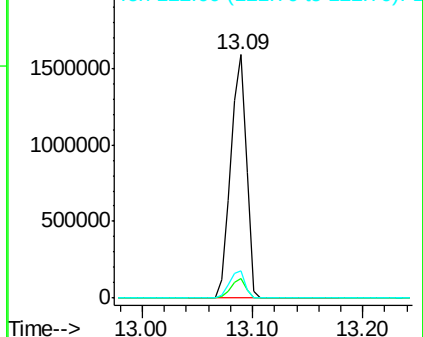
122 11.2 11.0 16.4

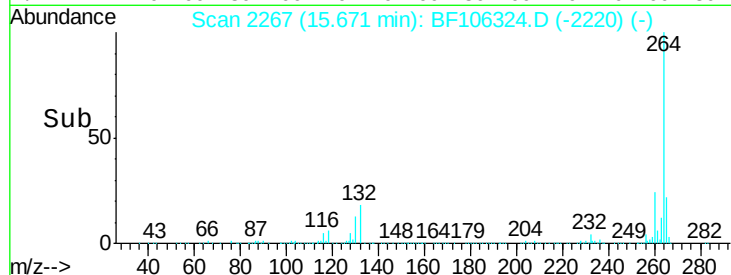
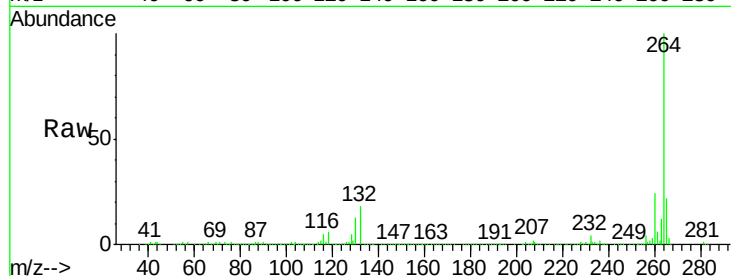
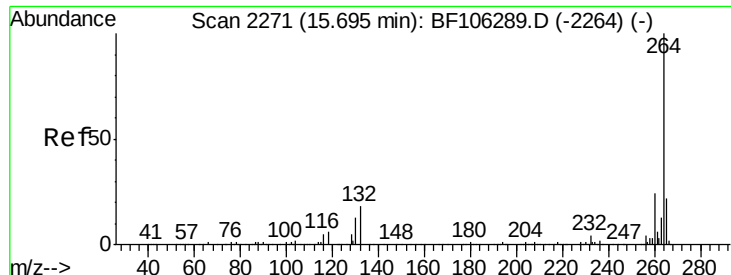


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF106324.D
 Acq: 12 Jun 2018 5:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-35

Tot Ion:	264	Resp:	423675
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3

