

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102958.D
 Acq On : 13 Feb 2018 13:42
 Operator : SJ/JU
 Sample : J1518-02DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4ADL

Quant Time: Feb 14 00:45:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

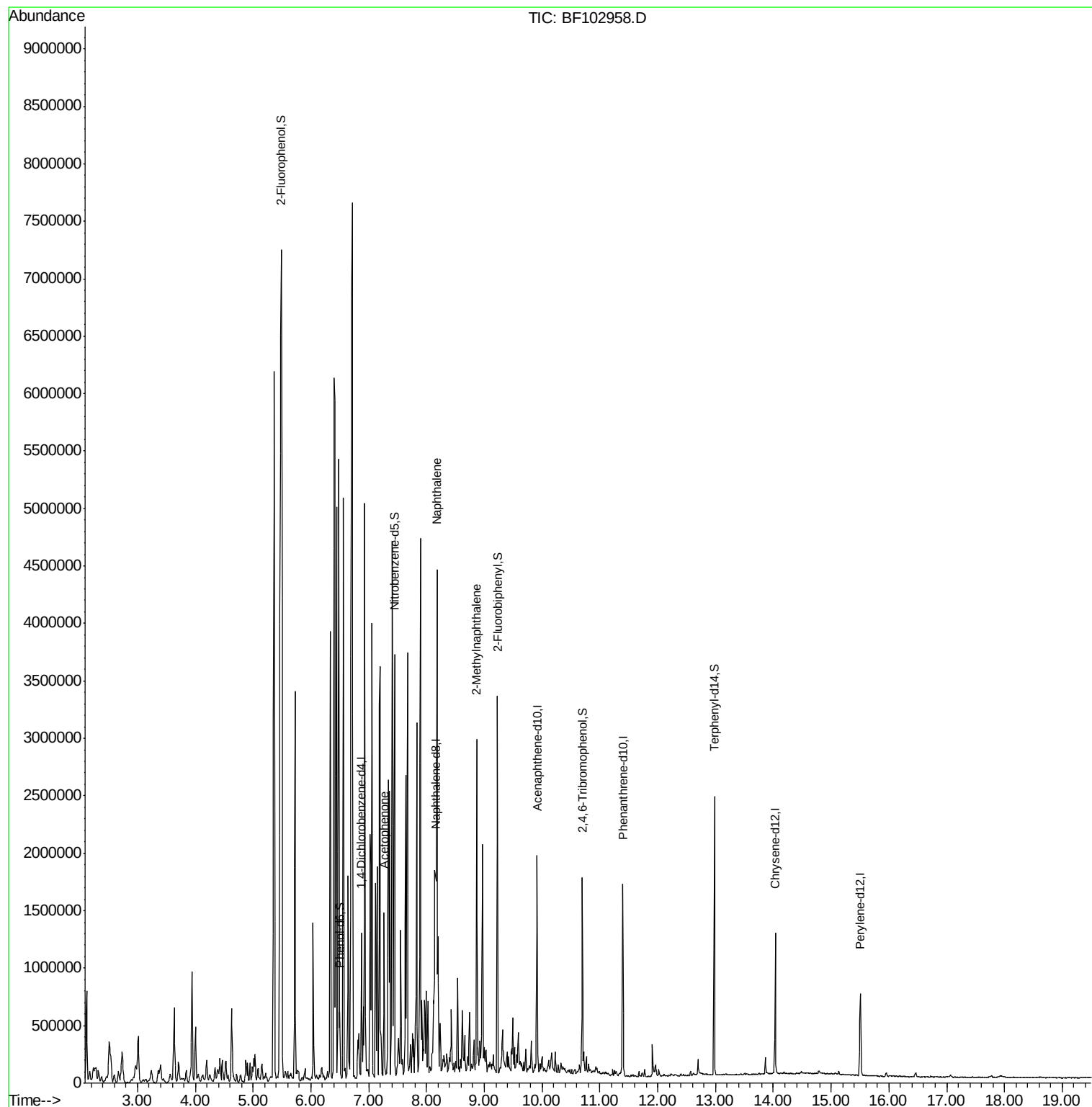
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	162647	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	680464	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	332292	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	577327	20.00	ng	0.00
75) Chrysene-d12	14.03	240	378139	20.00	ng	0.00
86) Perylene-d12	15.50	264	299403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	128238	11.97	ng	0.00
7) Phenol-d6	6.50	99	202274	15.69	ng	0.00
23) Nitrobenzene-d5	7.44	82	467750	47.69	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	166295	62.18	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	926724	46.28	ng	-0.01
78) Terphenyl-d14	12.98	244	826159	51.73	ng	0.00
Target Compounds						
22) Acetophenone	7.26	105	499843	30.018	ng	Qvalue # 58
31) Naphthalene	8.18	128	1877094	56.461	ng	98
37) 2-Methylnaphthalene	8.87	142	695961	31.974	ng	99

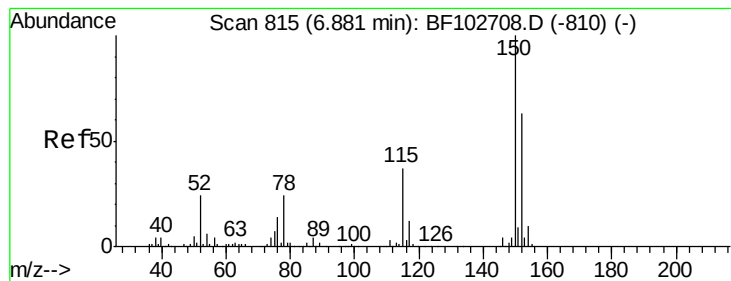
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102958.D
Acq On : 13 Feb 2018 13:42
Operator : SJ/JU
Sample : J1518-02DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4ADL

Quant Time: Feb 14 00:45:05 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration



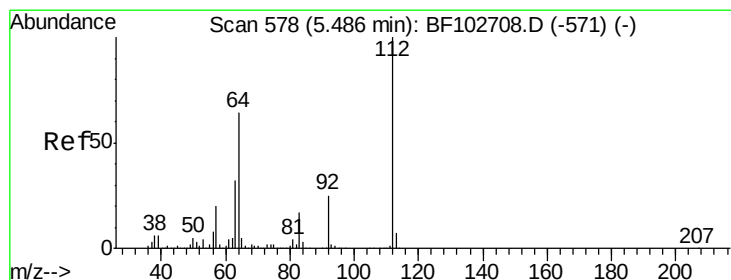
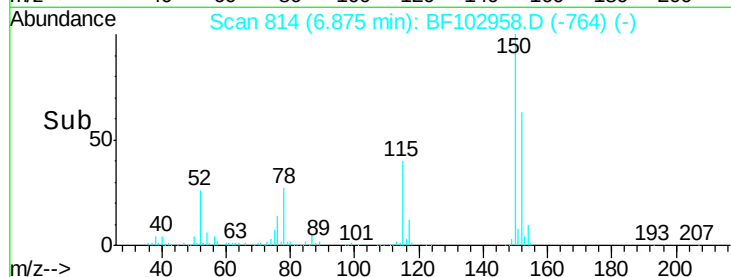
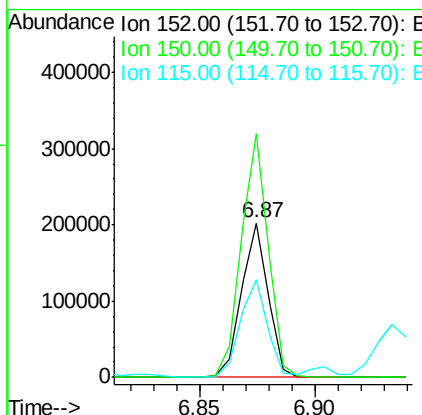
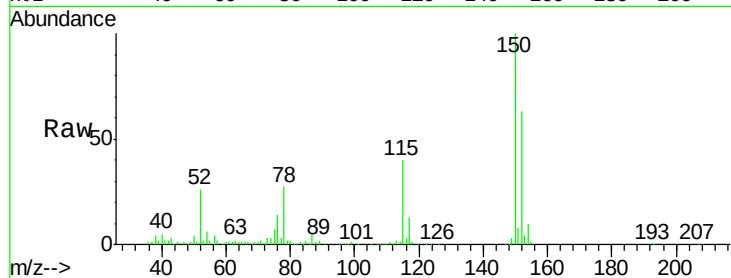


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

Instrument :
BNA_F
ClientSampleId :
MW-4ADL

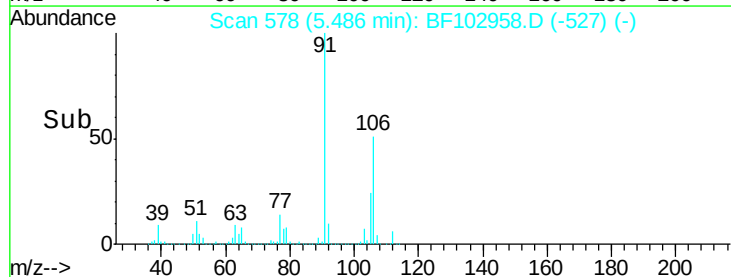
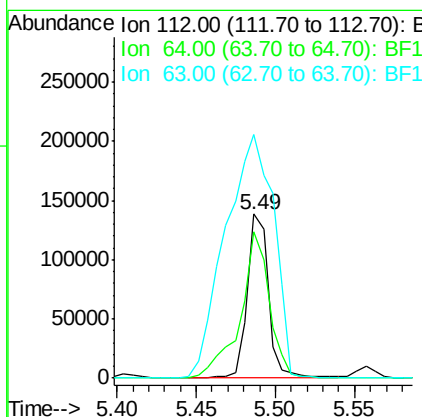
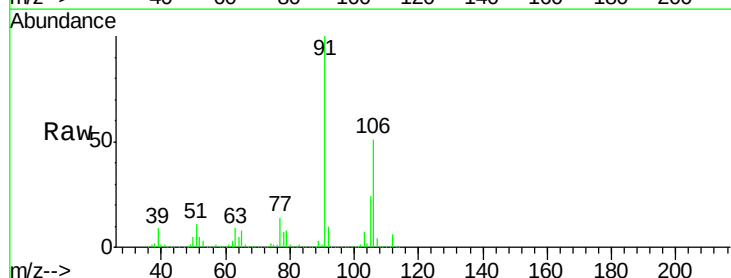
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	63.6	50.1	75.1

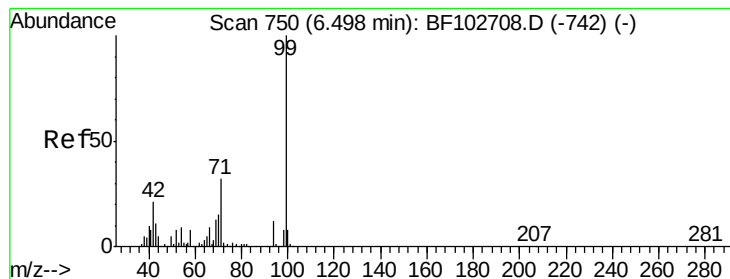


#5

2-Fluorophenol
Concen: 11.974 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	89.0	47.9	71.9#
63	148.4	23.7	35.5#





#7

Phenol-d6

Concen: 15.686 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF102958.D

Acq: 13 Feb 2018 13:42

Instrument :

BNA_F

ClientSampleId :

MW-4ADL

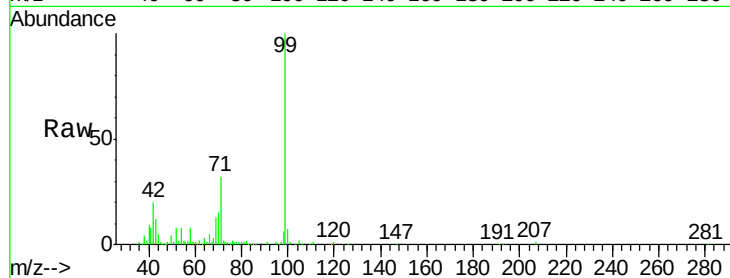
Tot Ion: 99 Resp: 202274

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

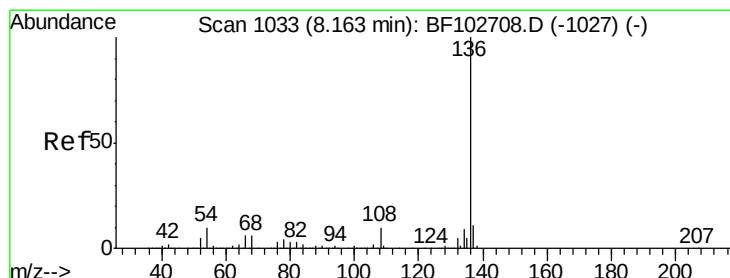
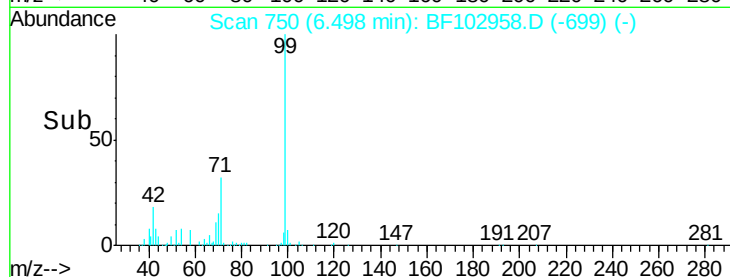
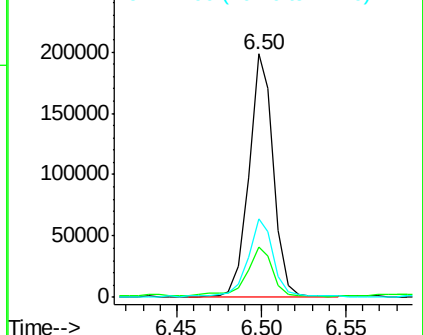
71 32.0 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF102958.D

Acq: 13 Feb 2018 13:42

Tgt Ion: 136 Resp: 680464

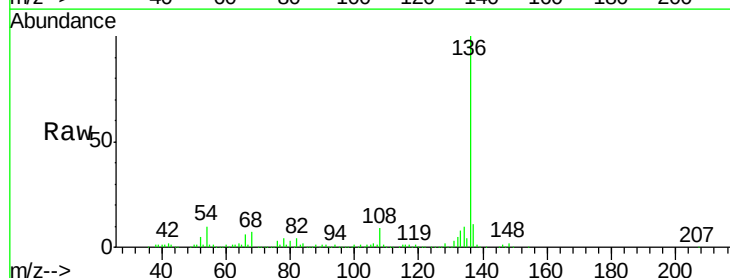
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.9 6.6 9.8#

68 6.6 5.0 7.4

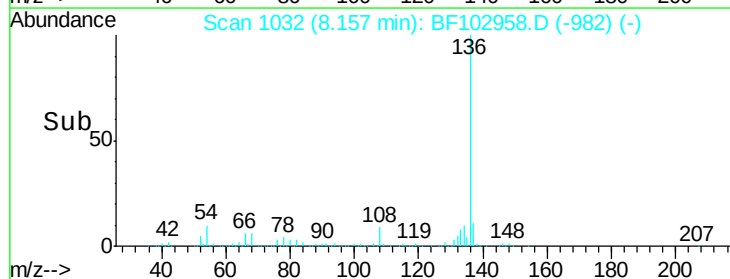
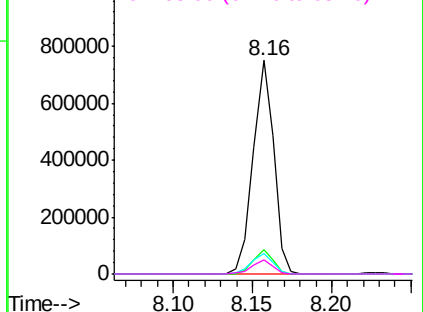


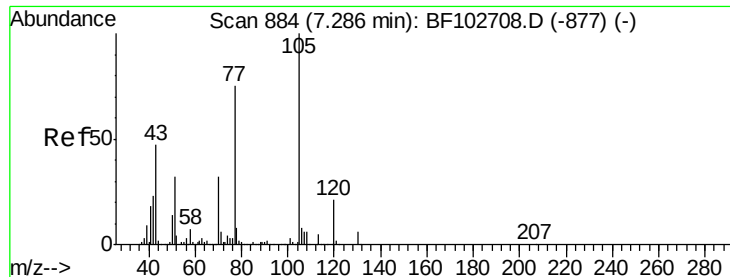
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 30.018 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF102958.D

Acq: 13 Feb 2018 13:42

Instrument :

BNA_F

ClientSampleId :

MW-4ADL

Tot Ion:105 Resp: 499843

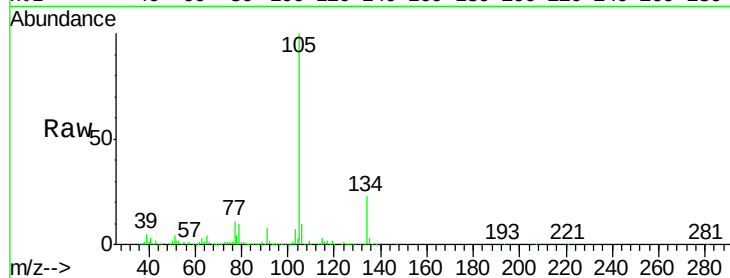
Ion Ratio Lower Upper

105 100

71 0.1 4.4 6.6#

51 4.5 22.3 33.5#

120 0.4 16.9 25.3#

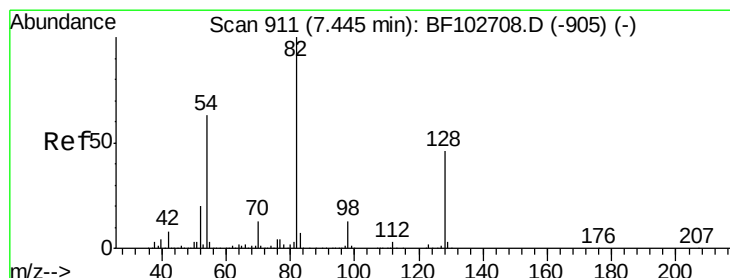
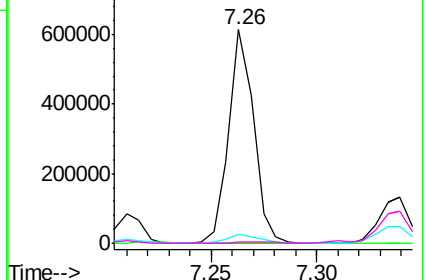
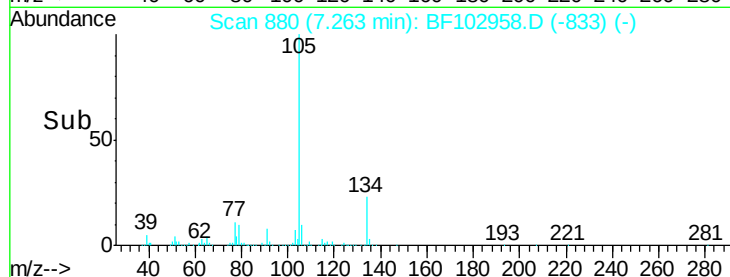


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 47.685 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF102958.D

Acq: 13 Feb 2018 13:42

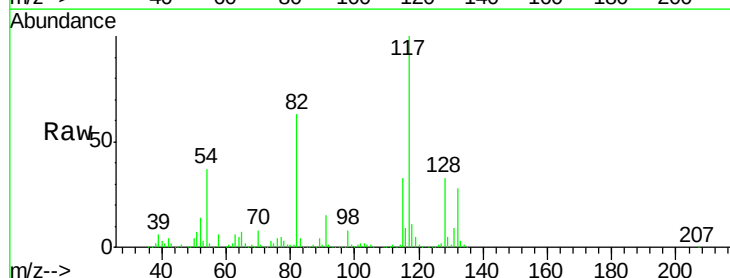
Tgt Ion: 82 Resp: 467750

Ion Ratio Lower Upper

82 100

128 51.7 36.1 54.1

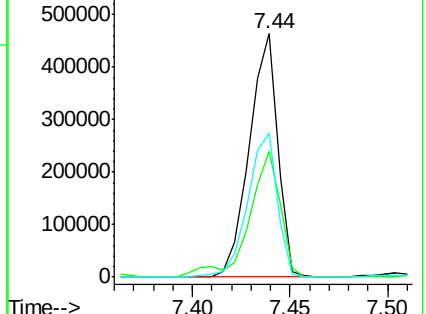
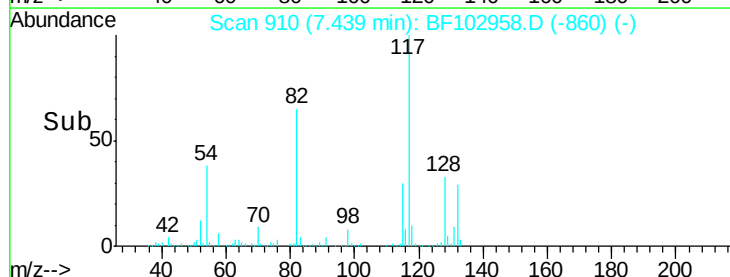
54 58.9 41.4 62.2

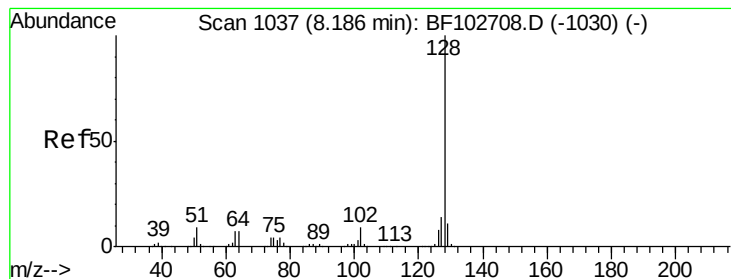


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 56.461 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF102958.D

Acq: 13 Feb 2018 13:42

Instrument :

BNA_F

ClientSampleID :

MW-4ADL

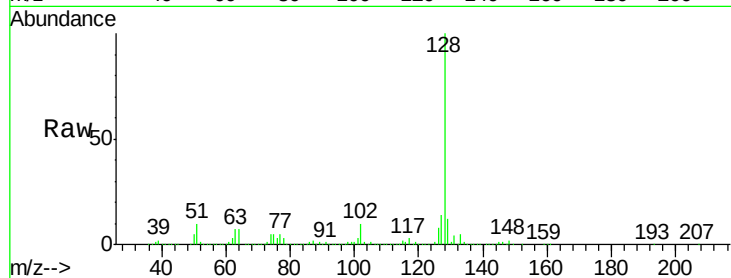
Tot Ion:128 Resp: 1877094

Ion Ratio Lower Upper

128 100

129 12.1 8.8 13.2

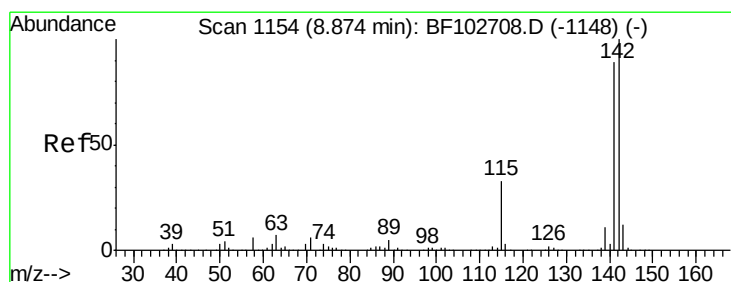
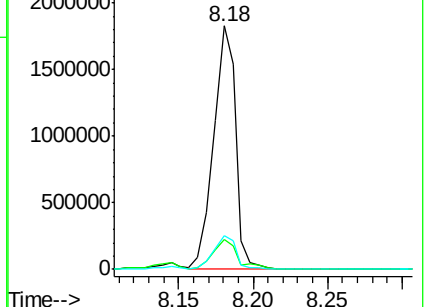
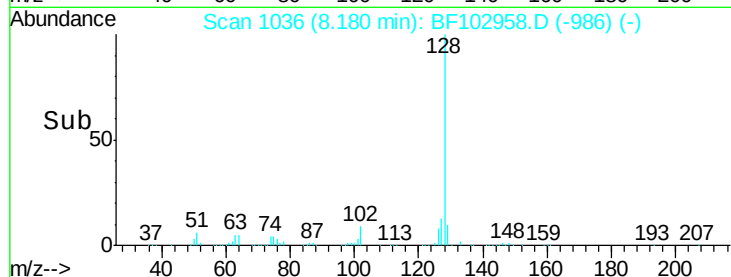
127 14.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 31.974 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF102958.D

Acq: 13 Feb 2018 13:42

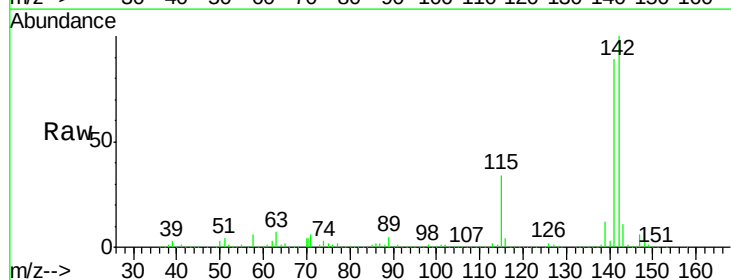
Tgt Ion:142 Resp: 695961

Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2

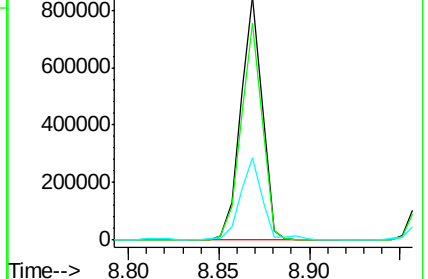
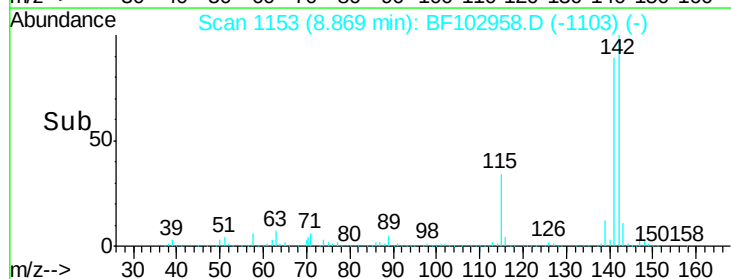
115 33.8 26.1 39.1

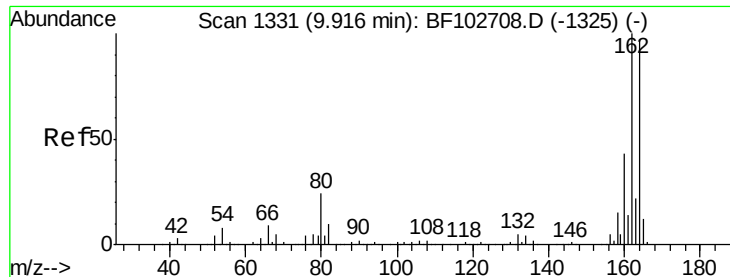


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

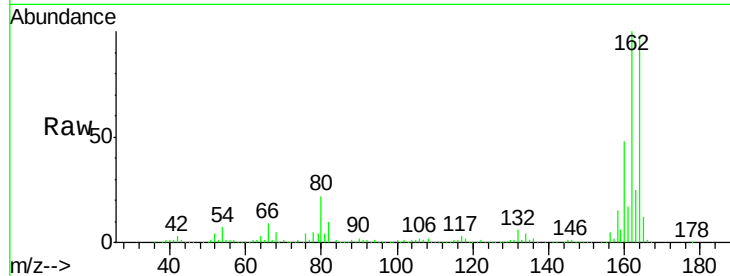




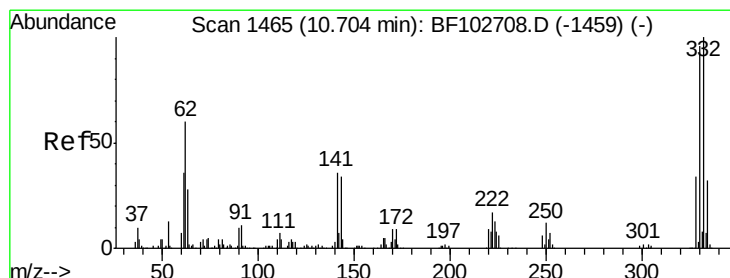
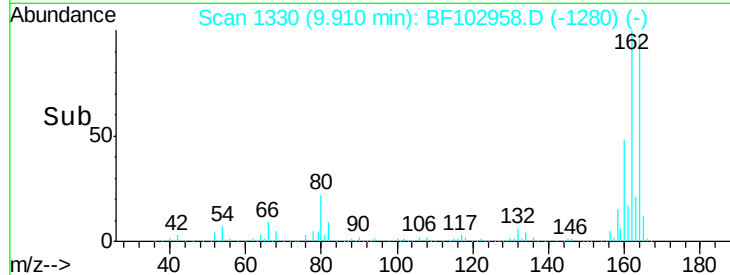
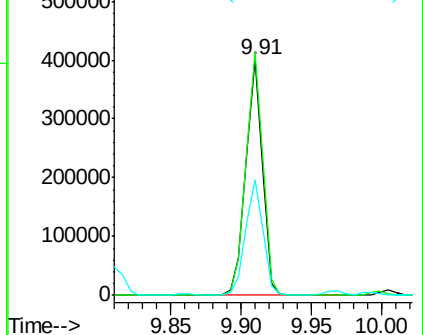
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

Instrument :
BNA_F
ClientSampleId :
MW-4ADL

Tot Ion:164 Resp: 332292
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 49.3 38.3 57.5

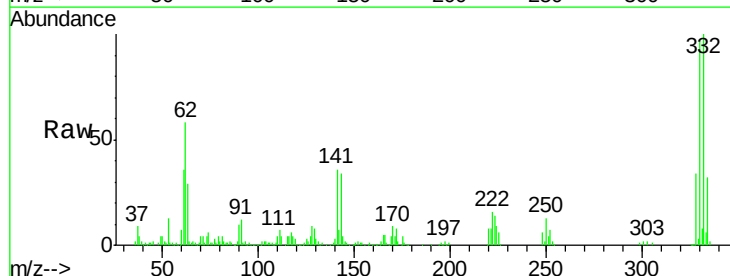


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

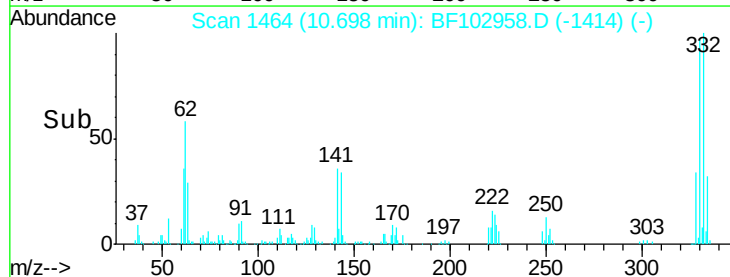
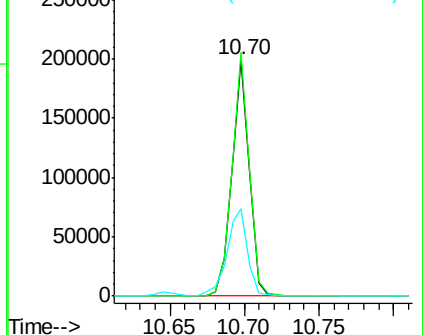


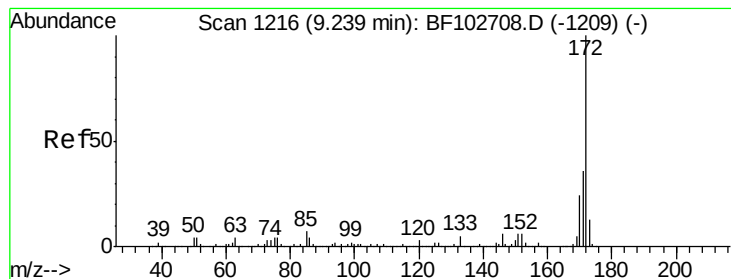
#41
2,4,6-Tribromophenol
Concen: 62.177 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

Tgt Ion:330 Resp: 166295
Ion Ratio Lower Upper
330 100
332 101.9 77.0 115.6
141 44.2 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: 46.277 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF102958.D

Acq: 13 Feb 2018 13:42

Instrument :

BNA_F

ClientSampleId :

MW-4ADL

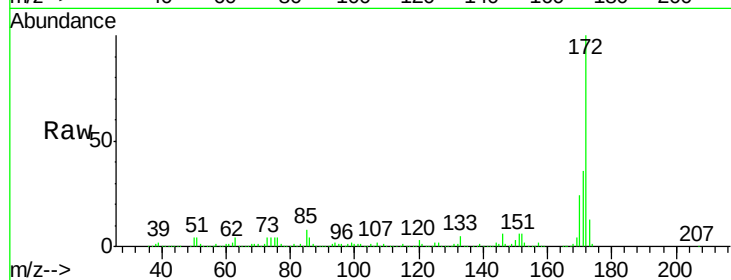
Tot Ion:172 Resp: 926724

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

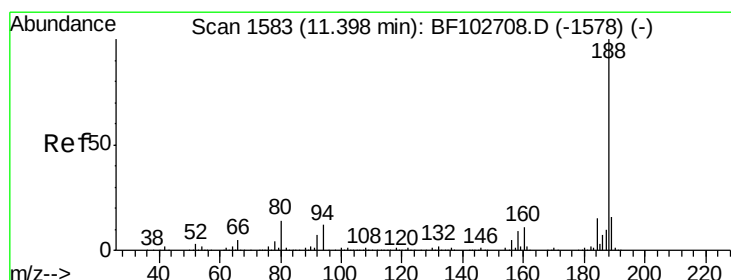
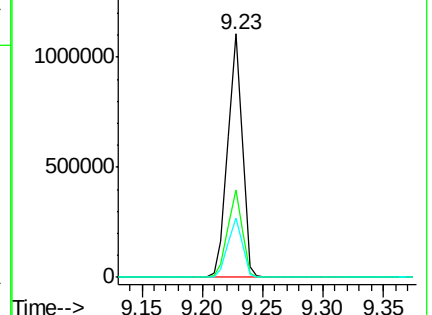
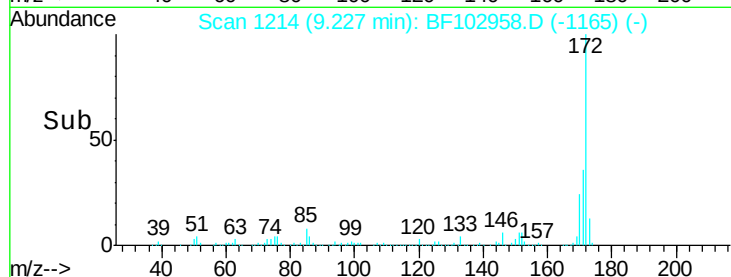
170 24.5 19.6 29.4



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF102958.D

Acq: 13 Feb 2018 13:42

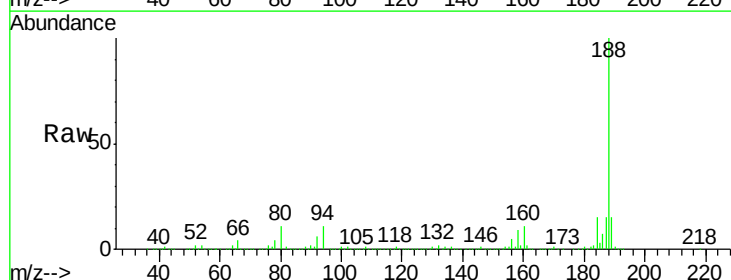
Tgt Ion:188 Resp: 577327

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

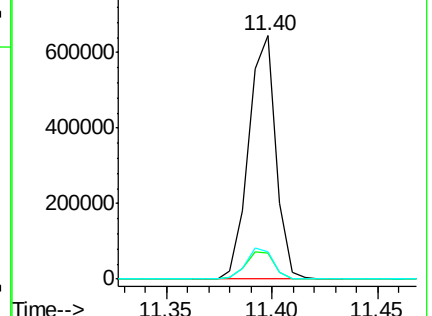
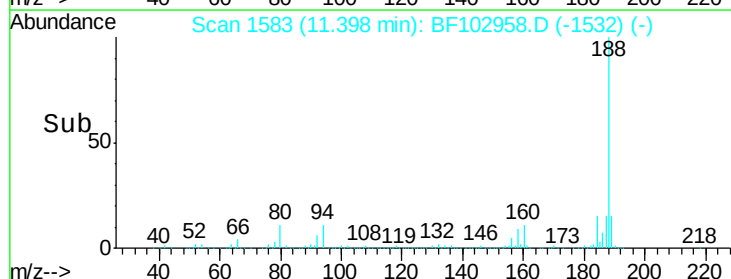
80 11.2 9.2 13.8

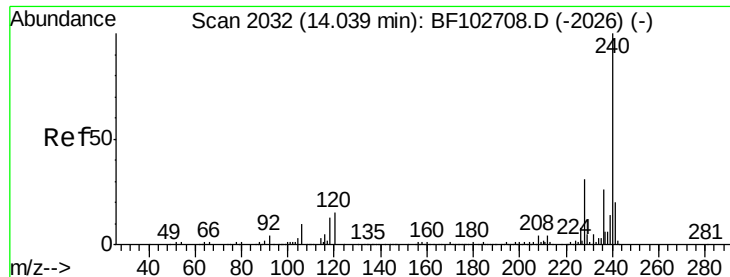


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF102958.D

Acq: 13 Feb 2018 13:42

Instrument :

BNA_F

ClientSampleID :

MW-4ADL

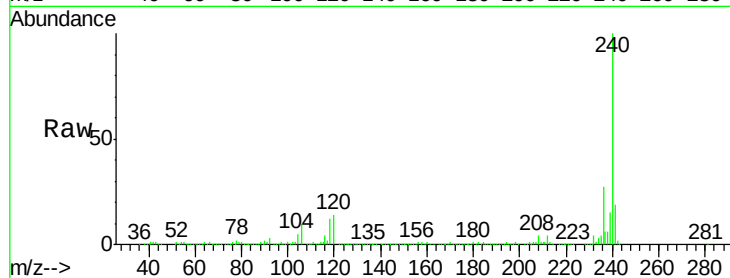
Tot Ion:240 Resp: 378139

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

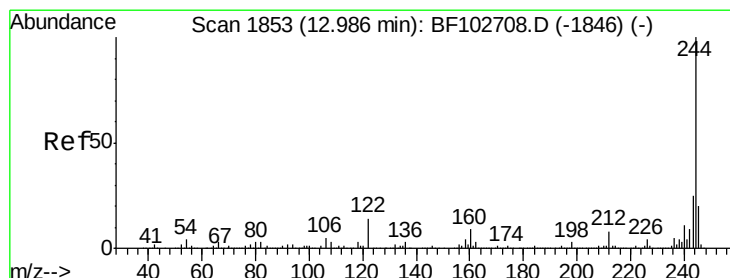
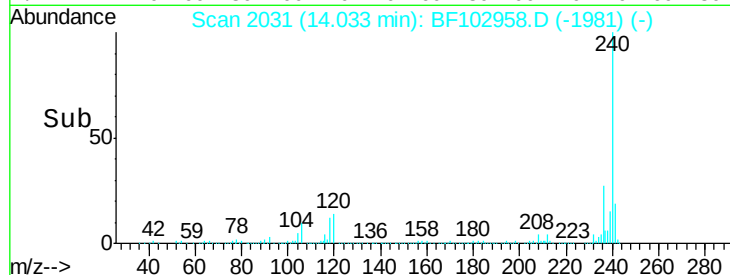
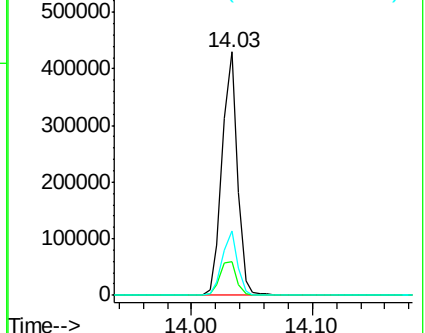
236 26.5 20.7 31.1



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: 51.731 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF102958.D

Acq: 13 Feb 2018 13:42

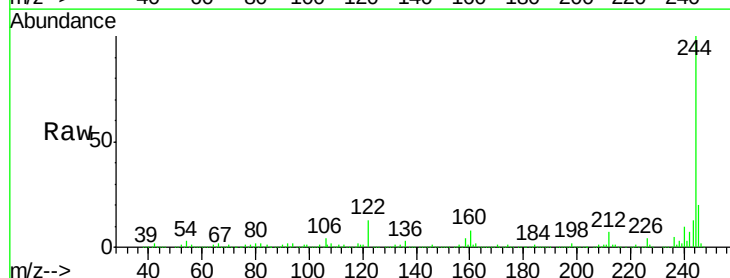
Tgt Ion:244 Resp: 826159

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

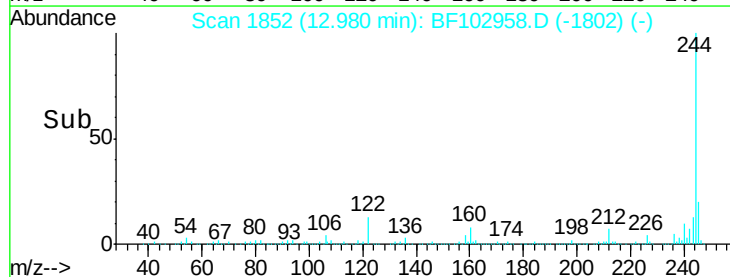
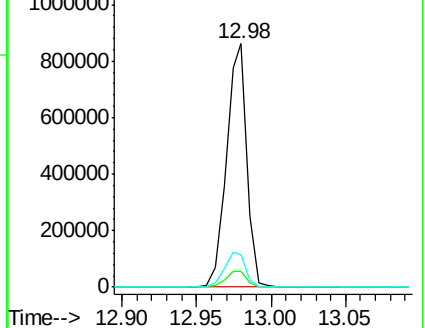
122 13.4 11.0 16.4

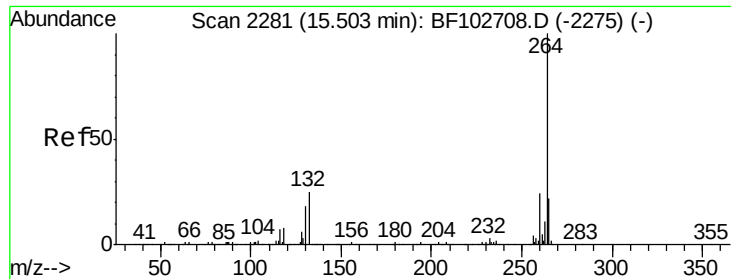


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlone-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF102958.D
Acq: 13 Feb 2018 13:42

Instrument :
BNA_F
ClientSampleId :
MW-4ADL

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	21.5	17.5	26.3

