

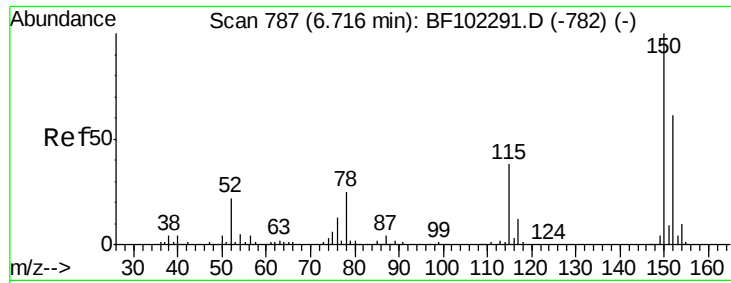
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020118\
 Data File : BF102688.D
 Acq On : 1 Feb 2018 16:11
 Operator : SJ/JU
 Sample : J1405-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-03(6-WATERLINE-BOTTOM@6)

Quant Time: Feb 02 00:49:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	150857	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	622077	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	286505	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	503389	20.00	ng	0.00
75) Chrysene-d12	13.86	240	399511	20.00	ng	0.00
86) Perylene-d12	15.29	264	312250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	950179	95.50	ng	0.02
7) Phenol-d6	6.37	99	1166908	97.28	ng	0.02
23) Nitrobenzene-d5	7.27	82	679716	62.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	240541	84.73	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1125500	57.76	ng	0.00
78) Terphenyl-d14	12.80	244	1084782	61.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	116577	4.923	ng	Qvalue 99

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

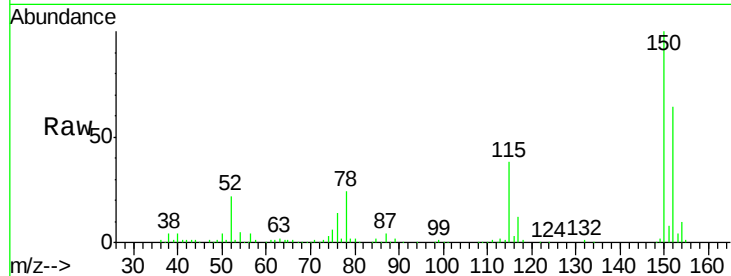


#1

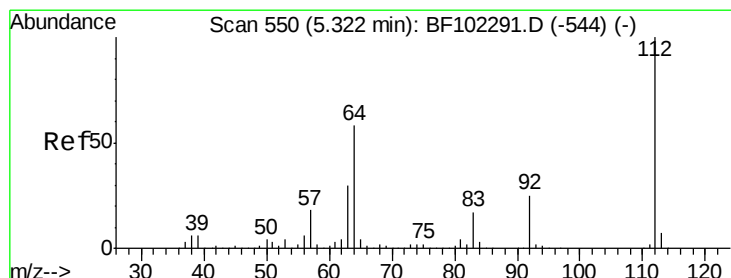
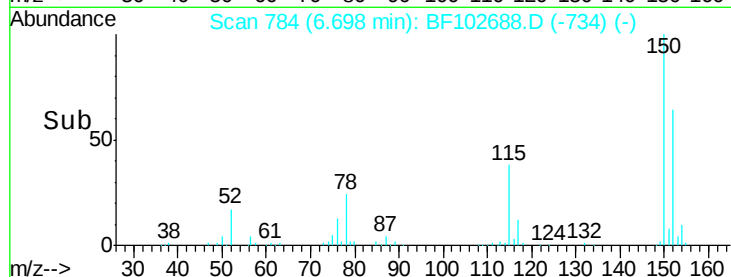
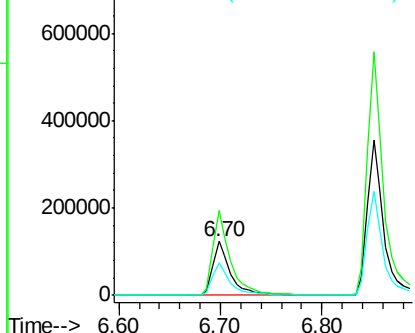
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF102688.D
 Acq: 1 Feb 2018 16:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion:152 Resp: 150857
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 60.1 50.1 75.1



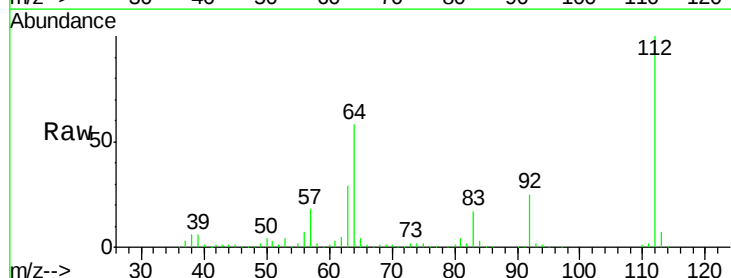
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



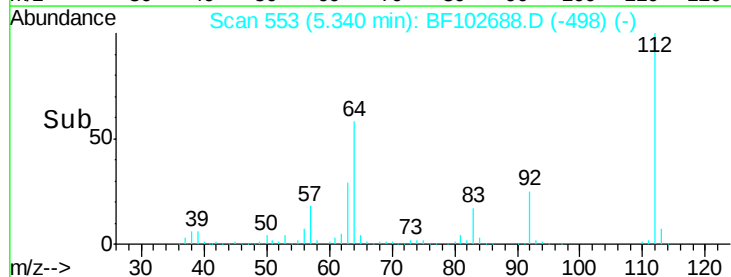
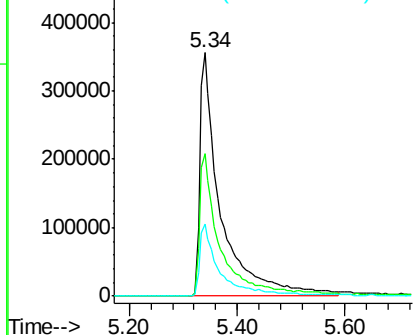
#5

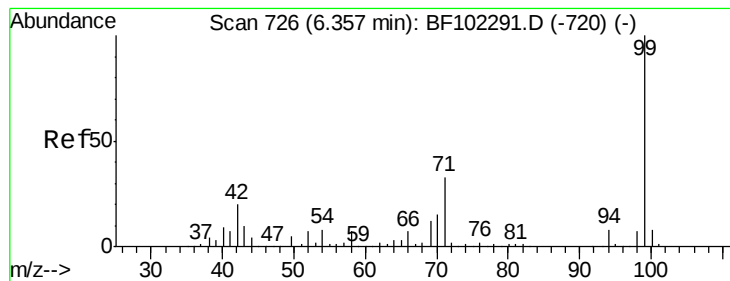
2-Fluorophenol
 Concen: 95.502 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF102688.D
 Acq: 1 Feb 2018 16:11

Tgt Ion:112 Resp: 950179
 Ion Ratio Lower Upper
 112 100
 64 58.4 47.9 71.9
 63 29.5 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: 97.285 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.02 min

Lab File: BF102688.D

Acq: 1 Feb 2018 16:11

Instrument :

BNA_F

ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

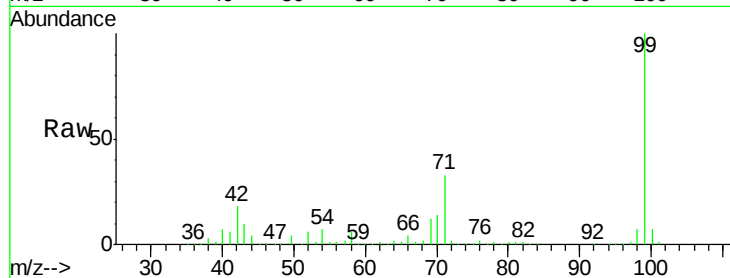
Tot Ion: 99 Resp: 1166908

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

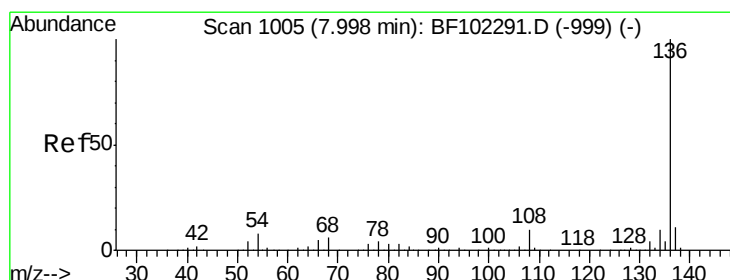
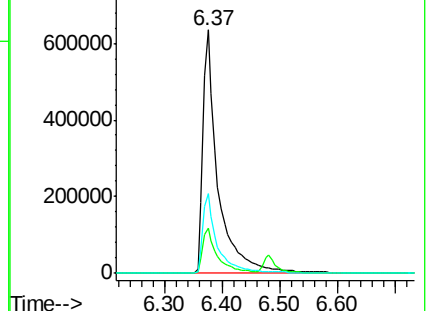
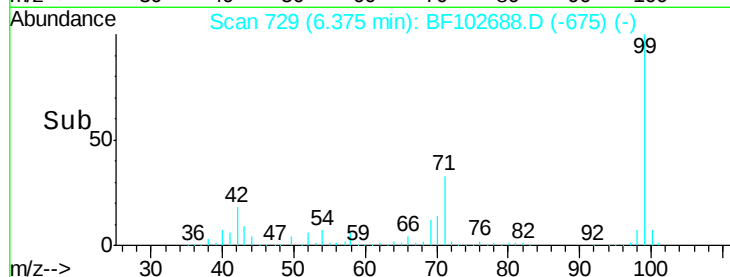
71 32.8 25.4 38.0



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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF102688.D

Acq: 1 Feb 2018 16:11

Tgt Ion: 136 Resp: 622077

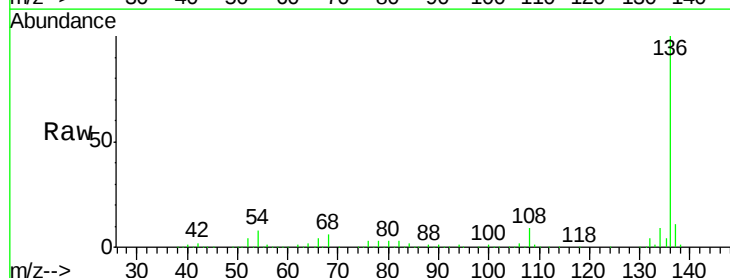
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.9 6.6 9.8

68 5.6 5.0 7.4

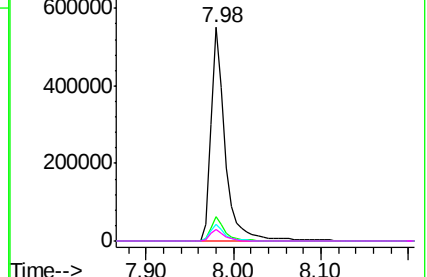
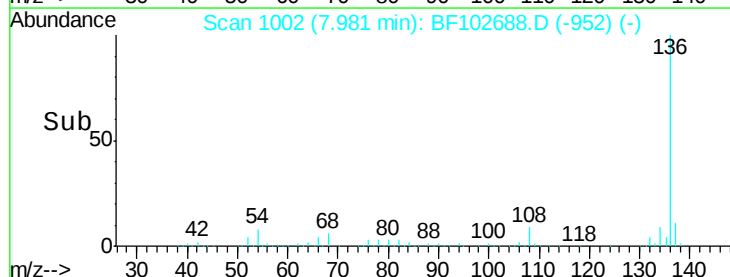


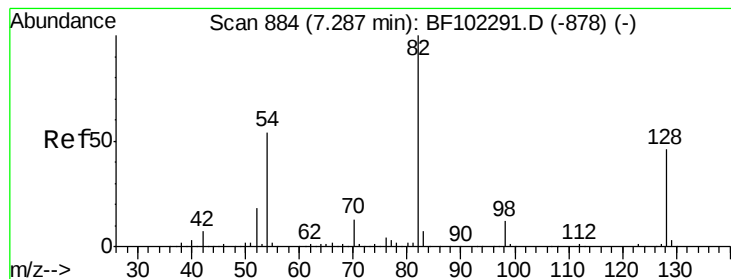
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 62.792 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF102688.D

Acq: 1 Feb 2018 16:11

Instrument :

BNA_F

ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

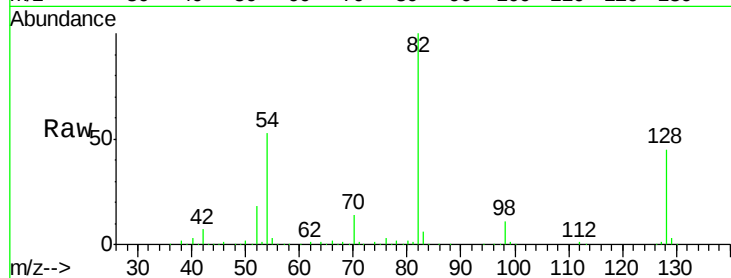
Tot Ion: 82 Resp: 679716

Ion Ratio Lower Upper

82 100

128 45.2 36.1 54.1

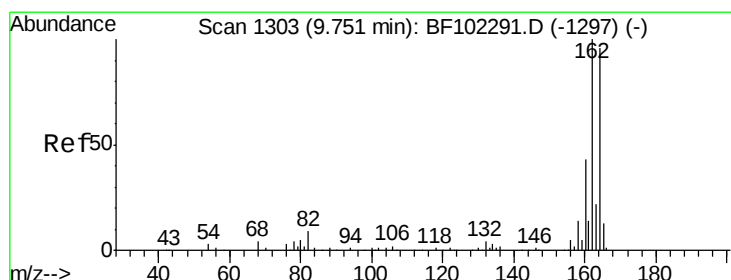
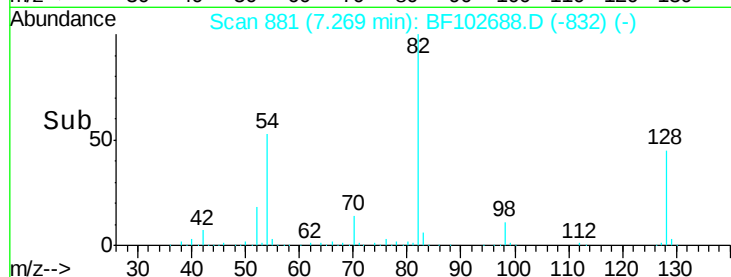
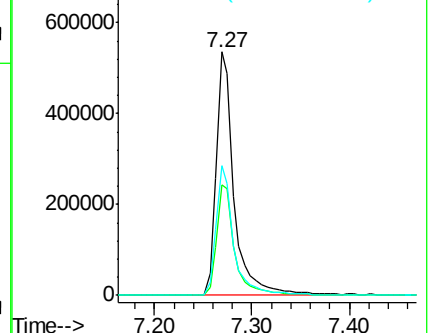
54 53.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF102688.D

Acq: 1 Feb 2018 16:11

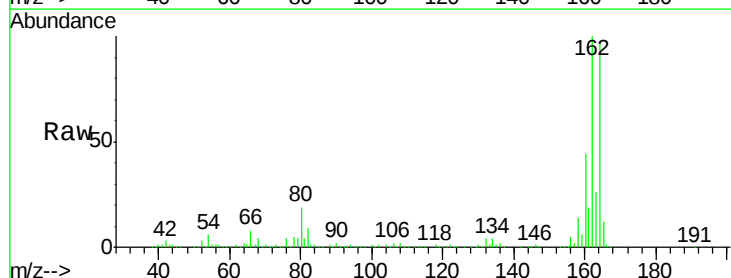
Tgt Ion:164 Resp: 286505

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

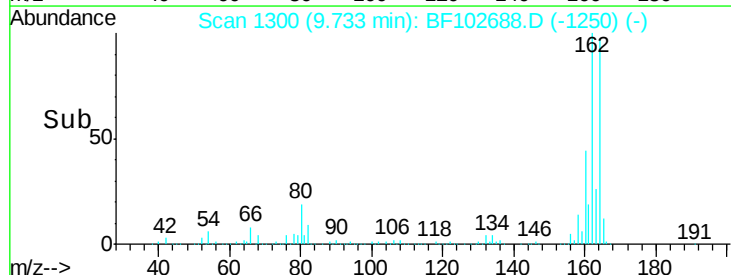
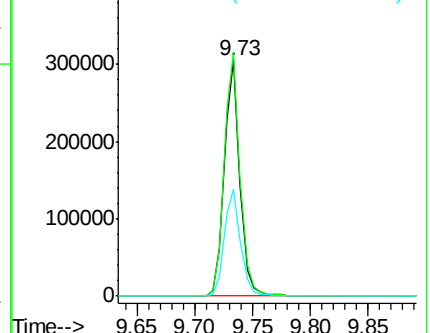
160 45.2 38.3 57.5

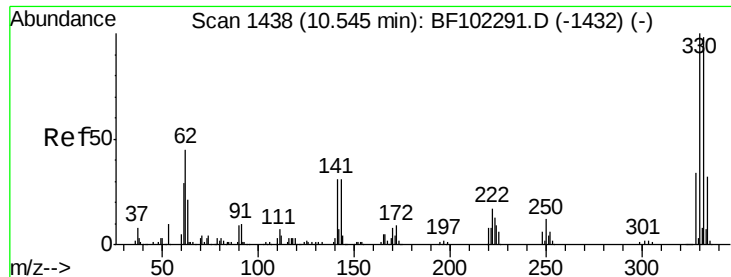


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 84.732 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF102688.D

Acq: 1 Feb 2018 16:11

Instrument :

BNA_F

ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

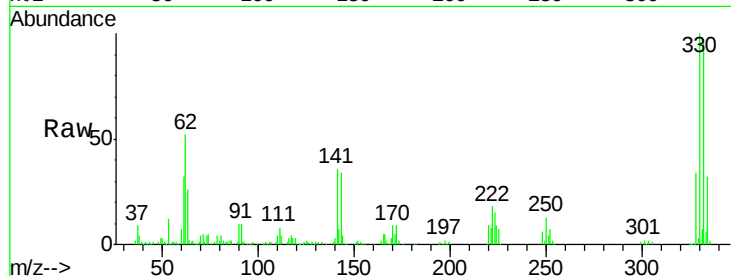
Tot Ion:330 Resp: 240541

Ion Ratio Lower Upper

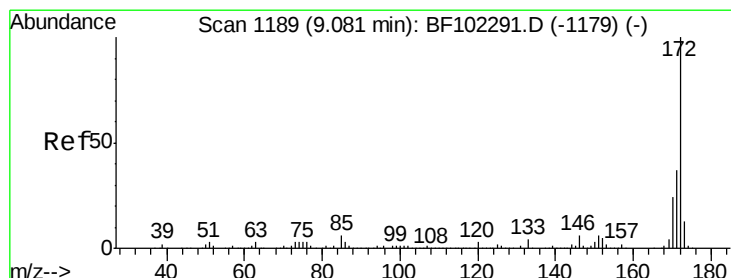
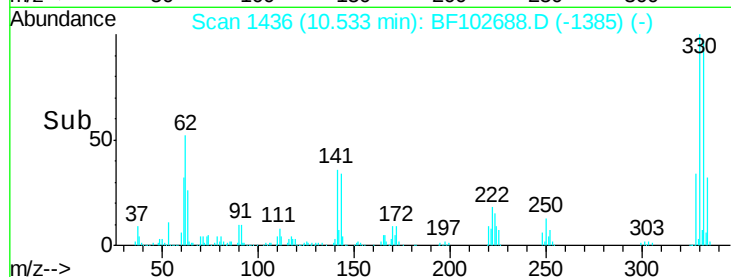
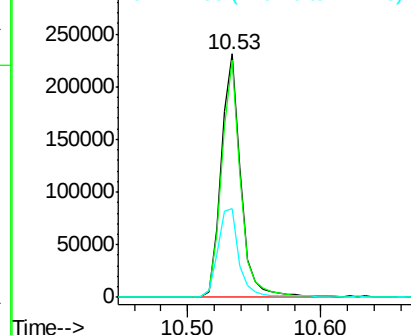
330 100

332 96.3 77.0 115.6

141 40.2 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: 57.761 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF102688.D

Acq: 1 Feb 2018 16:11

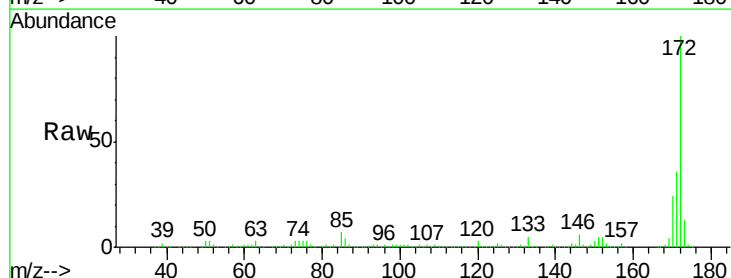
Tgt Ion:172 Resp: 1125500

Ion Ratio Lower Upper

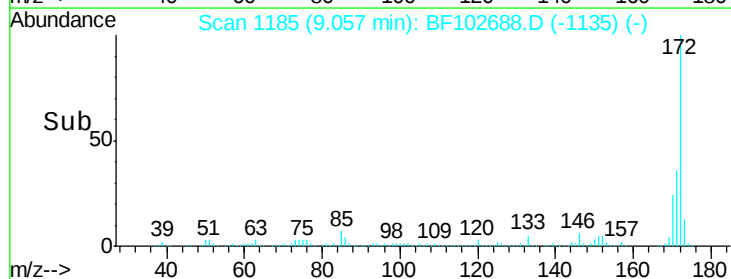
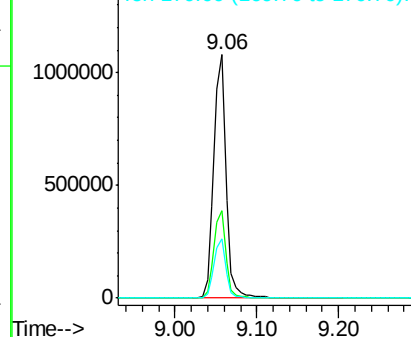
172 100

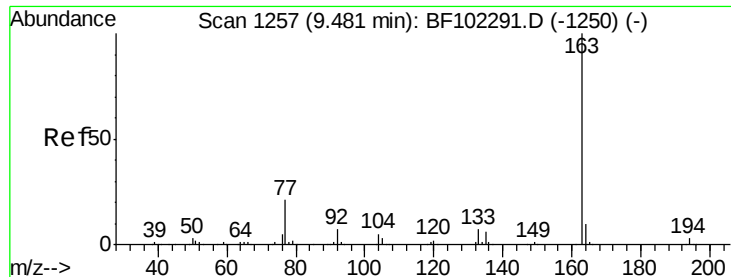
171 35.9 29.7 44.5

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: 4.923 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF102688.D

Acq: 1 Feb 2018 16:11

Instrument :

BNA_F

ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

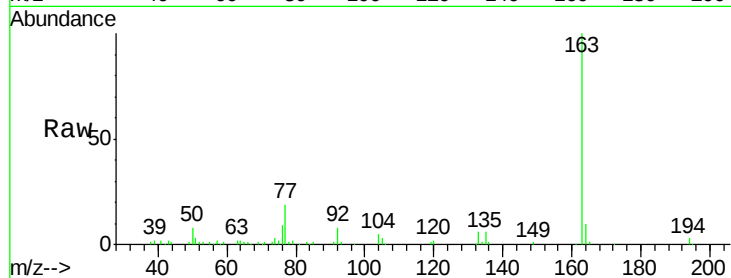
Tot Ion:163 Resp: 116577

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

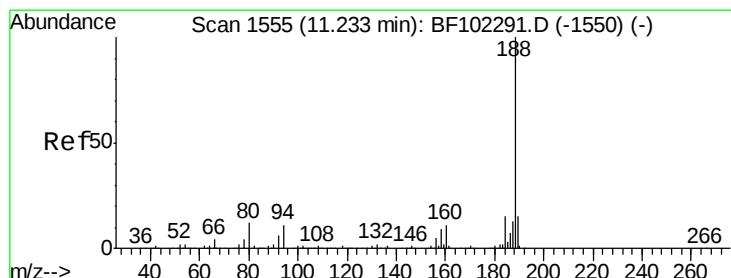
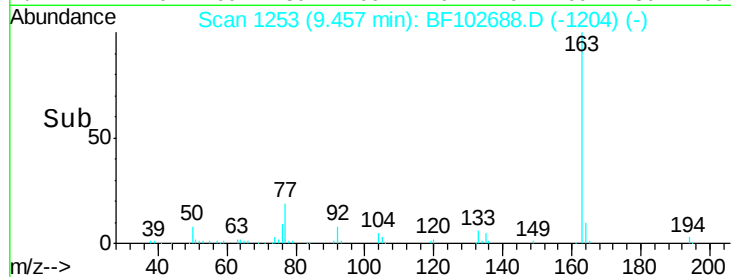
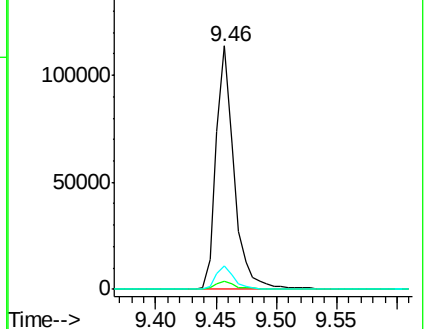
164 9.7 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF102688.D

Acq: 1 Feb 2018 16:11

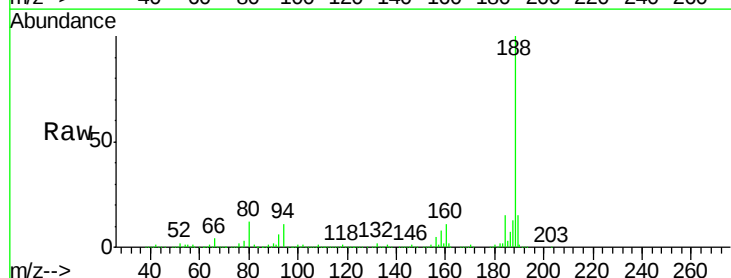
Tgt Ion:188 Resp: 503389

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

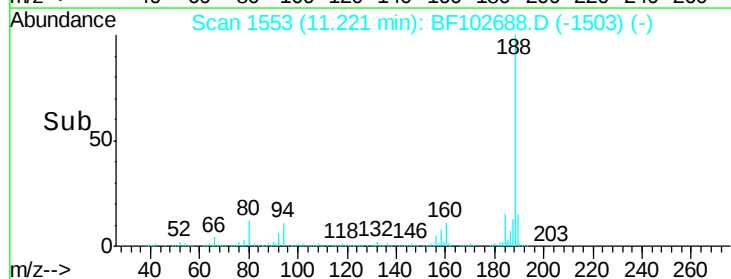
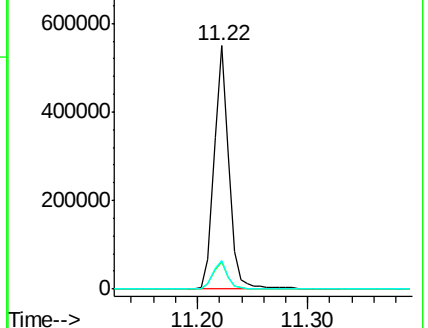
80 12.0 9.2 13.8

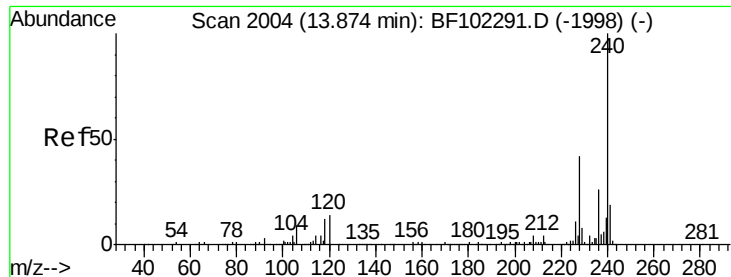


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102688.D

Acq: 1 Feb 2018 16:11

Instrument :

BNA_F

ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

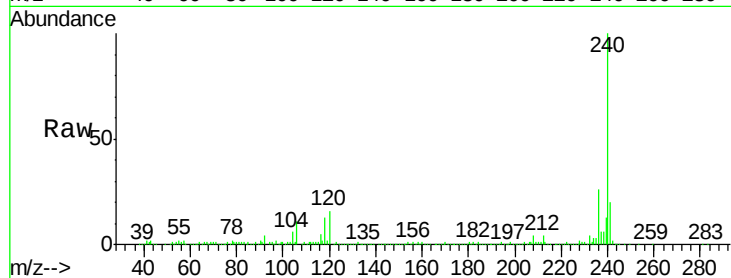
Tot Ion:240 Resp: 399511

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

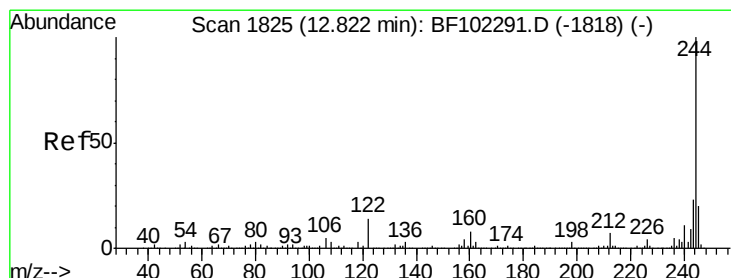
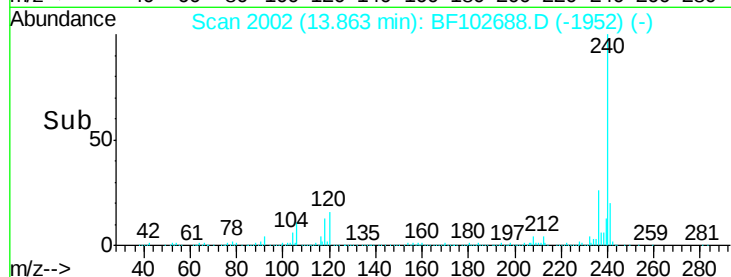
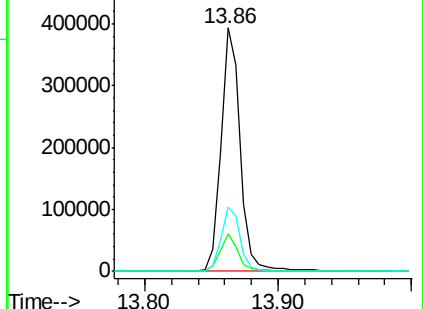
236 26.2 20.7 31.1



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: 61.212 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF102688.D

Acq: 1 Feb 2018 16:11

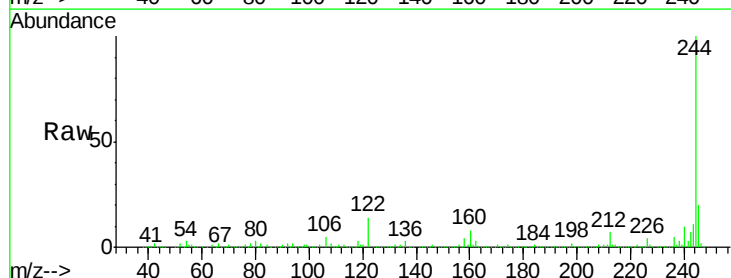
Tgt Ion:244 Resp: 1084782

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

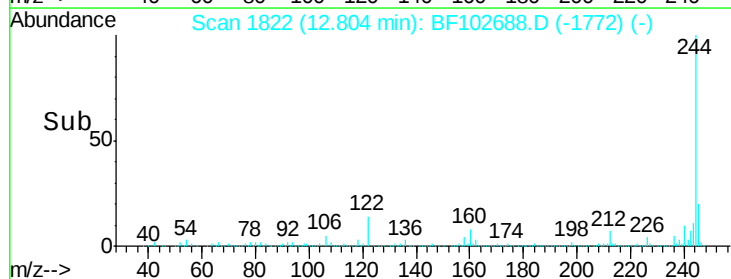
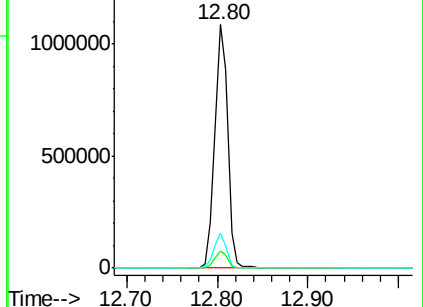
122 14.4 11.0 16.4

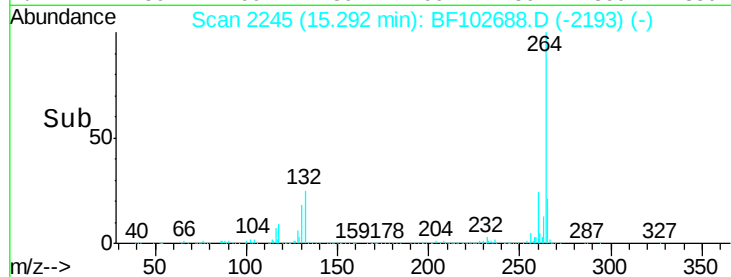
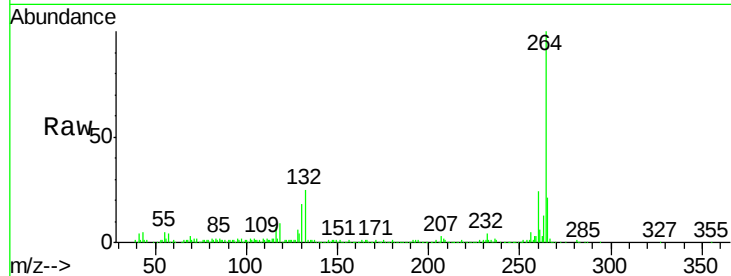
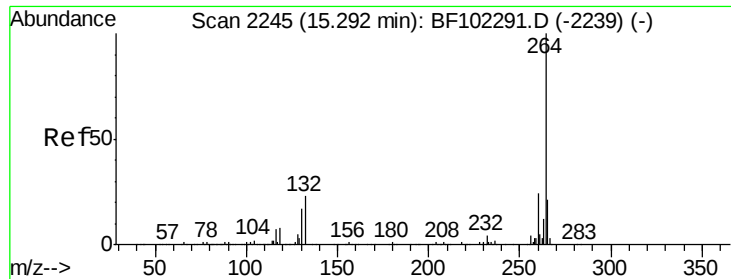


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF102688.D
Acq: 1 Feb 2018 16:11

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.9	17.5	26.3

