

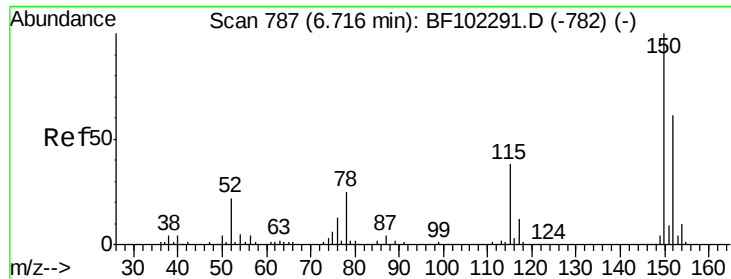
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102578.D
 Acq On : 29 Jan 2018 00:39
 Operator : SJ/JU
 Sample : J1343-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-6

Quant Time: Jan 29 06:13:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	162650	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	634981	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	225353	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	320468	20.00	ng	0.00
75) Chrysene-d12	13.88	240	313146	20.00	ng	0.00
86) Perylene-d12	15.31	264	224824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	548842	51.16	ng	0.00
7) Phenol-d6	6.36	99	411159	31.79	ng	0.00
23) Nitrobenzene-d5	7.29	82	821178	74.32	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	189855	85.03	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1352574	88.25	ng	0.00
78) Terphenyl-d14	12.82	244	865139	62.28	ng	0.00
Target Compounds						
10) Phenol	6.37	94	38473	2.725	ng	87
27) 2,4-Dimethylphenol	7.67	122	22743	2.632	ng	95
49) Dimethylphthalate	9.47	163	89169	4.787	ng	100

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

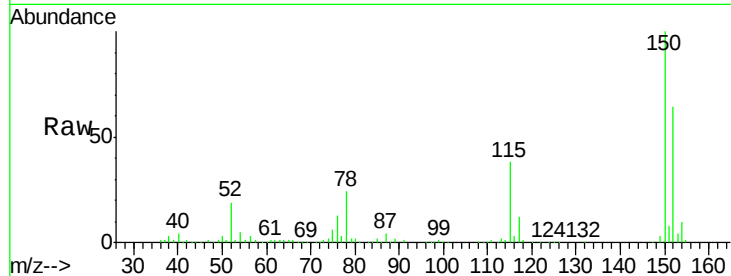


#1

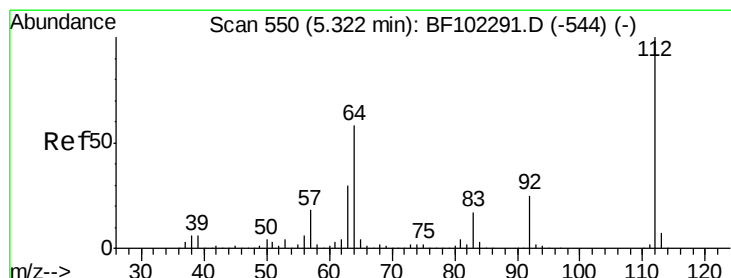
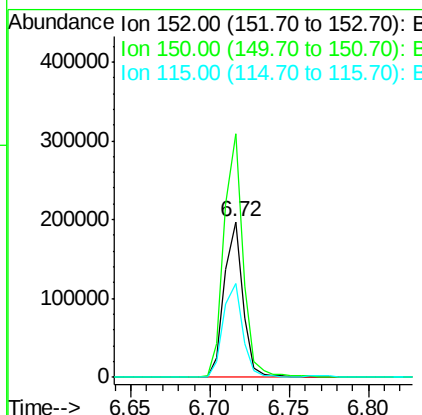
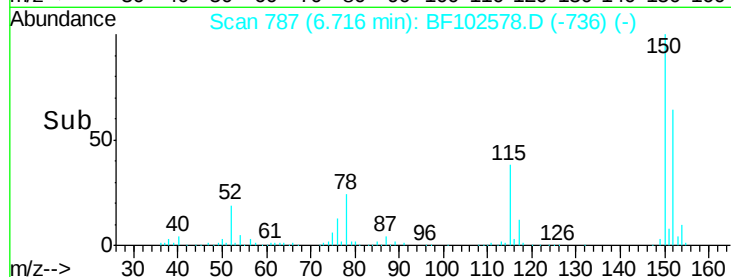
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102578.D
Acq: 29 Jan 2018 00:39

Instrument :
BNA_F
ClientSampleId :
MH-6

Tot Ion:152 Resp: 162650
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 60.0 50.1 75.1



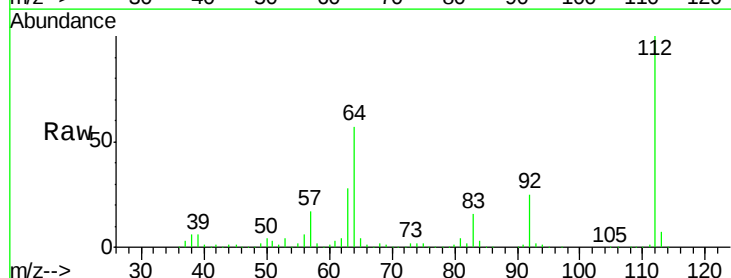
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



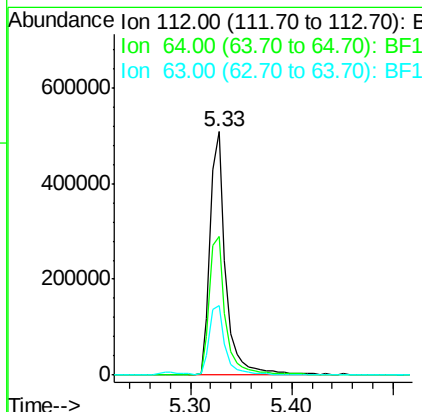
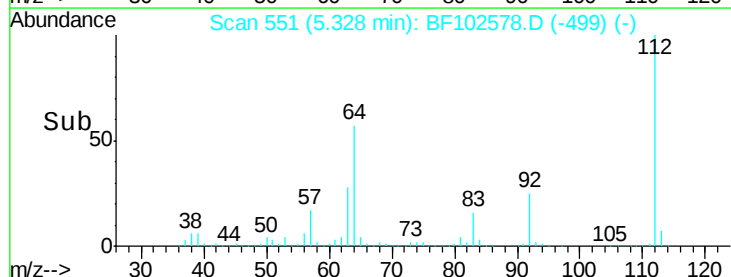
#5

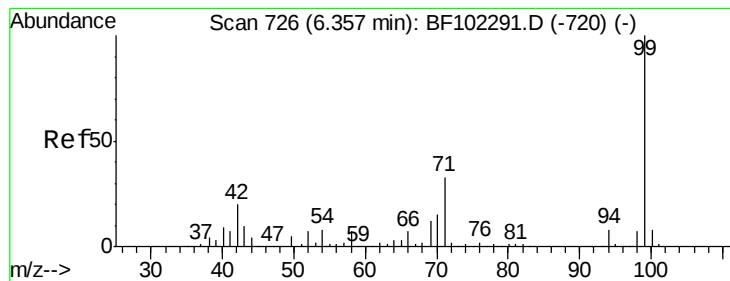
2-Fluorophenol
Concen: 51.164 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102578.D
Acq: 29 Jan 2018 00:39

Tgt Ion:112 Resp: 548842
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 28.4 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: 31.793 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102578.D

Acq: 29 Jan 2018 00:39

Instrument :

BNA_F

ClientSampled :

MH-6

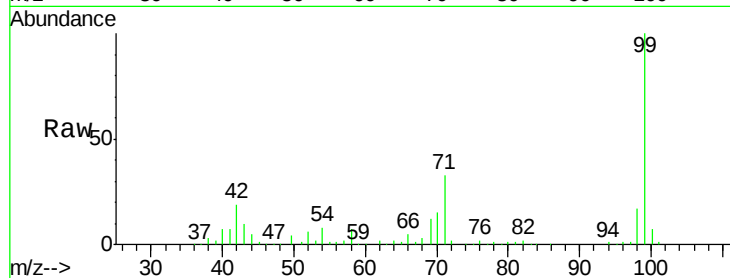
Tot Ion: 99 Resp: 411159

Ion Ratio Lower Upper

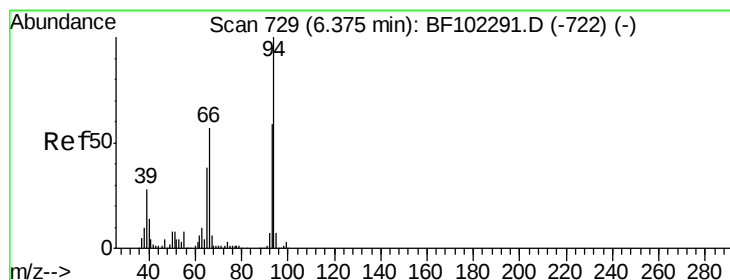
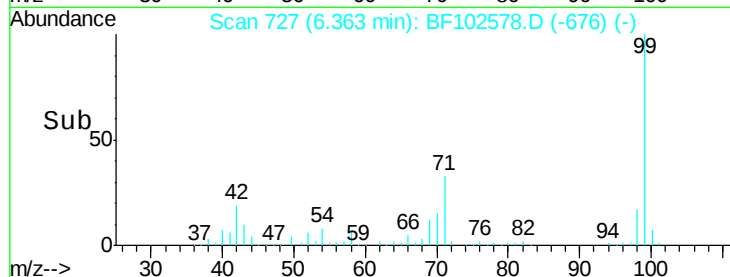
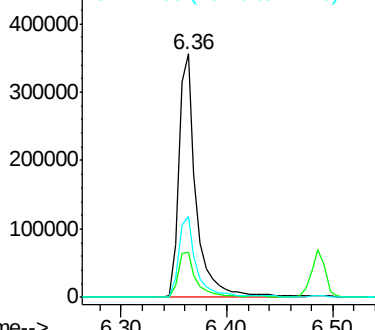
99 100

42 18.7 14.5 21.7

71 33.3 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



#10

Phenol

Concen: 2.725 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102578.D

Acq: 29 Jan 2018 00:39

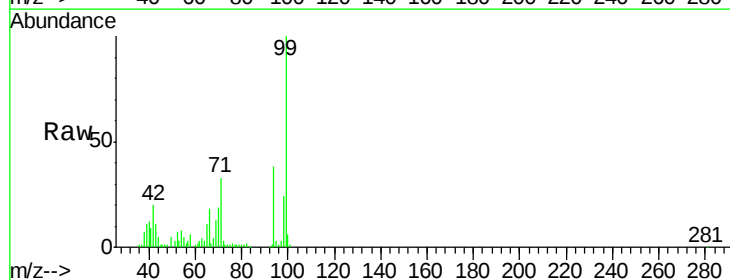
Tgt Ion: 94 Resp: 38473

Ion Ratio Lower Upper

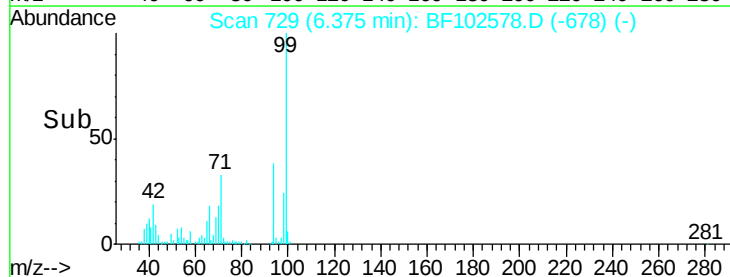
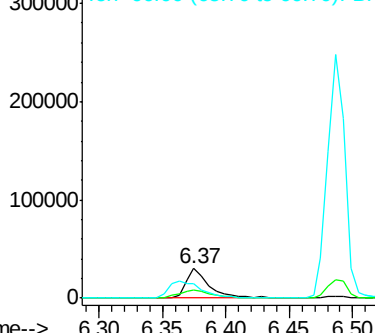
94 100

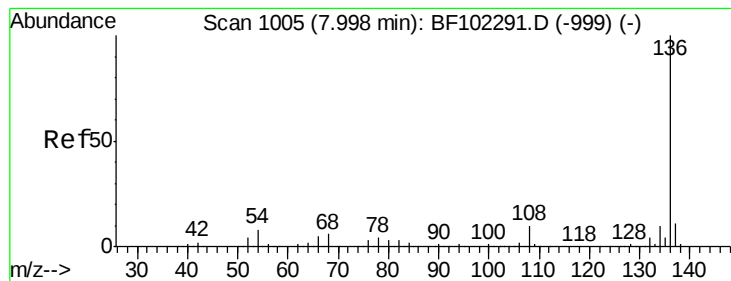
65 29.2 7.9 47.9

66 49.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102578.D

Acq: 29 Jan 2018 00:39

Instrument :

BNA_F

ClientSampled :

MH-6

Tot Ion:136 Resp: 634981

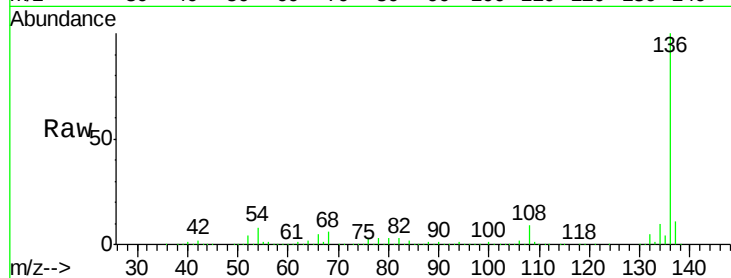
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.9 6.6 9.8

68 5.9 5.0 7.4

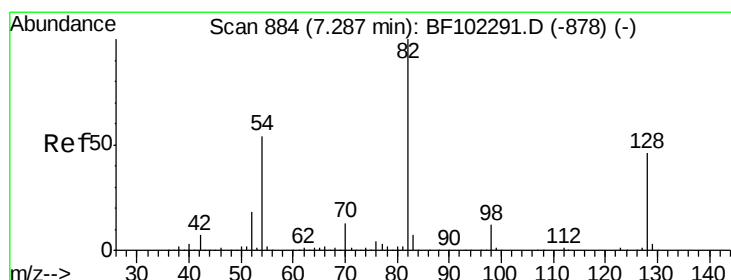
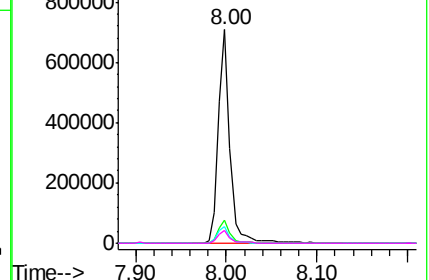
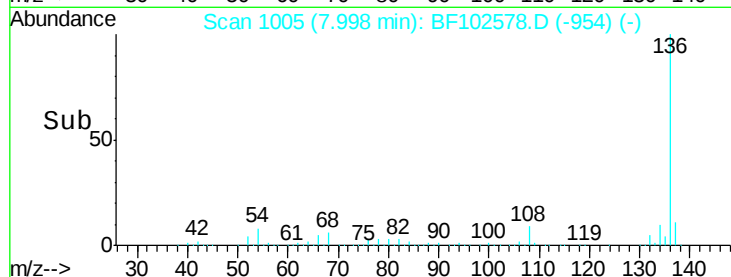


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.318 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF102578.D

Acq: 29 Jan 2018 00:39

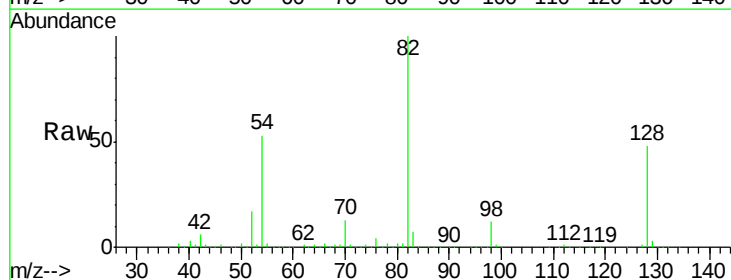
Tgt Ion: 82 Resp: 821178

Ion Ratio Lower Upper

82 100

128 47.6 36.1 54.1

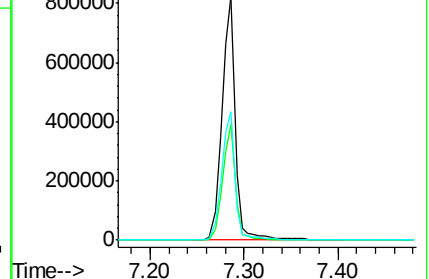
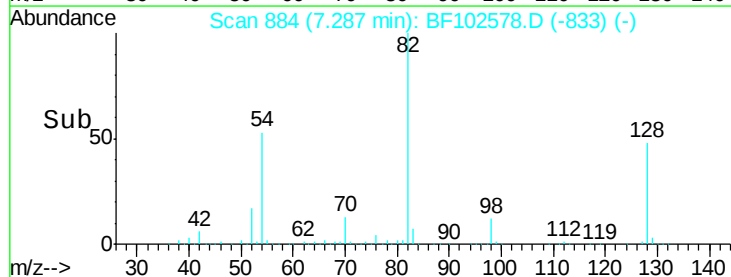
54 52.6 41.4 62.2

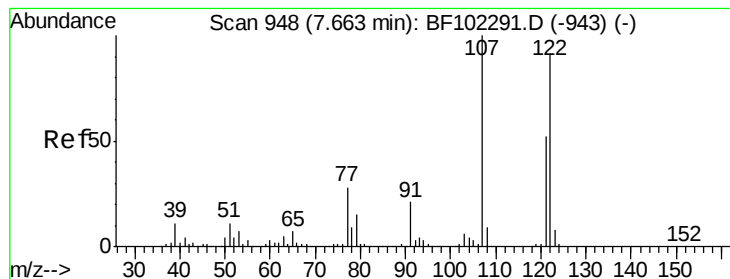


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#27

2,4-Dimethylphenol

Concen: 2.632 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF102578.D

Acq: 29 Jan 2018 00:39

Instrument :

BNA_F

ClientSampled :

MH-6

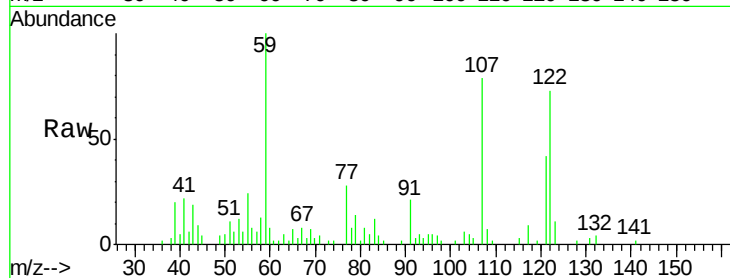
Tot Ion:122 Resp: 22743

Ion Ratio Lower Upper

122 100

107 107.7 91.2 136.8

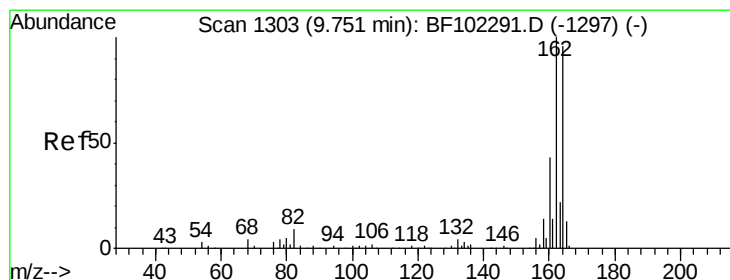
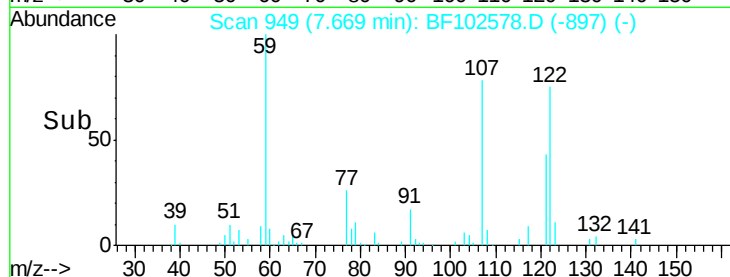
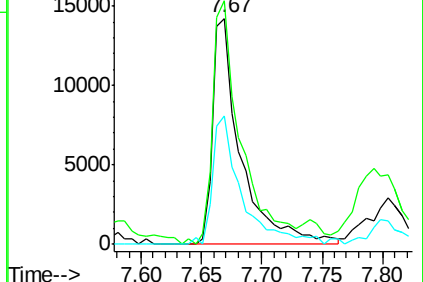
121 56.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF102578.D

Acq: 29 Jan 2018 00:39

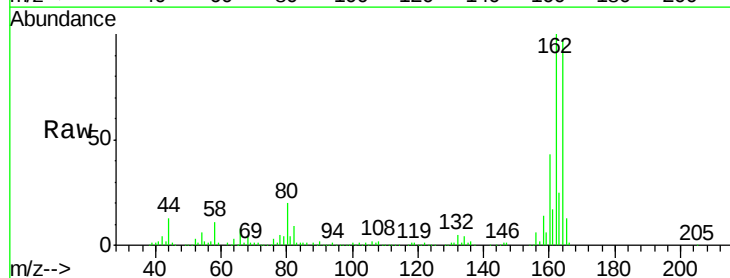
Tgt Ion:164 Resp: 225353

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

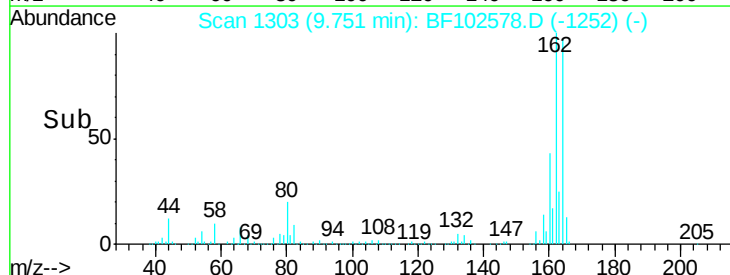
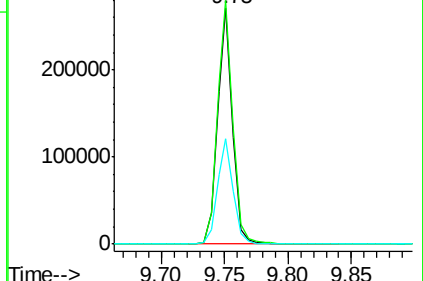
160 44.9 38.3 57.5

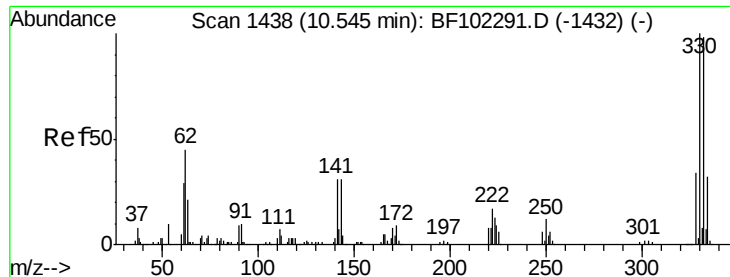


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 85.025 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF102578.D

Acq: 29 Jan 2018 00:39

Instrument :

BNA_F

ClientSampled :

MH-6

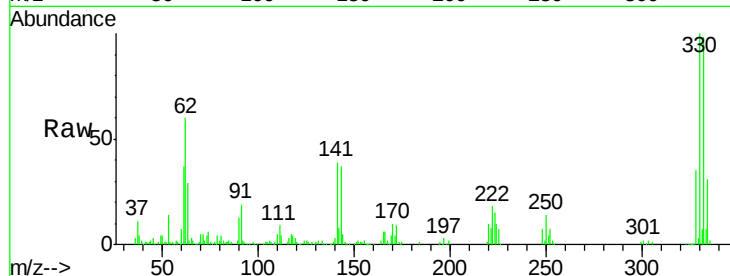
Tot Ion:330 Resp: 189855

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

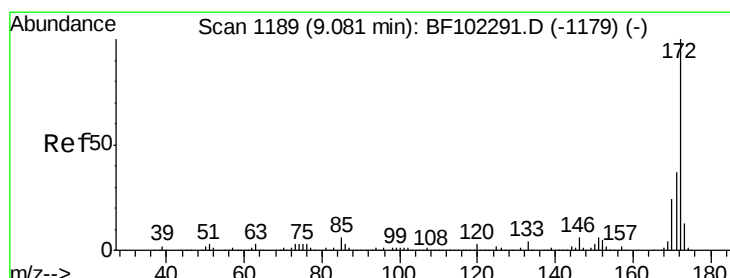
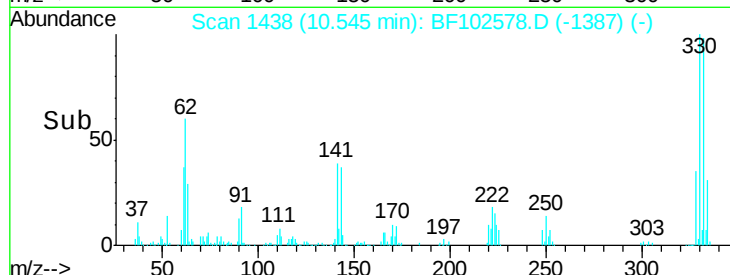
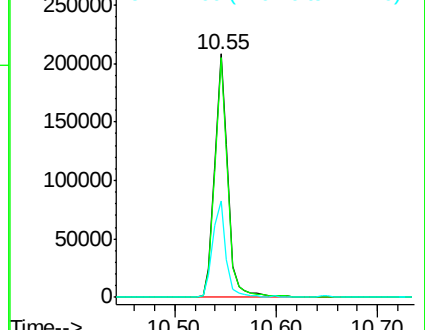
141 40.1 29.9 44.9



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: 88.251 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF102578.D

Acq: 29 Jan 2018 00:39

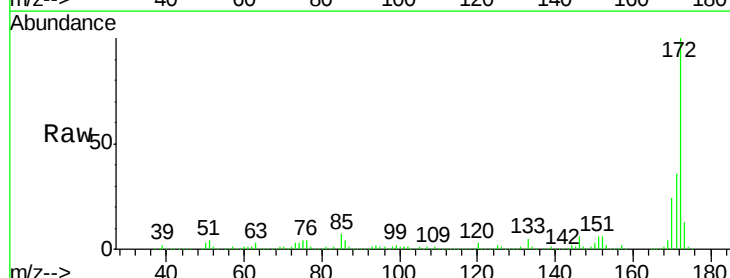
Tgt Ion:172 Resp: 1352574

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

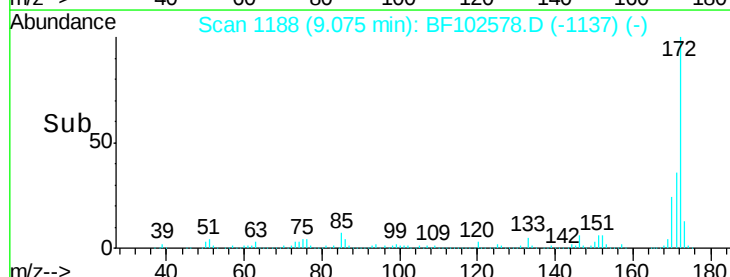
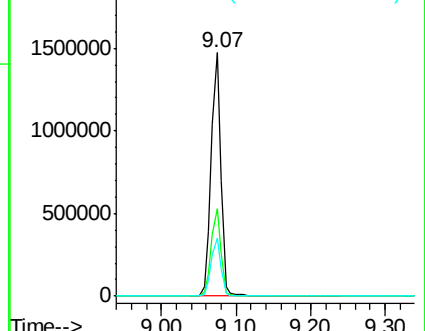
170 24.0 19.6 29.4

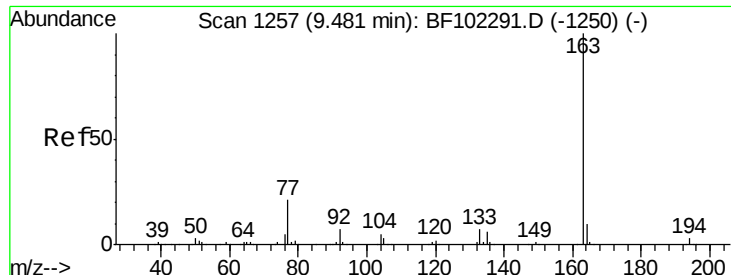


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

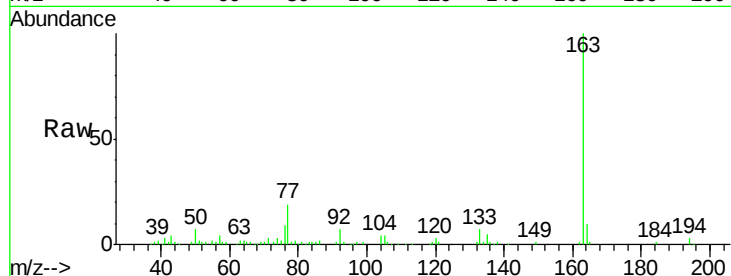




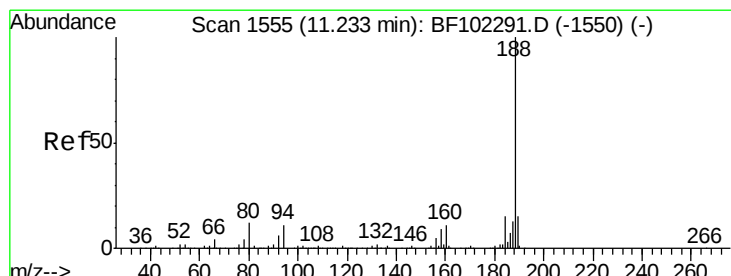
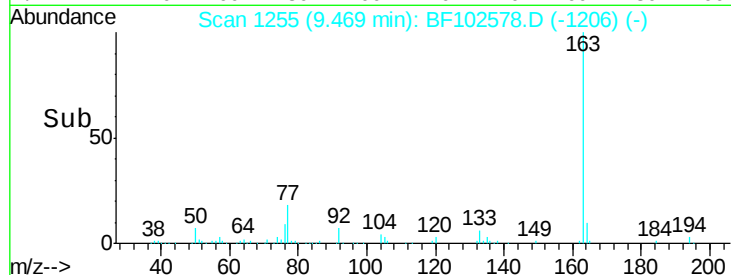
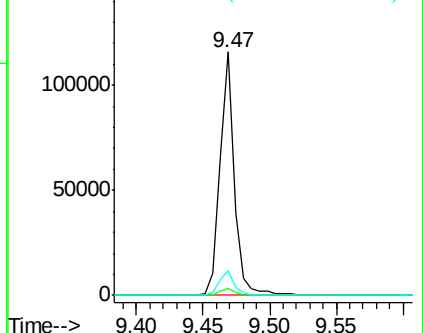
#49
Dimethylphthalate
Concen: 4.787 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102578.D
Acq: 29 Jan 2018 00:39

Instrument :
BNA_F
ClientSampleId :
MH-6

Tot Ion:163 Resp: 89169
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.3 8.2 12.2

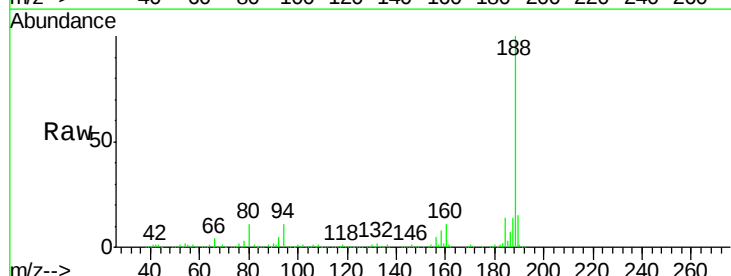


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

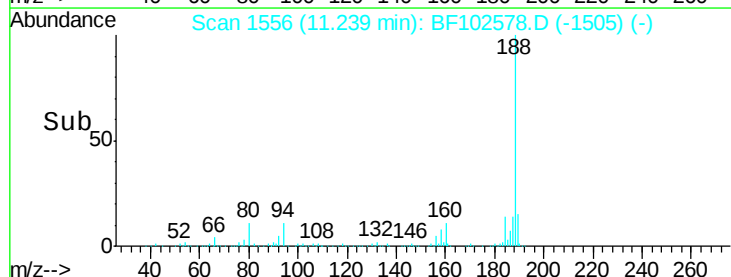
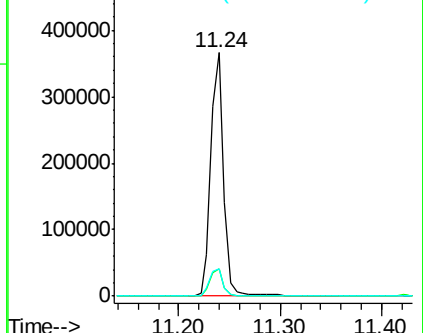


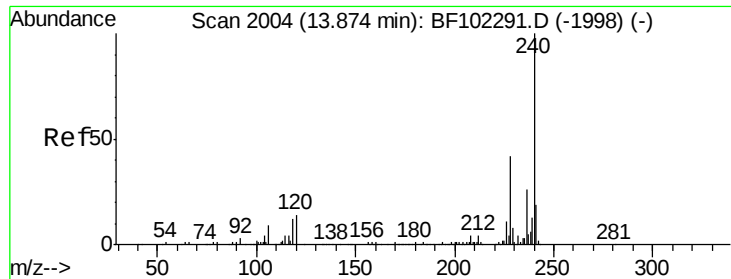
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102578.D
Acq: 29 Jan 2018 00:39

Tgt Ion:188 Resp: 320468
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.5 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: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102578.D

Acq: 29 Jan 2018 00:39

Instrument :

BNA_F

ClientSampled :

MH-6

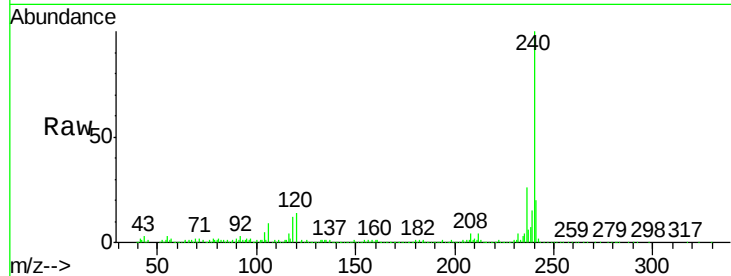
Tot Ion:240 Resp: 313146

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

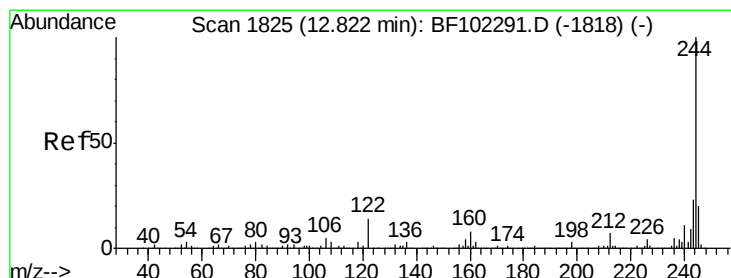
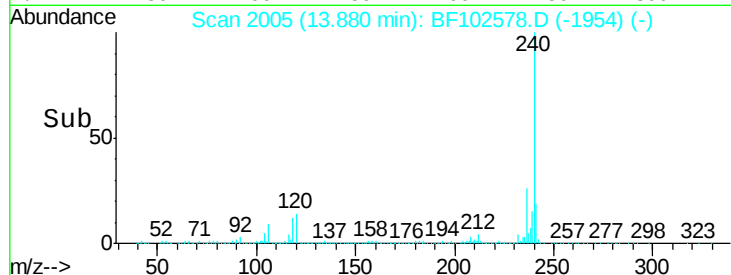
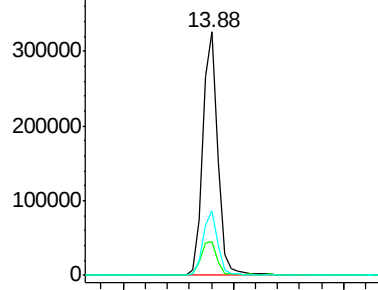
236 26.2 20.7 31.1



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: 62.282 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF102578.D

Acq: 29 Jan 2018 00:39

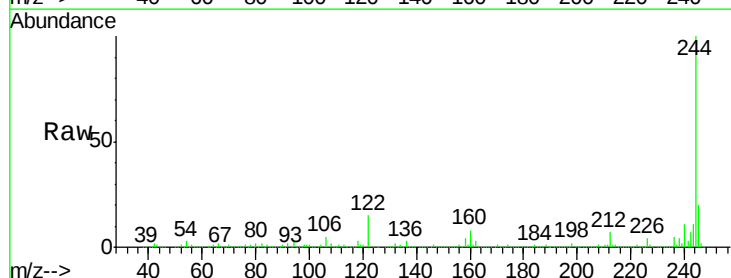
Tgt Ion:244 Resp: 865139

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

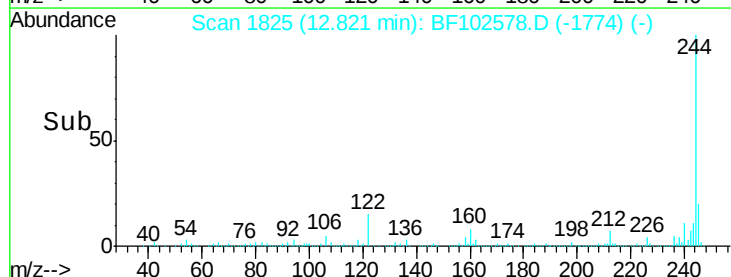
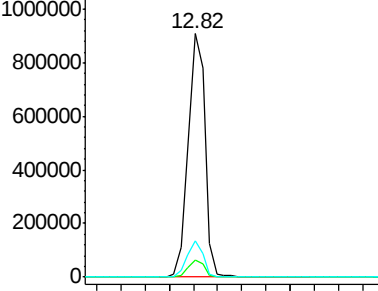
122 14.9 11.0 16.4

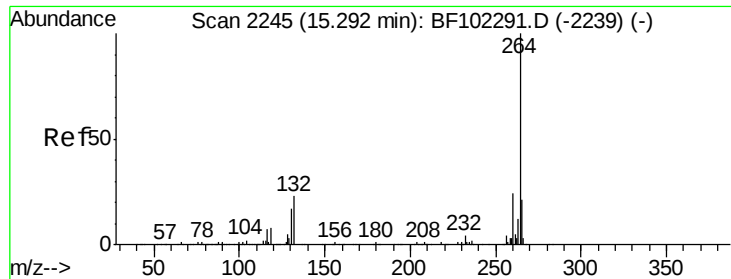


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 2248
 Delta R.T. 0.01 min
 Lab File: BF102578.D
 Acq: 29 Jan 2018 00:39

Instrument :
 BNA_F
 ClientSampleId :
 MH-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.4	17.5	26.3

