

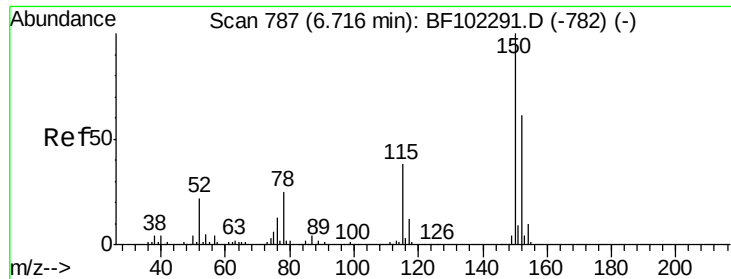
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102547.D
 Acq On : 28 Jan 2018 8:49
 Operator : SJ/JU
 Sample : J1321-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C1-GW

Quant Time: Jan 29 00:41:56 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	153782	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	576547	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	217107	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	303270	20.00	ng	0.00
75) Chrysene-d12	13.87	240	288325	20.00	ng	0.00
86) Perylene-d12	15.30	264	252790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	661229	65.20	ng	0.00
7) Phenol-d6	6.36	99	512003	41.87	ng	0.00
23) Nitrobenzene-d5	7.29	82	833897	83.12	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	212484	98.77	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1422497	96.34	ng	0.00
78) Terphenyl-d14	12.82	244	967948	75.68	ng	0.00
Target Compounds						
51) Acenaphthene	9.78	154	57106	4.159	ng	97
57) Fluorene	10.29	166	68600	4.659	ng	99

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

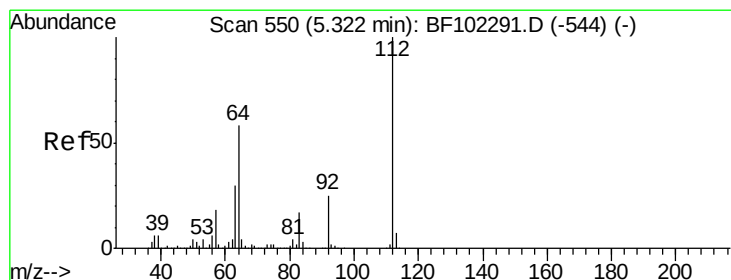
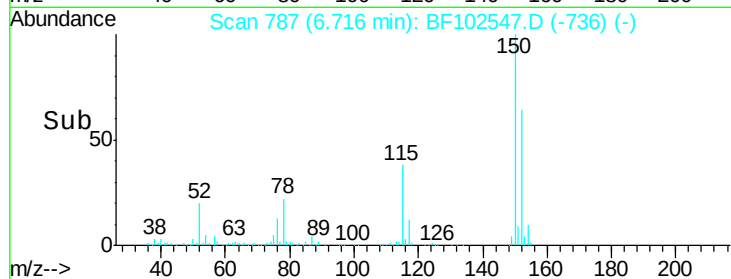
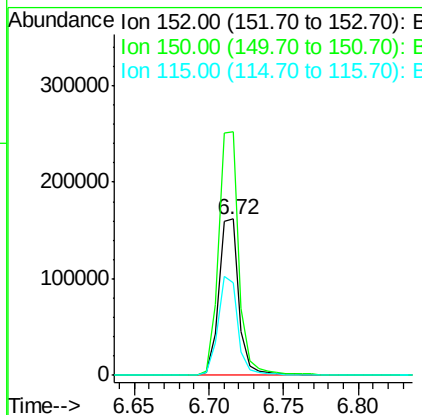
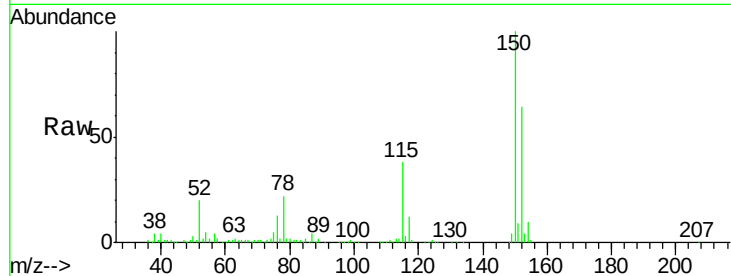


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102547.D
Acq: 28 Jan 2018 8:49

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

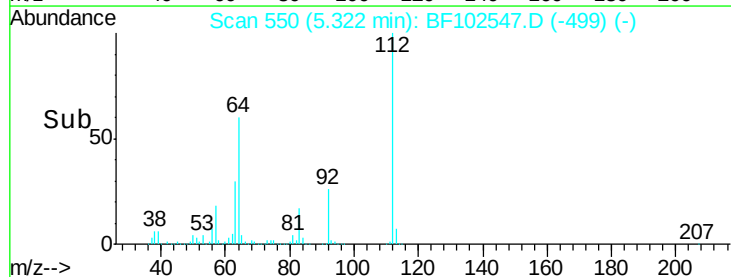
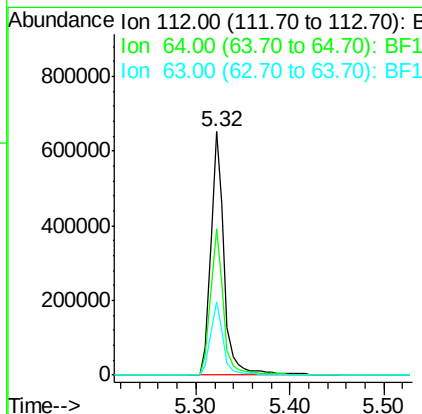
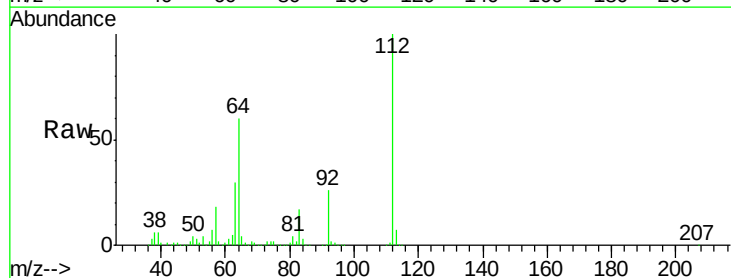
Tgt Ion:152 Resp: 153782
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 59.0 50.1 75.1

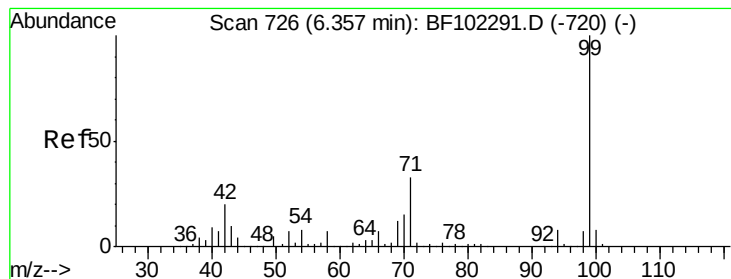


#5

2-Fluorophenol
Concen: 65.196 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102547.D
Acq: 28 Jan 2018 8:49

Tgt Ion:112 Resp: 661229
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 30.3 23.7 35.5





#7

Phenol-d6

Concen: 41.874 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102547.D

Acq: 28 Jan 2018 8:49

Instrument :

BNA_F

ClientSampleId :

OWL-C1-GW

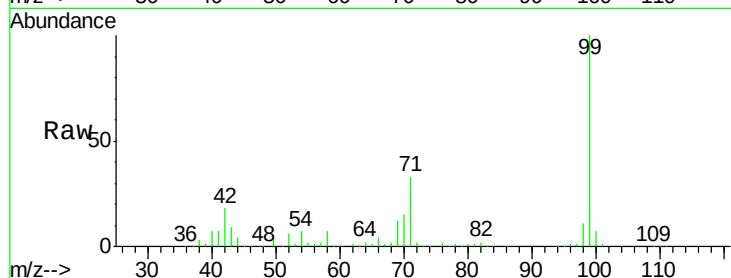
Tgt Ion: 99 Resp: 512003

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

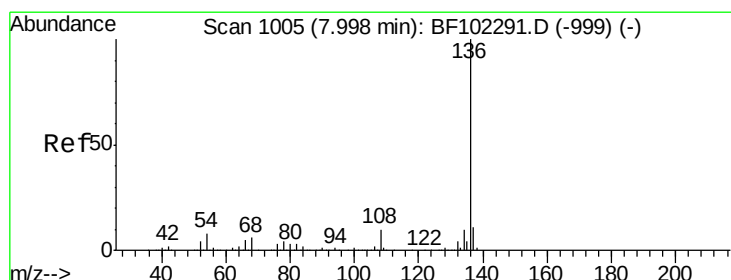
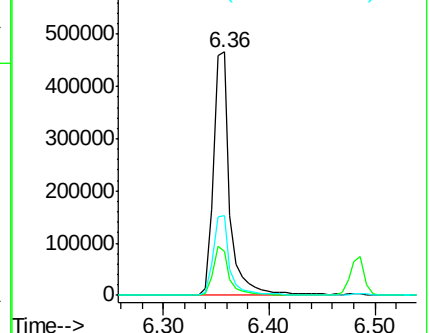
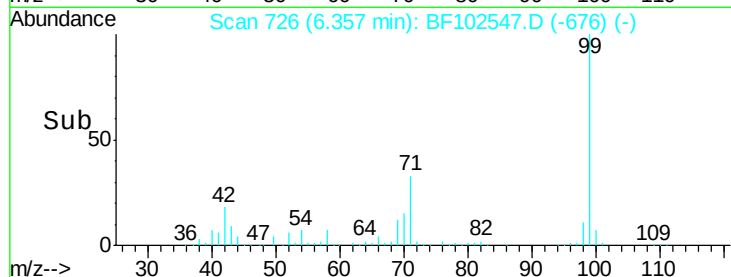
71 32.6 25.4 38.0



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: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102547.D

Acq: 28 Jan 2018 8:49

Tgt Ion: 136 Resp: 576547

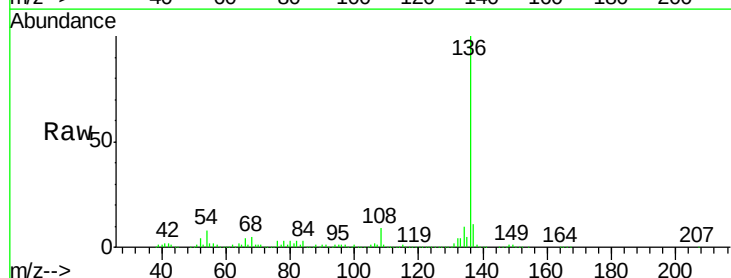
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.6 6.6 9.8

68 5.5 5.0 7.4

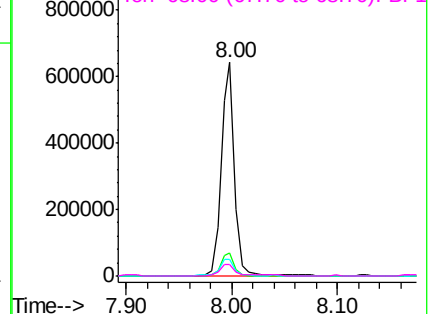
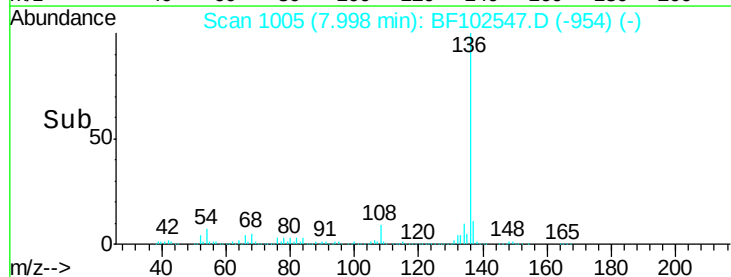


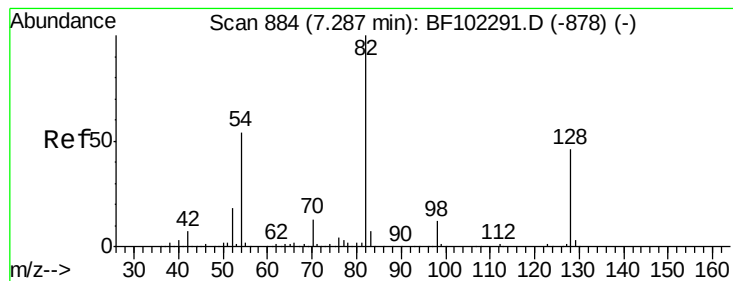
Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.118 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102547.D

Acq: 28 Jan 2018 8:49

Instrument :

BNA_F

ClientSampled :

OWL-C1-GW

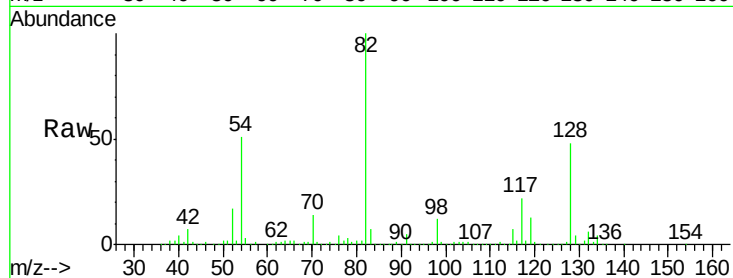
Tgt Ion: 82 Resp: 833897

Ion Ratio Lower Upper

82 100

128 48.1 36.1 54.1

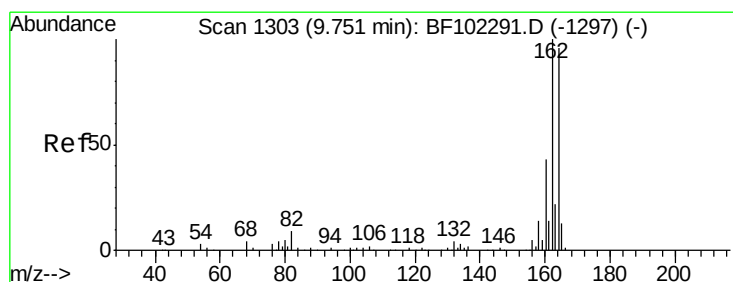
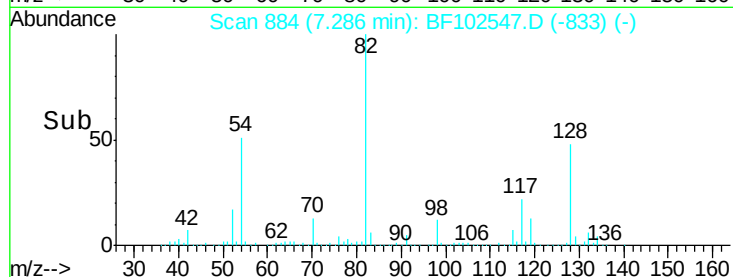
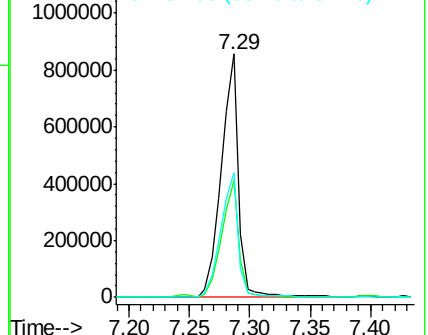
54 51.4 41.4 62.2



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: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102547.D

Acq: 28 Jan 2018 8:49

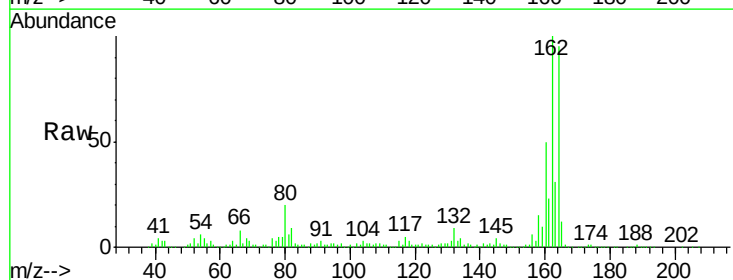
Tgt Ion: 164 Resp: 217107

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

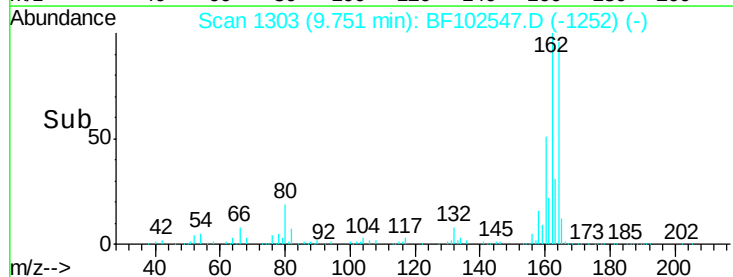
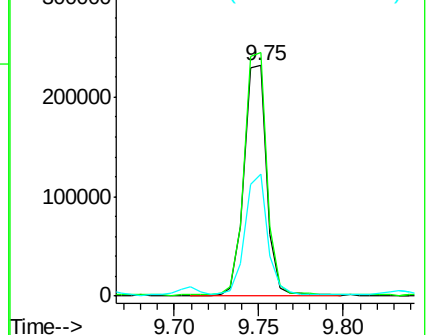
160 52.8 38.3 57.5

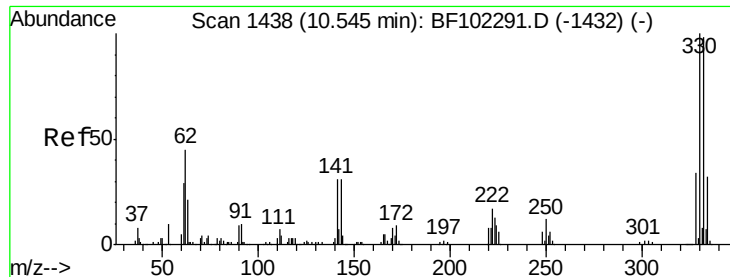


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

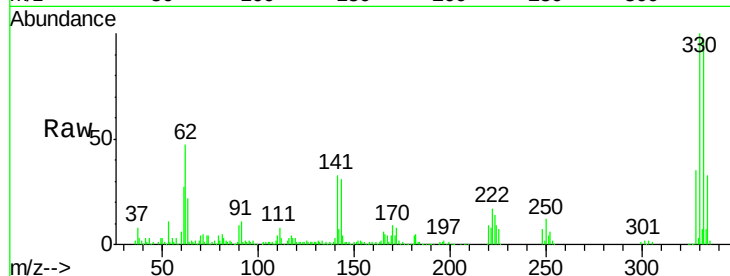




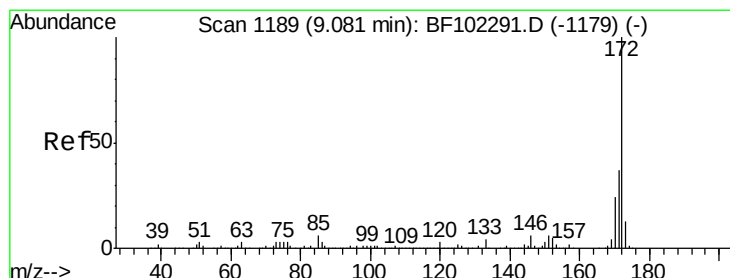
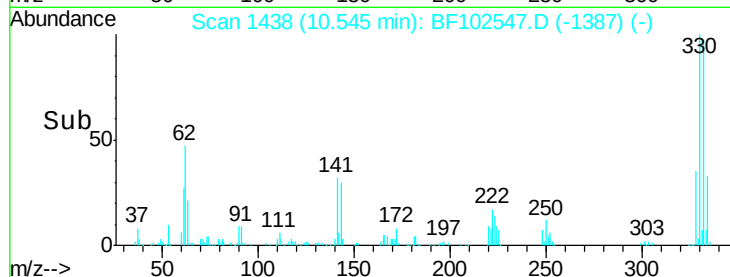
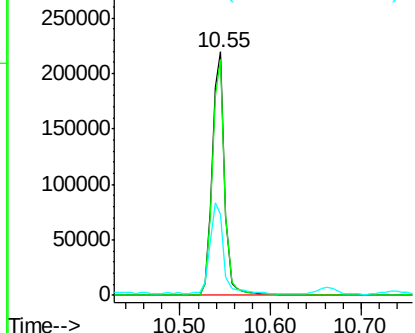
#41
 2,4,6-Tribromophenol
 Concen: 98.774 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102547.D
 Acq: 28 Jan 2018 8:49

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C1-GW

Tgt Ion:330 Resp: 212484
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 39.6 29.9 44.9

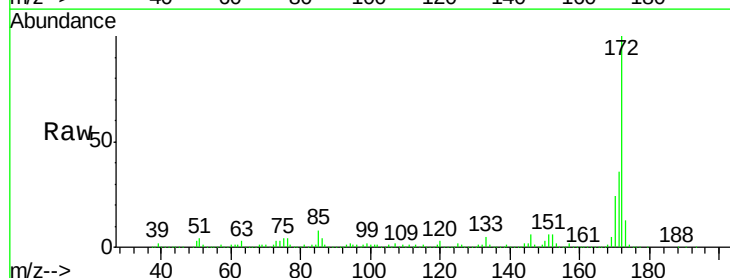


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

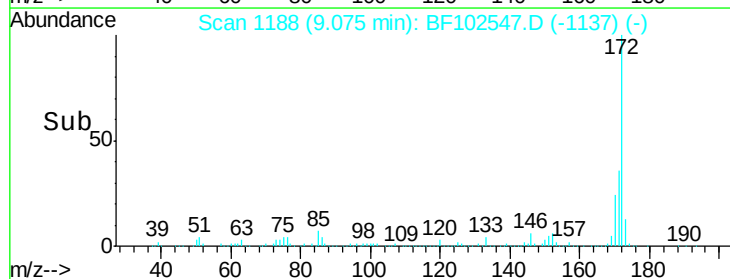
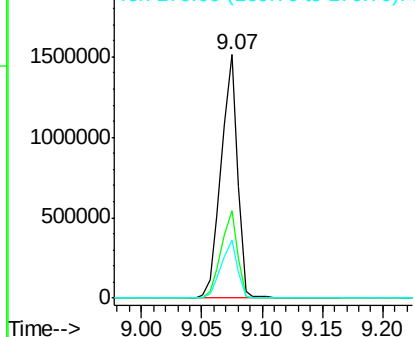


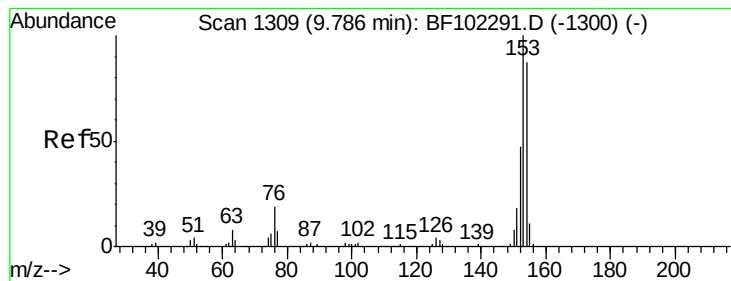
#44
 2-Fluorobiphenyl
 Concen: 96.338 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102547.D
 Acq: 28 Jan 2018 8:49

Tgt Ion:172 Resp: 1422497
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.9 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





#51

Acenaphthene

Concen: 4.159 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF102547.D

Acq: 28 Jan 2018 8:49

Instrument :

BNA_F

ClientSampleId :

OWL-C1-GW

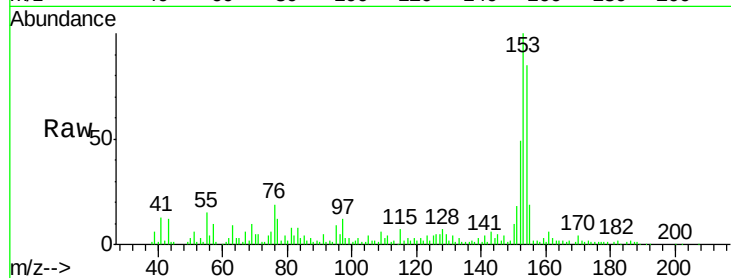
Tgt Ion:154 Resp: 57106

Ion Ratio Lower Upper

154 100

153 117.2 91.2 136.8

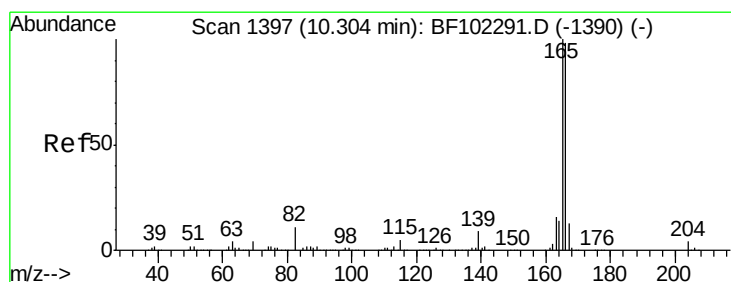
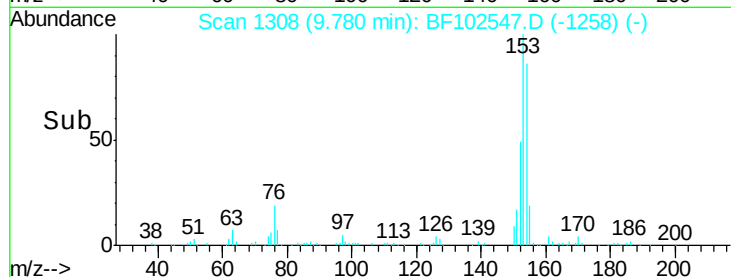
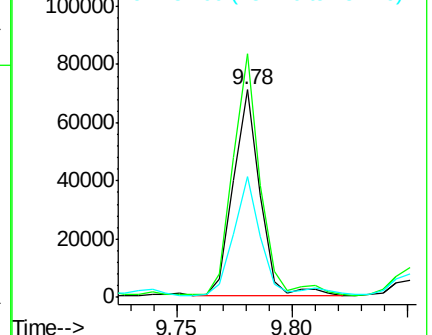
152 57.9 43.8 65.8



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



#57

Fluorene

Concen: 4.659 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF102547.D

Acq: 28 Jan 2018 8:49

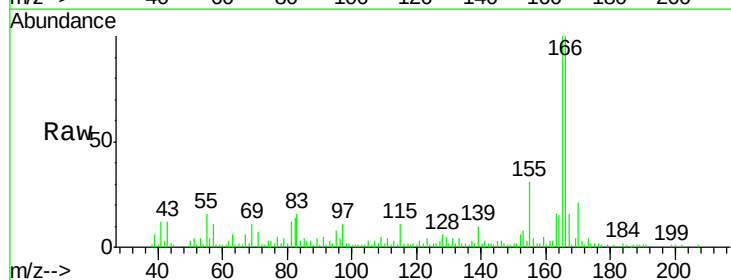
Tgt Ion:166 Resp: 68600

Ion Ratio Lower Upper

166 100

165 100.5 79.8 119.8

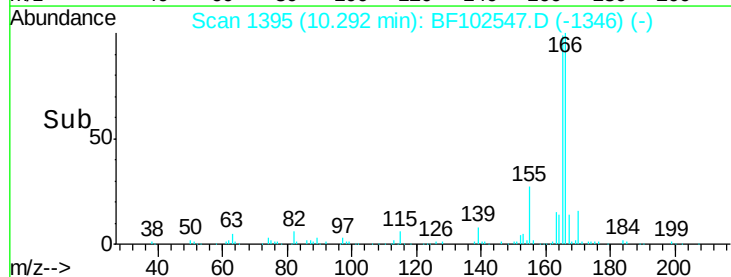
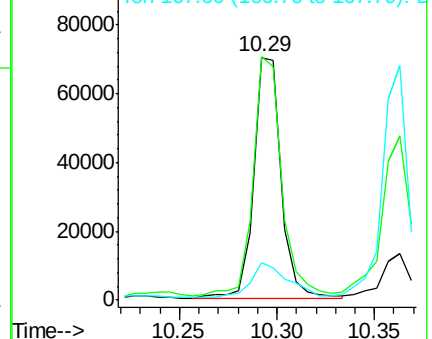
167 15.7 10.6 16.0

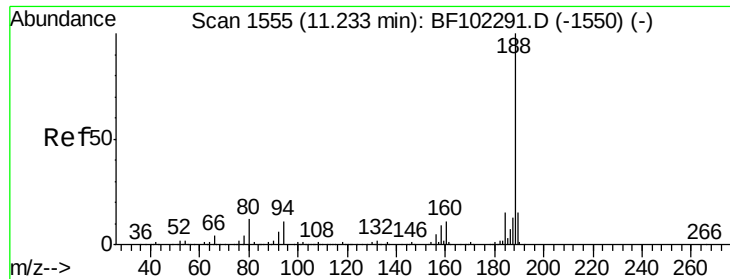


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102547.D

Acq: 28 Jan 2018 8:49

Instrument :

BNA_F

ClientSampleId :

OWL-C1-GW

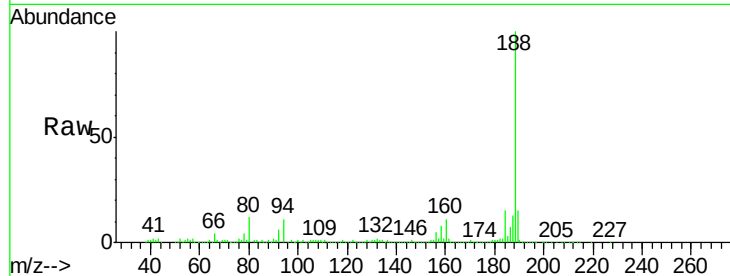
Tgt Ion:188 Resp: 303270

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

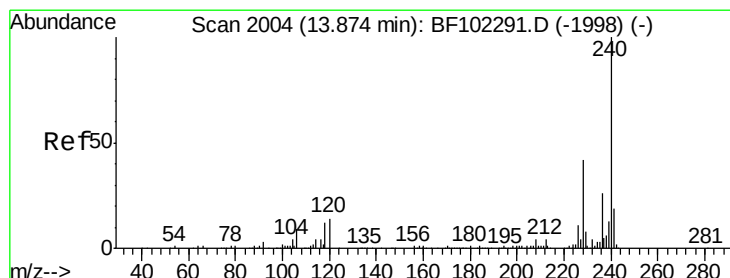
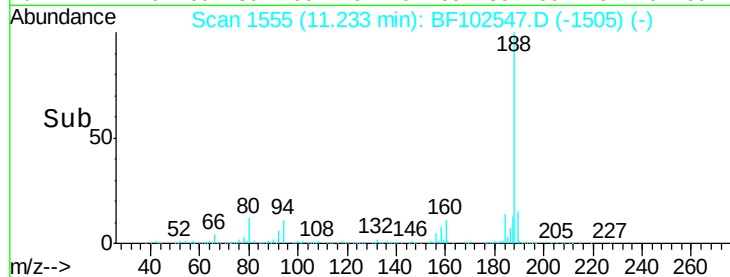
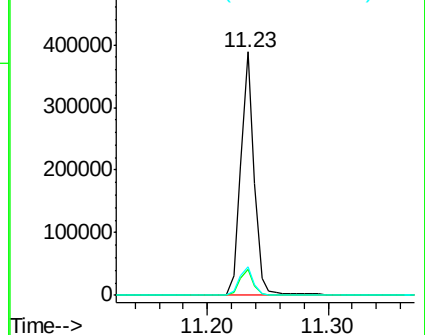
80 11.7 9.2 13.8



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: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102547.D

Acq: 28 Jan 2018 8:49

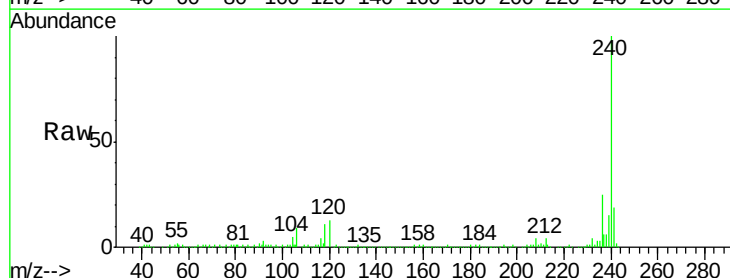
Tgt Ion:240 Resp: 288325

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

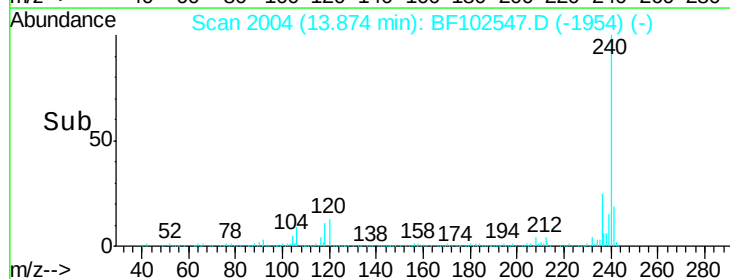
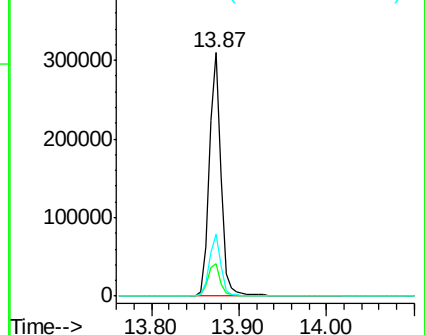
236 25.5 20.7 31.1

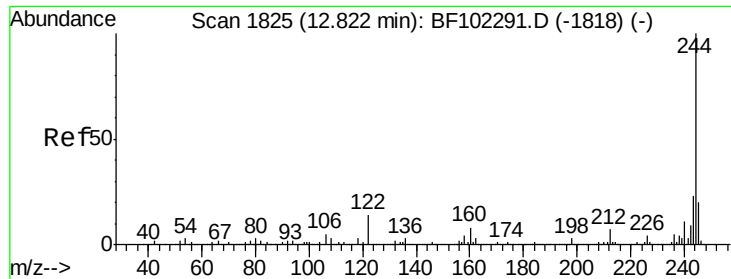


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.682 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102547.D

Acq: 28 Jan 2018 8:49

Instrument :

BNA_F

ClientSampleId :

OWL-C1-GW

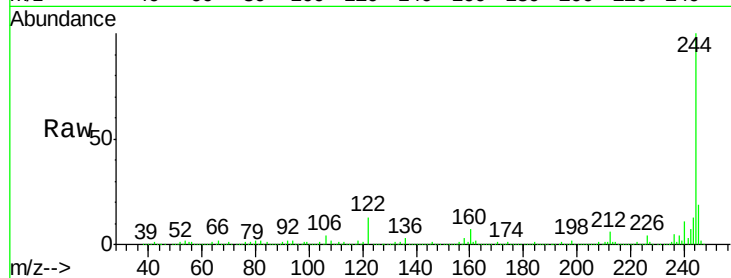
Tgt Ion:244 Resp: 967948

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

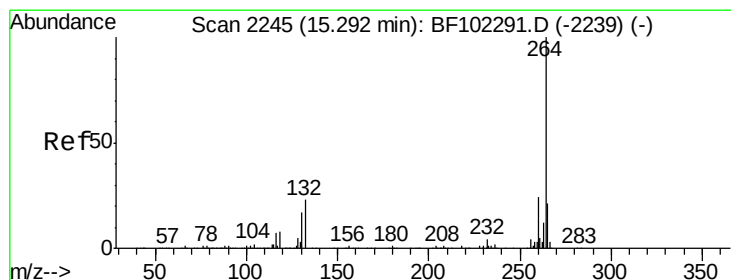
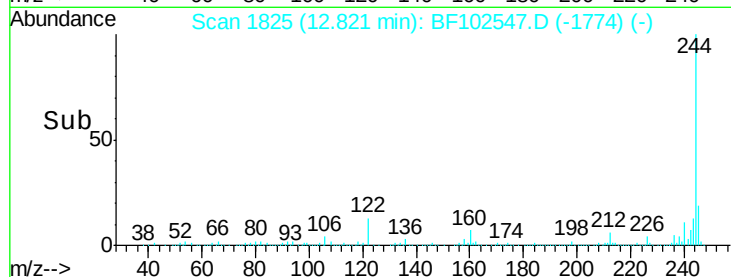
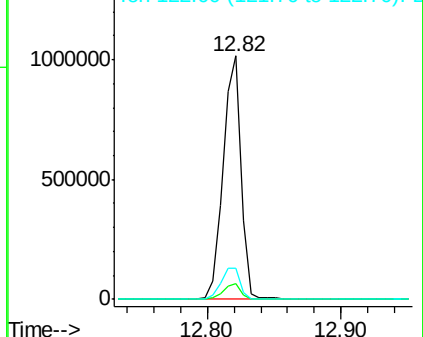
122 12.9 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BF102547.D

Acq: 28 Jan 2018 8:49

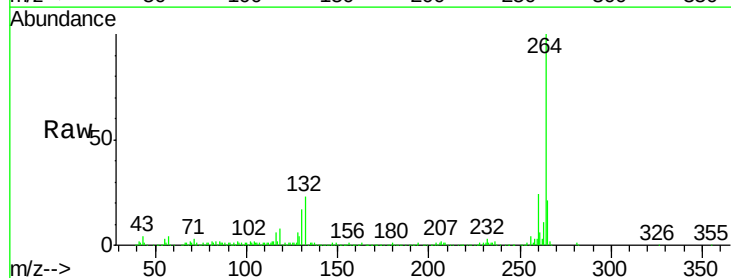
Tgt Ion:264 Resp: 252790

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

