

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102548.D
 Acq On : 28 Jan 2018 9:16
 Operator : SJ/JU
 Sample : J1321-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

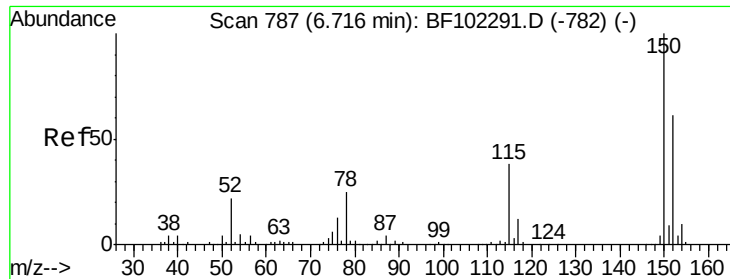
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

Quant Time: Jan 29 00:51:53 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	6.71	152	164632	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	656023	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	259012	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	361657	20.00	ng	0.00
75) Chrysene-d12	13.87	240	300133	20.00	ng	0.00
86) Perylene-d12	15.30	264	254227	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	661621	60.94	ng	0.00
7) Phenol-d6	6.35	99	509710	38.94	ng	-0.01
23) Nitrobenzene-d5	7.28	82	994472	87.11	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	235783	91.87	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1605961	91.17	ng	0.00
78) Terphenyl-d14	12.82	244	1069631	80.34	ng	0.00

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

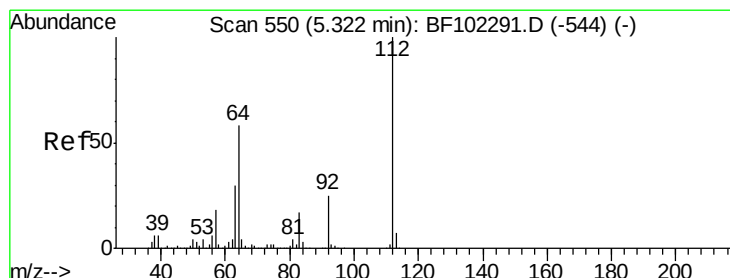
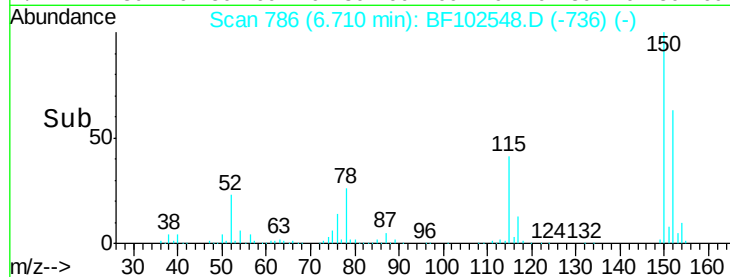
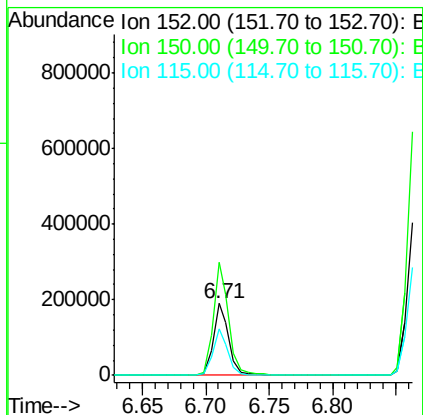
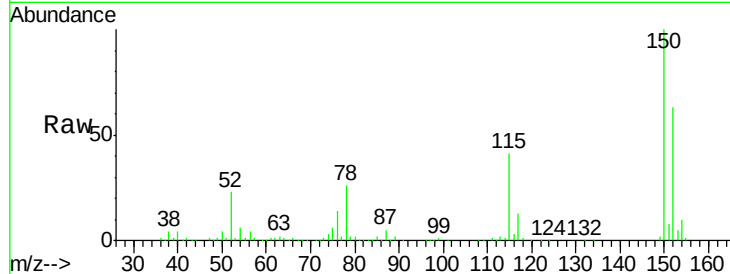


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102548.D
Acq: 28 Jan 2018 9:16

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

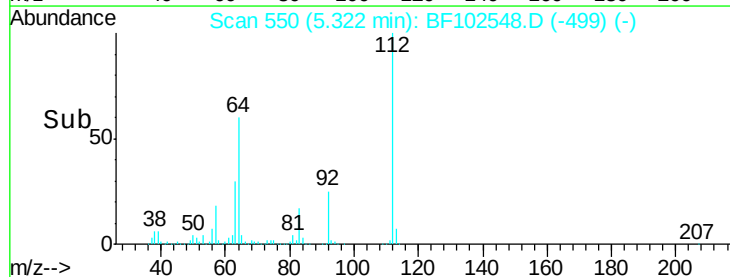
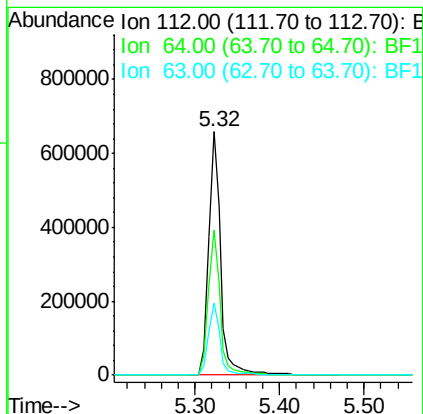
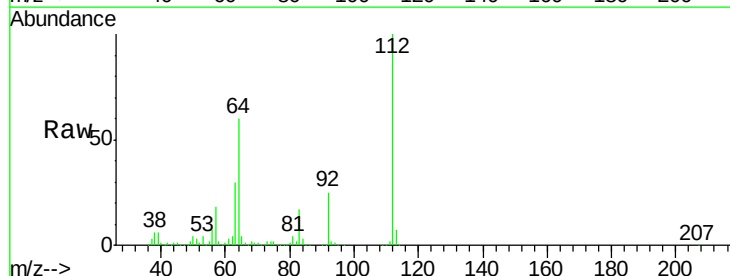
Tgt Ion:152 Resp: 164632
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 64.3 50.1 75.1

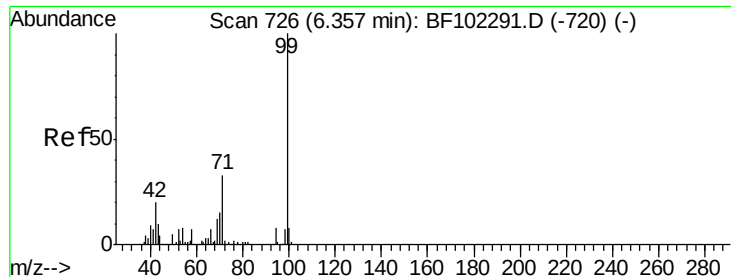


#5

2-Fluorophenol
Concen: 60.935 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF102548.D
Acq: 28 Jan 2018 9:16

Tgt Ion:112 Resp: 661621
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 38.939 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102548.D

Acq: 28 Jan 2018 9:16

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

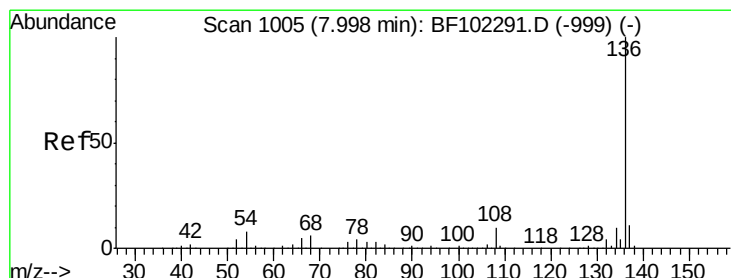
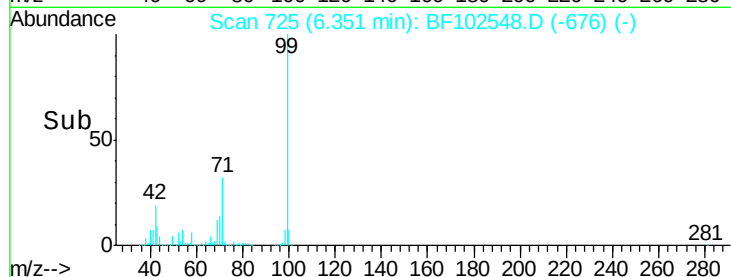
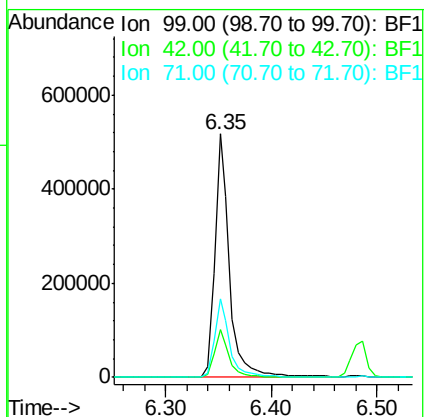
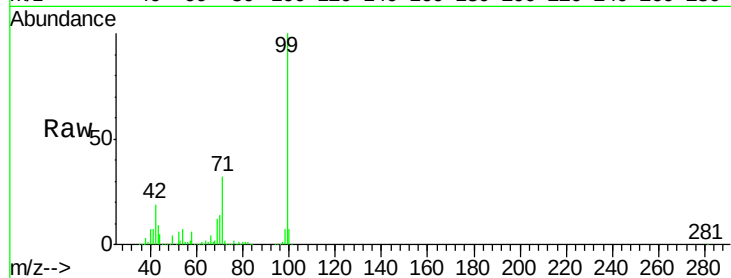
Tgt Ion: 99 Resp: 509710

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 32.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102548.D

Acq: 28 Jan 2018 9:16

Tgt Ion: 136 Resp: 656023

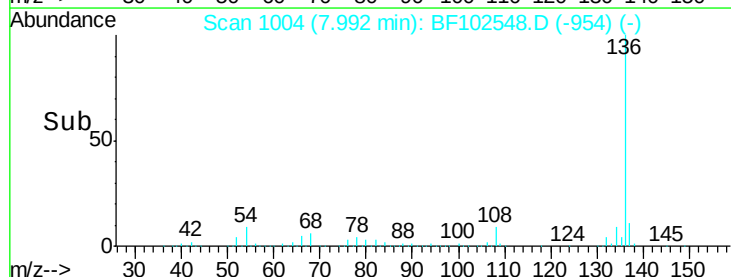
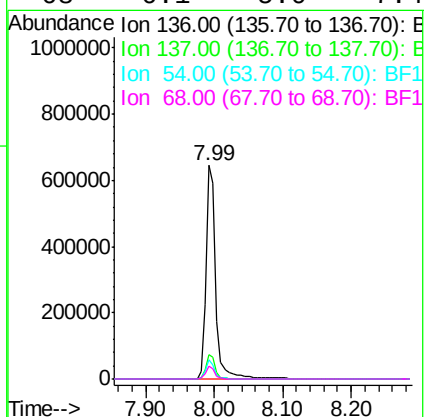
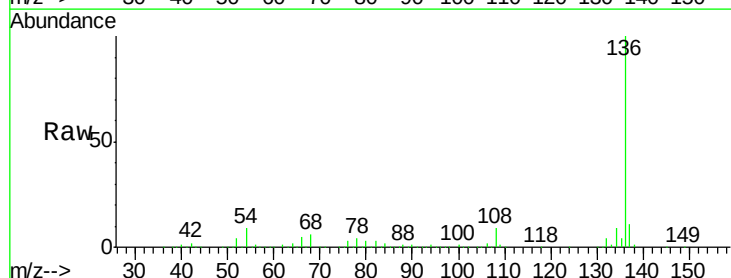
Ion Ratio Lower Upper

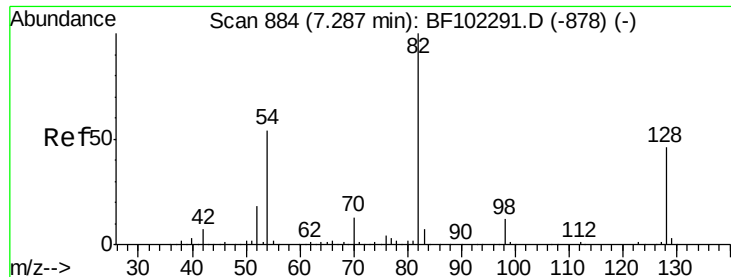
136 100

137 11.4 8.9 13.3

54 8.7 6.6 9.8

68 6.1 5.0 7.4

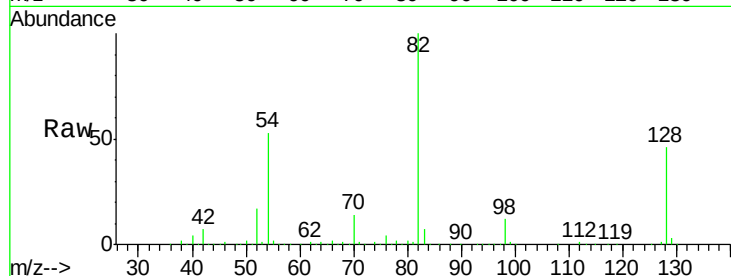




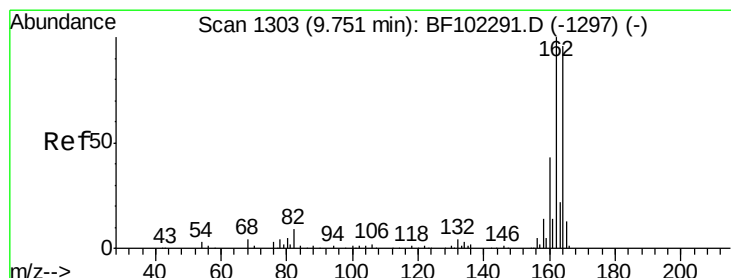
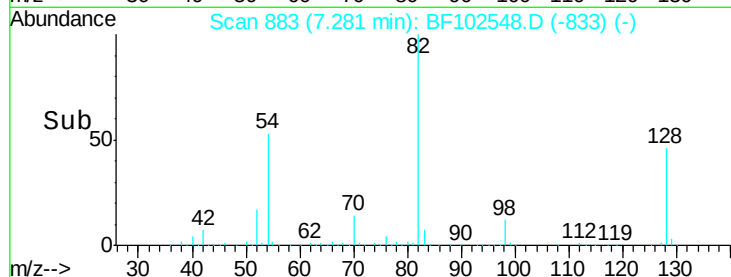
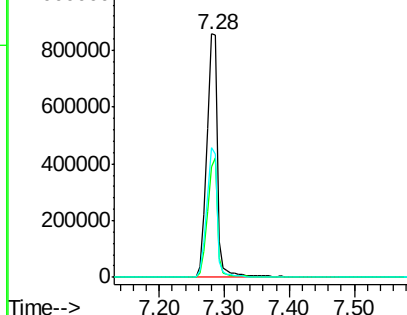
#23
 Nitrobenzene-d5
 Concen: 87.115 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102548.D
 Acq: 28 Jan 2018 9:16

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

Tgt Ion: 82 Resp: 994472
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.1 54.1
 54 53.1 41.4 62.2

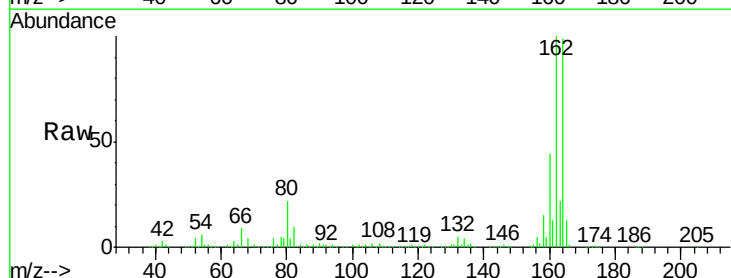


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

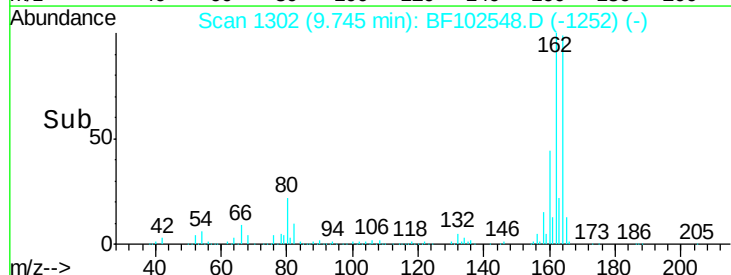
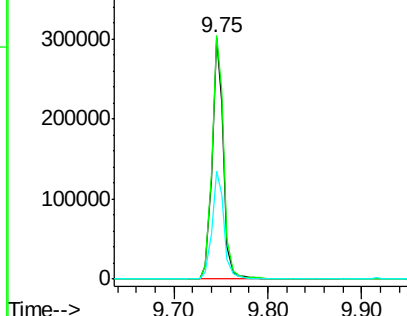


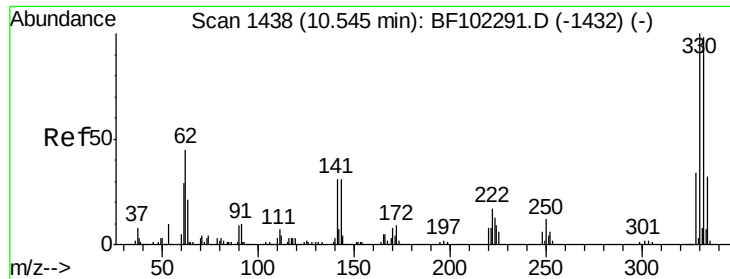
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102548.D
 Acq: 28 Jan 2018 9:16

Tgt Ion: 164 Resp: 259012
 Ion Ratio Lower Upper
 164 100
 162 100.8 86.1 129.1
 160 44.8 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

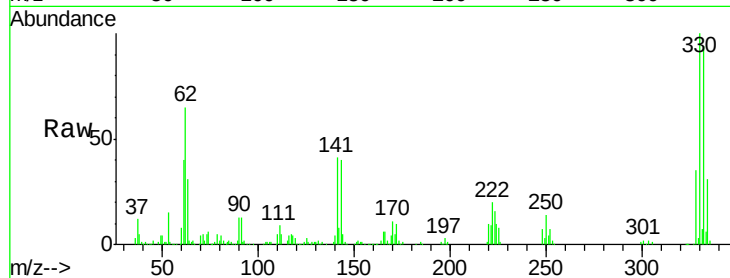




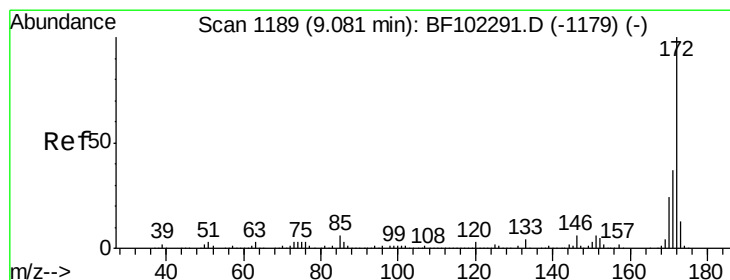
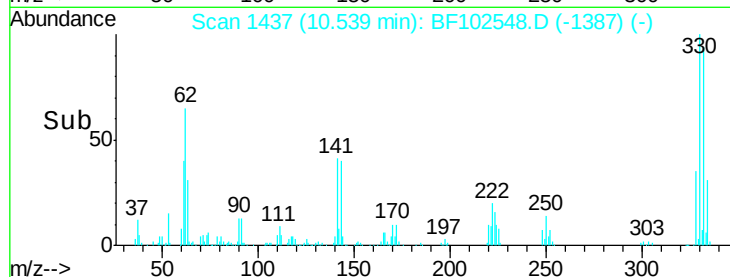
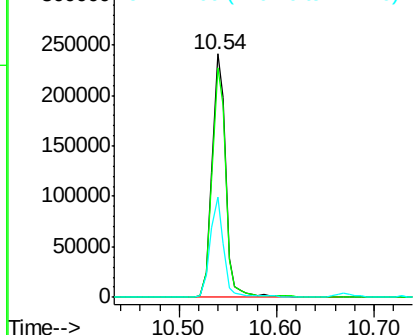
#41
 2,4,6-Tribromophenol
 Concen: 91.872 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102548.D
 Acq: 28 Jan 2018 9:16

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

Tgt Ion: 330 Resp: 235783
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 40.2 29.9 44.9

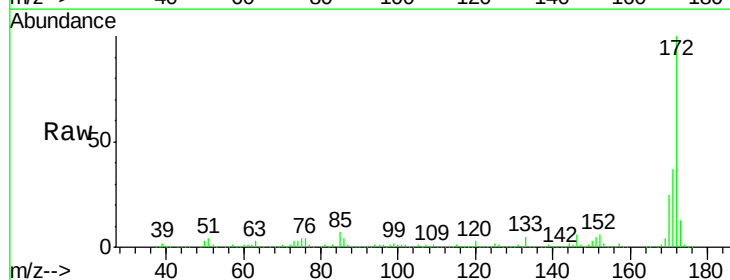


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

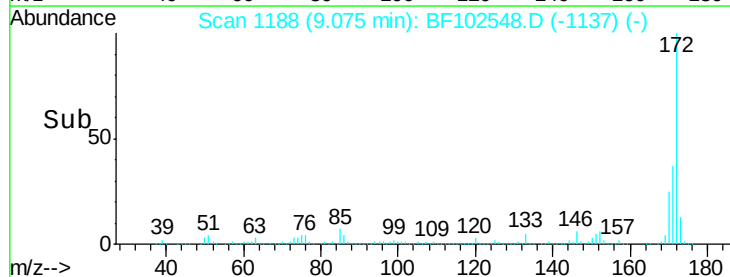
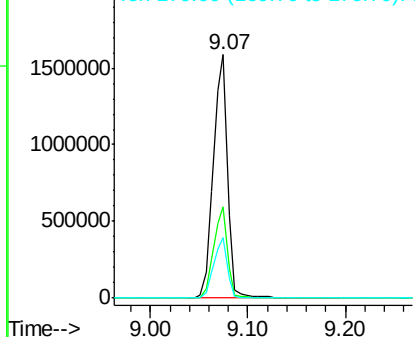


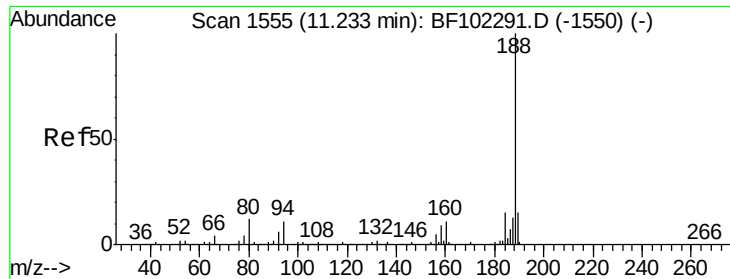
#44
 2-Fluorobiphenyl
 Concen: 91.167 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102548.D
 Acq: 28 Jan 2018 9:16

Tgt Ion: 172 Resp: 1605961
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.7 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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102548.D

Acq: 28 Jan 2018 9:16

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

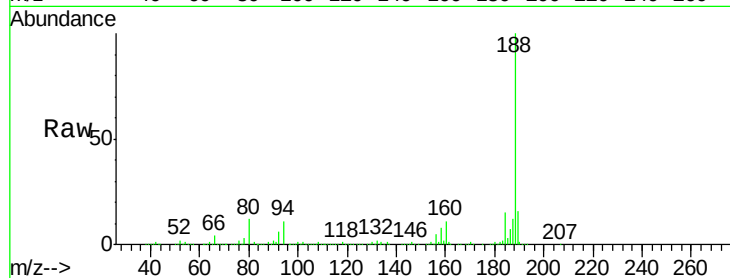
Tgt Ion:188 Resp: 361657

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

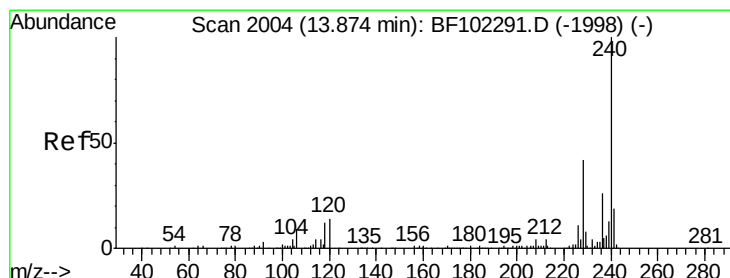
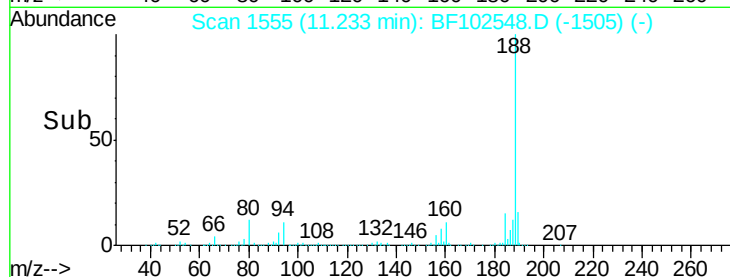
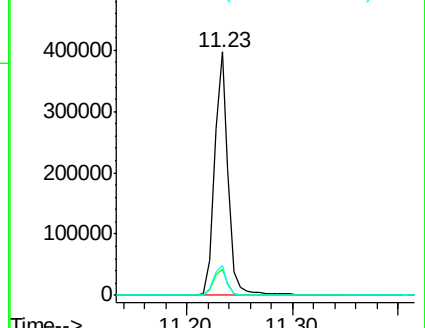
80 12.0 9.2 13.8



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: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102548.D

Acq: 28 Jan 2018 9:16

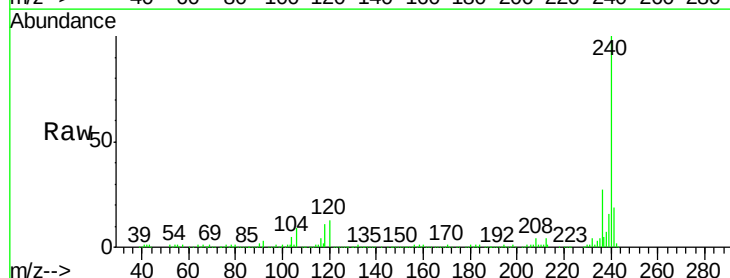
Tgt Ion:240 Resp: 300133

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

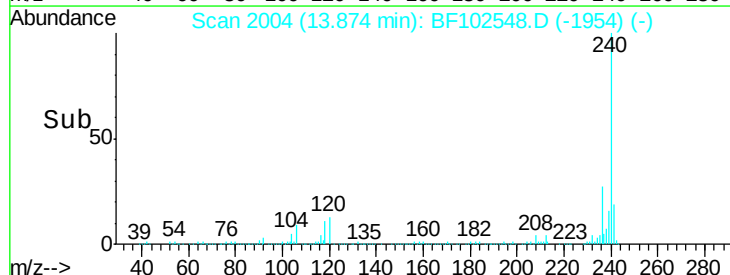
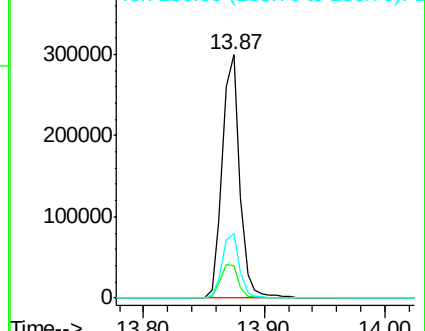
236 26.7 20.7 31.1

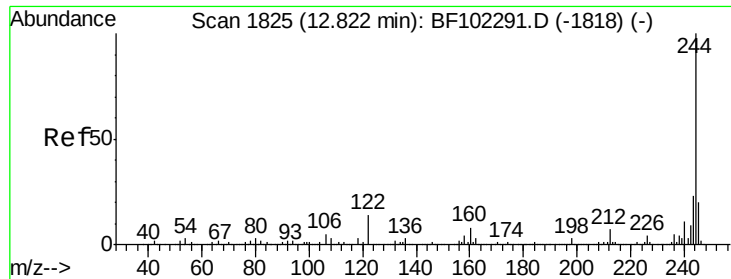


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

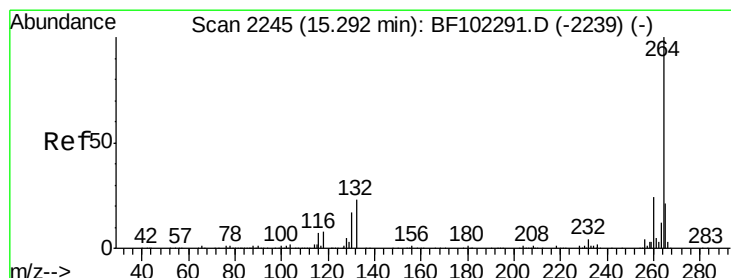
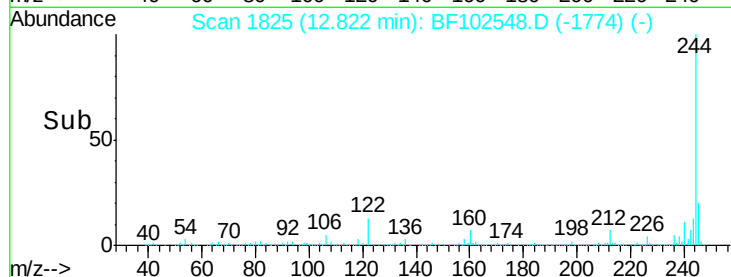
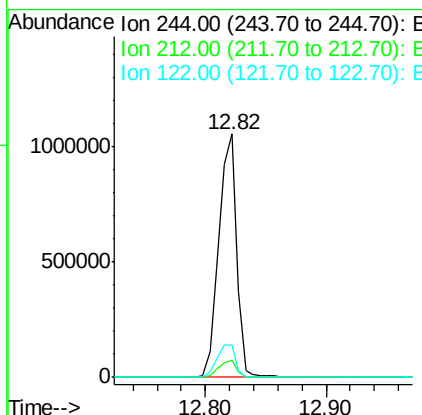
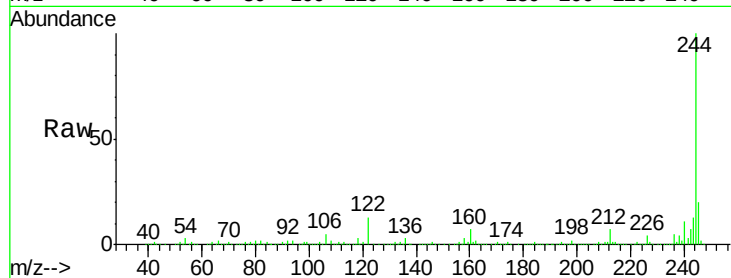




#78
 Terphenyl-d14
 Concen: 80.342 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF102548.D
 Acq: 28 Jan 2018 9:16

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

Tgt Ion:244 Resp: 1069631
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BF102548.D
 Acq: 28 Jan 2018 9:16

Tgt Ion:264 Resp: 254227
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.9 17.5 26.3

