

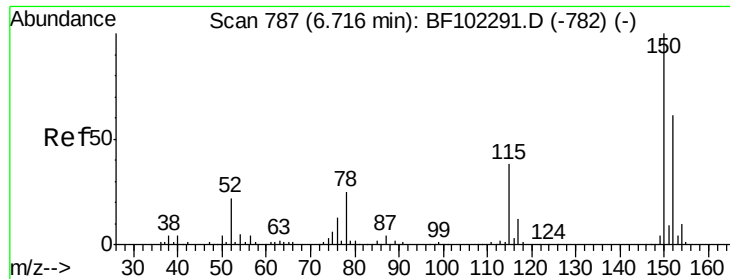
Data Path : Z:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102645.D
 Acq On : 30 Jan 2018 17:53
 Operator : SJ/JU
 Sample : J1361-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONE

Quant Time: Jan 31 02:46:19 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	154345	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	636021	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	294225	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	521671	20.00	ng	0.00
75) Chrysene-d12	13.87	240	388672	20.00	ng	0.00
86) Perylene-d12	15.30	264	278162	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1013105	99.53	ng	0.02
7) Phenol-d6	6.36	99	1108684	90.34	ng	0.00
23) Nitrobenzene-d5	7.28	82	855404	77.29	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	290712	99.72	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1518680	75.89	ng	0.00
78) Terphenyl-d14	12.82	244	1432335	83.08	ng	0.00
Target Compounds						
31) Naphthalene	8.02	128	121452	3.825	ng	Qvalue 99

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

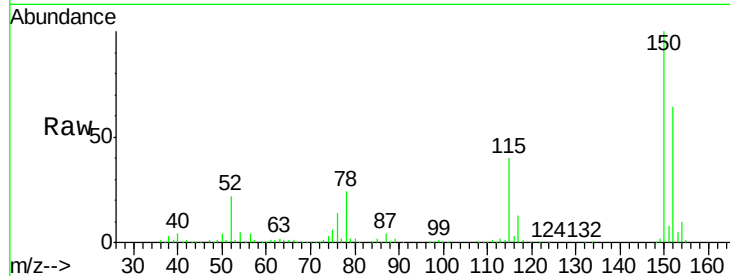


#1

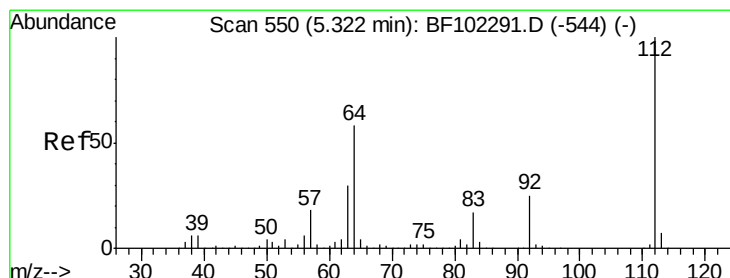
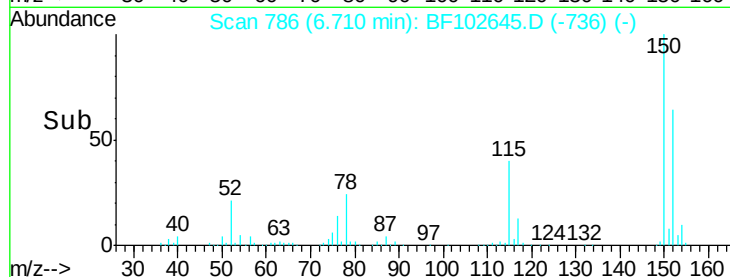
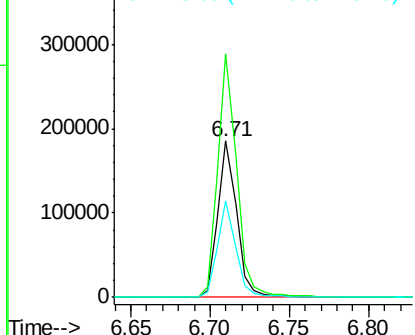
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102645.D
 Acq: 30 Jan 2018 17:53

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONE

Tot Ion:152 Resp: 154345
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 61.7 50.1 75.1



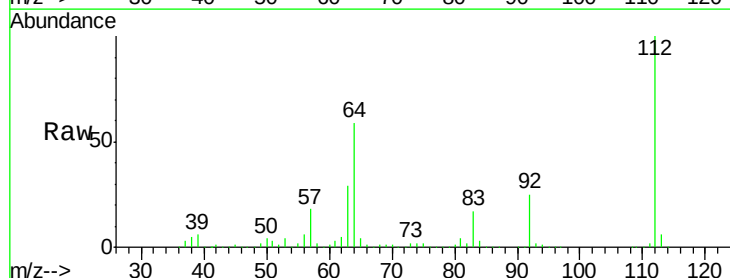
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



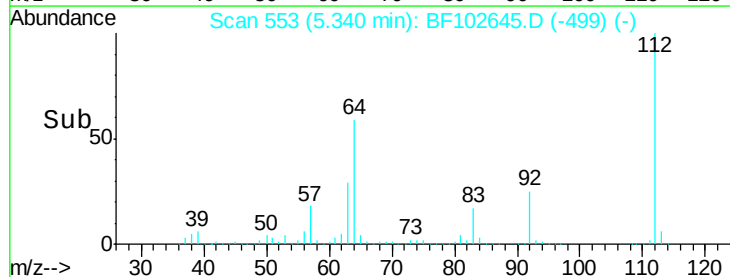
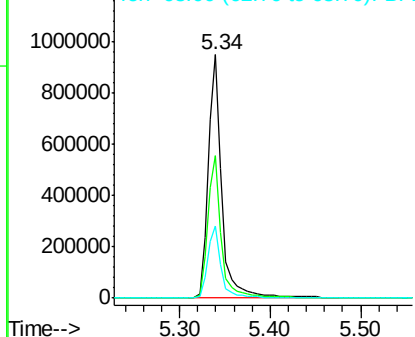
#5

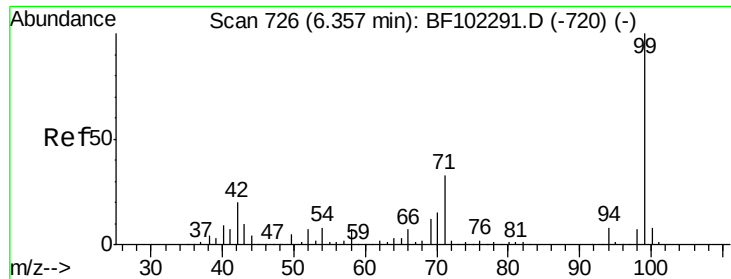
2-Fluorophenol
 Concen: 99.526 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF102645.D
 Acq: 30 Jan 2018 17:53

Tgt Ion:112 Resp: 1013105
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.9 71.9
 63 29.4 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: 90.342 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102645.D

Acq: 30 Jan 2018 17:53

Instrument :

BNA_F

ClientSampleId :

OILY-STONE

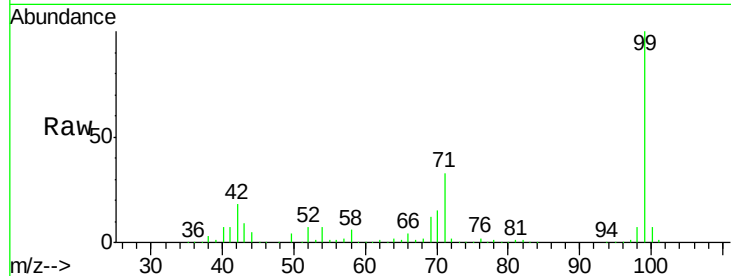
Tot Ion: 99 Resp: 1108684

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

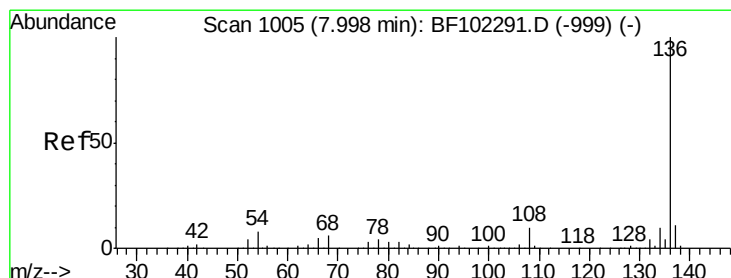
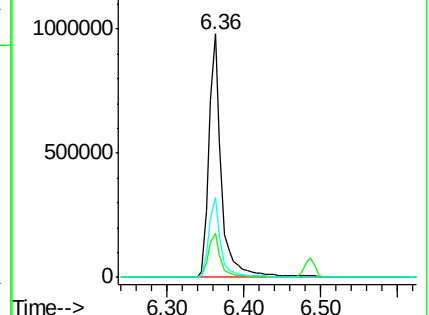
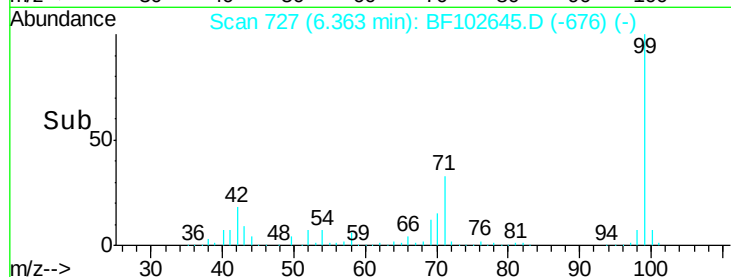
71 32.5 25.4 38.0



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: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102645.D

Acq: 30 Jan 2018 17:53

Tgt Ion: 136 Resp: 636021

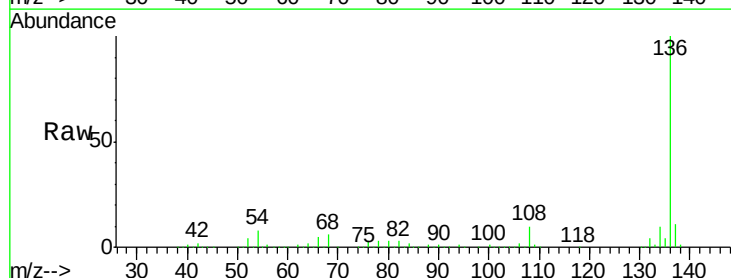
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.9 6.6 9.8

68 5.8 5.0 7.4

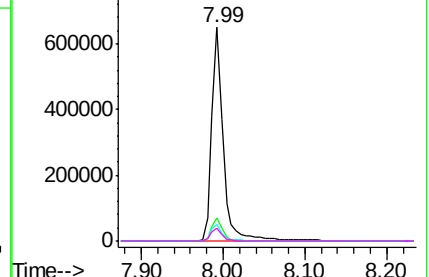
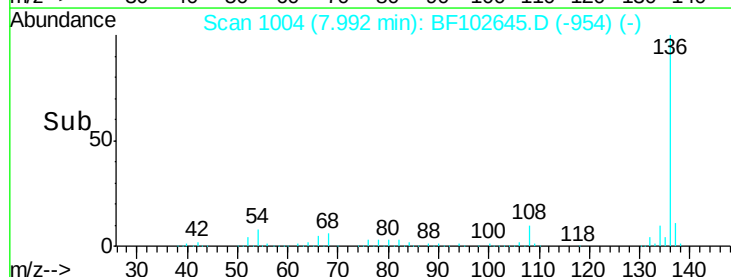


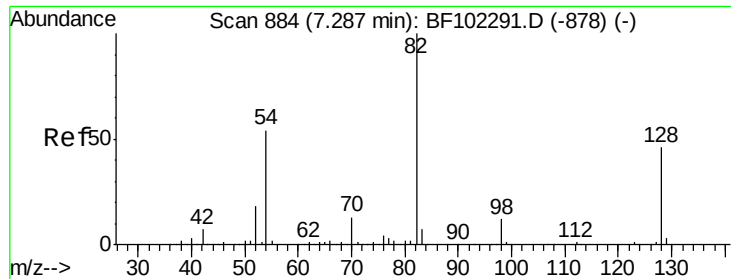
Abundance Ion 136.00 (135.70 to 136.70): E

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

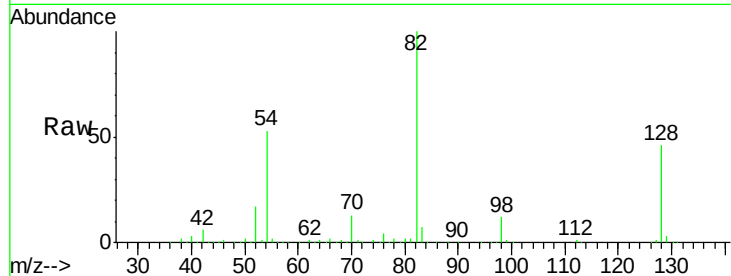




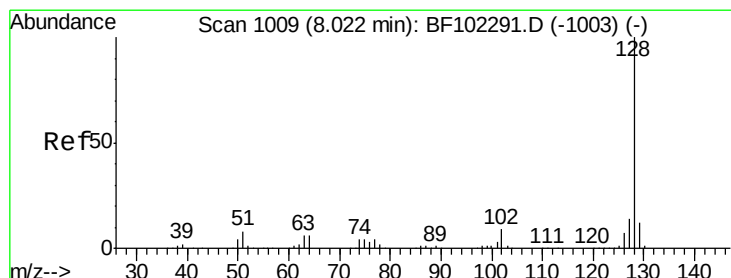
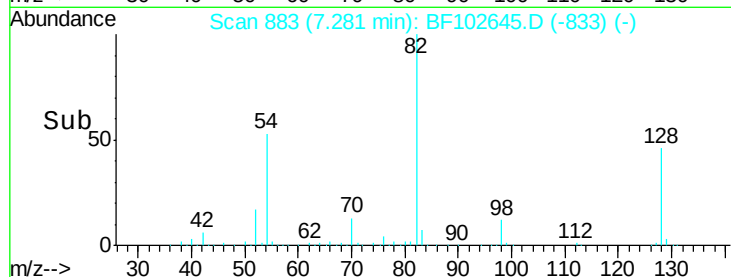
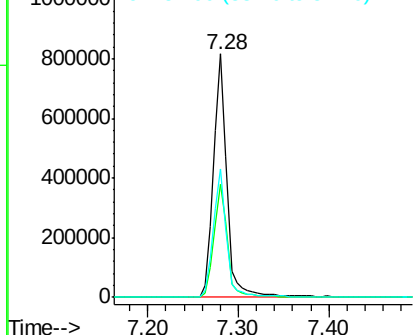
#23
Nitrobenzene-d5
Concen: 77.289 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102645.D
Acq: 30 Jan 2018 17:53

Instrument :
BNA_F
ClientSampleId :
OILY-STONE

Tot Ion: 82 Resp: 855404
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 52.9 41.4 62.2

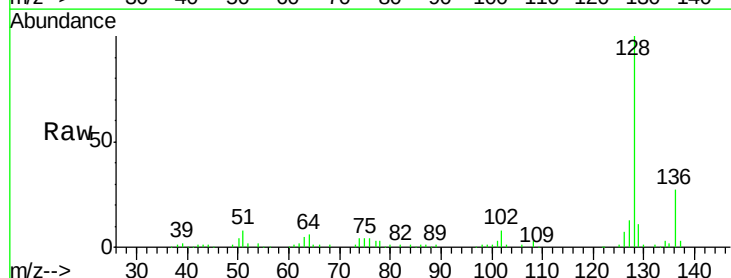


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

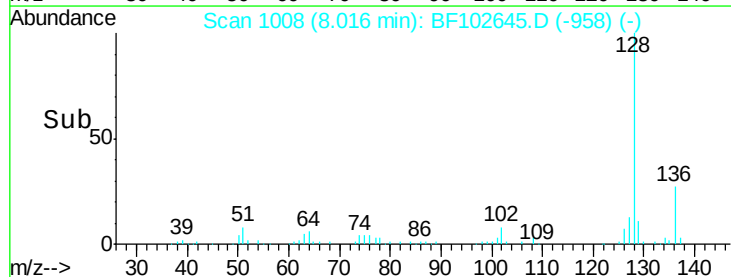
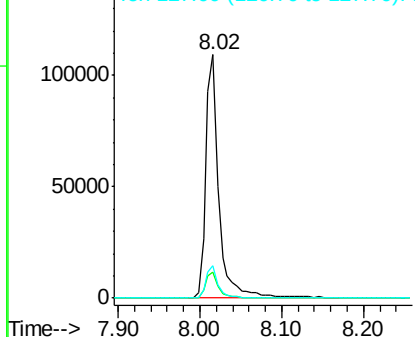


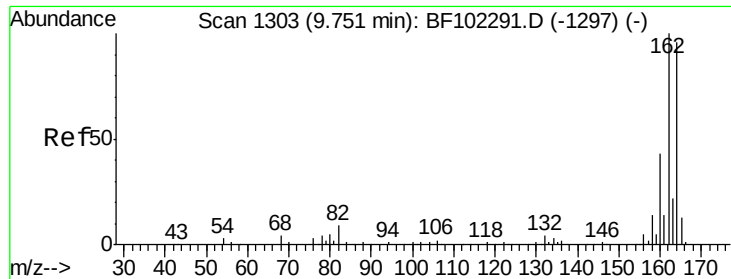
#31
Naphthalene
Concen: 3.825 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF102645.D
Acq: 30 Jan 2018 17:53

Tgt Ion: 128 Resp: 121452
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.3 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

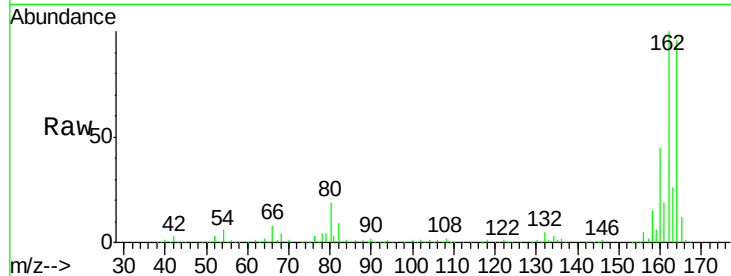




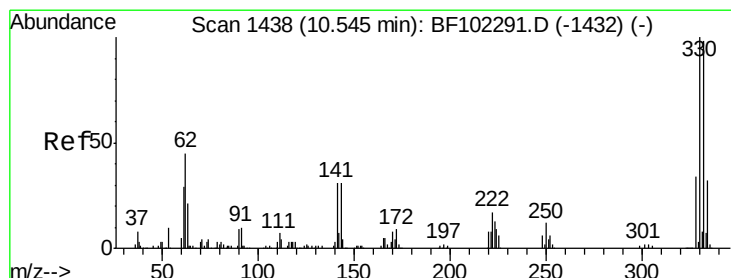
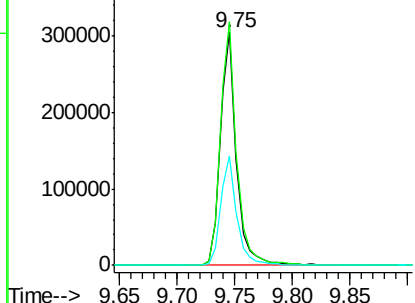
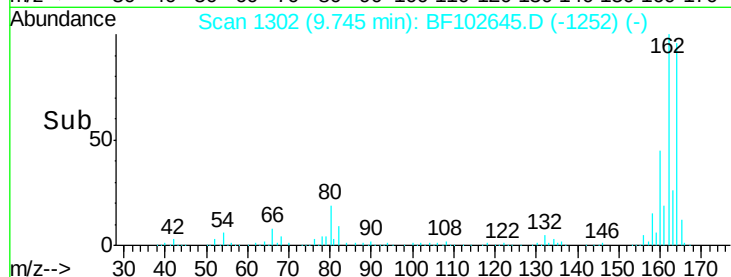
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102645.D
 Acq: 30 Jan 2018 17:53

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONE

Tot Ion:164 Resp: 294225
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 47.0 38.3 57.5

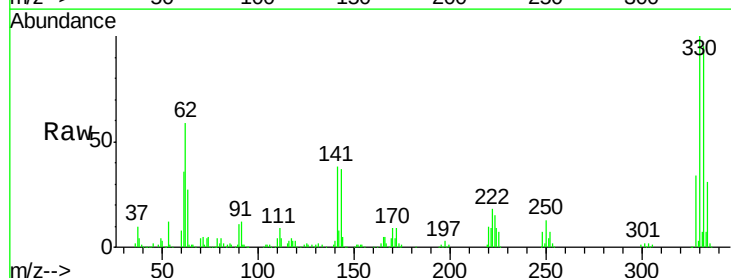


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

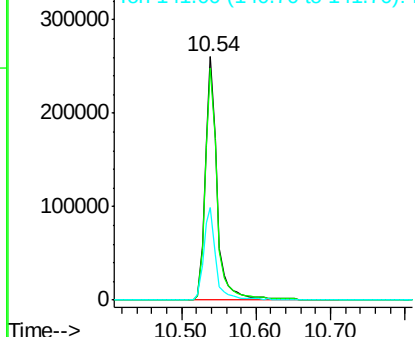
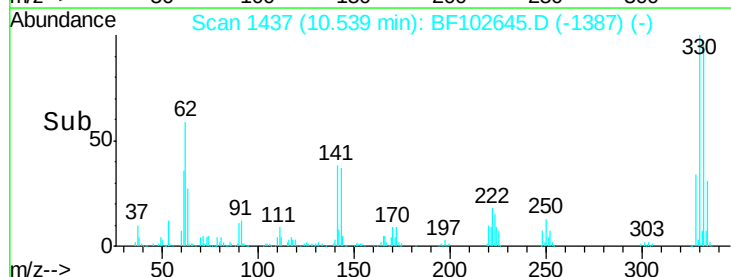


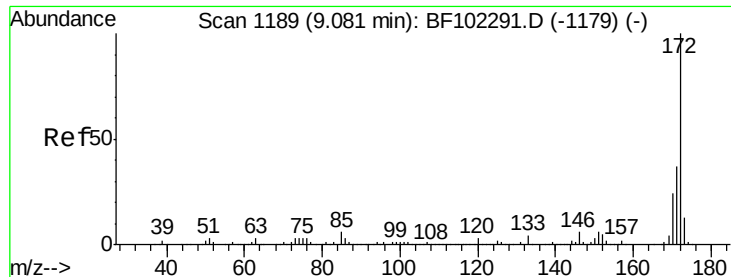
#41
 2,4,6-Tribromophenol
 Concen: 99.718 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102645.D
 Acq: 30 Jan 2018 17:53

Tgt Ion:330 Resp: 290712
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 39.5 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



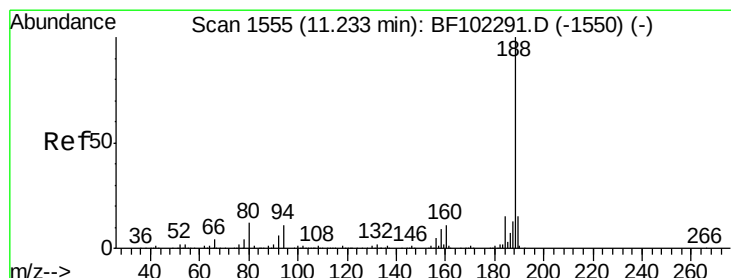
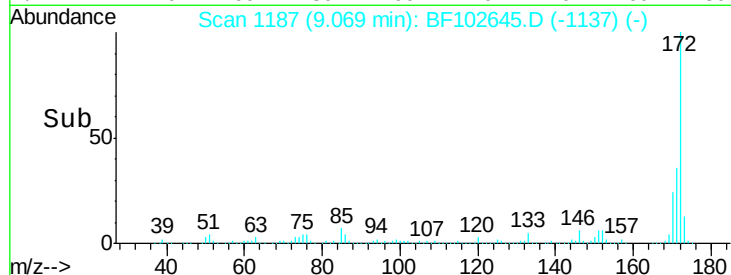
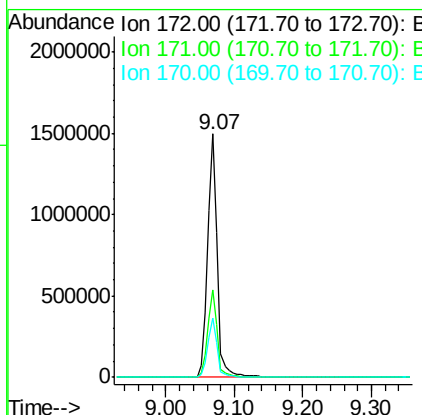
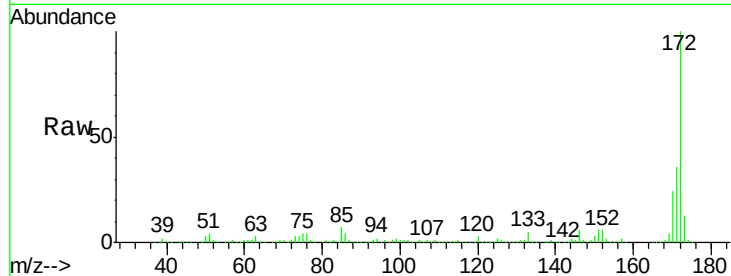


#44
 2-Fluorobiphenyl
 Concen: 75.894 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102645.D
 Acq: 30 Jan 2018 17:53

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONE

Tot Ion:172 Resp: 1518680

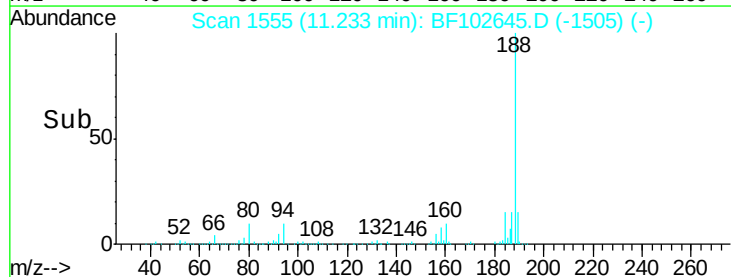
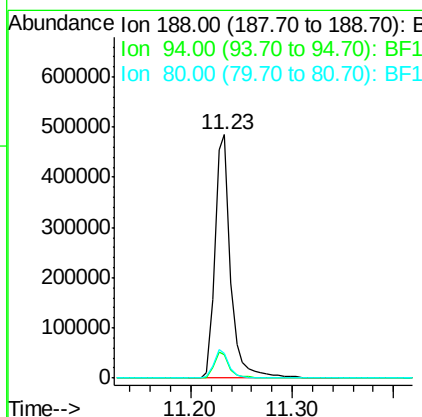
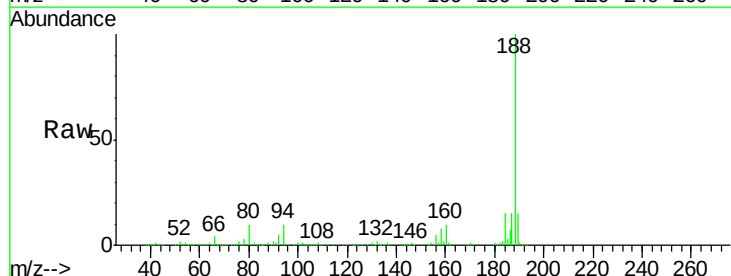
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.5	19.6	29.4

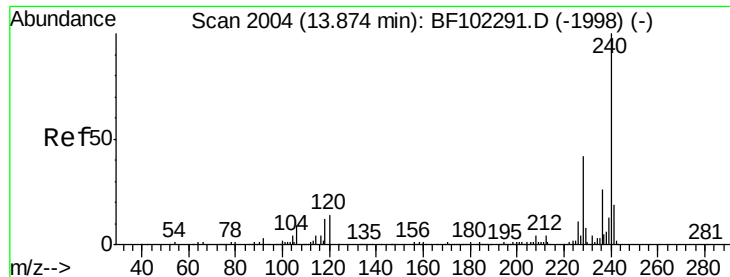


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102645.D
 Acq: 30 Jan 2018 17:53

Tgt Ion:188 Resp: 521671

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.4	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102645.D

Acq: 30 Jan 2018 17:53

Instrument :

BNA_F

ClientSampleId :

OILY-STONE

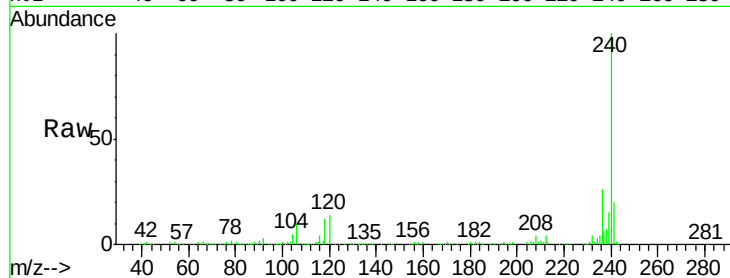
Tot Ion:240 Resp: 388672

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

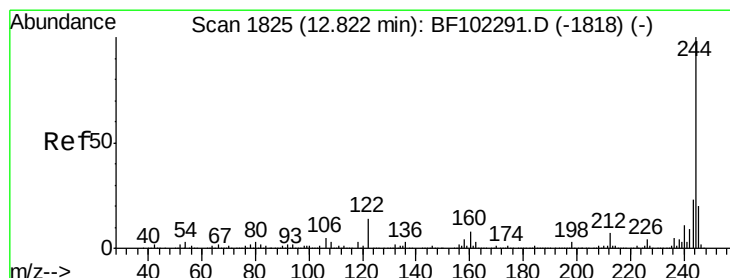
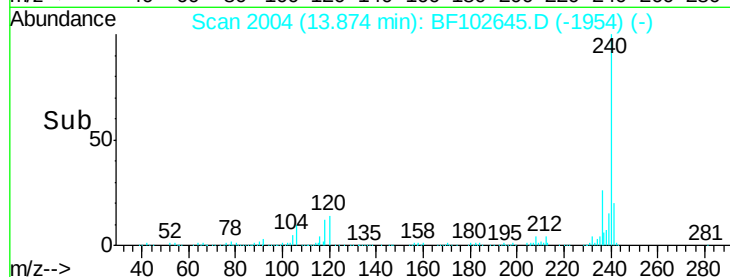
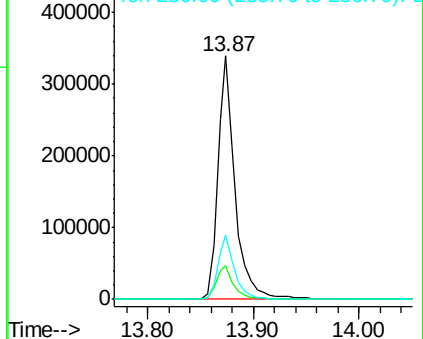
236 26.3 20.7 31.1



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: 83.078 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102645.D

Acq: 30 Jan 2018 17:53

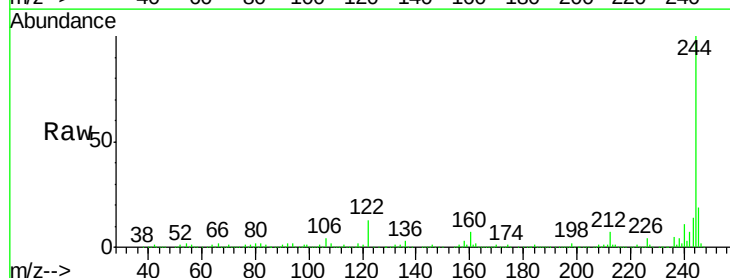
Tgt Ion:244 Resp: 1432335

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

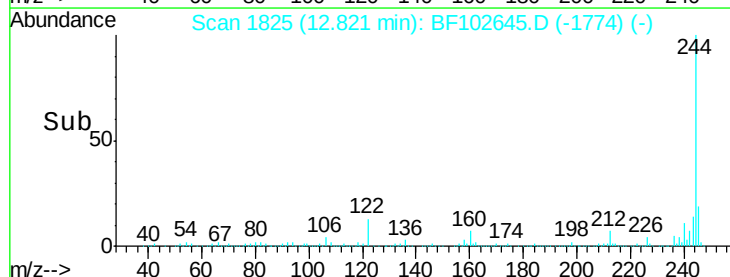
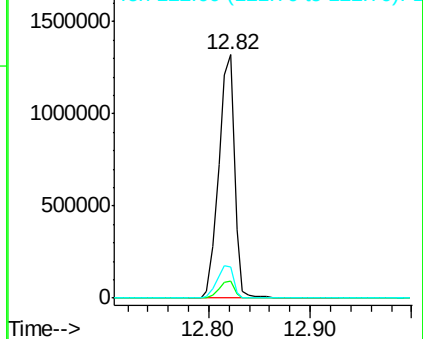
122 12.8 11.0 16.4

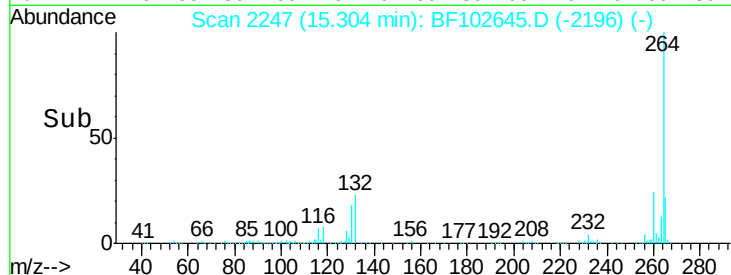
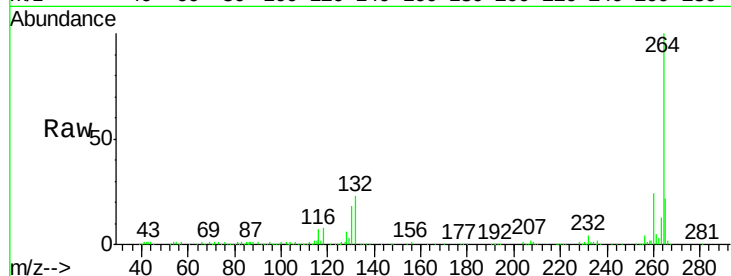
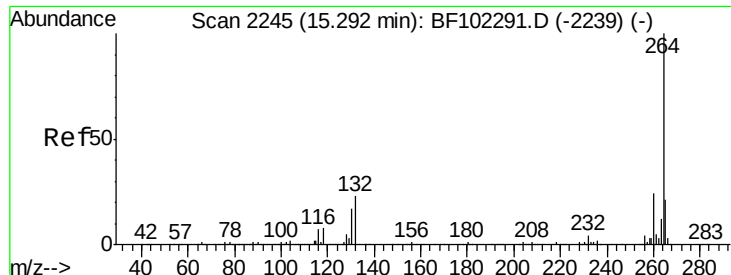


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 2247
 Delta R.T. -0.00 min
 Lab File: BF102645.D
 Acq: 30 Jan 2018 17:53

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONE

Tot Ion:	264	Resp:	278162
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.5	26.3

