

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102543.D
 Acq On : 28 Jan 2018 7:02
 Operator : SJ/JU
 Sample : PB106115BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

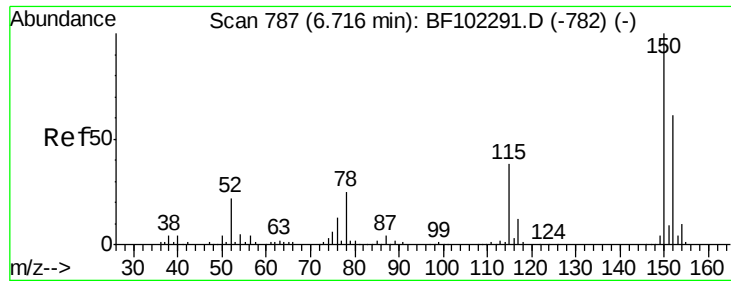
Instrument :
 BNA_F
 ClientSampleId :
 PB106115BL

Quant Time: Jan 29 00:27:49 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	171505	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	711791	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	266020	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	413167	20.00	ng	0.00
75) Chrysene-d12	13.87	240	291733	20.00	ng	0.00
86) Perylene-d12	15.30	264	210853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1238708	109.51	ng	0.01
7) Phenol-d6	6.36	99	1476484	108.27	ng	0.00
23) Nitrobenzene-d5	7.28	82	933458	75.36	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	206581	78.37	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1494030	82.58	ng	0.00
78) Terphenyl-d14	12.82	244	1027209	79.38	ng	0.00

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

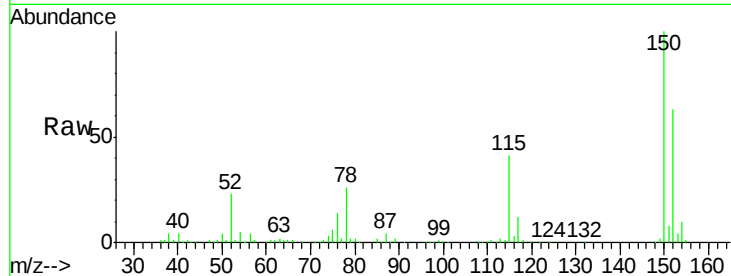


#1

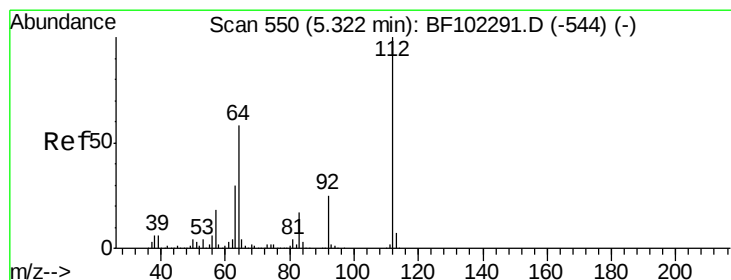
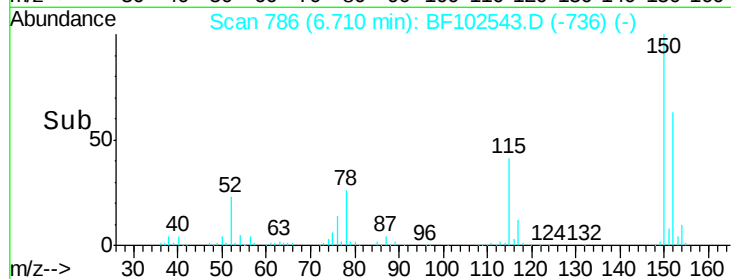
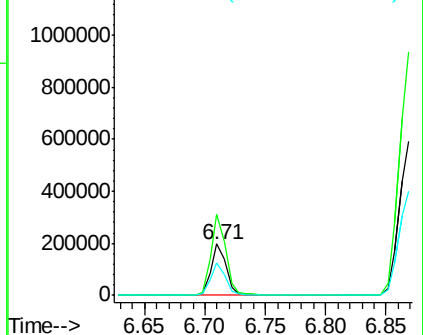
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102543.D
Acq: 28 Jan 2018 7:02

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ClientSampleId :
PB106115BL

Tgt Ion:152 Resp: 171505
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 64.5 50.1 75.1



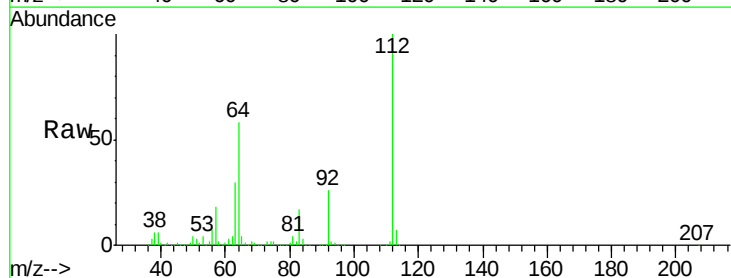
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



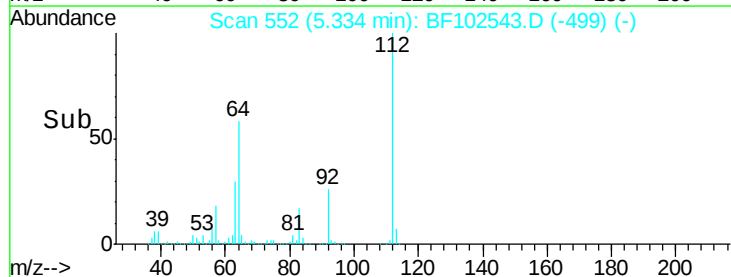
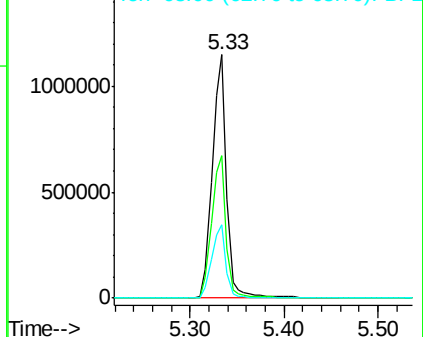
#5

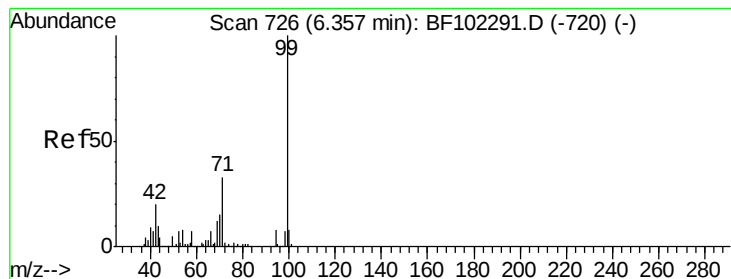
2-Fluorophenol
Concen: 109.513 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102543.D
Acq: 28 Jan 2018 7:02

Tgt Ion:112 Resp: 1238708
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 30.2 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: 108.274 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102543.D

Acq: 28 Jan 2018 7:02

Instrument :

BNA_F

ClientSampleId :

PB106115BL

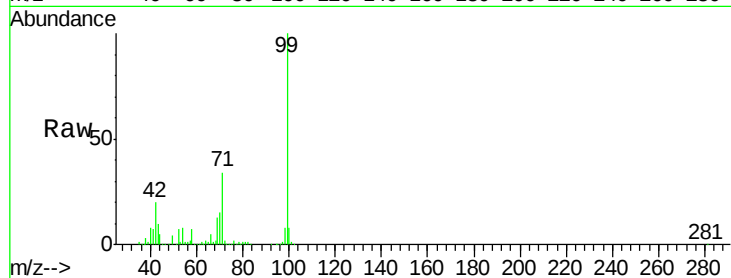
Tgt Ion: 99 Resp: 1476484

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

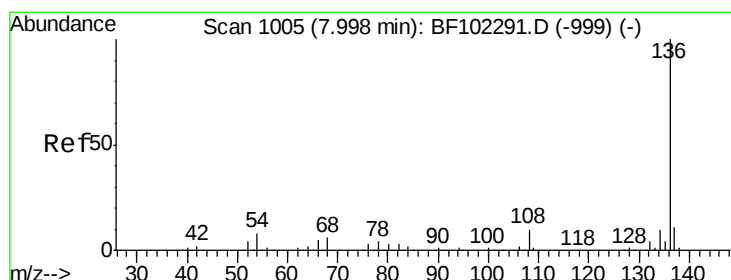
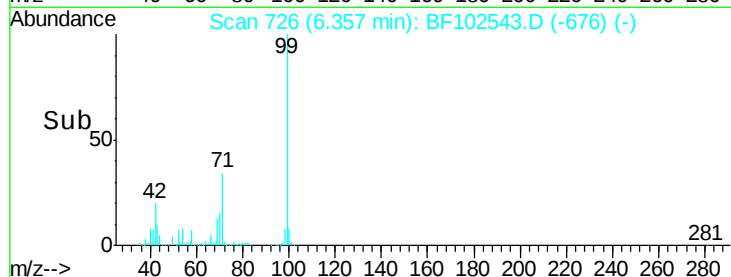
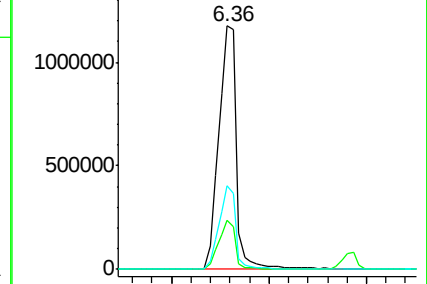
71 34.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102543.D

Acq: 28 Jan 2018 7:02

Tgt Ion: 136 Resp: 711791

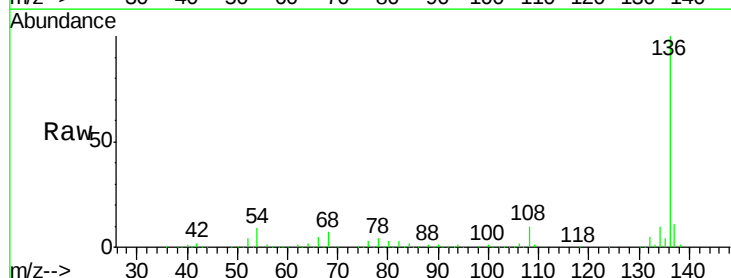
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.9 6.6 9.8

68 6.6 5.0 7.4

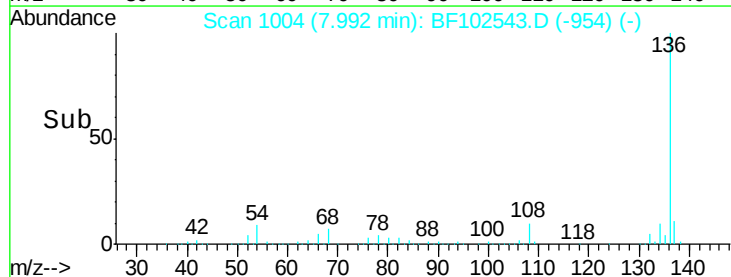
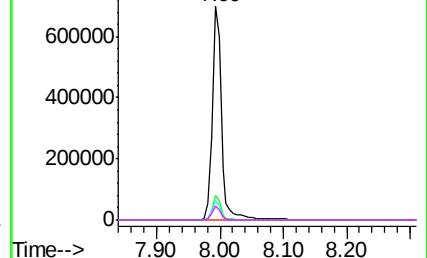


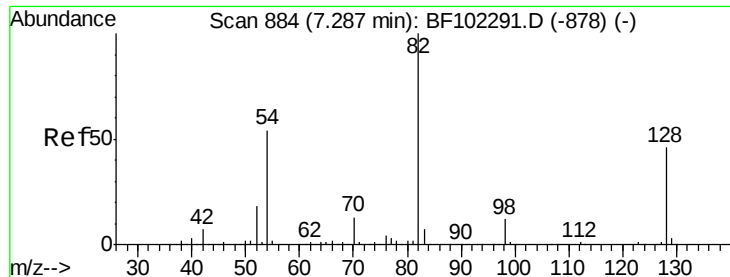
Abundance Ion 136.00 (135.70 to 136.70): E

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

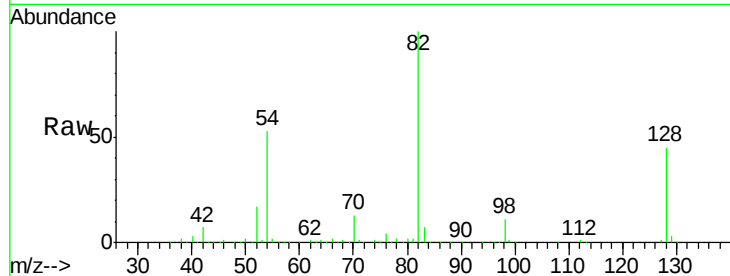




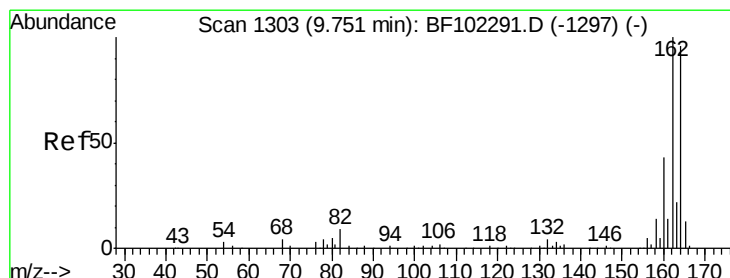
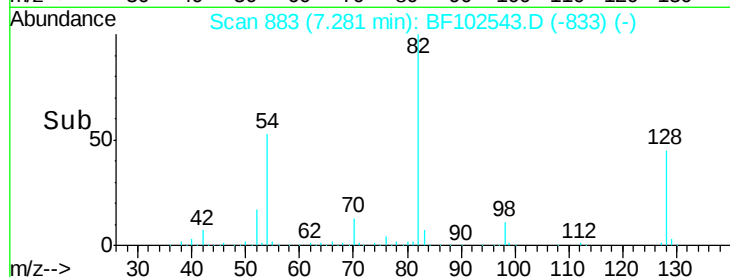
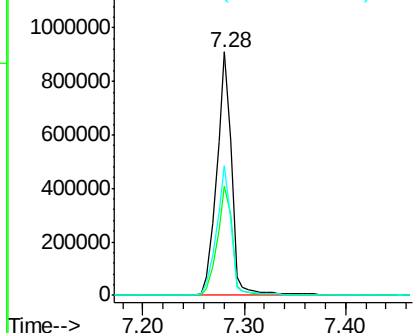
#23
Nitrobenzene-d5
Concen: 75.363 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102543.D
Acq: 28 Jan 2018 7:02

Instrument :
BNA_F
ClientSampleId :
PB106115BL

Tgt Ion: 82 Resp: 933458
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 53.2 41.4 62.2

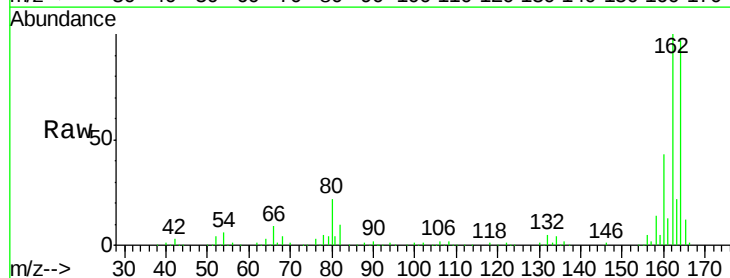


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

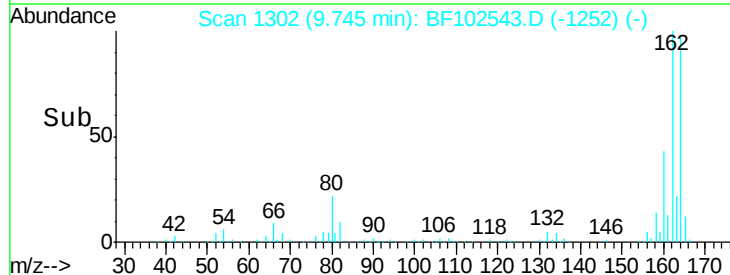
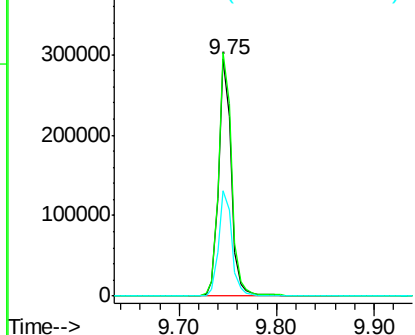


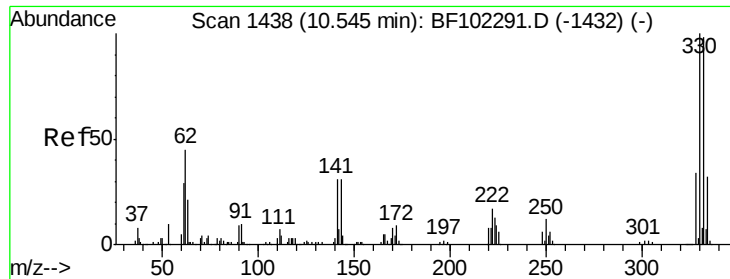
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102543.D
Acq: 28 Jan 2018 7:02

Tgt Ion: 164 Resp: 266020
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 44.4 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

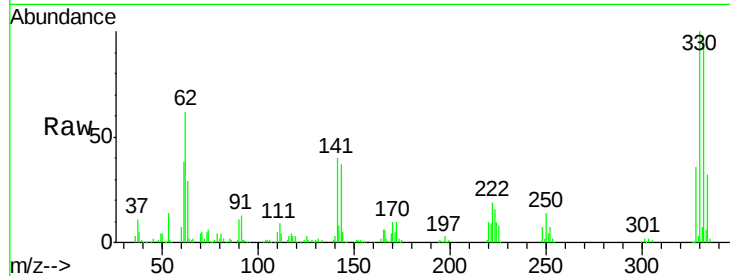




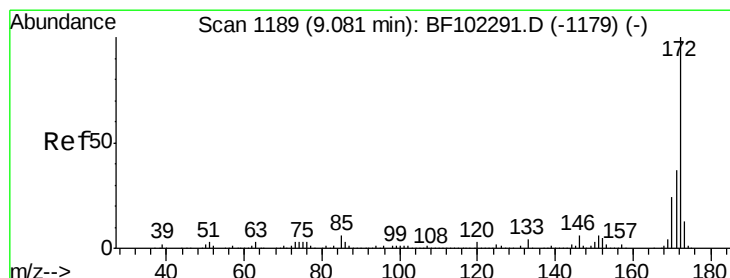
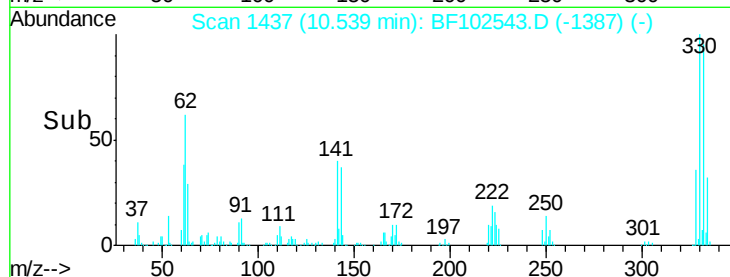
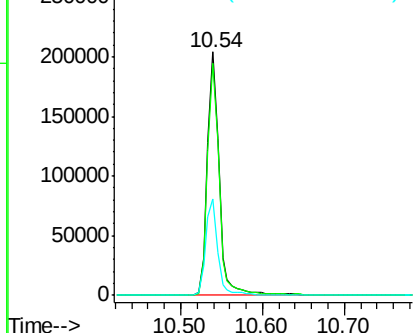
#41
 2,4,6-Tribromophenol
 Concen: 78.373 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102543.D
 Acq: 28 Jan 2018 7:02

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BL

Tgt Ion:330 Resp: 206581
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 40.3 29.9 44.9

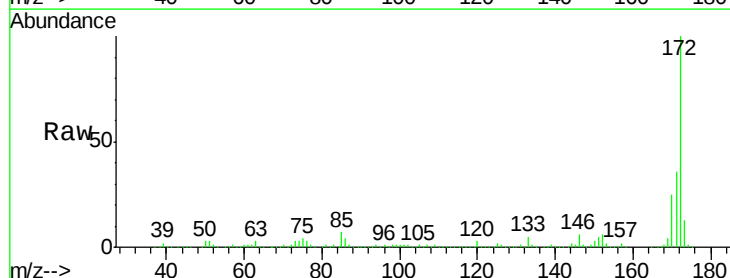


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

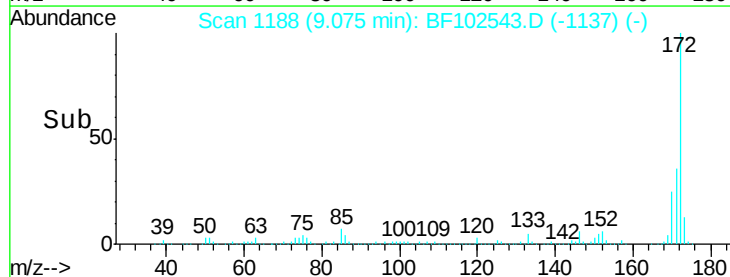
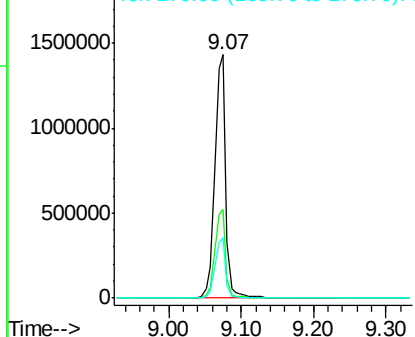


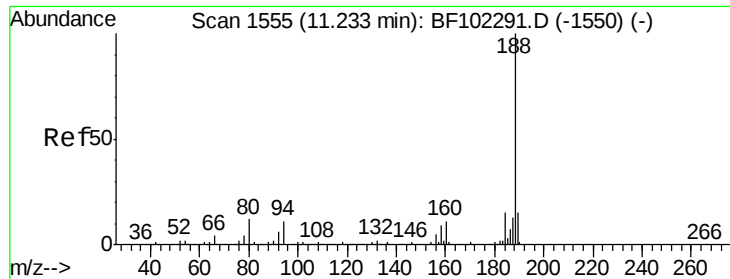
#44
 2-Fluorobiphenyl
 Concen: 82.578 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102543.D
 Acq: 28 Jan 2018 7:02

Tgt Ion:172 Resp: 1494030
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.8 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

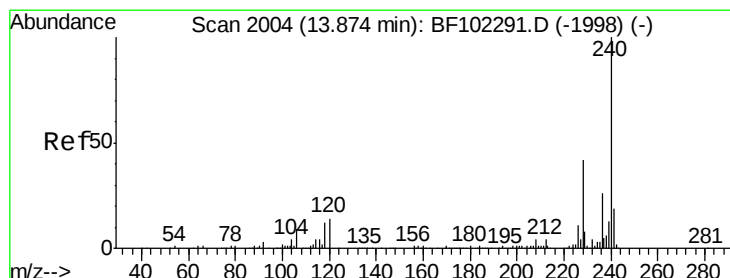
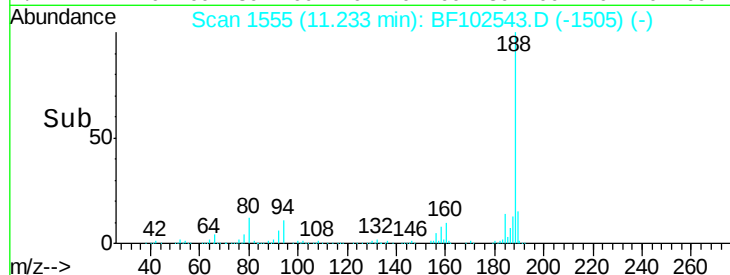
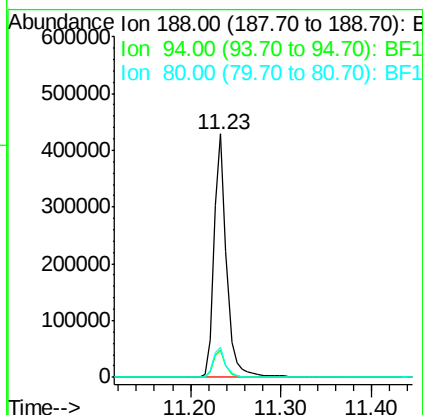
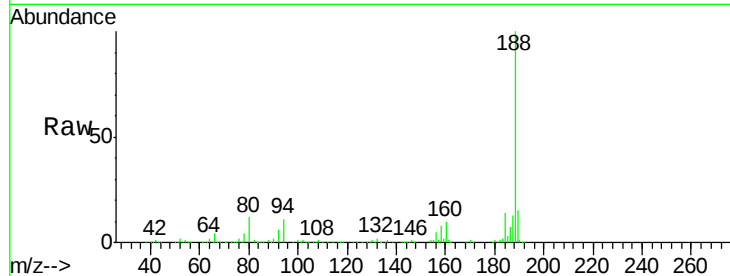




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102543.D
Acq: 28 Jan 2018 7:02

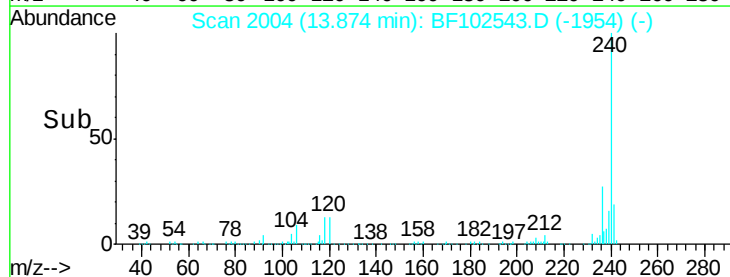
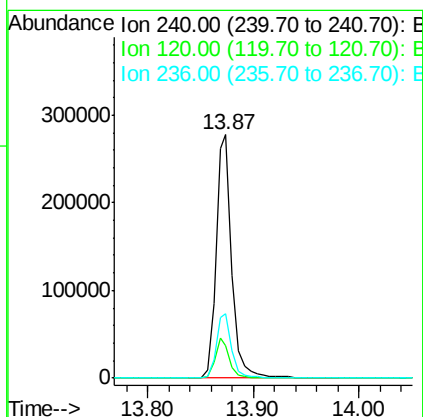
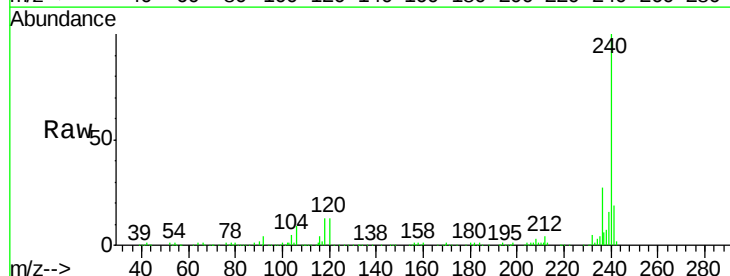
Instrument :
BNA_F
ClientSampleId :
PB106115BL

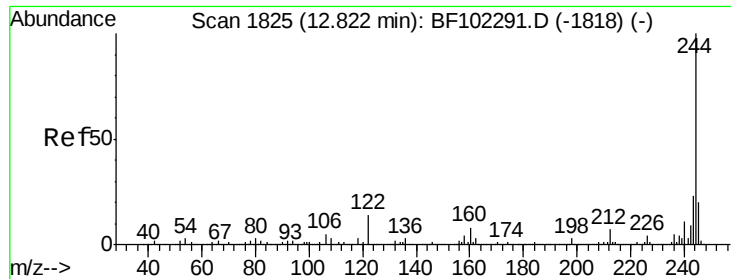
Tgt Ion:188 Resp: 413167
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102543.D
Acq: 28 Jan 2018 7:02

Tgt Ion:240 Resp: 291733
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 26.6 20.7 31.1

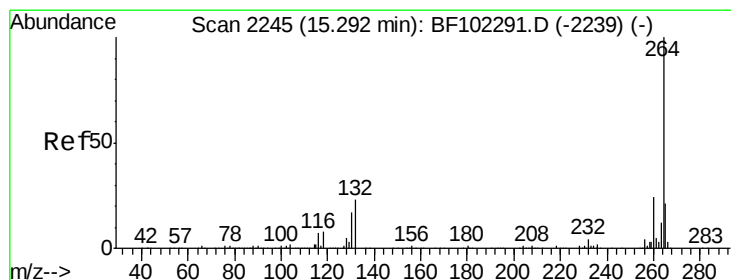
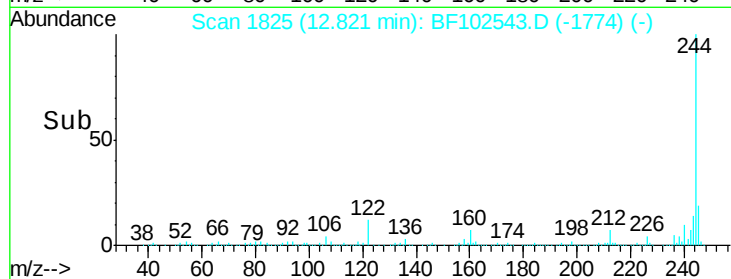
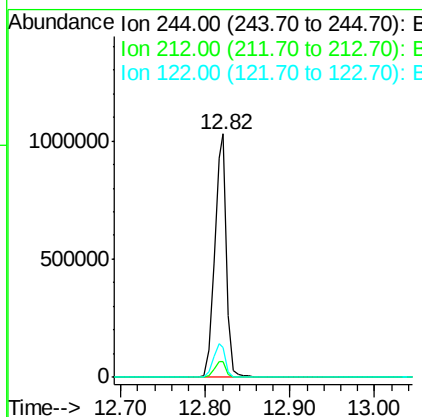
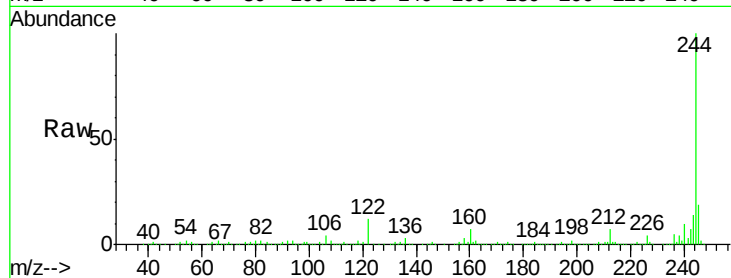




#78
 Terphenyl-d14
 Concen: 79.377 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF102543.D
 Acq: 28 Jan 2018 7:02

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BL

Tgt Ion:244 Resp: 1027209
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.2 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: BF102543.D
 Acq: 28 Jan 2018 7:02

Tgt Ion:264 Resp: 210853
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 22.0 17.5 26.3

