

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF013018\
 Data File : BF102634.D
 Acq On : 30 Jan 2018 12:54
 Operator : SJ/JU
 Sample : PB106136BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

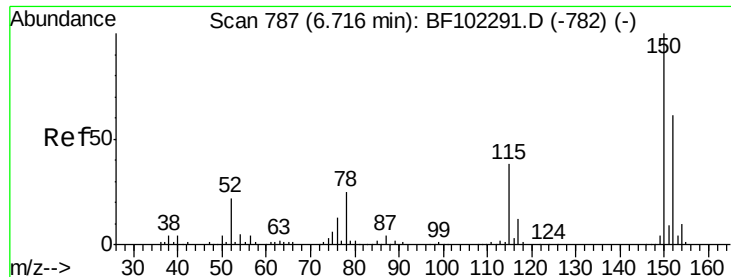
Instrument :
 BNA_F
 ClientSampleId :
 PB106136BL

Quant Time: Jan 30 22:41:20 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	142325	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	588550	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	269414	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	483462	20.00	ng	0.00
75) Chrysene-d12	13.87	240	415679	20.00	ng	0.00
86) Perylene-d12	15.30	264	334850	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1025188	109.22	ng	0.01
7) Phenol-d6	6.36	99	1224830	108.24	ng	0.00
23) Nitrobenzene-d5	7.28	82	759388	74.15	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	262437	98.31	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1389295	75.82	ng	0.00
78) Terphenyl-d14	12.82	244	1307839	70.93	ng	0.00

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

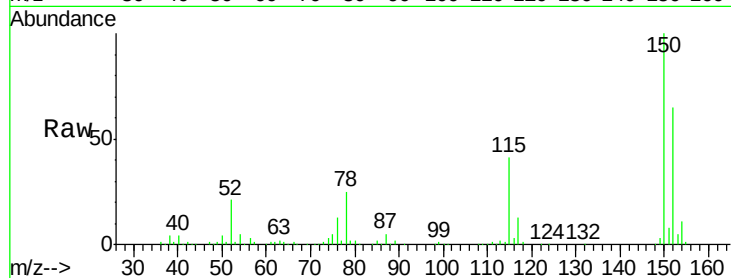


#1

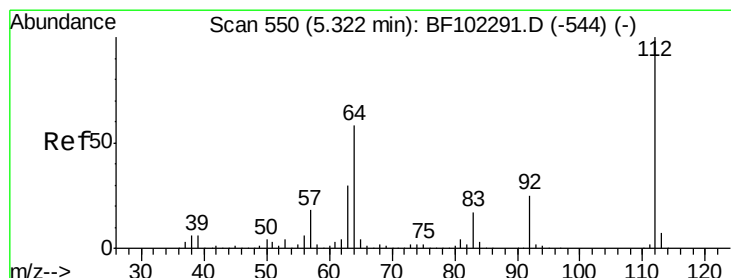
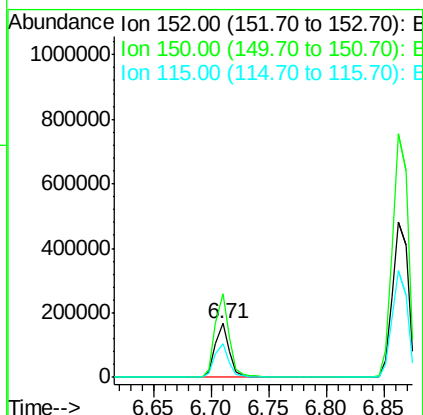
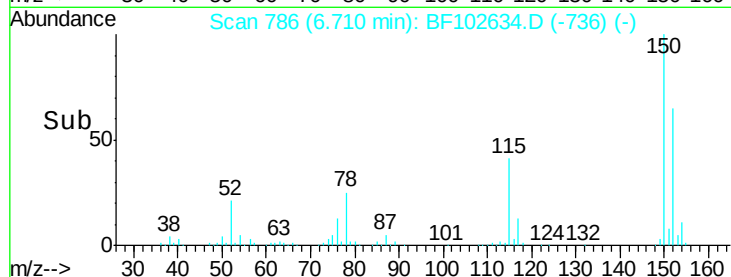
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102634.D
Acq: 30 Jan 2018 12:54

Instrument :
BNA_F
ClientSampleId :
PB106136BL

Tgt Ion:152 Resp: 142325
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 62.4 50.1 75.1



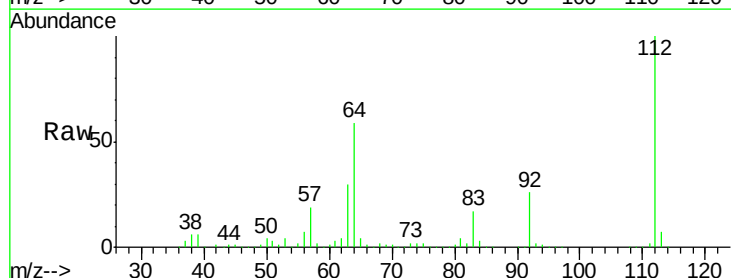
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



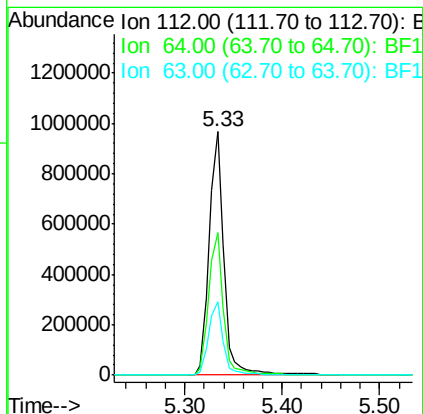
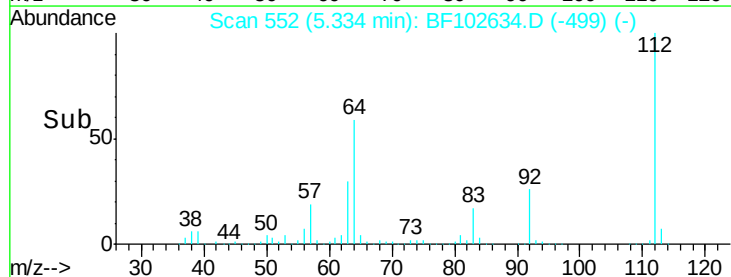
#5

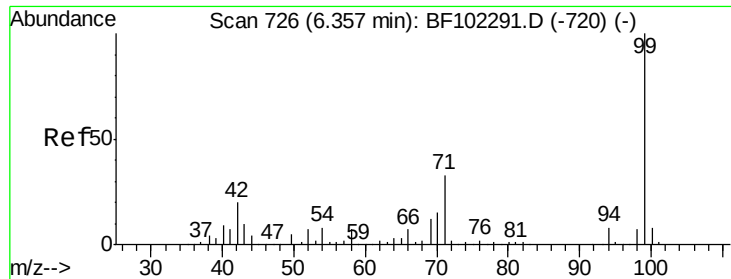
2-Fluorophenol
Concen: 109.218 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102634.D
Acq: 30 Jan 2018 12:54

Tgt Ion:112 Resp: 1025188
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 30.0 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: 108.235 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102634.D

Acq: 30 Jan 2018 12:54

Instrument :

BNA_F

ClientSampleId :

PB106136BL

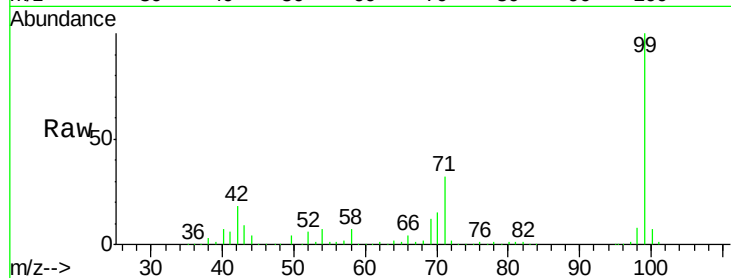
Tgt Ion: 99 Resp: 1224830

Ion Ratio Lower Upper

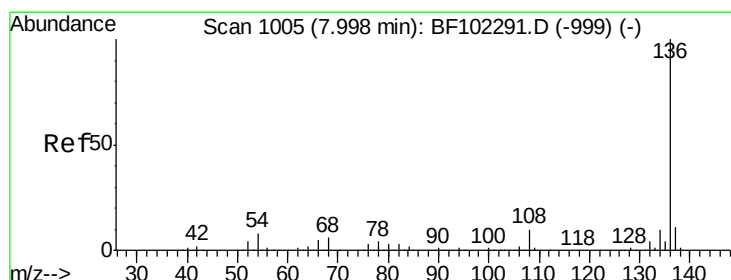
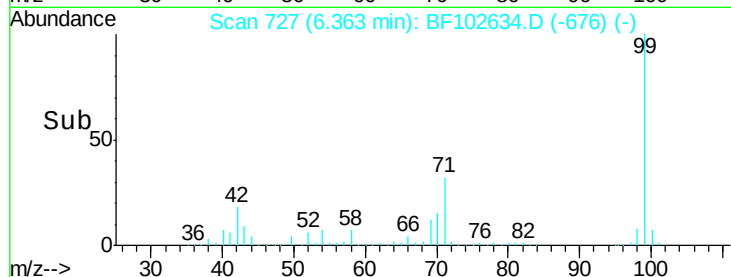
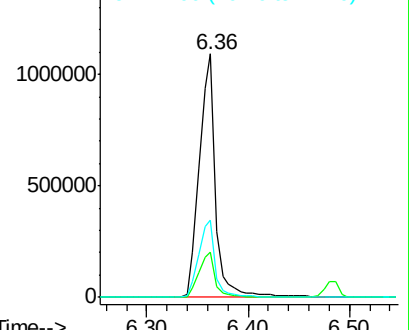
99 100

42 18.4 14.5 21.7

71 31.9 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: BF102634.D

Acq: 30 Jan 2018 12:54

Tgt Ion: 136 Resp: 588550

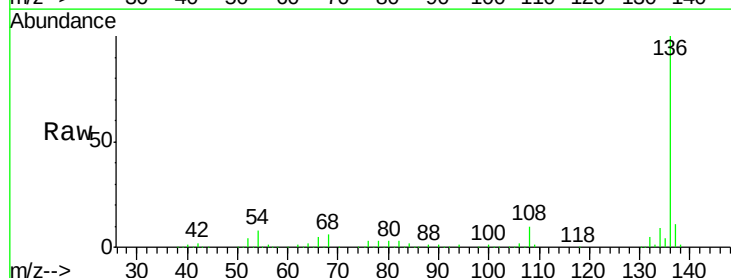
Ion Ratio Lower Upper

136 100

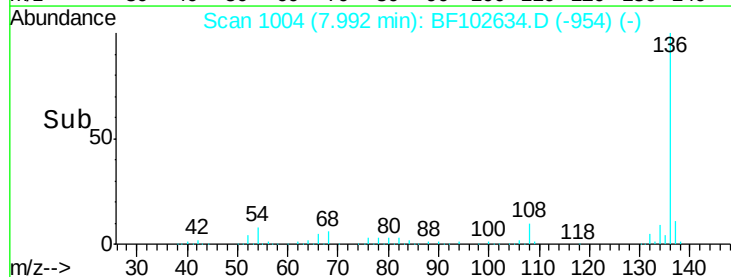
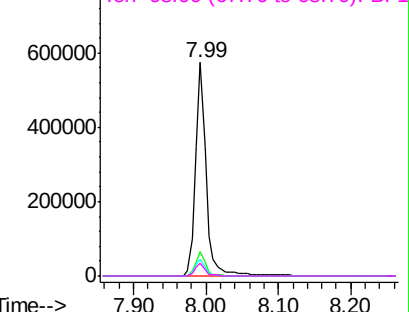
137 11.1 8.9 13.3

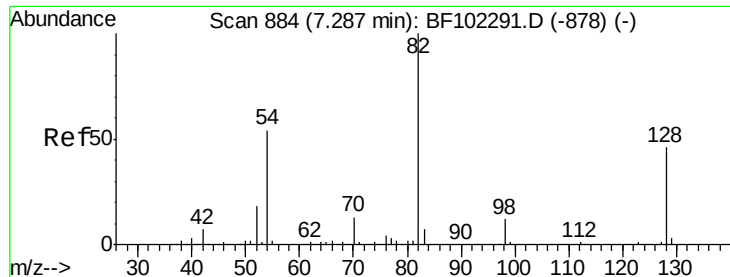
54 7.9 6.6 9.8

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

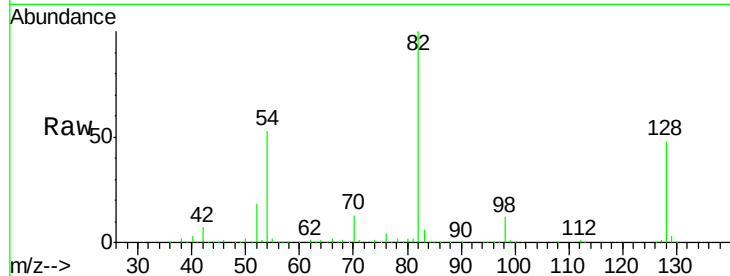




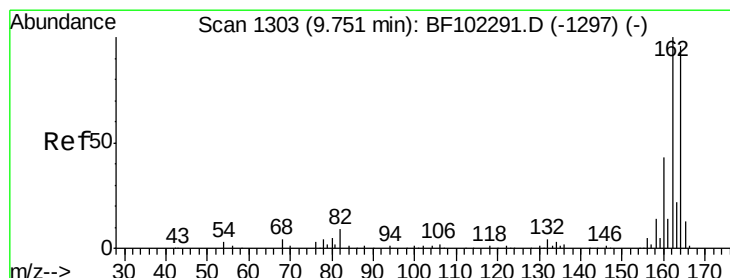
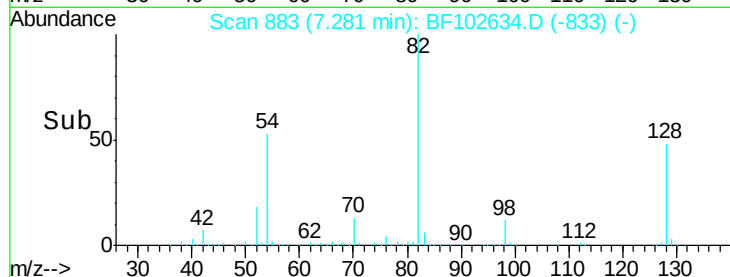
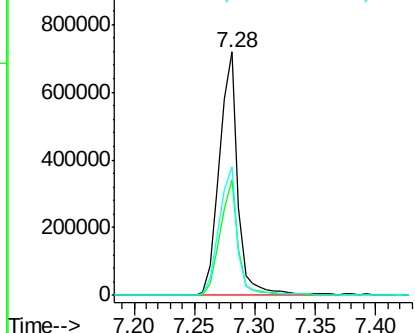
#23
Nitrobenzene-d5
Concen: 74.148 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102634.D
Acq: 30 Jan 2018 12:54

Instrument :
BNA_F
ClientSampleId :
PB106136BL

Tgt Ion: 82 Resp: 759388
Ion Ratio Lower Upper
82 100
128 47.6 36.1 54.1
54 52.9 41.4 62.2

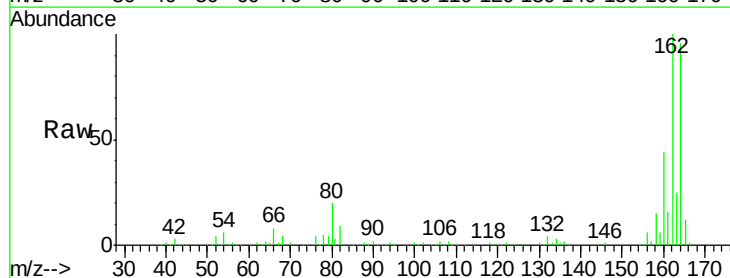


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

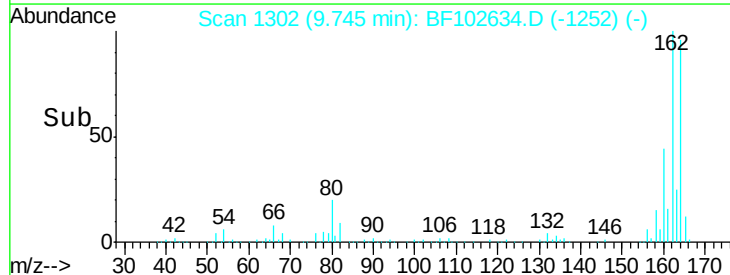
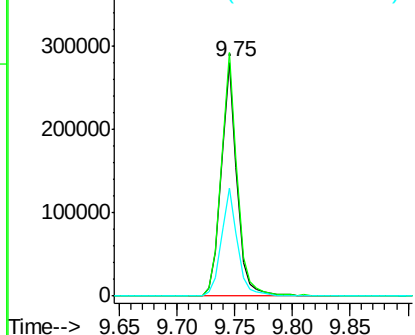


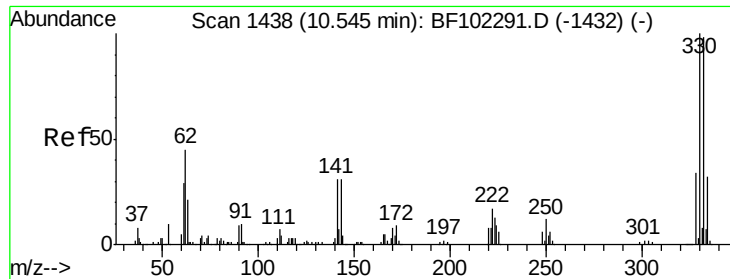
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102634.D
Acq: 30 Jan 2018 12:54

Tgt Ion: 164 Resp: 269414
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 46.0 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

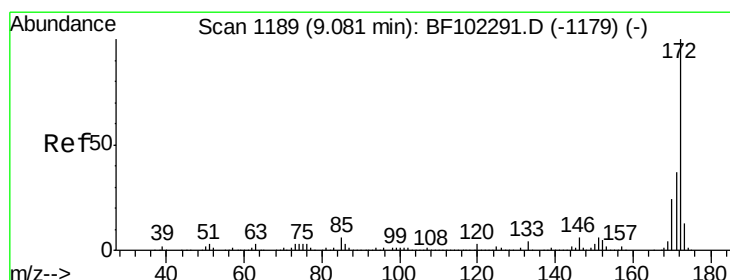
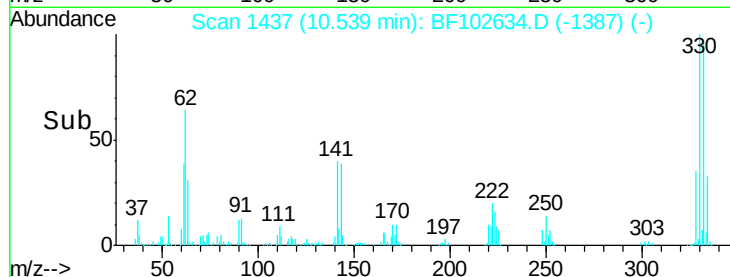
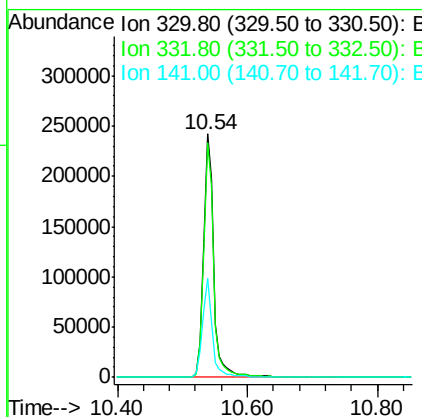
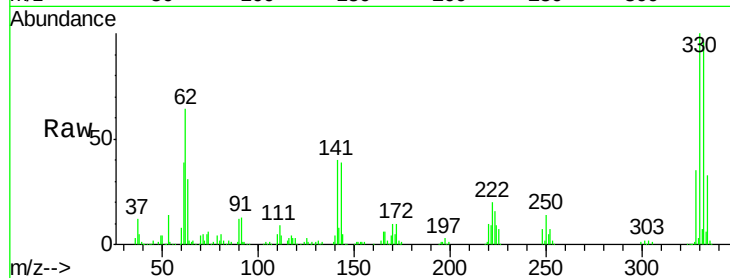




#41
 2,4,6-Tribromophenol
 Concen: 98.309 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102634.D
 Acq: 30 Jan 2018 12:54

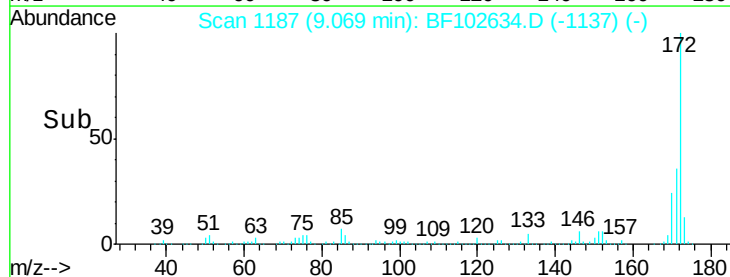
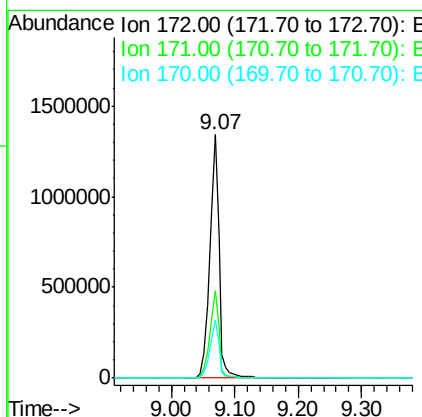
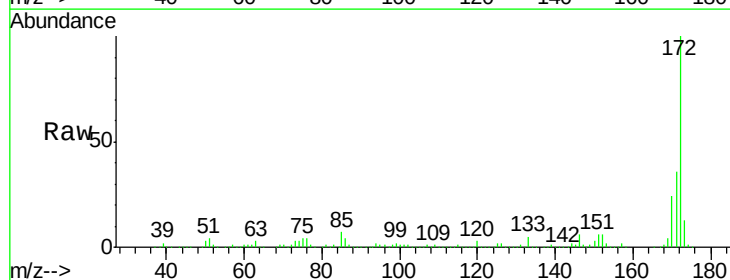
Instrument :
 BNA_F
 ClientSampleId :
 PB106136BL

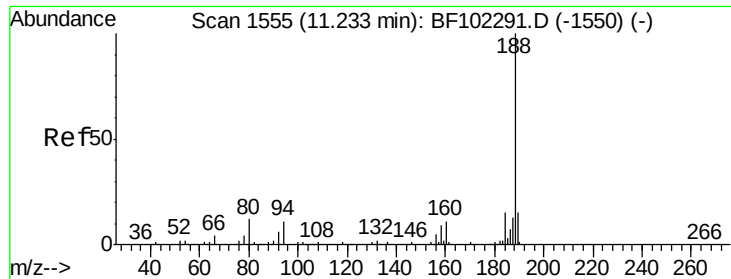
Tgt Ion:330 Resp: 262437
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 39.4 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 75.822 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102634.D
 Acq: 30 Jan 2018 12:54

Tgt Ion:172 Resp: 1389295
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.0 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: BF102634.D

Acq: 30 Jan 2018 12:54

Instrument :

BNA_F

ClientSampleId :

PB106136BL

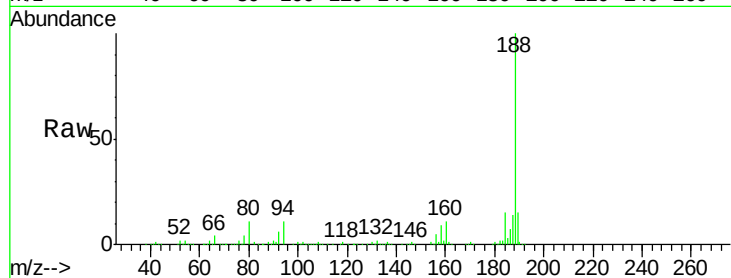
Tgt Ion:188 Resp: 483462

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

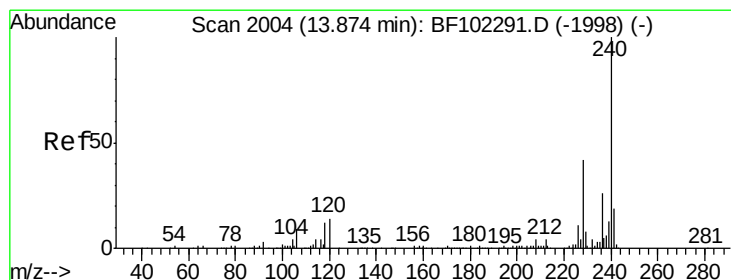
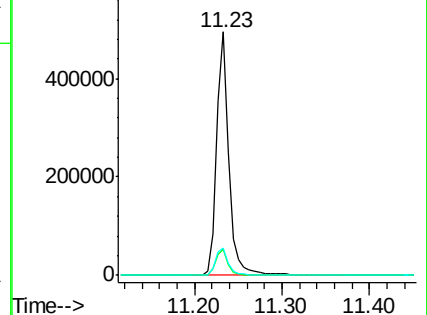
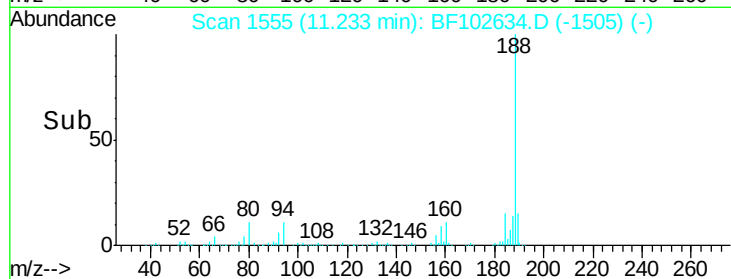
80 11.2 9.2 13.8



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: BF102634.D

Acq: 30 Jan 2018 12:54

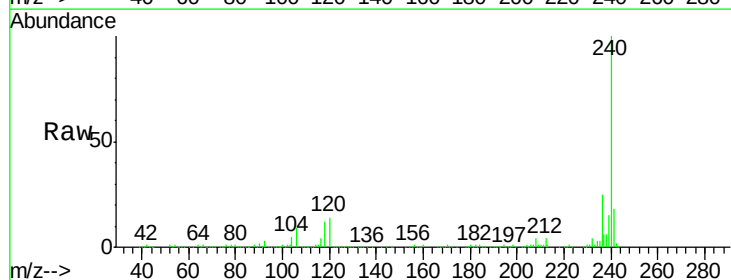
Tgt Ion:240 Resp: 415679

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

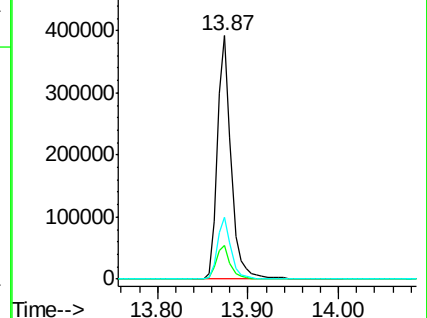
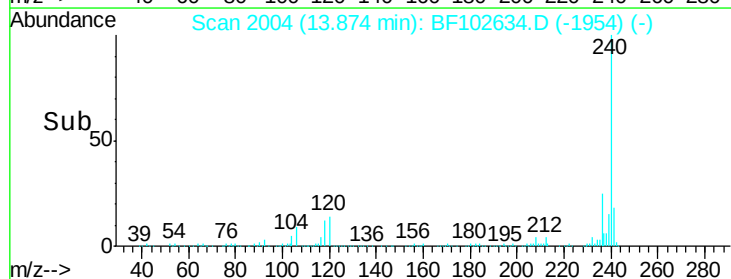
236 25.2 20.7 31.1

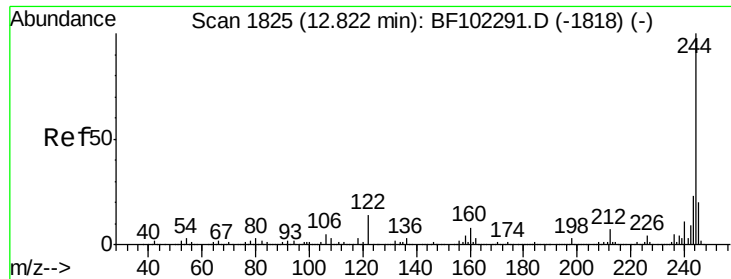


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.928 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102634.D

Acq: 30 Jan 2018 12:54

Instrument :

BNA_F

ClientSampleId :

PB106136BL

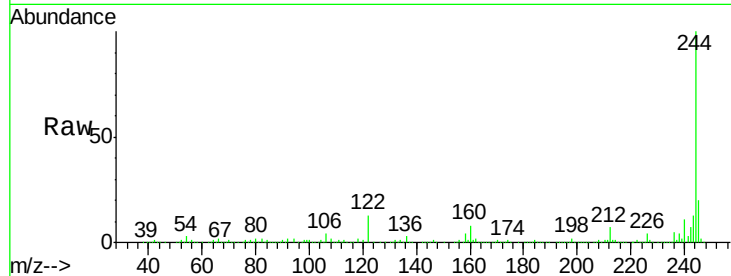
Tgt Ion:244 Resp: 1307839

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

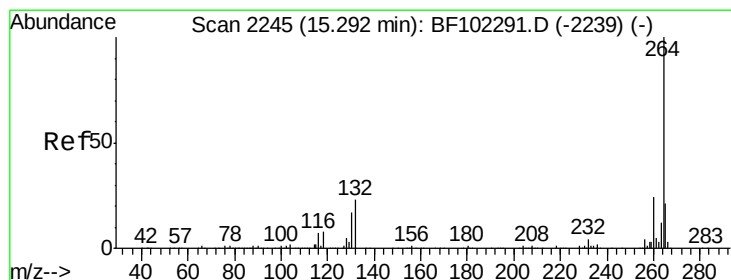
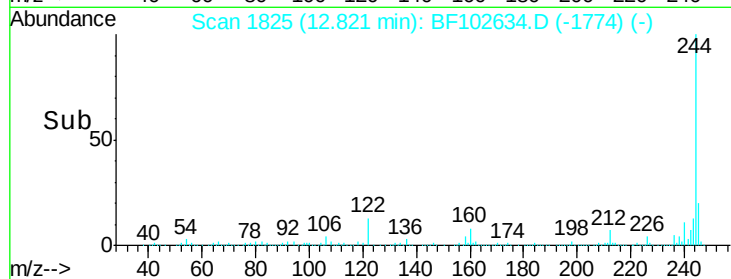
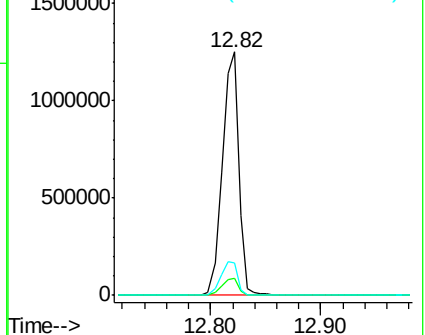
122 13.3 11.0 16.4



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# 2247

Delta R.T. -0.00 min

Lab File: BF102634.D

Acq: 30 Jan 2018 12:54

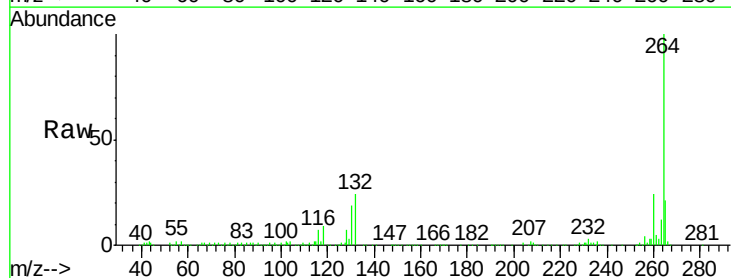
Tgt Ion:264 Resp: 334850

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.5 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

