

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102683.D
 Acq On : 1 Feb 2018 4:11
 Operator : SJ/JU
 Sample : PB106224BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

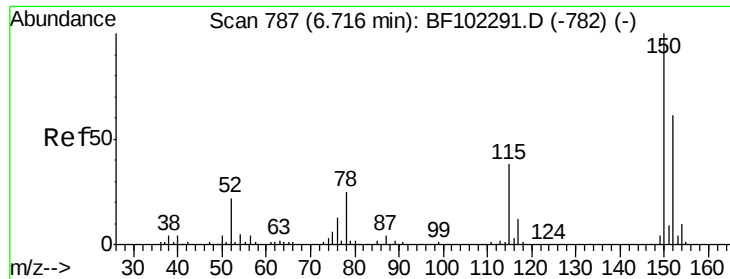
Instrument :
 BNA_F
 ClientSampleId :
 PB106224BL

Quant Time: Feb 01 06:15:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	132663	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	487864	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	173962	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	287996	20.00	ng	0.00
75) Chrysene-d12	13.87	240	277640	20.00	ng	0.00
86) Perylene-d12	15.30	264	193599	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	991648	113.34	ng	0.02
7) Phenol-d6	6.37	99	1164519	110.40	ng	0.01
23) Nitrobenzene-d5	7.27	82	627539	73.92	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	152836	88.67	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1009278	85.31	ng	0.00
78) Terphenyl-d14	12.81	244	851884	69.17	ng	0.00

Target Compounds Qvalue

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

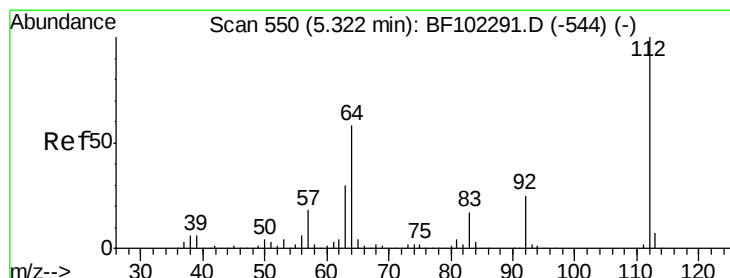
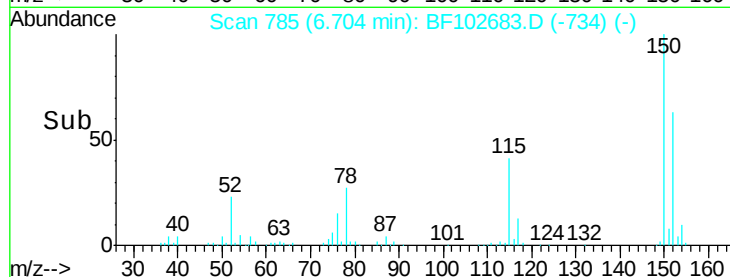
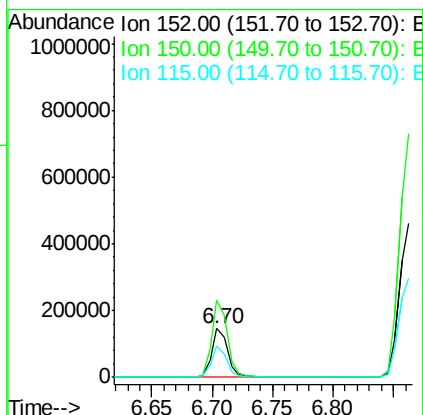
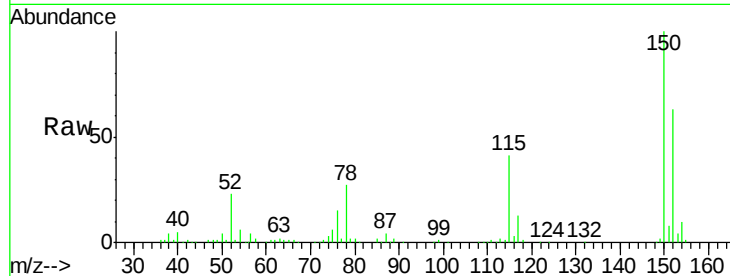


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF102683.D
Acq: 1 Feb 2018 4:11

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ClientSampleId :
PB106224BL

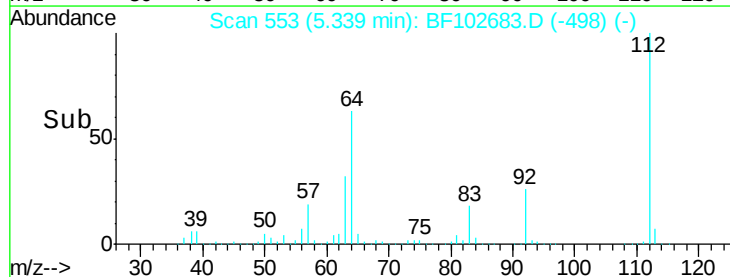
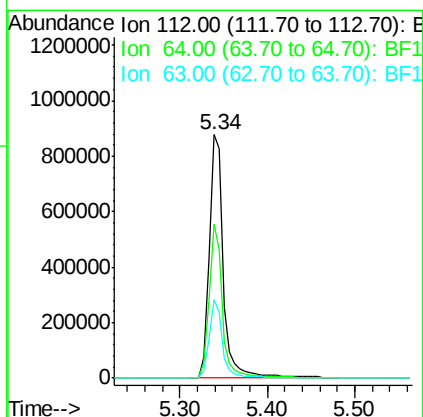
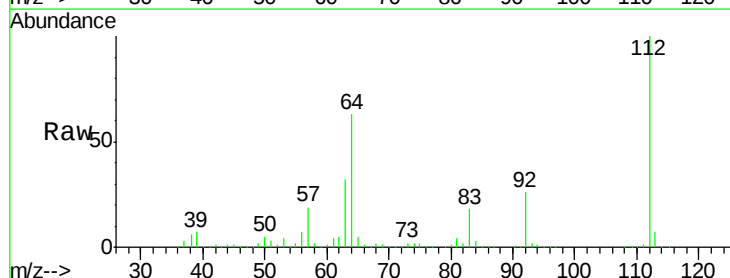
Tot Ion:152 Resp: 132663
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 65.0 50.1 75.1

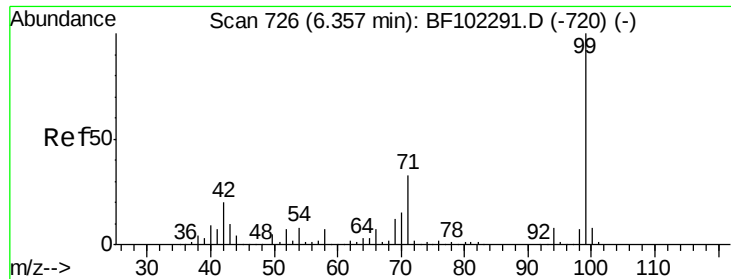


#5

2-Fluorophenol
Concen: 113.340 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102683.D
Acq: 1 Feb 2018 4:11

Tgt Ion:112 Resp: 991648
Ion Ratio Lower Upper
112 100
64 63.1 47.9 71.9
63 32.1 23.7 35.5





#7

Phenol-d6

Concen: 110.400 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102683.D

Acq: 1 Feb 2018 4:11

Instrument :

BNA_F

ClientSampleId :

PB106224BL

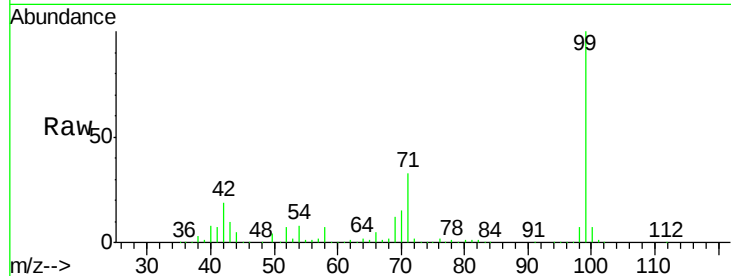
Tot Ion: 99 Resp: 1164519

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

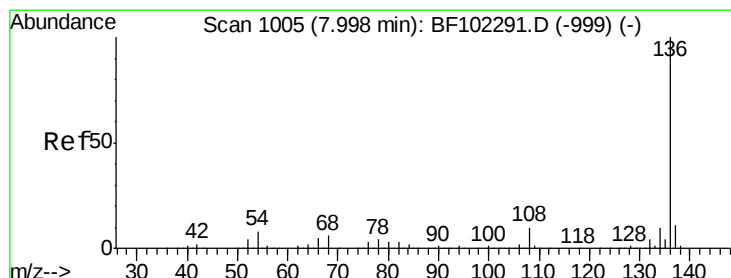
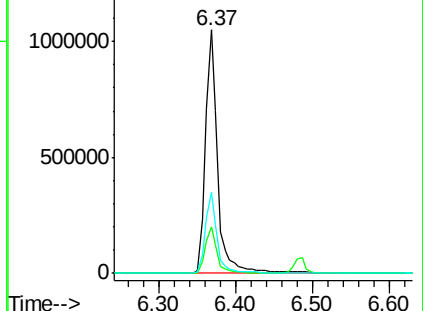
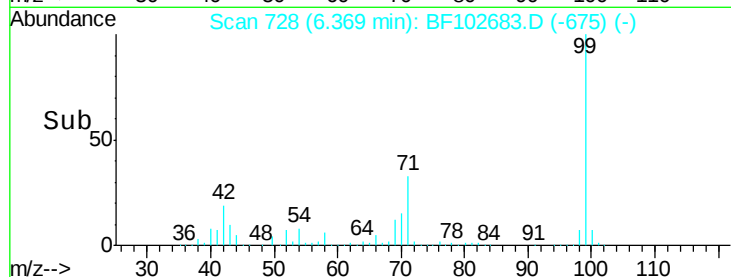
71 33.4 25.4 38.0



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# 1003

Delta R.T. 0.00 min

Lab File: BF102683.D

Acq: 1 Feb 2018 4:11

Tgt Ion:136 Resp: 487864

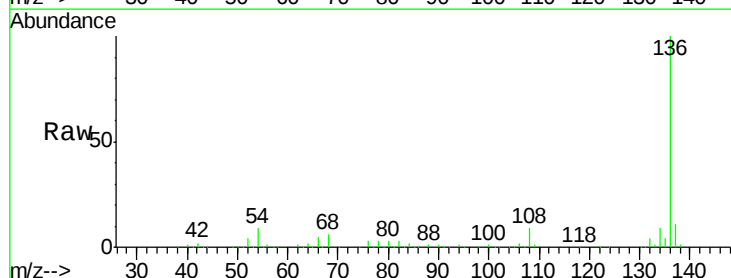
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.1 6.6 9.8

68 5.8 5.0 7.4

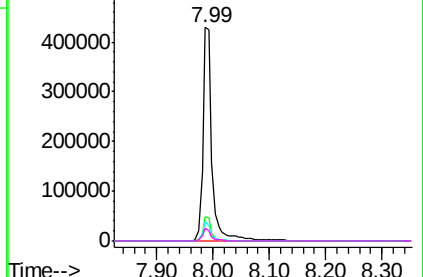
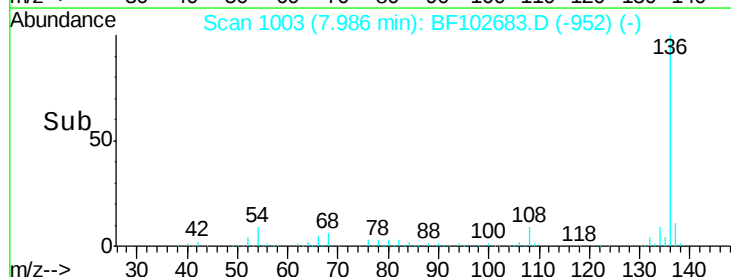


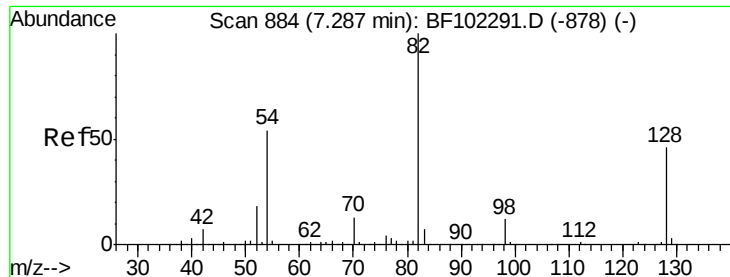
Abundance Ion 136.00 (135.70 to 136.70): E

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

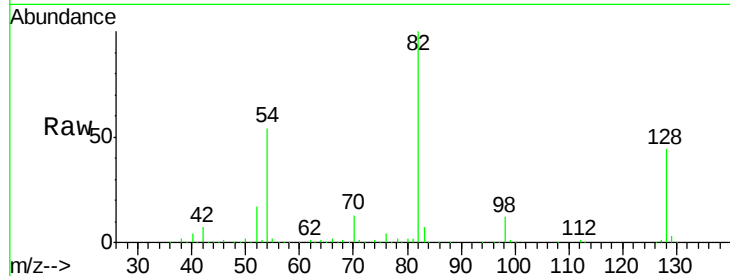




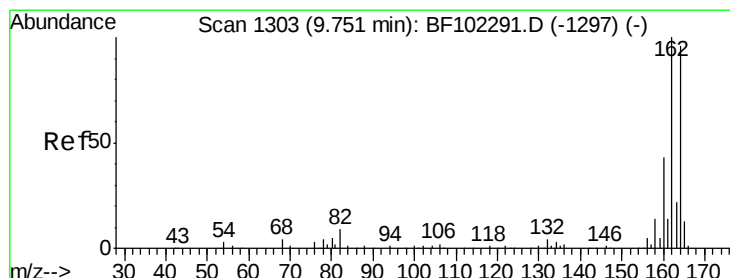
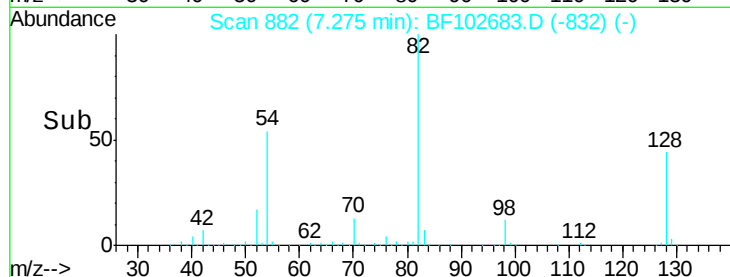
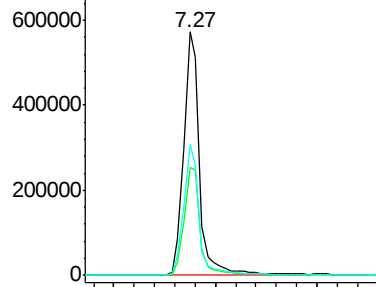
#23
Nitrobenzene-d5
Concen: 73.920 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102683.D
Acq: 1 Feb 2018 4:11

Instrument :
BNA_F
ClientSampleId :
PB106224BL

Tot Ion: 82 Resp: 627539
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 54.0 41.4 62.2

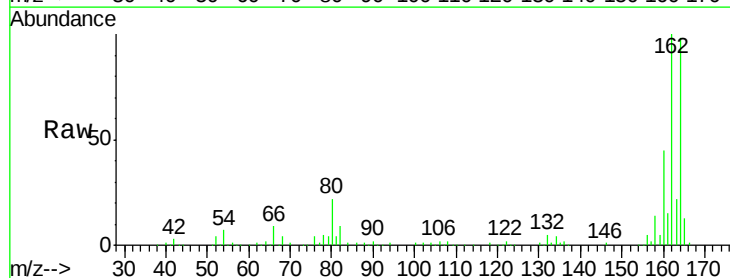


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

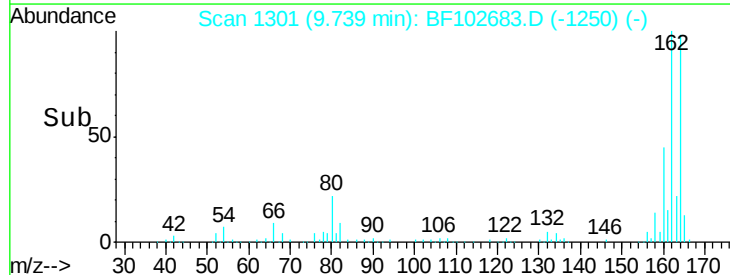
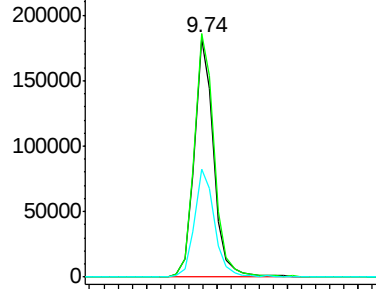


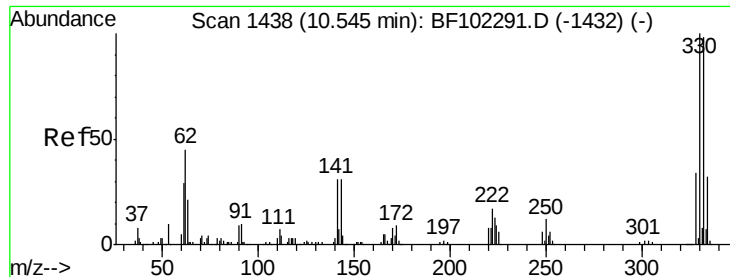
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF102683.D
Acq: 1 Feb 2018 4:11

Tgt Ion:164 Resp: 173962
Ion Ratio Lower Upper
164 100
162 102.0 86.1 129.1
160 45.4 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: 88.667 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF102683.D

Acq: 1 Feb 2018 4:11

Instrument :

BNA_F

ClientSampleId :

PB106224BL

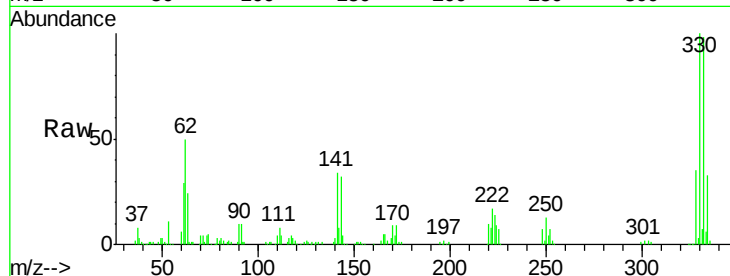
Tot Ion:330 Resp: 152836

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

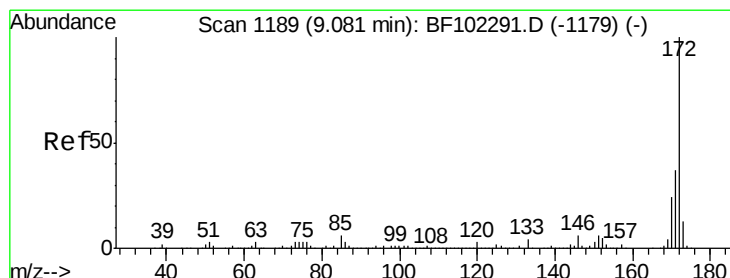
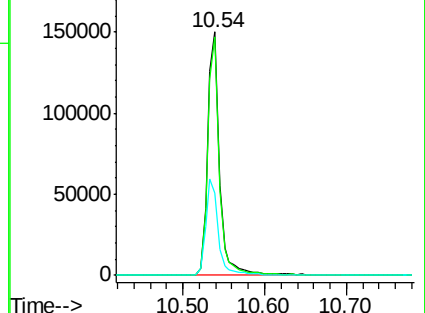
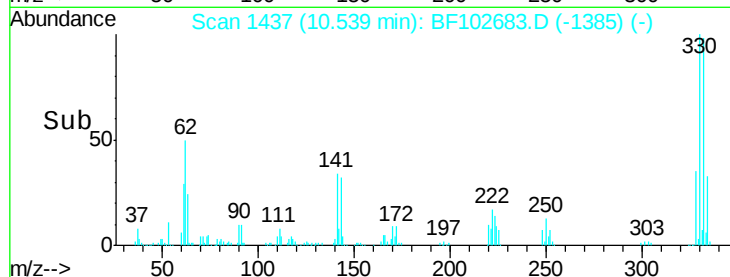
141 41.7 29.9 44.9



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: 85.306 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF102683.D

Acq: 1 Feb 2018 4:11

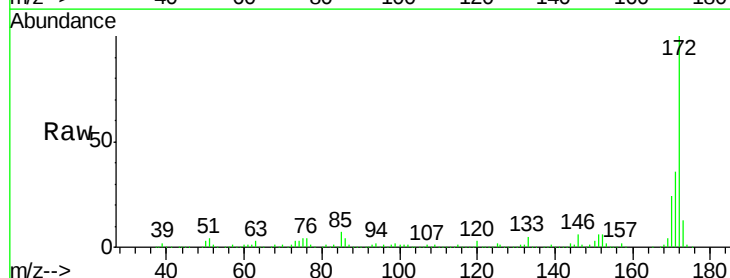
Tgt Ion:172 Resp: 1009278

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

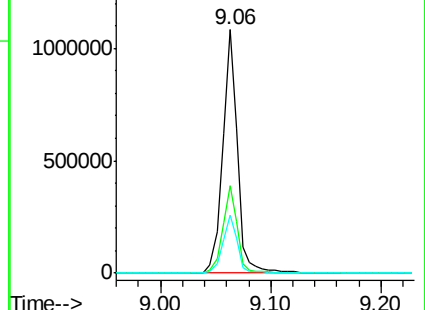
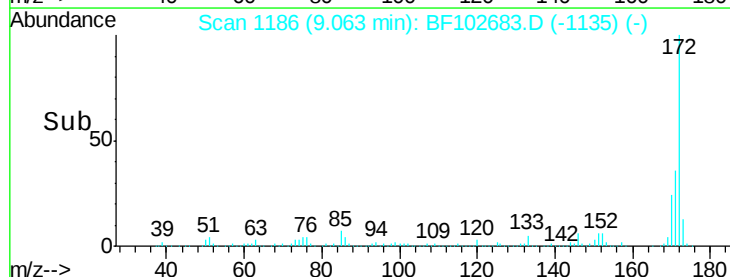
170 24.1 19.6 29.4

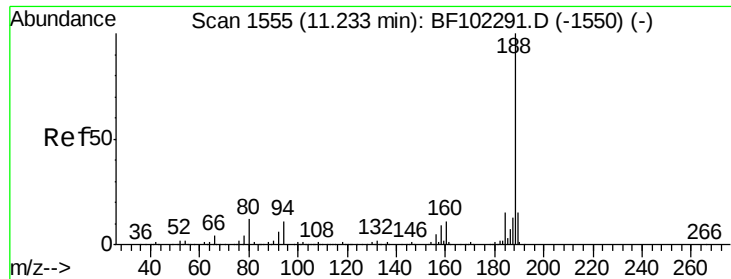


Abundance Ion 172.00 (171.70 to 172.70): E

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# 1554

Delta R.T. 0.00 min

Lab File: BF102683.D

Acq: 1 Feb 2018 4:11

Instrument :

BNA_F

ClientSampleId :

PB106224BL

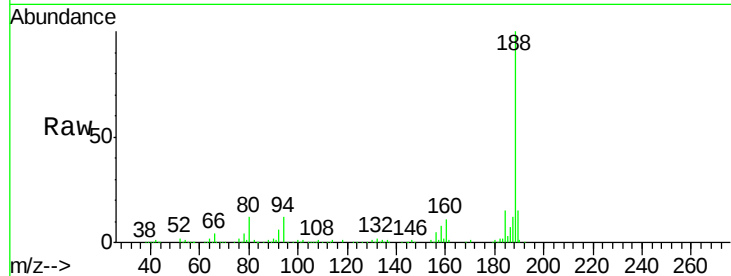
Tot Ion:188 Resp: 287996

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

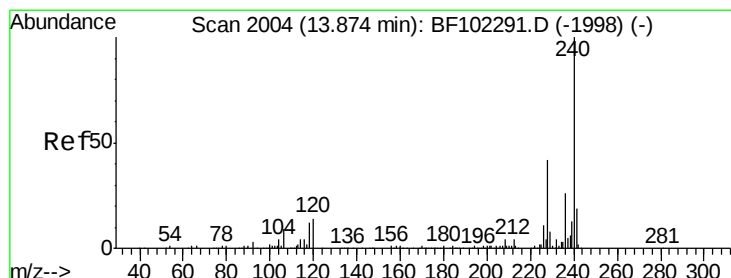
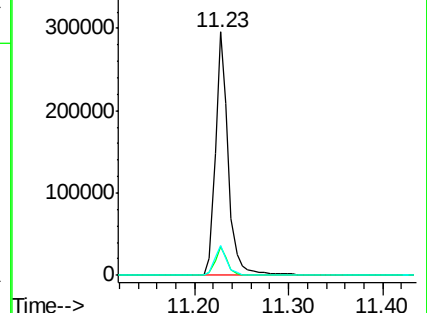
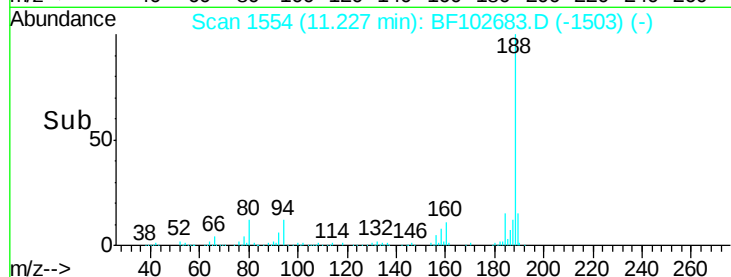
80 12.1 9.2 13.8



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# 2003

Delta R.T. 0.00 min

Lab File: BF102683.D

Acq: 1 Feb 2018 4:11

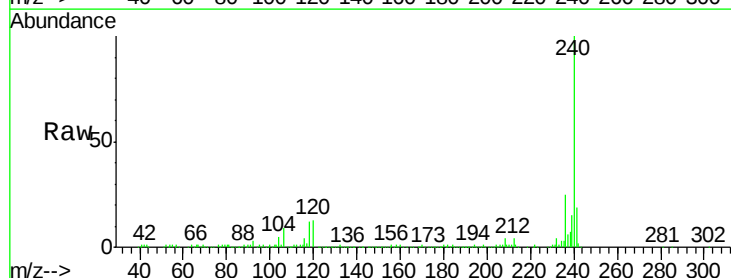
Tgt Ion:240 Resp: 277640

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

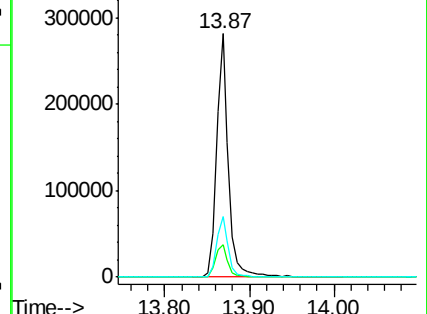
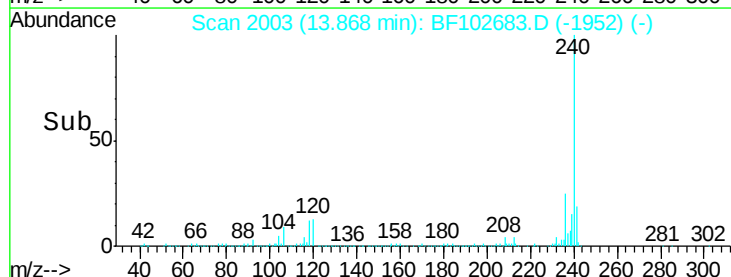
236 25.0 20.7 31.1

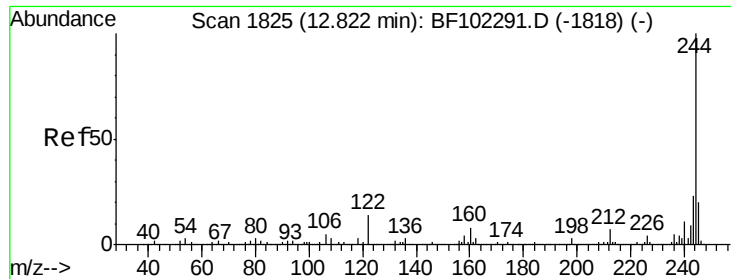


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

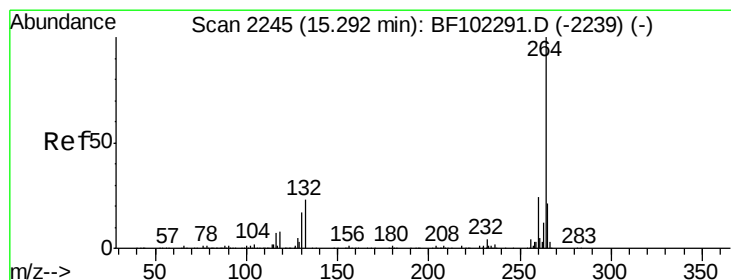
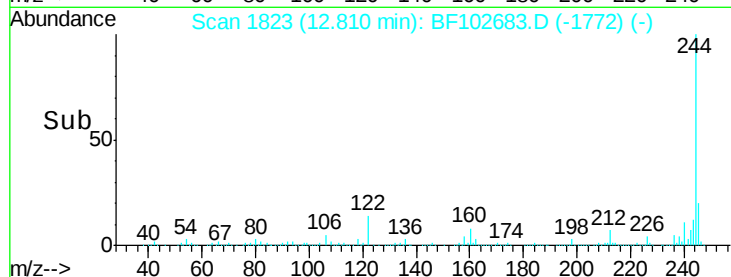
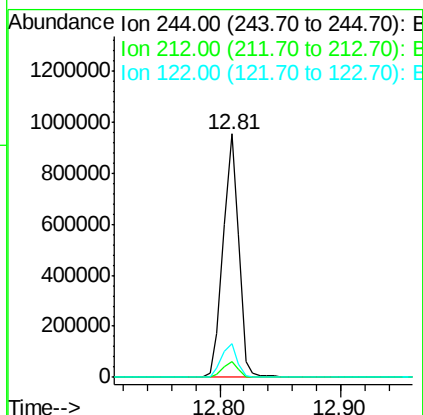
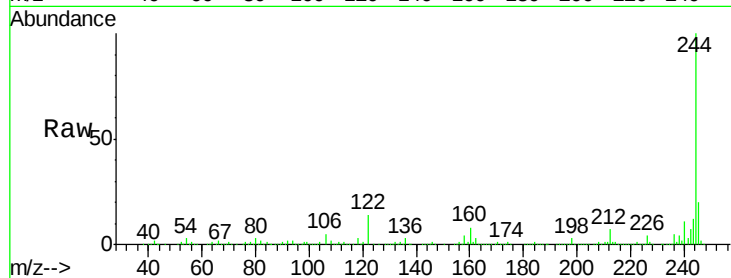




#78
 Terphenyl-d14
 Concen: 69.171 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BF102683.D
 Acq: 1 Feb 2018 4:11

Instrument :
 BNA_F
 ClientSampleId :
 PB106224BL

Tot Ion:244 Resp: 851884
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 14.0 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: BF102683.D
 Acq: 1 Feb 2018 4:11

Tgt Ion:264 Resp: 193599
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.9 17.5 26.3

