

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102662.D
 Acq On : 31 Jan 2018 18:42
 Operator : SJ/JU
 Sample : PB106208BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

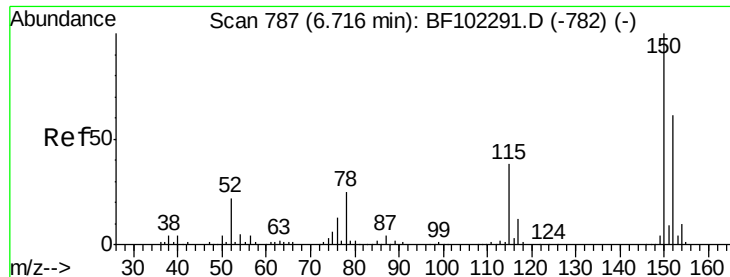
Instrument :
 BNA_F
 ClientSampleId :
 PB106208BL

Quant Time: Feb 01 00:15:03 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	135958	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	584757	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	270794	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	486419	20.00	ng	0.00
75) Chrysene-d12	13.86	240	363093	20.00	ng	-0.01
86) Perylene-d12	15.28	264	284911	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1063561	118.61	ng	0.01
7) Phenol-d6	6.35	99	1276875	118.12	ng	0.00
23) Nitrobenzene-d5	7.27	82	795481	78.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	265587	98.98	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1425615	77.41	ng	0.00
78) Terphenyl-d14	12.81	244	1327942	82.45	ng	0.00

Target Compounds Qvalue

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

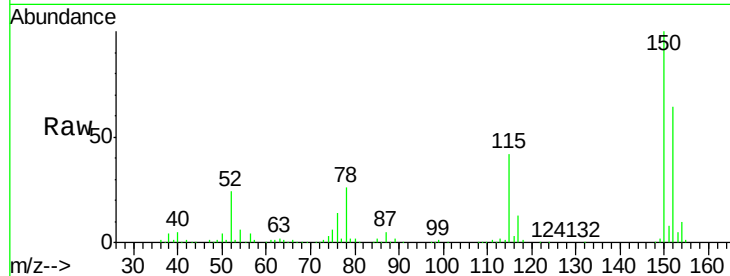


#1

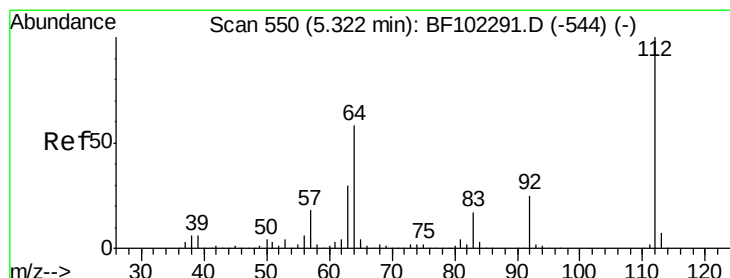
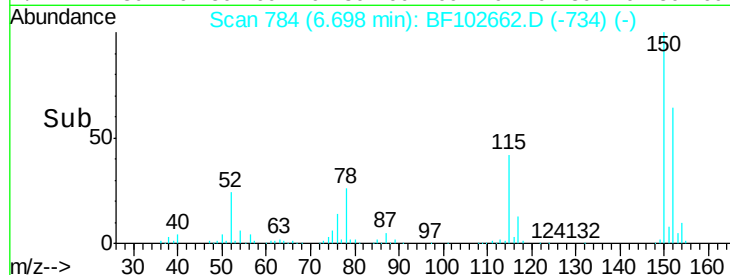
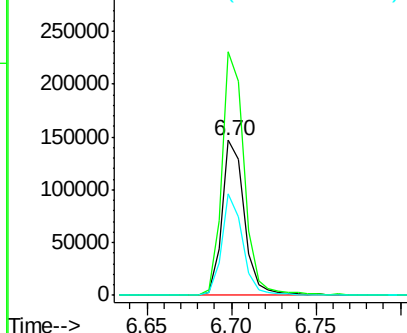
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF102662.D
 Acq: 31 Jan 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB106208BL

Tot Ion:152 Resp: 135958
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 65.6 50.1 75.1



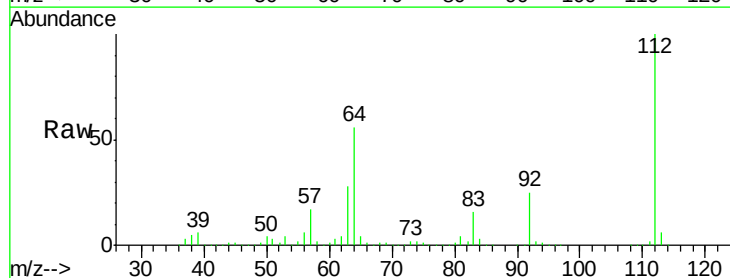
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



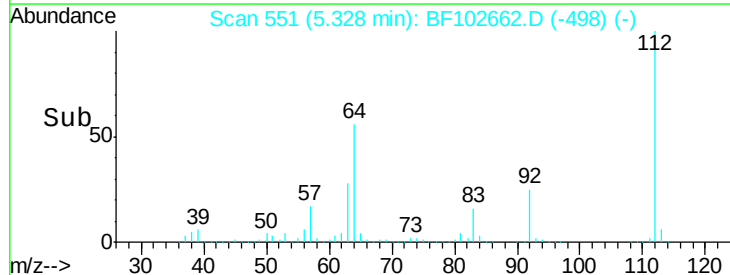
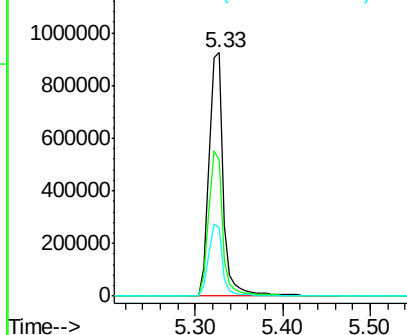
#5

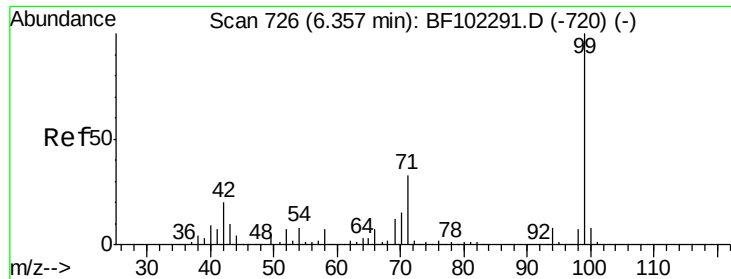
2-Fluorophenol
 Concen: 118.613 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102662.D
 Acq: 31 Jan 2018 18:42

Tgt Ion:112 Resp: 1063561
 Ion Ratio Lower Upper
 112 100
 64 55.9 47.9 71.9
 63 28.1 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: 118.118 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102662.D

Acq: 31 Jan 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PB106208BL

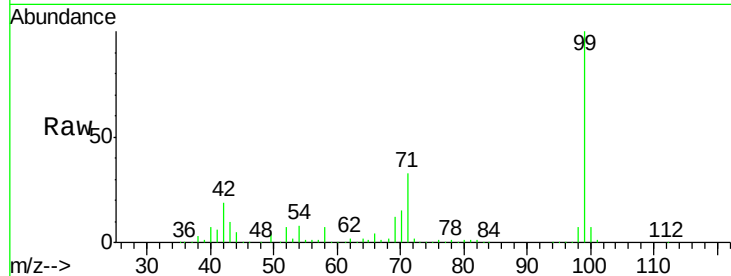
Tot Ion: 99 Resp: 1276875

Ion Ratio Lower Upper

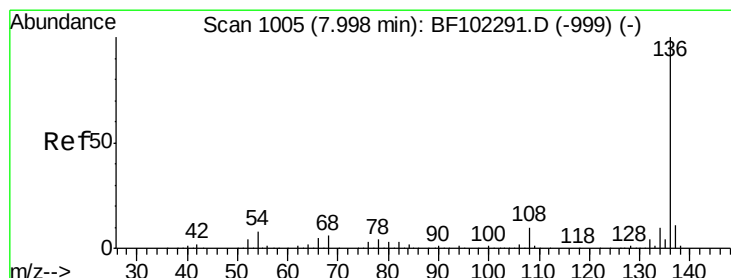
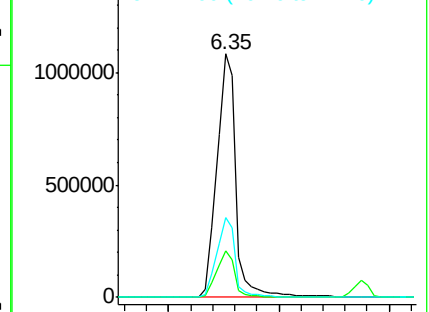
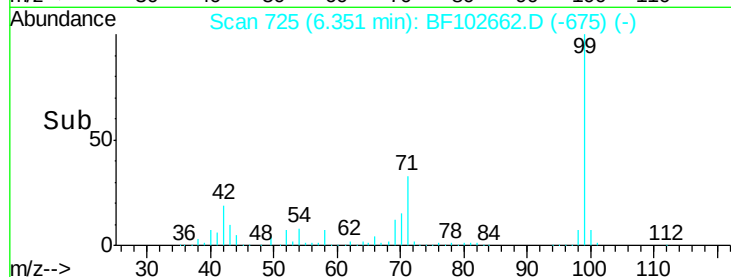
99 100

42 19.3 14.5 21.7

71 32.8 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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF102662.D

Acq: 31 Jan 2018 18:42

Tgt Ion: 136 Resp: 584757

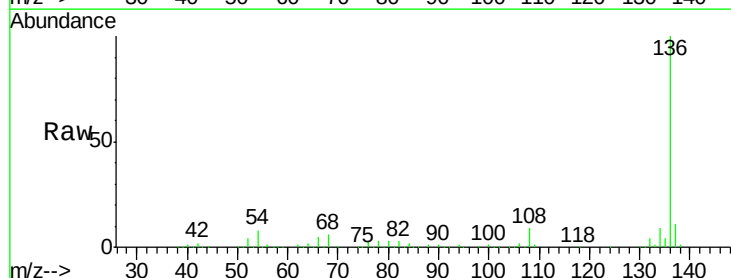
Ion Ratio Lower Upper

136 100

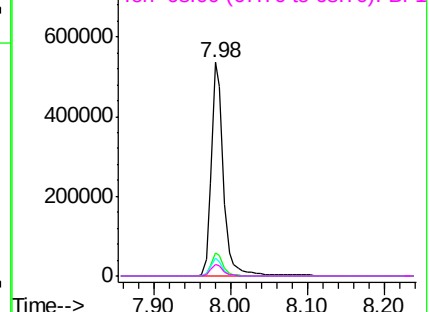
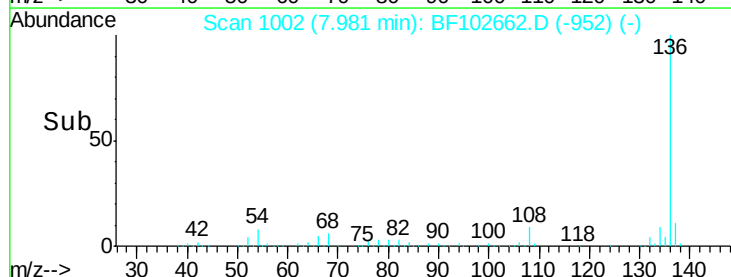
137 10.9 8.9 13.3

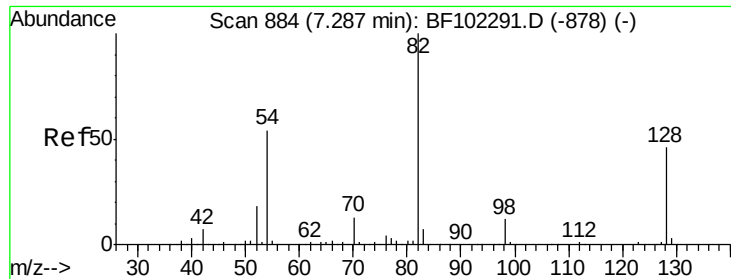
54 8.1 6.6 9.8

68 5.7 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

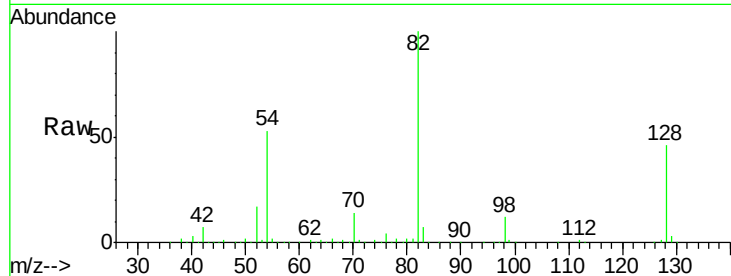




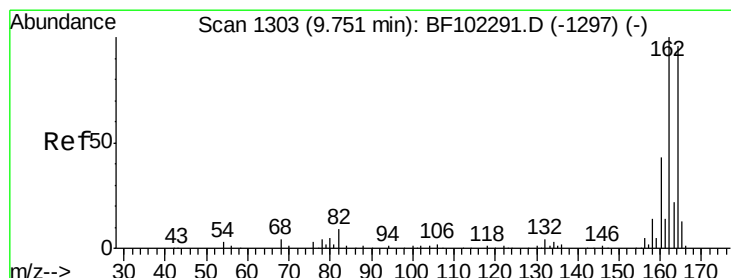
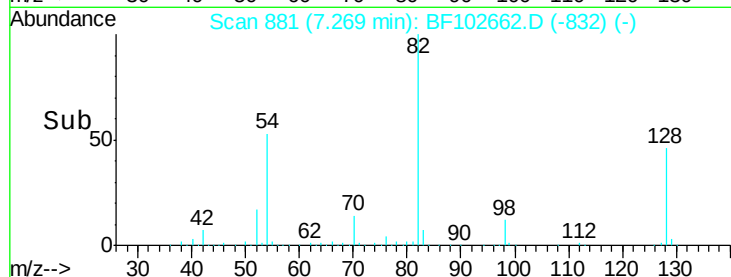
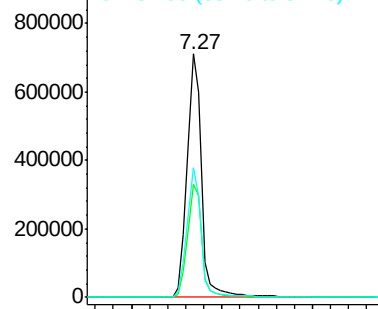
#23
 Nitrobenzene-d5
 Concen: 78.176 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF102662.D
 Acq: 31 Jan 2018 18:42

Instrument :
 BNA_F
 ClientSampleID :
 PB106208BL

Tot Ion: 82 Resp: 795481
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.1 54.1
 54 53.3 41.4 62.2

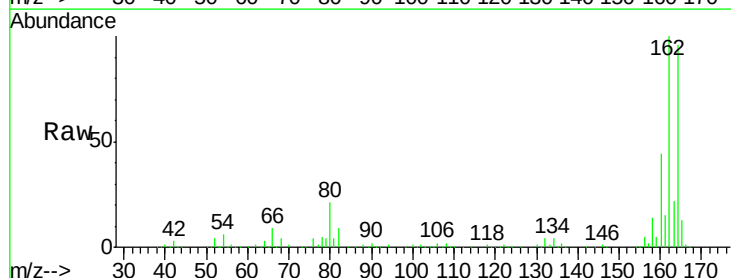


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

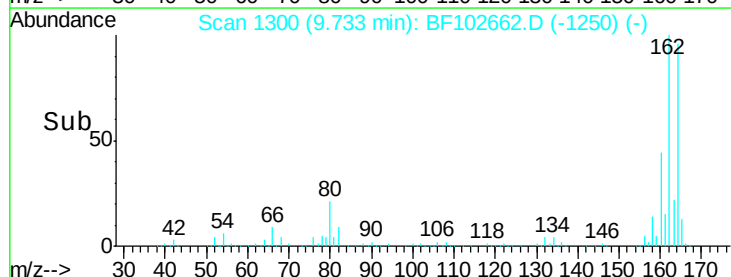
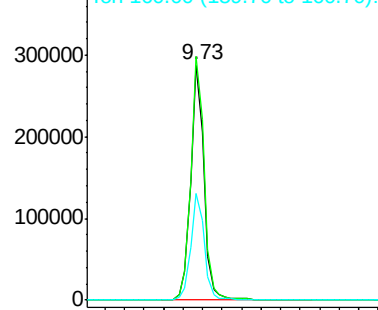


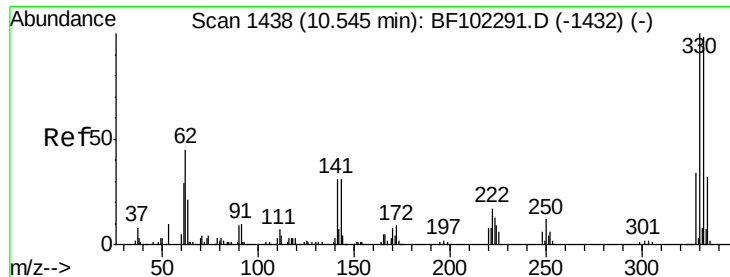
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF102662.D
 Acq: 31 Jan 2018 18:42

Tgt Ion: 164 Resp: 270794
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.1 129.1
 160 45.6 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: 98.982 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF102662.D

Acq: 31 Jan 2018 18:42

Instrument :

BNA_F

ClientSampleId :

PB106208BL

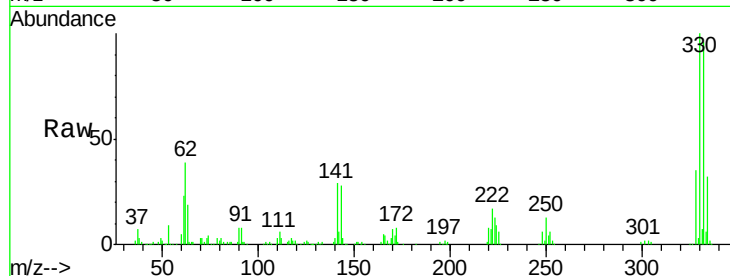
Tot Ion:330 Resp: 265587

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

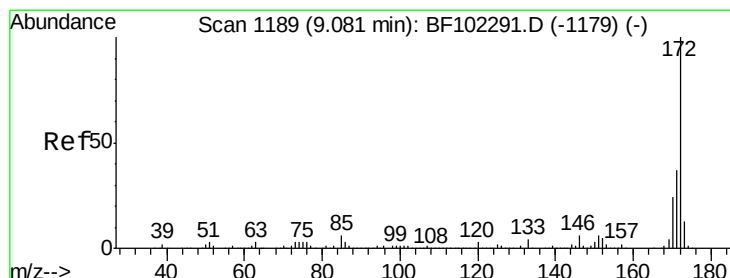
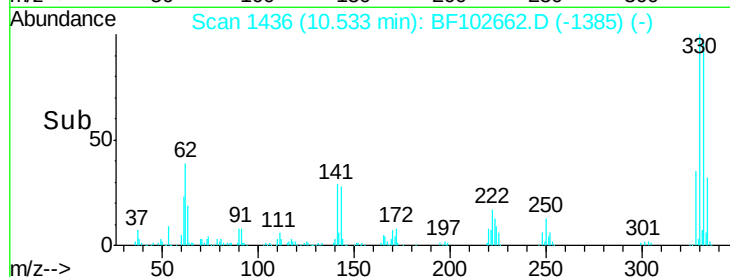
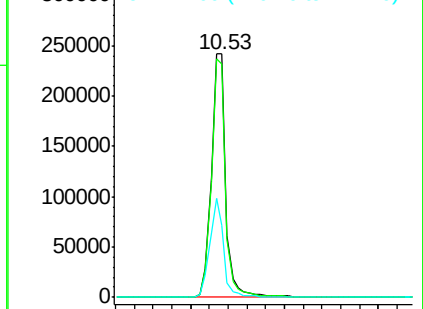
141 38.9 29.9 44.9



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: 77.408 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF102662.D

Acq: 31 Jan 2018 18:42

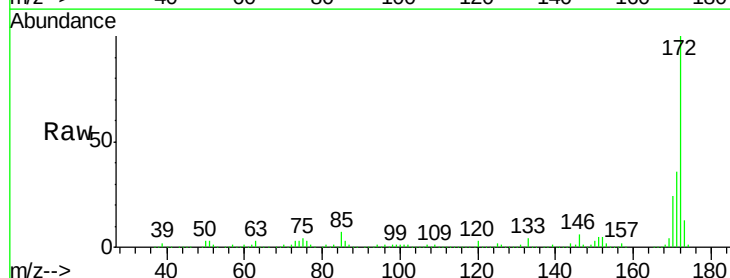
Tgt Ion:172 Resp: 1425615

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

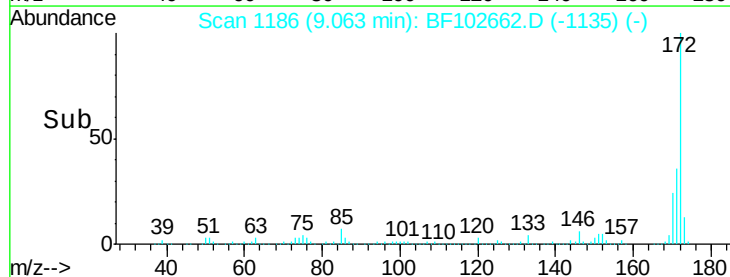
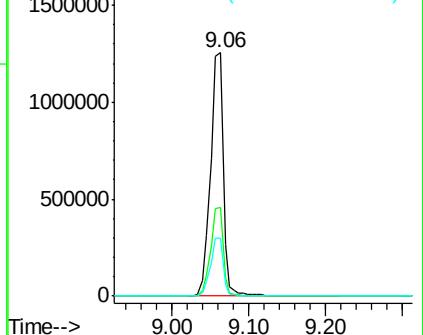
170 24.0 19.6 29.4

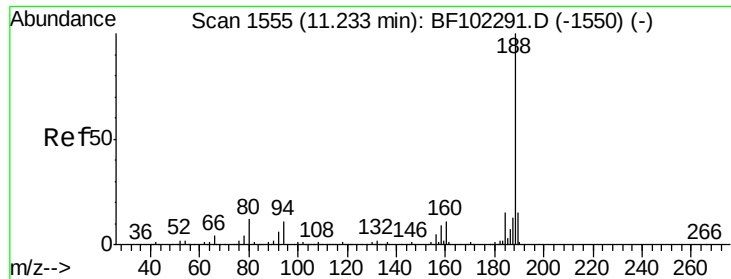


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

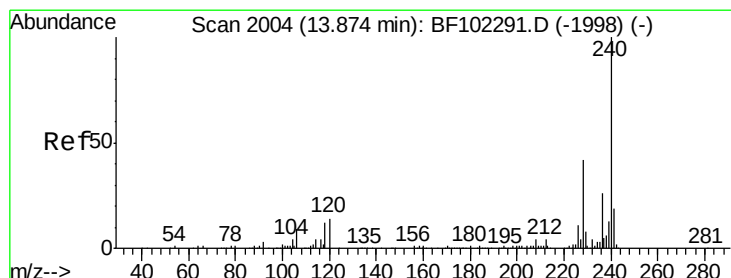
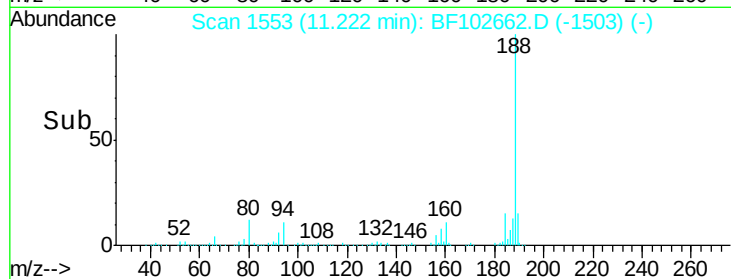
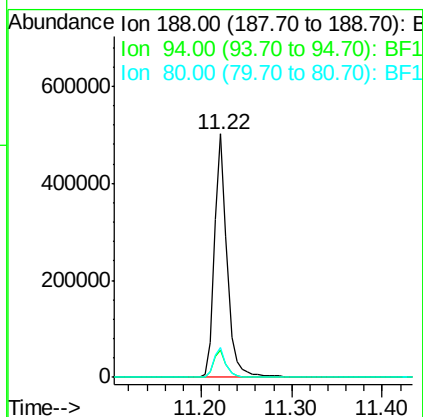
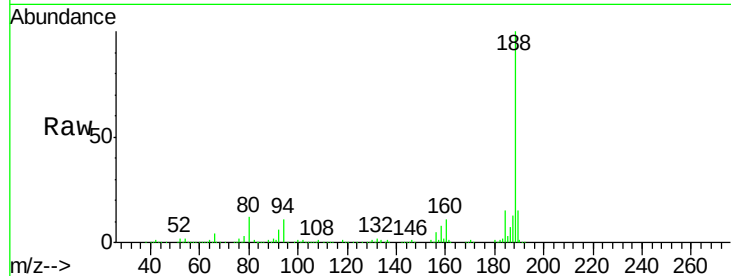




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF102662.D
Acq: 31 Jan 2018 18:42

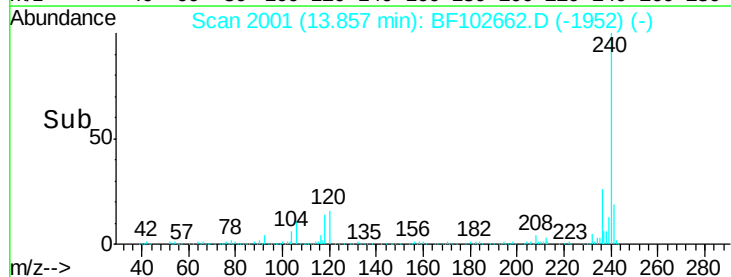
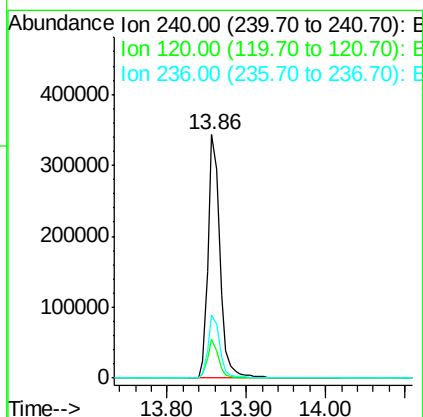
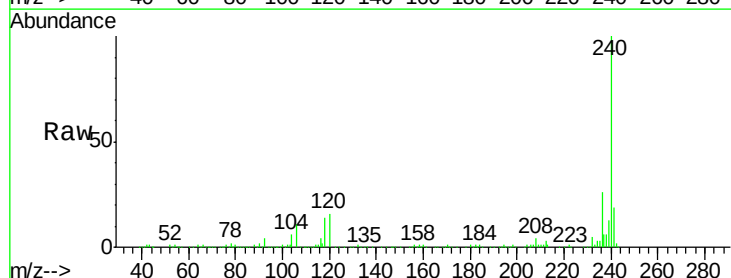
Instrument :
BNA_F
ClientSampleId :
PB106208BL

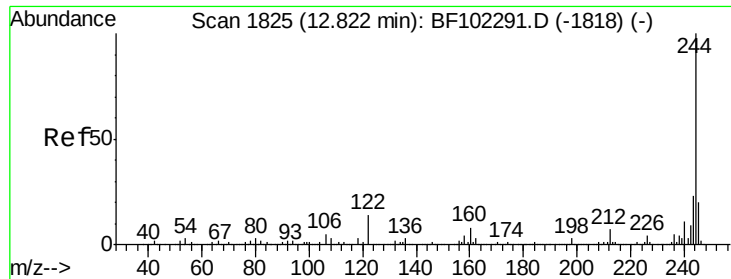
Tot Ion:188 Resp: 486419
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF102662.D
Acq: 31 Jan 2018 18:42

Tgt Ion:240 Resp: 363093
Ion Ratio Lower Upper
240 100
120 15.9 9.5 14.3#
236 25.8 20.7 31.1

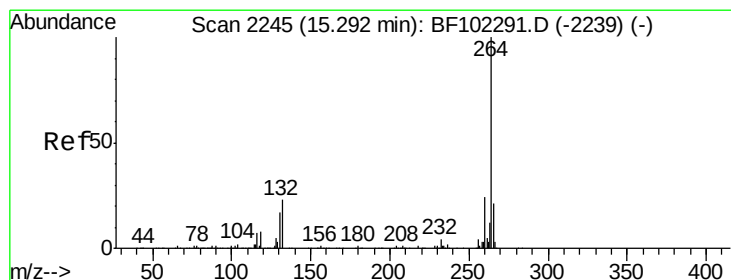
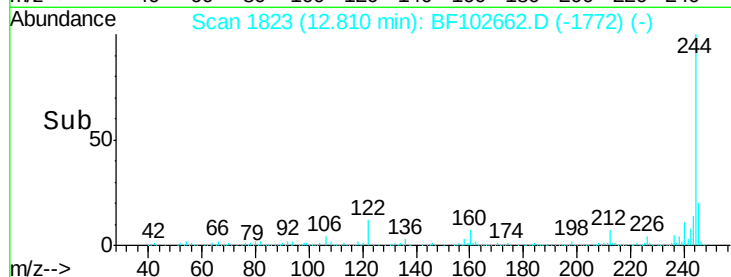
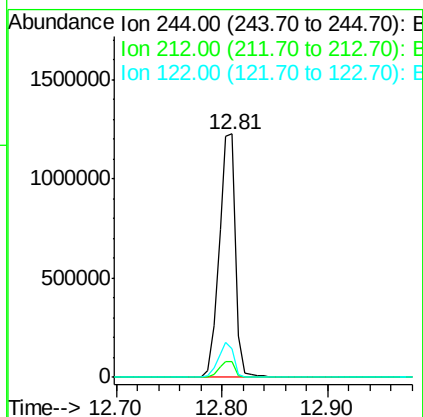
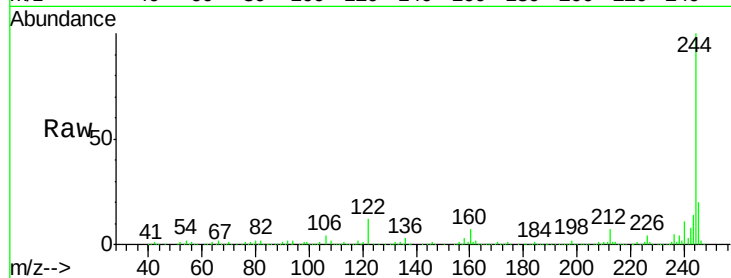




#78
 Terphenyl-d14
 Concen: 82.449 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BF102662.D
 Acq: 31 Jan 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB106208BL

Tot Ion:244 Resp: 1327942
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102662.D
 Acq: 31 Jan 2018 18:42

Tgt Ion:264 Resp: 284911
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.1 17.5 26.3

