

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102433.D
 Acq On : 25 Jan 2018 19:44
 Operator : SJ/JU
 Sample : PB106012BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106012BL

Quant Time: Jan 26 00:38:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	126473	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	519666	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	242261	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	451214	20.00	ng	0.00
75) Chrysene-d12	13.87	240	398363	20.00	ng	0.00
86) Perylene-d12	15.30	264	329780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	972874	116.64	ng	0.01
7) Phenol-d6	6.36	99	1160621	115.42	ng	-0.01
23) Nitrobenzene-d5	7.28	82	734041	81.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	267931	111.62	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1367106	82.97	ng	0.00
78) Terphenyl-d14	12.83	244	1373769	77.74	ng	0.00

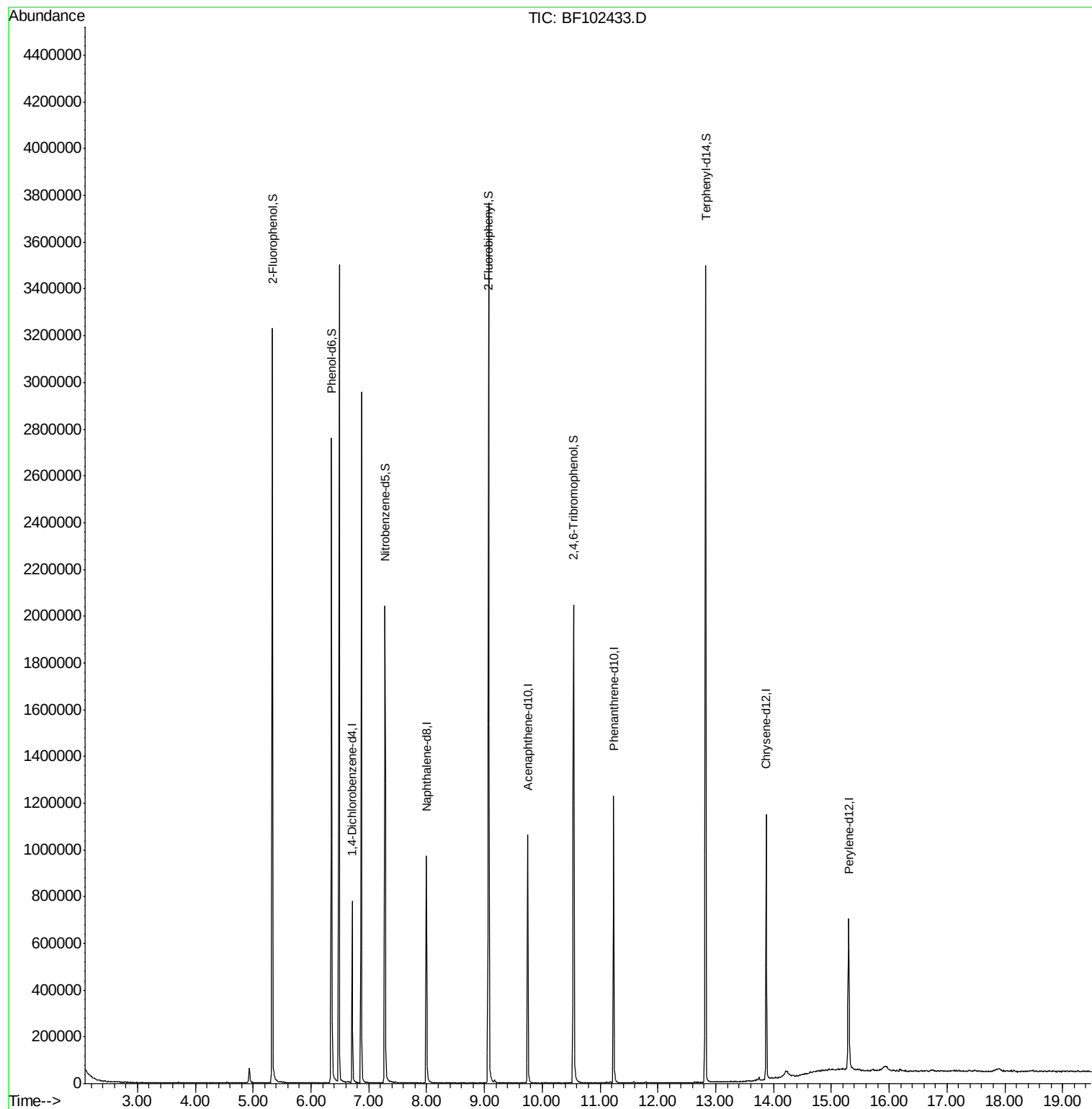
Target Compounds Qvalue

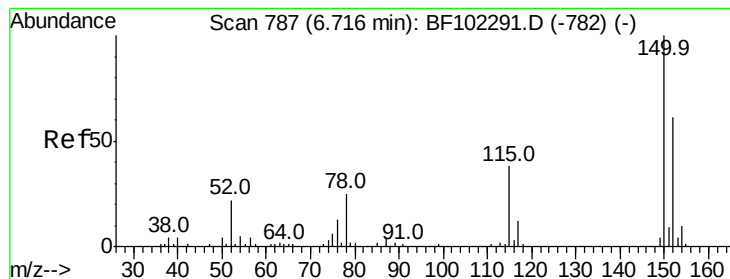
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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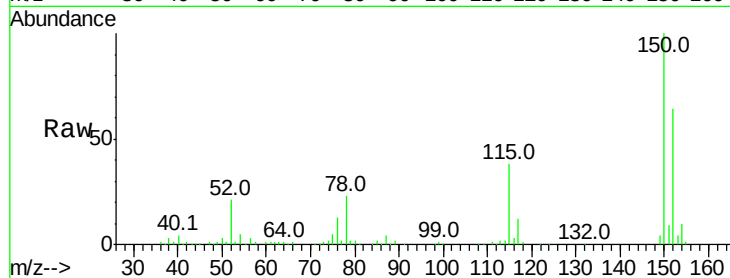


#1

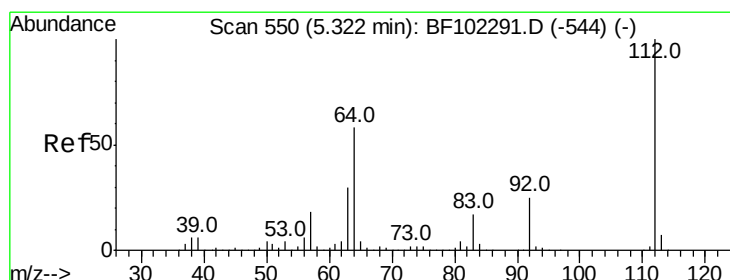
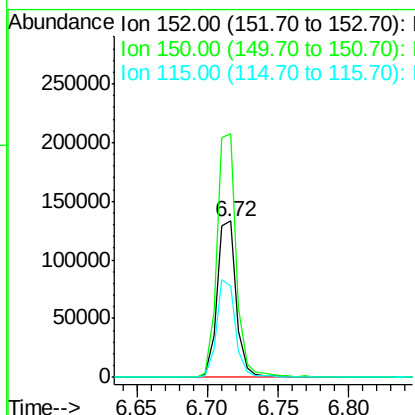
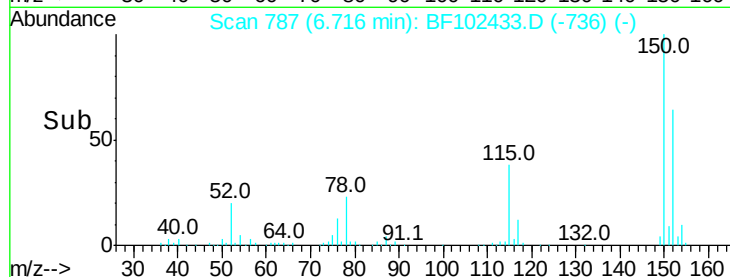
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102433.D
Acq: 25 Jan 2018 19:44

Instrument :
BNA_F
ClientSampleId :
PB106012BL

Tot Ion:152 Resp: 126473
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 58.5 50.1 75.1



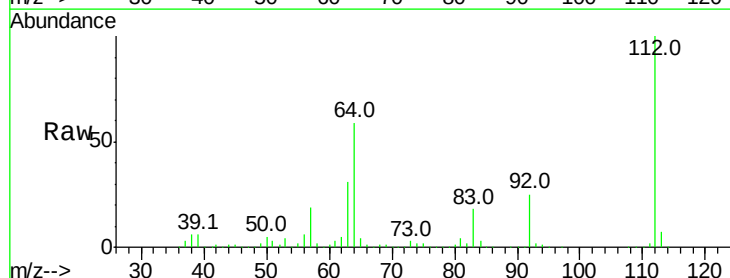
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



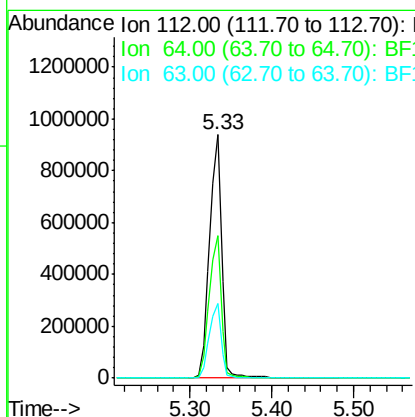
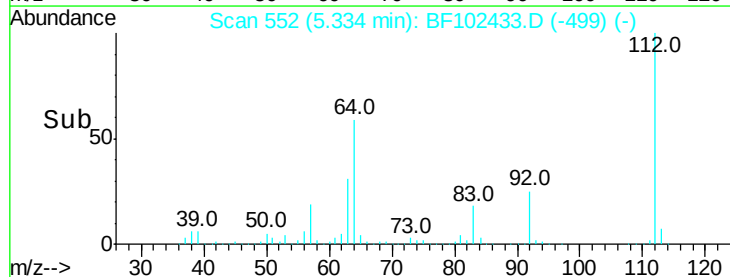
#5

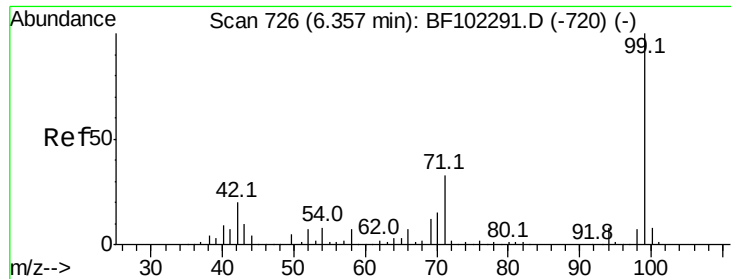
2-Fluorophenol
Concen: 116.636 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102433.D
Acq: 25 Jan 2018 19:44

Tgt Ion:112 Resp: 972874
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 30.7 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: 115.416 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102433.D

Acq: 25 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

PB106012BL

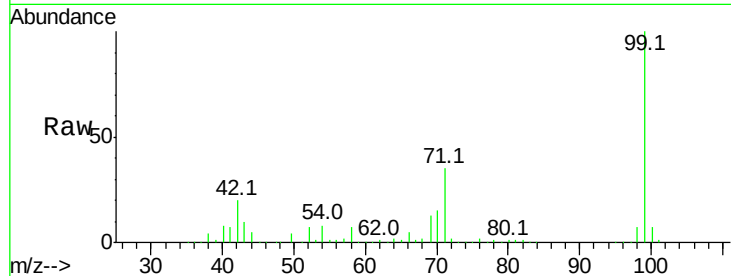
Tot Ion: 99 Resp: 1160621

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

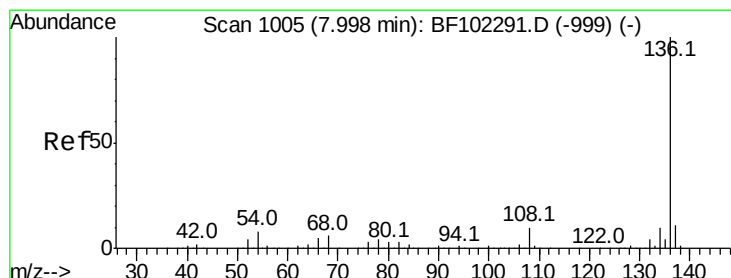
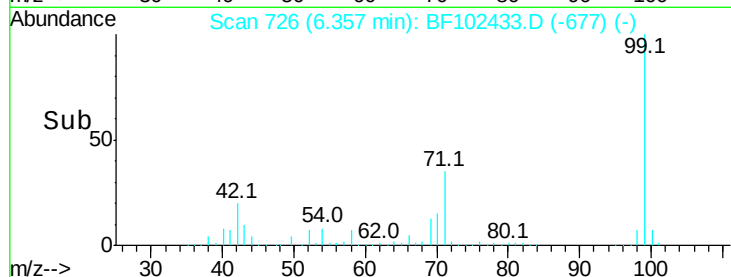
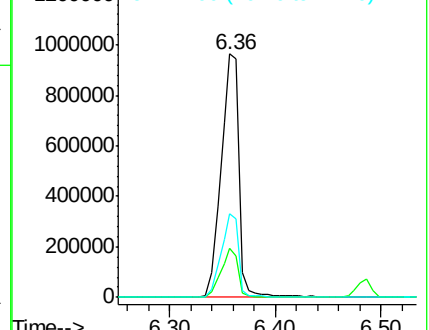
71 34.5 25.4 38.0



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: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102433.D

Acq: 25 Jan 2018 19:44

Tgt Ion: 136 Resp: 519666

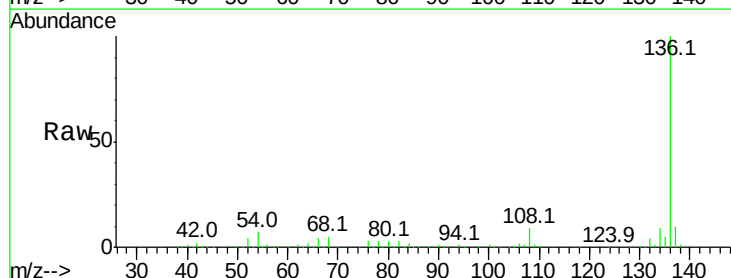
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.1 6.6 9.8

68 4.9 5.0 7.4#

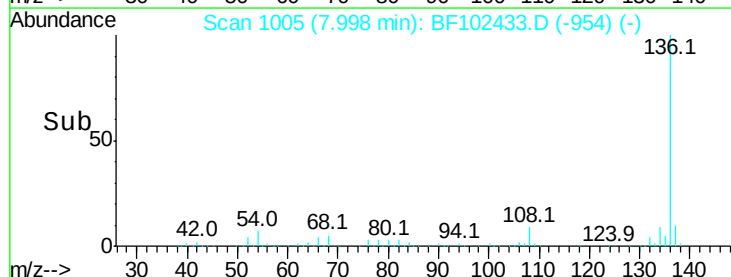
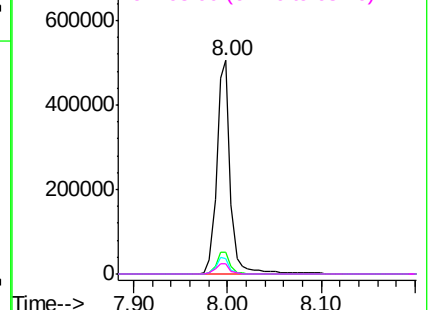


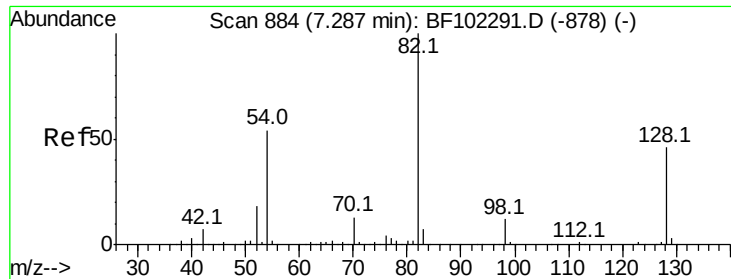
Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.173 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102433.D

Acq: 25 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

PB106012BL

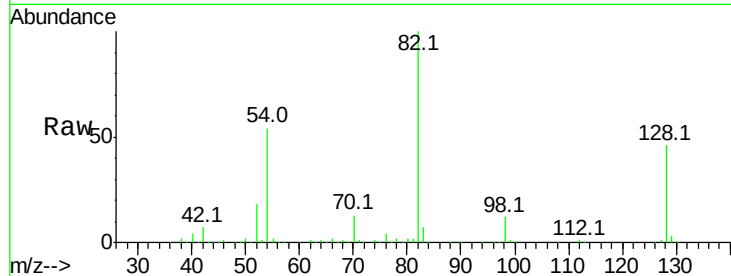
Tot Ion: 82 Resp: 734041

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

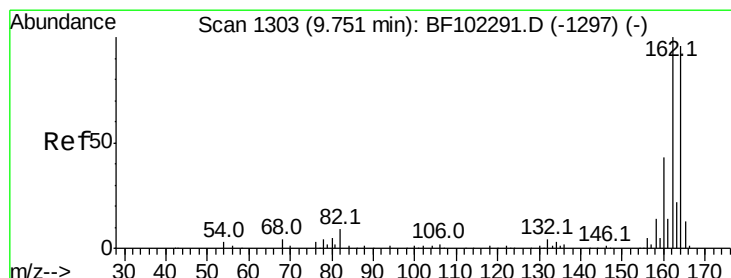
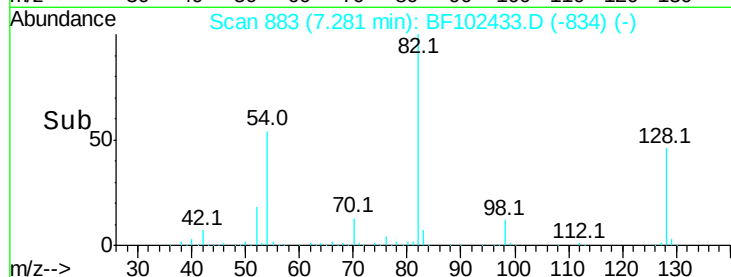
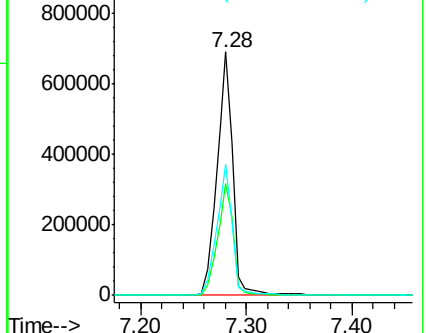
54 53.6 41.4 62.2



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: BF102433.D

Acq: 25 Jan 2018 19:44

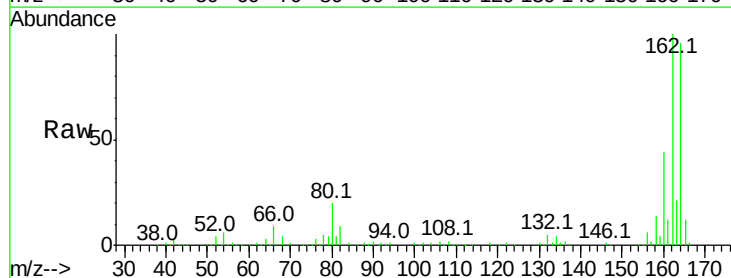
Tgt Ion:164 Resp: 242261

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

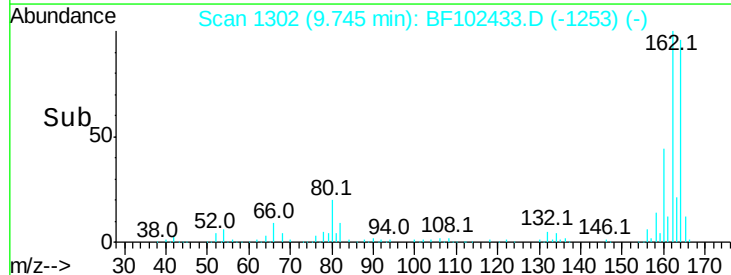
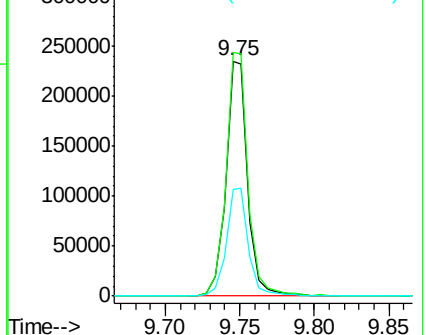
160 45.6 38.3 57.5

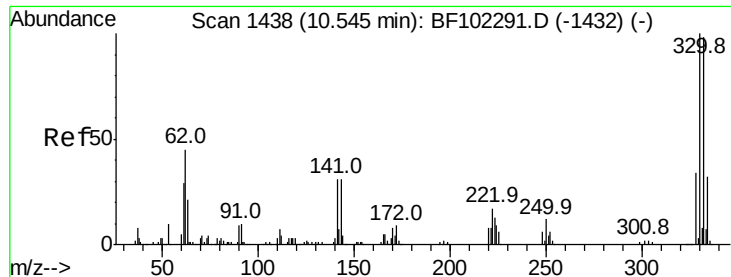


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

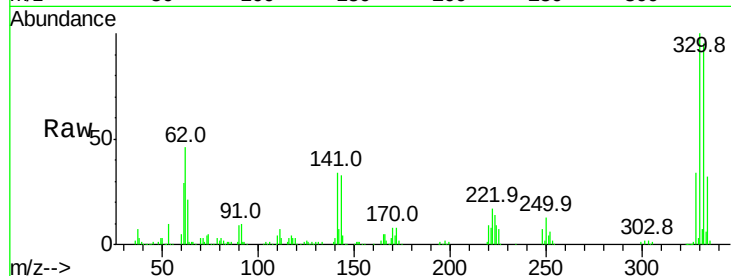




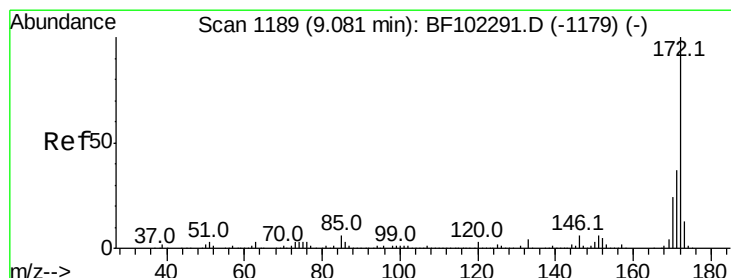
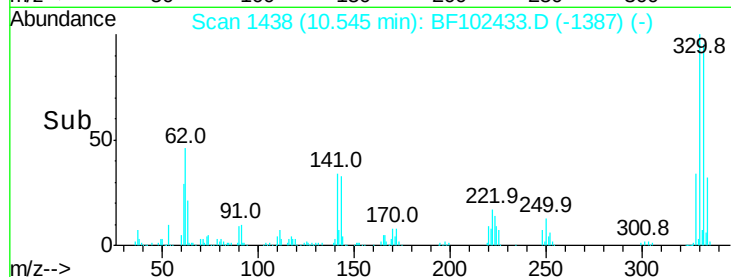
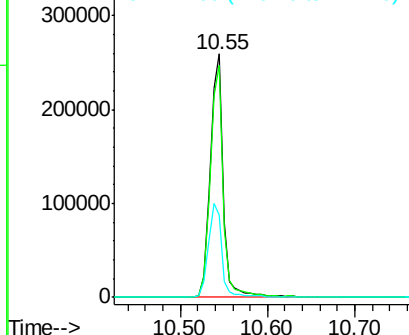
#41
 2,4,6-Tribromophenol
 Concen: 111.617 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102433.D
 Acq: 25 Jan 2018 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB106012BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	40.8	29.9	44.9

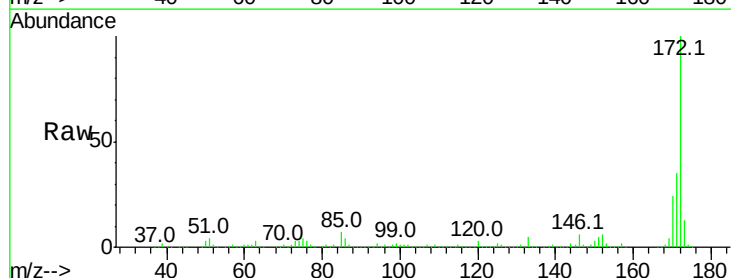


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

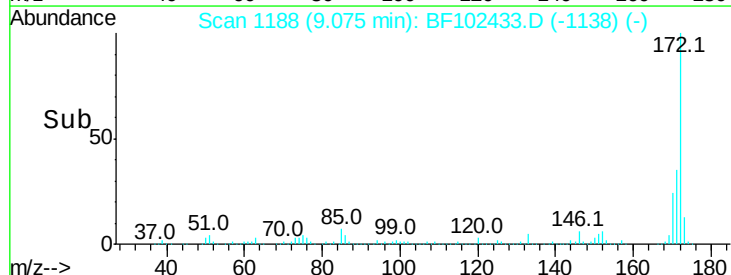
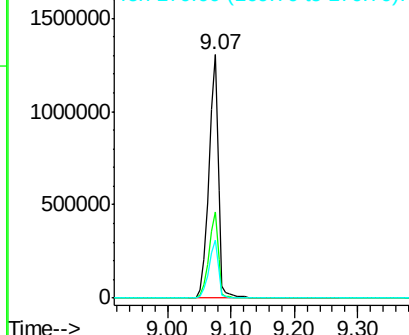


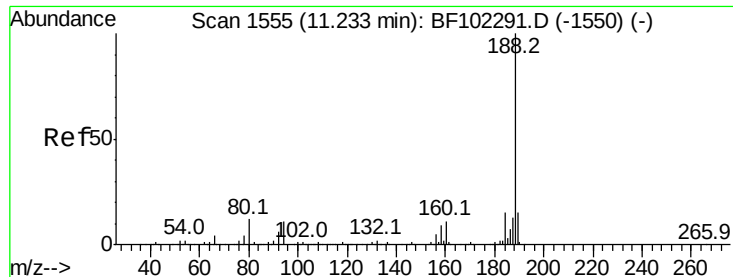
#44
 2-Fluorobiphenyl
 Concen: 82.974 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102433.D
 Acq: 25 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	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

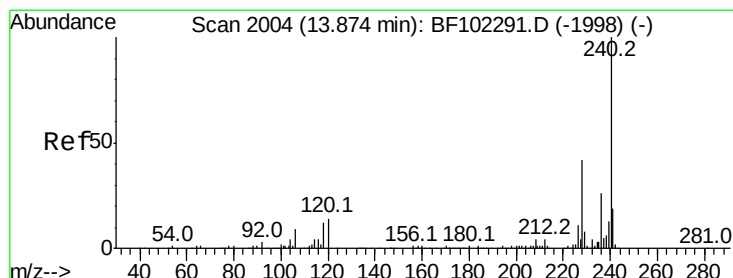
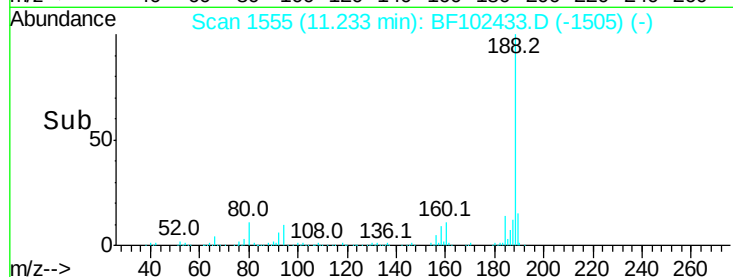
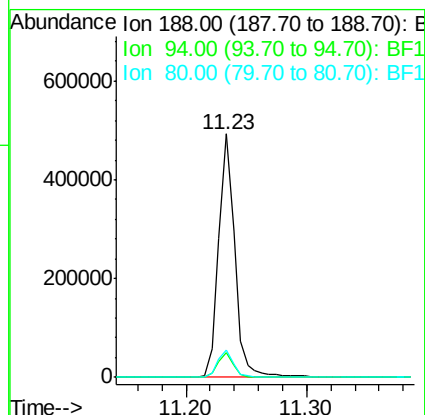
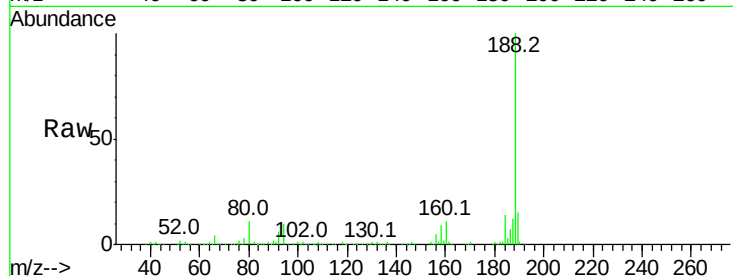




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102433.D
Acq: 25 Jan 2018 19:44

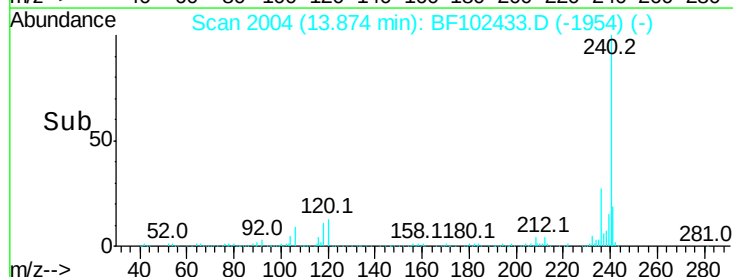
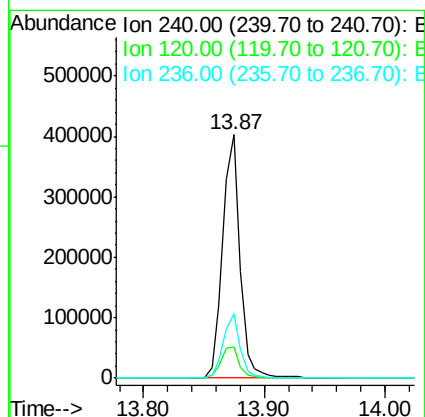
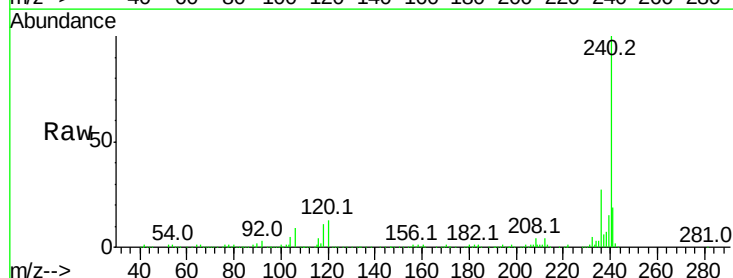
Instrument :
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ClientSampleId :
PB106012BL

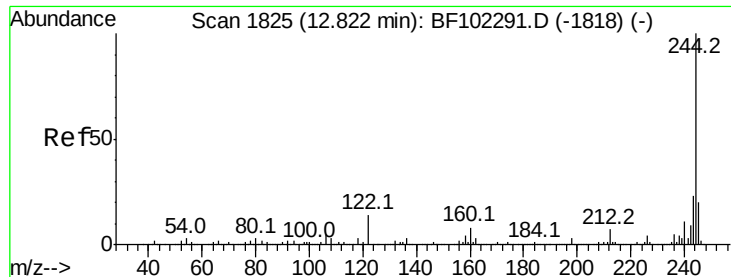
Tot Ion:188 Resp: 451214
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102433.D
Acq: 25 Jan 2018 19:44

Tgt Ion:240 Resp: 398363
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 26.7 20.7 31.1

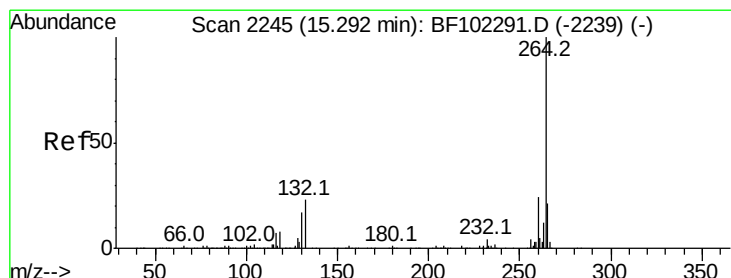
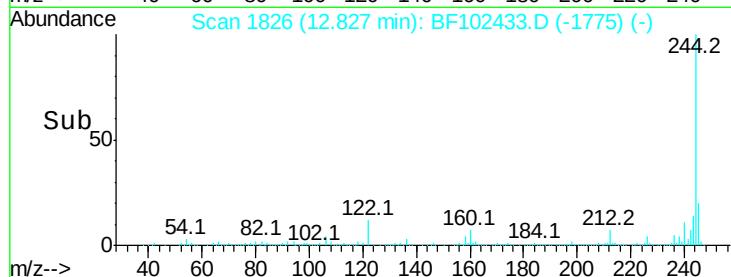
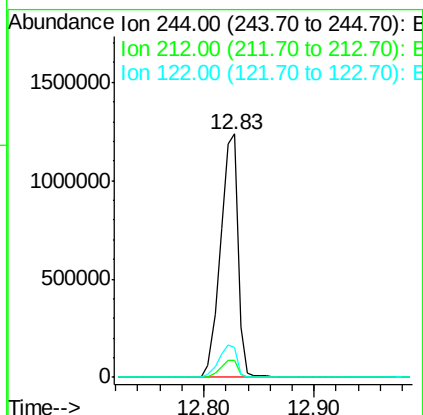
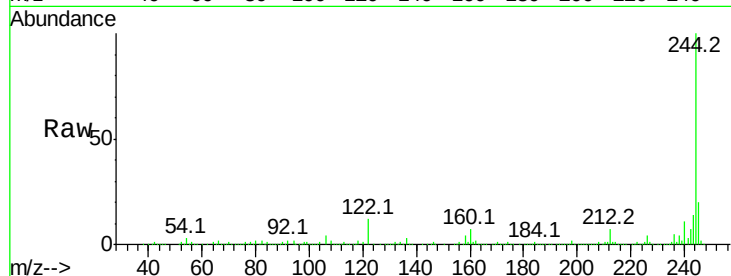




#78
 Terphenyl-d14
 Concen: 77.742 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF102433.D
 Acq: 25 Jan 2018 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB106012BL

Tot Ion:244 Resp: 1373769
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.00 min
 Lab File: BF102433.D
 Acq: 25 Jan 2018 19:44

Tgt Ion:264 Resp: 329780
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.2 28.8
 265 21.1 17.5 26.3

