

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104259.D
 Acq On : 5 Apr 2018 7:11
 Operator : JU/SJ
 Sample : J2179-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032918-DBRI-F-D-B

Quant Time: Apr 05 08:21:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	110381	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	492040	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	207114	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	342970	20.00	ng	0.00
75) Chrysene-d12	14.14	240	220151	20.00	ng	0.00
86) Perylene-d12	15.67	264	203669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	228587	33.03	ng	0.00
7) Phenol-d6	6.62	99	198946	23.36	ng	0.01
23) Nitrobenzene-d5	7.52	82	801673	99.64	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	200355	86.88	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1490428	113.48	ng	0.00
78) Terphenyl-d14	13.06	244	1056151	110.77	ng	0.00

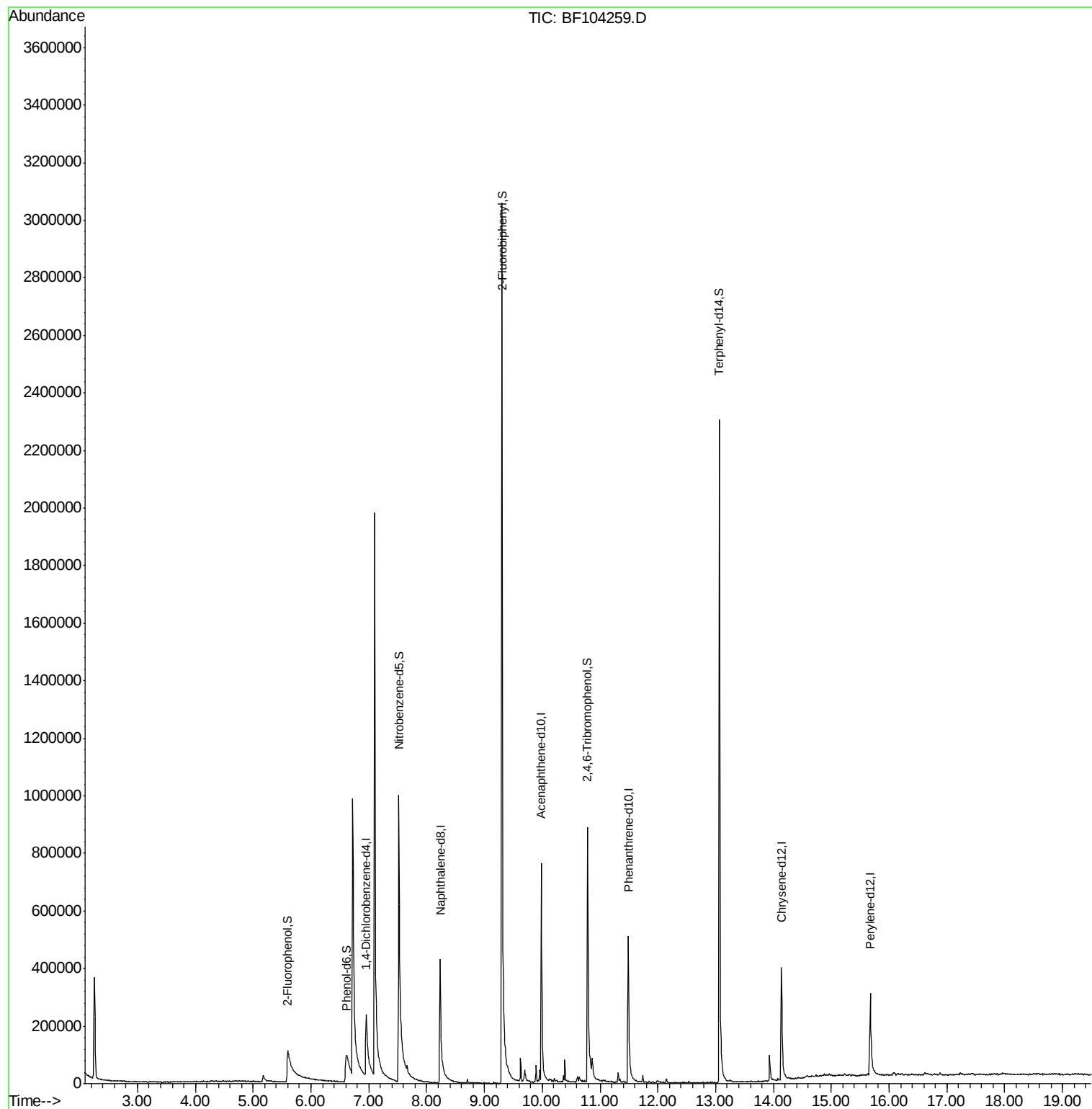
Target Compounds Qvalue

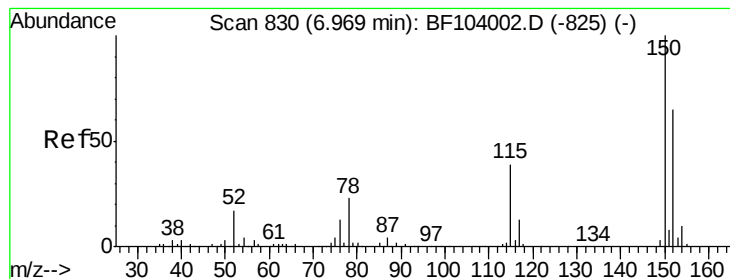
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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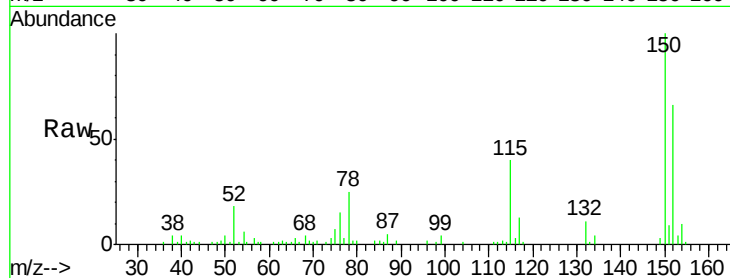


#1

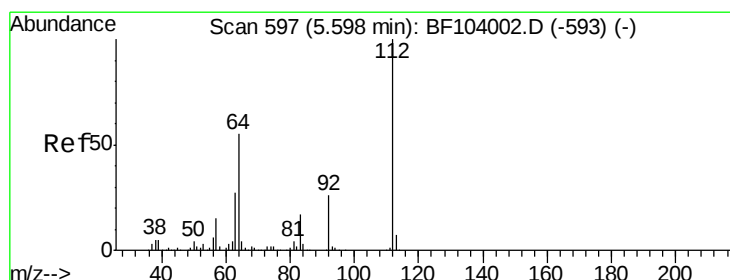
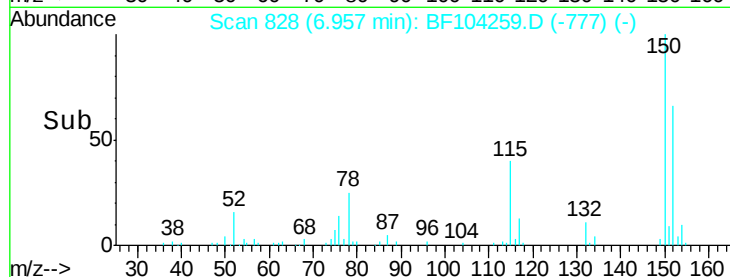
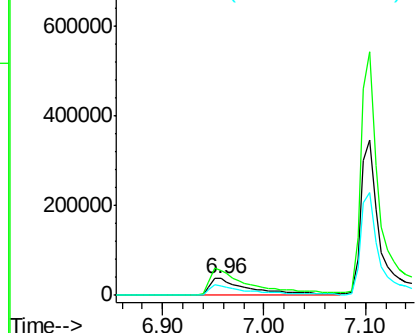
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF104259.D
 Acq: 5 Apr 2018 7:11

Instrument :
 BNA_F
 ClientSampleId :
 032918-DBRI-F-D-B

Tot Ion:152 Resp: 110381
 Ion Ratio Lower Upper
 152 100
 150 150.7 124.6 186.8
 115 60.1 50.1 75.1



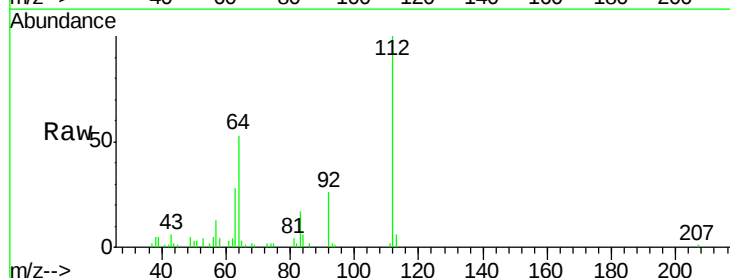
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



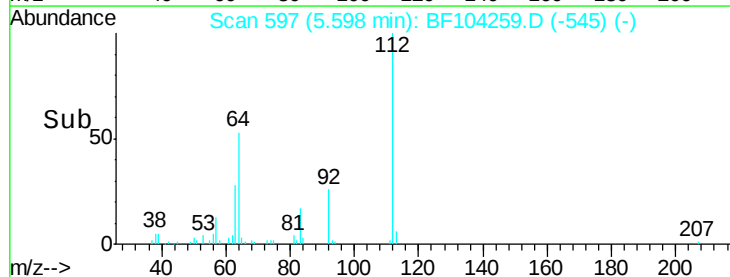
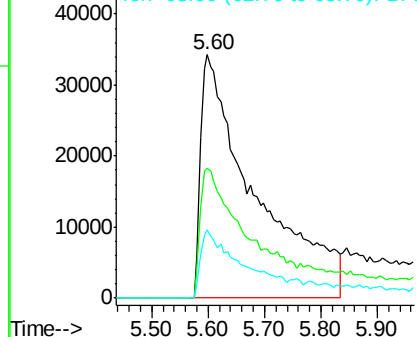
#5

2-Fluorophenol
 Concen: 33.025 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.01 min
 Lab File: BF104259.D
 Acq: 5 Apr 2018 7:11

Tgt Ion:112 Resp: 228587
 Ion Ratio Lower Upper
 112 100
 64 53.2 47.9 71.9
 63 28.0 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: 23.363 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF104259.D

Acq: 5 Apr 2018 7:11

Instrument :

BNA_F

ClientSampleId :

032918-DBRI-F-D-B

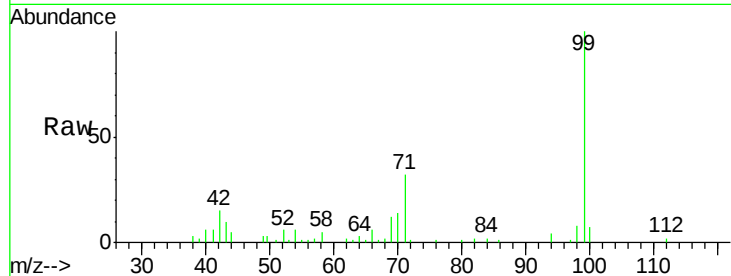
Tot Ion: 99 Resp: 198946

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

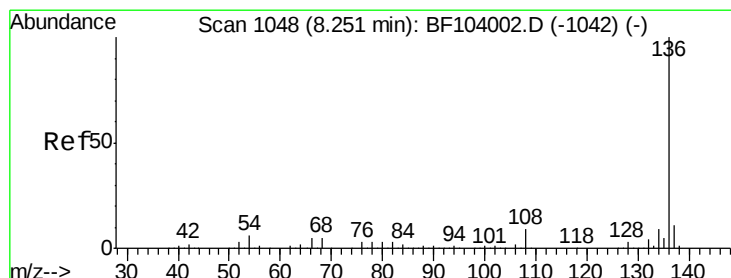
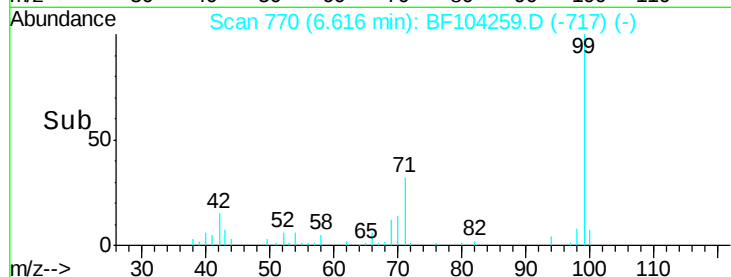
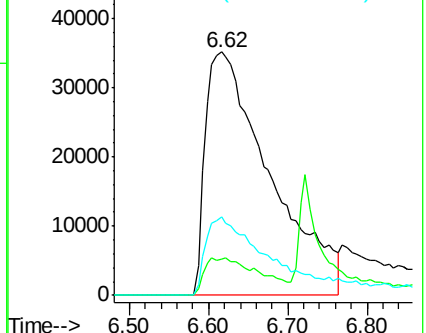
71 32.2 25.4 38.0



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: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF104259.D

Acq: 5 Apr 2018 7:11

Tgt Ion: 136 Resp: 492040

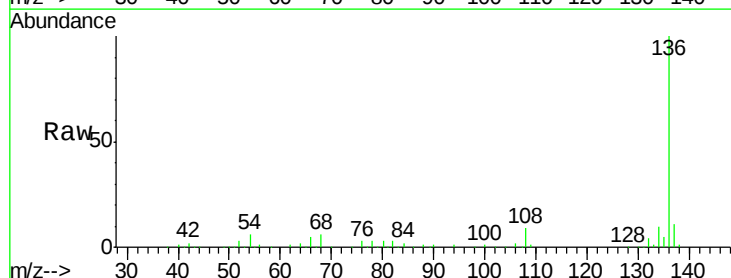
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.3 6.6 9.8#

68 6.3 5.0 7.4

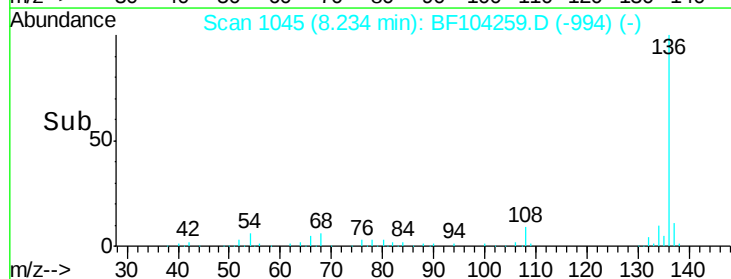
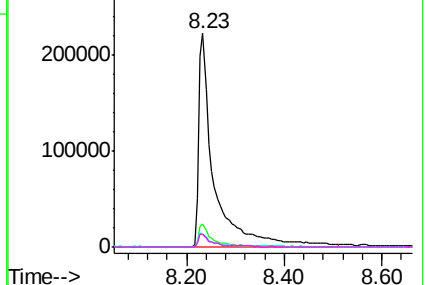


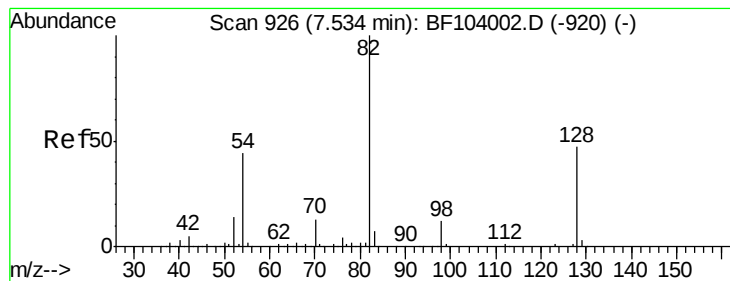
Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.640 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF104259.D

Acq: 5 Apr 2018 7:11

Instrument :

BNA_F

ClientSampleId :

032918-DBRI-F-D-B

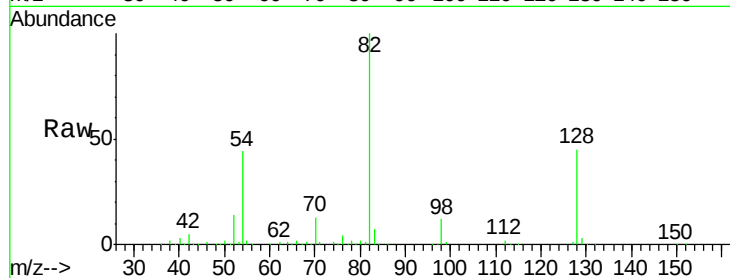
Tot Ion: 82 Resp: 801673

Ion Ratio Lower Upper

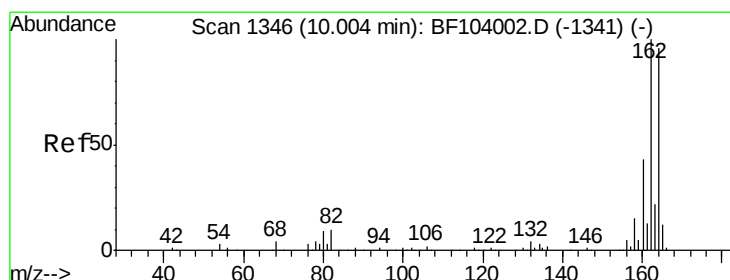
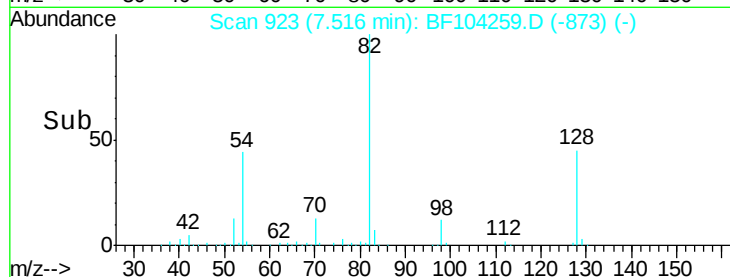
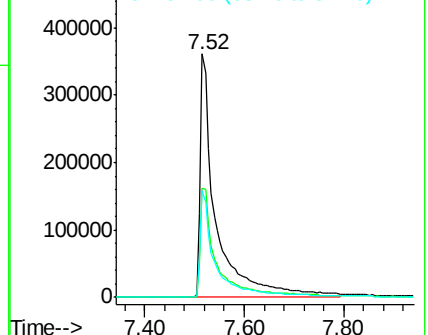
82 100

128 45.1 36.1 54.1

54 43.9 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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF104259.D

Acq: 5 Apr 2018 7:11

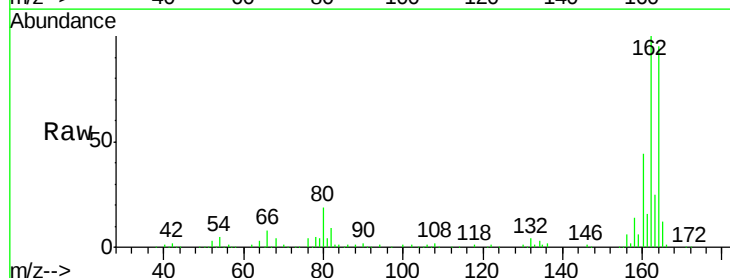
Tgt Ion:164 Resp: 207114

Ion Ratio Lower Upper

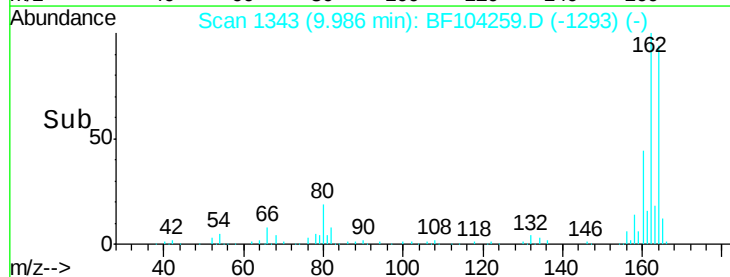
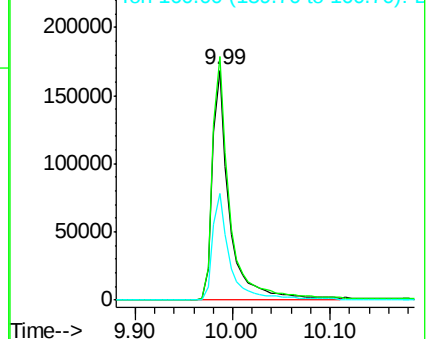
164 100

162 105.8 86.1 129.1

160 46.5 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

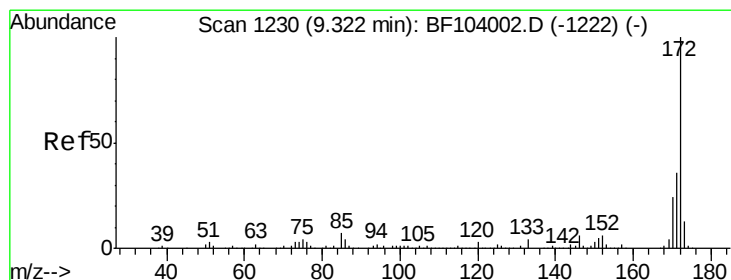
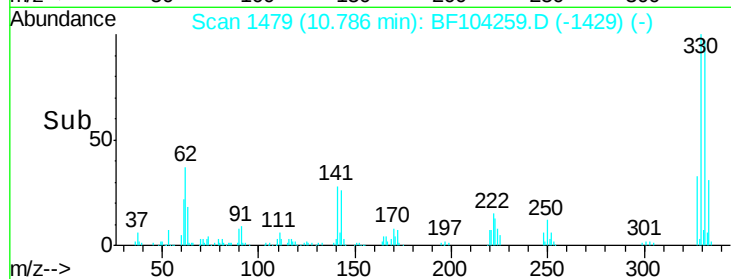
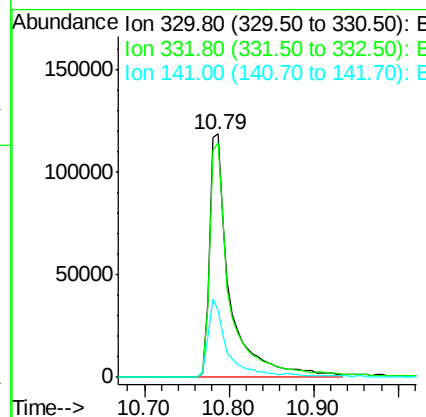
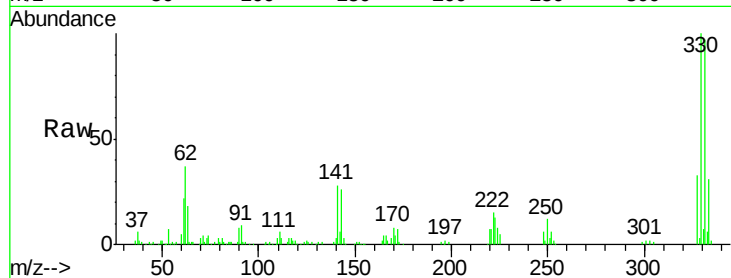




#41
 2,4,6-Tribromophenol
 Concen: 86.876 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104259.D
 Acq: 5 Apr 2018 7:11

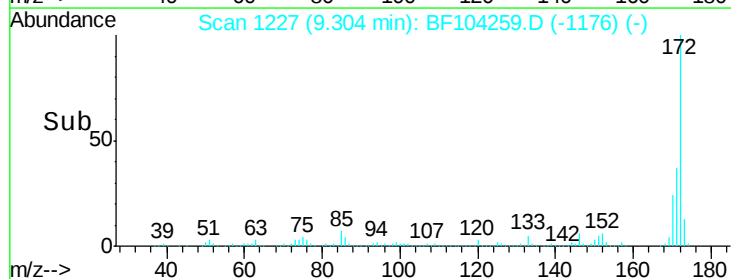
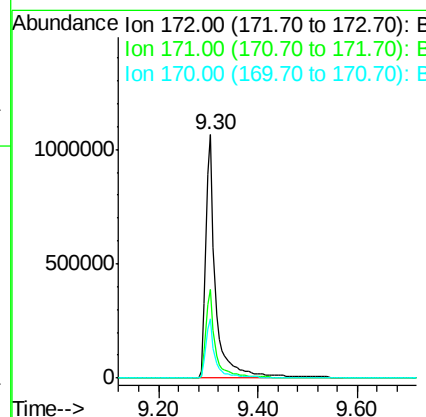
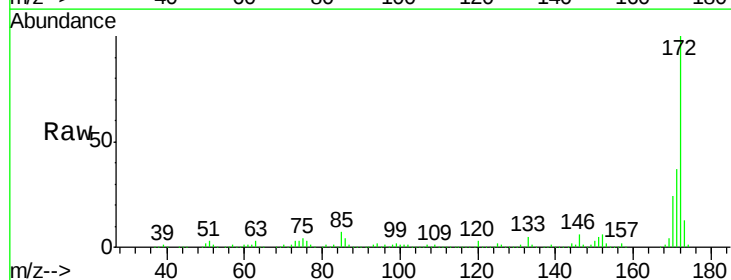
Instrument :
 BNA_F
 ClientSampleId :
 032918-DBRI-F-D-B

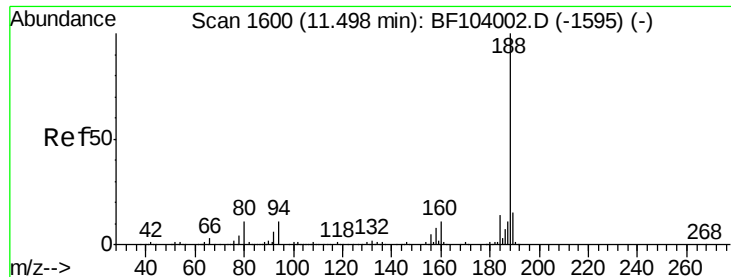
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.6
141	31.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 113.478 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF104259.D
 Acq: 5 Apr 2018 7:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF104259.D

Acq: 5 Apr 2018 7:11

Instrument :

BNA_F

ClientSampleId :

032918-DBRI-F-D-B

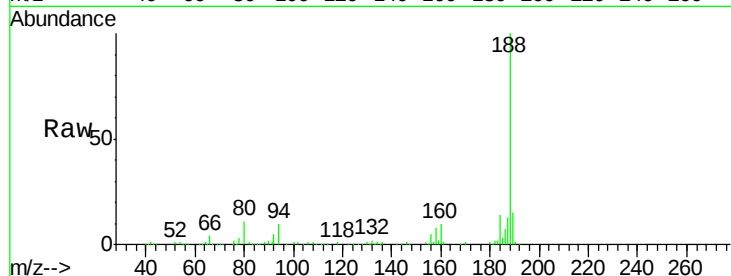
Tot Ion:188 Resp: 342970

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

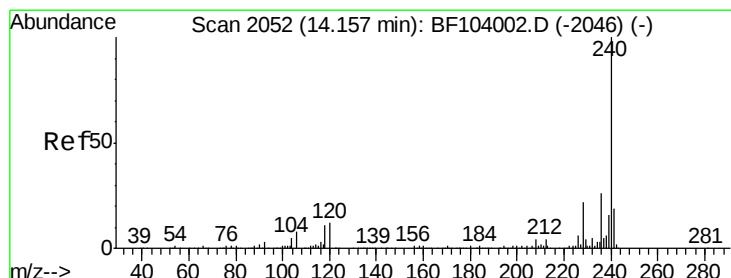
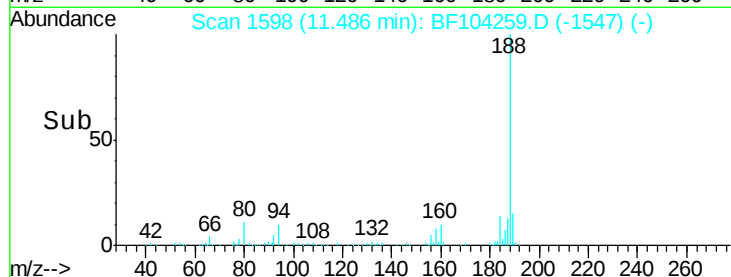
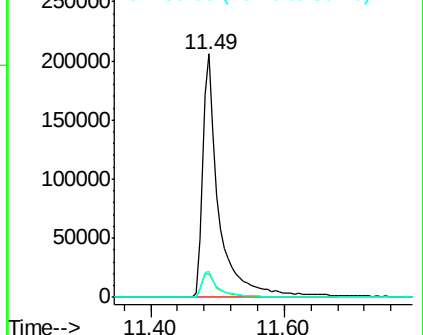
80 10.8 9.2 13.8



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: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104259.D

Acq: 5 Apr 2018 7:11

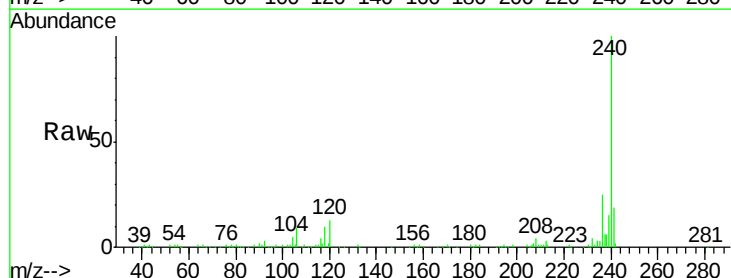
Tgt Ion:240 Resp: 220151

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

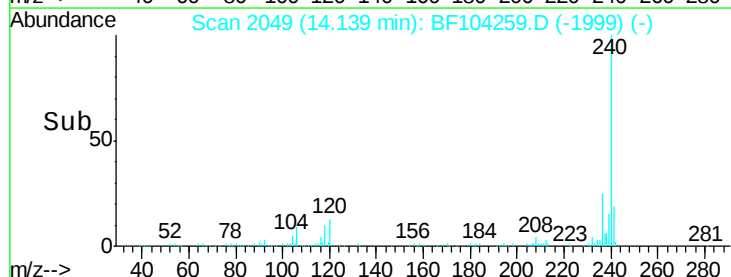
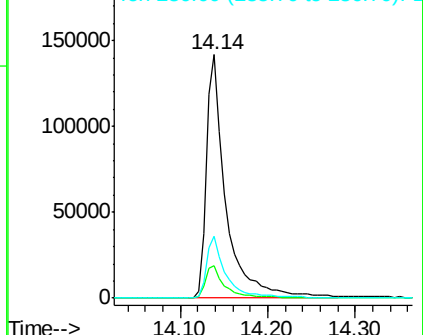
236 25.3 20.7 31.1

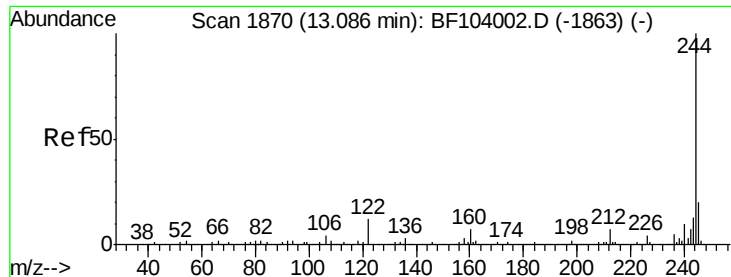


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 110.770 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104259.D

Acq: 5 Apr 2018 7:11

Instrument :

BNA_F

ClientSampleId :

032918-DBRI-F-D-B

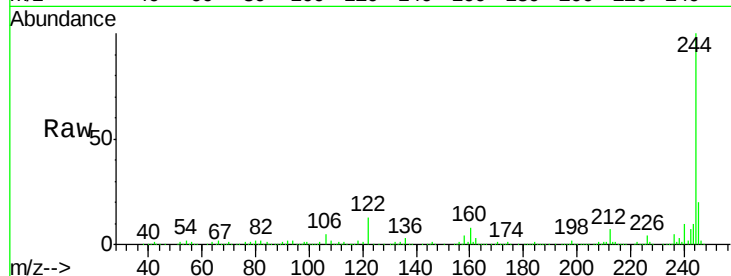
Tot Ion:244 Resp: 1056151

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

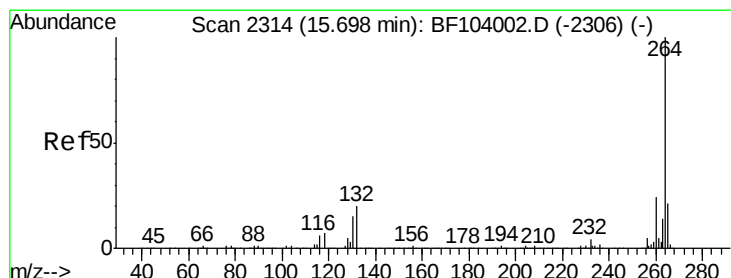
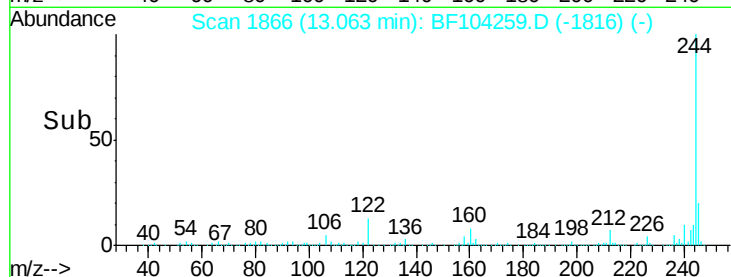
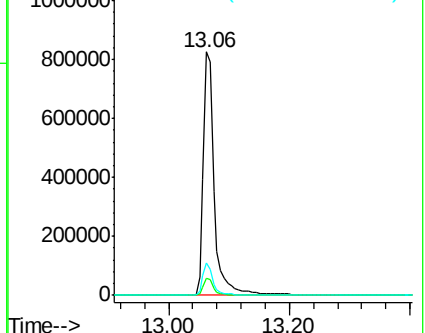
122 13.4 11.0 16.4



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: 15.67 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BF104259.D

Acq: 5 Apr 2018 7:11

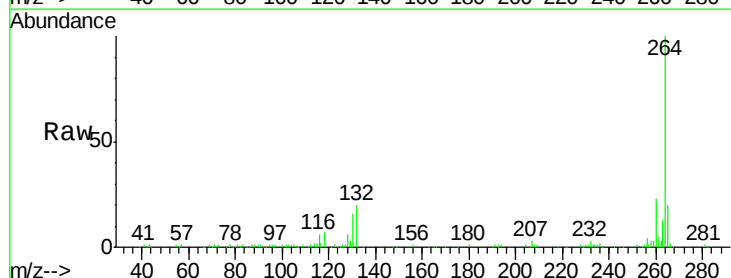
Tgt Ion:264 Resp: 203669

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 20.0 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

