

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104260.D
 Acq On : 5 Apr 2018 7:37
 Operator : JU/SJ
 Sample : J2179-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Apr 05 08:32:56 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	98410	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	452514	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	199408	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	311149	20.00	ng	0.00
75) Chrysene-d12	14.14	240	218322	20.00	ng	0.00
86) Perylene-d12	15.68	264	188775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	198126	32.11	ng	0.01
7) Phenol-d6	6.63	99	193598	25.50	ng	0.02
23) Nitrobenzene-d5	7.52	82	710568	96.03	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	183324	82.56	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1379860	109.12	ng	0.00
78) Terphenyl-d14	13.06	244	954807	100.98	ng	0.00

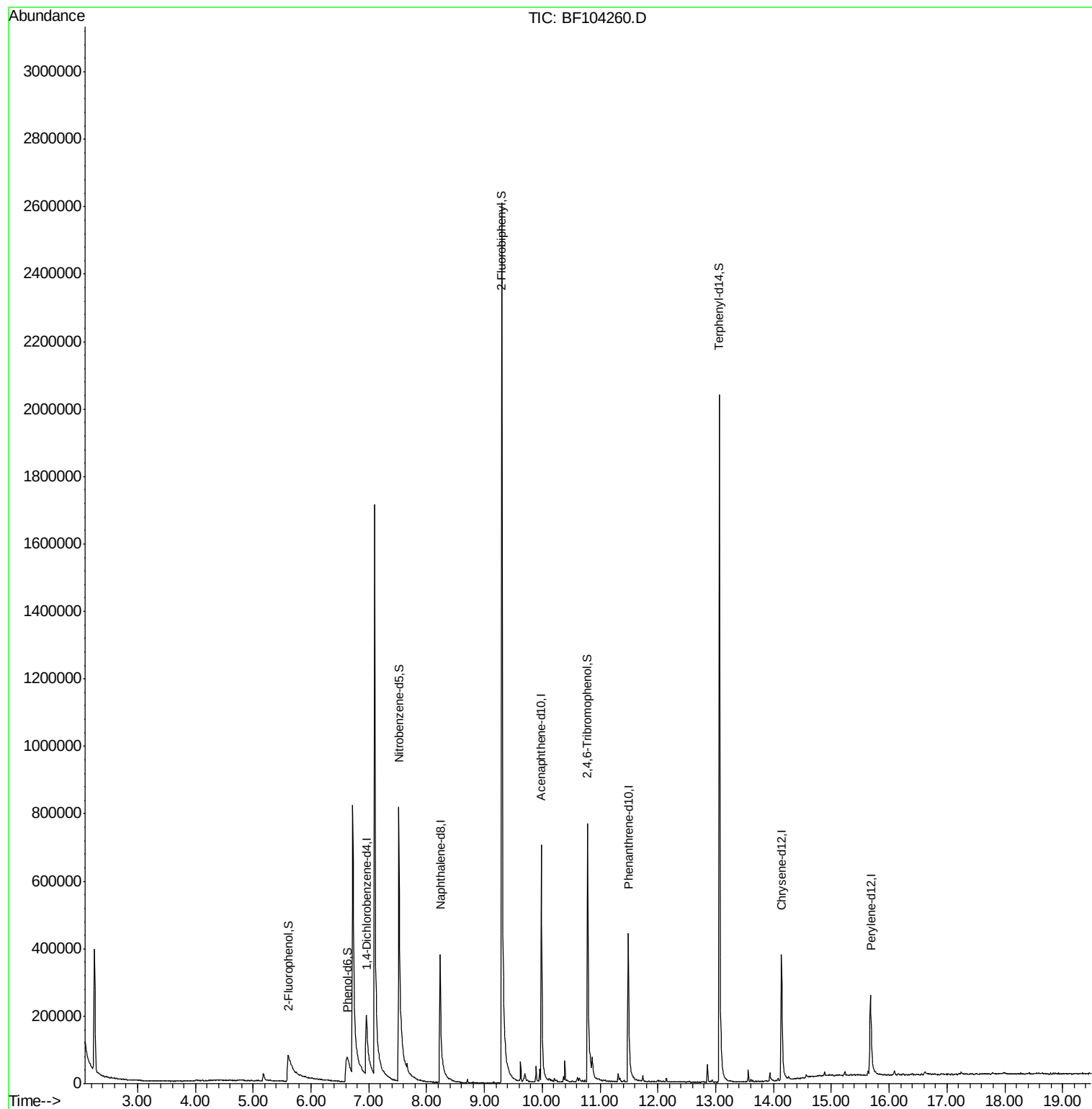
Target Compounds Qvalue

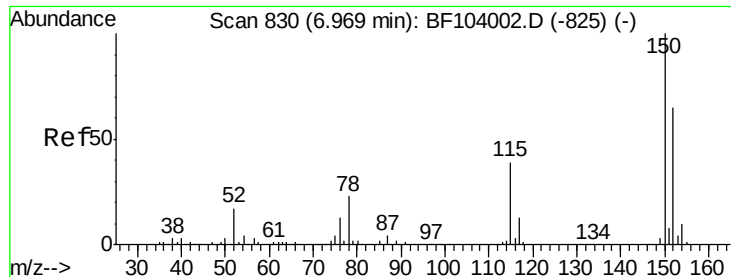
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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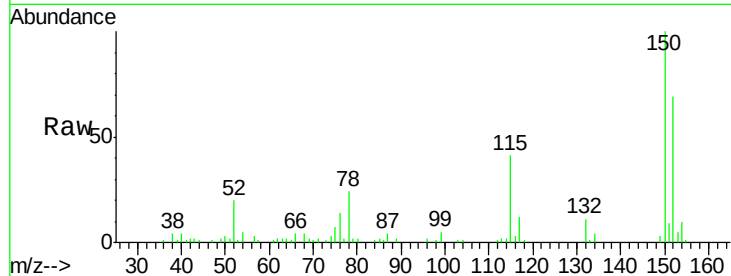


#1

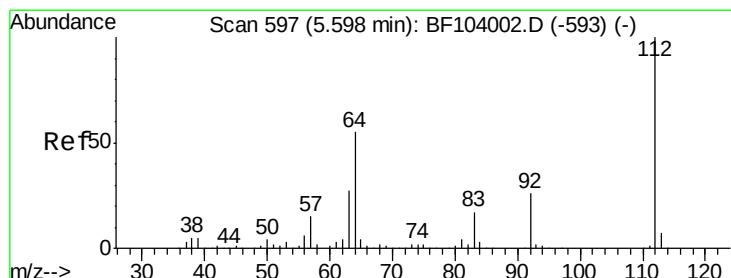
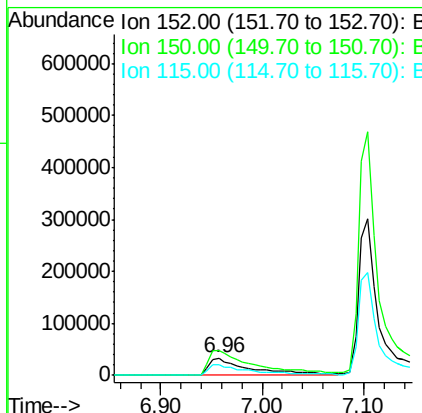
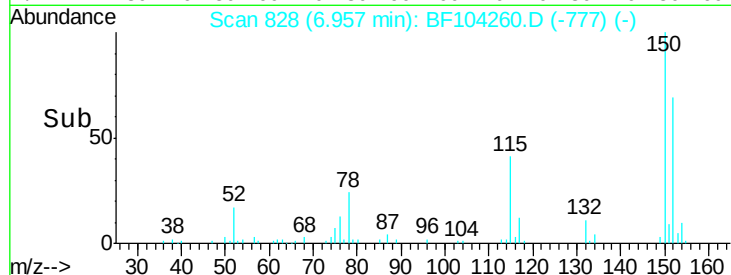
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF104260.D
 Acq: 5 Apr 2018 7:37

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

Tot Ion:152 Resp: 98410
 Ion Ratio Lower Upper
 152 100
 150 144.7 124.6 186.8
 115 58.7 50.1 75.1



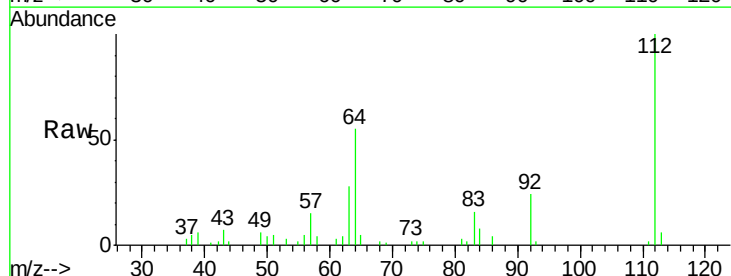
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



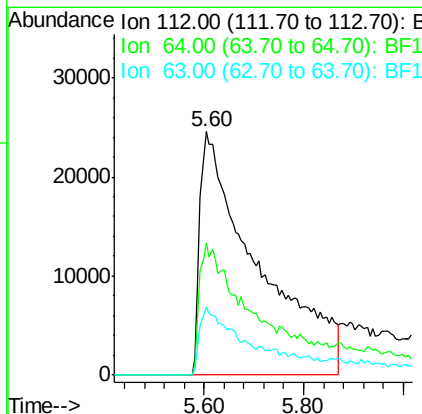
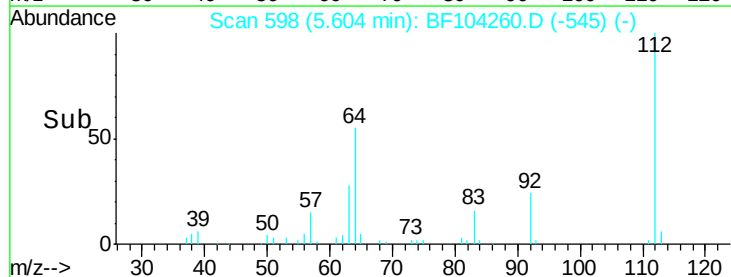
#5

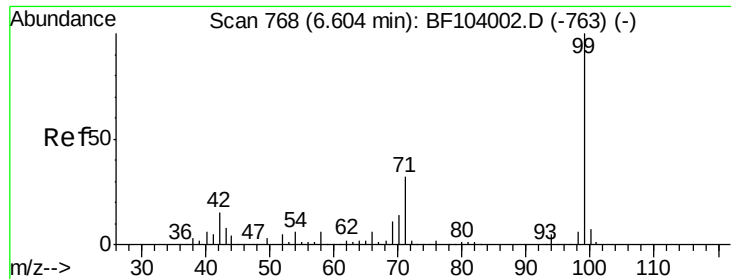
2-Fluorophenol
 Concen: 32.107 ng
 RT: 5.60 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF104260.D
 Acq: 5 Apr 2018 7:37

Tgt Ion:112 Resp: 198126
 Ion Ratio Lower Upper
 112 100
 64 54.6 47.9 71.9
 63 27.9 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: 25.500 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.02 min

Lab File: BF104260.D

Acq: 5 Apr 2018 7:37

Instrument :

BNA_F

ClientSampleId :

032918-DBRI-F-D-M

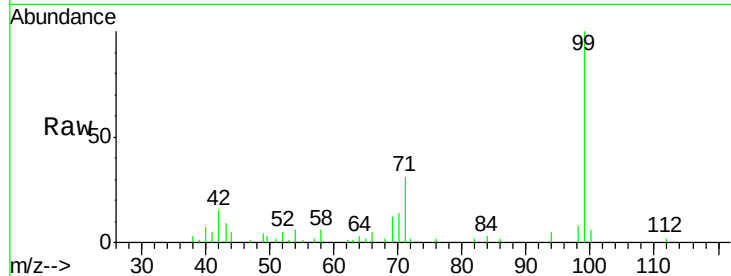
Tot Ion: 99 Resp: 193598

Ion Ratio Lower Upper

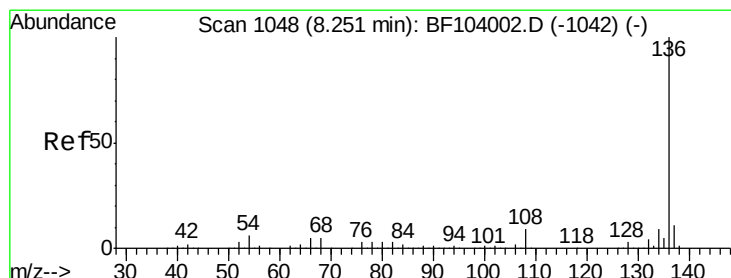
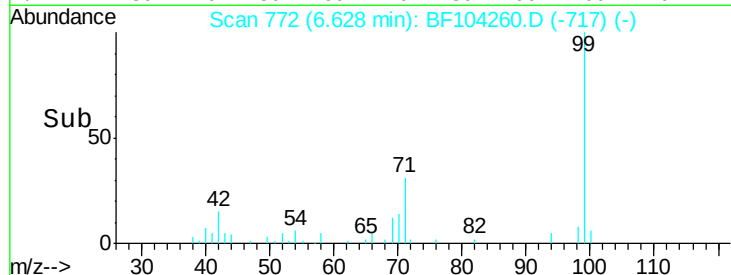
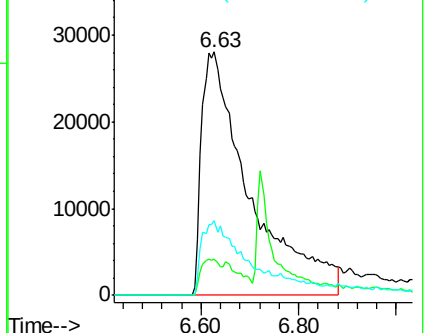
99 100

42 14.7 14.5 21.7

71 30.8 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: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104260.D

Acq: 5 Apr 2018 7:37

Tgt Ion: 136 Resp: 452514

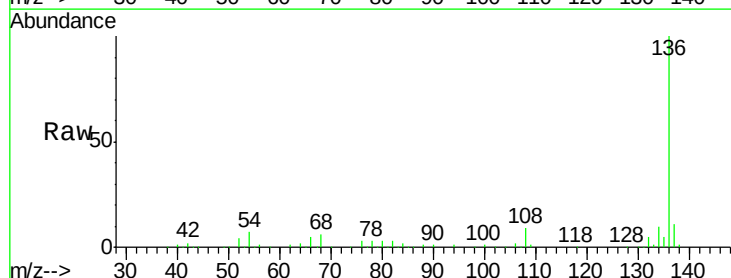
Ion Ratio Lower Upper

136 100

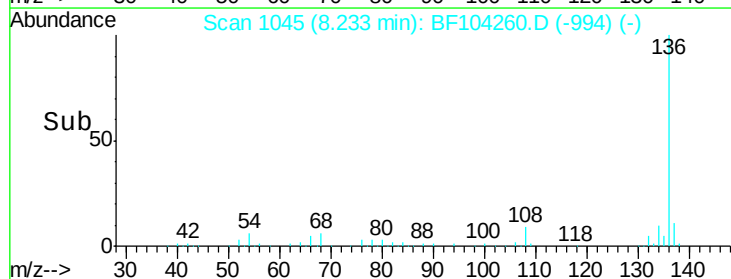
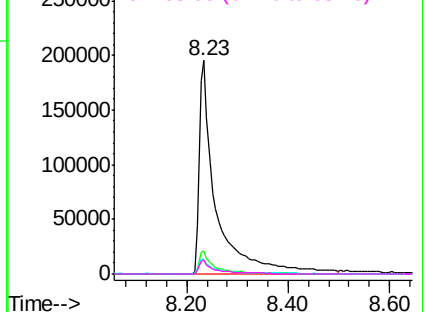
137 10.9 8.9 13.3

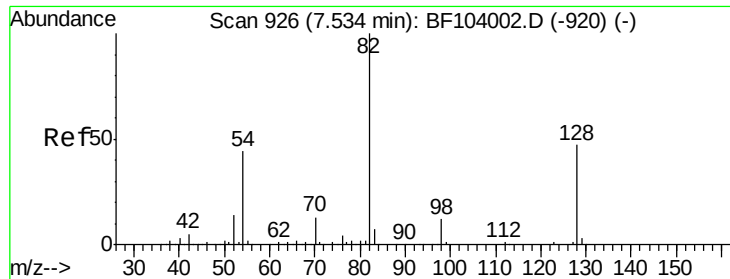
54 6.9 6.6 9.8

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

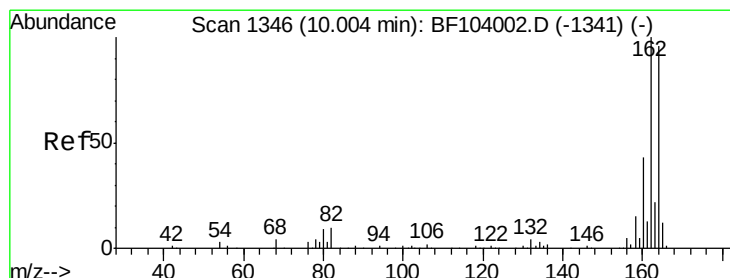
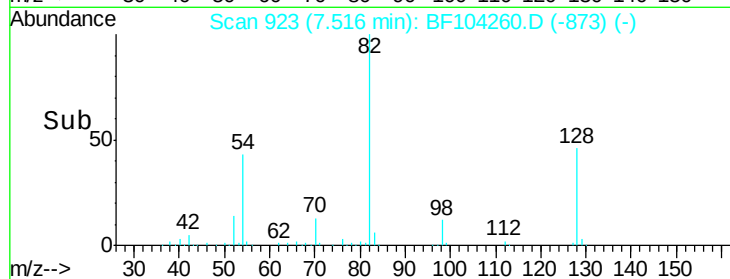
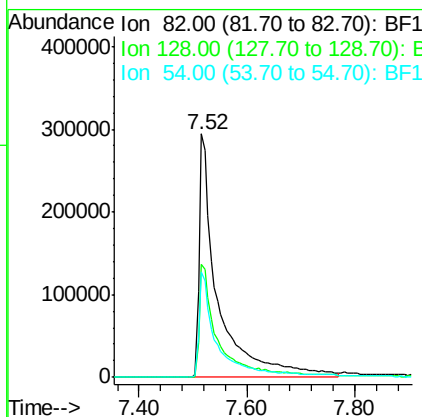
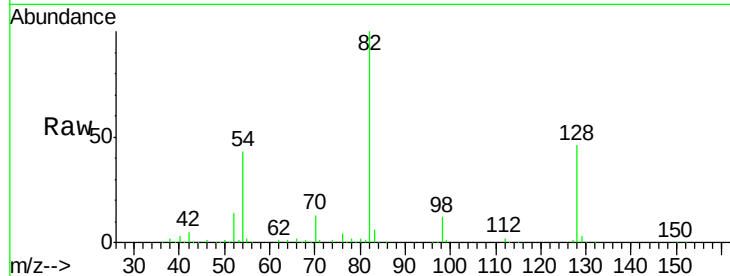




#23
 Nitrobenzene-d5
 Concen: 96.031 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104260.D
 Acq: 5 Apr 2018 7:37

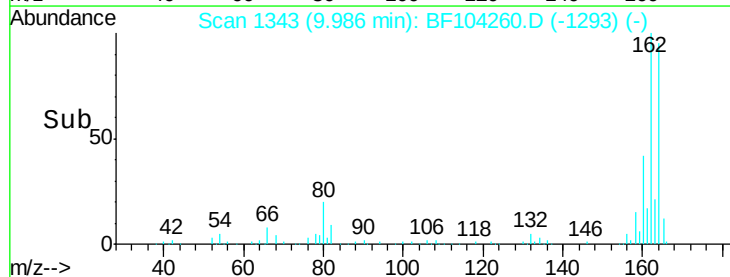
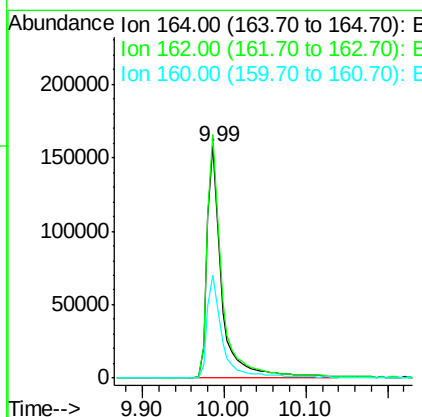
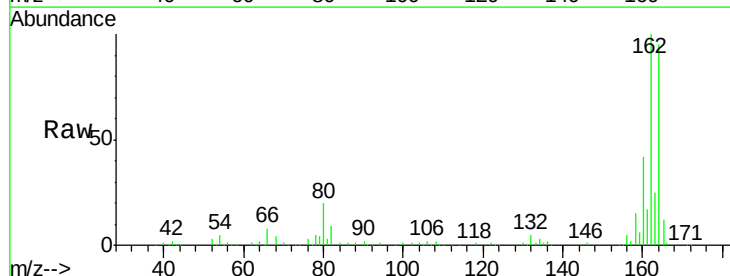
Instrument :
 BNA_F
 ClientSampleId :
 032918-DBRI-F-D-M

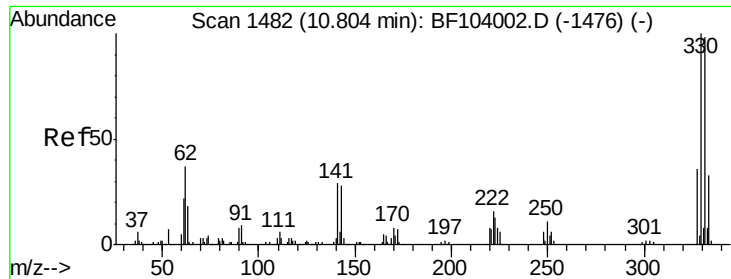
Tot Ion: 82 Resp: 710568
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.1 54.1
 54 43.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104260.D
 Acq: 5 Apr 2018 7:37

Tgt Ion:164 Resp: 199408
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 44.7 38.3 57.5

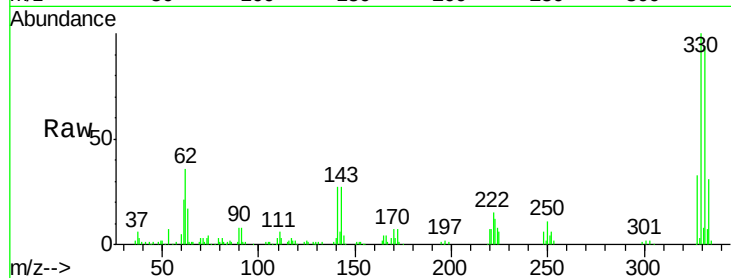




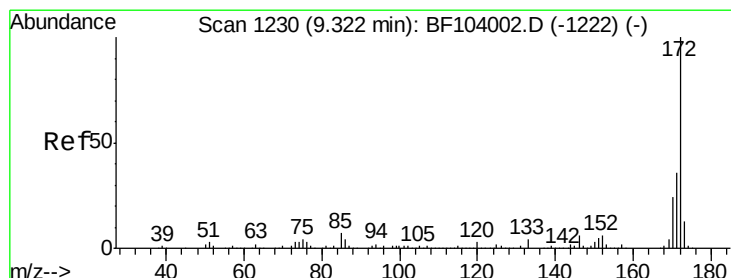
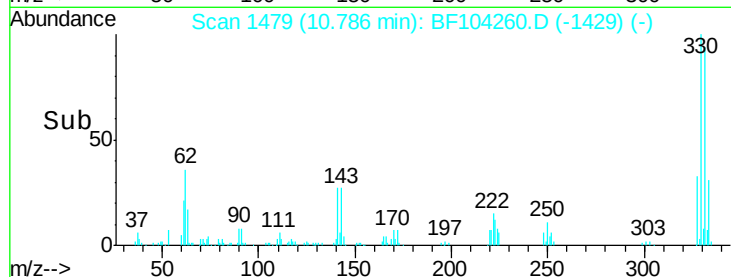
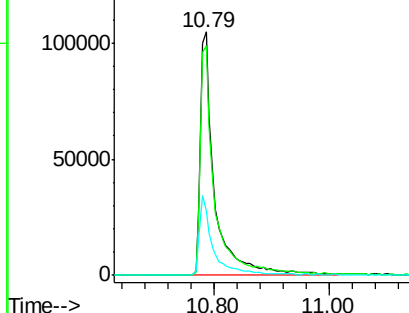
#41
 2,4,6-Tribromophenol
 Concen: 82.563 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104260.D
 Acq: 5 Apr 2018 7:37

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.1	77.0	115.6
141	31.5	29.9	44.9

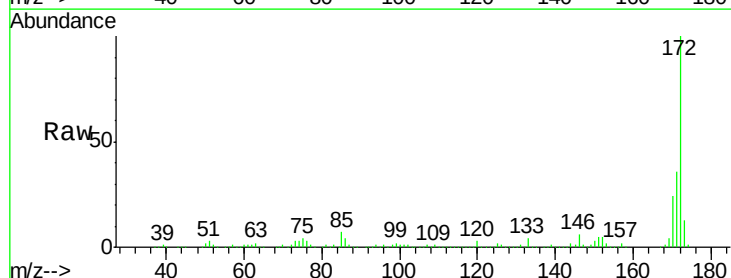


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

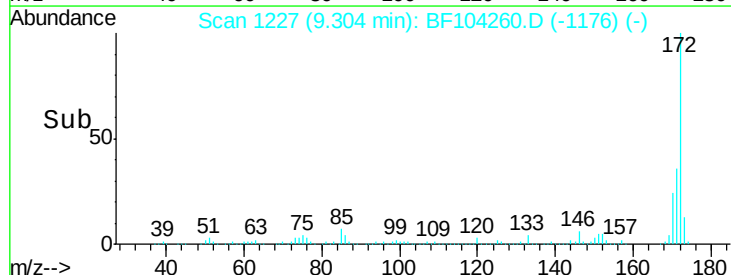
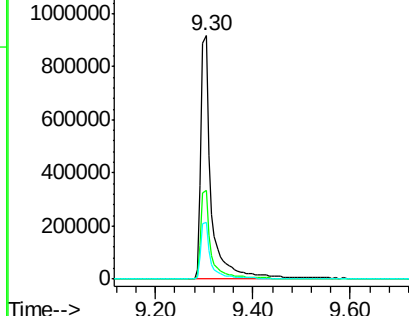


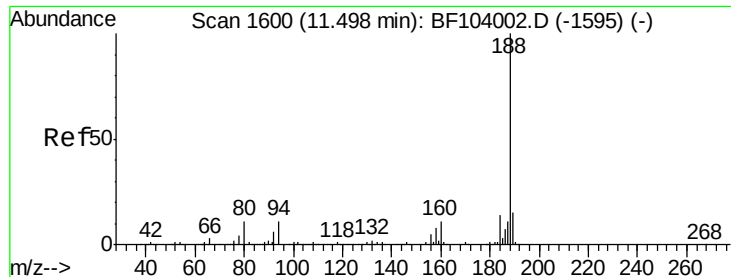
#44
 2-Fluorobiphenyl
 Concen: 109.119 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF104260.D
 Acq: 5 Apr 2018 7:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.6	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: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF104260.D

Acq: 5 Apr 2018 7:37

Instrument :

BNA_F

ClientSampleId :

032918-DBRI-F-D-M

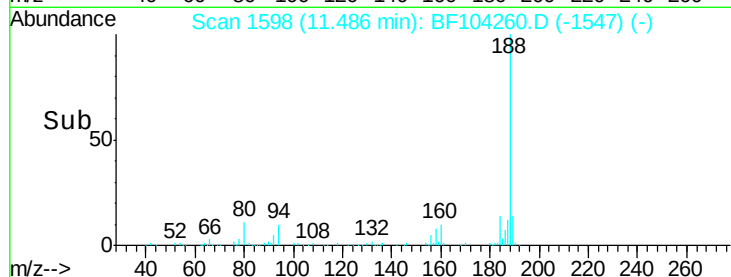
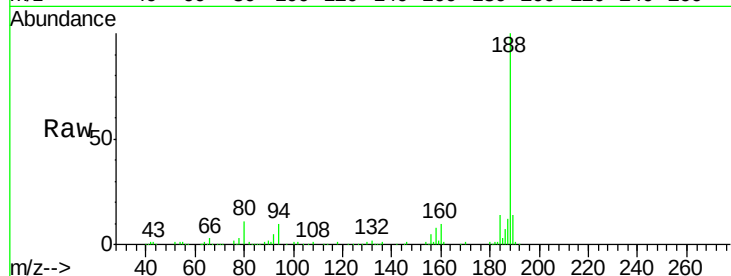
Tot Ion:188 Resp: 311149

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

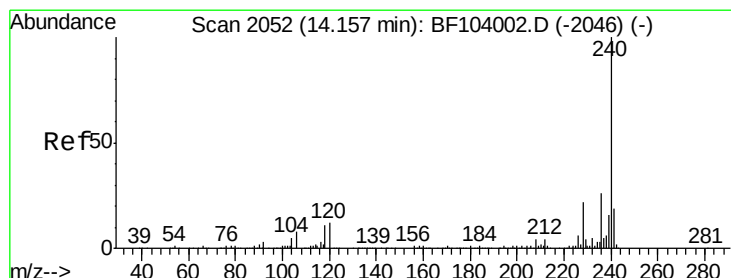
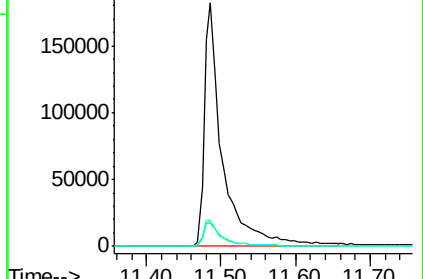
80 10.7 9.2 13.8



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: BF104260.D

Acq: 5 Apr 2018 7:37

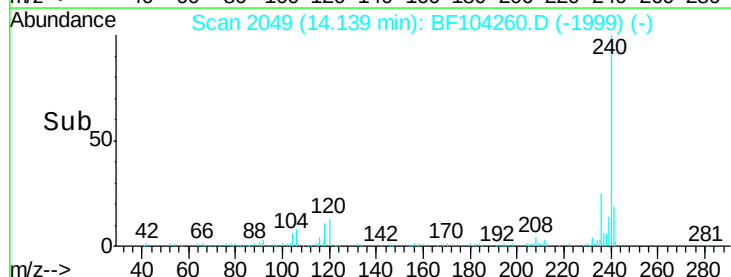
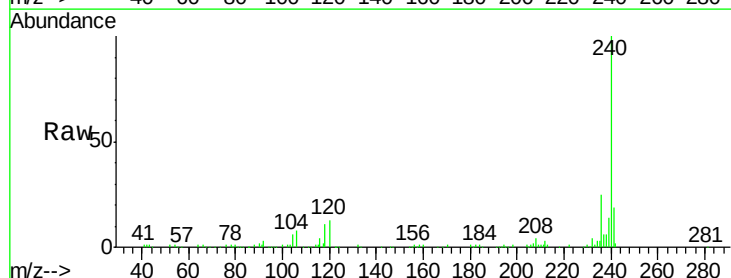
Tgt Ion:240 Resp: 218322

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

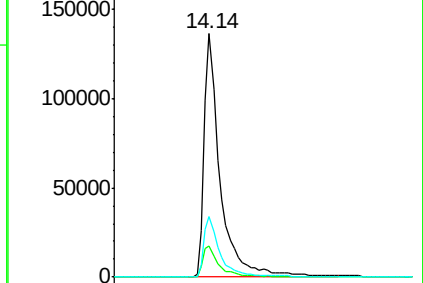
236 24.8 20.7 31.1

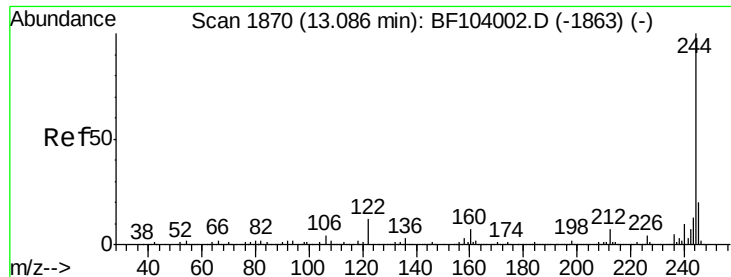


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.979 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104260.D

Acq: 5 Apr 2018 7:37

Instrument :

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ClientSampleId :

032918-DBRI-F-D-M

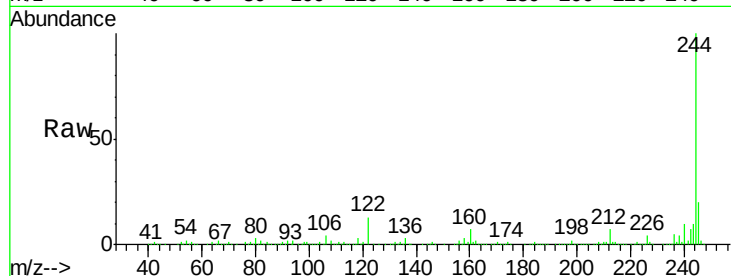
Tot Ion:244 Resp: 954807

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

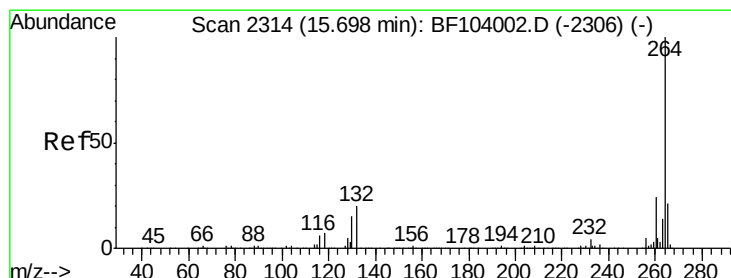
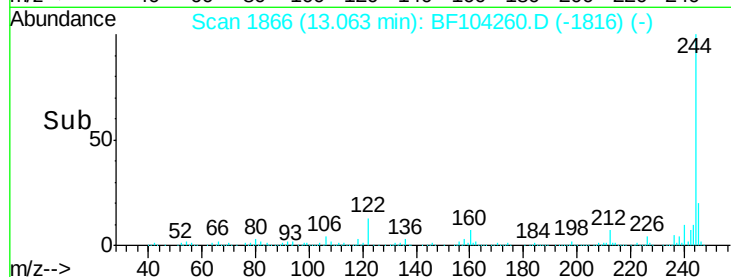
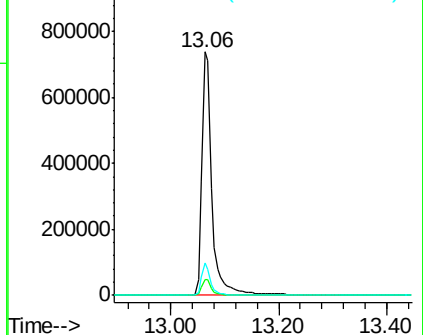
122 13.2 11.0 16.4



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: 15.68 min Scan# 2311

Delta R.T. -0.00 min

Lab File: BF104260.D

Acq: 5 Apr 2018 7:37

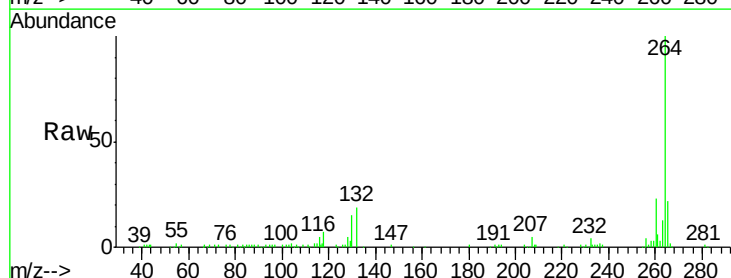
Tgt Ion:264 Resp: 188775

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.9 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

