

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106902.D
 Acq On : 28 Jun 2018 5:33
 Operator : JU/SJ
 Sample : J3719-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 062518-DBRI-F-D-B

Quant Time: Jun 28 07:29:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	43884	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	150982	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	61529	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	105562	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	126929	20.00	ng	-0.03
86) Perylene-d12	15.67	264	89240	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	121813	47.00	ng	0.00
7) Phenol-d6	6.60	99	99111	30.62	ng	-0.02
23) Nitrobenzene-d5	7.52	82	252822	93.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	64255	90.10	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	434689	126.84	ng	-0.01
78) Terphenyl-d14	13.07	244	454822	86.80	ng	-0.01

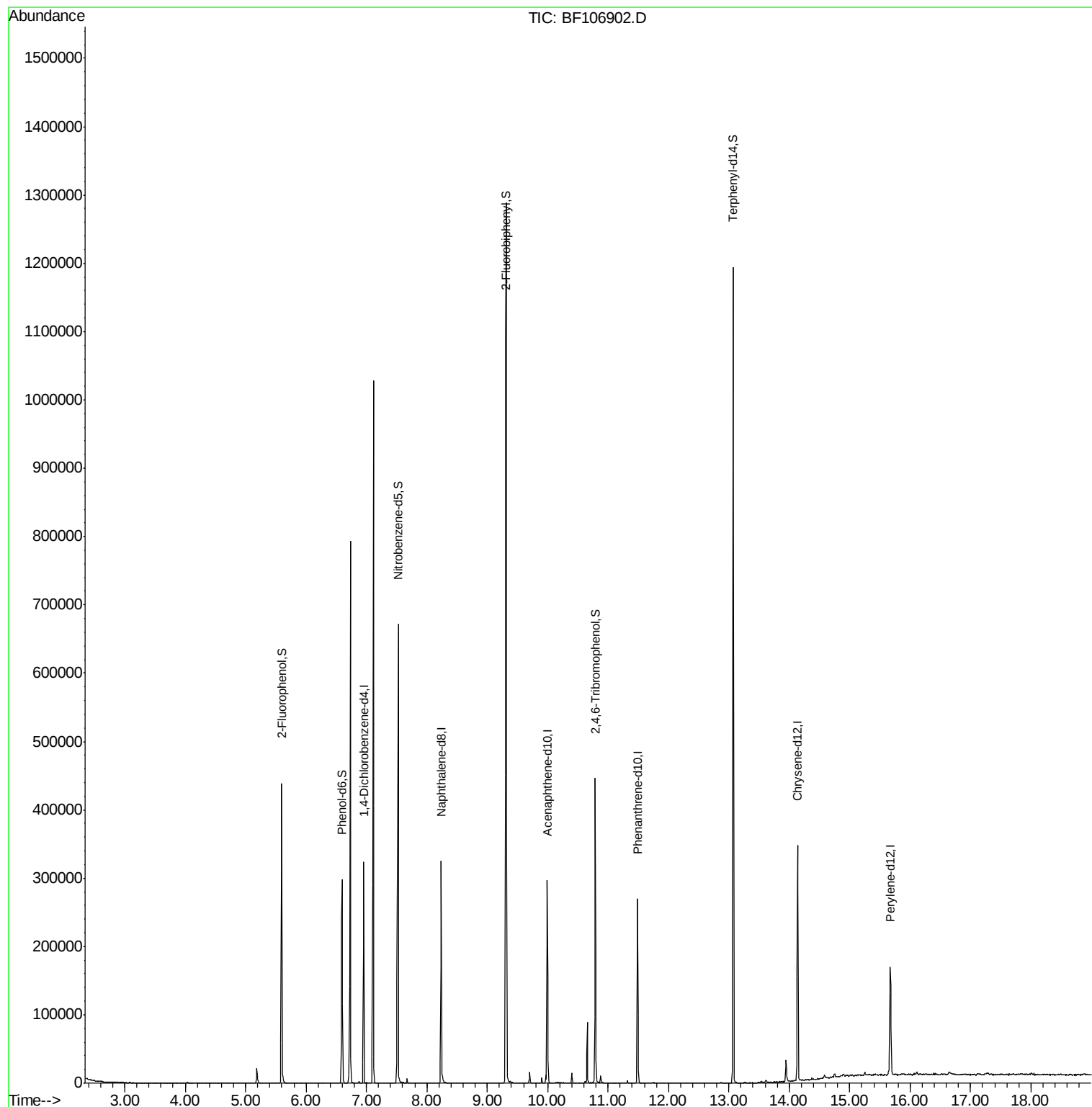
Target Compounds Qvalue

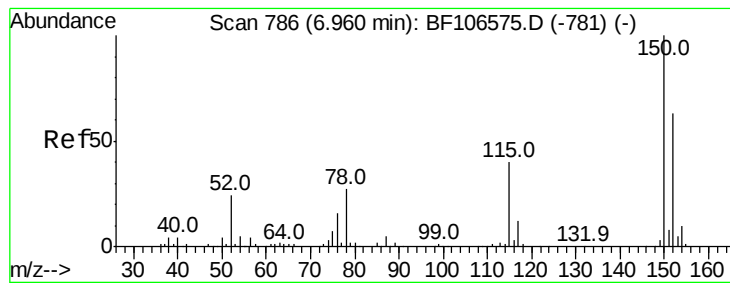
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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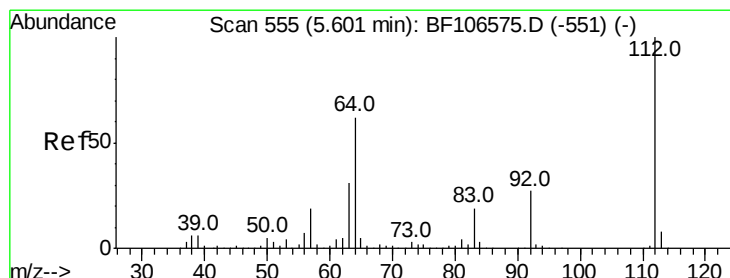
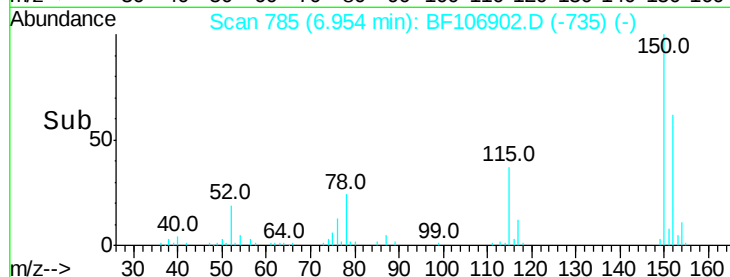
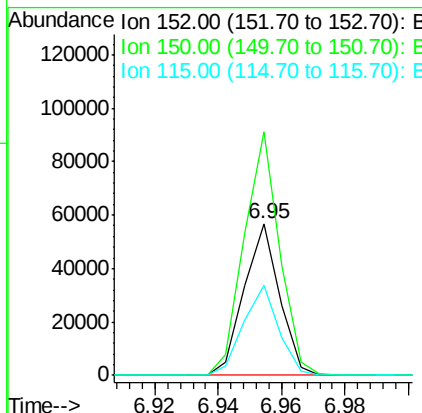
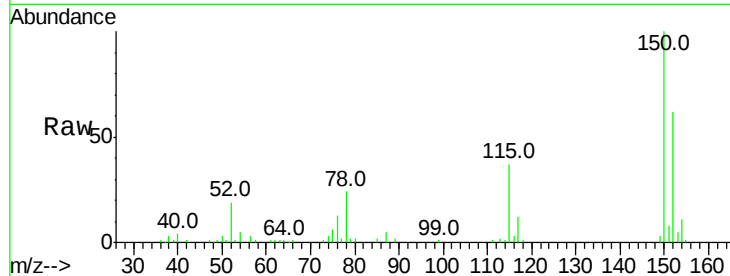


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106902.D
 Acq: 28 Jun 2018 5:33

Instrument :
 BNA_F
 ClientSampleId :
 062518-DBRI-F-D-B

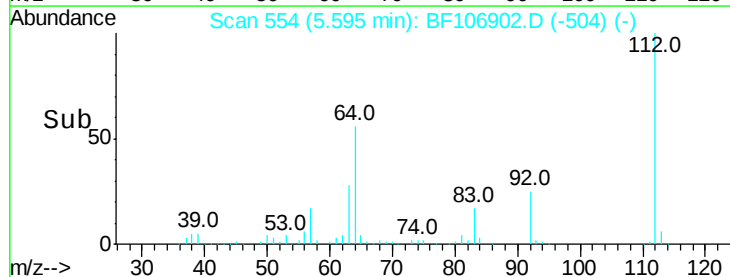
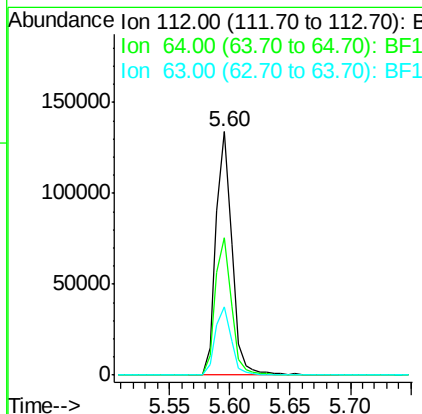
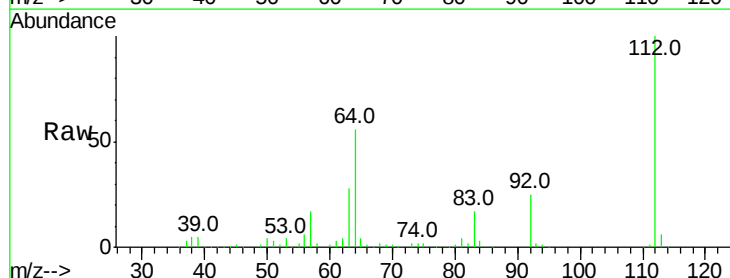
Tot Ion:152 Resp: 43884
 Ion Ratio Lower Upper
 152 100
 150 160.2 124.6 186.8
 115 59.4 50.1 75.1



#5

2-Fluorophenol
 Concen: 47.003 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF106902.D
 Acq: 28 Jun 2018 5:33

Tgt Ion:112 Resp: 121813
 Ion Ratio Lower Upper
 112 100
 64 56.4 47.9 71.9
 63 28.2 23.7 35.5





#7

Phenol-d6

Concen: 30.624 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106902.D

Acq: 28 Jun 2018 5:33

Instrument :

BNA_F

ClientSampleId :

062518-DBRI-F-D-B

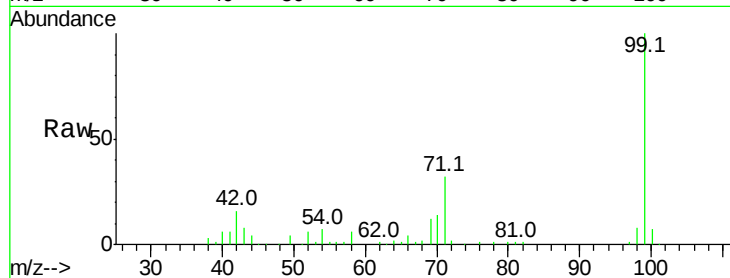
Tot Ion: 99 Resp: 99111

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

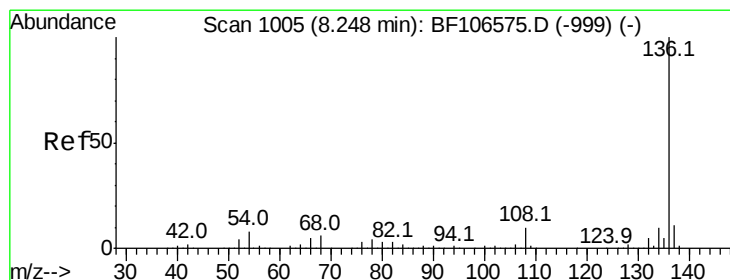
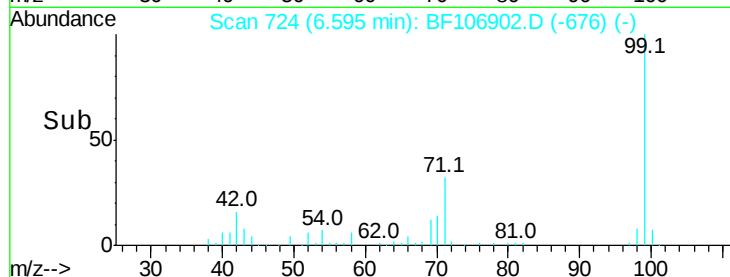
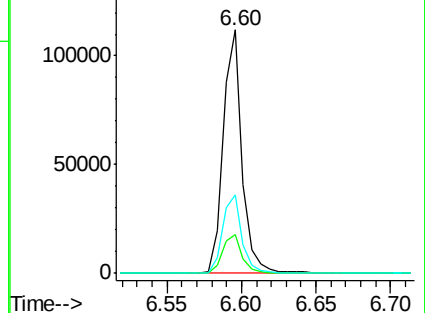
71 32.3 25.4 38.0



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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106902.D

Acq: 28 Jun 2018 5:33

Tgt Ion: 136 Resp: 150982

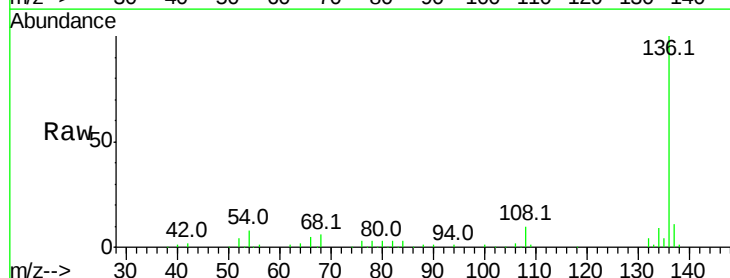
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.7 6.6 9.8

68 5.8 5.0 7.4

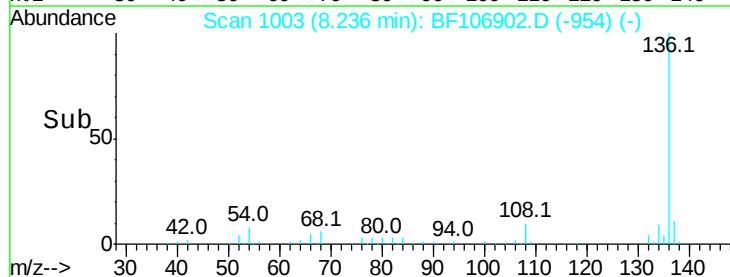
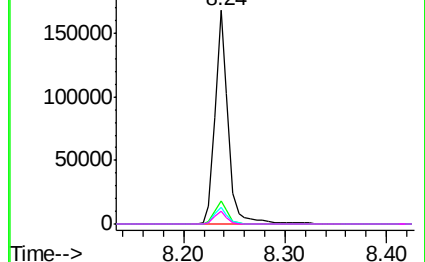


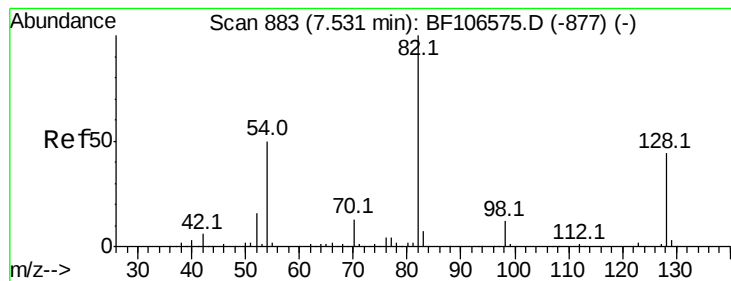
Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.059 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106902.D

Acq: 28 Jun 2018 5:33

Instrument :

BNA_F

ClientSampleId :

062518-DBRI-F-D-B

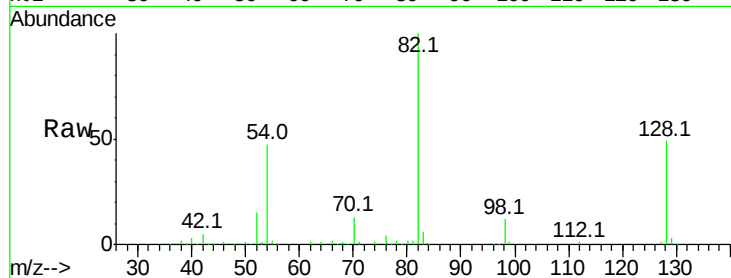
Tot Ion: 82 Resp: 252822

Ion Ratio Lower Upper

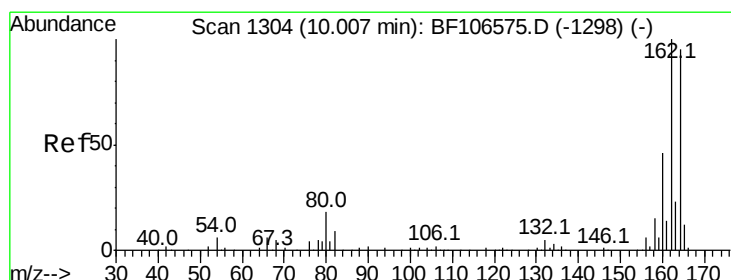
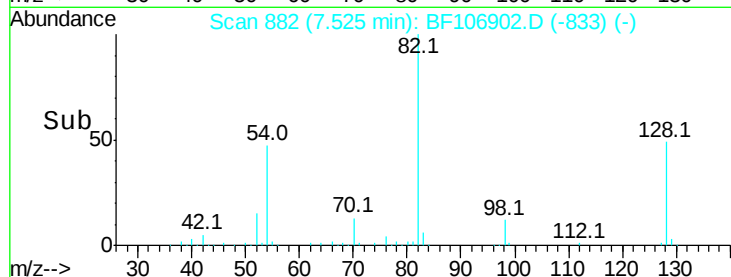
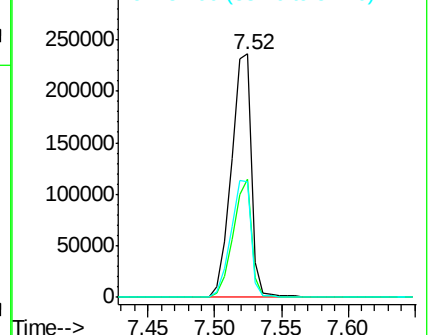
82 100

128 48.7 36.1 54.1

54 47.4 41.4 62.2



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF106902.D

Acq: 28 Jun 2018 5:33

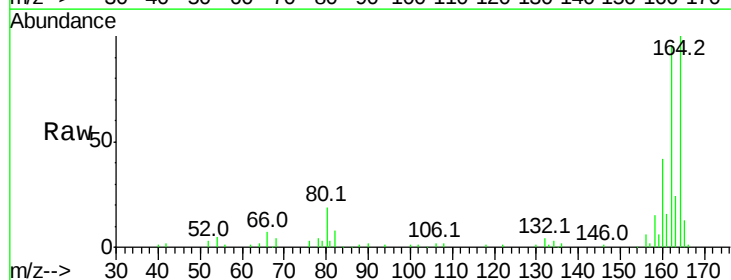
Tgt Ion:164 Resp: 61529

Ion Ratio Lower Upper

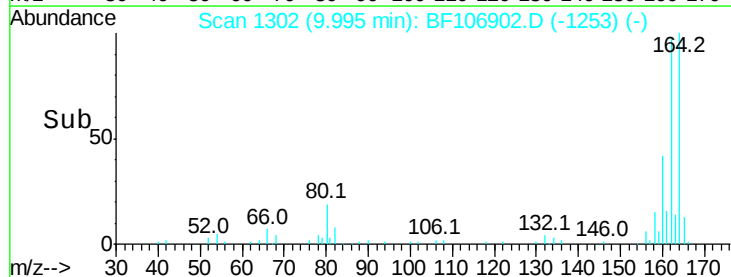
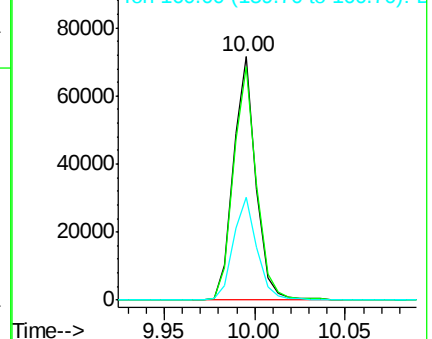
164 100

162 96.0 86.1 129.1

160 42.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

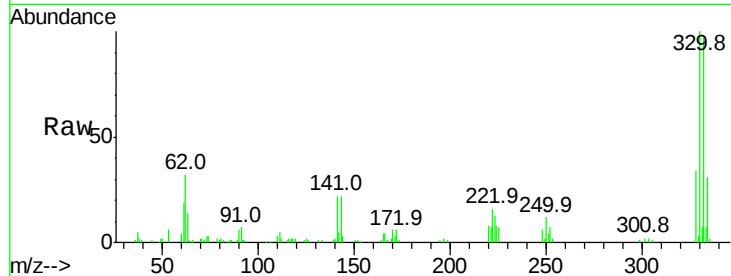




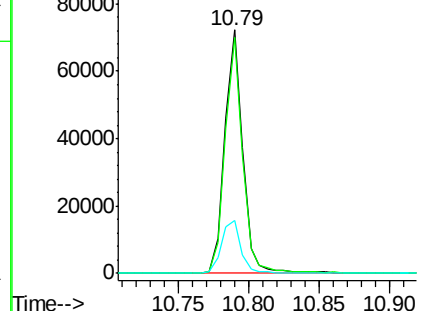
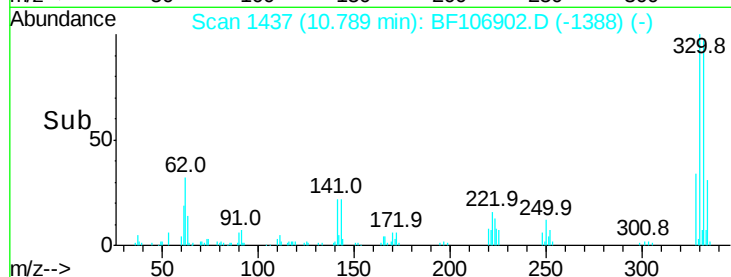
#41
 2,4,6-Tribromophenol
 Concen: 90.102 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106902.D
 Acq: 28 Jun 2018 5:33

Instrument :
 BNA_F
 ClientSampleId :
 062518-DBRI-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	23.0	29.9	44.9#

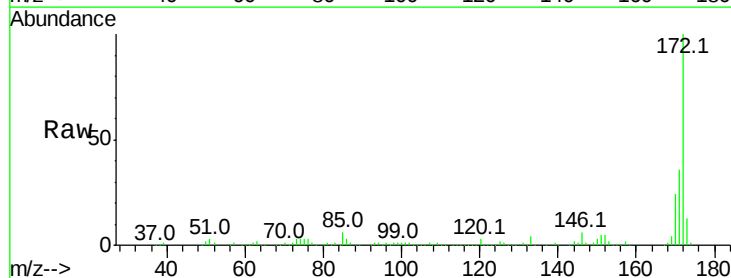


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

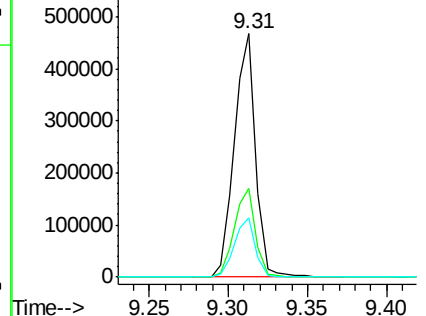
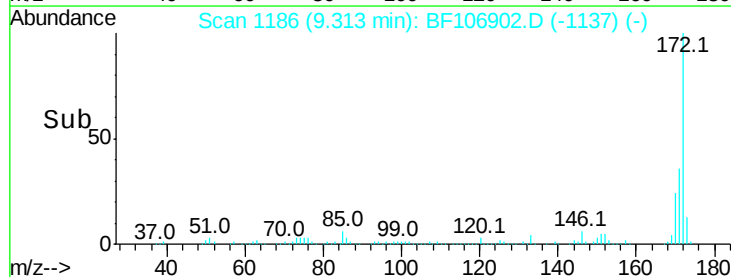


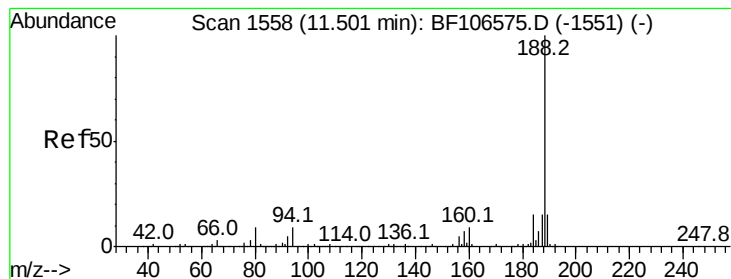
#44
 2-Fluorobiphenyl
 Concen: 126.842 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106902.D
 Acq: 28 Jun 2018 5:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	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# 1556

Delta R.T. -0.01 min

Lab File: BF106902.D

Acq: 28 Jun 2018 5:33

Instrument :

BNA_F

ClientSampleId :

062518-DBRI-F-D-B

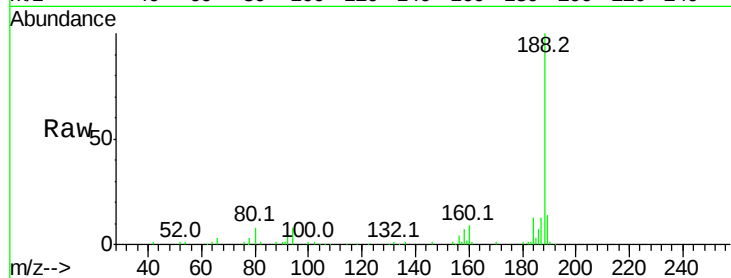
Tot Ion:188 Resp: 105562

Ion Ratio Lower Upper

188 100

94 7.8 8.5 12.7#

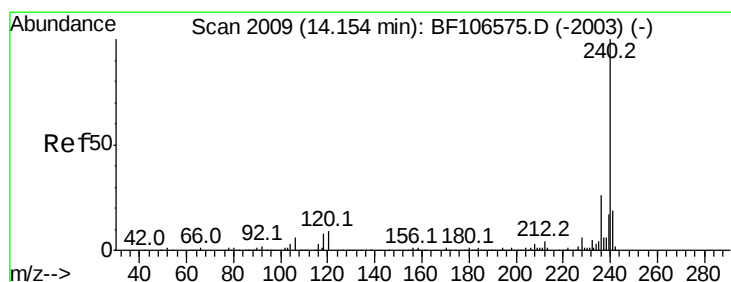
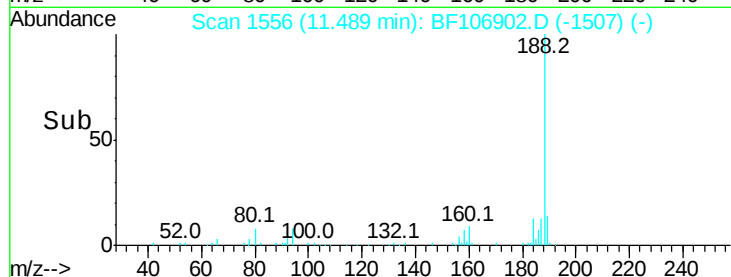
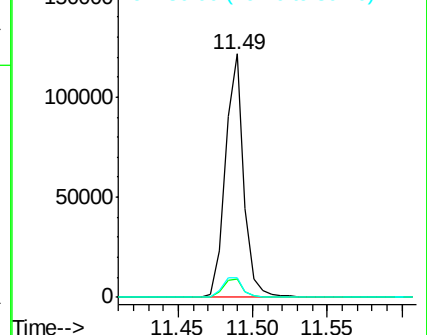
80 8.1 9.2 13.8#



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: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106902.D

Acq: 28 Jun 2018 5:33

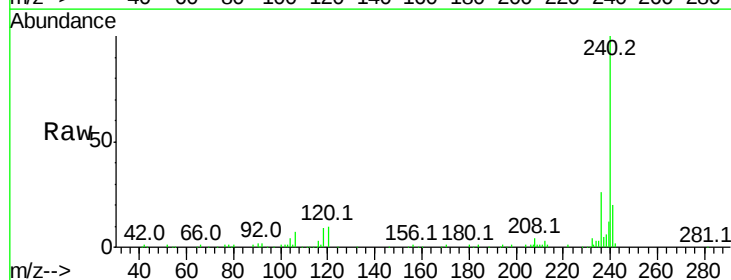
Tgt Ion:240 Resp: 126929

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

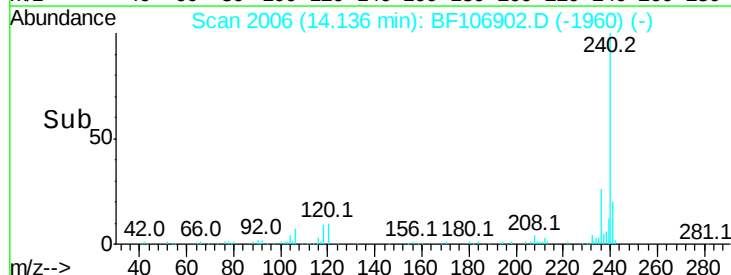
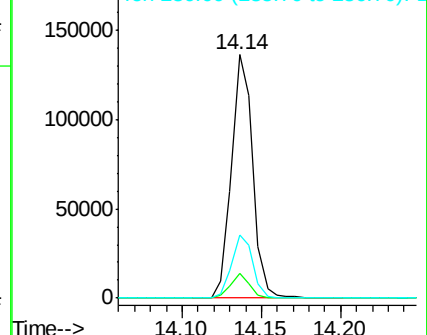
236 25.9 20.7 31.1

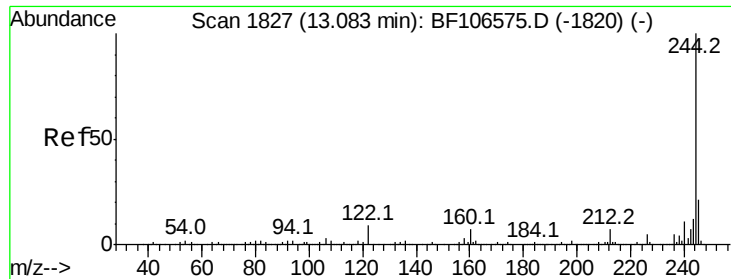


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.798 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106902.D

Acq: 28 Jun 2018 5:33

Instrument :

BNA_F

ClientSampleId :

062518-DBRI-F-D-B

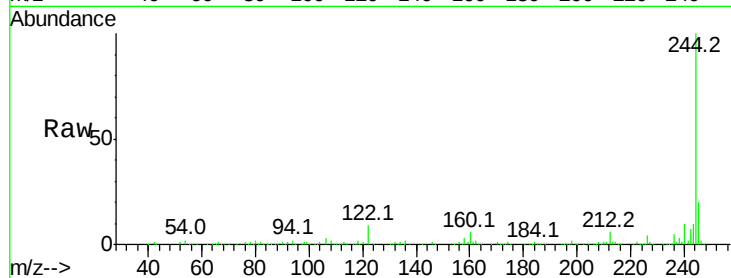
Tot Ion:244 Resp: 454822

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

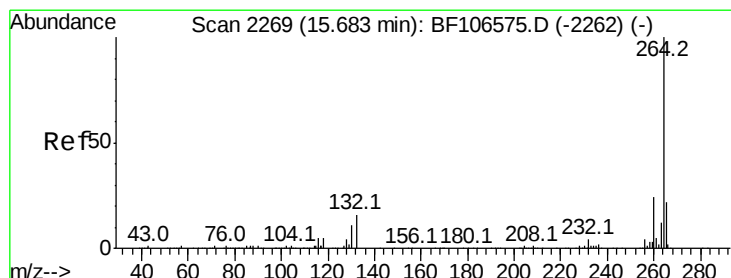
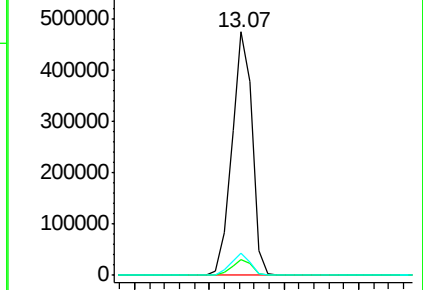
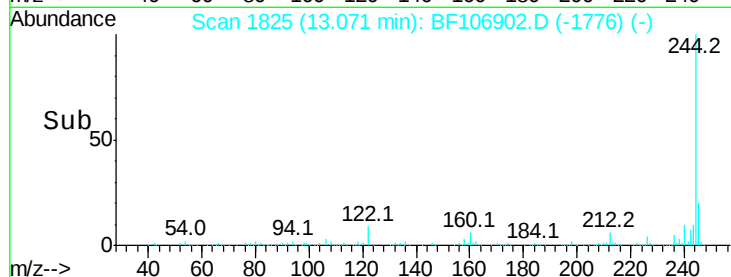
122 8.9 11.0 16.4#



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# 2267

Delta R.T. -0.05 min

Lab File: BF106902.D

Acq: 28 Jun 2018 5:33

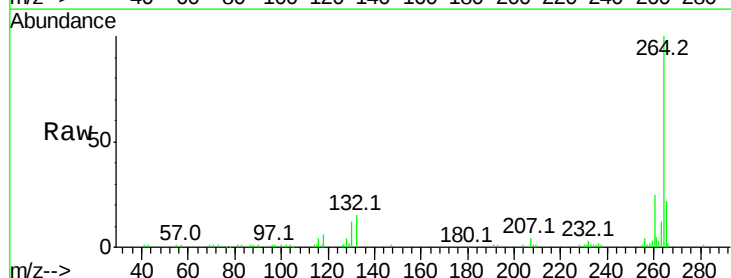
Tgt Ion:264 Resp: 89240

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.3 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

