

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106801.D
 Acq On : 26 Jun 2018 5:07
 Operator : JU/SJ
 Sample : J3648-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-02

Quant Time: Jun 26 07:38:24 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	6.96	152	47035	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	164402	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	71226	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	137869	20.00	ng	0.00
75) Chrysene-d12	14.15	240	125306	20.00	ng	-0.02
86) Perylene-d12	15.69	264	87913	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	224626	80.87	ng	0.00
7) Phenol-d6	6.60	99	272816	78.65	ng	-0.01
23) Nitrobenzene-d5	7.52	82	164466	55.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	73300	88.79	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	317270	73.38	ng	-0.01
78) Terphenyl-d14	13.08	244	371337	71.78	ng	0.00

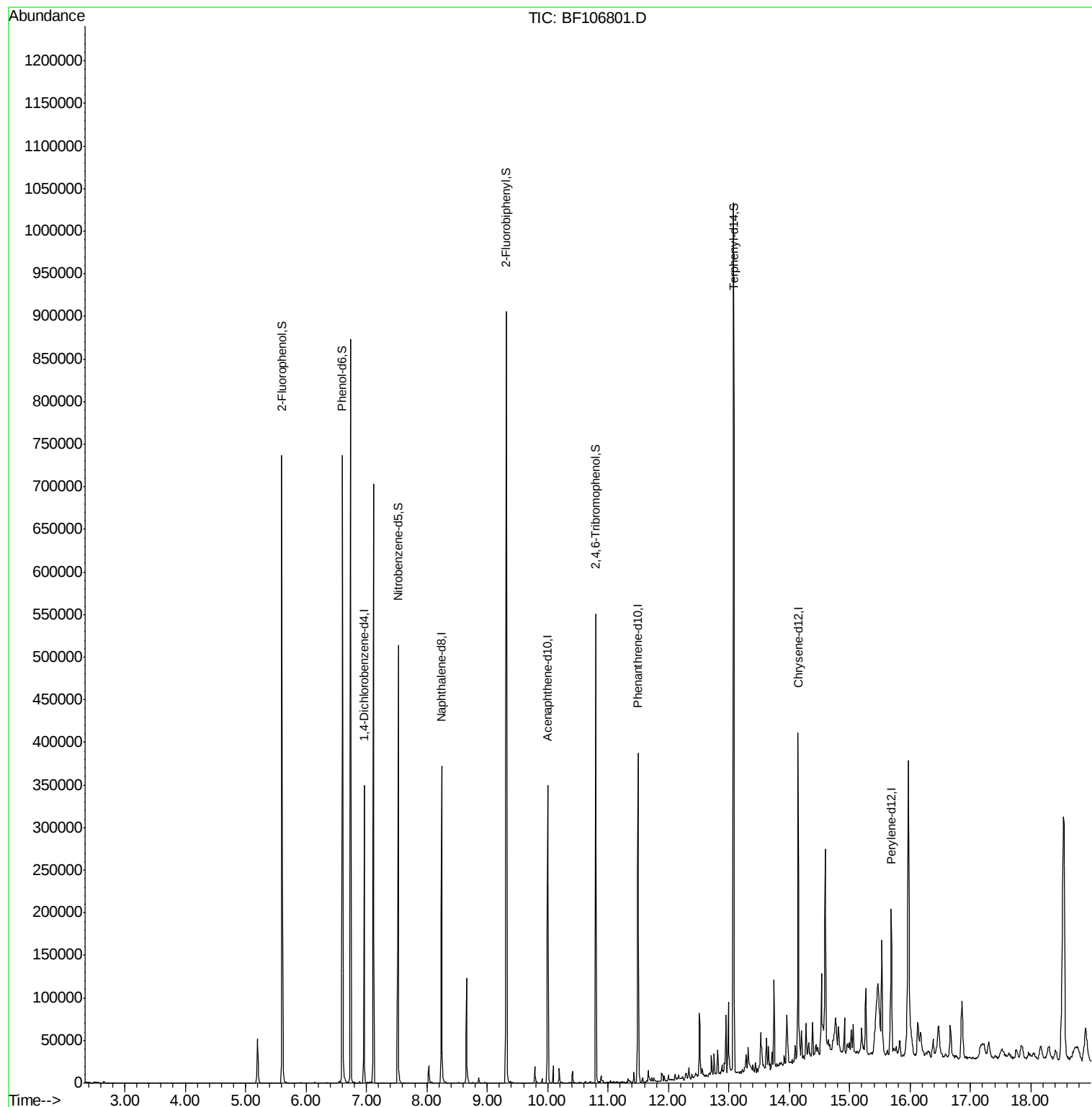
Target Compounds Qvalue

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

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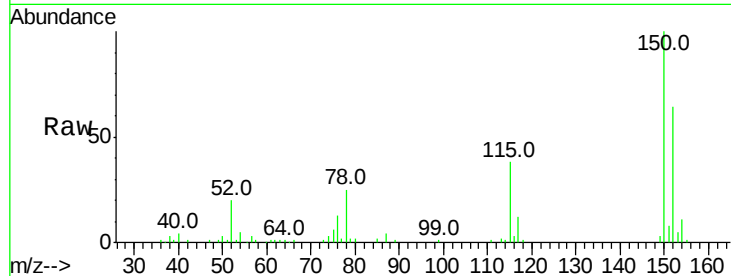


#1

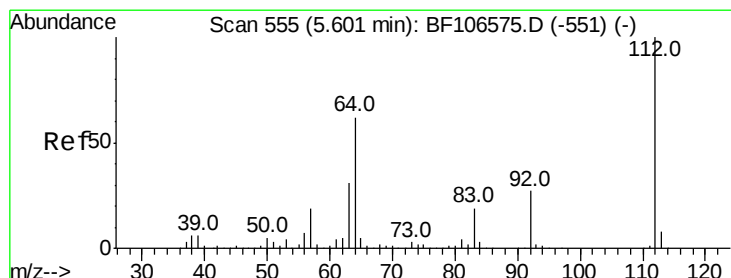
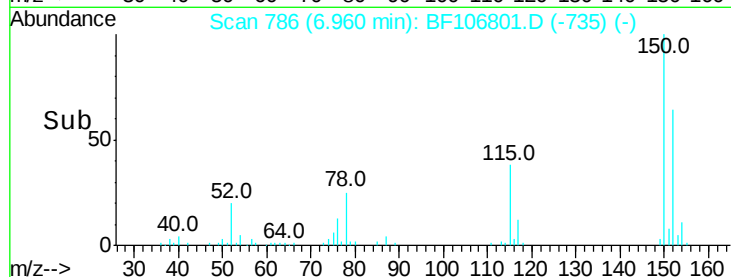
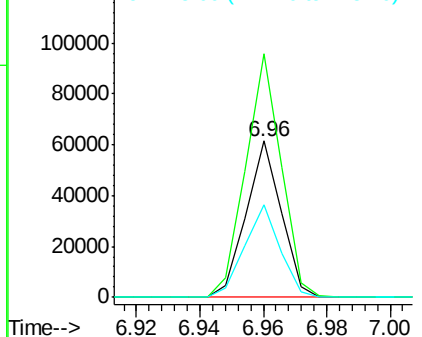
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106801.D
Acq: 26 Jun 2018 5:07

Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-02

Tot Ion:152 Resp: 47035
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 59.7 50.1 75.1



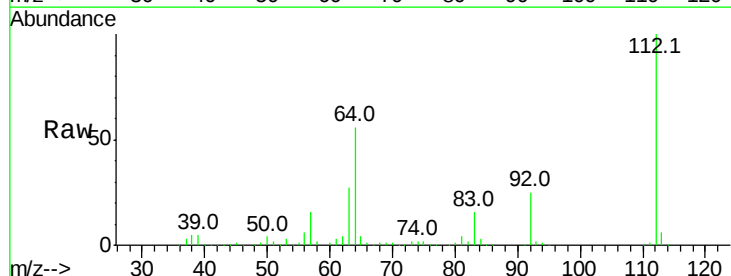
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



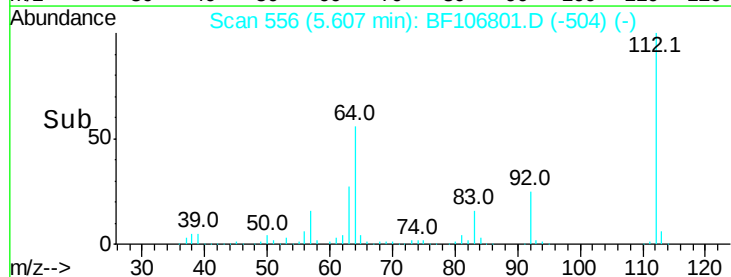
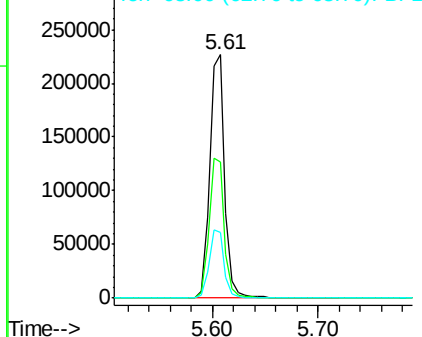
#5

2-Fluorophenol
Concen: 80.868 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106801.D
Acq: 26 Jun 2018 5:07

Tgt Ion:112 Resp: 224626
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 26.9 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: 78.649 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106801.D

Acq: 26 Jun 2018 5:07

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-02

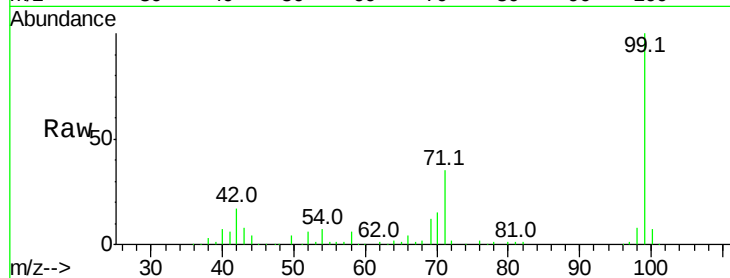
Tot Ion: 99 Resp: 272816

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

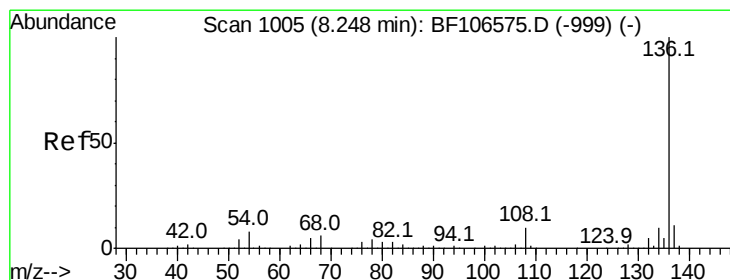
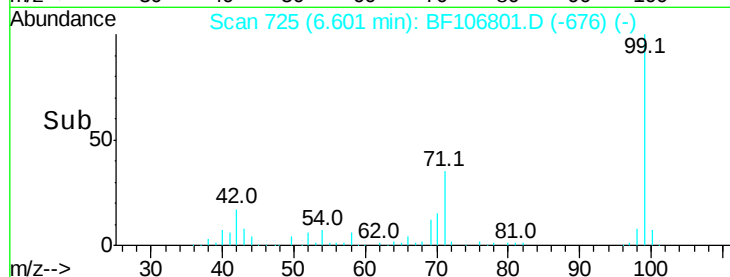
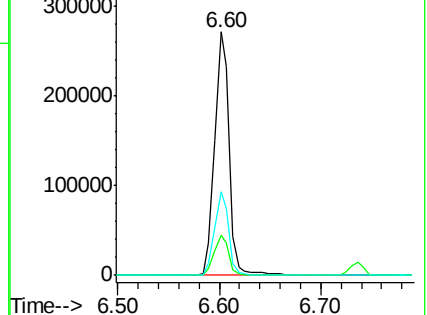
71 34.5 25.4 38.0



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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106801.D

Acq: 26 Jun 2018 5:07

Tgt Ion: 136 Resp: 164402

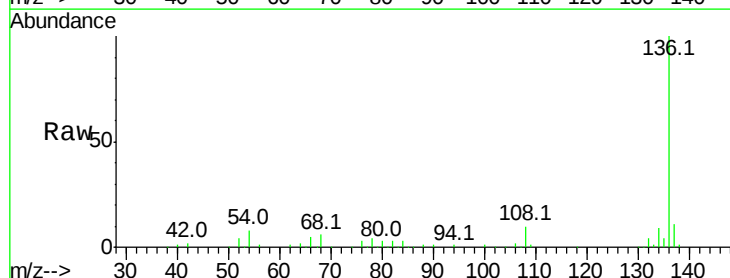
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.8 6.6 9.8

68 5.7 5.0 7.4

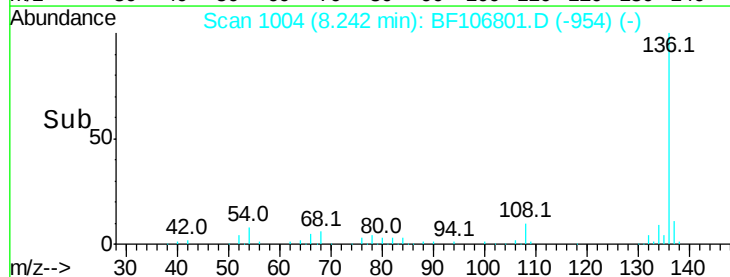
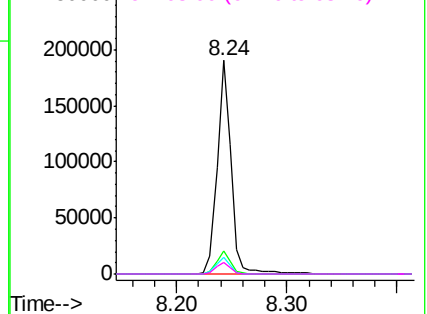


Abundance Ion 136.00 (135.70 to 136.70): E

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

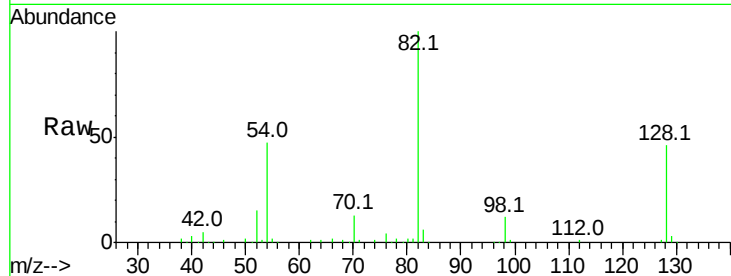




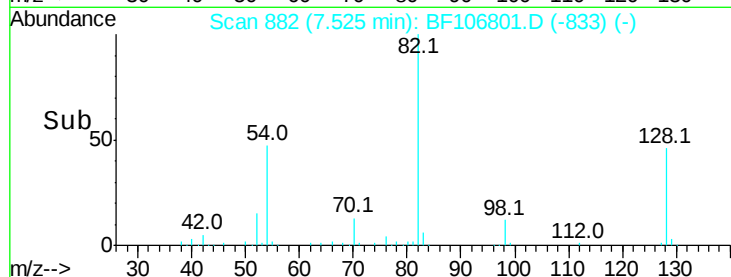
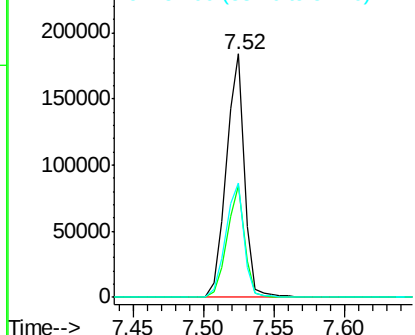
#23
Nitrobenzene-d5
Concen: 55.595 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106801.D
Acq: 26 Jun 2018 5:07

Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-02

Tot Ion: 82 Resp: 164466
Ion Ratio Lower Upper
82 100
128 46.0 36.1 54.1
54 47.1 41.4 62.2

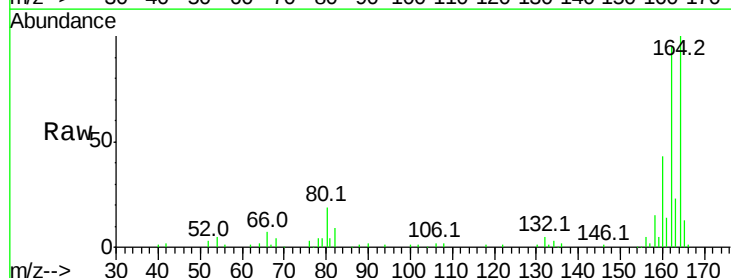


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

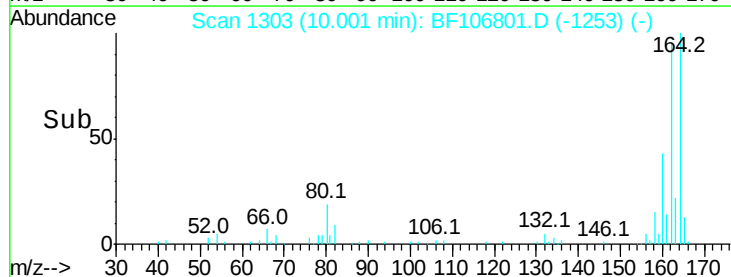
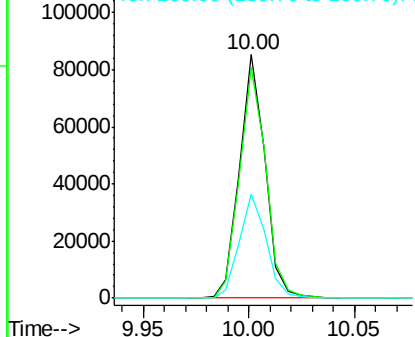


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106801.D
Acq: 26 Jun 2018 5:07

Tgt Ion: 164 Resp: 71226
Ion Ratio Lower Upper
164 100
162 94.9 86.1 129.1
160 42.7 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

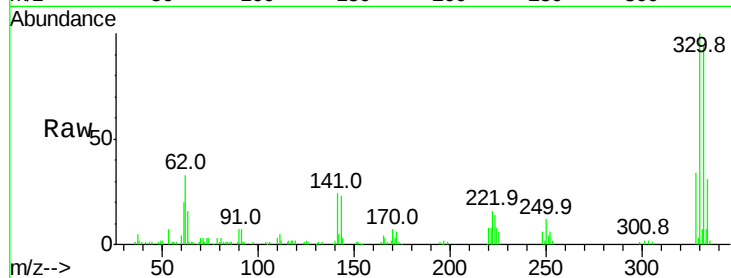




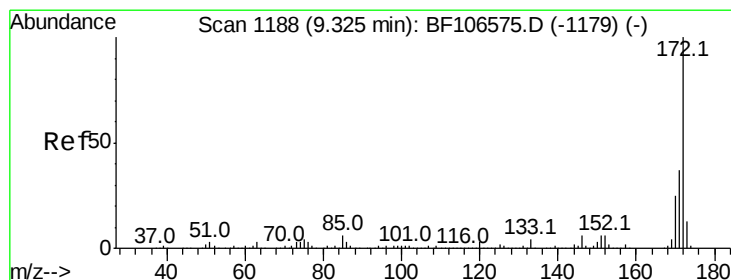
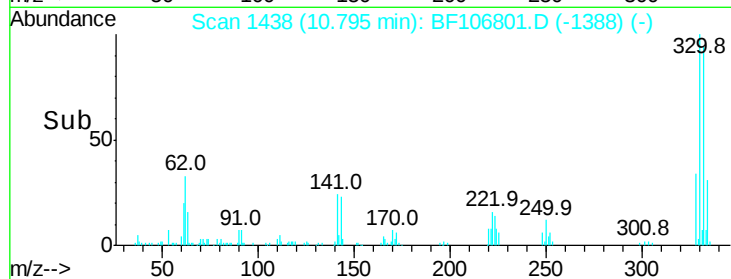
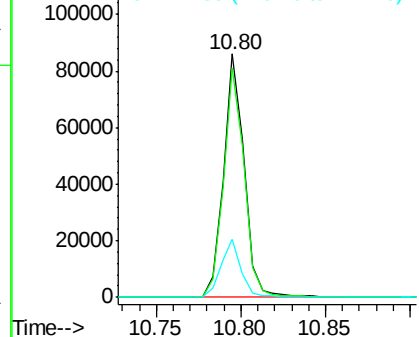
#41
 2,4,6-Tribromophenol
 Concen: 88.792 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106801.D
 Acq: 26 Jun 2018 5:07

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-02

Tot Ion	330	Ratio	100	Resp	73300
Ion	330	100			
Ratio	332	94.6			
Lower	332	77.0			
Upper	332	115.6			
Ion	141	23.3			
Ratio	141	29.9			
Lower	141	44.9			
Upper	141				

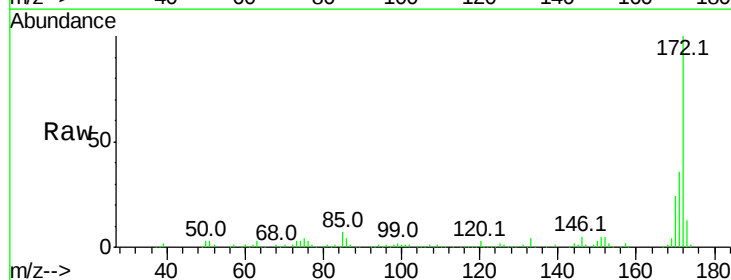


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

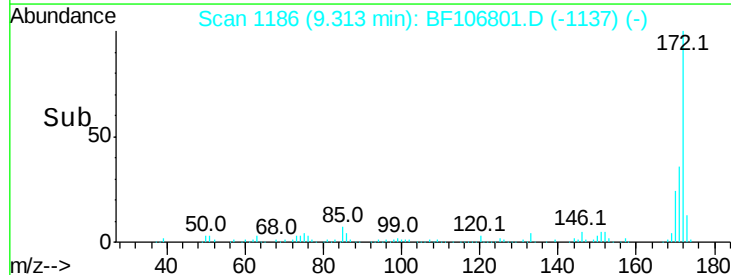
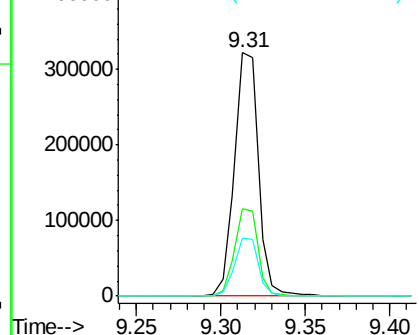


#44
 2-Fluorobiphenyl
 Concen: 73.380 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106801.D
 Acq: 26 Jun 2018 5:07

Tgt Ion	172	Ratio	100	Resp	317270
Ion	172	100			
Ratio	171	36.1			
Lower	171	29.7			
Upper	171	44.5			
Ion	170	23.7			
Ratio	170	19.6			
Lower	170	29.4			
Upper	170				



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# 1557

Delta R.T. -0.01 min

Lab File: BF106801.D

Acq: 26 Jun 2018 5:07

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-02

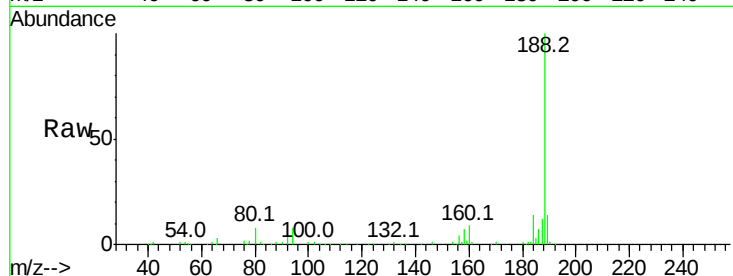
Tot Ion:188 Resp: 137869

Ion Ratio Lower Upper

188 100

94 8.0 8.5 12.7#

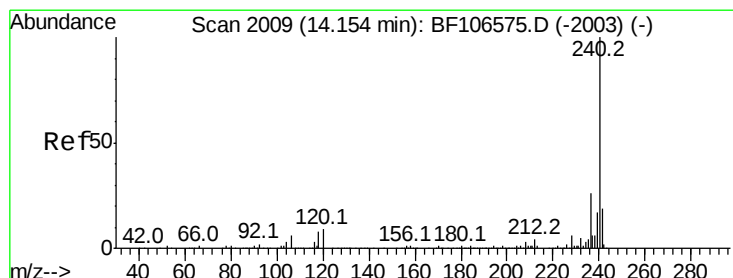
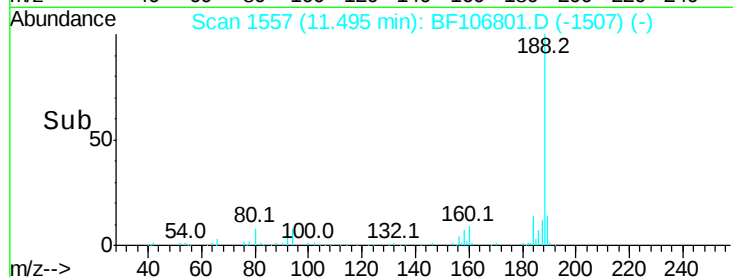
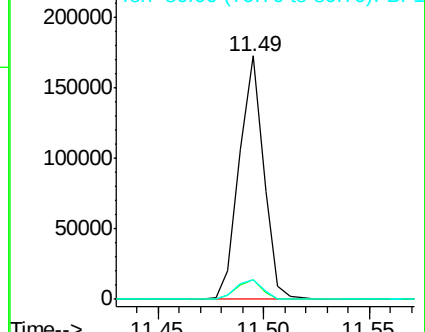
80 8.2 9.2 13.8#



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: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF106801.D

Acq: 26 Jun 2018 5:07

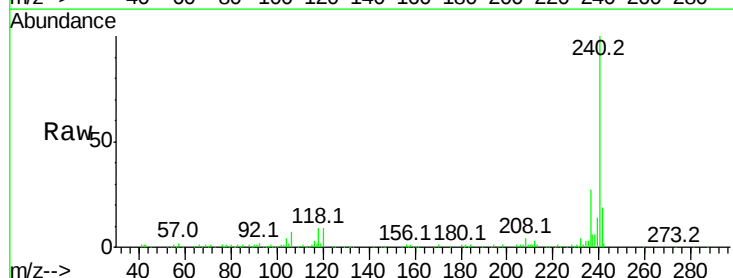
Tgt Ion:240 Resp: 125306

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

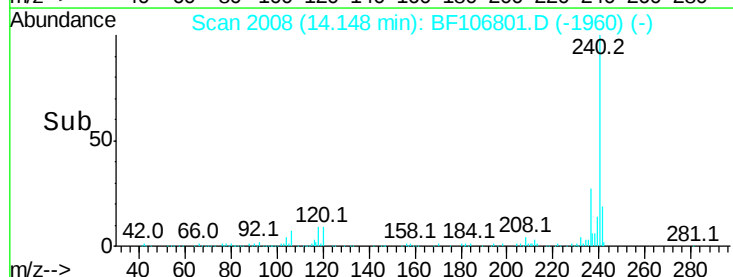
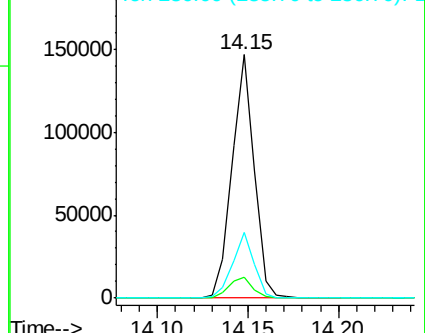
236 26.8 20.7 31.1

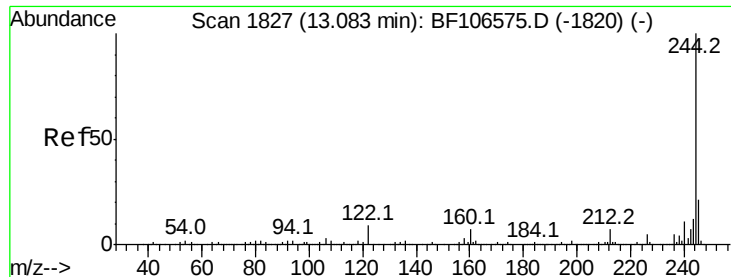


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

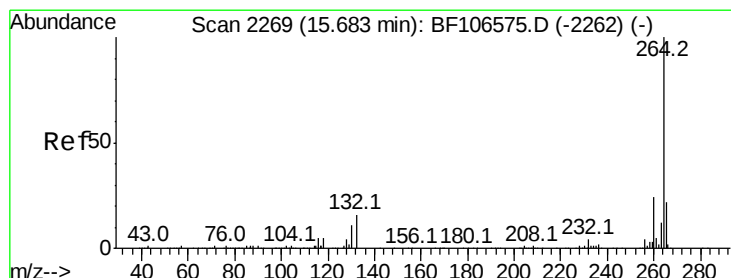
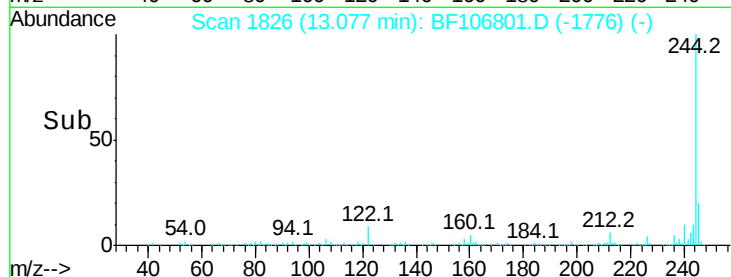
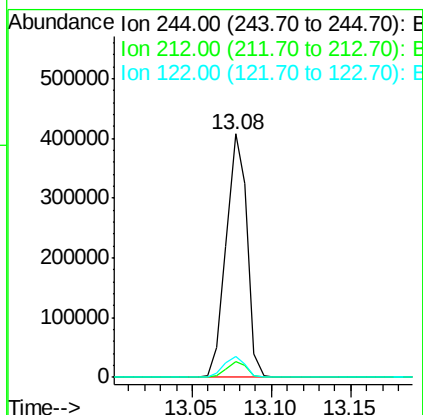
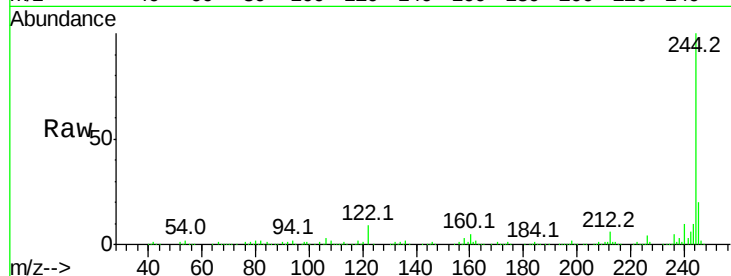




#78
 Terphenyl-d14
 Concen: 71.783 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106801.D
 Acq: 26 Jun 2018 5:07

Instrument :
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 DPC-81753-FB-02

Tot Ion:244 Resp: 371337
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 8.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF106801.D
 Acq: 26 Jun 2018 5:07

Tgt Ion:264 Resp: 87913
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.6 17.5 26.3

