

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106905.D
 Acq On : 28 Jun 2018 6:52
 Operator : JU/SJ
 Sample : J3719-04
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

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

Quant Time: Jun 28 08:45:19 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

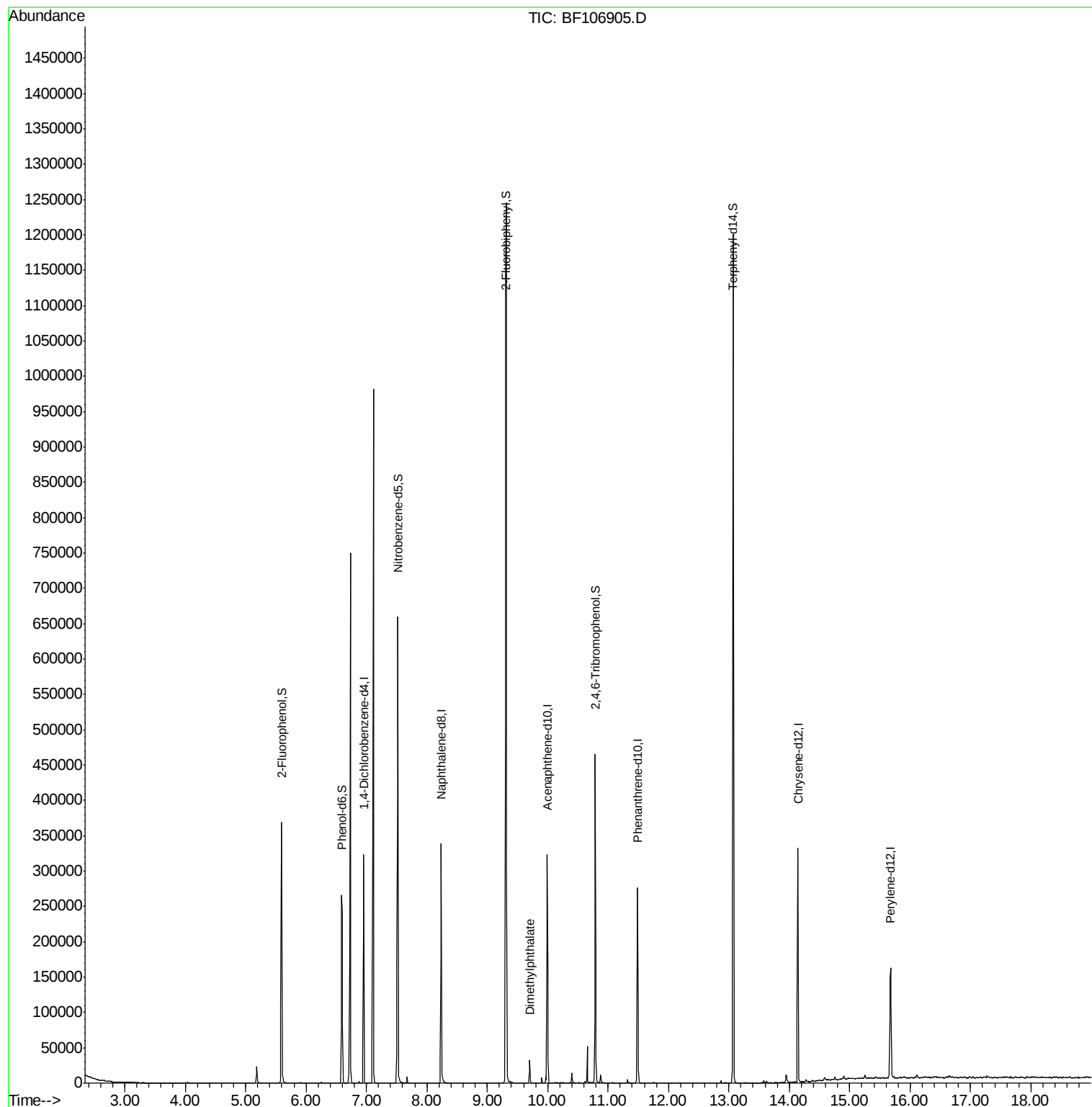
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	45169	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	155630	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	64947	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	111906	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	128452	20.00	ng	-0.02
86) Perylene-d12	15.68	264	89504	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	111439	41.78	ng	0.00
7) Phenol-d6	6.59	99	93917	28.19	ng	-0.02
23) Nitrobenzene-d5	7.52	82	247846	88.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	65406	86.89	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	434335	119.12	ng	-0.01
78) Terphenyl-d14	13.07	244	461814	87.09	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	15917	3.268	ng	Qvalue # 97

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

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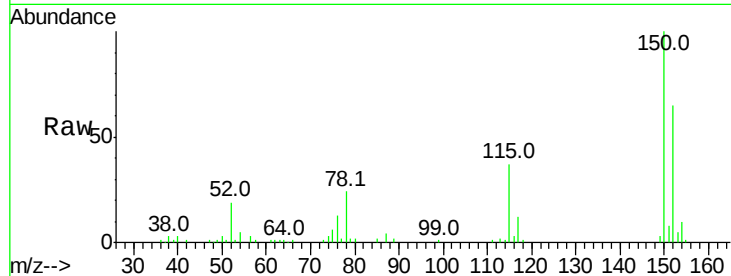


#1

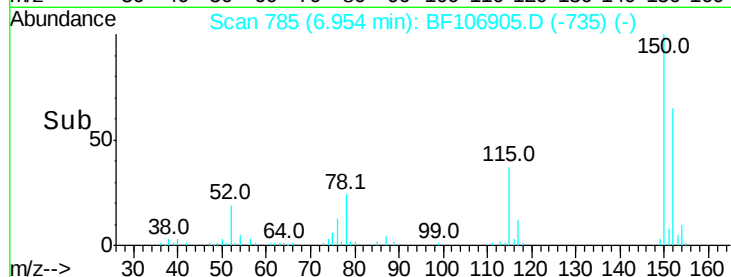
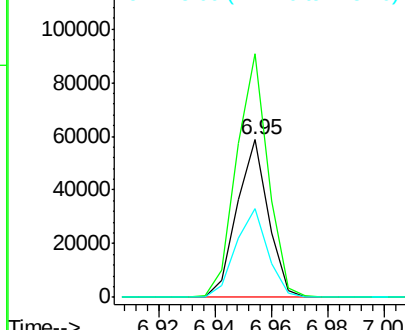
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106905.D
 Acq: 28 Jun 2018 6:52

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

Tot Ion:152 Resp: 45169
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 56.6 50.1 75.1



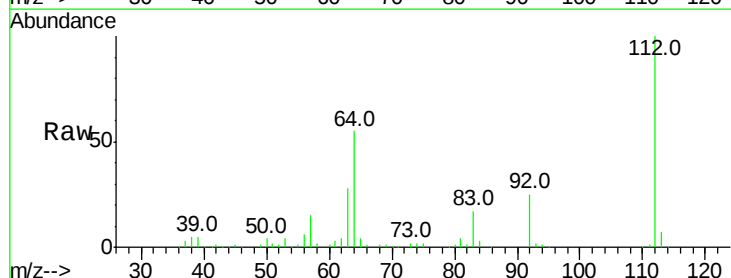
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



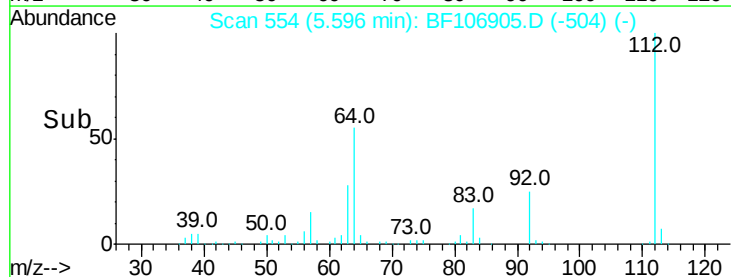
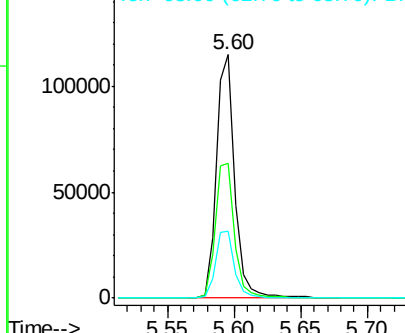
#5

2-Fluorophenol
 Concen: 41.777 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF106905.D
 Acq: 28 Jun 2018 6:52

Tgt Ion:112 Resp: 111439
 Ion Ratio Lower Upper
 112 100
 64 55.4 47.9 71.9
 63 27.5 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: 28.193 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106905.D

Acq: 28 Jun 2018 6:52

Instrument :

BNA_F

ClientSampleId :

062518-DBRI-F-U-B

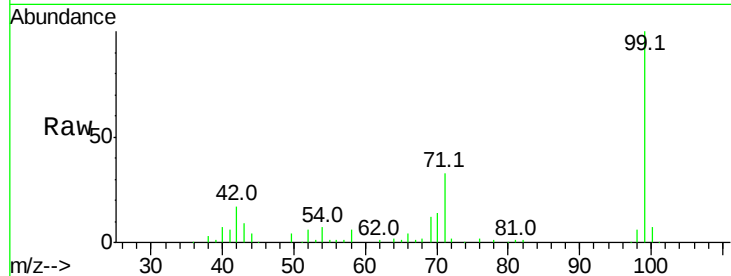
Tot Ion: 99 Resp: 93917

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

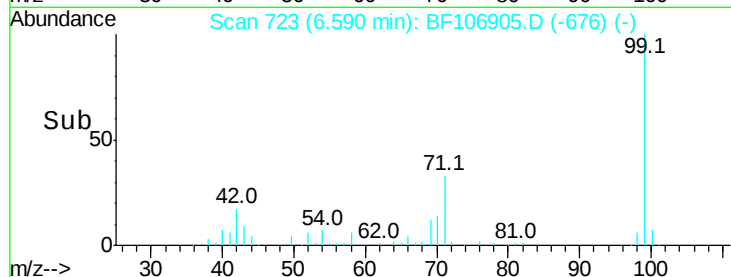
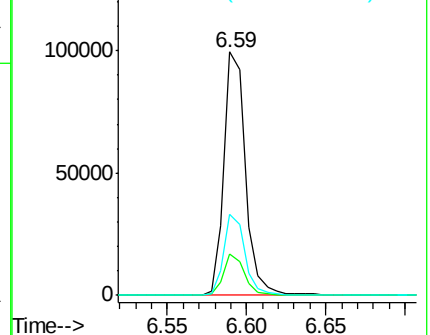
71 33.4 25.4 38.0



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: BF106905.D

Acq: 28 Jun 2018 6:52

Tgt Ion: 136 Resp: 155630

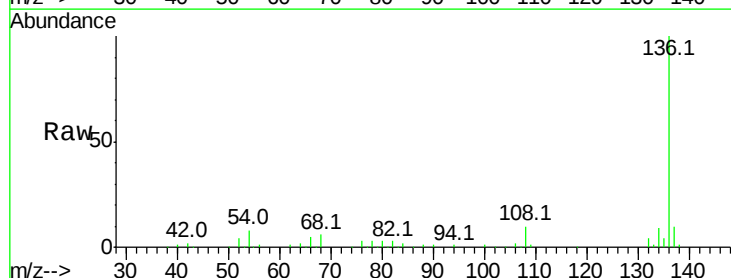
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.7 6.6 9.8

68 5.8 5.0 7.4

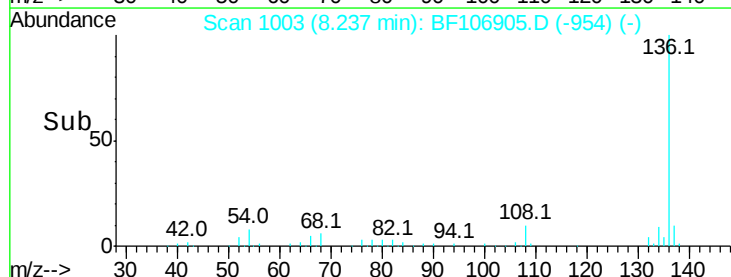
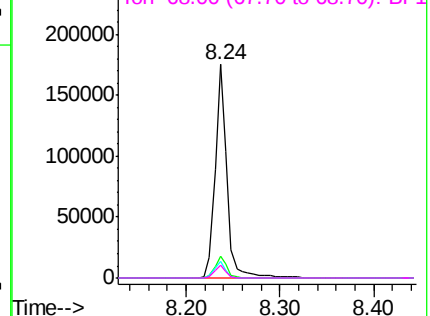


Abundance Ion 136.00 (135.70 to 136.70): E

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

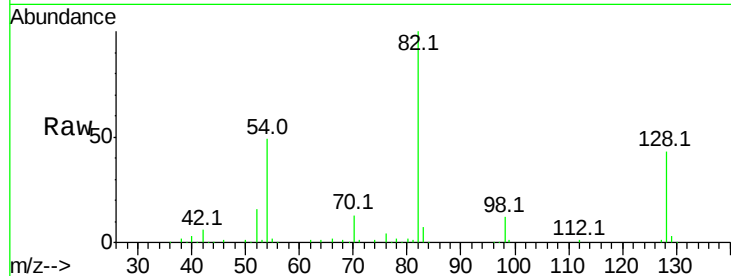




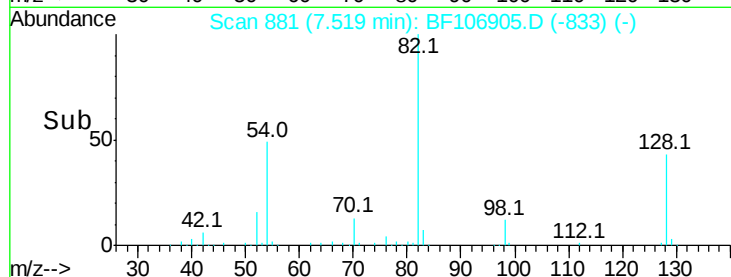
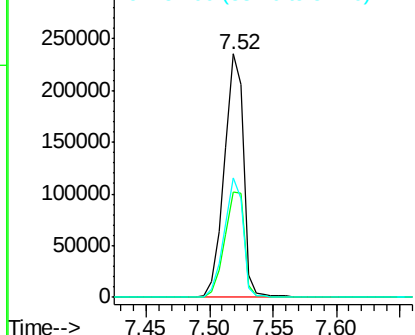
#23
 Nitrobenzene-d5
 Concen: 88.503 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106905.D
 Acq: 28 Jun 2018 6:52

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

Tot Ion: 82 Resp: 247846
 Ion Ratio Lower Upper
 82 100
 128 43.5 36.1 54.1
 54 49.2 41.4 62.2

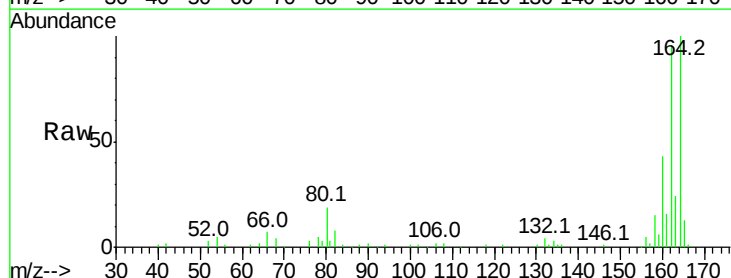


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

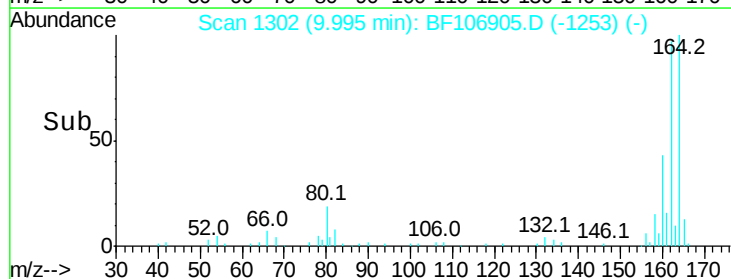
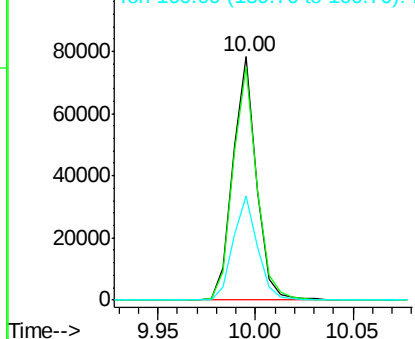


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106905.D
 Acq: 28 Jun 2018 6:52

Tgt Ion: 164 Resp: 64947
 Ion Ratio Lower Upper
 164 100
 162 95.7 86.1 129.1
 160 42.5 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: 86.889 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF106905.D

Acq: 28 Jun 2018 6:52

Instrument :

BNA_F

ClientSampleId :

062518-DBRI-F-U-B

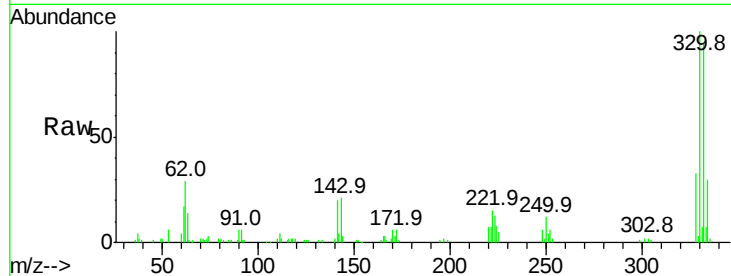
Tot Ion:330 Resp: 65406

Ion Ratio Lower Upper

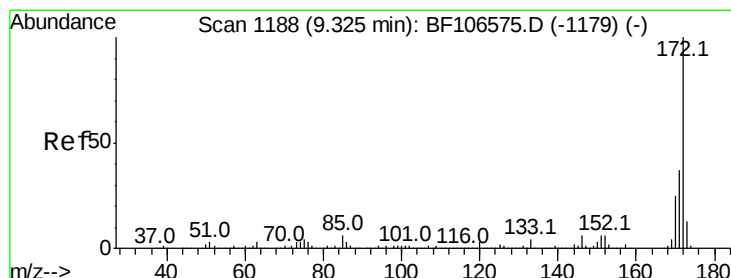
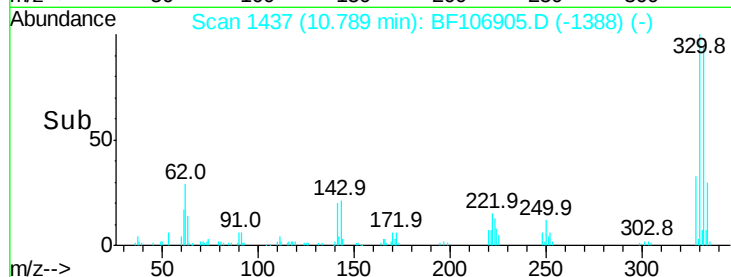
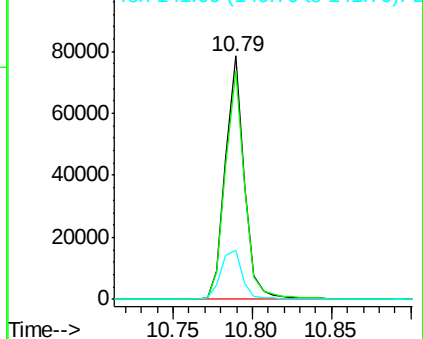
330 100

332 95.9 77.0 115.6

141 22.8 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: 119.115 ng

RT: 9.31 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF106905.D

Acq: 28 Jun 2018 6:52

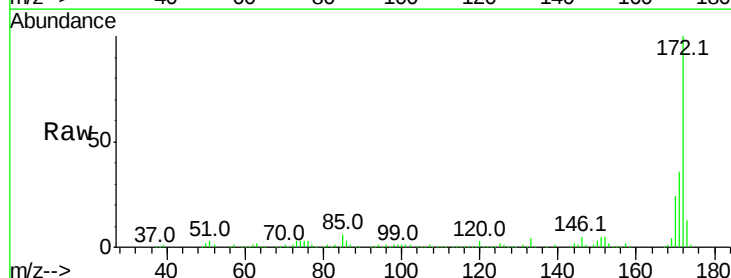
Tgt Ion:172 Resp: 434335

Ion Ratio Lower Upper

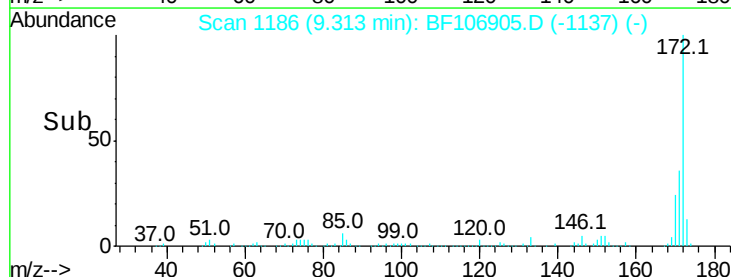
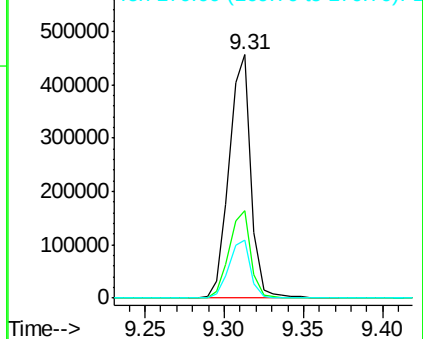
172 100

171 36.1 29.7 44.5

170 24.0 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





#49

Dimethylphthalate

Concen: 3.268 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106905.D

Acq: 28 Jun 2018 6:52

Instrument :

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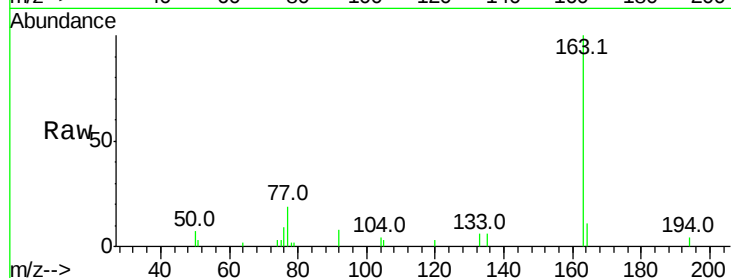
Tot Ion:163 Resp: 15917

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

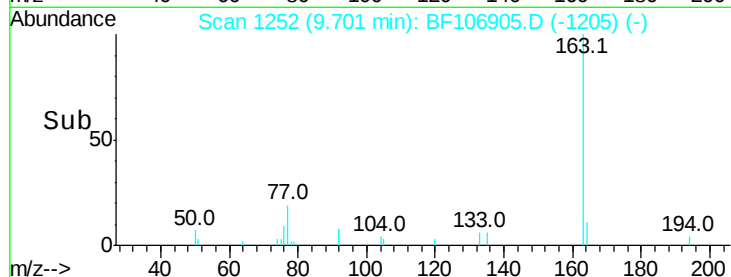
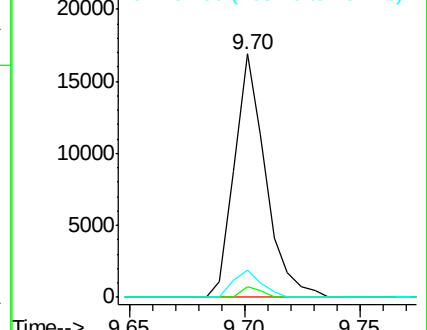
164 11.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106905.D

Acq: 28 Jun 2018 6:52

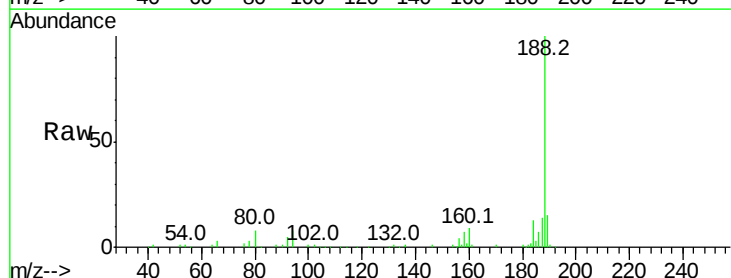
Tgt Ion:188 Resp: 111906

Ion Ratio Lower Upper

188 100

94 7.9 8.5 12.7#

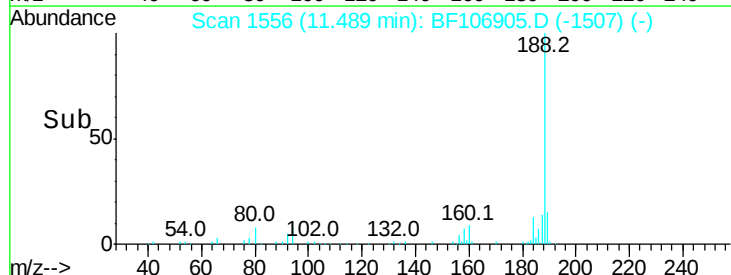
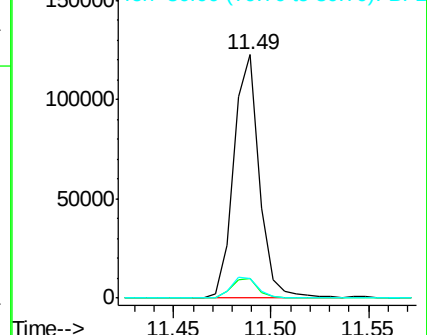
80 8.3 9.2 13.8#



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# 2007

Delta R.T. -0.02 min

Lab File: BF106905.D

Acq: 28 Jun 2018 6:52

Instrument :

BNA_F

ClientSampleId :

062518-DBRI-F-U-B

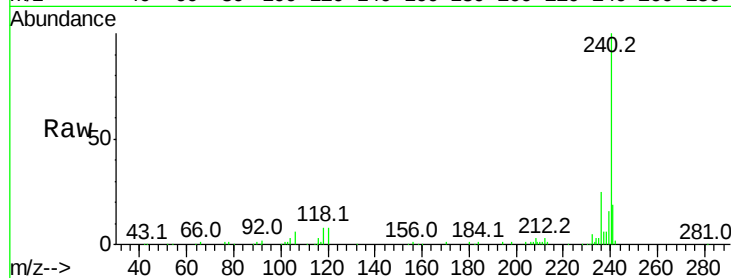
Tot Ion:240 Resp: 128452

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

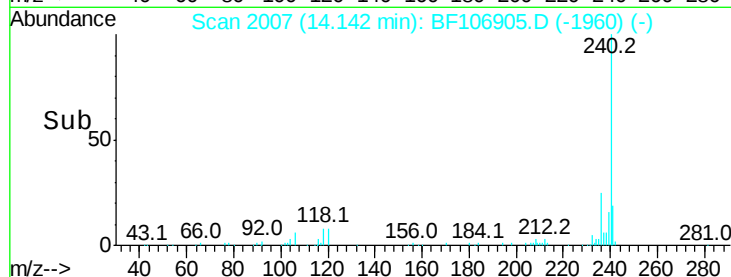
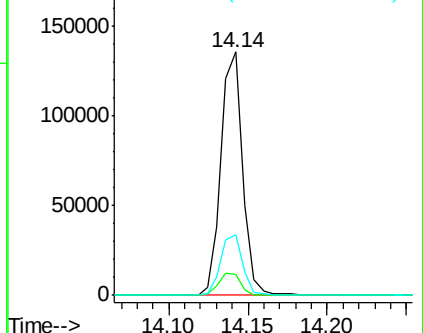
236 24.9 20.7 31.1



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: 87.087 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106905.D

Acq: 28 Jun 2018 6:52

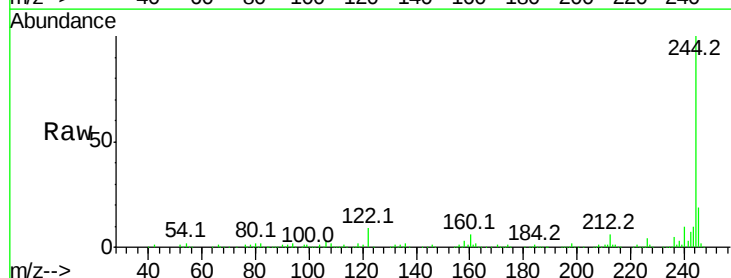
Tgt Ion:244 Resp: 461814

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

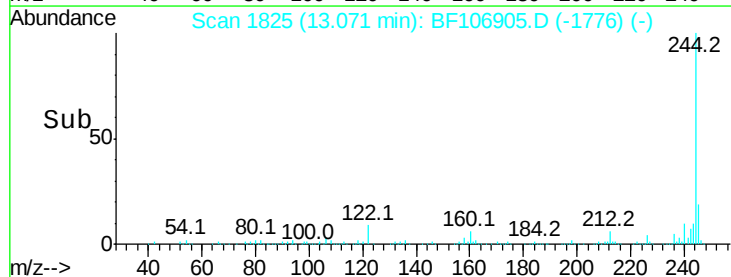
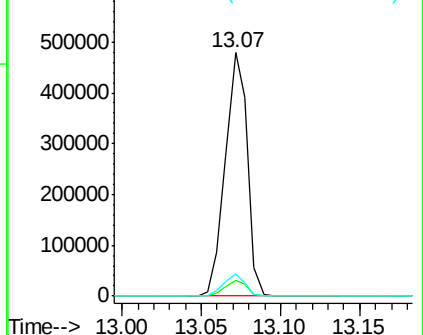
122 8.9 11.0 16.4#



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

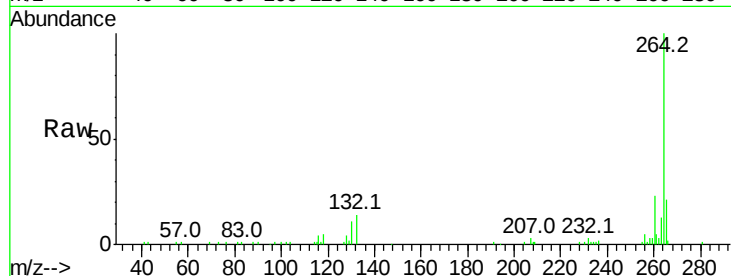




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106905.D
 Acq: 28 Jun 2018 6:52

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	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

