

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107156.D
 Acq On : 6 Jul 2018 6:52
 Operator : JU/SJ
 Sample : J3851-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 070218-DBRI-F-U-B

Quant Time: Jul 06 08:29:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

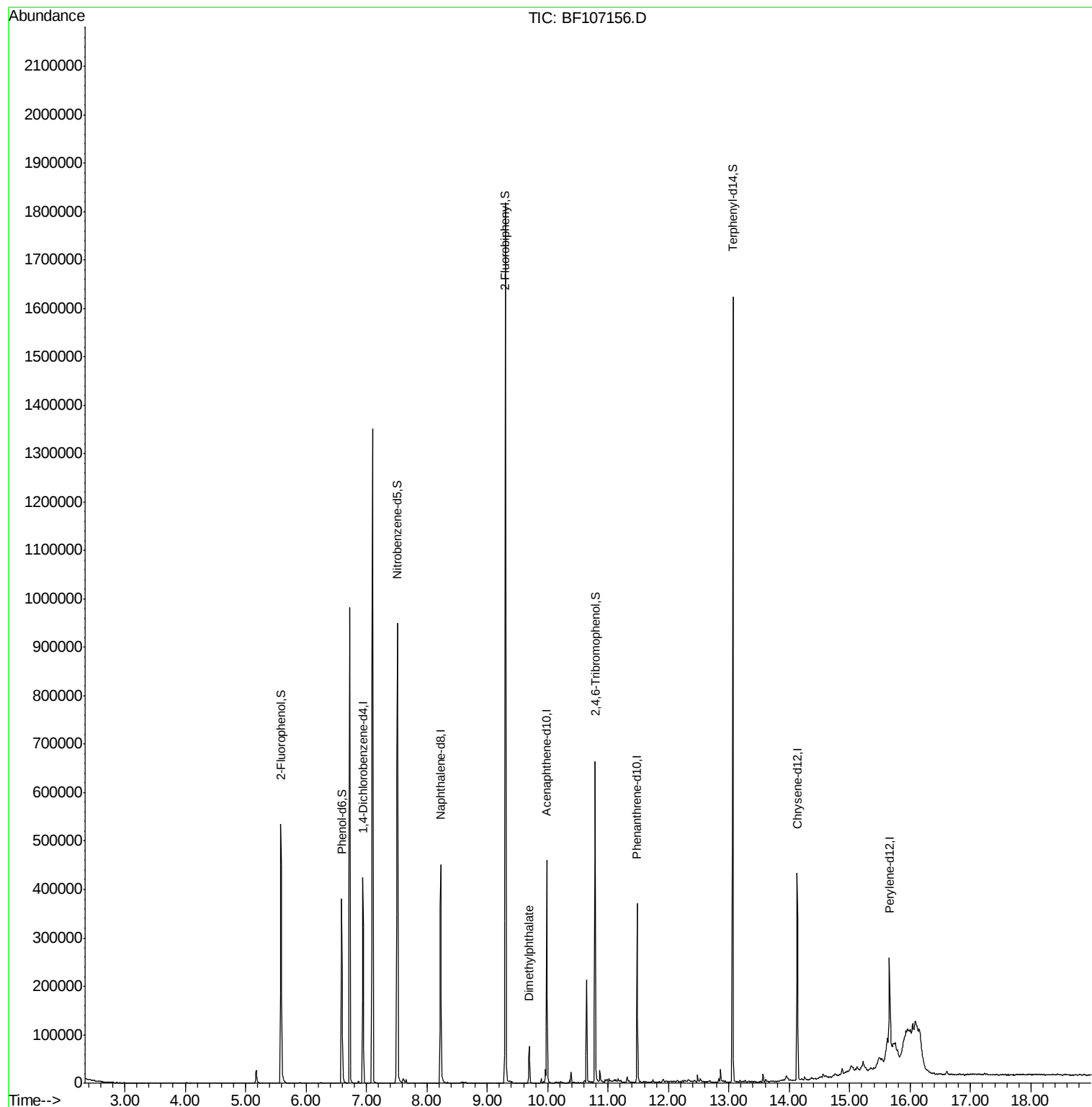
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	62150	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	224818	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	99710	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	155033	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	161060	20.00	ng	-0.04
86) Perylene-d12	15.66	264	110598	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	163717	44.61	ng	-0.02
7) Phenol-d6	6.59	99	142974	31.19	ng	-0.02
23) Nitrobenzene-d5	7.51	82	373954	92.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	97429	84.31	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	646341	114.91	ng	-0.02
78) Terphenyl-d14	13.07	244	599415	90.15	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.70	163	38633	5.166	ng	Qvalue # 98

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

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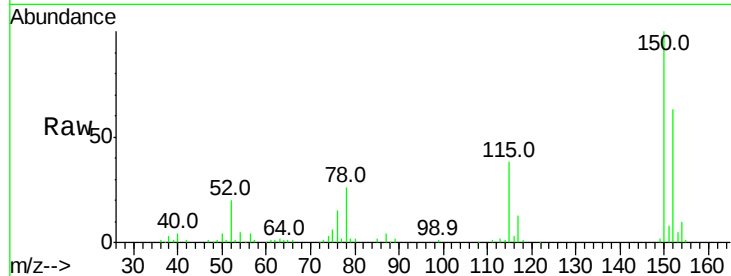


#1

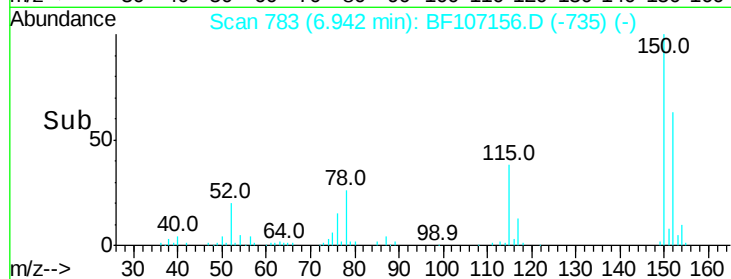
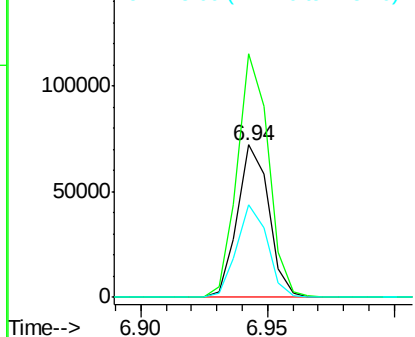
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107156.D
Acq: 6 Jul 2018 6:52

Instrument :
BNA_F
ClientSampleId :
070218-DBRI-F-U-B

Tot Ion:152 Resp: 62150
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 61.0 50.1 75.1



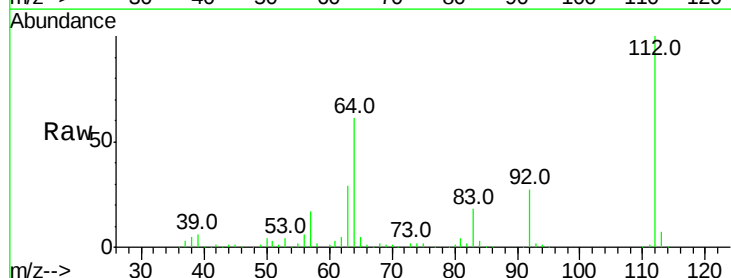
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



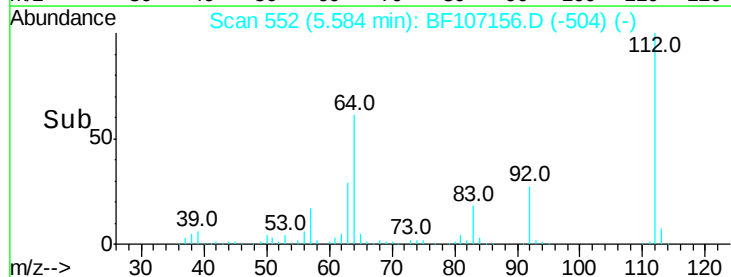
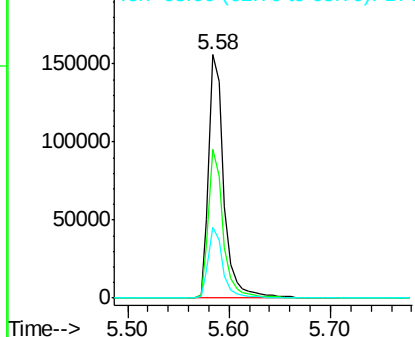
#5

2-Fluorophenol
Concen: 44.606 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107156.D
Acq: 6 Jul 2018 6:52

Tgt Ion:112 Resp: 163717
Ion Ratio Lower Upper
112 100
64 61.3 47.9 71.9
63 29.2 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: 31.193 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107156.D

Acq: 6 Jul 2018 6:52

Instrument :

BNA_F

ClientSampleId :

070218-DBRI-F-U-B

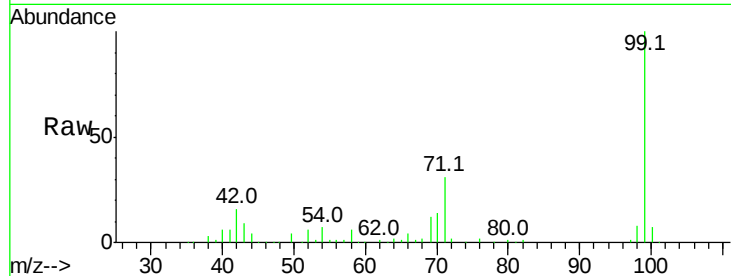
Tot Ion: 99 Resp: 142974

Ion Ratio Lower Upper

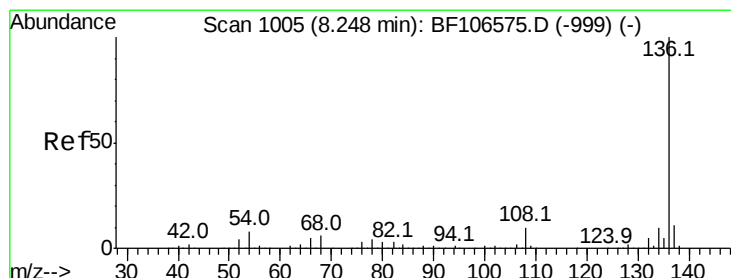
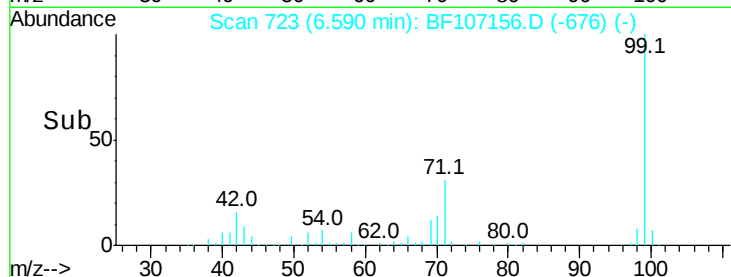
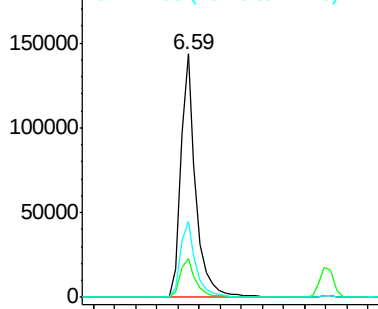
99 100

42 15.8 14.5 21.7

71 31.4 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: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107156.D

Acq: 6 Jul 2018 6:52

Tgt Ion: 136 Resp: 224818

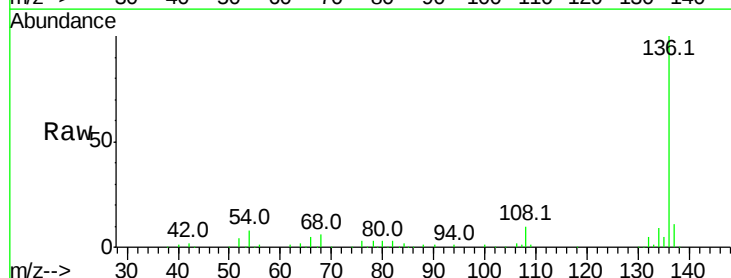
Ion Ratio Lower Upper

136 100

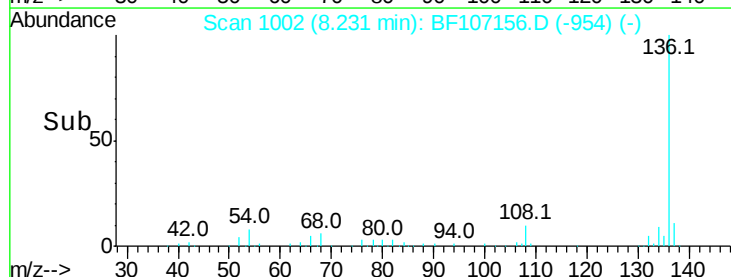
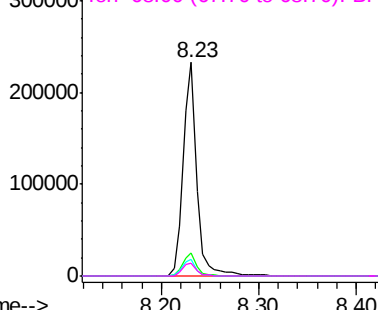
137 10.6 8.9 13.3

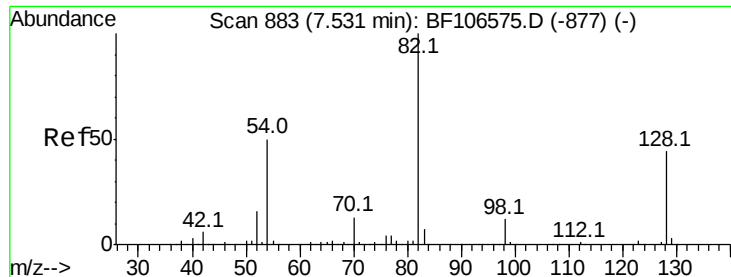
54 7.5 6.6 9.8

68 6.0 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



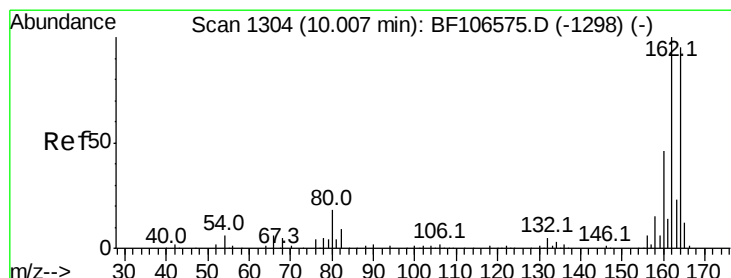
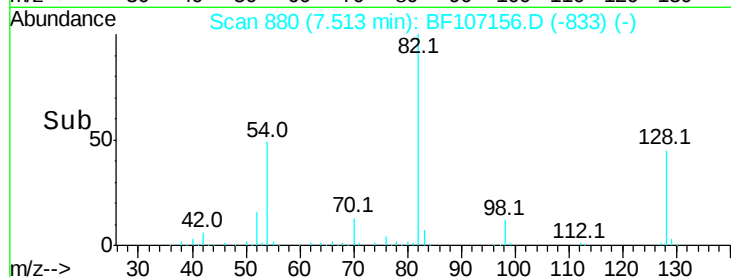
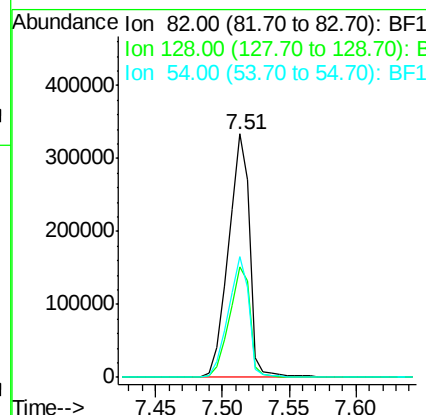
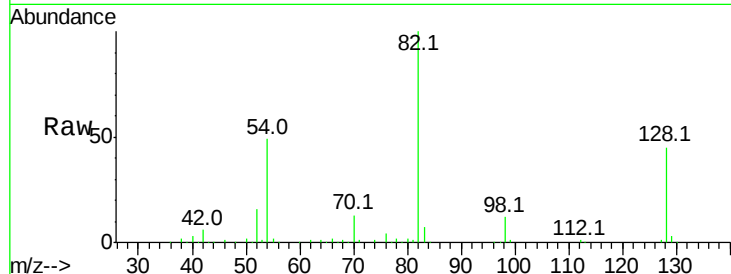


#23
 Nitrobenzene-d5
 Concen: 92.439 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107156.D
 Acq: 6 Jul 2018 6:52

Instrument :
 BNA_F
 ClientSampleId :
 070218-DBRI-F-U-B

Tot Ion: 82 Resp: 373954

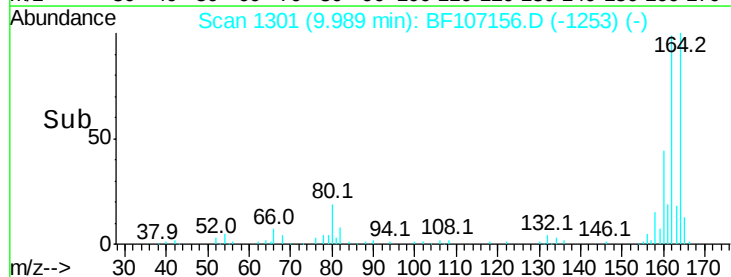
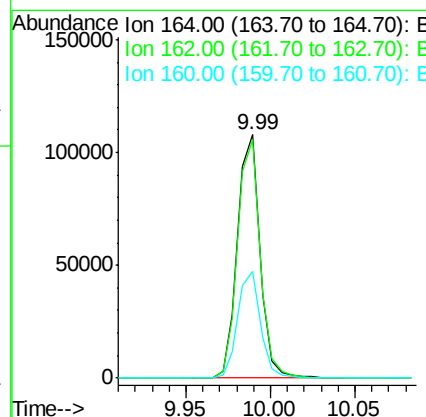
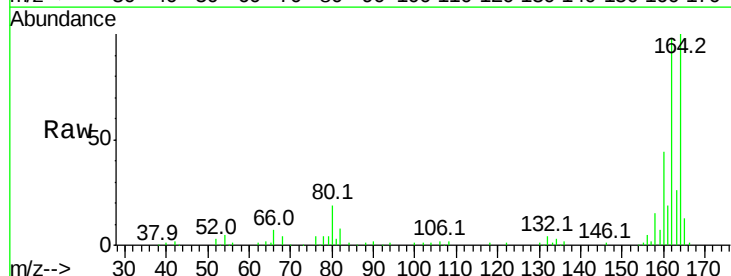
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	49.5	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107156.D
 Acq: 6 Jul 2018 6:52

Tgt Ion: 164 Resp: 99710

Ion	Ratio	Lower	Upper
164	100		
162	97.8	86.1	129.1
160	43.6	38.3	57.5

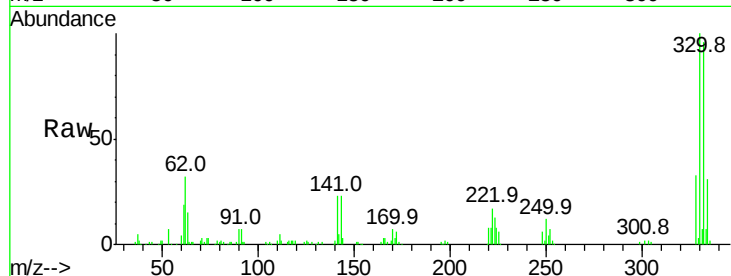




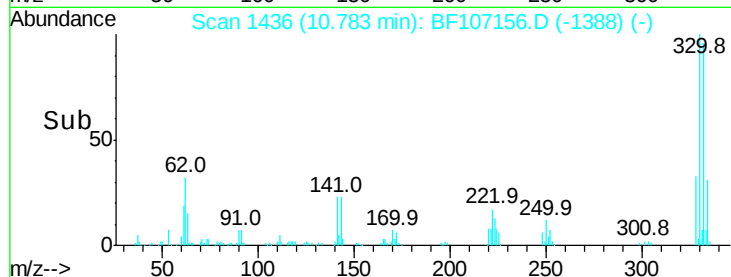
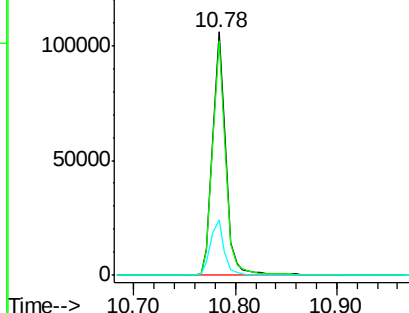
#41
 2,4,6-Tribromophenol
 Concen: 84.306 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107156.D
 Acq: 6 Jul 2018 6:52

Instrument :
 BNA_F
 ClientSampleId :
 070218-DBRI-F-U-B

Tot Ion:330 Resp: 97429
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 23.2 29.9 44.9#

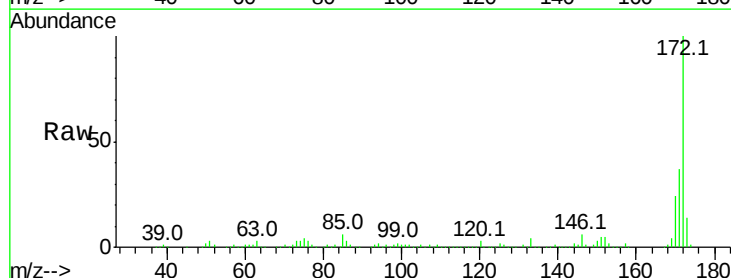


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

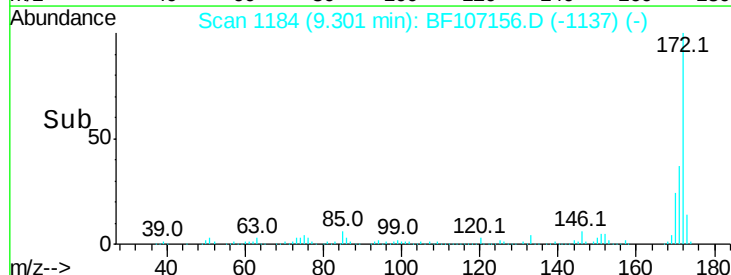
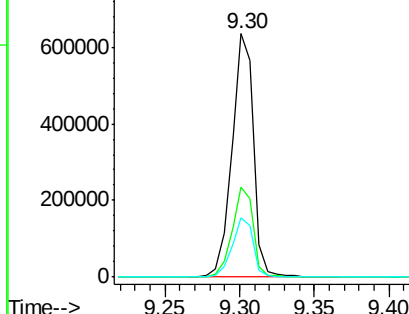


#44
 2-Fluorobiphenyl
 Concen: 114.910 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107156.D
 Acq: 6 Jul 2018 6:52

Tgt Ion:172 Resp: 646341
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.5 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: 5.166 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107156.D

Acq: 6 Jul 2018 6:52

Instrument :

BNA_F

ClientSampleId :

070218-DBRI-F-U-B

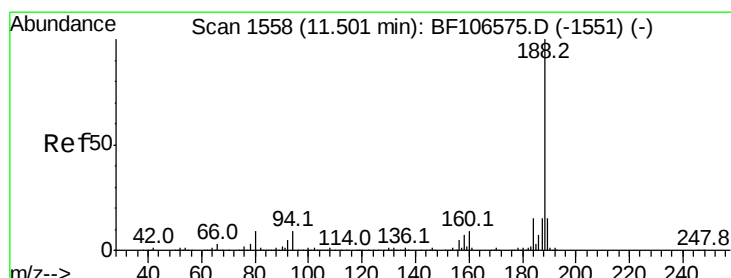
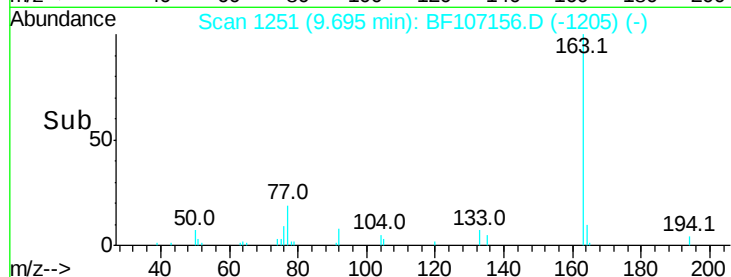
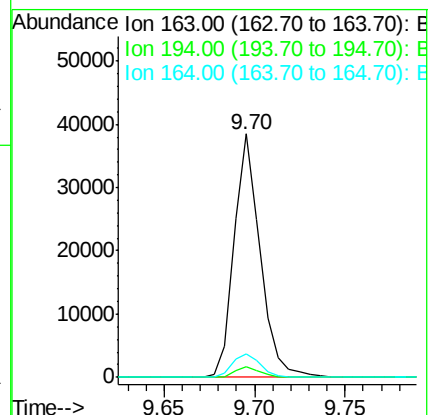
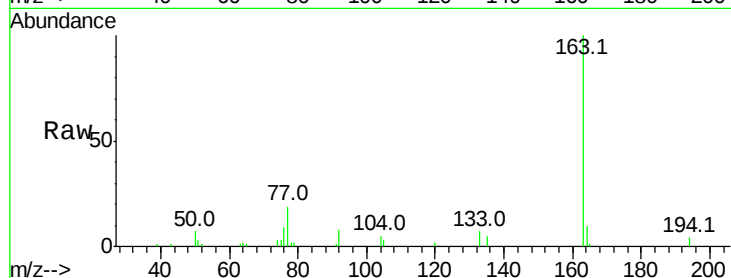
Tot Ion:163 Resp: 38633

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

164 9.6 8.2 12.2



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107156.D

Acq: 6 Jul 2018 6:52

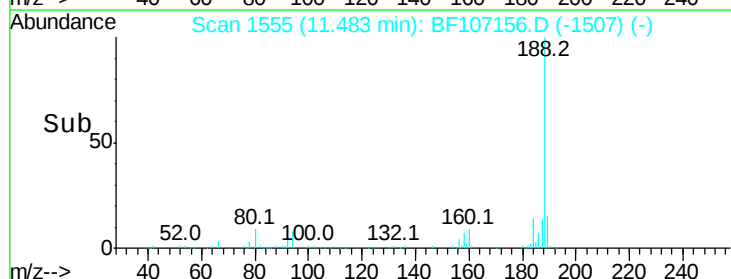
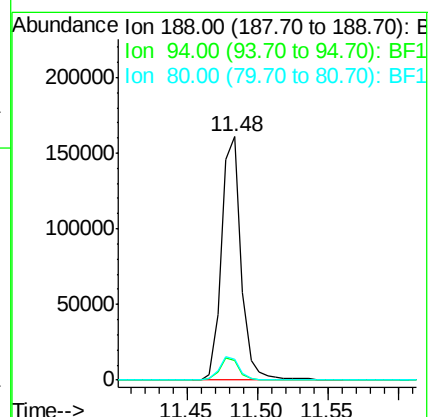
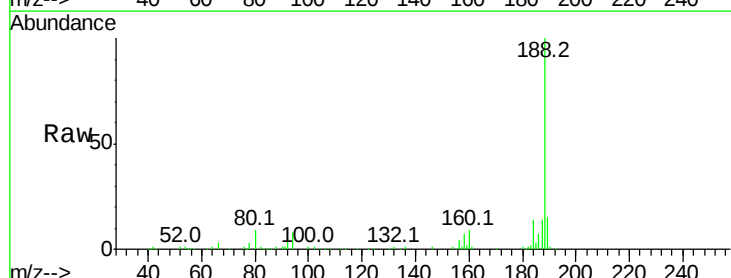
Tgt Ion:188 Resp: 155033

Ion Ratio Lower Upper

188 100

94 8.1 8.5 12.7#

80 8.6 9.2 13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.04 min

Lab File: BF107156.D

Acq: 6 Jul 2018 6:52

Instrument :

BNA_F

ClientSampleId :

070218-DBRI-F-U-B

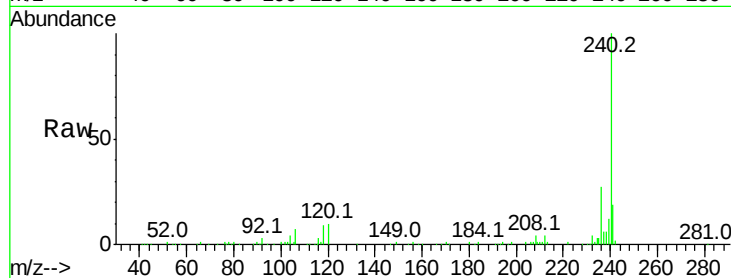
Tot Ion:240 Resp: 161060

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

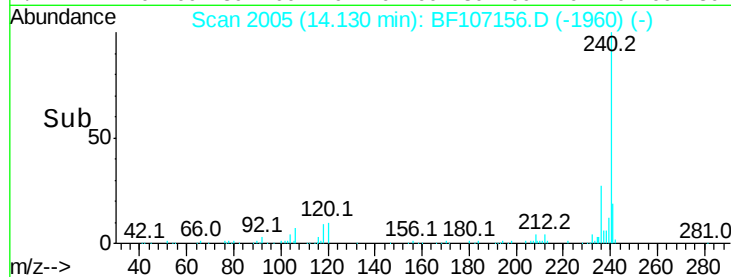
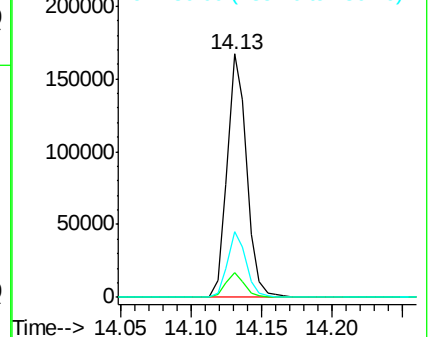
236 26.9 20.7 31.1



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: 90.150 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107156.D

Acq: 6 Jul 2018 6:52

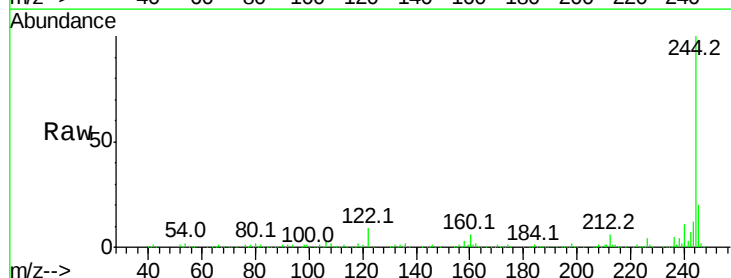
Tgt Ion:244 Resp: 599415

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

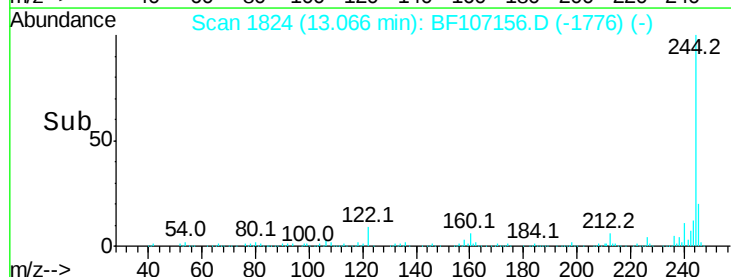
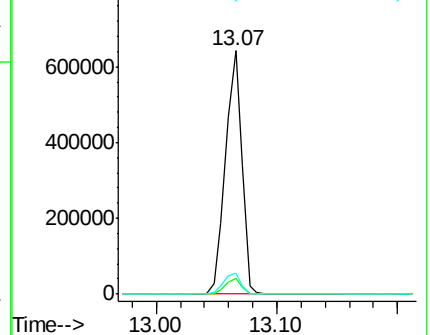
122 8.8 11.0 16.4#

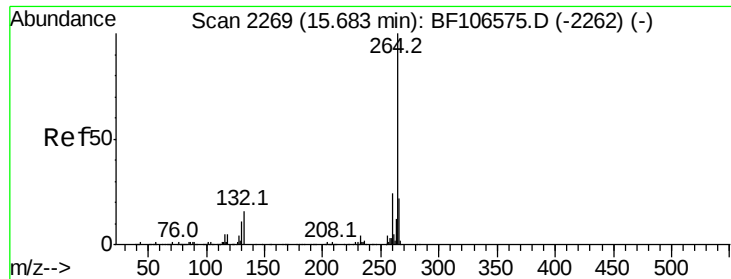


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

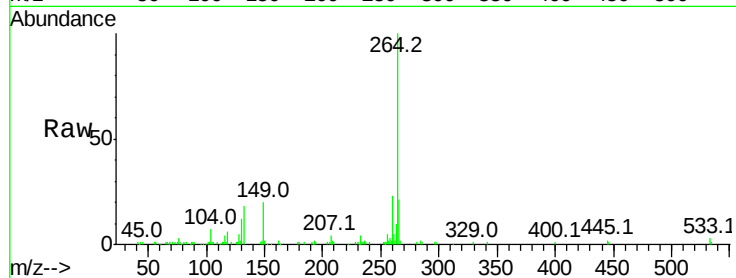




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2265
Delta R.T. -0.06 min
Lab File: BF107156.D
Acq: 6 Jul 2018 6:52

Instrument :
BNA_F
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070218-DBRI-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.4	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

