

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107389.D
 Acq On : 14 Jul 2018 2:16
 Operator : JU/SJ
 Sample : J3970-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071118-DBRI-F-D-S

Quant Time: Jul 14 03:18:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

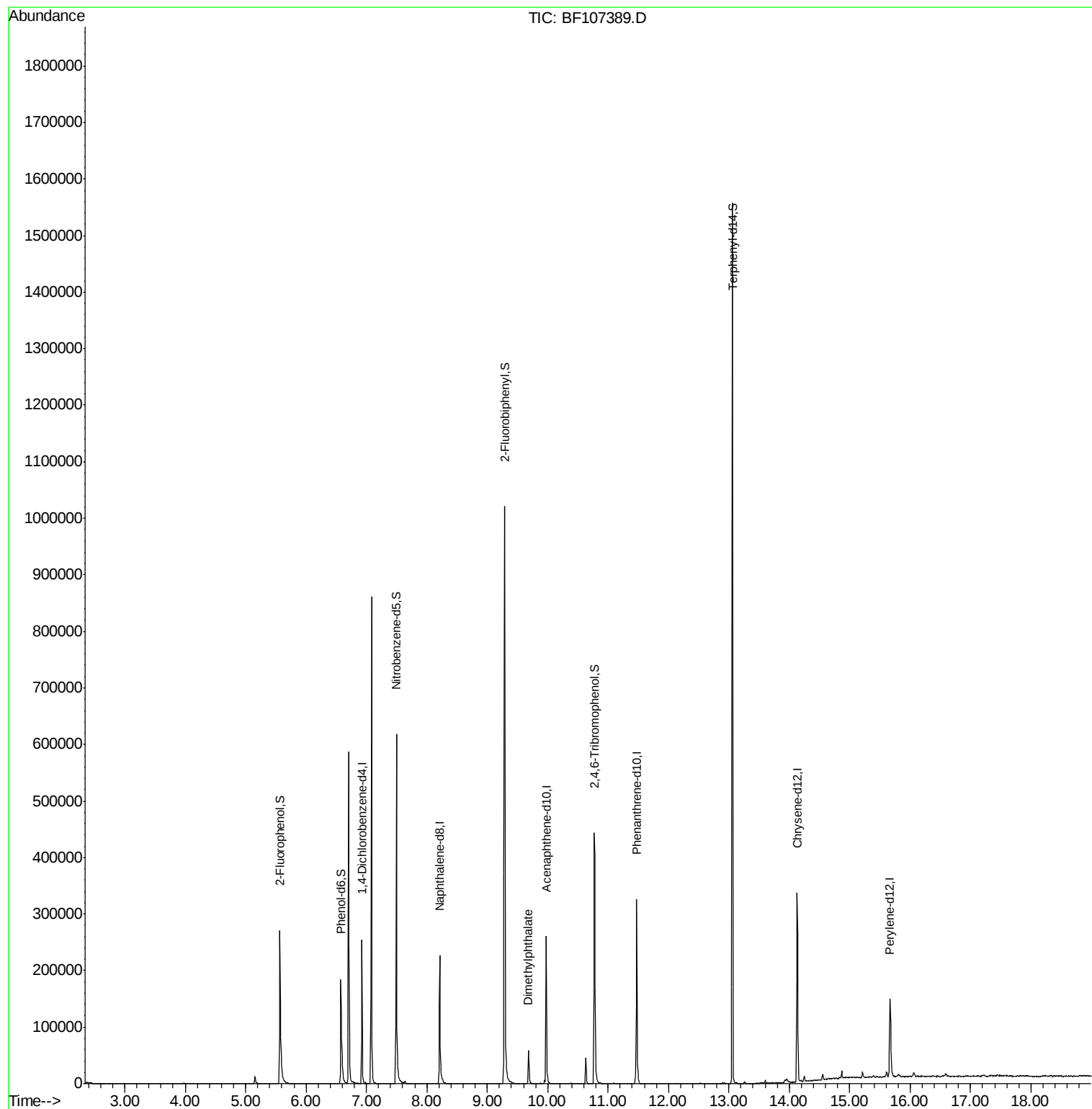
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	40090	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	137673	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	66565	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	146974	20.00	ng	0.00
75) Chrysene-d12	14.13	240	136880	20.00	ng	0.00
86) Perylene-d12	15.67	264	93306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	112266	47.42	ng	0.00
7) Phenol-d6	6.58	99	88328	29.87	ng	0.00
23) Nitrobenzene-d5	7.50	82	226332	91.36	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	79235	102.70	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	420399	111.50	ng	0.00
78) Terphenyl-d14	13.06	244	634486	112.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.68	163	32682	6.546	ng	Qvalue 98

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

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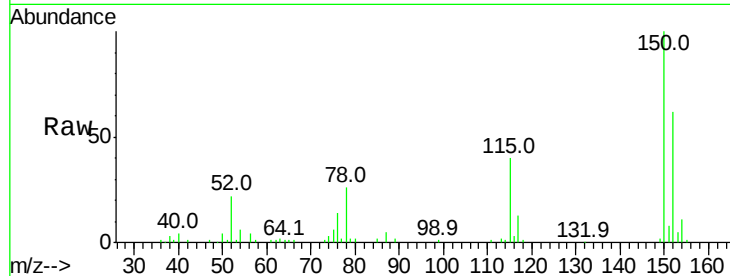


#1

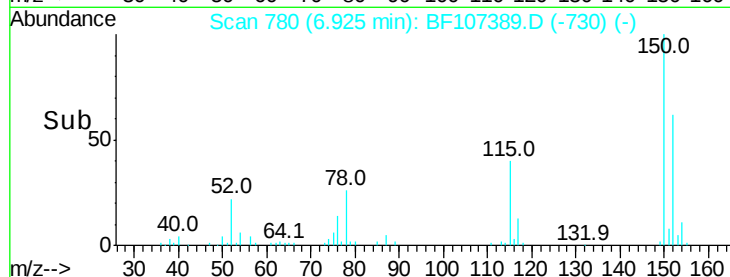
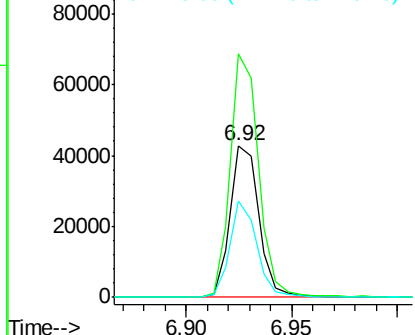
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF107389.D
Acq: 14 Jul 2018 2:16

Instrument :
BNA_F
ClientSampleId :
071118-DBRI-F-D-S

Tot Ion:152 Resp: 40090
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 64.0 50.1 75.1



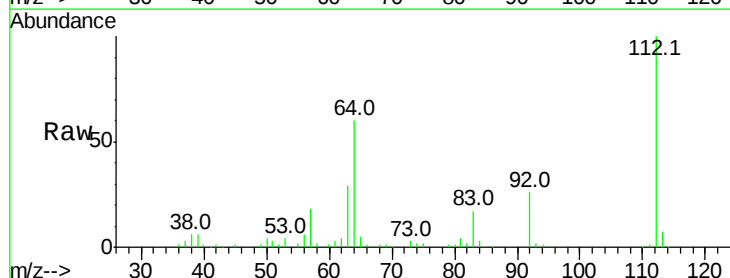
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



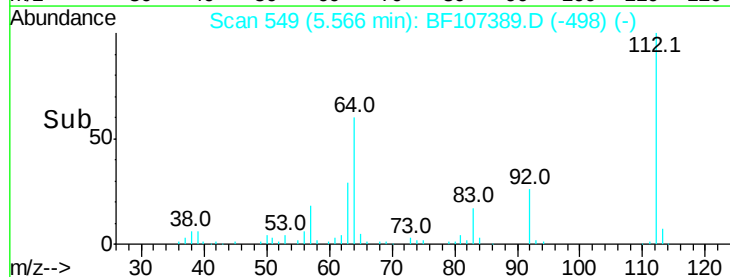
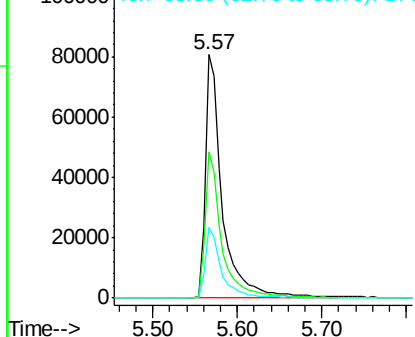
#5

2-Fluorophenol
Concen: 47.419 ng
RT: 5.57 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF107389.D
Acq: 14 Jul 2018 2:16

Tgt Ion:112 Resp: 112266
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 28.9 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: 29.875 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107389.D

Acq: 14 Jul 2018 2:16

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-D-S

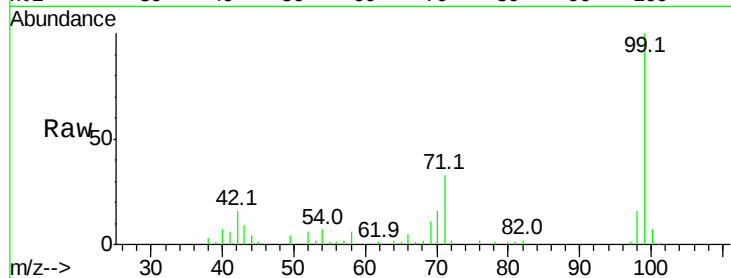
Tot Ion: 99 Resp: 88328

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

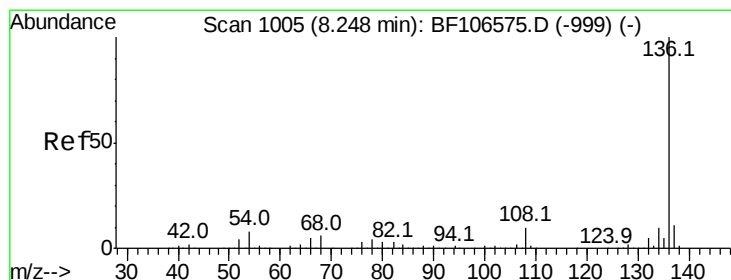
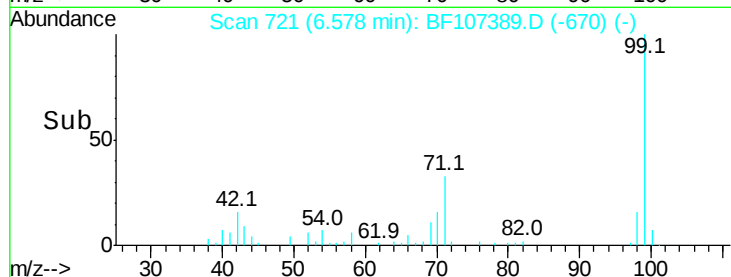
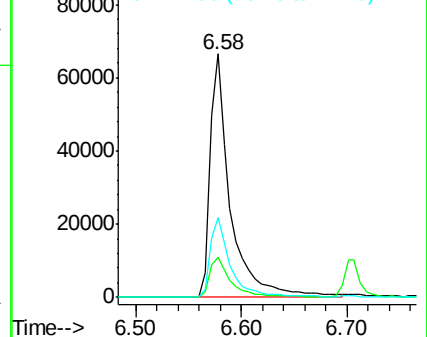
71 32.7 25.4 38.0



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: 8.21 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF107389.D

Acq: 14 Jul 2018 2:16

Tgt Ion: 136 Resp: 137673

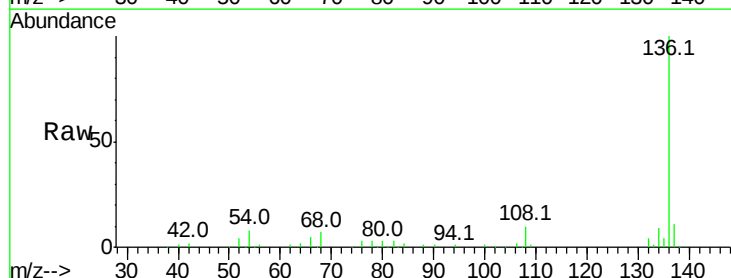
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.0 6.6 9.8

68 6.7 5.0 7.4

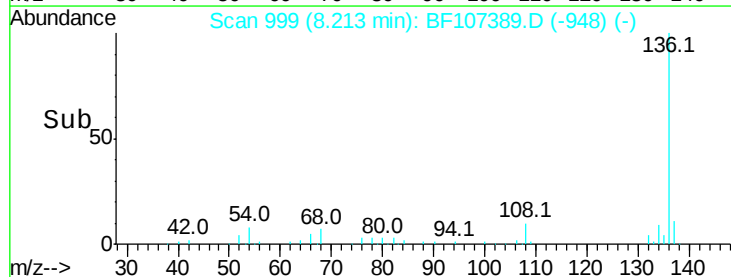
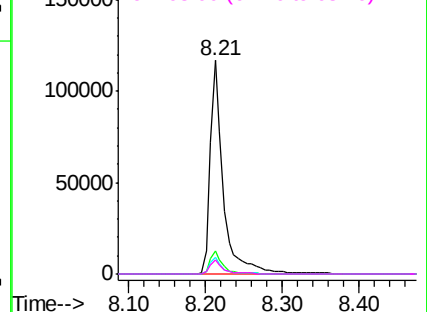


Abundance Ion 136.00 (135.70 to 136.70): E

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

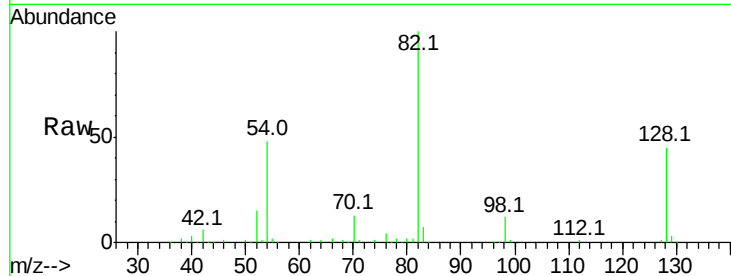




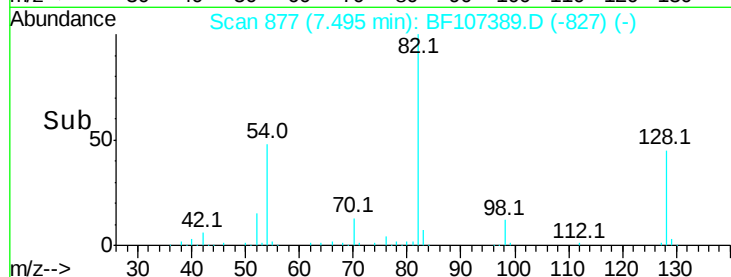
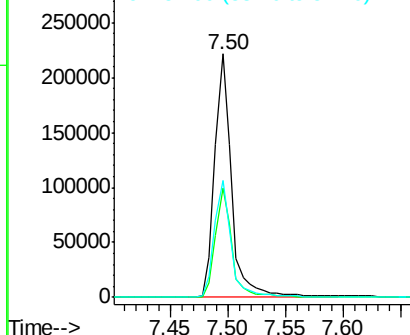
#23
 Nitrobenzene-d5
 Concen: 91.362 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF107389.D
 Acq: 14 Jul 2018 2:16

Instrument :
 BNA_F
 ClientSampleId :
 071118-DBRI-F-D-S

Tot Ion: 82 Resp: 226332
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.1 54.1
 54 47.8 41.4 62.2

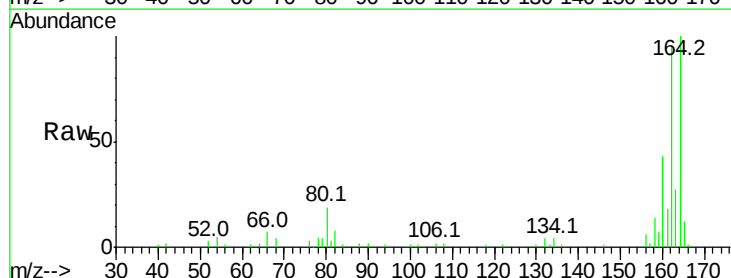


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

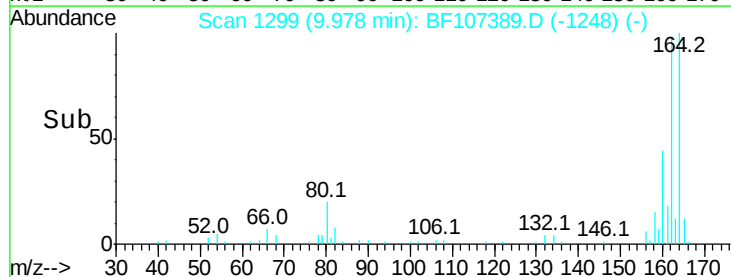
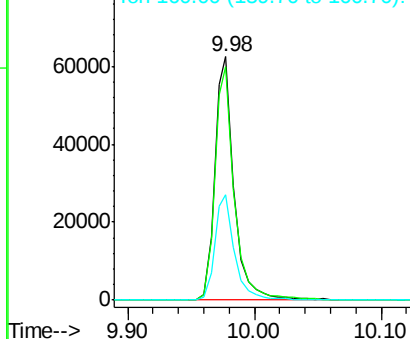


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF107389.D
 Acq: 14 Jul 2018 2:16

Tgt Ion: 164 Resp: 66565
 Ion Ratio Lower Upper
 164 100
 162 96.1 86.1 129.1
 160 43.5 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

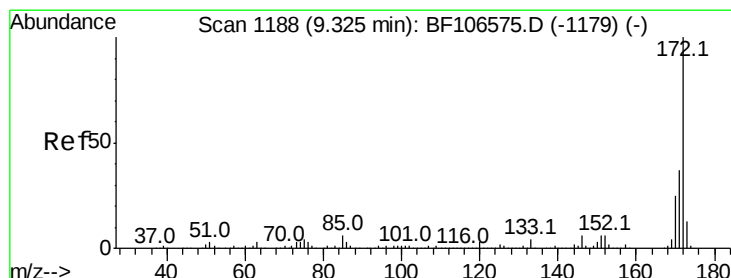
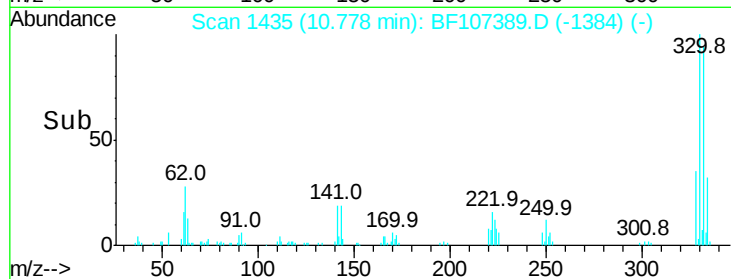
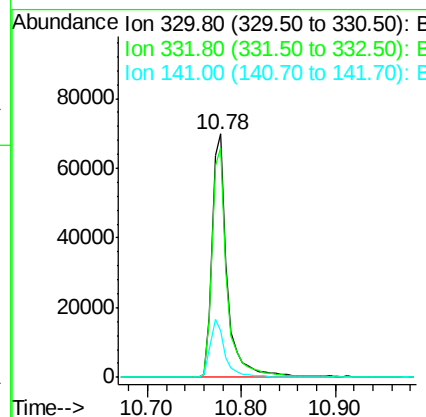
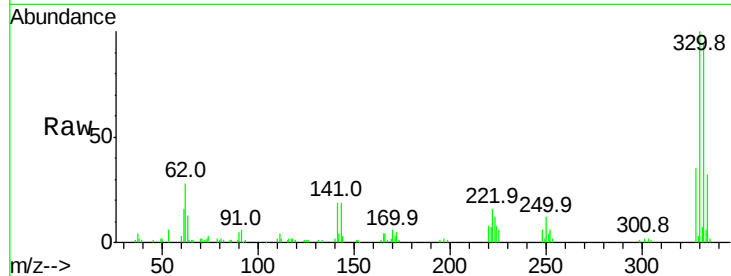




#41
 2,4,6-Tribromophenol
 Concen: 102.702 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF107389.D
 Acq: 14 Jul 2018 2:16

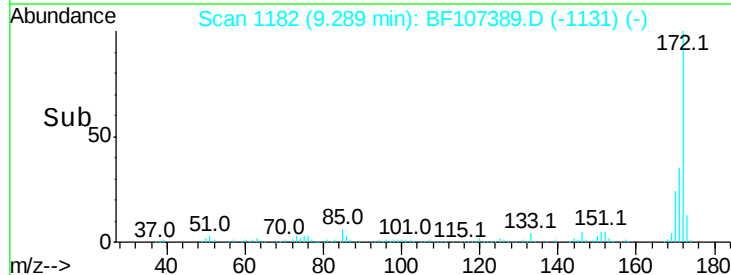
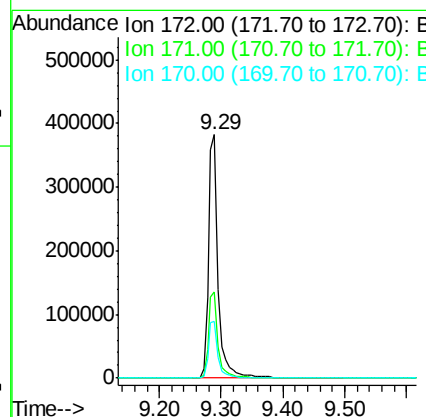
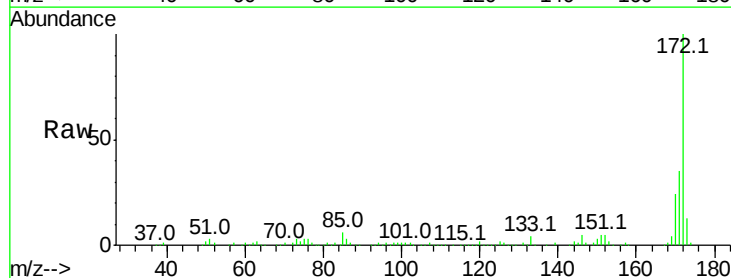
Instrument :
 BNA_F
 ClientSampleId :
 071118-DBRI-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	23.1	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 111.498 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107389.D
 Acq: 14 Jul 2018 2:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.6	19.6	29.4





#49

Dimethylphthalate

Concen: 6.546 ng

RT: 9.68 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF107389.D

Acq: 14 Jul 2018 2:16

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-D-S

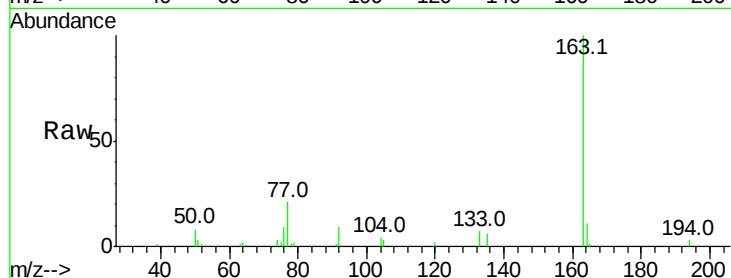
Tot Ion:163 Resp: 32682

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

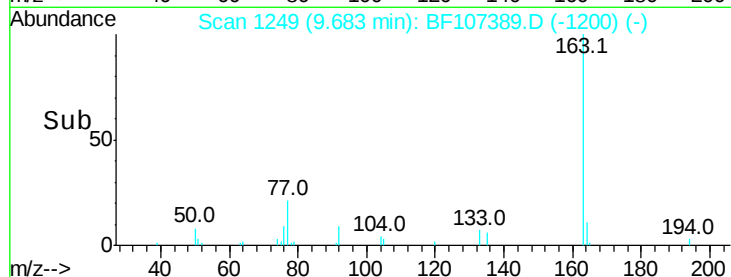
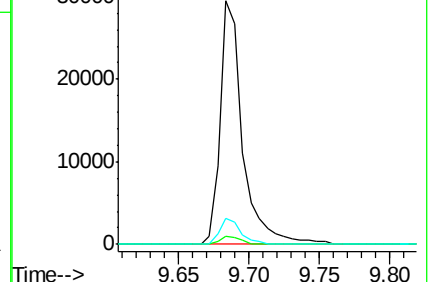
164 10.9 8.2 12.2



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: 11.47 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF107389.D

Acq: 14 Jul 2018 2:16

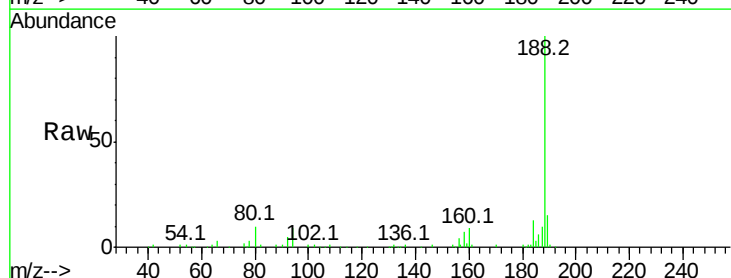
Tgt Ion:188 Resp: 146974

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

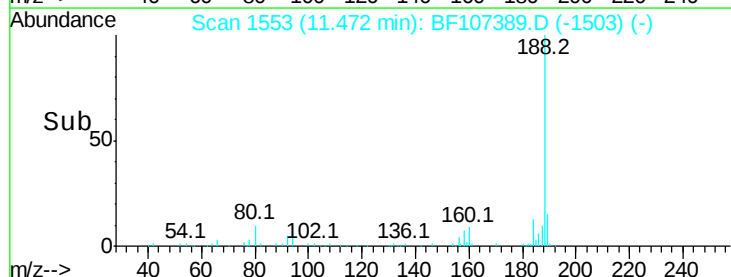
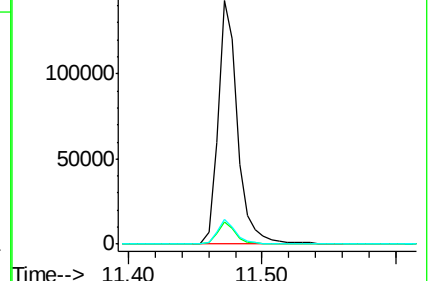
80 10.2 9.2 13.8

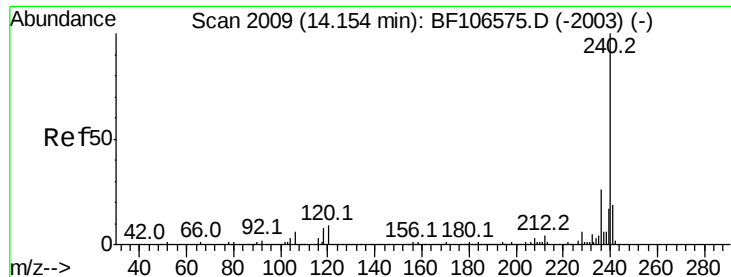


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF107389.D

Acq: 14 Jul 2018 2:16

Instrument :

BNA_F

ClientSampleId :

071118-DBRI-F-D-S

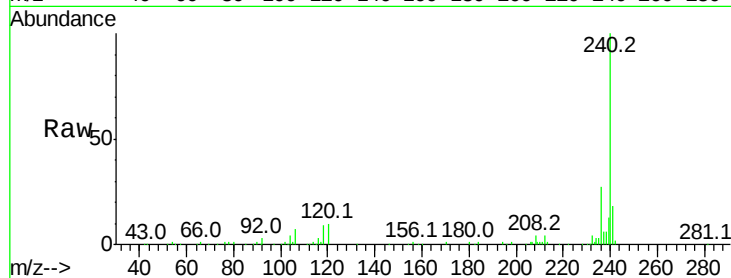
Tot Ion:240 Resp: 136880

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

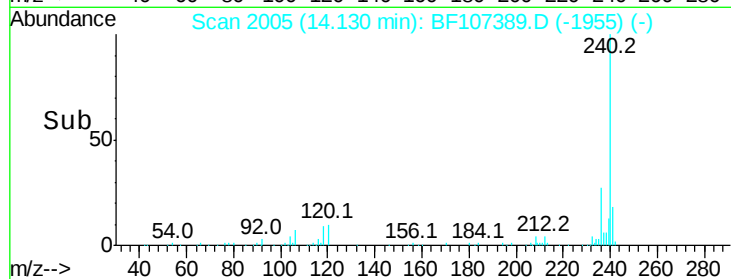
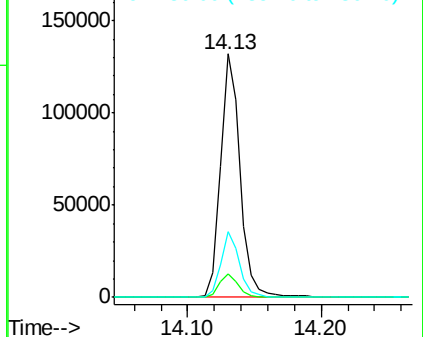
236 26.9 20.7 31.1



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: 112.282 ng

RT: 13.06 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BF107389.D

Acq: 14 Jul 2018 2:16

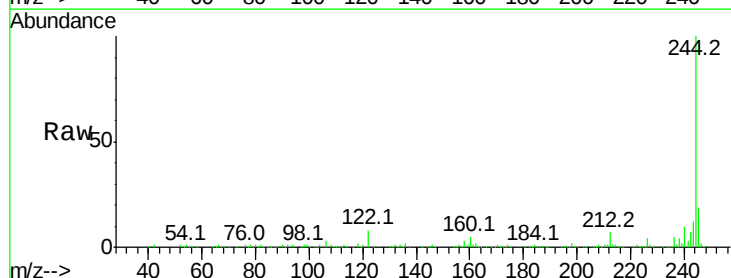
Tgt Ion:244 Resp: 634486

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

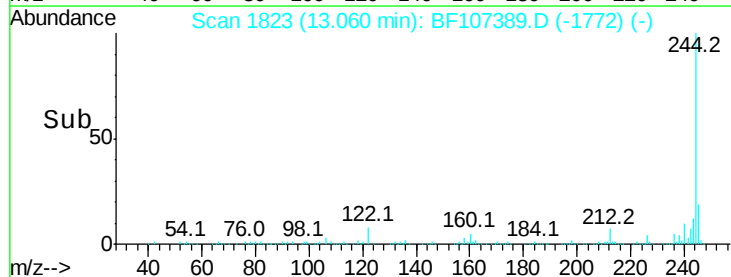
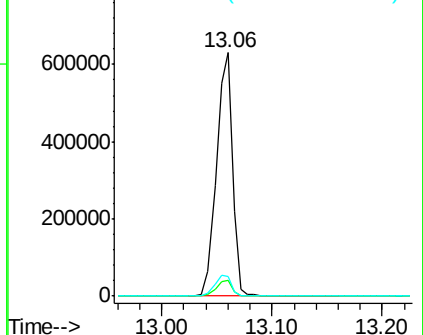
122 8.1 11.0 16.4#



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: 15.67 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BF107389.D
 Acq: 14 Jul 2018 2:16

Instrument :
 BNA_F
 ClientSampleId :
 071118-DBRI-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.7	17.5	26.3

