

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108224.D
 Acq On : 17 Aug 2018 4:37
 Operator : JU/SJ
 Sample : J4504-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 081418-DBRI-F-D-S

Quant Time: Aug 17 05:49:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

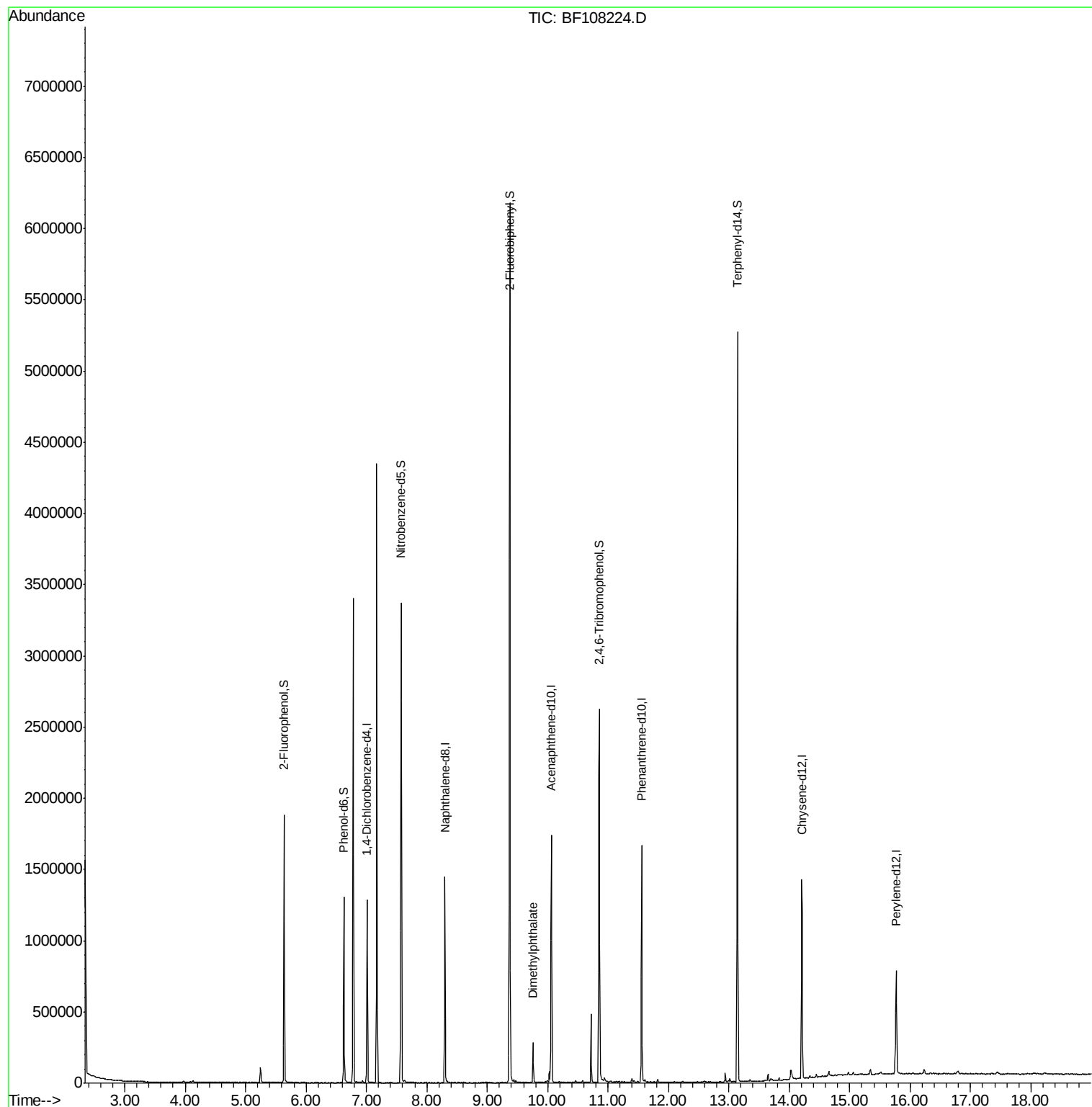
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	173674	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	643339	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	318607	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	595038	20.00	ng	0.00
75) Chrysene-d12	14.21	240	479215	20.00	ng	-0.01
86) Perylene-d12	15.77	264	373975	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	429576	44.78	ng	0.00
7) Phenol-d6	6.62	99	359762	28.22	ng	0.00
23) Nitrobenzene-d5	7.58	82	1159897	100.61	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	318533	100.23	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2087475	105.19	ng	0.00
78) Terphenyl-d14	13.15	244	1995589	105.88	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.76	163	104237	4.697	ng	Qvalue # 99

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

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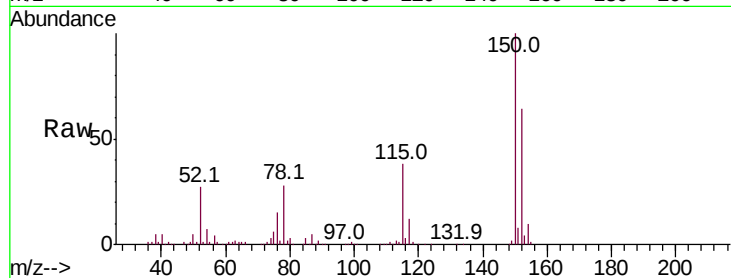


#1

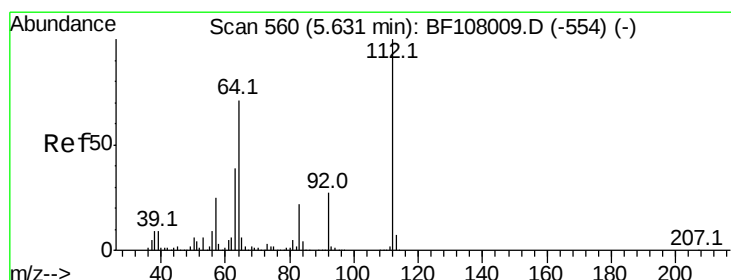
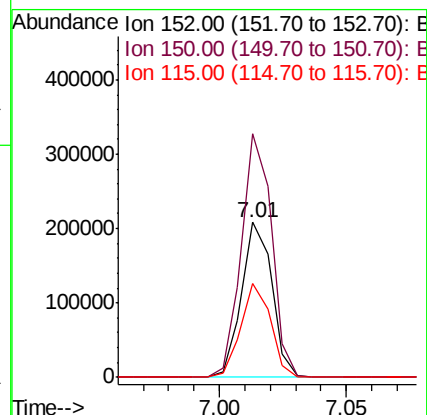
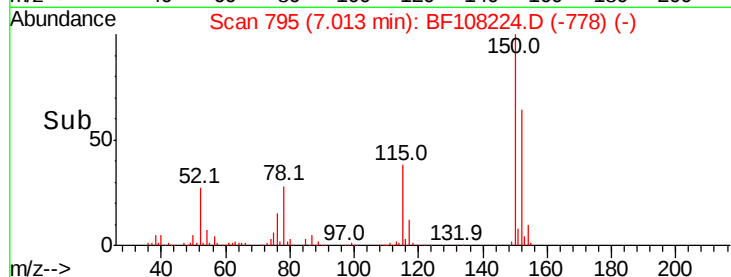
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108224.D
Acq: 17 Aug 2018 4:37

Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-D-S

Tot Ion:152 Resp: 173674
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 60.4 50.1 75.1



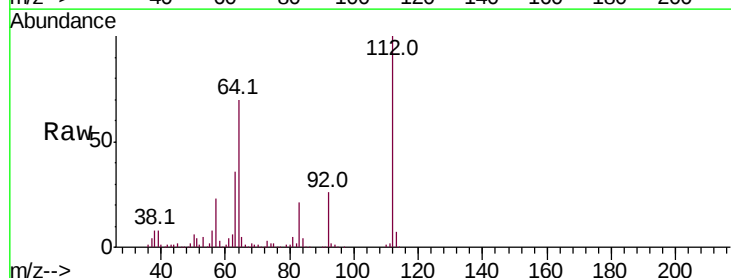
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



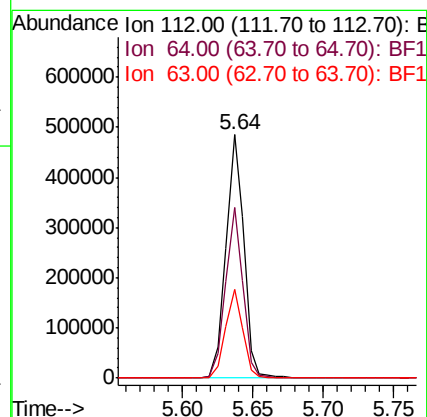
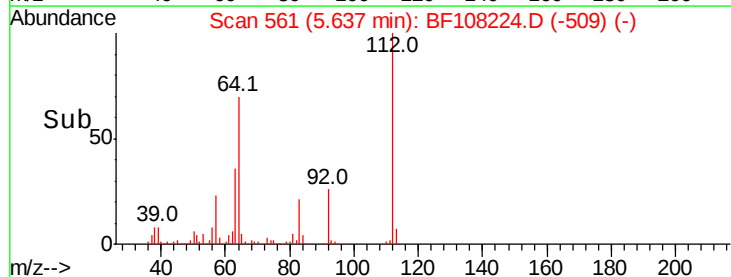
#5

2-Fluorophenol
Concen: 44.781 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108224.D
Acq: 17 Aug 2018 4:37

Tgt Ion:112 Resp: 429576
Ion Ratio Lower Upper
112 100
64 70.1 47.9 71.9
63 36.4 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: 28.222 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108224.D

Acq: 17 Aug 2018 4:37

Instrument :

BNA_F

ClientSampleId :

081418-DBRI-F-D-S

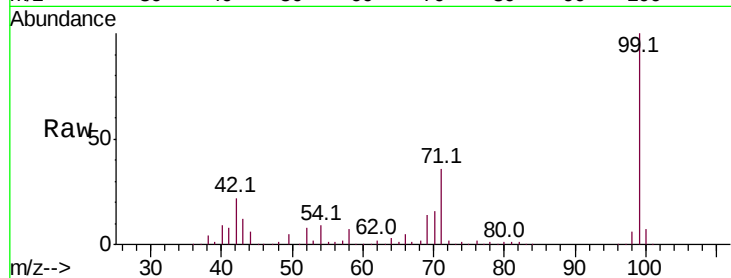
Tot Ion: 99 Resp: 359762

Ion Ratio Lower Upper

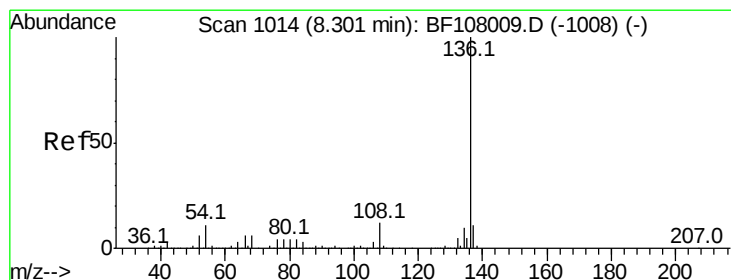
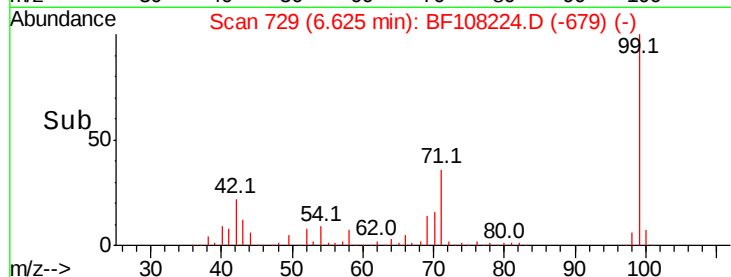
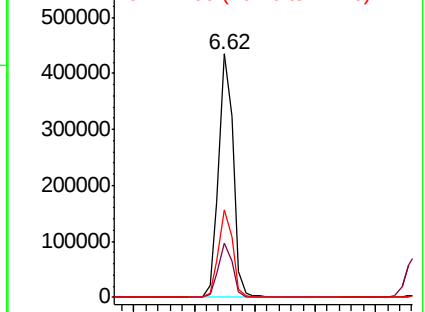
99 100

42 22.4 14.5 21.7#

71 35.7 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: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108224.D

Acq: 17 Aug 2018 4:37

Tgt Ion: 136 Resp: 643339

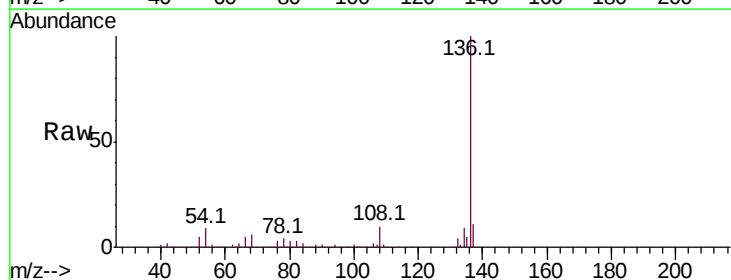
Ion Ratio Lower Upper

136 100

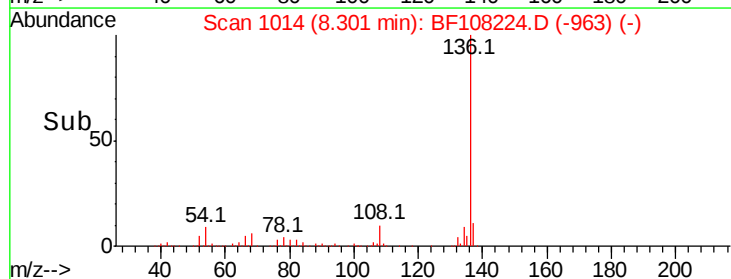
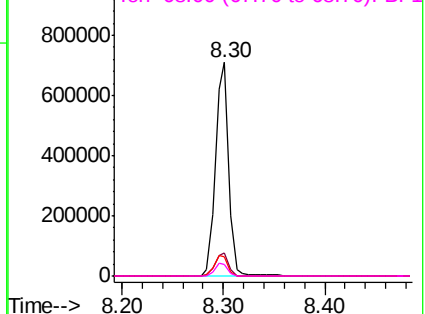
137 10.7 8.9 13.3

54 9.0 6.6 9.8

68 5.6 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



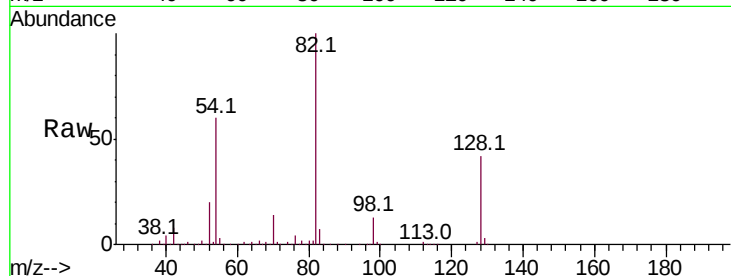


#23
 Nitrobenzene-d5
 Concen: 100.606 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108224.D
 Acq: 17 Aug 2018 4:37

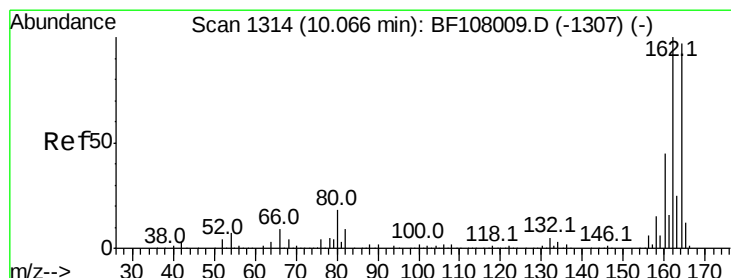
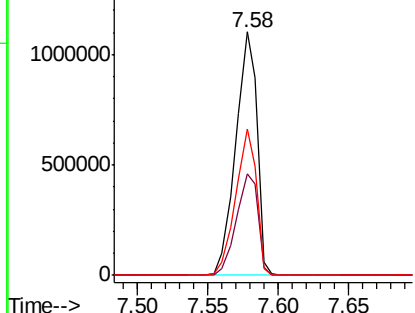
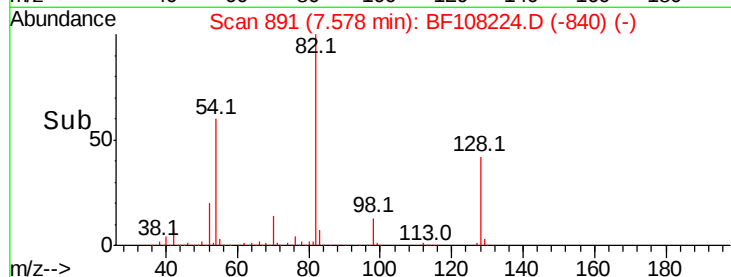
Instrument :
 BNA_F
 ClientSampleId :
 081418-DBRI-F-D-S

Tot Ion: 82 Resp: 1159897

Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	60.4	41.4	62.2



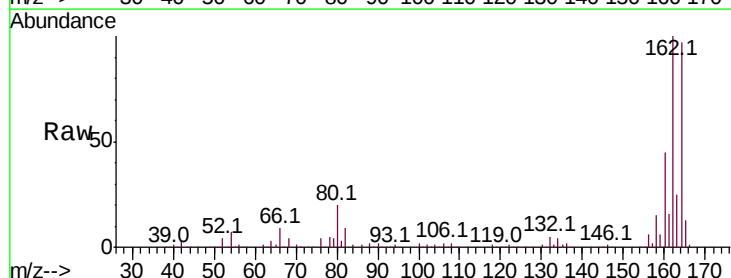
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



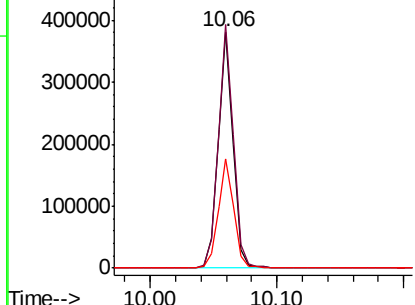
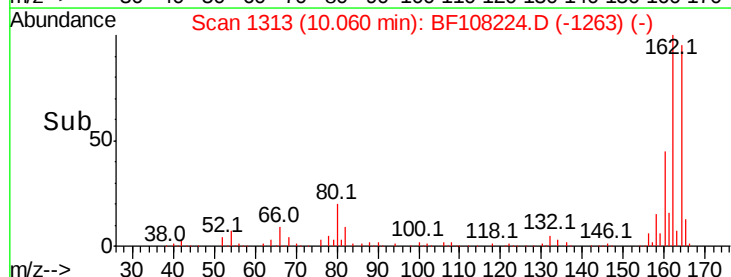
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108224.D
 Acq: 17 Aug 2018 4:37

Tgt Ion:164 Resp: 318607

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	46.2	38.3	57.5



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

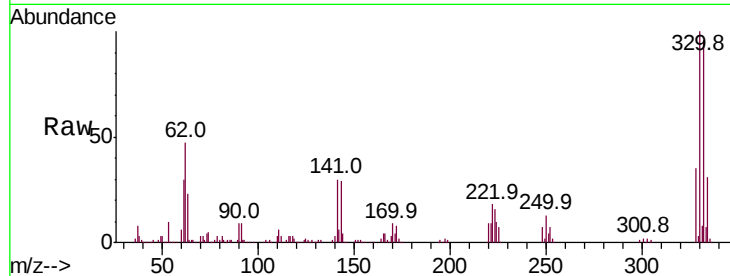




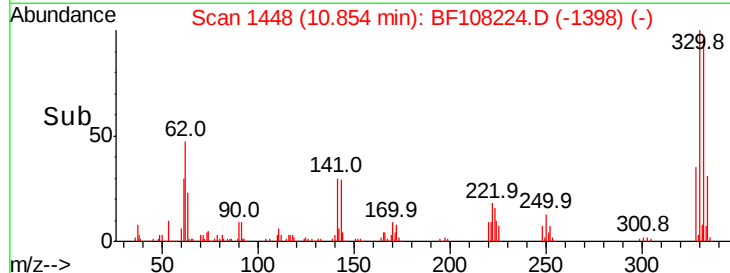
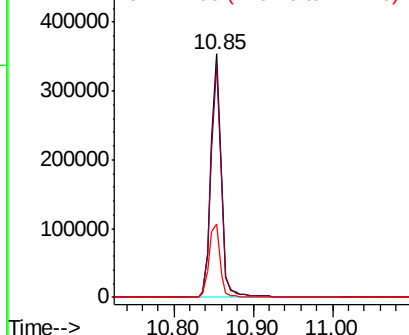
#41
 2,4,6-Tribromophenol
 Concen: 100.230 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108224.D
 Acq: 17 Aug 2018 4:37

Instrument :
 BNA_F
 ClientSampleId :
 081418-DBRI-F-D-S

Tot Ion:330 Resp: 318533
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 33.1 29.9 44.9

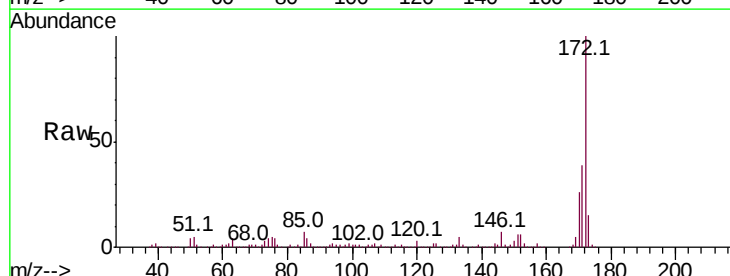


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

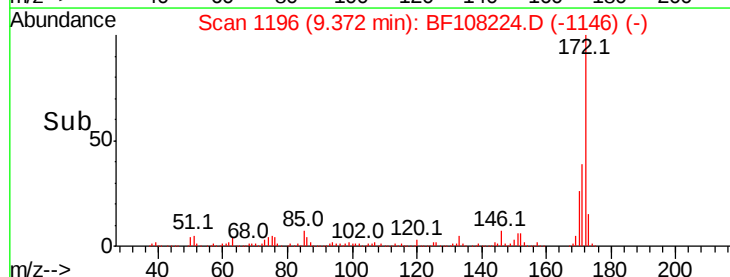
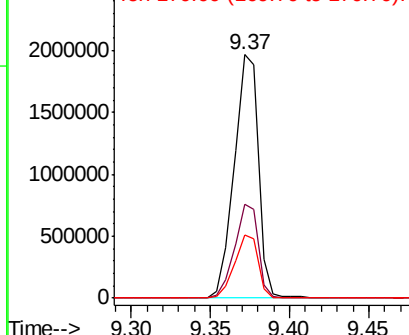


#44
 2-Fluorobiphenyl
 Concen: 105.188 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108224.D
 Acq: 17 Aug 2018 4:37

Tgt Ion:172 Resp: 2087475
 Ion Ratio Lower Upper
 172 100
 171 38.6 29.7 44.5
 170 25.7 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

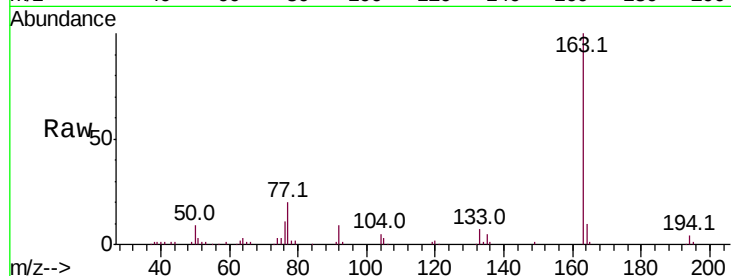




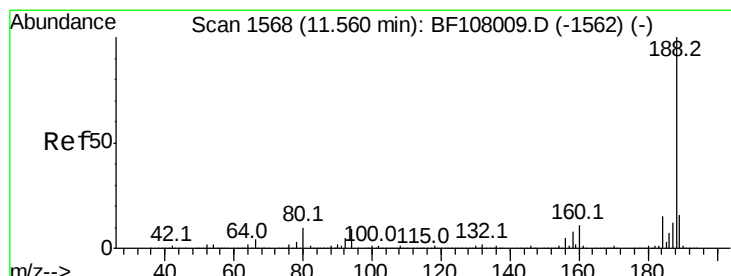
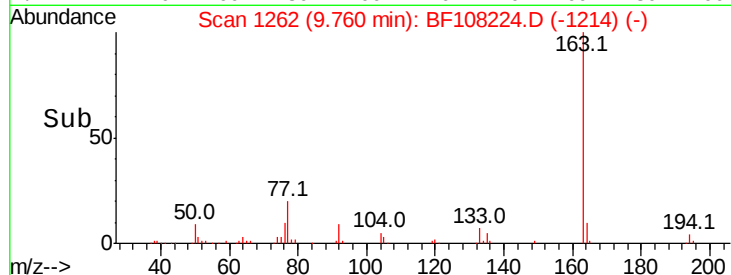
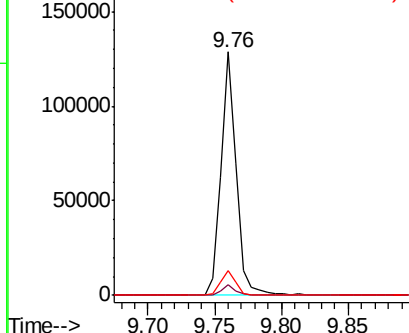
#49
Dimethylphthalate
Concen: 4.697 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108224.D
Acq: 17 Aug 2018 4:37

Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-D-S

Tot Ion:163 Resp: 104237
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.0 8.2 12.2

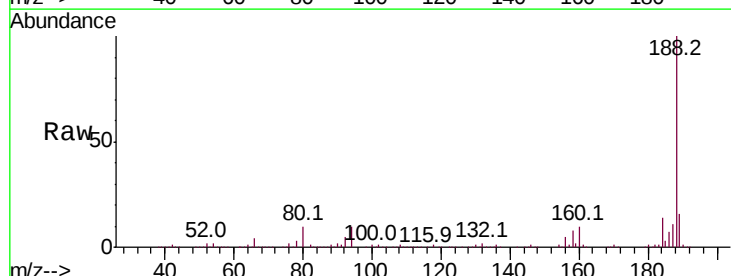


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

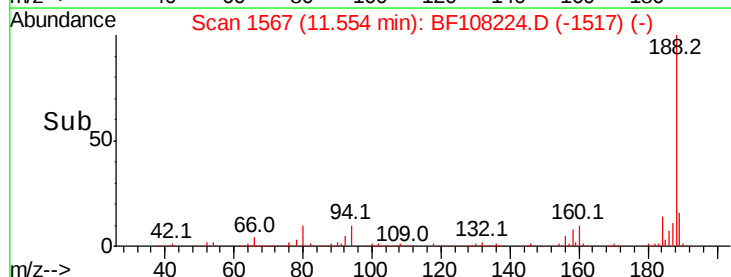
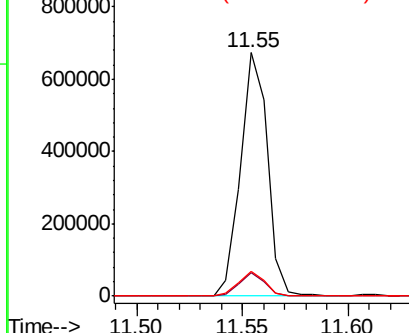


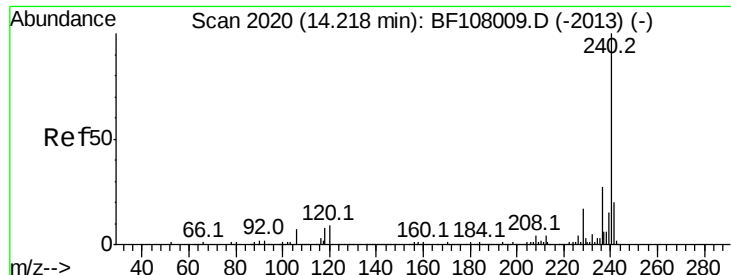
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108224.D
Acq: 17 Aug 2018 4:37

Tgt Ion:188 Resp: 595038
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.4 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: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108224.D

Acq: 17 Aug 2018 4:37

Instrument :

BNA_F

ClientSampleId :

081418-DBRI-F-D-S

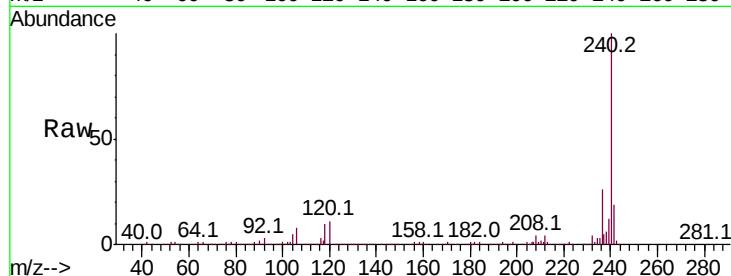
Tot Ion:240 Resp: 479215

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

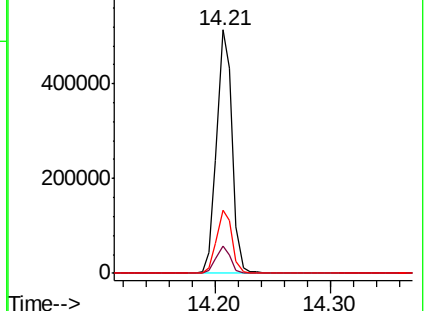
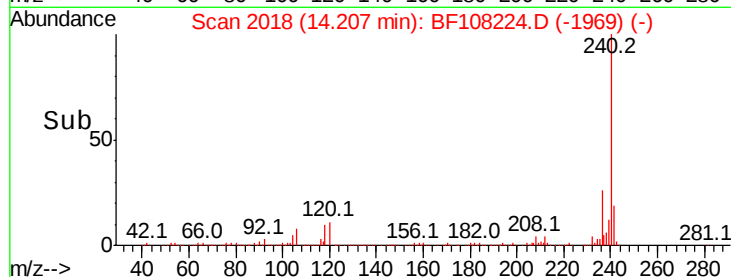
236 26.0 20.7 31.1



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: 105.880 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108224.D

Acq: 17 Aug 2018 4:37

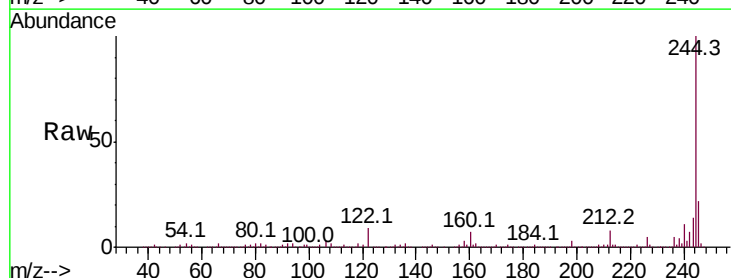
Tgt Ion:244 Resp: 1995589

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

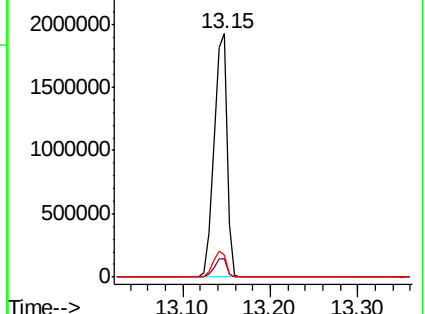
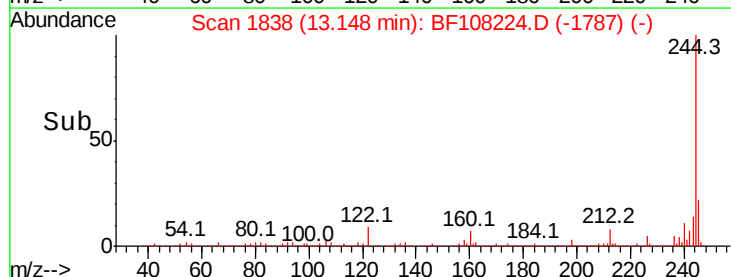
122 9.3 11.0 16.4#

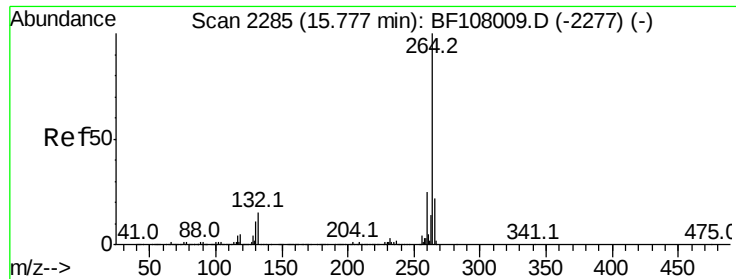


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108224.D
Acq: 17 Aug 2018 4:37

Instrument :
BNA_F
ClientSampleId :
081418-DBRI-F-D-S

Tot Ion:	264	Resp:	373975
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.1	17.5	26.3

