

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109138.D
 Acq On : 19 Sep 2018 10:58
 Operator : JU/SJ
 Sample : J4931-08
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091418-DBRI-E-U-S

Quant Time: Sep 19 12:00:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

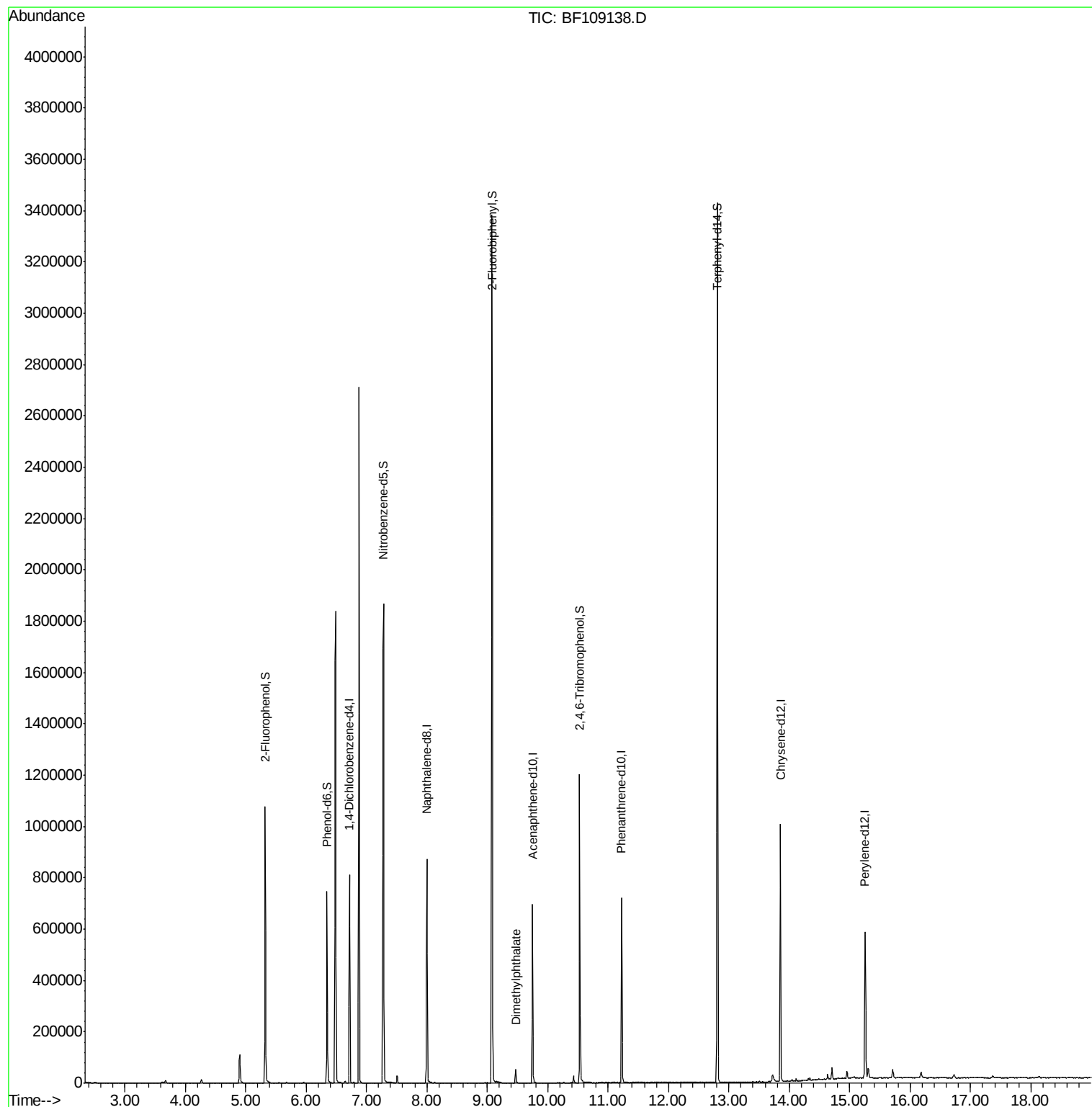
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	113700	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	366399	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	139900	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	270280	20.00	ng	0.00
75) Chrysene-d12	13.85	240	326543	20.00	ng	0.00
86) Perylene-d12	15.26	264	265114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	286788	41.89	ng	0.00
7) Phenol-d6	6.35	99	213708	24.21	ng	-0.01
23) Nitrobenzene-d5	7.28	82	642968	98.43	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	148803	98.01	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	994734	111.40	ng	0.00
78) Terphenyl-d14	12.81	244	1137791	82.59	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	23552	2.355	ng	Qvalue 100

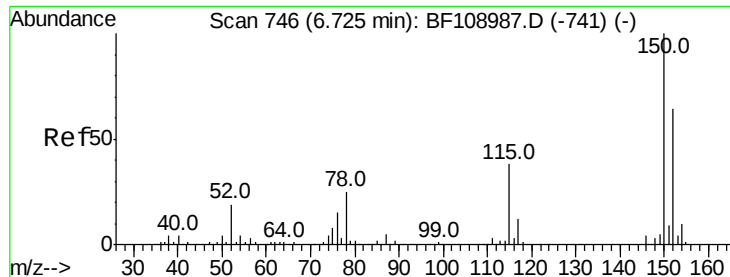
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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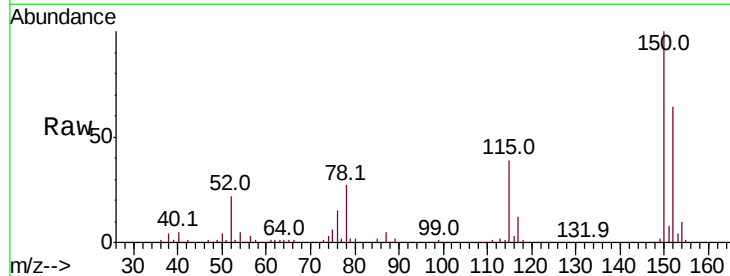


#1

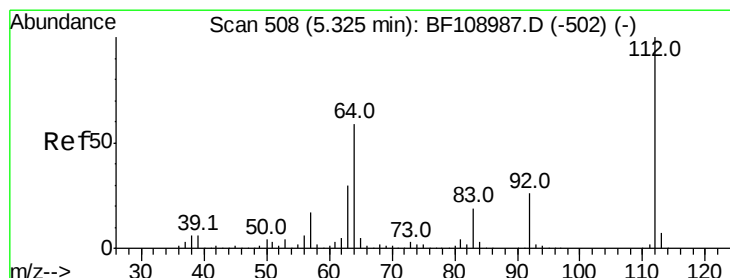
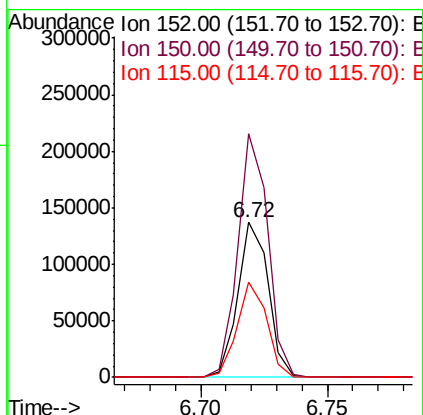
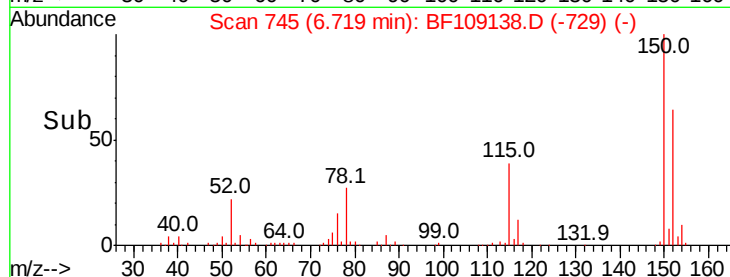
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109138.D
 Acq: 19 Sep 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :
 091418-DBRI-E-U-S

Tot Ion:152 Resp: 113700
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 61.5 50.1 75.1



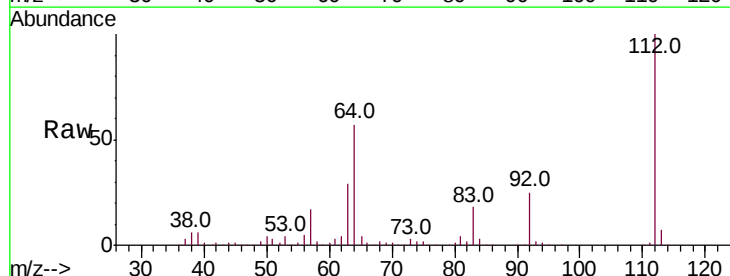
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



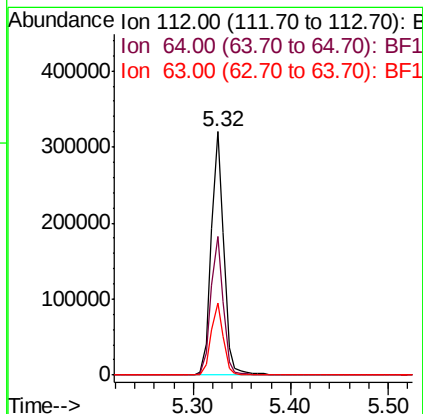
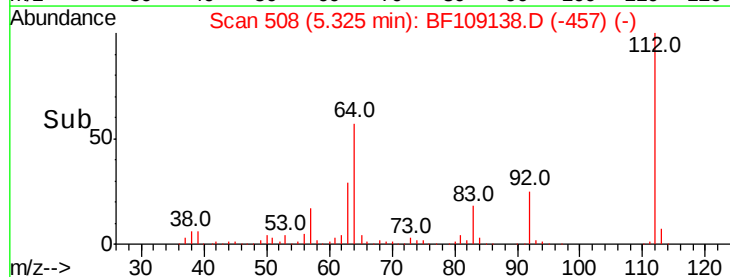
#5

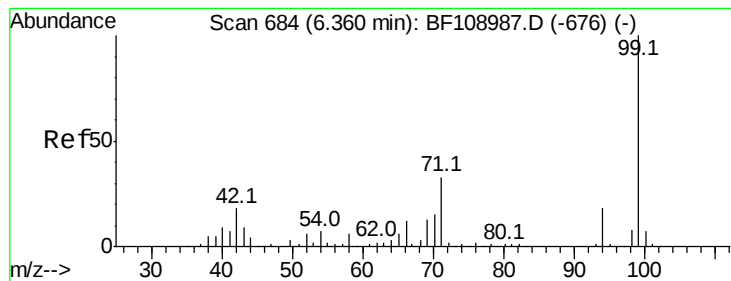
2-Fluorophenol
 Concen: 41.893 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109138.D
 Acq: 19 Sep 2018 10:58

Tgt Ion:112 Resp: 286788
 Ion Ratio Lower Upper
 112 100
 64 56.9 47.9 71.9
 63 29.5 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: 24.210 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109138.D

Acq: 19 Sep 2018 10:58

Instrument :

BNA_F

ClientSampleId :

091418-DBRI-E-U-S

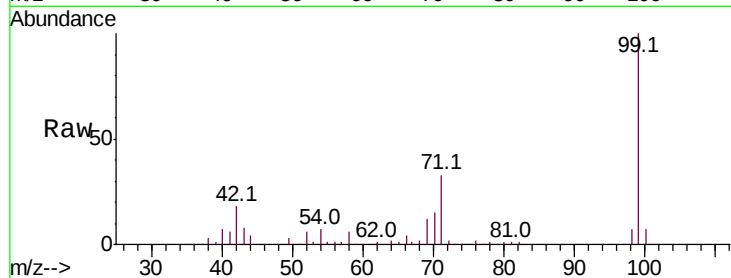
Tot Ion: 99 Resp: 213708

Ion Ratio Lower Upper

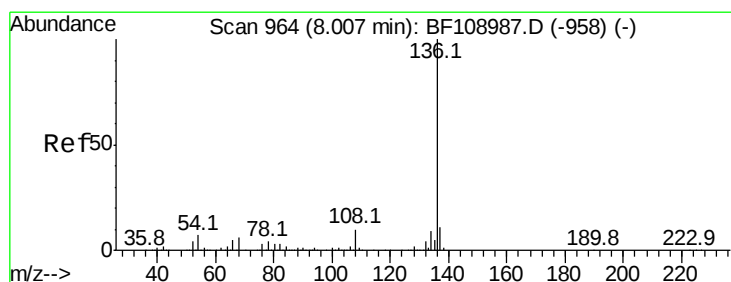
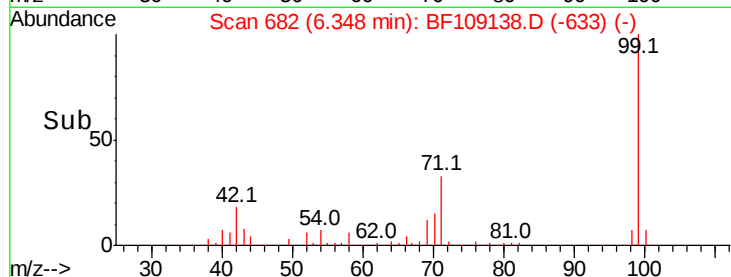
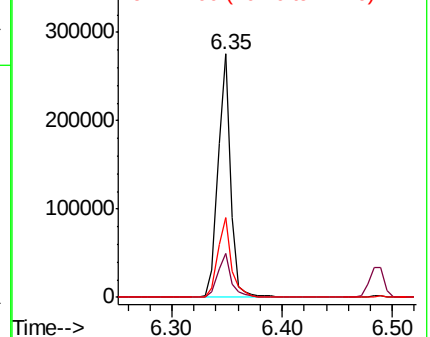
99 100

42 18.0 14.5 21.7

71 33.0 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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109138.D

Acq: 19 Sep 2018 10:58

Tgt Ion: 136 Resp: 366399

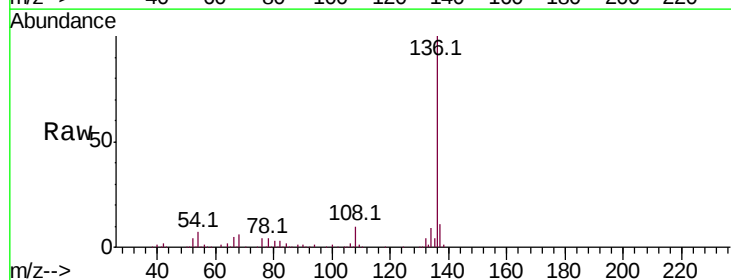
Ion Ratio Lower Upper

136 100

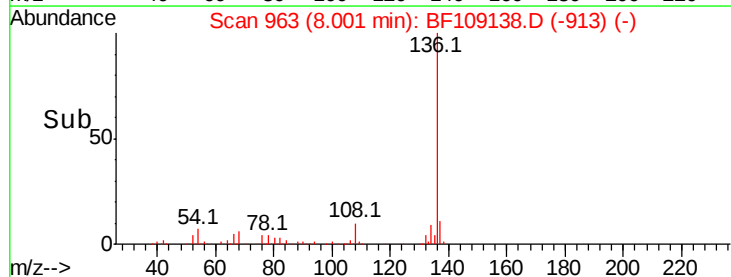
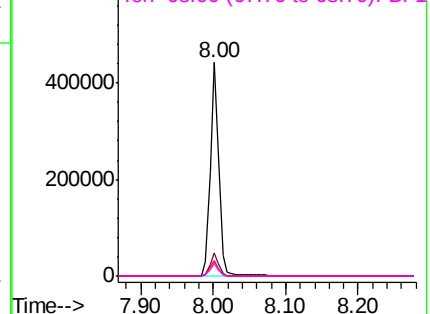
137 11.1 8.9 13.3

54 7.2 6.6 9.8

68 5.9 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

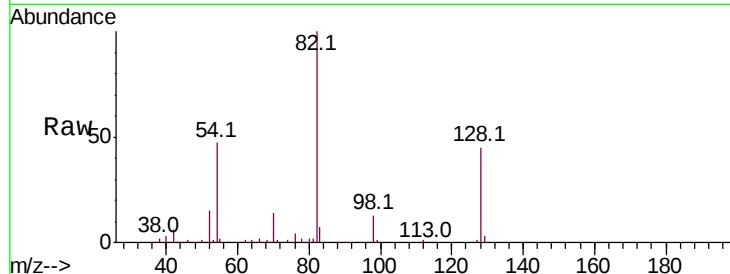




#23
Nitrobenzene-d5
Concen: 98.425 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109138.D
Acq: 19 Sep 2018 10:58

Instrument :
BNA_F
ClientSampleId :
091418-DBRI-E-U-S

Tot Ion	82	Resp	642968
Ion Ratio	Lower	Upper	
82	100		
128	45.3	36.1	54.1
54	46.9	41.4	62.2

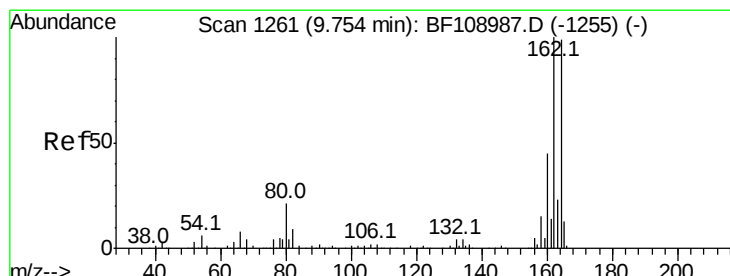
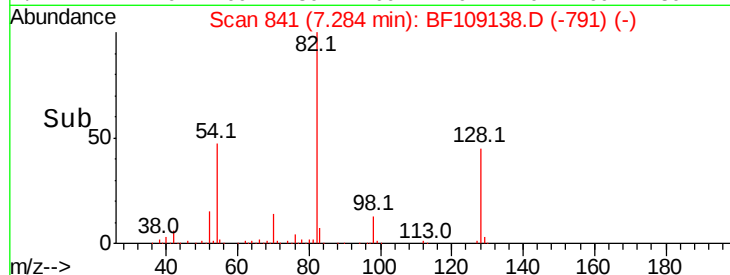
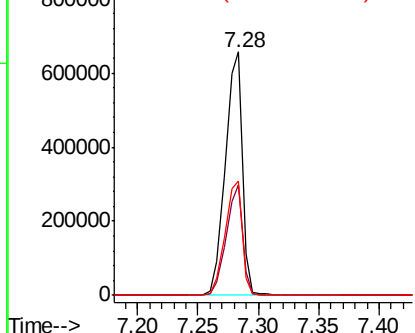


Abundance

Ion 82.00 (81.70 to 82.70): BF1

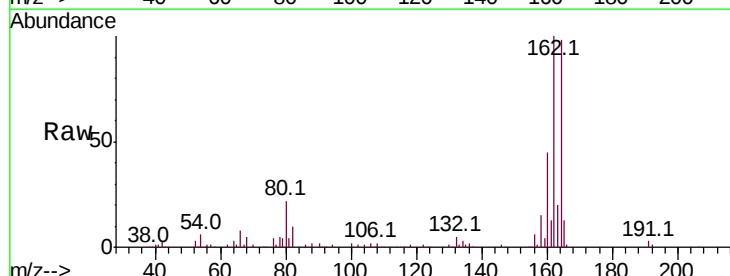
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109138.D
Acq: 19 Sep 2018 10:58

Tgt Ion	164	Resp	139900
Ion Ratio	Lower	Upper	
164	100		
162	102.4	86.1	129.1
160	46.5	38.3	57.5

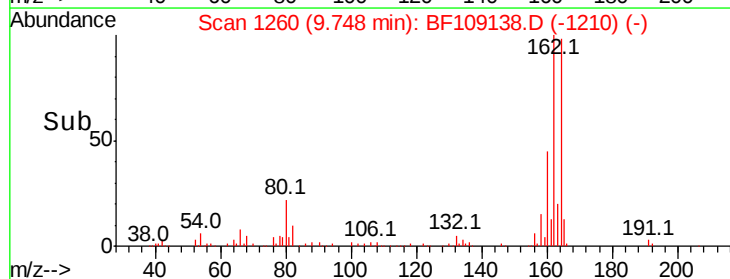
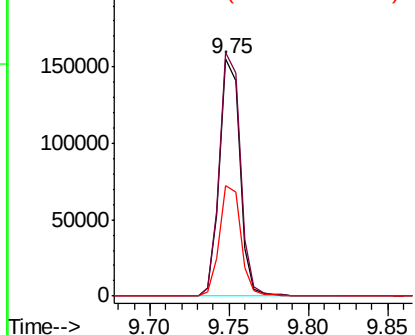


Abundance

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

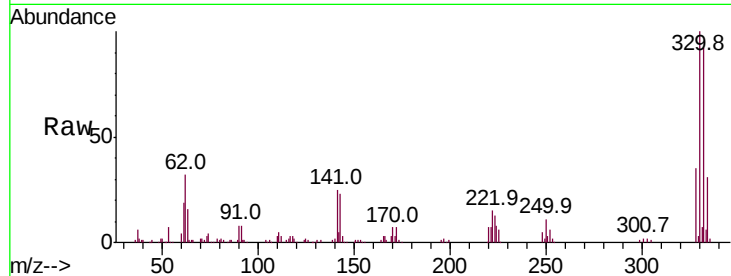




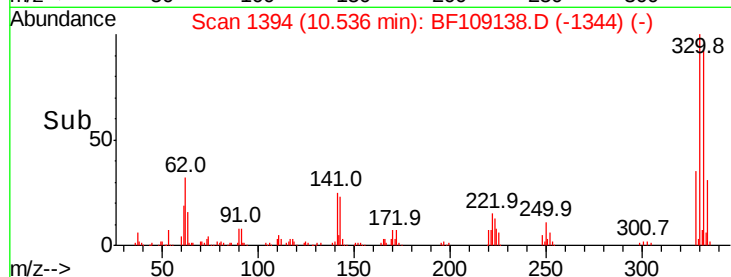
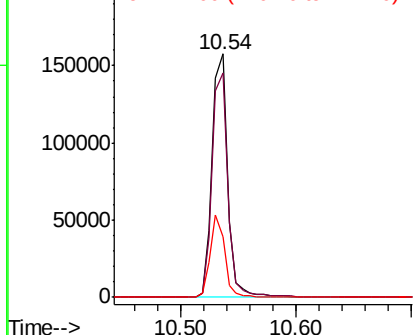
#41
 2,4,6-Tribromophenol
 Concen: 98.007 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109138.D
 Acq: 19 Sep 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :
 091418-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	31.5	29.9	44.9

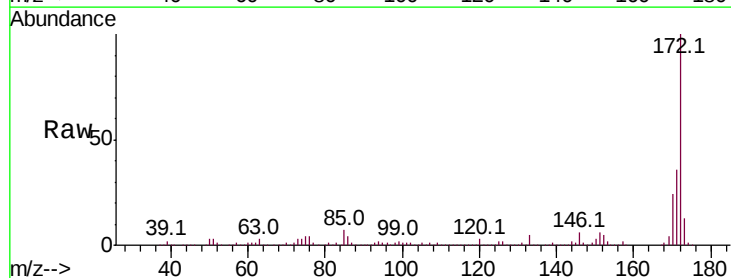


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

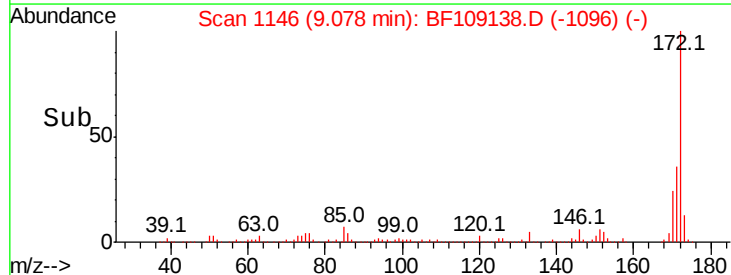
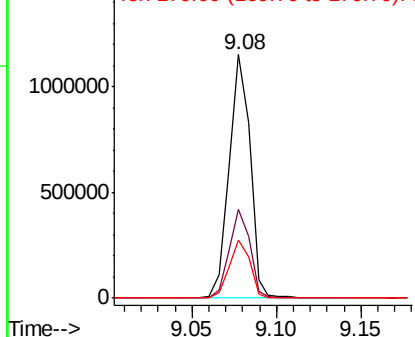


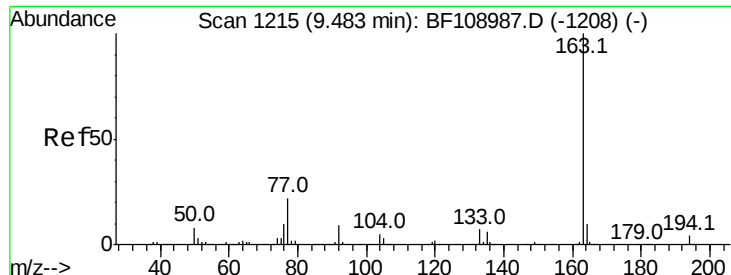
#44
 2-Fluorobiphenyl
 Concen: 111.400 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109138.D
 Acq: 19 Sep 2018 10:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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: 2.355 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109138.D

Acq: 19 Sep 2018 10:58

Instrument :

BNA_F

ClientSampleId :

091418-DBRI-E-U-S

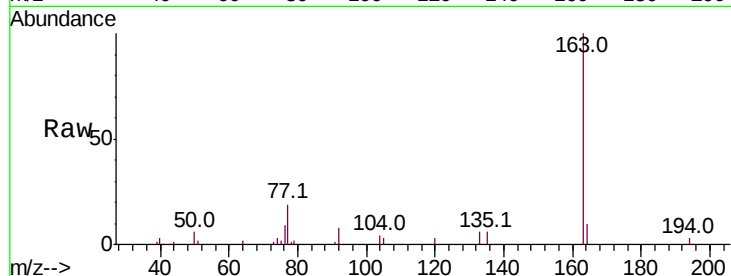
Tot Ion:163 Resp: 23552

Ion Ratio Lower Upper

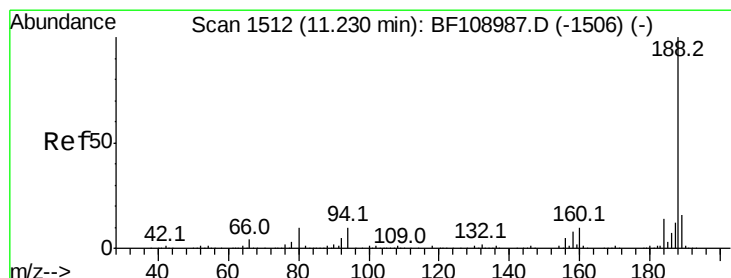
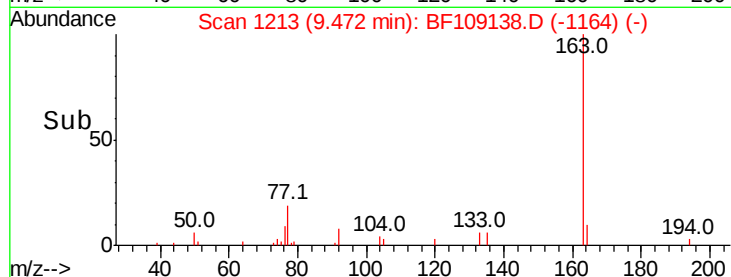
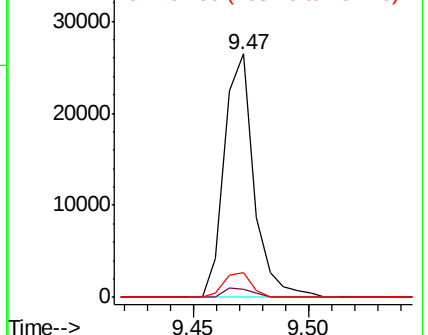
163 100

194 3.2 2.7 4.1

164 10.2 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: 11.22 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BF109138.D

Acq: 19 Sep 2018 10:58

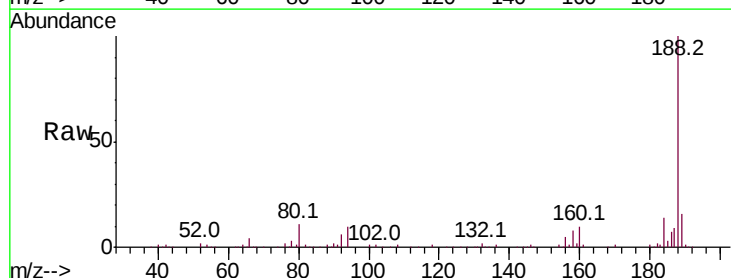
Tgt Ion:188 Resp: 270280

Ion Ratio Lower Upper

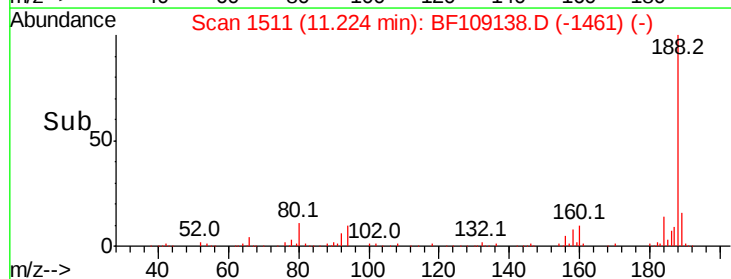
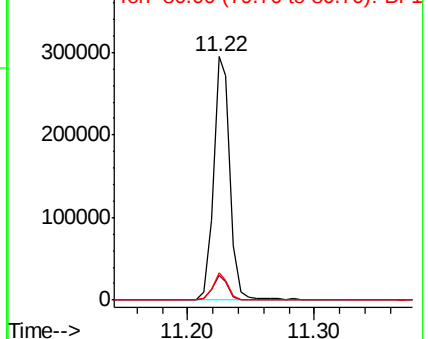
188 100

94 10.3 8.5 12.7

80 11.0 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: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109138.D

Acq: 19 Sep 2018 10:58

Instrument :

BNA_F

ClientSampleId :

091418-DBRI-E-U-S

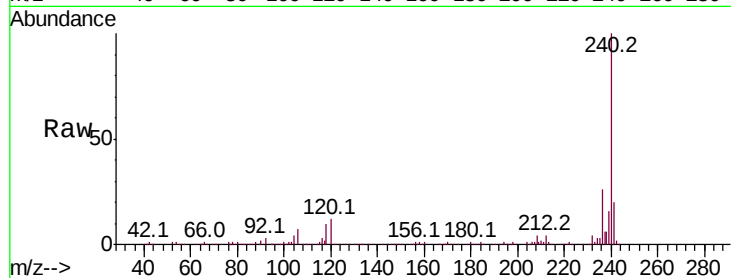
Tot Ion:240 Resp: 326543

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

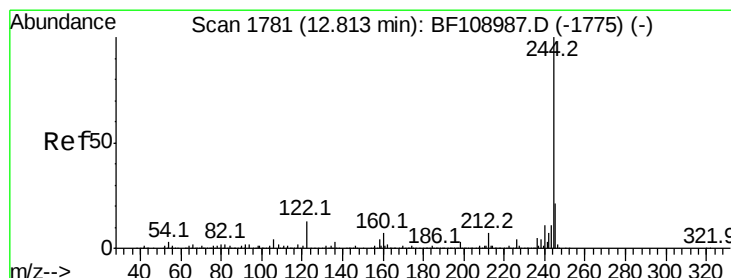
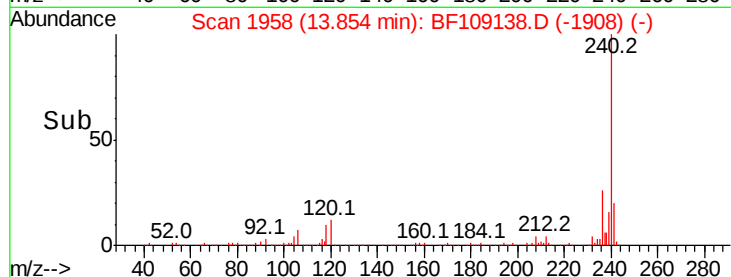
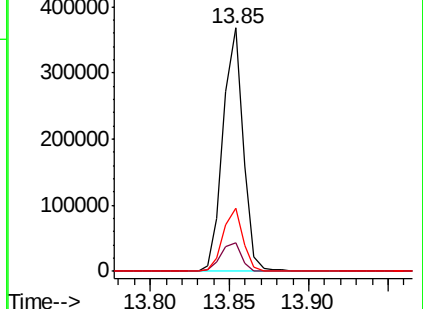
236 26.0 20.7 31.1



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: 82.588 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109138.D

Acq: 19 Sep 2018 10:58

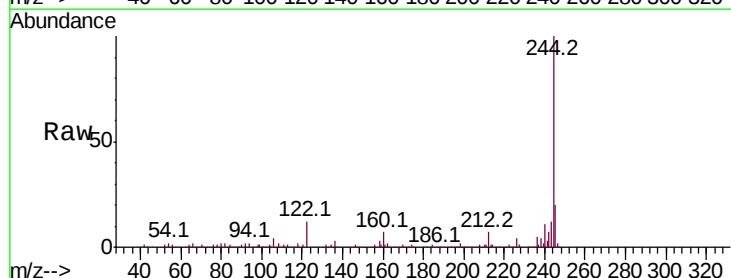
Tgt Ion:244 Resp: 1137791

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

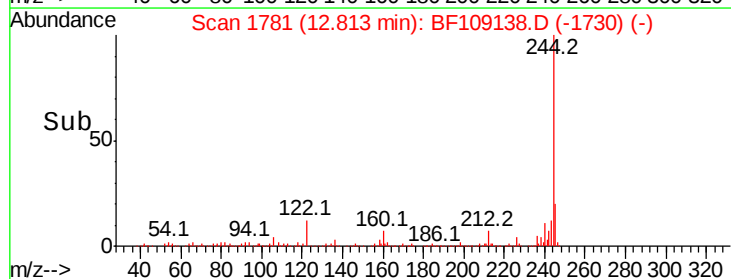
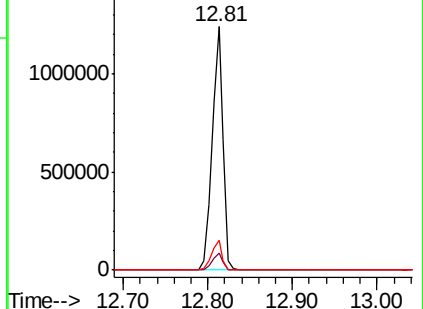
122 12.0 11.0 16.4

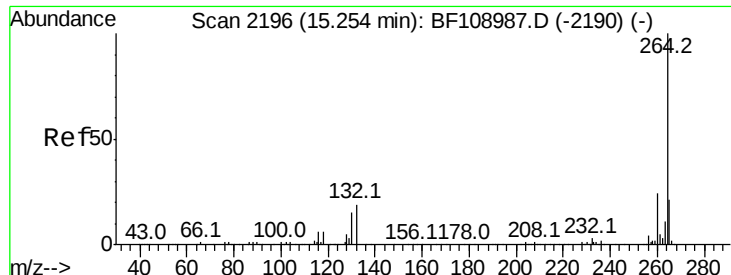


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109138.D
Acq: 19 Sep 2018 10:58

Instrument :
BNA_F
ClientSampleId :
091418-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.1	17.5	26.3

