

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109512.D
 Acq On : 2 Oct 2018 20:00
 Operator : JU/SJ
 Sample : J5186-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092718-DBRI-F-U-S

Quant Time: Oct 03 04:43:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

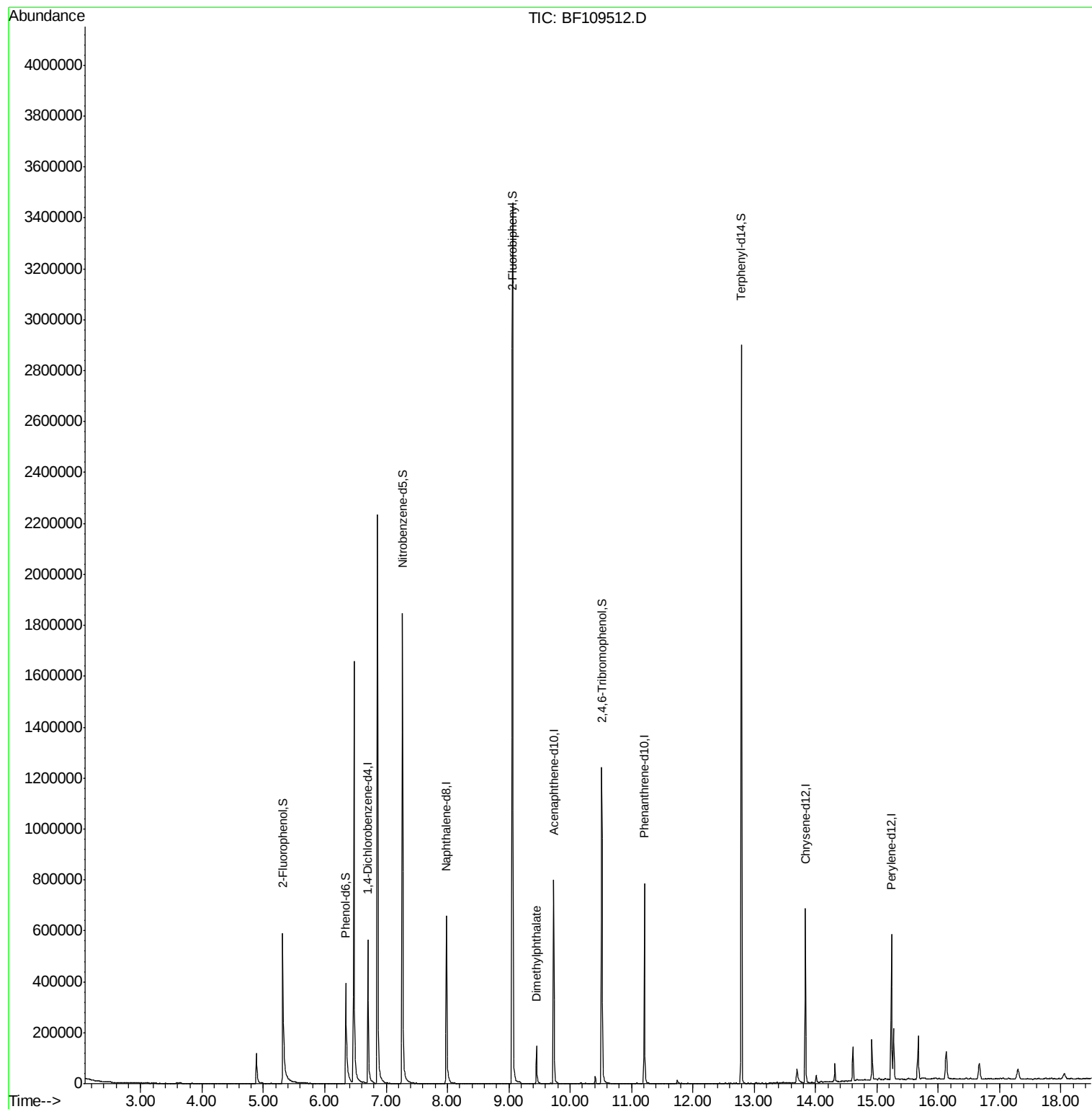
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104800	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	386533	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	172579	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	297023	20.00	ng	0.00
75) Chrysene-d12	13.83	240	248413	20.00	ng	-0.01
86) Perylene-d12	15.24	264	261337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	269855	42.41	ng	0.00
7) Phenol-d6	6.35	99	219372	27.02	ng	-0.01
23) Nitrobenzene-d5	7.27	82	704427	107.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	165818	97.47	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1191137	104.10	ng	-0.01
78) Terphenyl-d14	12.79	244	1026407	101.40	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	70083	5.583	ng	Qvalue 100

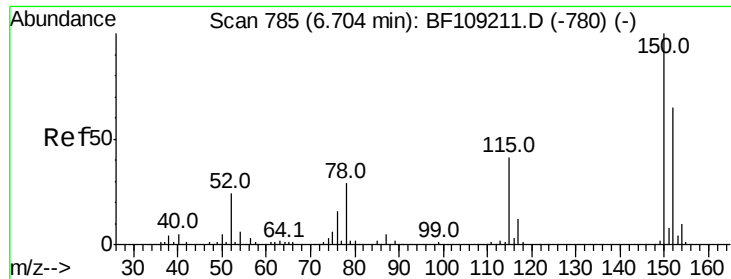
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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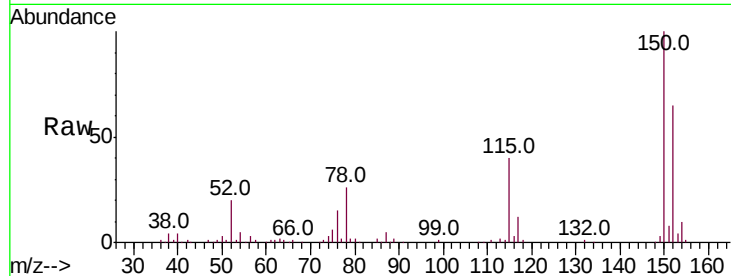


#1

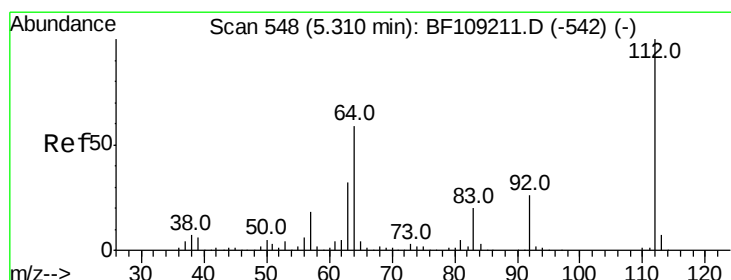
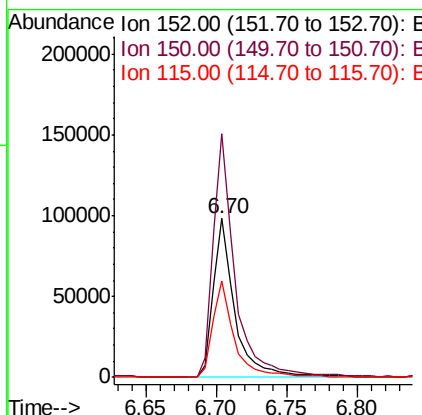
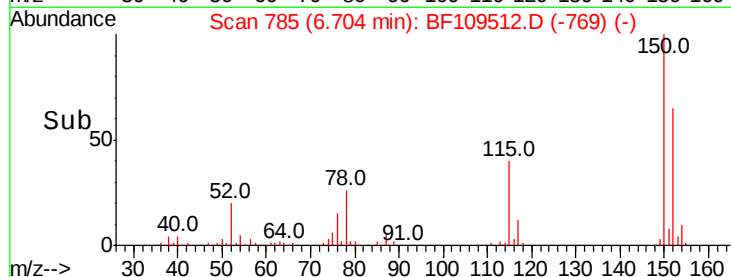
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109512.D
Acq: 2 Oct 2018 20:00

Instrument :
BNA_F
ClientSampleId :
092718-DBRI-F-U-S

Tot Ion:152 Resp: 104800
Ion Ratio Lower Upper
152 100
150 153.2 124.6 186.8
115 60.8 50.1 75.1



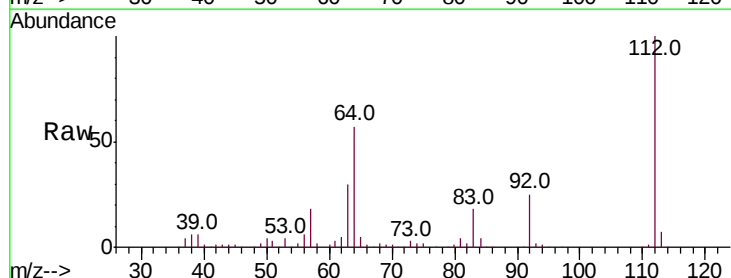
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



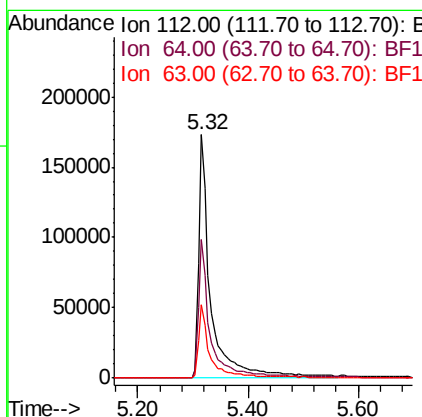
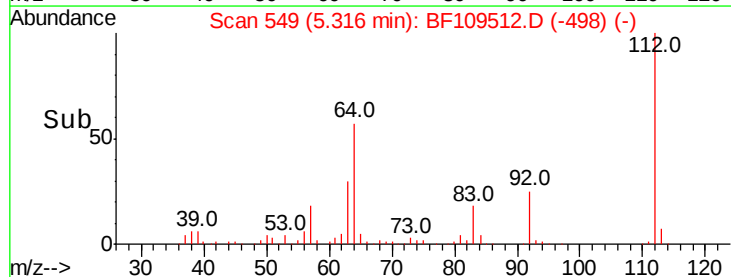
#5

2-Fluorophenol
Concen: 42.411 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109512.D
Acq: 2 Oct 2018 20:00

Tgt Ion:112 Resp: 269855
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 30.1 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: 27.019 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109512.D

Acq: 2 Oct 2018 20:00

Instrument :

BNA_F

ClientSampleId :

092718-DBRI-F-U-S

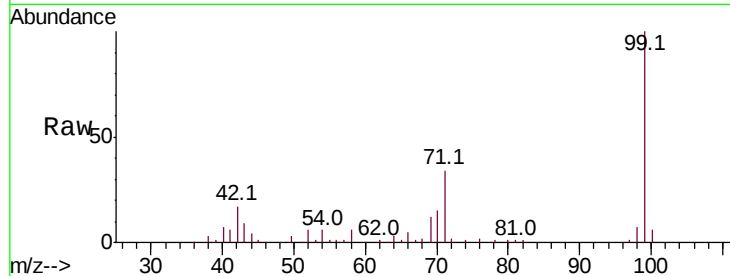
Tot Ion: 99 Resp: 219372

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

71 34.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
200000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

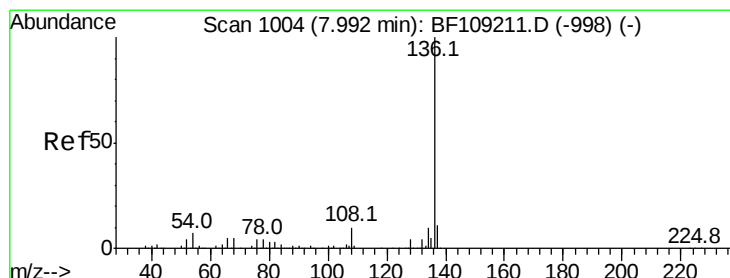
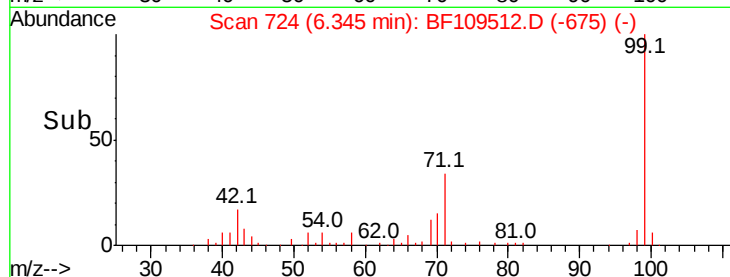
150000

100000

50000

0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109512.D

Acq: 2 Oct 2018 20:00

Tgt Ion: 136 Resp: 386533

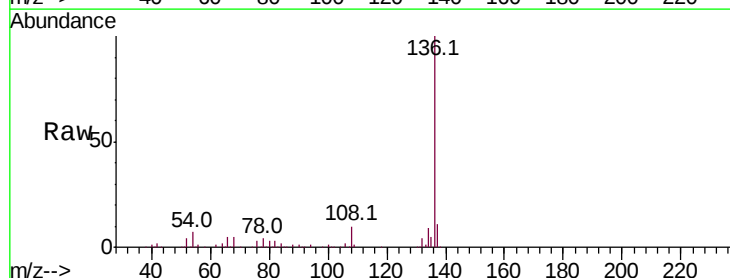
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.6 6.6 9.8

68 5.2 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
500000
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

400000

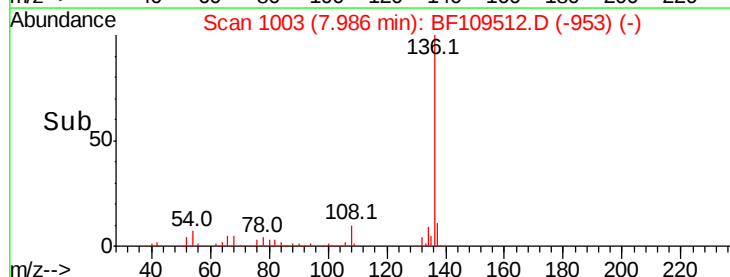
300000

200000

100000

0

Time-->

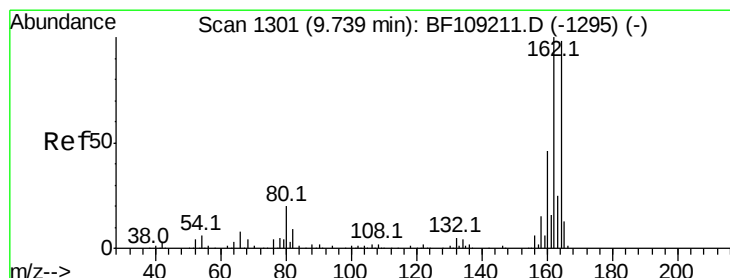
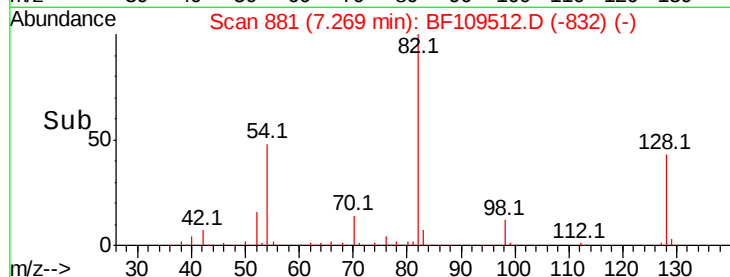
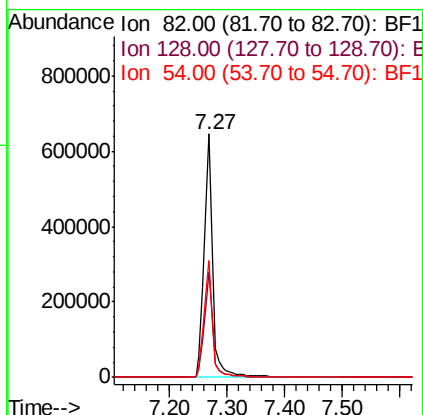
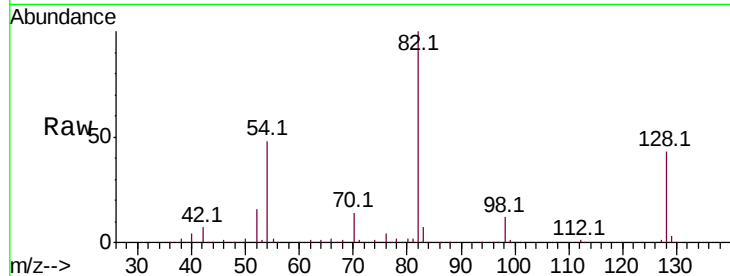




#23
Nitrobenzene-d5
Concen: 107.580 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109512.D
Acq: 2 Oct 2018 20:00

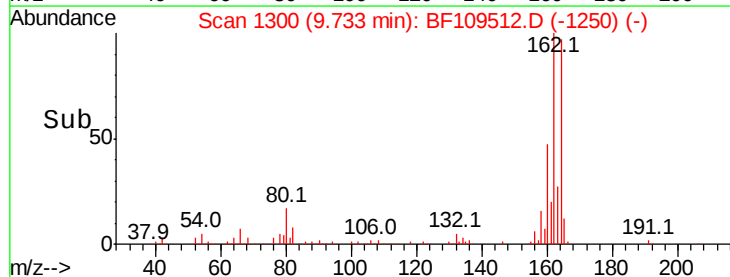
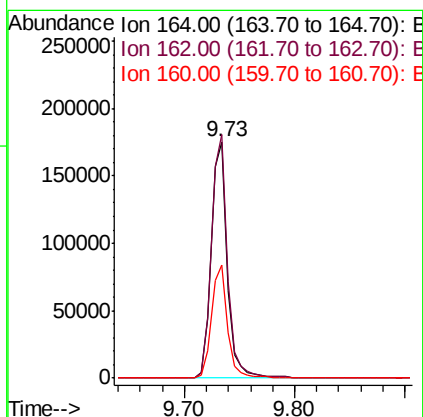
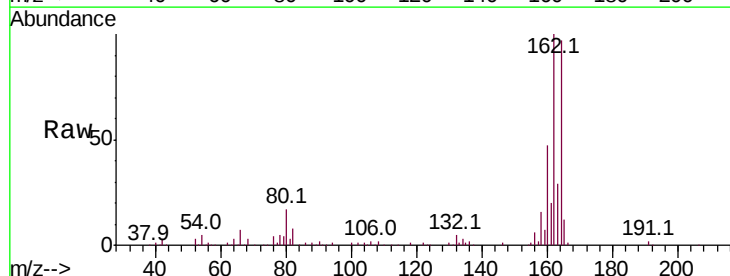
Instrument :
BNA_F
ClientSampleId :
092718-DBRI-F-U-S

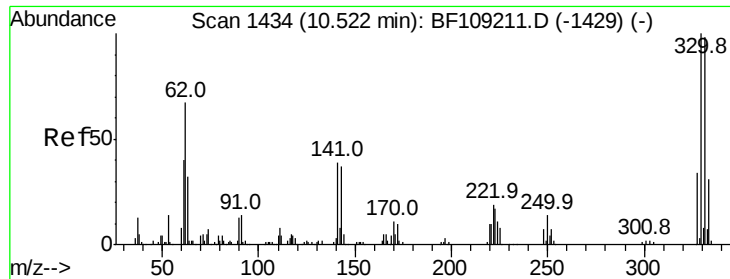
Tot Ion: 82 Resp: 704427
Ion Ratio Lower Upper
82 100
128 43.3 36.1 54.1
54 48.1 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109512.D
Acq: 2 Oct 2018 20:00

Tgt Ion:164 Resp: 172579
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 48.0 38.3 57.5

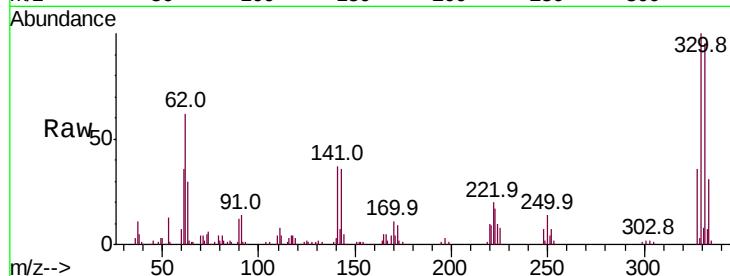




#41
 2,4,6-Tribromophenol
 Concen: 97.467 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109512.D
 Acq: 2 Oct 2018 20:00

Instrument :
 BNA_F
 ClientSampleId :
 092718-DBRI-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.3	29.9	44.9

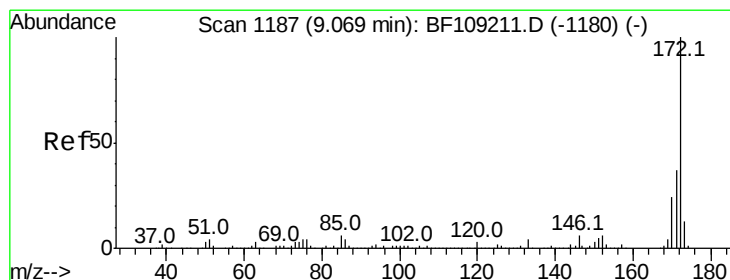
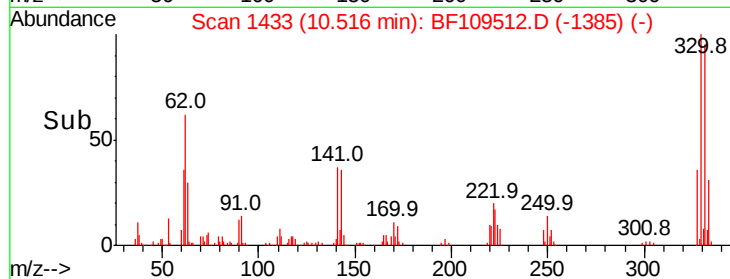
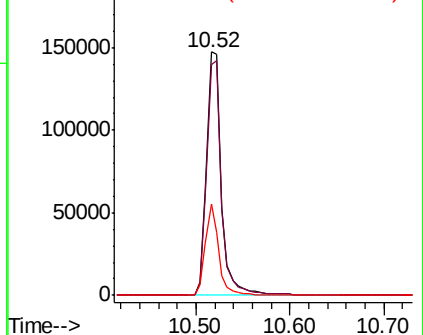


Abundance

Ion 329.80 (329.50 to 330.50): E

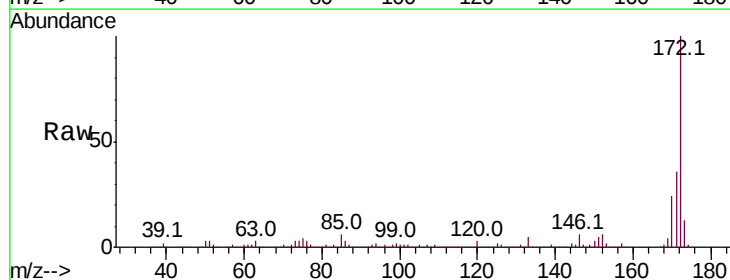
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.095 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109512.D
 Acq: 2 Oct 2018 20:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.9	19.6	29.4

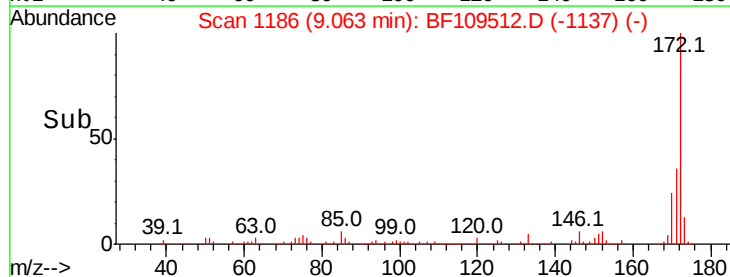
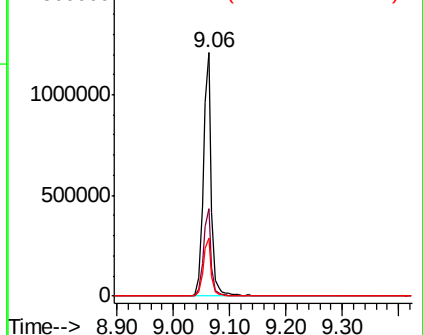


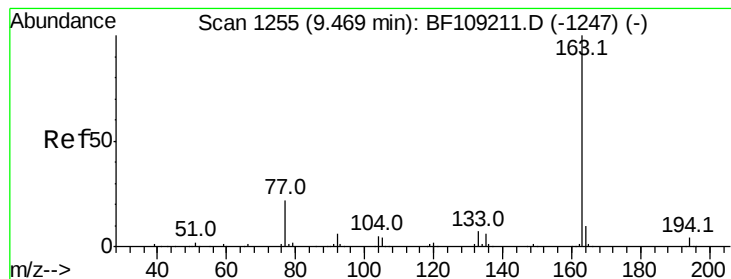
Abundance

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: 5.583 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.03 min

Lab File: BF109512.D

Acq: 2 Oct 2018 20:00

Instrument :

BNA_F

ClientSampleId :

092718-DBRI-F-U-S

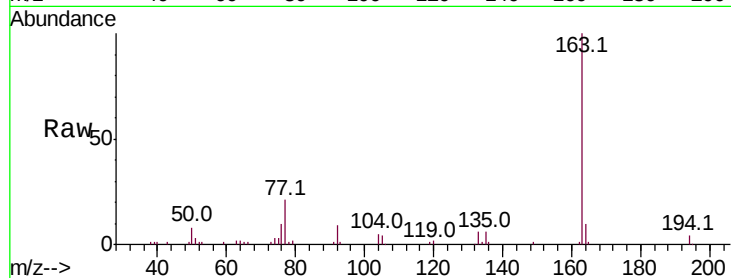
Tot Ion:163 Resp: 70083

Ion Ratio Lower Upper

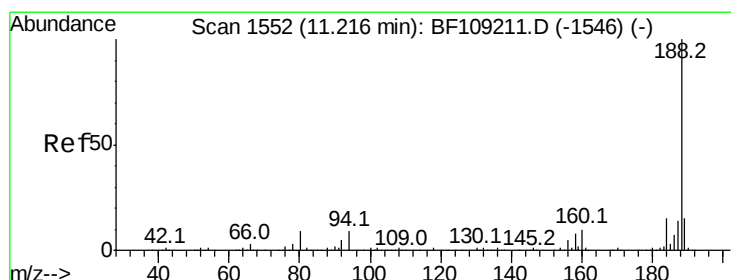
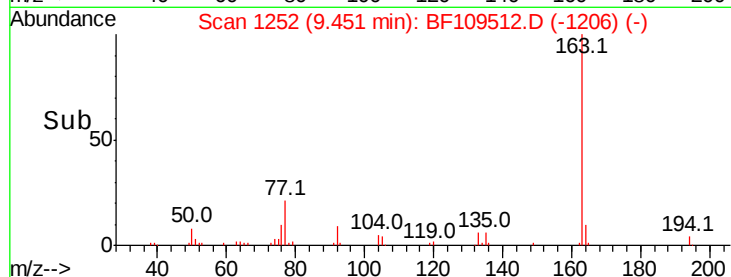
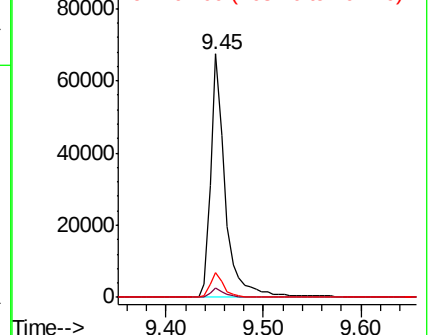
163 100

194 3.6 2.7 4.1

164 10.1 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: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF109512.D

Acq: 2 Oct 2018 20:00

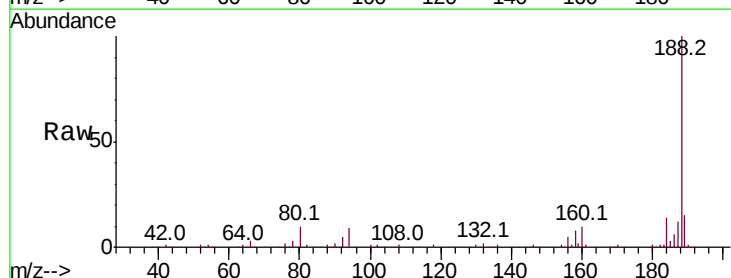
Tgt Ion:188 Resp: 297023

Ion Ratio Lower Upper

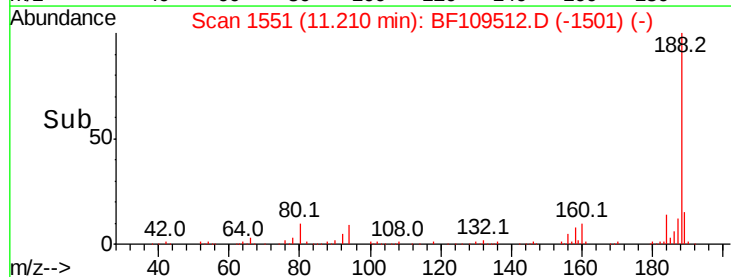
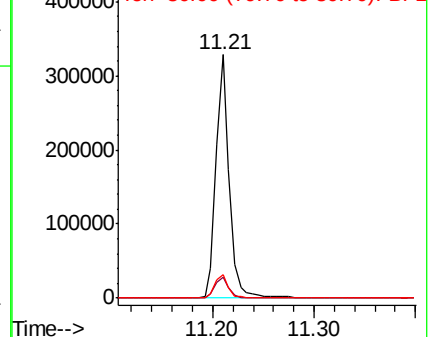
188 100

94 8.7 8.5 12.7

80 9.5 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: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109512.D

Acq: 2 Oct 2018 20:00

Instrument :

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ClientSampleId :

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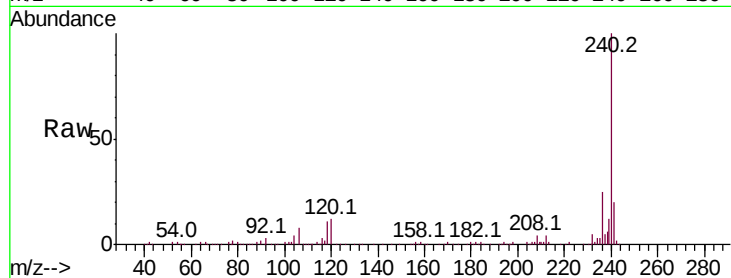
Tot Ion:240 Resp: 248413

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

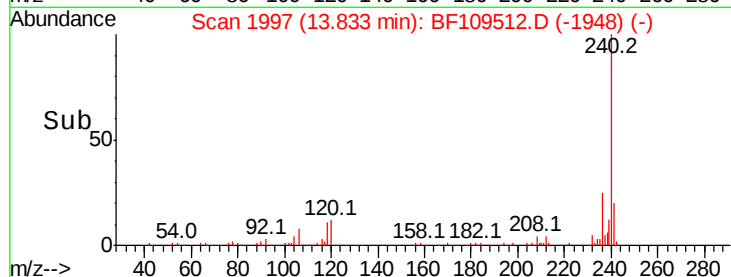
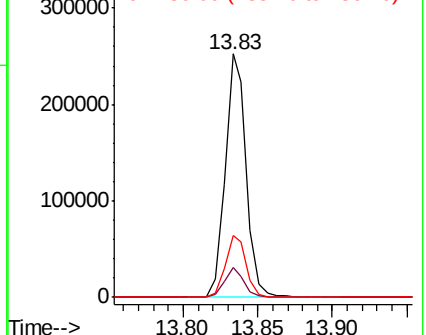
236 25.4 20.7 31.1



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: 101.403 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109512.D

Acq: 2 Oct 2018 20:00

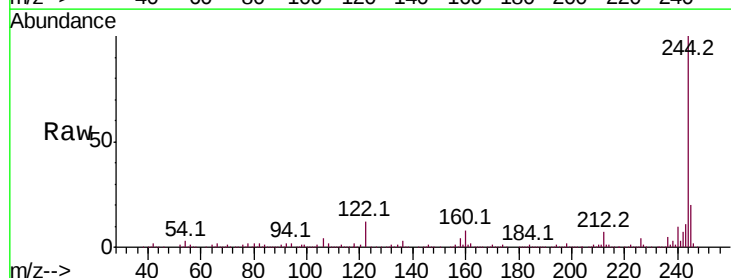
Tgt Ion:244 Resp: 1026407

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

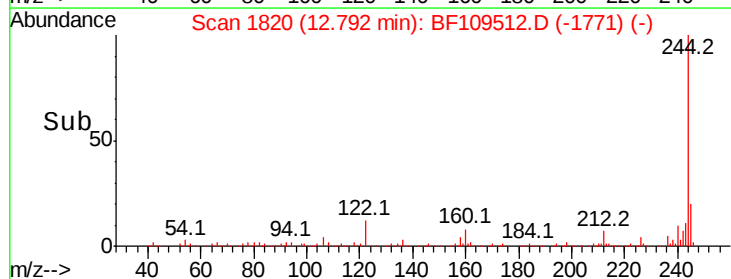
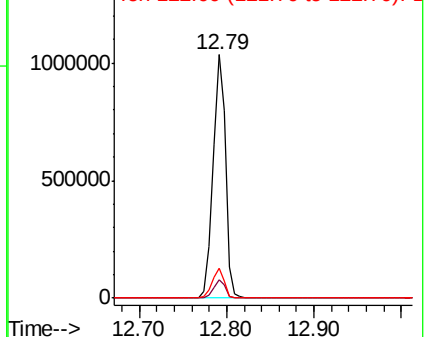
122 12.3 11.0 16.4

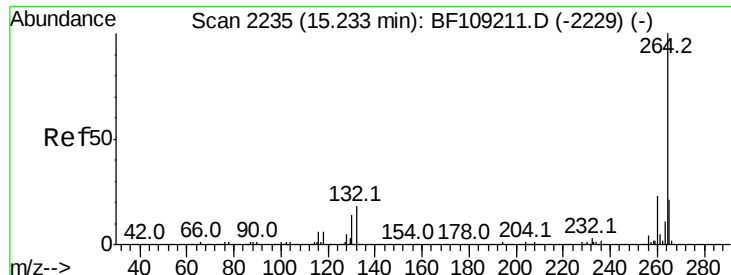


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109512.D
Acq: 2 Oct 2018 20:00

Instrument :
BNA_F
ClientSampleId :
092718-DBRI-F-U-S

Tot Ion:	264	Resp:	261337
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.1	17.5	26.3

