

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109537.D
 Acq On : 3 Oct 2018 8:00
 Operator : JU/SJ
 Sample : J5187-16
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092818-DBRI-F-U-S

Quant Time: Oct 03 09:28:48 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

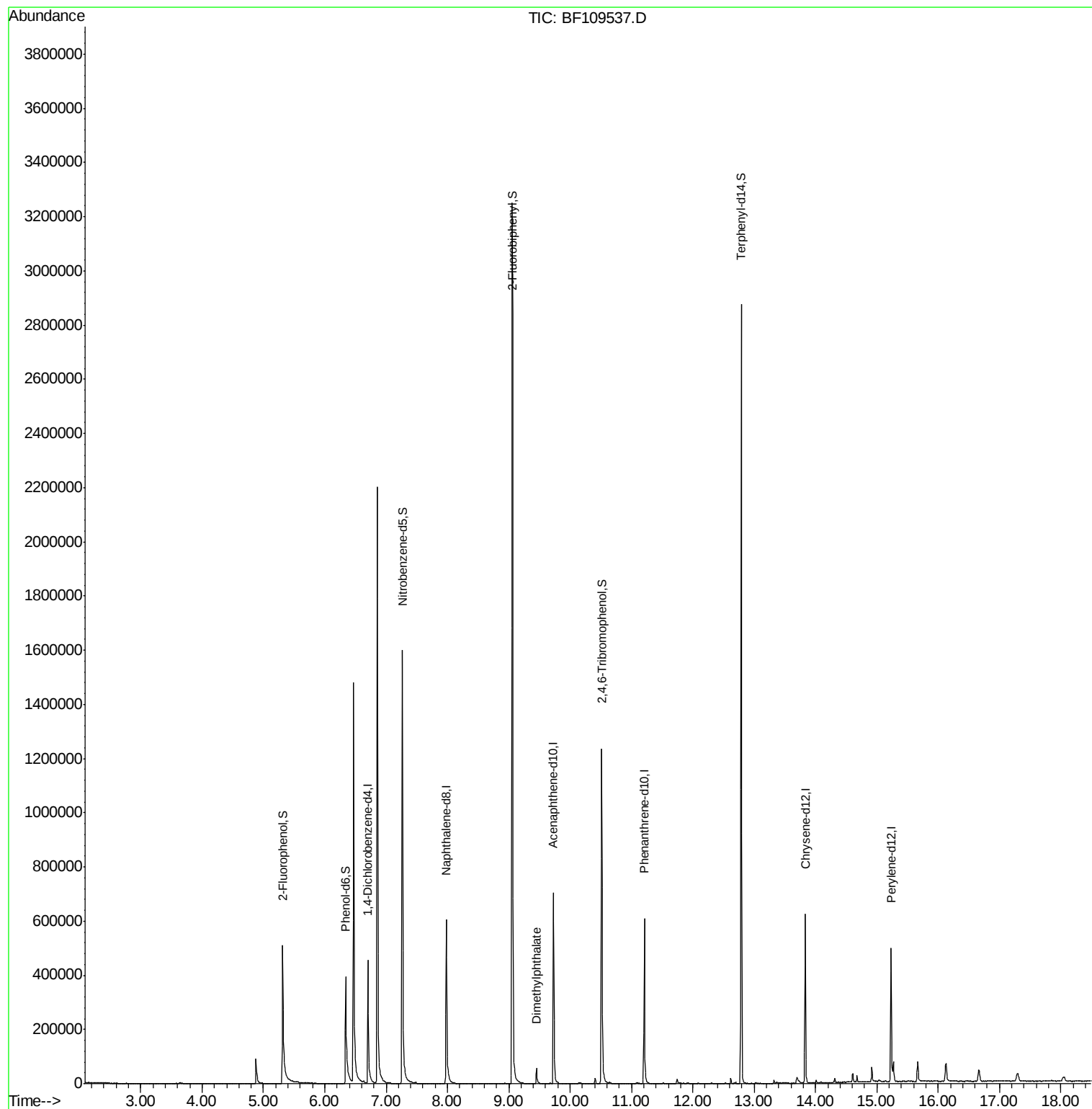
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	94965	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	356399	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	160228	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	277777	20.00	ng	0.00
75) Chrysene-d12	13.83	240	223256	20.00	ng	-0.01
86) Perylene-d12	15.23	264	238556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	247066	42.85	ng	0.00
7) Phenol-d6	6.34	99	209366	28.46	ng	-0.02
23) Nitrobenzene-d5	7.27	82	678300	112.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	168686	106.80	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1193189	112.31	ng	-0.02
78) Terphenyl-d14	12.79	244	999851	109.91	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	35159	3.017	ng	Qvalue 100

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

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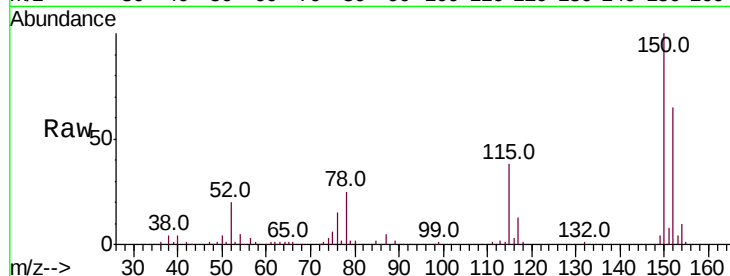


#1

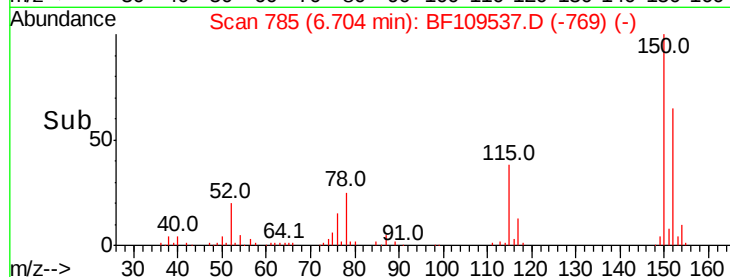
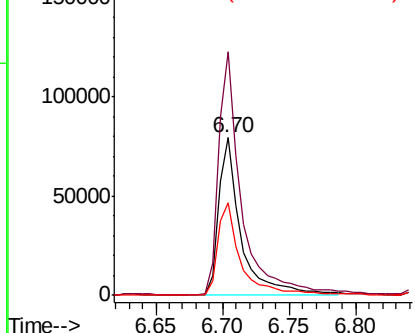
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109537.D
Acq: 3 Oct 2018 8:00

Instrument :
BNA_F
ClientSampleId :
092818-DBRI-F-U-S

Tot Ion:152 Resp: 94965
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 58.8 50.1 75.1



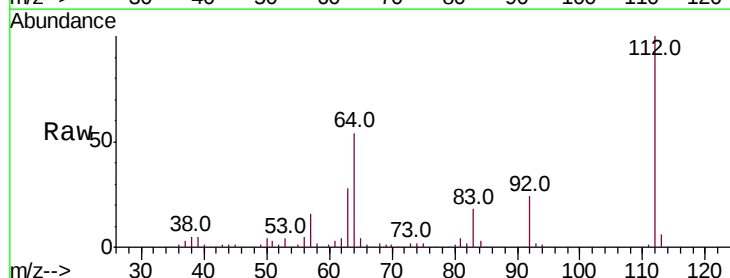
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



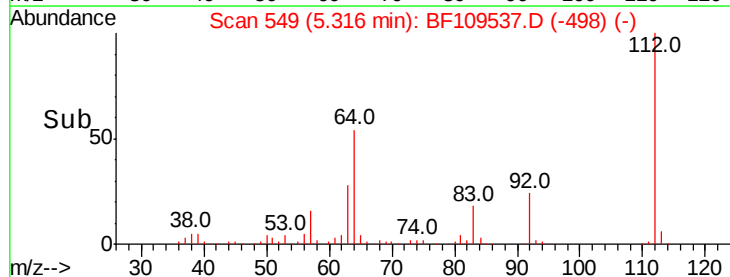
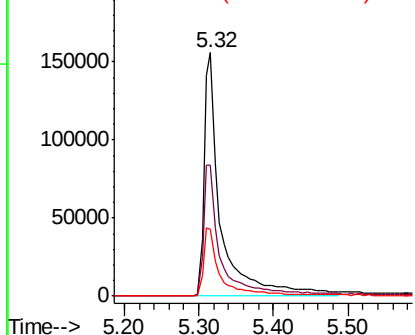
#5

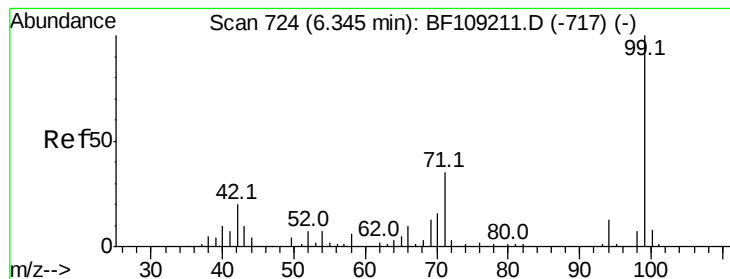
2-Fluorophenol
Concen: 42.851 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109537.D
Acq: 3 Oct 2018 8:00

Tgt Ion:112 Resp: 247066
Ion Ratio Lower Upper
112 100
64 54.0 47.9 71.9
63 27.7 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: 28.457 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109537.D

Acq: 3 Oct 2018 8:00

Instrument :

BNA_F

ClientSampleId :

092818-DBRI-F-U-S

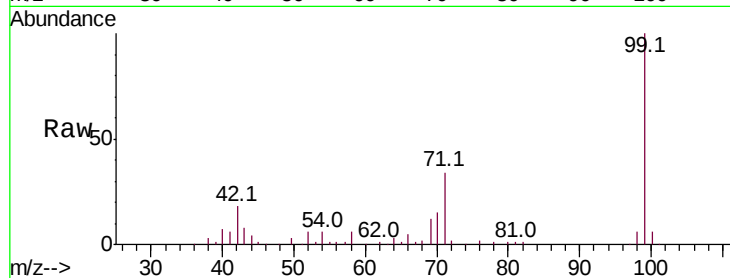
Tot Ion: 99 Resp: 209366

Ion Ratio Lower Upper

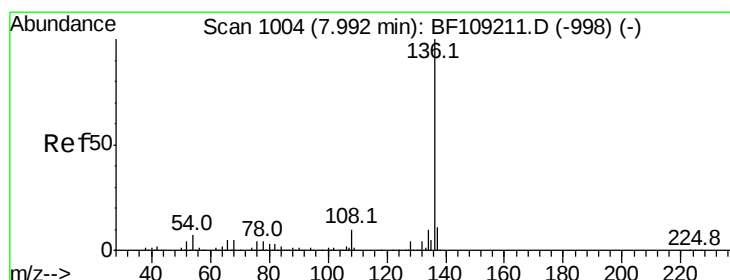
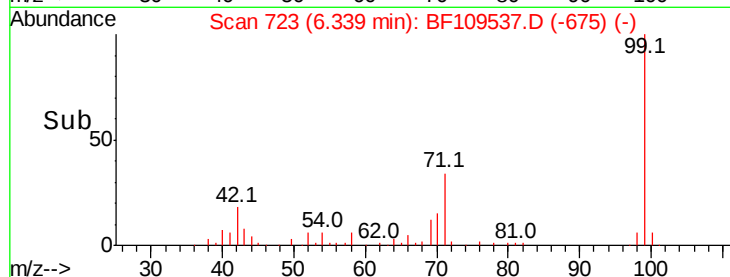
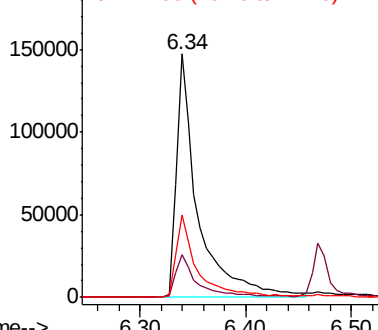
99 100

42 17.5 14.5 21.7

71 33.7 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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109537.D

Acq: 3 Oct 2018 8:00

Tgt Ion: 136 Resp: 356399

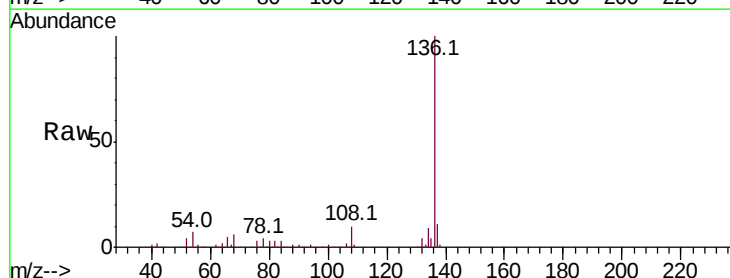
Ion Ratio Lower Upper

136 100

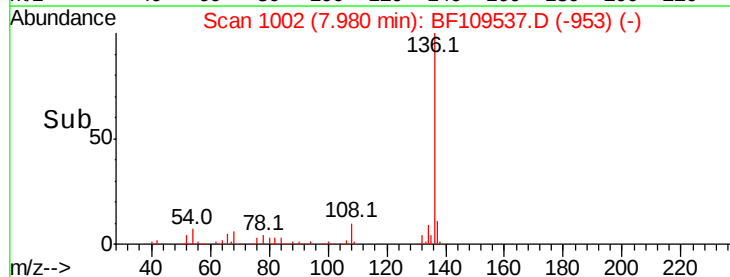
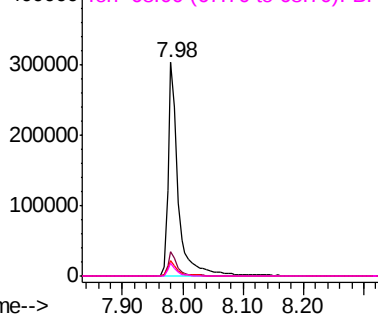
137 11.1 8.9 13.3

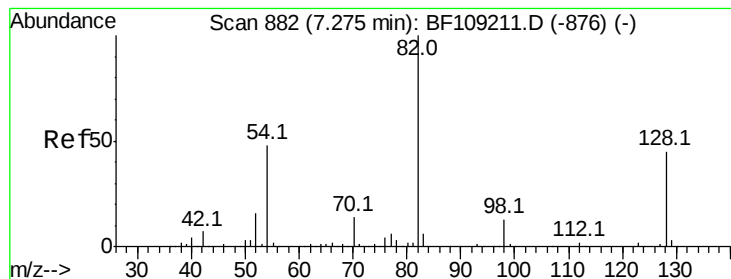
54 7.0 6.6 9.8

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: 112.349 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109537.D

Acq: 3 Oct 2018 8:00

Instrument :

BNA_F

ClientSampleId :

092818-DBRI-F-U-S

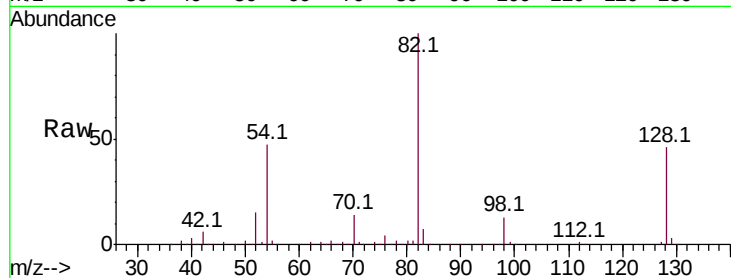
Tot Ion: 82 Resp: 678300

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

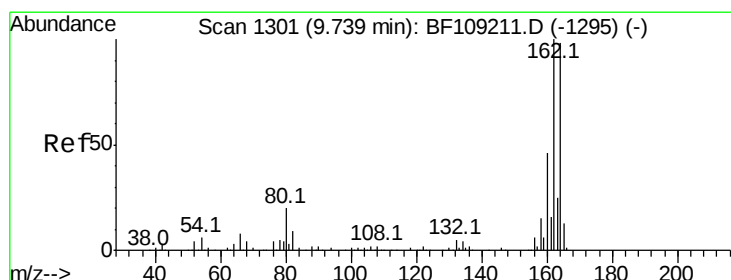
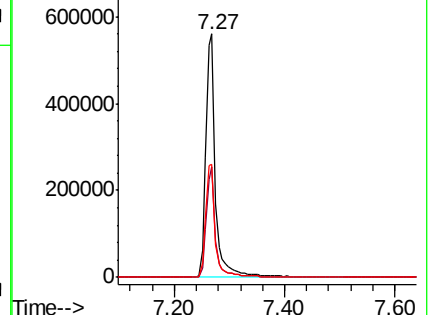
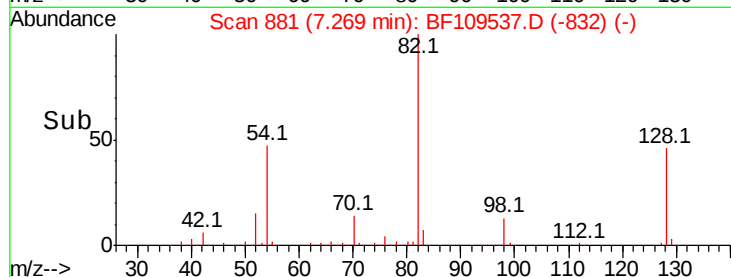
54 46.5 41.4 62.2



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: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF109537.D

Acq: 3 Oct 2018 8:00

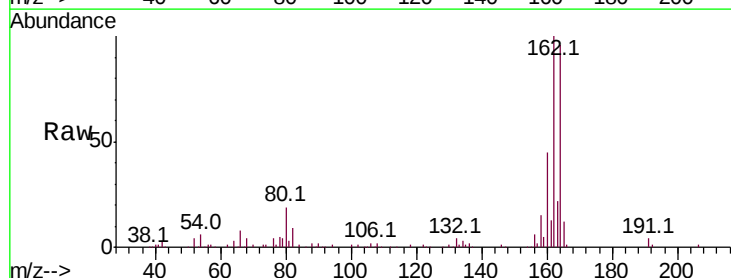
Tgt Ion:164 Resp: 160228

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

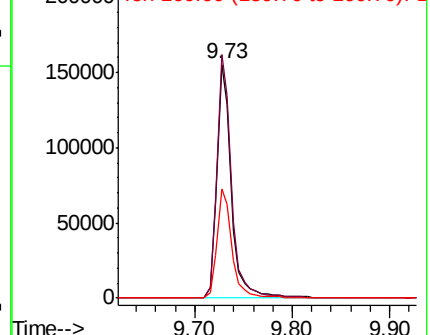
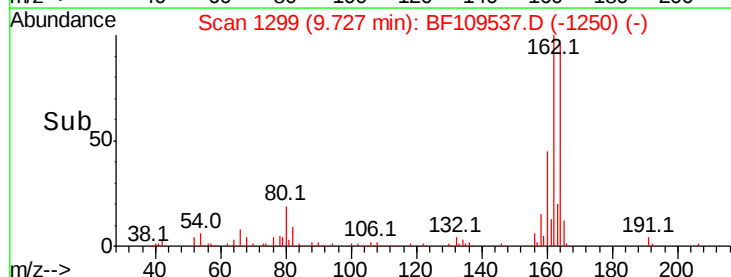
160 46.7 38.3 57.5



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: 106.796 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF109537.D

Acq: 3 Oct 2018 8:00

Instrument :

BNA_F

ClientSampleId :

092818-DBRI-F-U-S

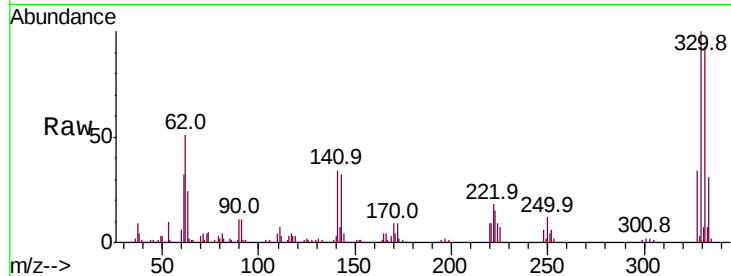
Tot Ion:330 Resp: 168686

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

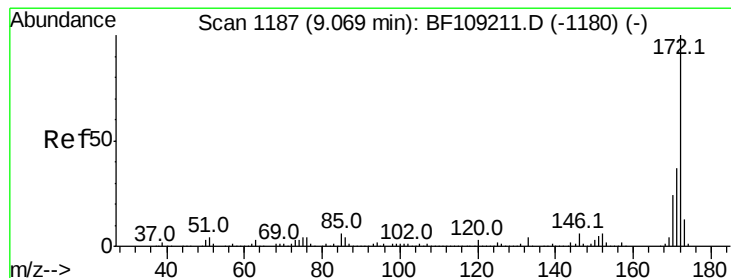
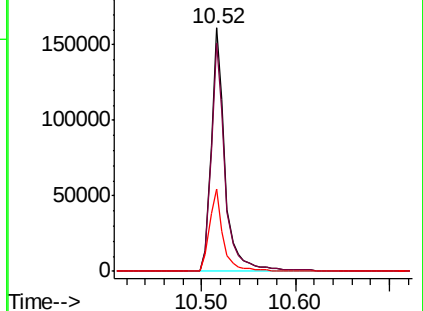
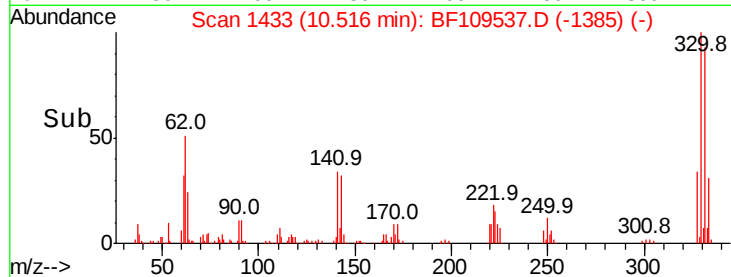
141 33.6 29.9 44.9



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: 112.312 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF109537.D

Acq: 3 Oct 2018 8:00

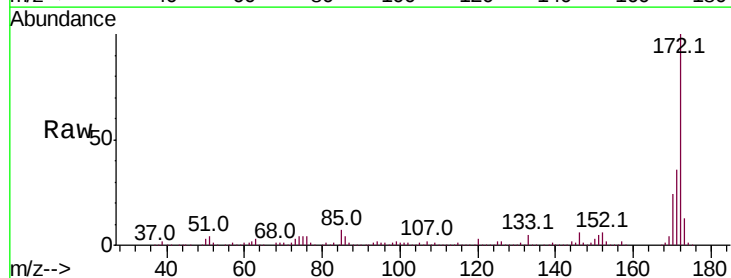
Tgt Ion:172 Resp: 1193189

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

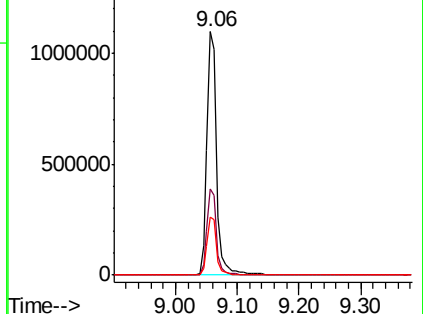
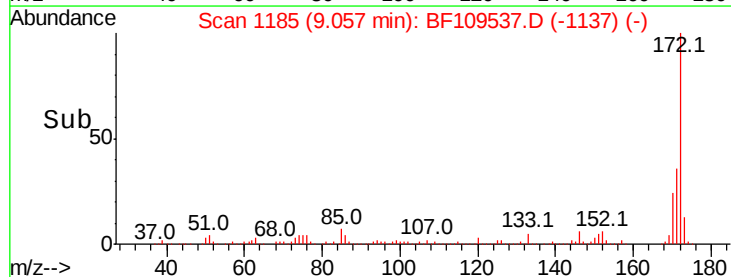
170 24.0 19.6 29.4

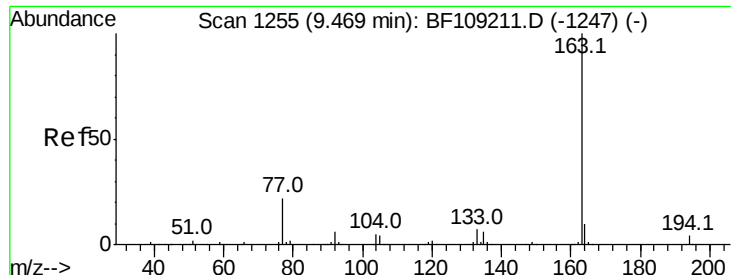


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

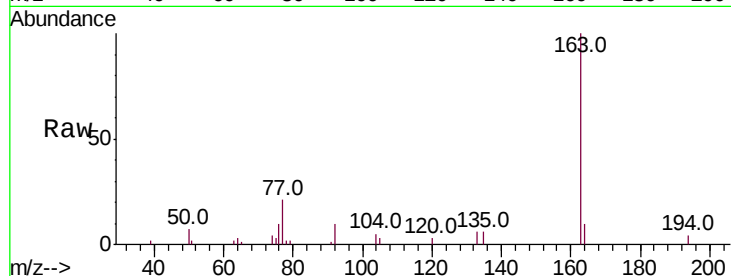




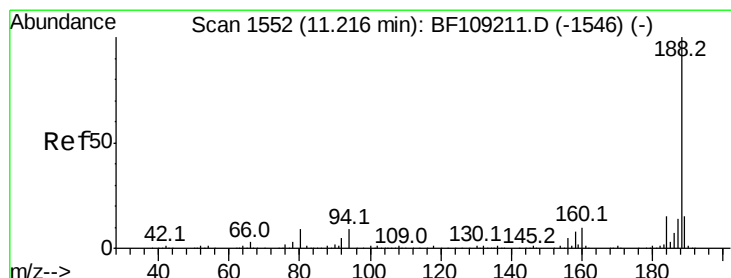
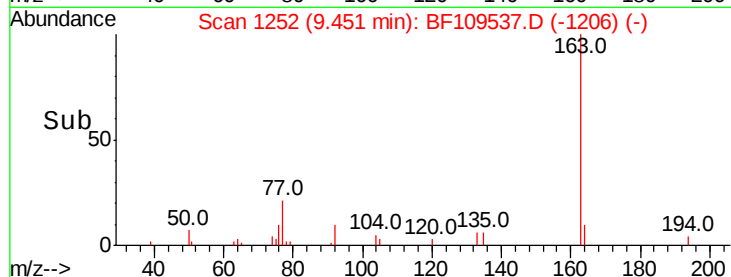
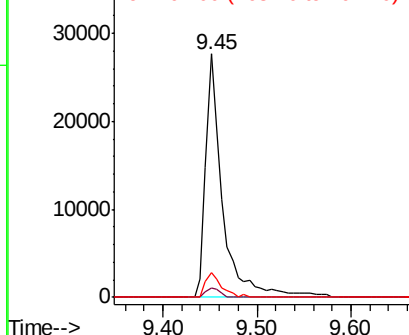
#49
Dimethylphthalate
Concen: 3.017 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109537.D
Acq: 3 Oct 2018 8:00

Instrument :
BNA_F
ClientSampleId :
092818-DBRI-F-U-S

Tot Ion:163 Resp: 35159
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.2 8.2 12.2

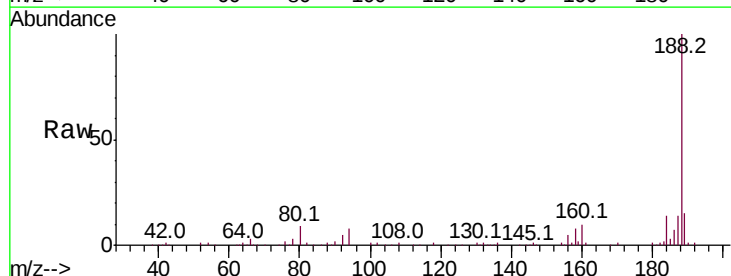


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

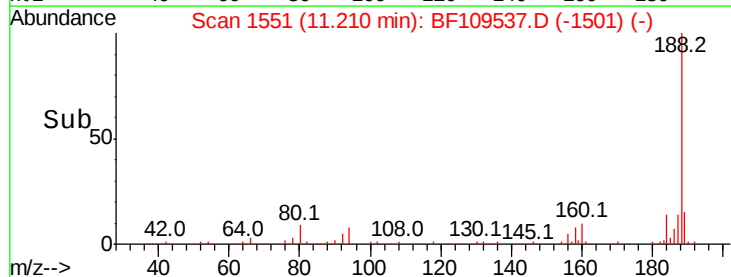
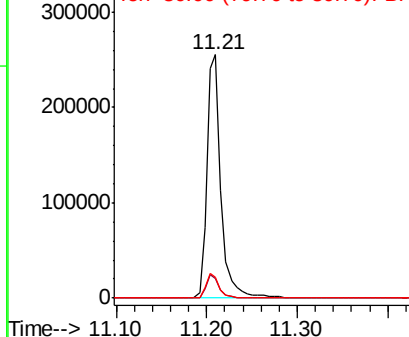


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109537.D
Acq: 3 Oct 2018 8:00

Tgt Ion:188 Resp: 277777
Ion Ratio Lower Upper
188 100
94 8.1 8.5 12.7#
80 8.8 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: BF109537.D

Acq: 3 Oct 2018 8:00

Instrument :

BNA_F

ClientSampleId :

092818-DBRI-F-U-S

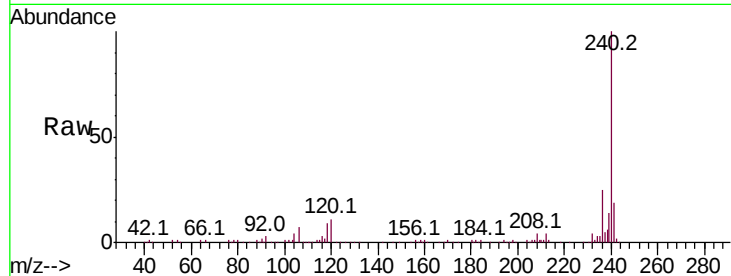
Tot Ion:240 Resp: 223256

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

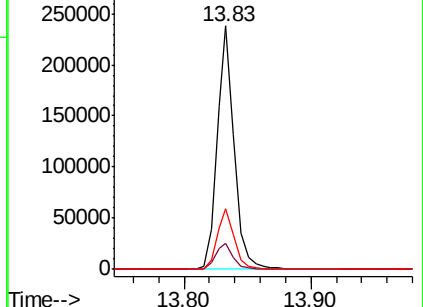
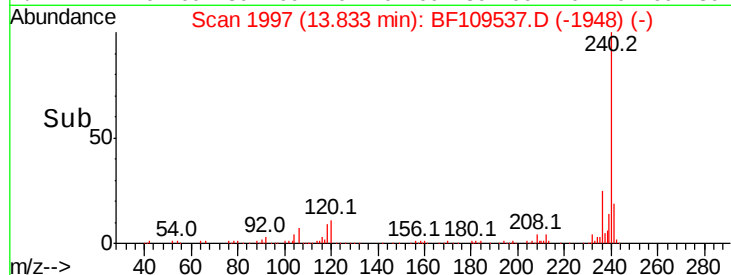
236 25.0 20.7 31.1



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: 109.910 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109537.D

Acq: 3 Oct 2018 8:00

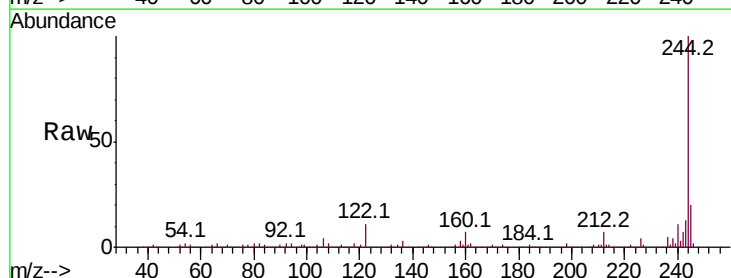
Tgt Ion:244 Resp: 999851

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

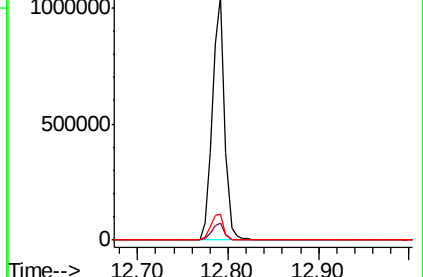
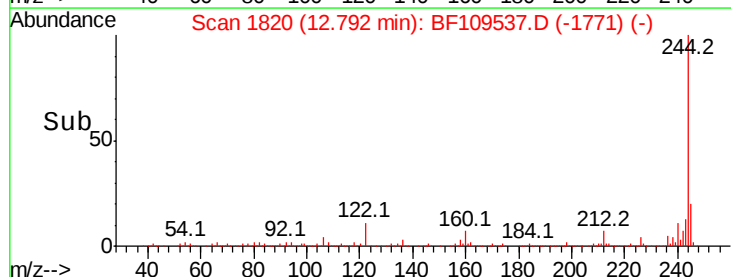
122 10.8 11.0 16.4#

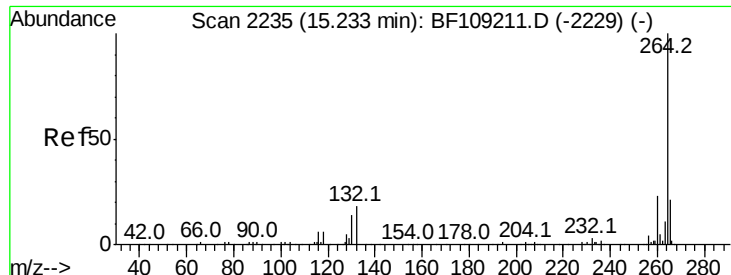


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF109537.D
 Acq: 3 Oct 2018 8:00

Instrument :
 BNA_F
 ClientSampleId :
 092818-DBRI-F-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.5	17.5	26.3

