

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109509.D
 Acq On : 2 Oct 2018 18:41
 Operator : JU/SJ
 Sample : J5186-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092718-DBRI-F-D-B

Quant Time: Oct 03 04:23:33 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

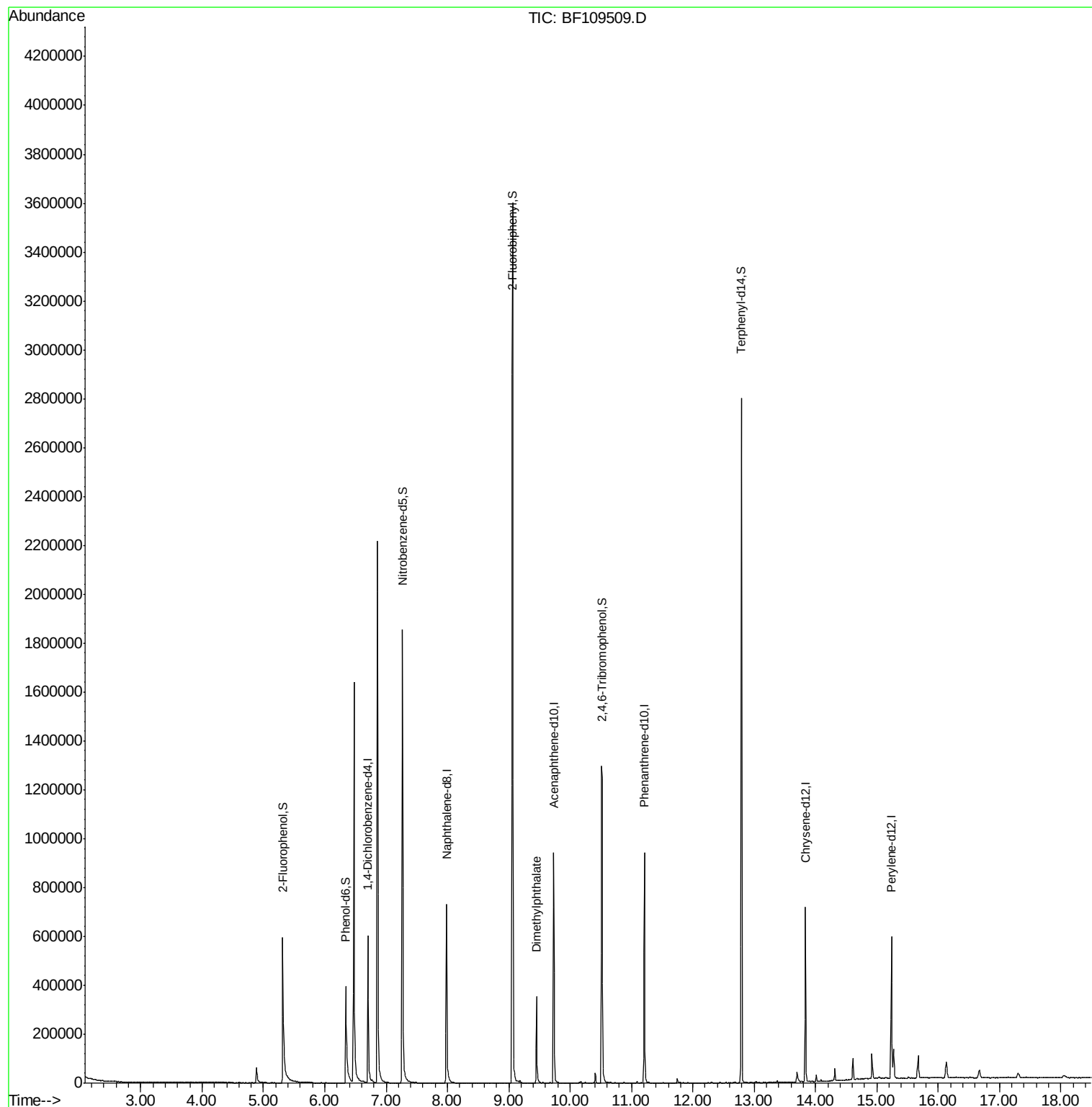
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	107170	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	411478	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	190356	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	342192	20.00	ng	0.00
75) Chrysene-d12	13.83	240	258014	20.00	ng	-0.01
86) Perylene-d12	15.24	264	265218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	270376	41.55	ng	0.00
7) Phenol-d6	6.35	99	212722	25.62	ng	-0.01
23) Nitrobenzene-d5	7.27	82	696813	99.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	177831	94.77	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1202657	95.29	ng	-0.01
78) Terphenyl-d14	12.79	244	1063801	101.19	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	152306	11.001	ng	99

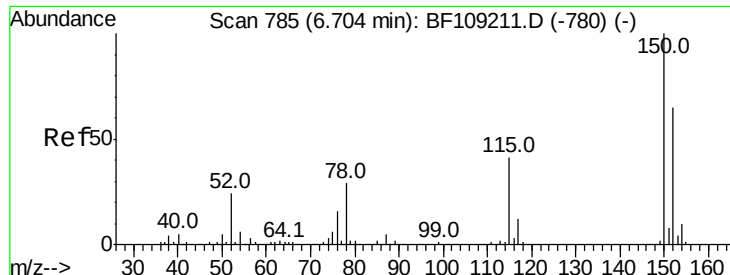
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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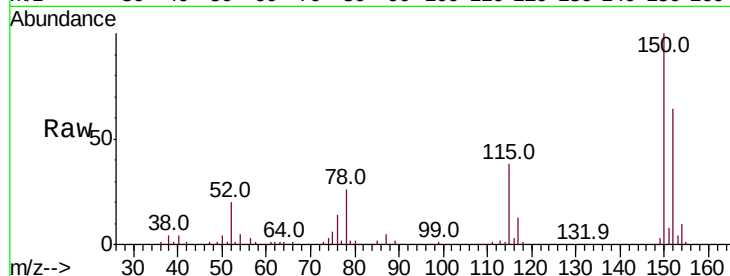


#1

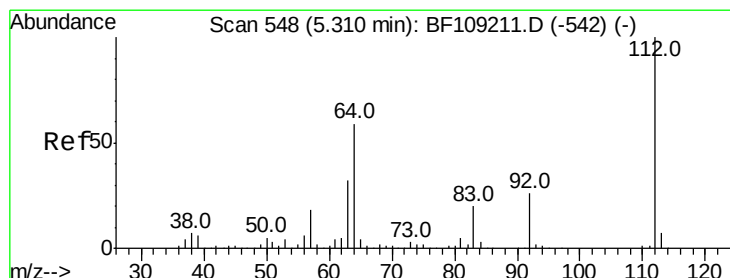
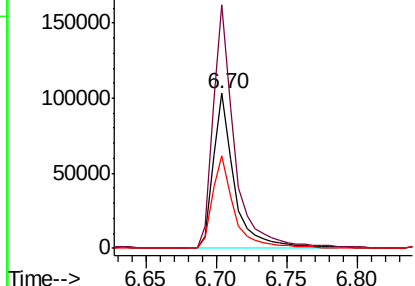
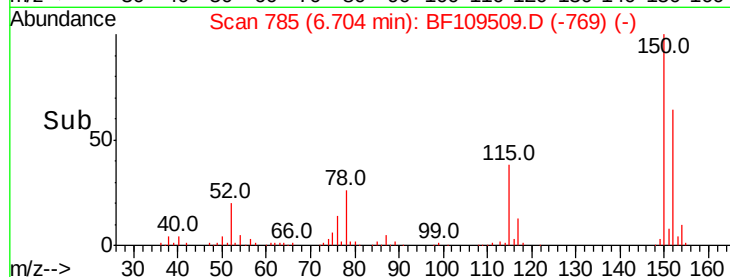
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109509.D
Acq: 2 Oct 2018 18:41

Instrument :
BNA_F
ClientSampleId :
092718-DBRI-F-D-B

Tot Ion:152 Resp: 107170
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 59.9 50.1 75.1



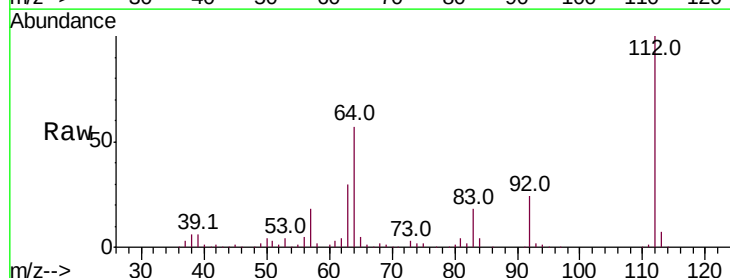
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



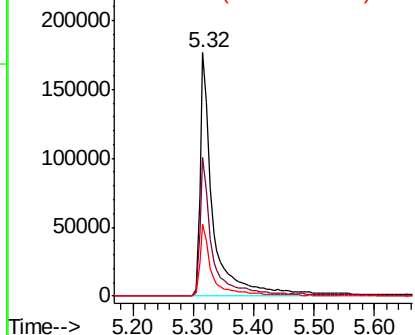
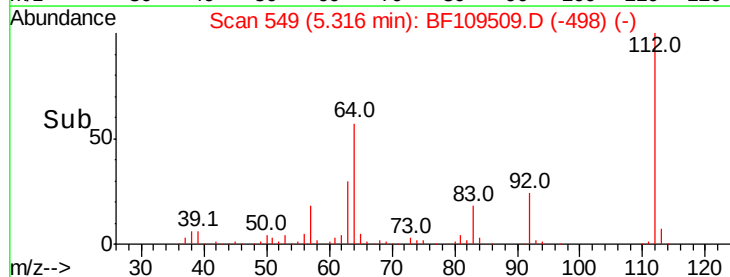
#5

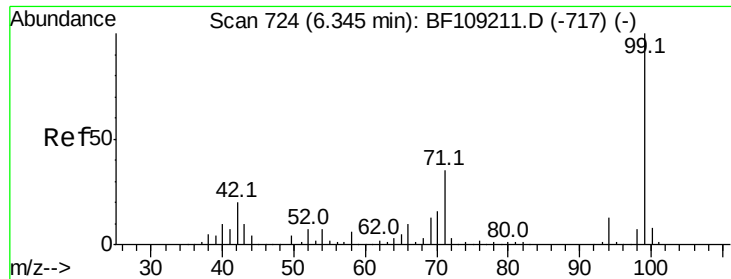
2-Fluorophenol
Concen: 41.554 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109509.D
Acq: 2 Oct 2018 18:41

Tgt Ion:112 Resp: 270376
Ion Ratio Lower Upper
112 100
64 57.0 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: 25.621 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109509.D

Acq: 2 Oct 2018 18:41

Instrument :

BNA_F

ClientSampleId :

092718-DBRI-F-D-B

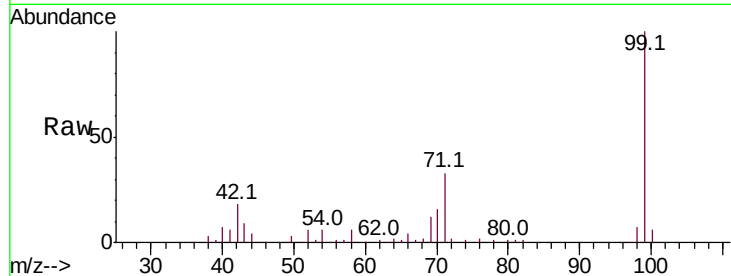
Tot Ion: 99 Resp: 212722

Ion Ratio Lower Upper

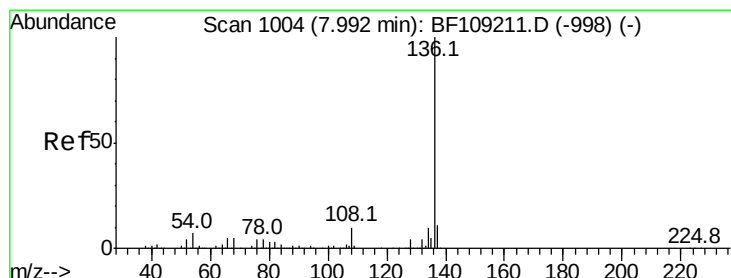
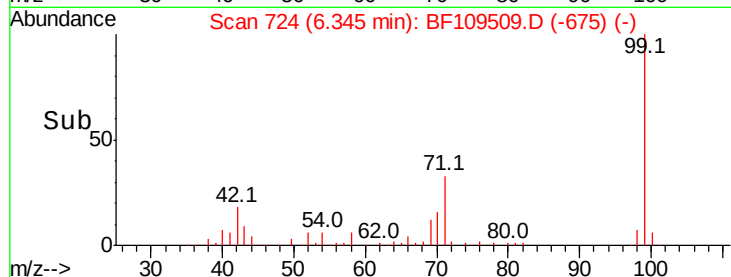
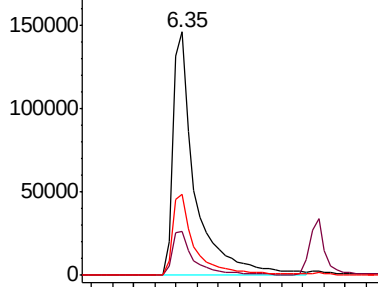
99 100

42 17.8 14.5 21.7

71 33.1 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109509.D

Acq: 2 Oct 2018 18:41

Tgt Ion: 136 Resp: 411478

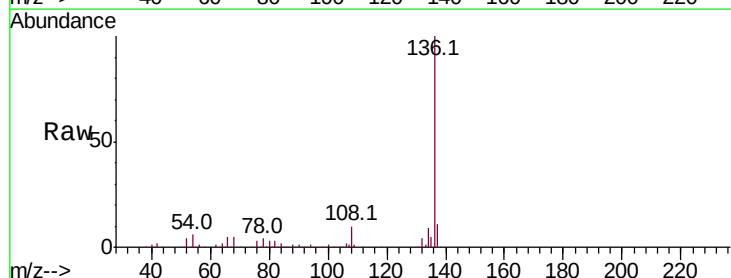
Ion Ratio Lower Upper

136 100

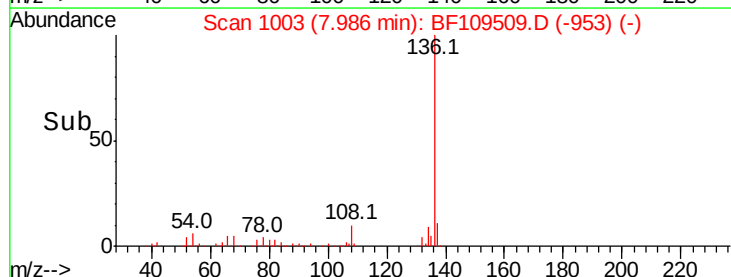
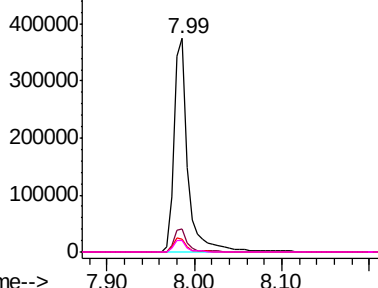
137 10.8 8.9 13.3

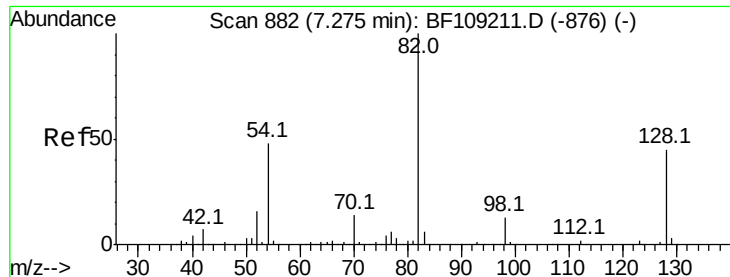
54 6.2 6.6 9.8#

68 5.3 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

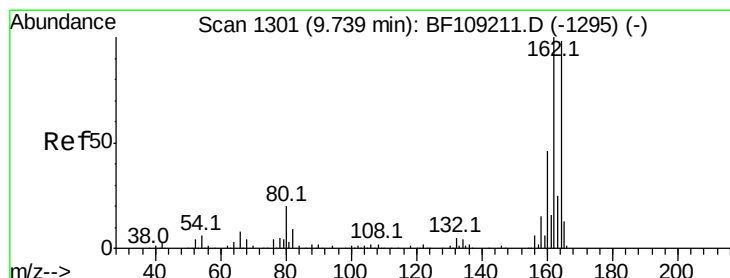
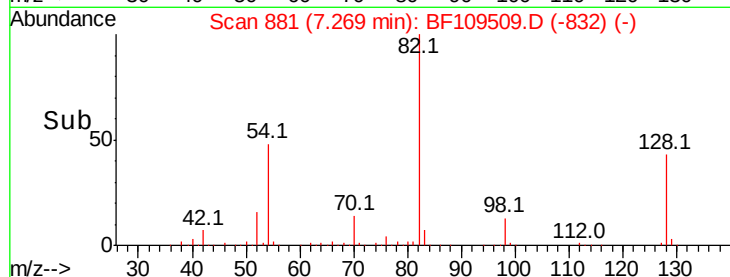
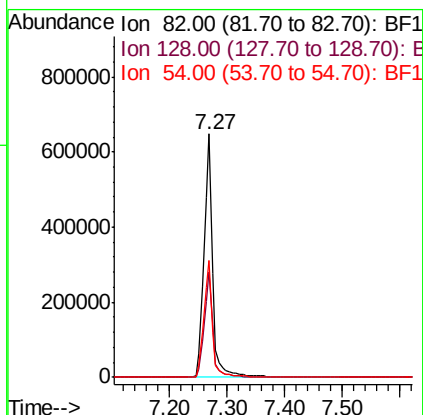
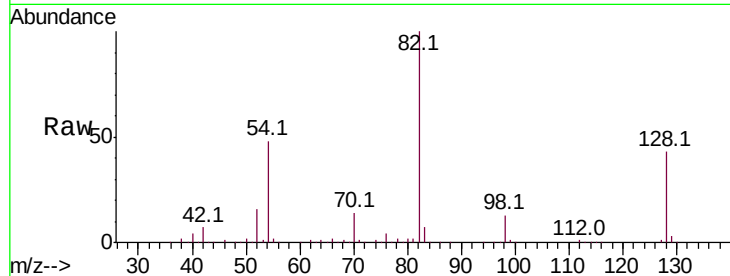




#23
Nitrobenzene-d5
Concen: 99.966 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109509.D
Acq: 2 Oct 2018 18:41

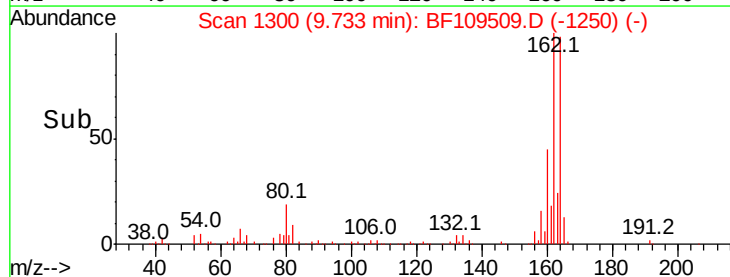
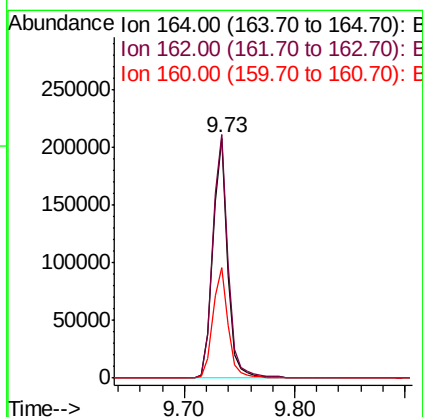
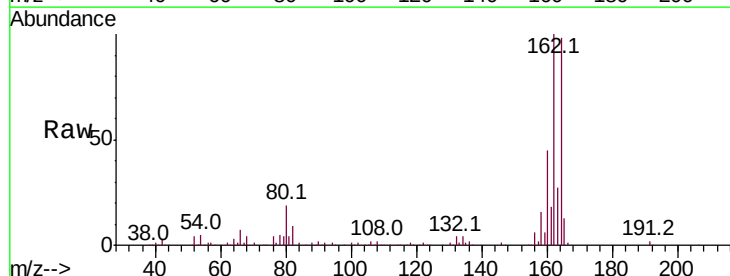
Instrument :
BNA_F
ClientSampleId :
092718-DBRI-F-D-B

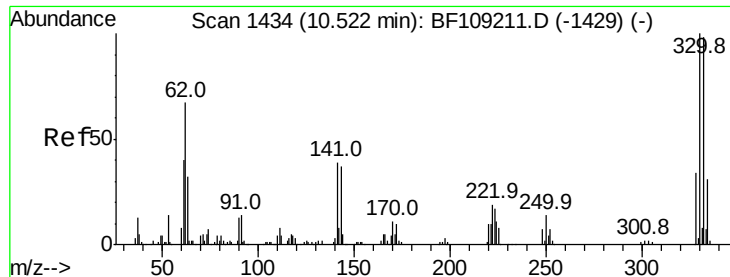
Tot Ion: 82 Resp: 696813
Ion Ratio Lower Upper
82 100
128 43.5 36.1 54.1
54 48.1 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109509.D
Acq: 2 Oct 2018 18:41

Tgt Ion:164 Resp: 190356
Ion Ratio Lower Upper
164 100
162 101.5 86.1 129.1
160 46.0 38.3 57.5

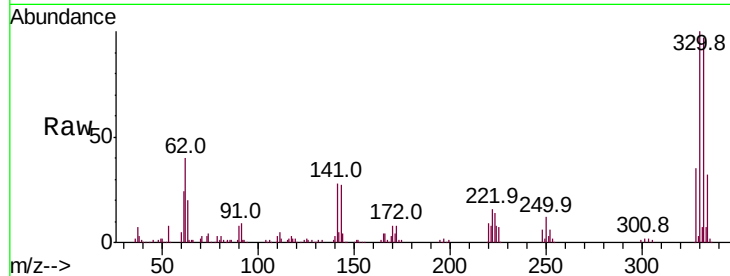




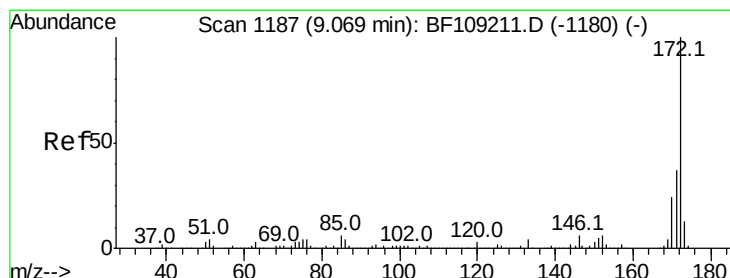
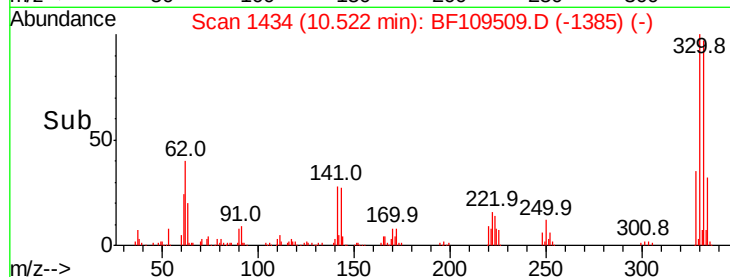
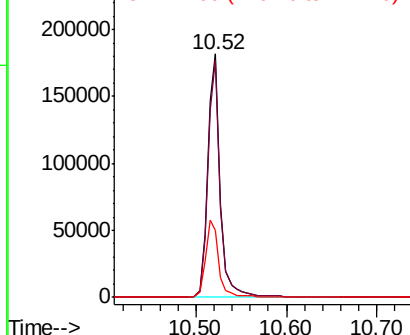
#41
 2,4,6-Tribromophenol
 Concen: 94.767 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109509.D
 Acq: 2 Oct 2018 18:41

Instrument :
 BNA_F
 ClientSampleId :
 092718-DBRI-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.4	29.9	44.9

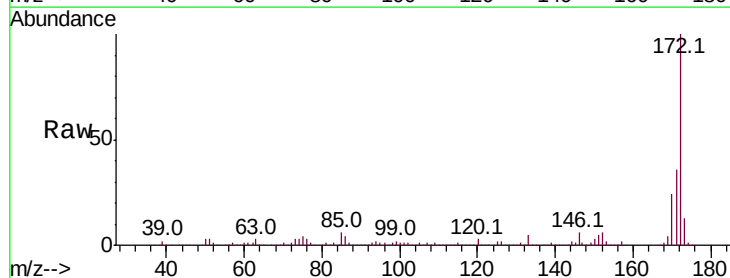


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

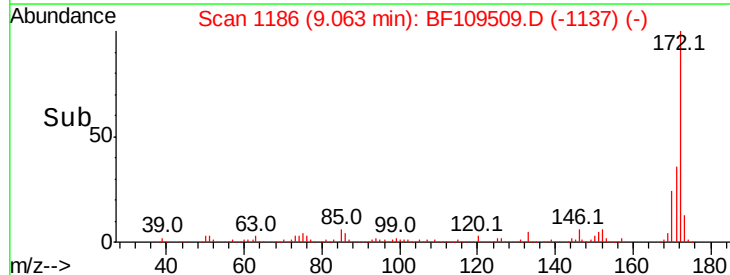
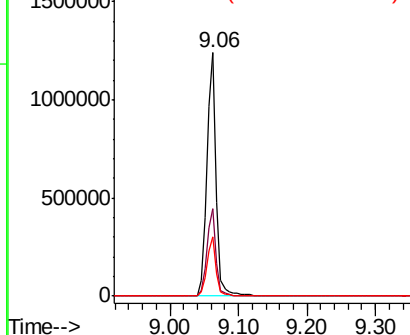


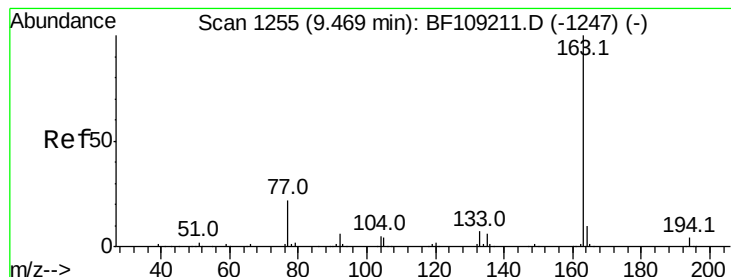
#44
 2-Fluorobiphenyl
 Concen: 95.287 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109509.D
 Acq: 2 Oct 2018 18:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.4	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: 11.001 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.03 min

Lab File: BF109509.D

Acq: 2 Oct 2018 18:41

Instrument :

BNA_F

ClientSampleId :

092718-DBRI-F-D-B

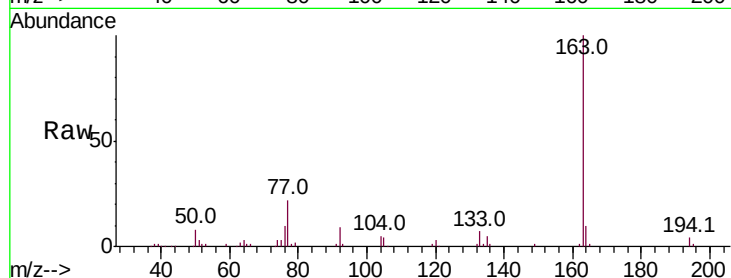
Tot Ion:163 Resp: 152306

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

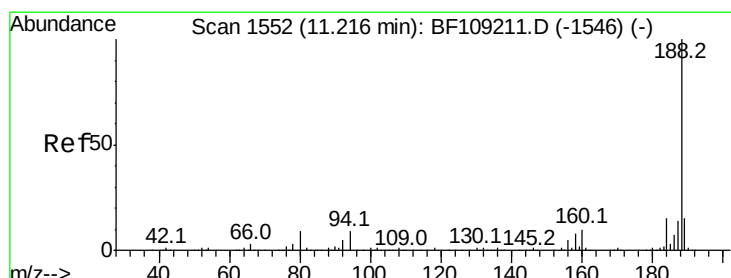
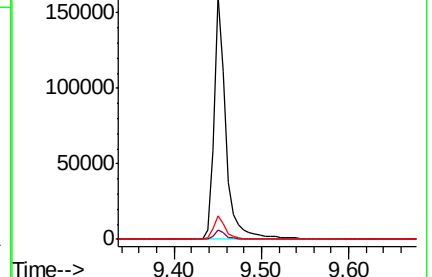
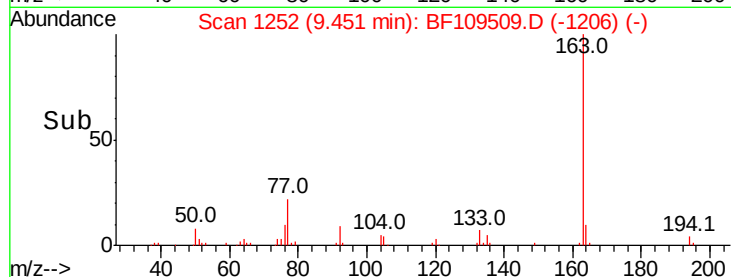
164 9.9 8.2 12.2



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: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF109509.D

Acq: 2 Oct 2018 18:41

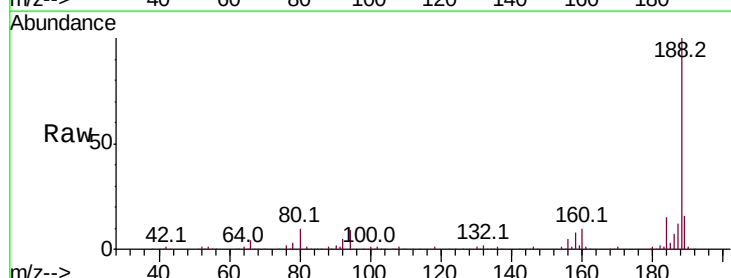
Tgt Ion:188 Resp: 342192

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

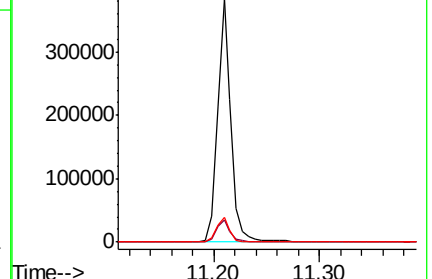
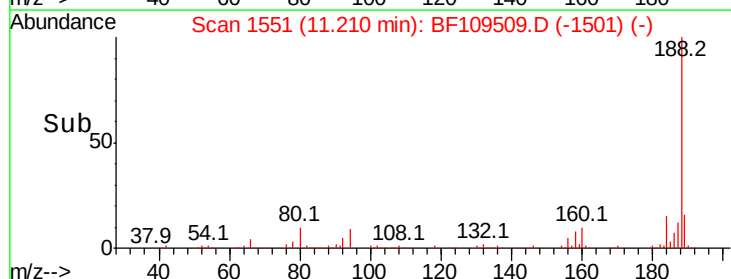
80 10.0 9.2 13.8

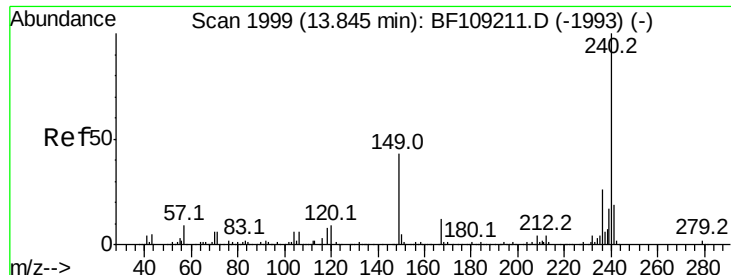


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109509.D

Acq: 2 Oct 2018 18:41

Instrument :

BNA_F

ClientSampleId :

092718-DBRI-F-D-B

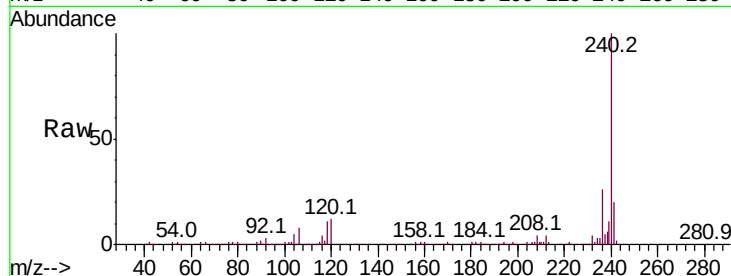
Tot Ion:240 Resp: 258014

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

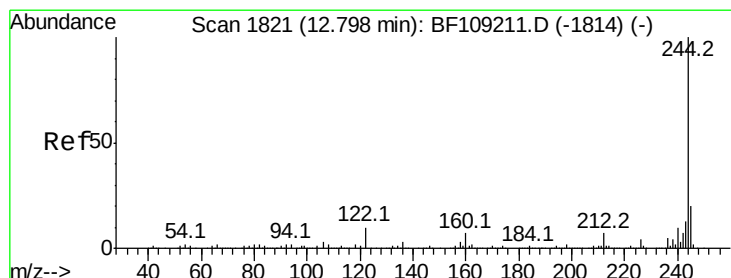
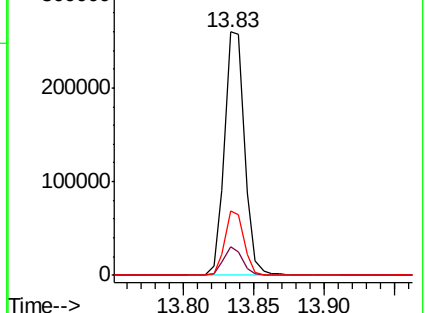
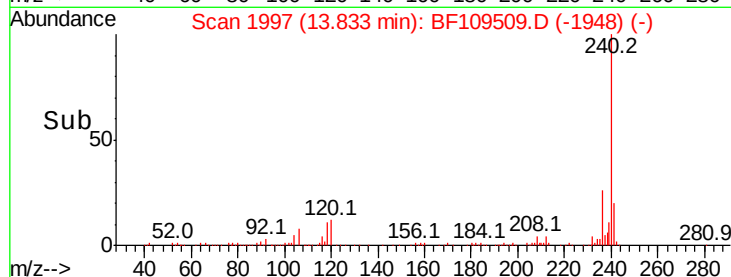
236 26.2 20.7 31.1



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: 101.186 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109509.D

Acq: 2 Oct 2018 18:41

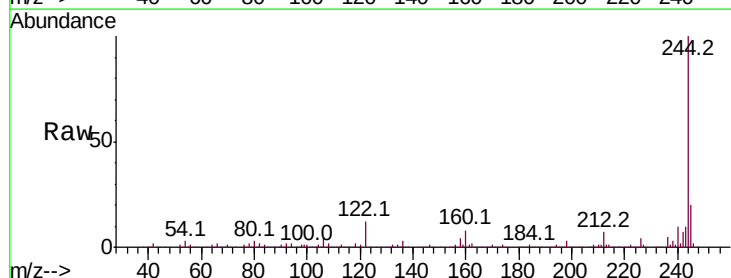
Tgt Ion:244 Resp: 1063801

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

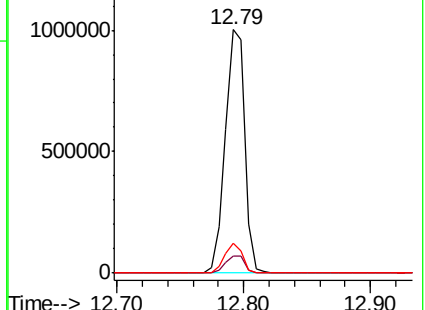
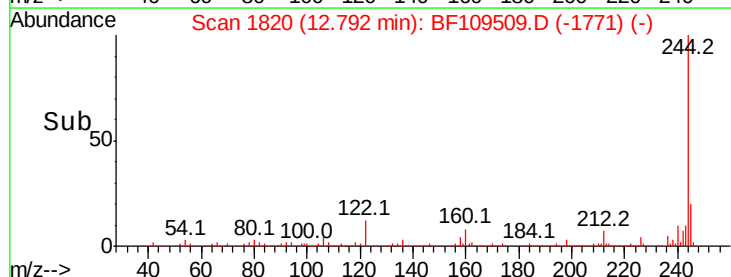
122 12.5 11.0 16.4

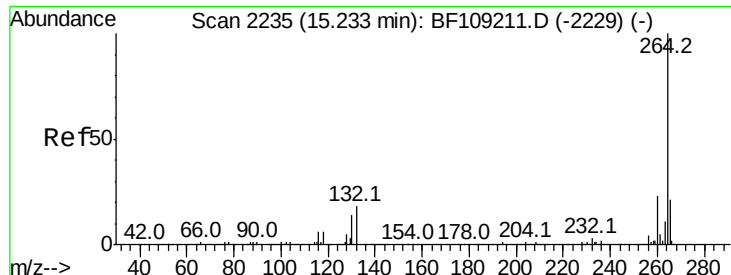


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109509.D
 Acq: 2 Oct 2018 18:41

Instrument :
 BNA_F
 ClientSampleId :
 092718-DBRI-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.5	26.3

