

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109125.D
 Acq On : 19 Sep 2018 5:10
 Operator : JU/SJ
 Sample : J4930-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091318-DBRI-E-U-M

Quant Time: Sep 19 06:36:00 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

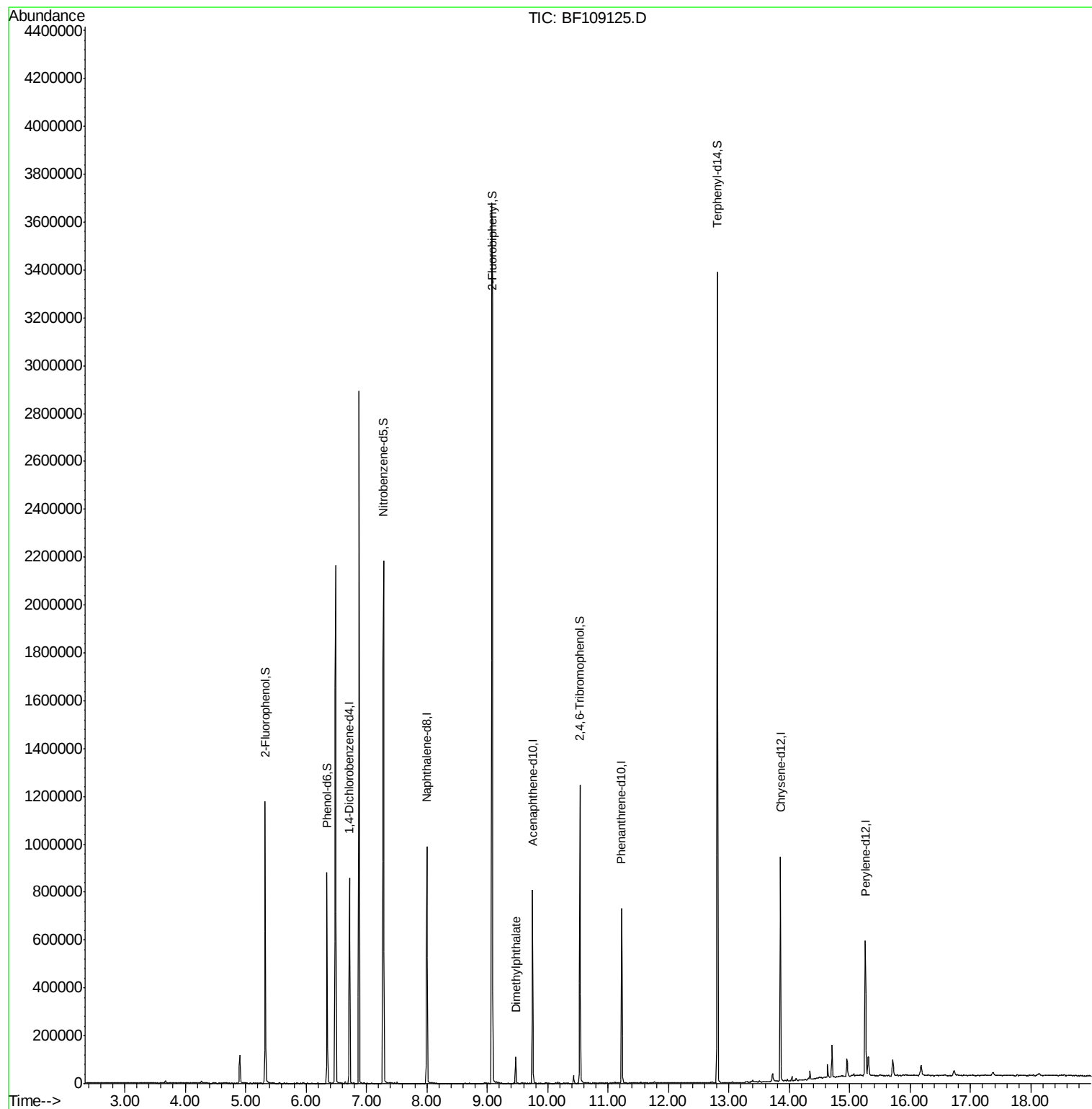
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	115980	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	396196	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	162263	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	277790	20.00	ng	0.00
75) Chrysene-d12	13.85	240	302092	20.00	ng	0.00
86) Perylene-d12	15.26	264	253371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	314779	45.08	ng	0.00
7) Phenol-d6	6.35	99	249054	27.66	ng	-0.01
23) Nitrobenzene-d5	7.28	82	725528	102.71	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	159720	90.70	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1176406	113.59	ng	0.00
78) Terphenyl-d14	12.81	244	1147925	90.07	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	46671	4.024	ng	99

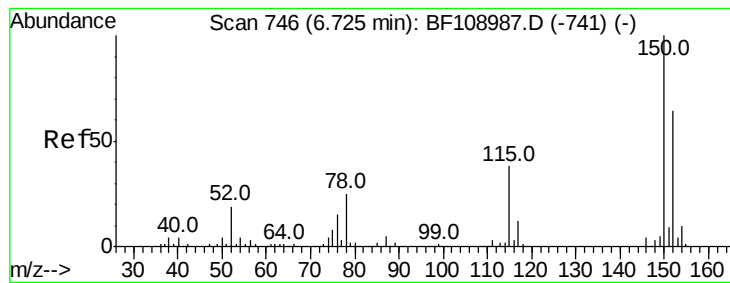
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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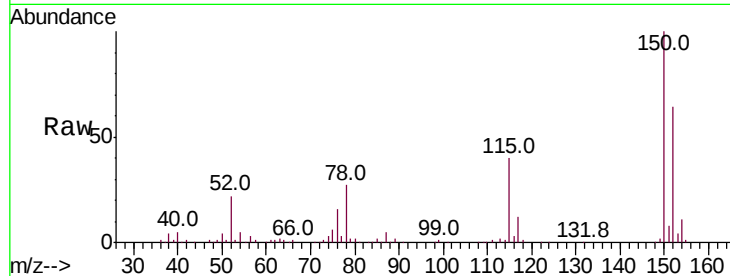


#1

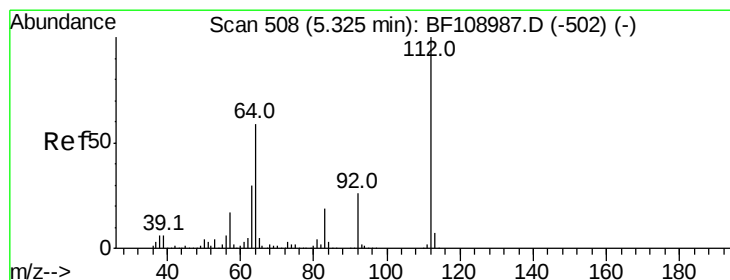
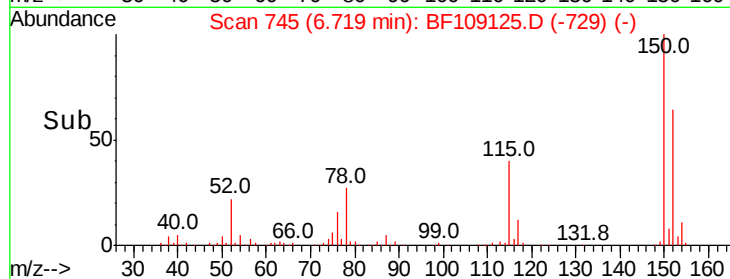
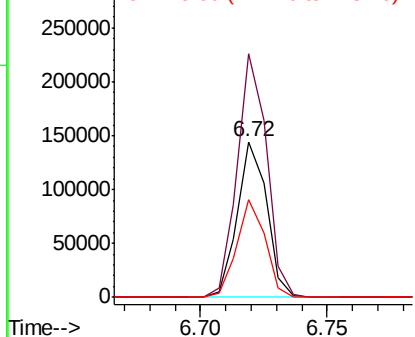
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109125.D
Acq: 19 Sep 2018 5:10

Instrument :
BNA_F
ClientSampleId :
091318-DBRI-E-U-M

Tot Ion:152 Resp: 115980
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 63.0 50.1 75.1



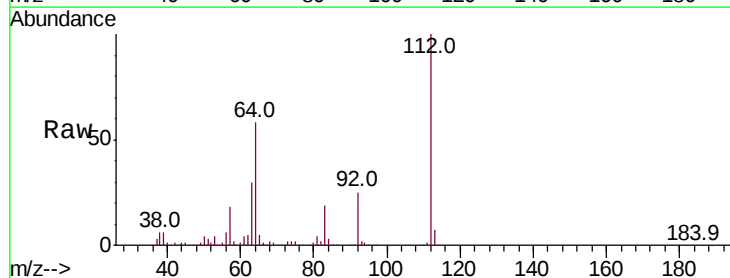
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



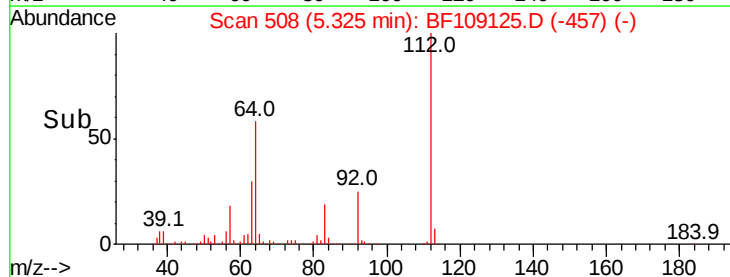
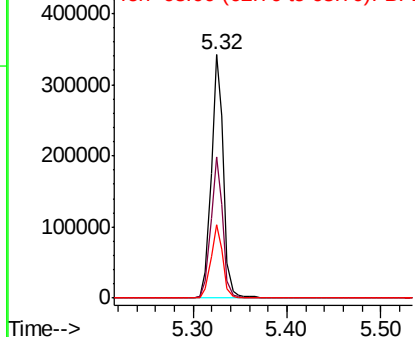
#5

2-Fluorophenol
Concen: 45.078 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109125.D
Acq: 19 Sep 2018 5:10

Tgt Ion:112 Resp: 314779
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 29.9 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: 27.660 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109125.D

Acq: 19 Sep 2018 5:10

Instrument :

BNA_F

ClientSampleId :

091318-DBRI-E-U-M

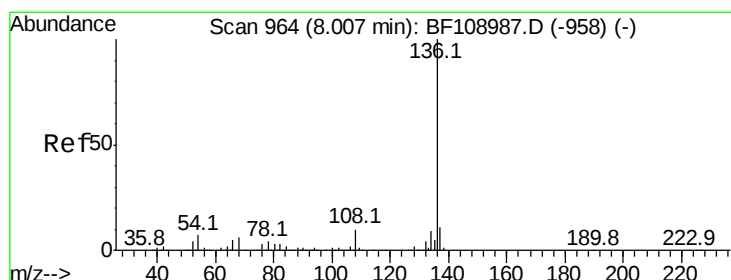
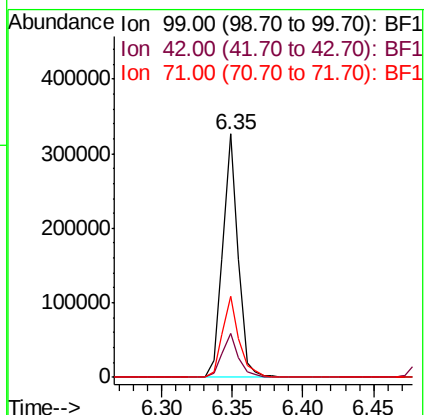
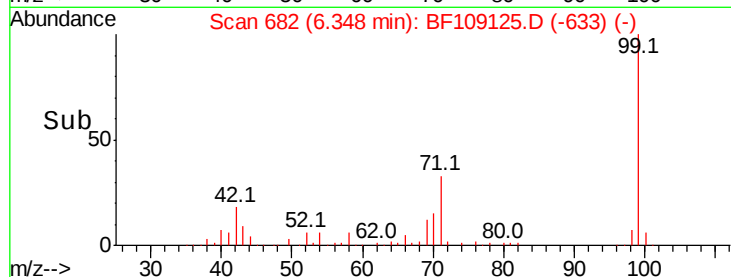
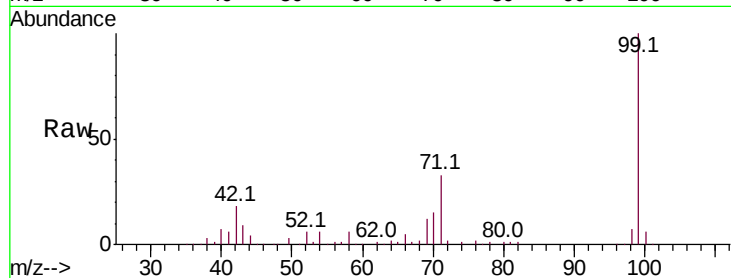
Tot Ion: 99 Resp: 249054

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

71 33.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109125.D

Acq: 19 Sep 2018 5:10

Tgt Ion: 136 Resp: 396196

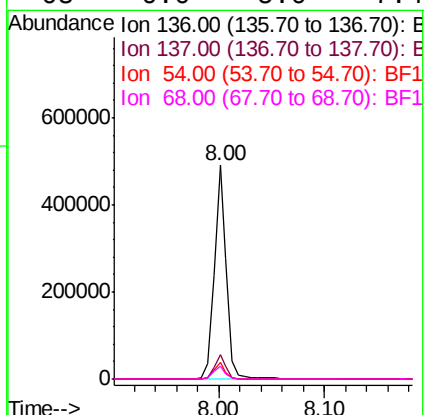
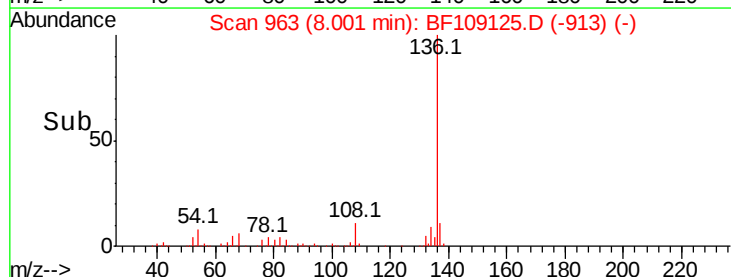
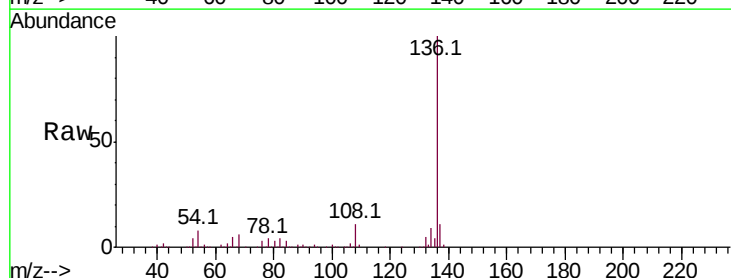
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.6 6.6 9.8

68 6.0 5.0 7.4

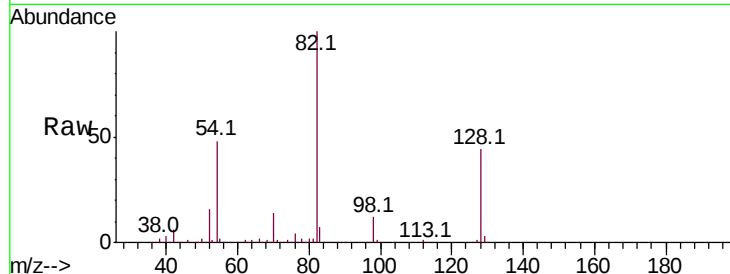




#23
Nitrobenzene-d5
Concen: 102.711 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109125.D
Acq: 19 Sep 2018 5:10

Instrument :
BNA_F
ClientSampleId :
091318-DBRI-E-U-M

Tot Ion	82	Resp	725528
Ion Ratio	100	Lower	Upper
128	44.1	36.1	54.1
54	47.8	41.4	62.2

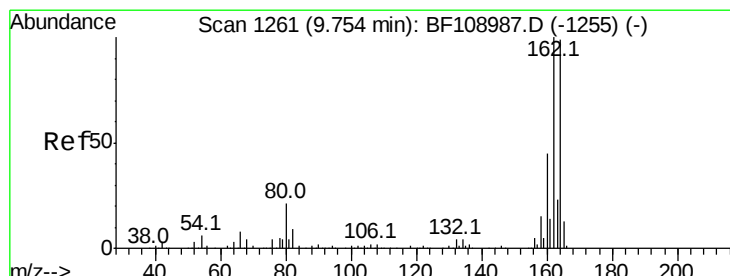
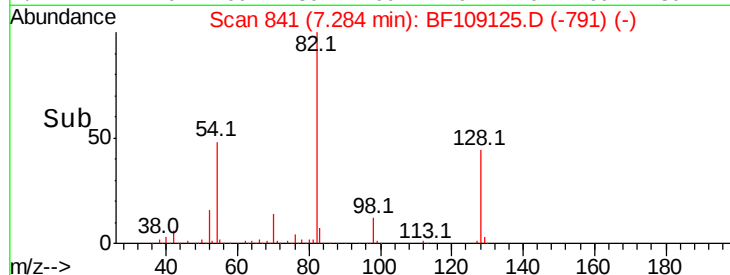
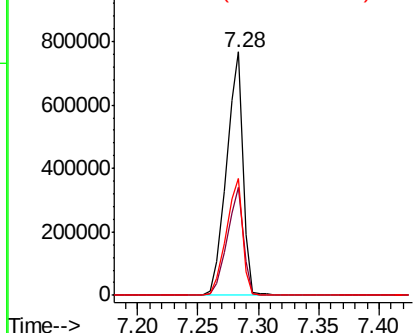


Abundance

Ion 82.00 (81.70 to 82.70): BF1

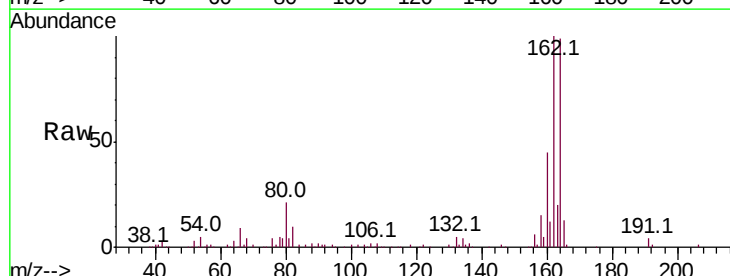
Ion 128.00 (127.70 to 128.70): BF1

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: BF109125.D
Acq: 19 Sep 2018 5:10

Tgt Ion	164	Resp	162263
Ion Ratio	100	Lower	Upper
162	100.9	86.1	129.1
160	45.1	38.3	57.5

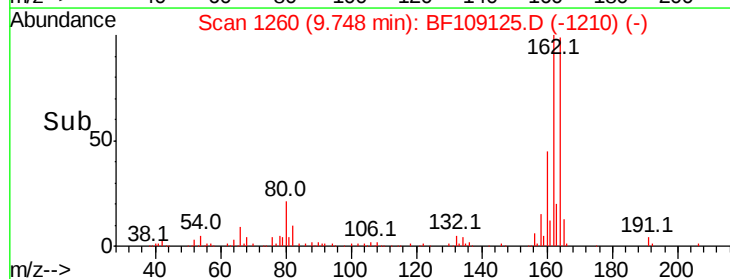
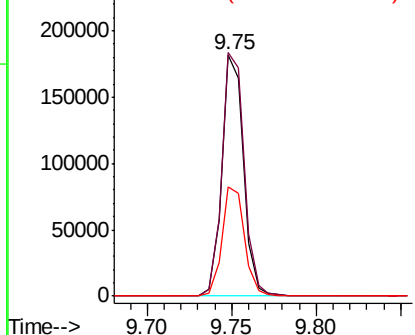


Abundance

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

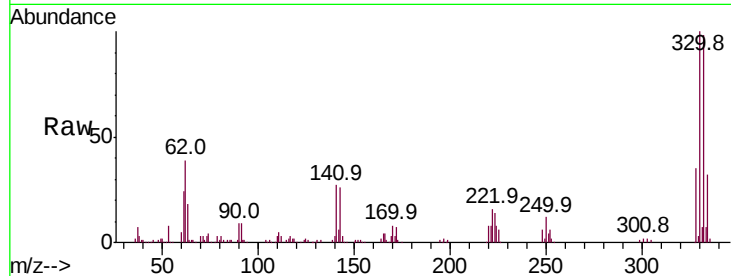




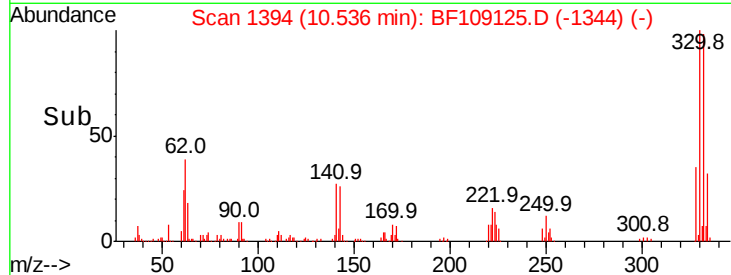
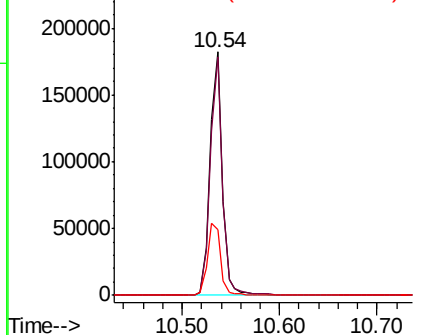
#41
 2,4,6-Tribromophenol
 Concen: 90.699 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109125.D
 Acq: 19 Sep 2018 5:10

Instrument :
 BNA_F
 ClientSampleId :
 091318-DBRI-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	31.9	29.9	44.9

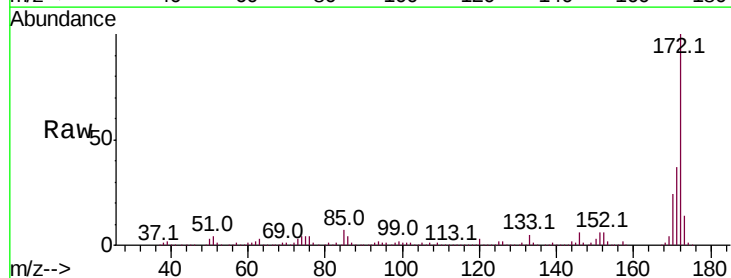


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

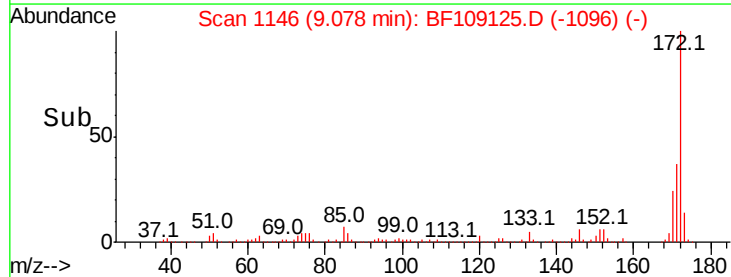
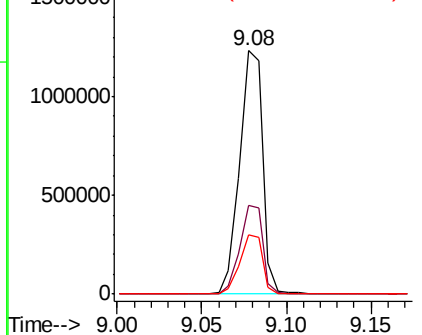


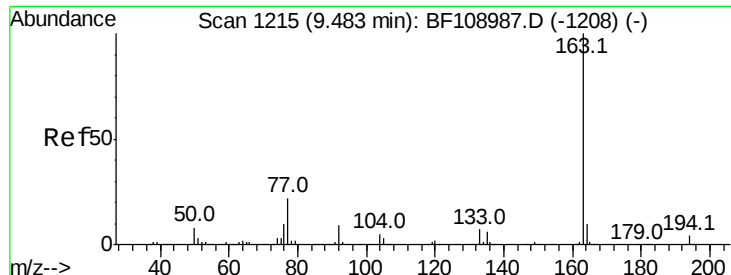
#44
 2-Fluorobiphenyl
 Concen: 113.588 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109125.D
 Acq: 19 Sep 2018 5:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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

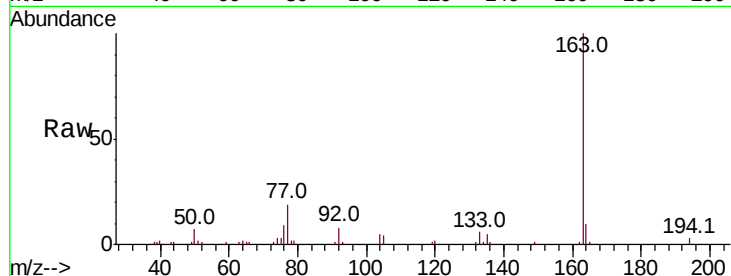




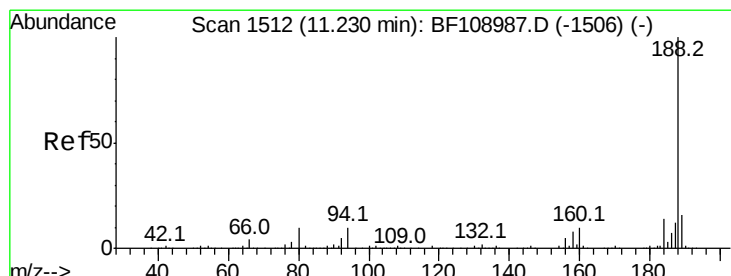
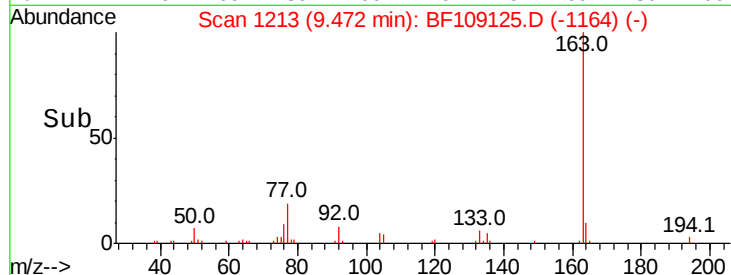
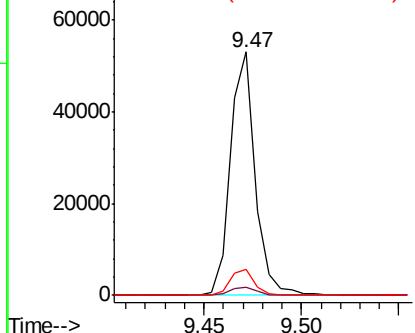
#49
Dimethylphthalate
Concen: 4.024 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109125.D
Acq: 19 Sep 2018 5:10

Instrument :
BNA_F
ClientSampleId :
091318-DBRI-E-U-M

Tot Ion:163 Resp: 46671
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.5 8.2 12.2

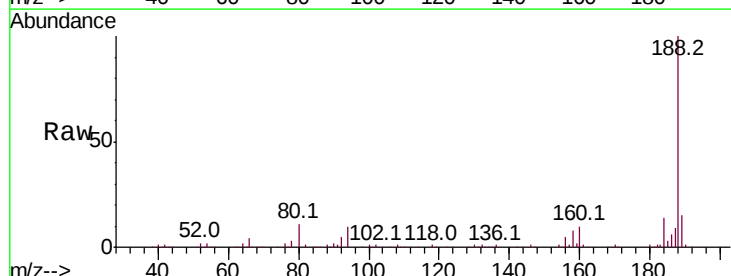


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

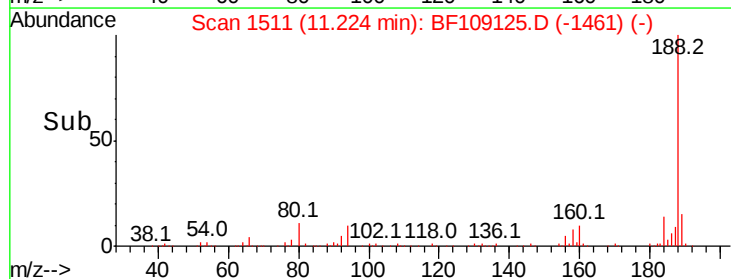
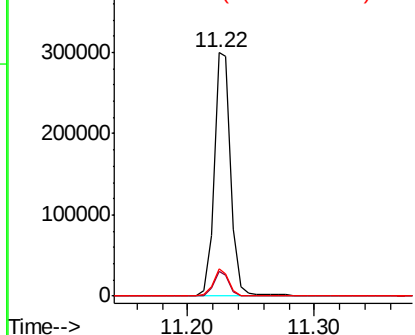


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109125.D
Acq: 19 Sep 2018 5:10

Tgt Ion:188 Resp: 277790
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.4 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: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109125.D

Acq: 19 Sep 2018 5:10

Instrument :

BNA_F

ClientSampleId :

091318-DBRI-E-U-M

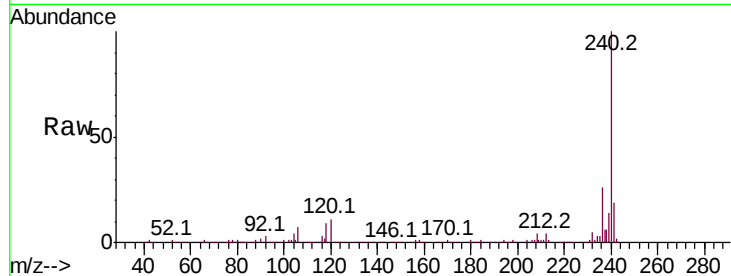
Tot Ion:240 Resp: 302092

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

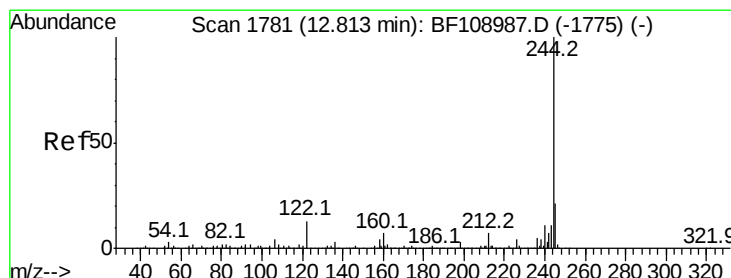
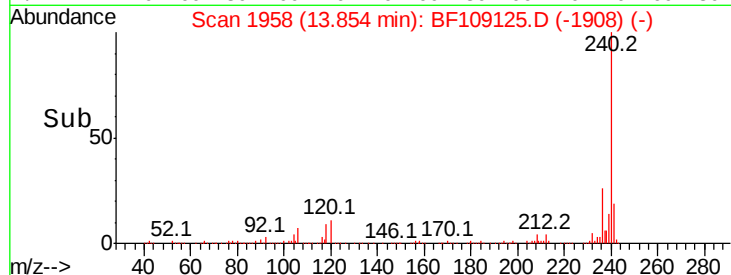
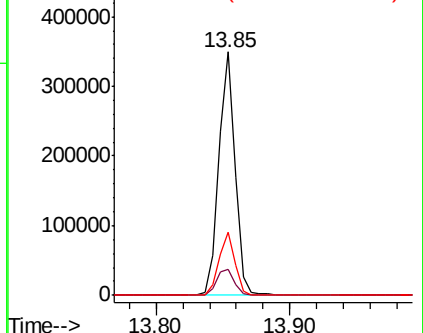
236 25.7 20.7 31.1



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: 90.068 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109125.D

Acq: 19 Sep 2018 5:10

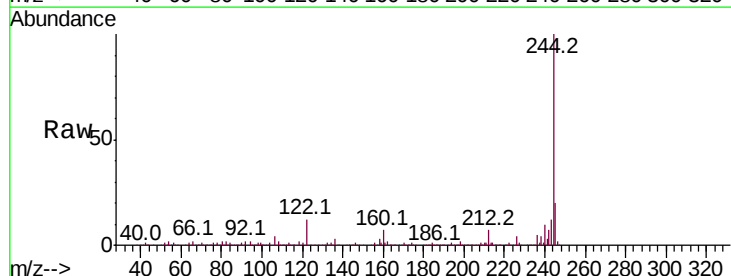
Tgt Ion:244 Resp: 1147925

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

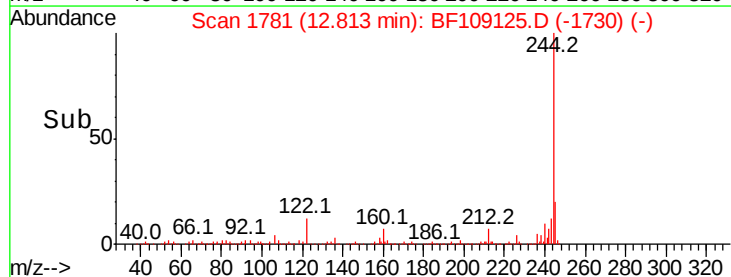
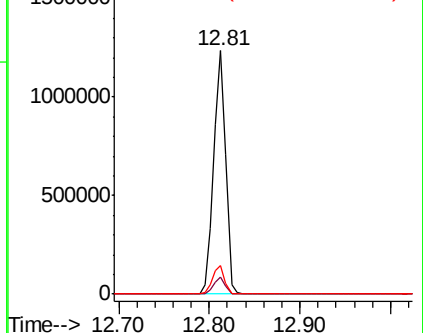
122 11.8 11.0 16.4

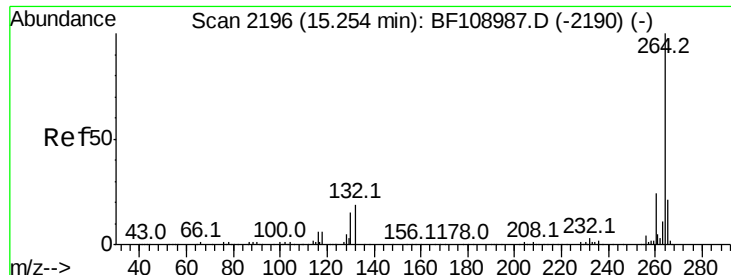


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

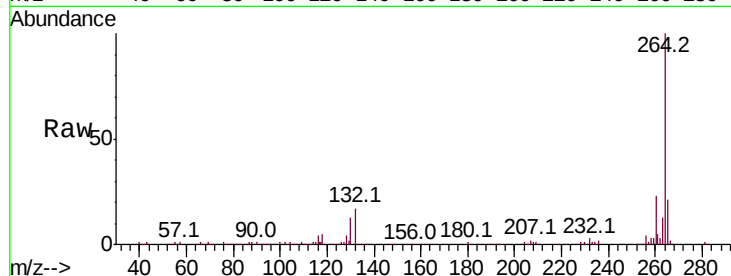




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109125.D
 Acq: 19 Sep 2018 5:10

Instrument :
 BNA_F
 ClientSampleId :
 091318-DBRI-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.4	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

