

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109161.D
 Acq On : 19 Sep 2018 23:11
 Operator : JU/SJ
 Sample : J4984-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091718-DBRI-E-D-B

Quant Time: Sep 20 05:51:07 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

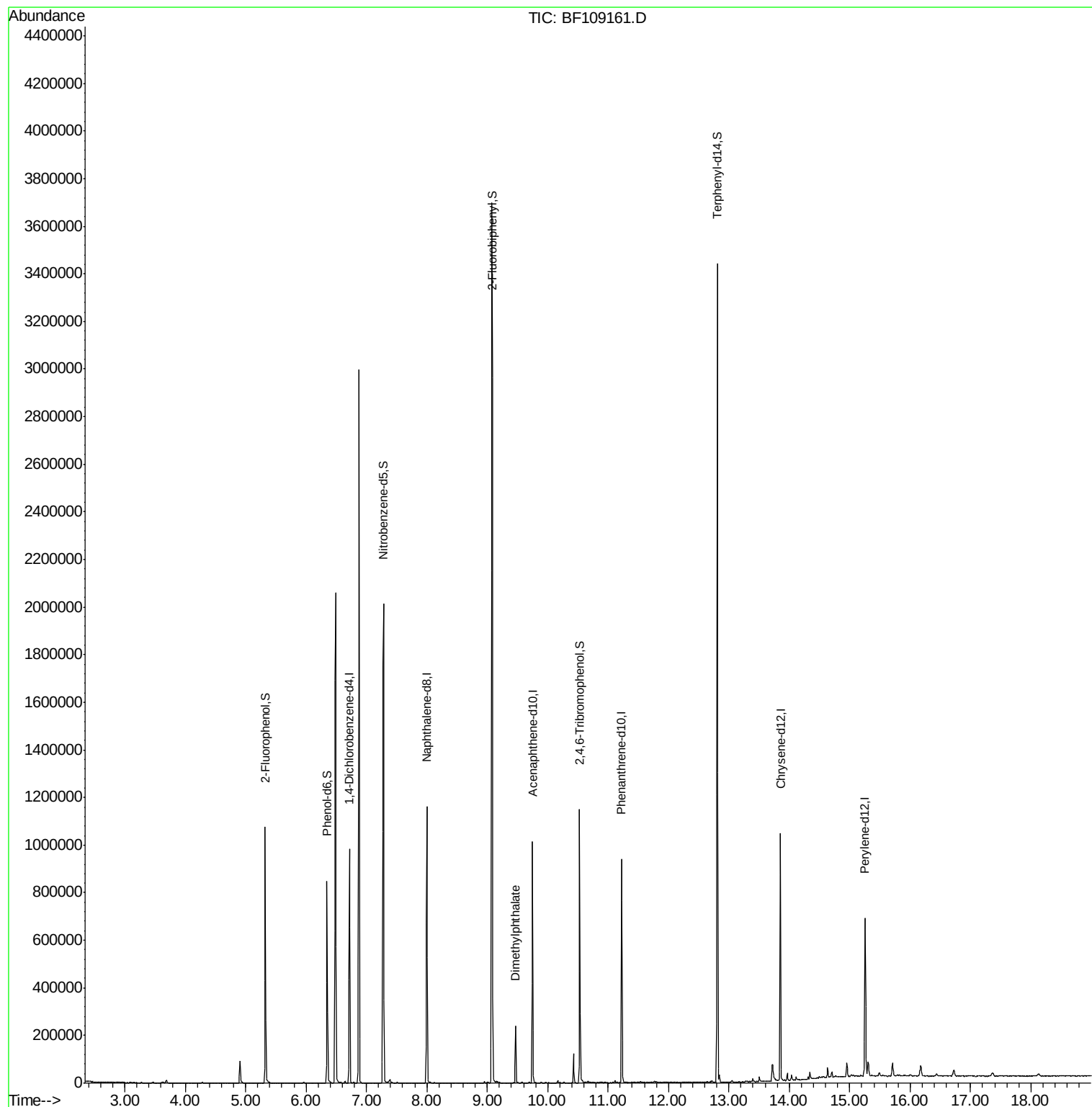
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	134778	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	471610	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	196584	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	338108	20.00	ng	0.00
75) Chrysene-d12	13.85	240	349885	20.00	ng	0.00
86) Perylene-d12	15.25	264	307050	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	313718	38.66	ng	0.00
7) Phenol-d6	6.35	99	250001	23.89	ng	-0.01
23) Nitrobenzene-d5	7.28	82	722871	85.97	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	147772	69.26	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1244379	99.17	ng	0.00
78) Terphenyl-d14	12.81	244	1172977	79.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	102165	7.271	ng	Qvalue 98

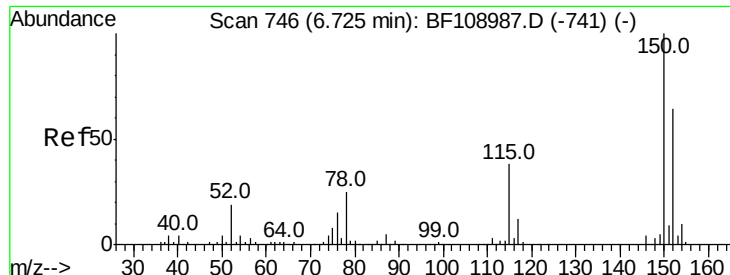
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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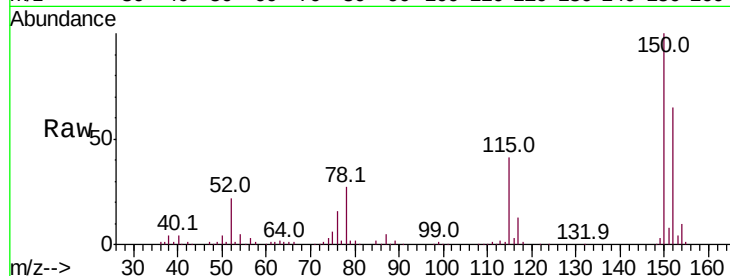


#1

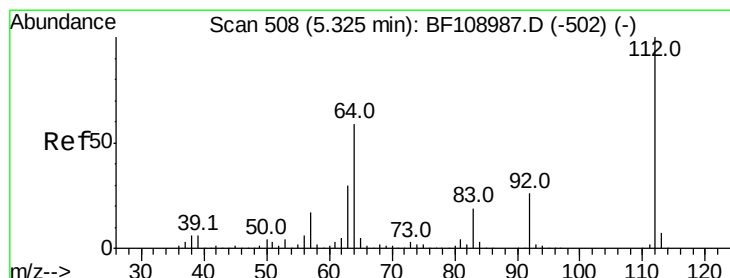
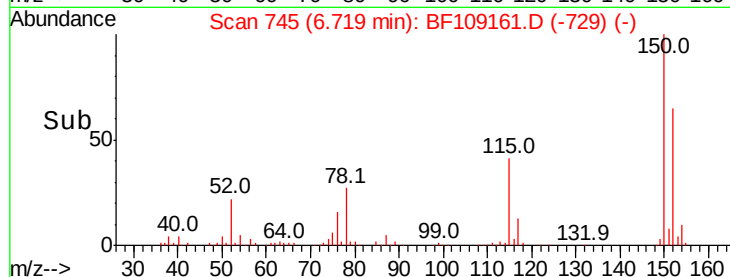
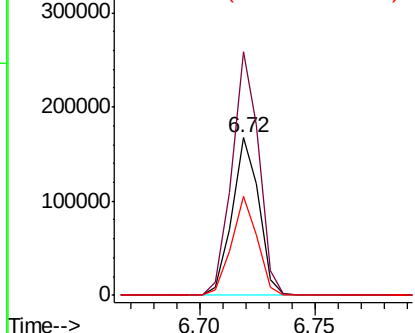
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109161.D
 Acq: 19 Sep 2018 23:11

Instrument :
 BNA_F
 ClientSampleId :
 091718-DBRI-E-D-B

Tot Ion:152 Resp: 134778
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.6 186.8
 115 62.8 50.1 75.1



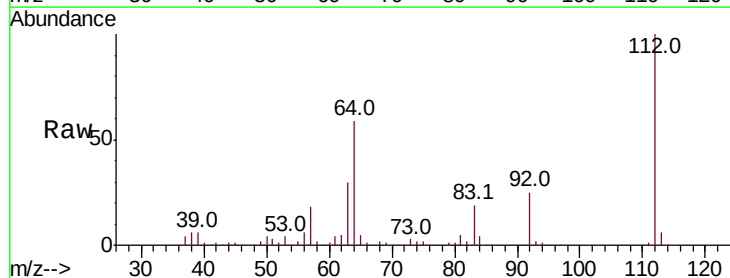
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



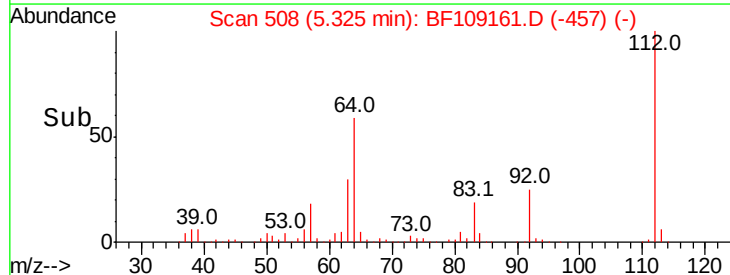
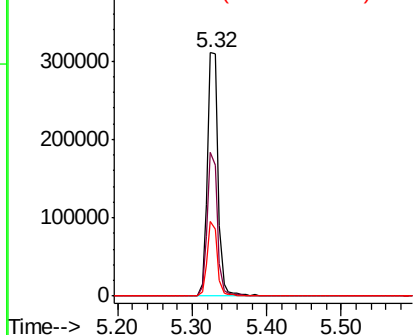
#5

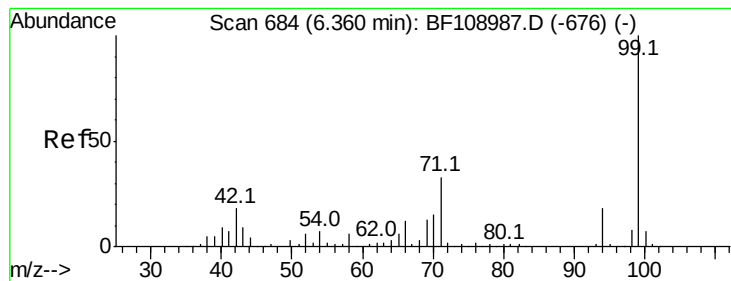
2-Fluorophenol
 Concen: 38.660 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109161.D
 Acq: 19 Sep 2018 23:11

Tgt Ion:112 Resp: 313718
 Ion Ratio Lower Upper
 112 100
 64 59.3 47.9 71.9
 63 30.4 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: 23.892 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109161.D

Acq: 19 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

091718-DBRI-E-D-B

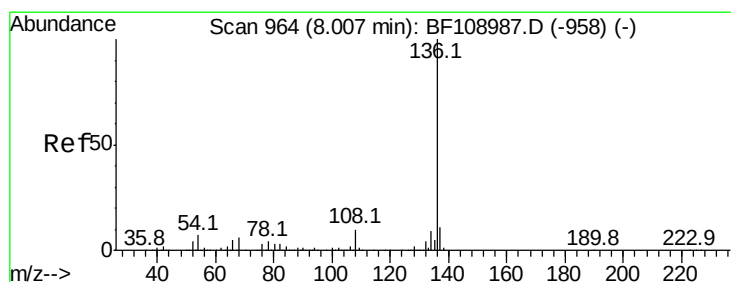
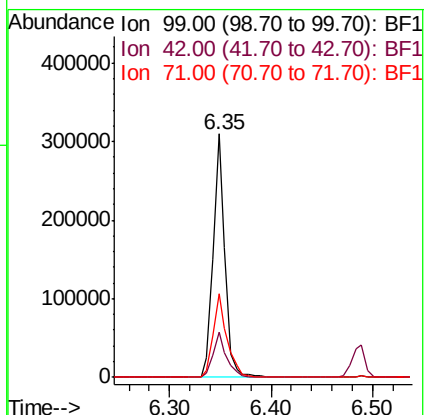
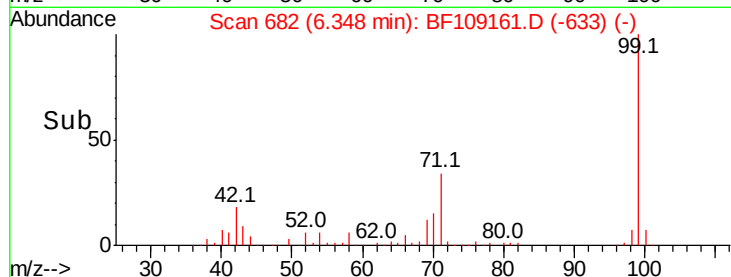
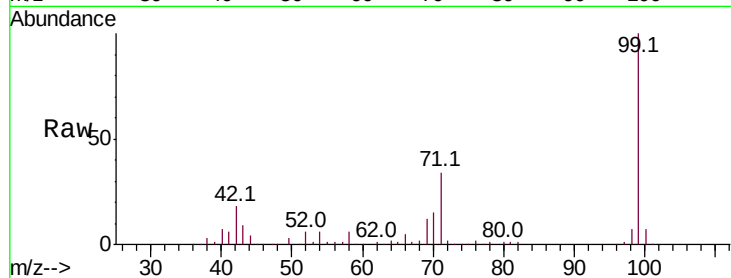
Tot Ion: 99 Resp: 250001

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

71 34.4 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: BF109161.D

Acq: 19 Sep 2018 23:11

Tgt Ion: 136 Resp: 471610

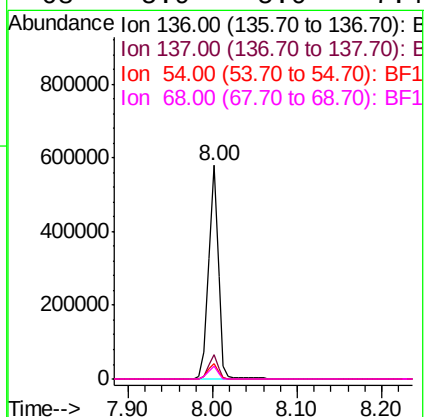
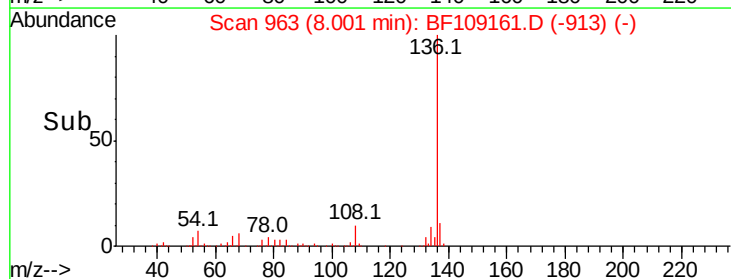
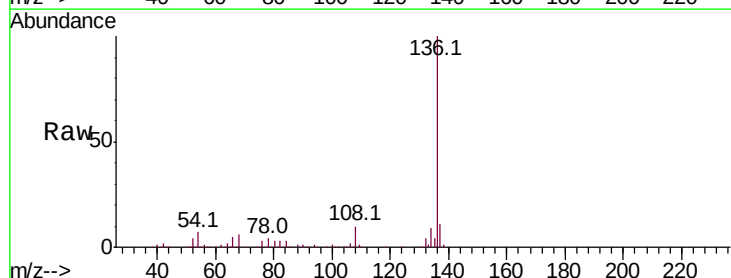
Ion Ratio Lower Upper

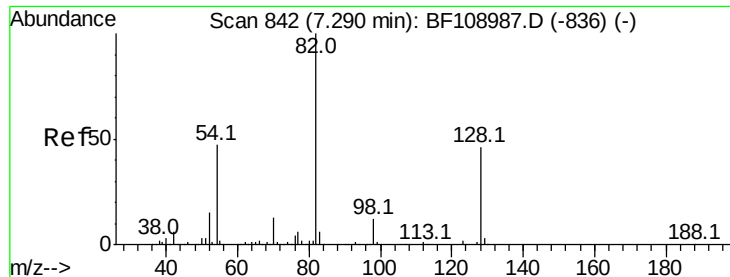
136 100

137 11.1 8.9 13.3

54 7.3 6.6 9.8

68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 85.970 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF109161.D

Acq: 19 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

091718-DBRI-E-D-B

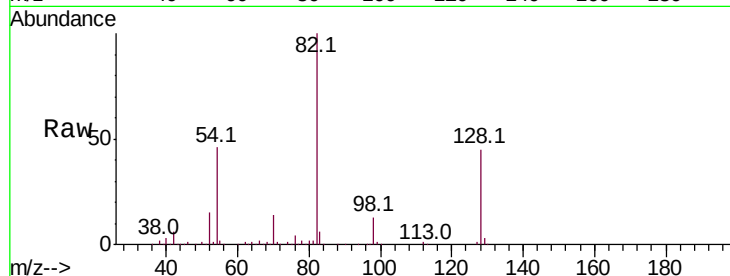
Tot Ion: 82 Resp: 722871

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

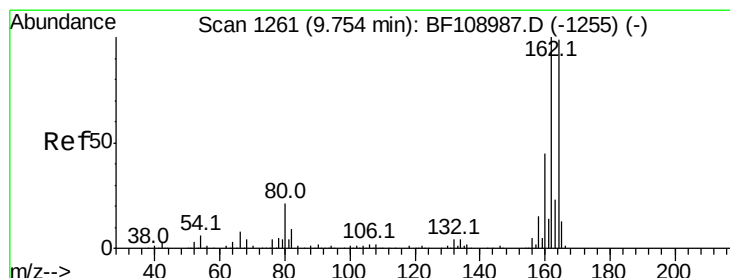
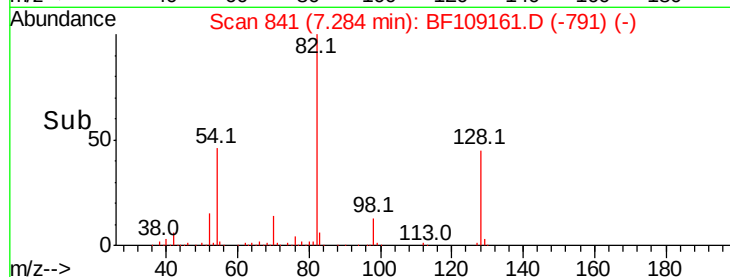
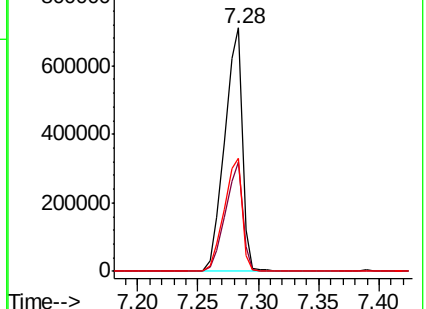
54 46.4 41.4 62.2



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: BF109161.D

Acq: 19 Sep 2018 23:11

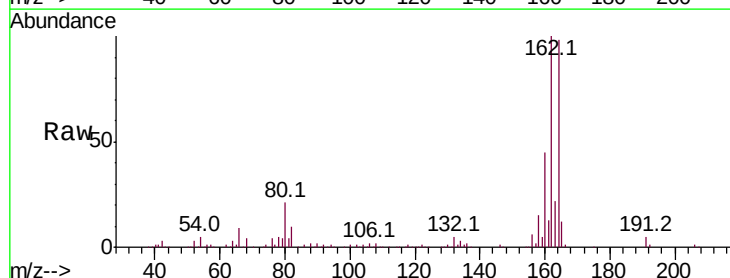
Tgt Ion: 164 Resp: 196584

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

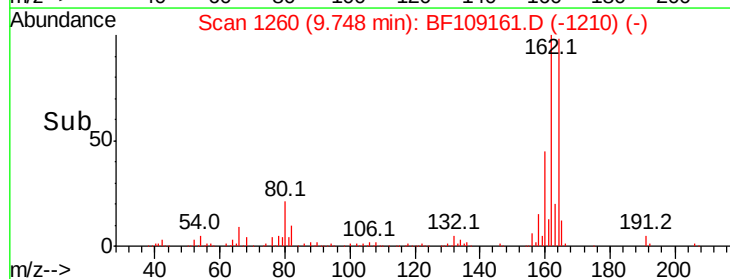
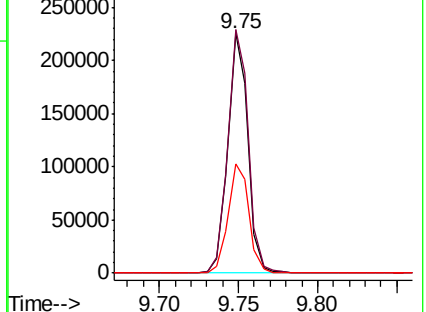
160 45.6 38.3 57.5

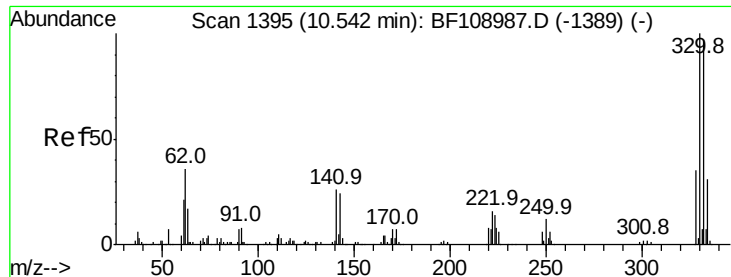


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

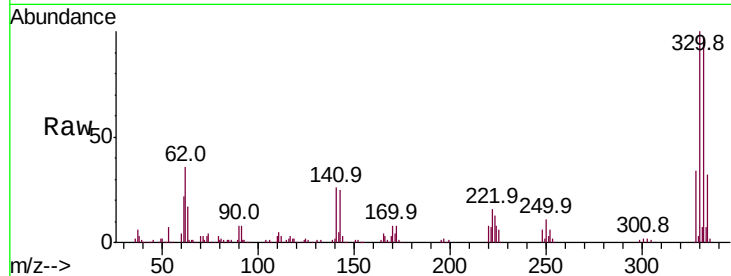




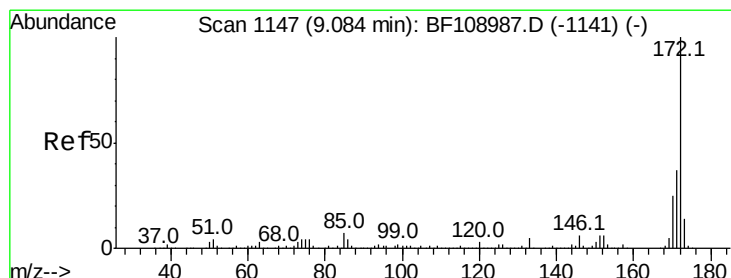
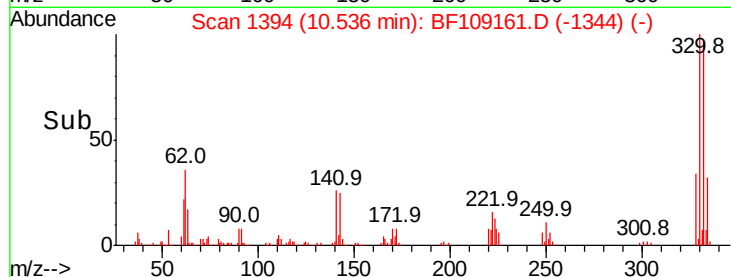
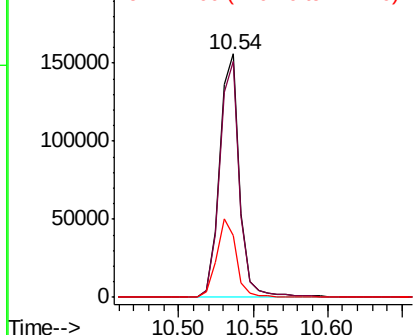
#41
 2,4,6-Tribromophenol
 Concen: 69.264 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109161.D
 Acq: 19 Sep 2018 23:11

Instrument :
 BNA_F
 ClientSampleId :
 091718-DBRI-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	31.5	29.9	44.9

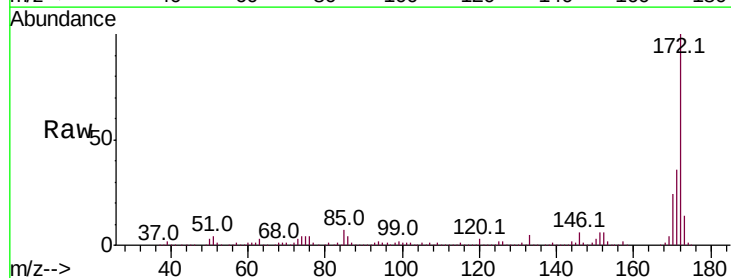


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

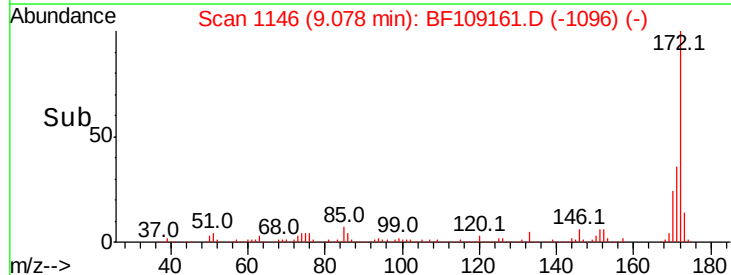
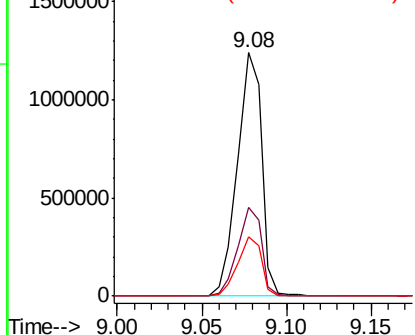


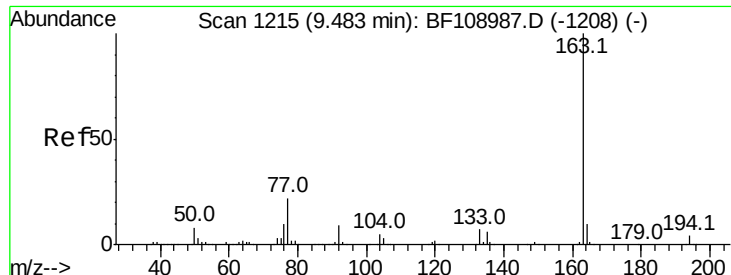
#44
 2-Fluorobiphenyl
 Concen: 99.174 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109161.D
 Acq: 19 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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

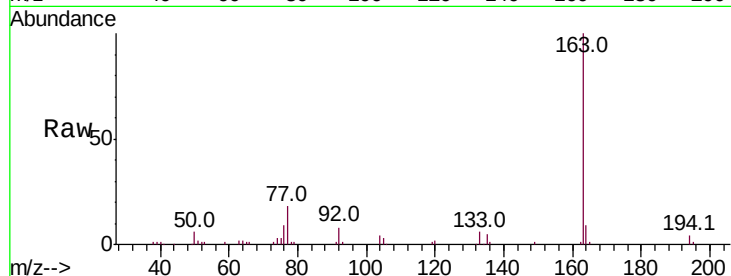




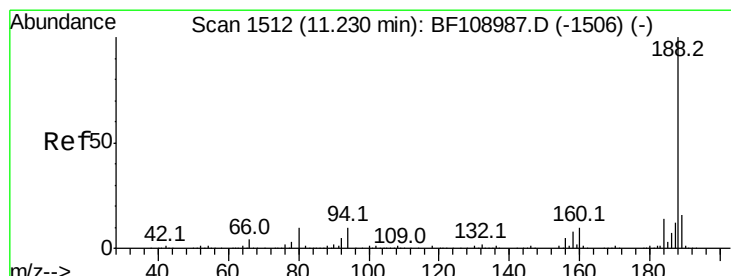
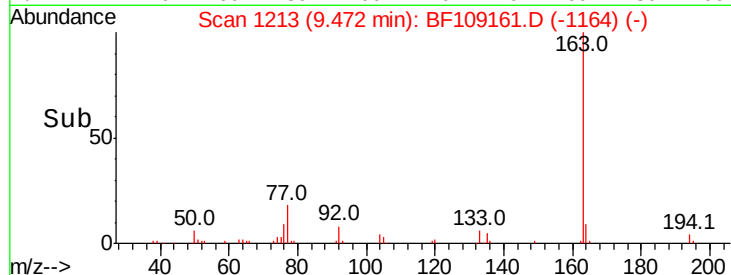
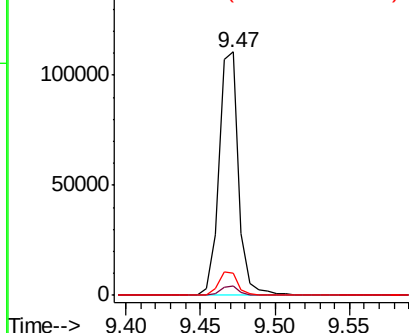
#49
 Dimethylphthalate
 Concen: 7.271 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF109161.D
 Acq: 19 Sep 2018 23:11

Instrument :
 BNA_F
 ClientSampleId :
 091718-DBRI-E-D-B

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.3	8.2	12.2

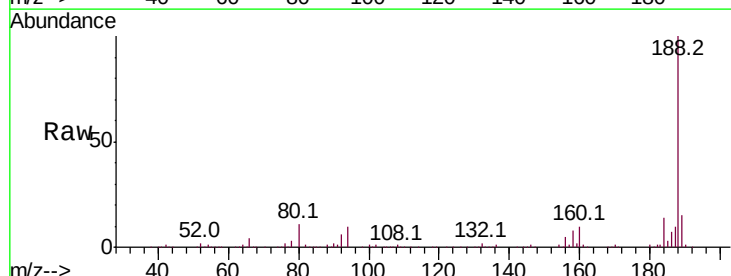


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

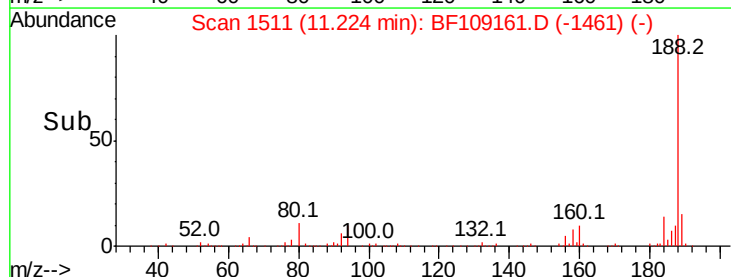
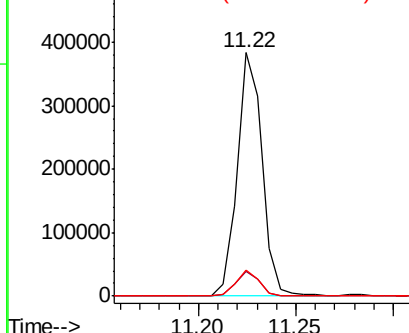


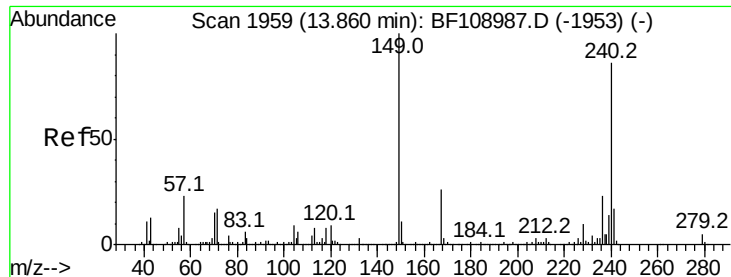
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109161.D
 Acq: 19 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.7	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: BF109161.D

Acq: 19 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

091718-DBRI-E-D-B

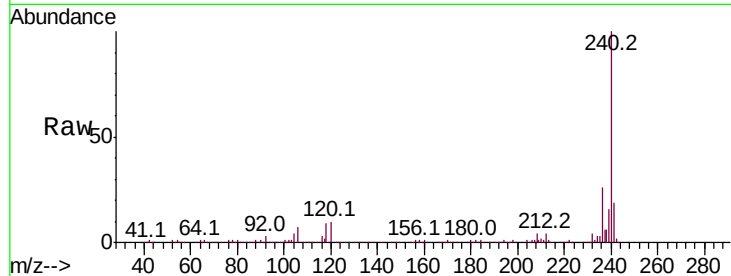
Tot Ion:240 Resp: 349885

Ion Ratio Lower Upper

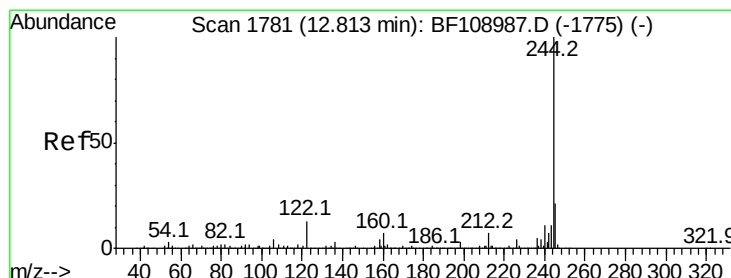
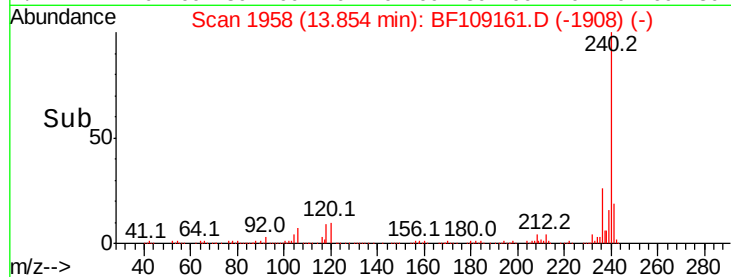
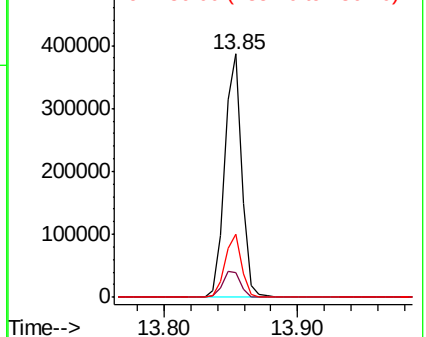
240 100

120 10.3 9.5 14.3

236 26.1 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: 79.462 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109161.D

Acq: 19 Sep 2018 23:11

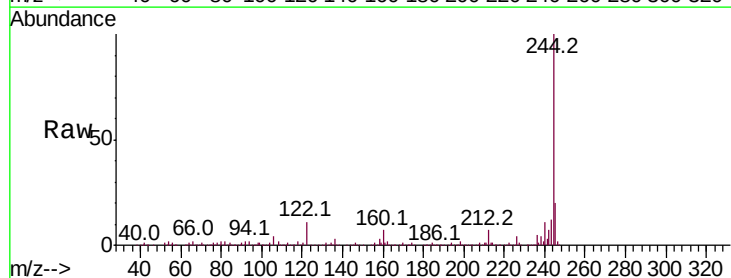
Tgt Ion:244 Resp: 1172977

Ion Ratio Lower Upper

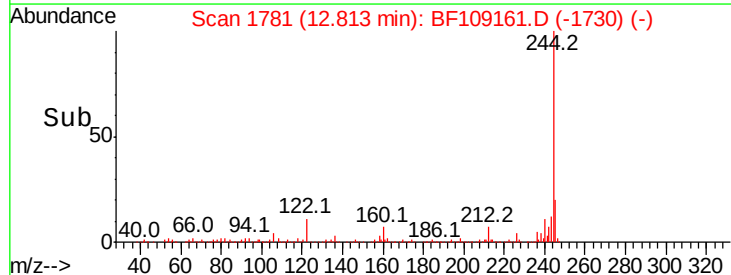
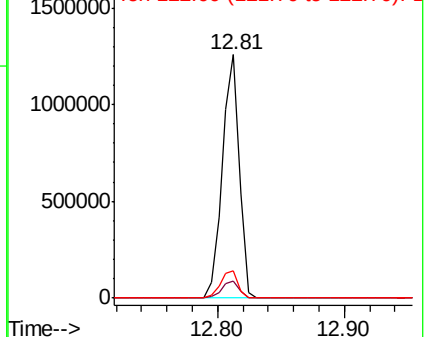
244 100

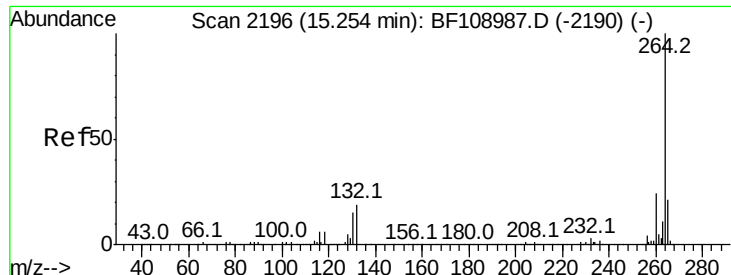
212 7.2 5.4 8.0

122 11.1 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

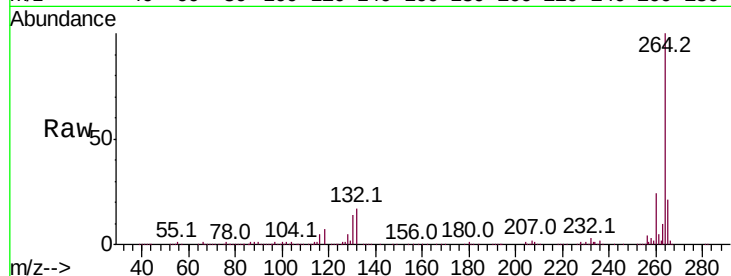




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109161.D
Acq: 19 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :
091718-DBRI-E-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.8	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

