

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109080.D
 Acq On : 18 Sep 2018 6:44
 Operator : JU/SJ
 Sample : J4907-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CBH-140(4)

Quant Time: Sep 18 08:35:29 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

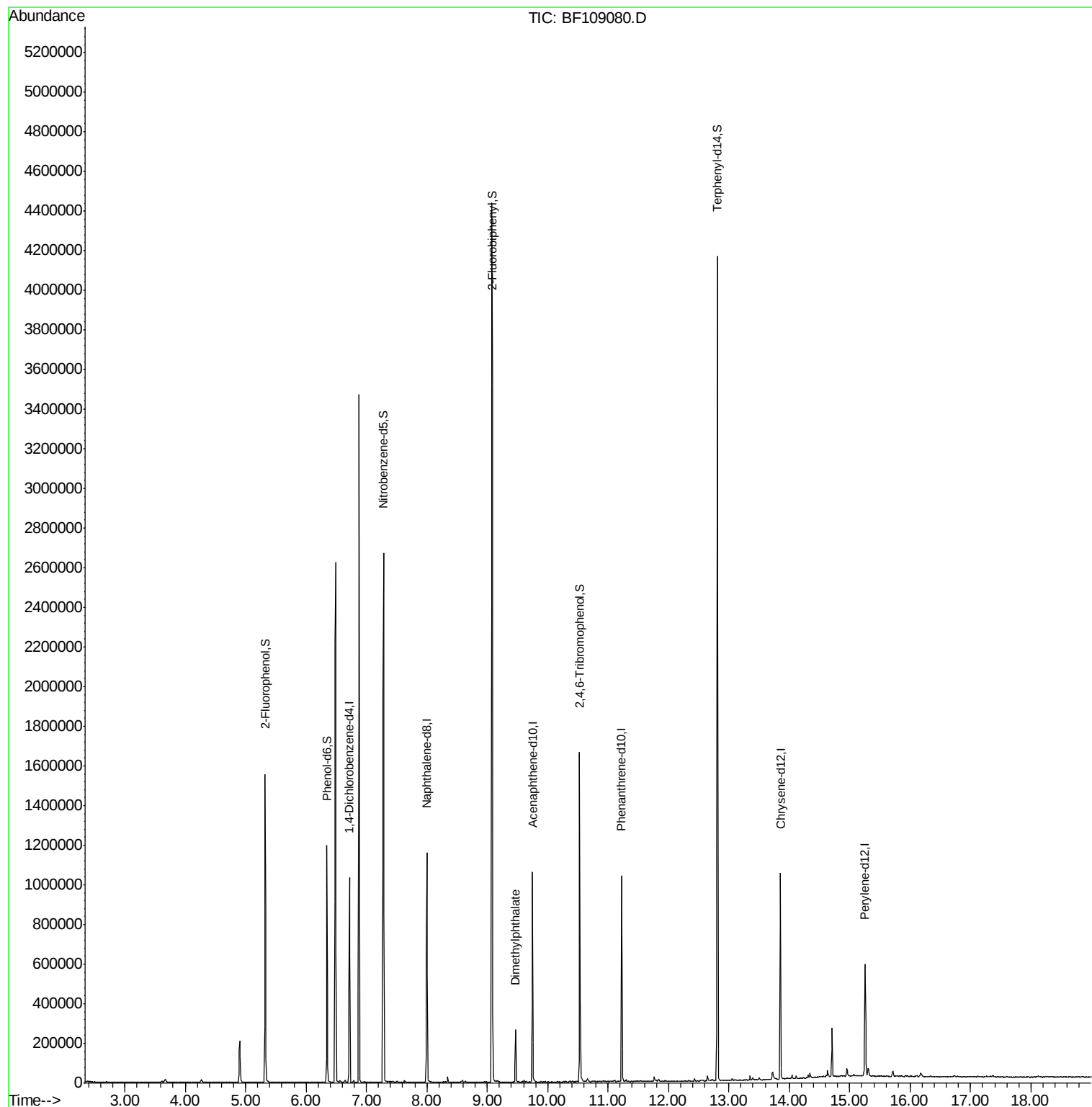
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	135865	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	465066	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	197626	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	366705	20.00	ng	0.00
75) Chrysene-d12	13.85	240	330643	20.00	ng	0.00
86) Perylene-d12	15.25	264	260176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	406866	49.74	ng	0.00
7) Phenol-d6	6.35	99	330172	31.30	ng	-0.01
23) Nitrobenzene-d5	7.28	82	883255	106.52	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	216345	100.87	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1399884	110.98	ng	0.00
78) Terphenyl-d14	12.81	244	1424870	102.14	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	110209	7.802	ng	Qvalue 98

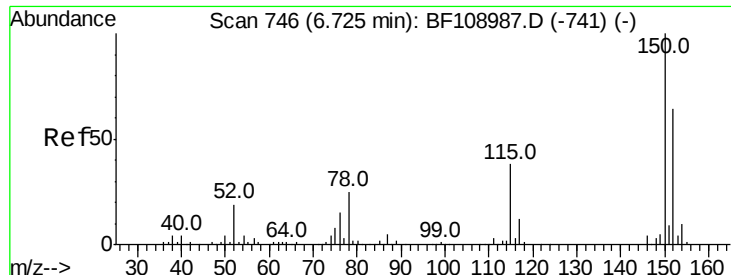
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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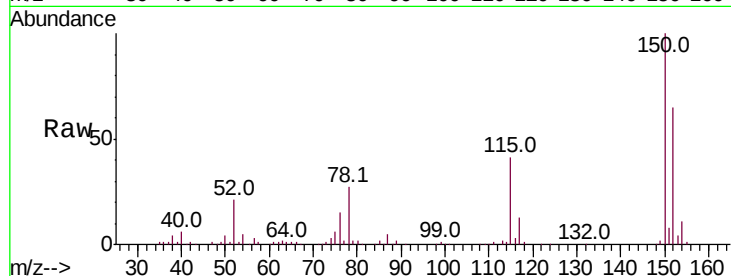


#1

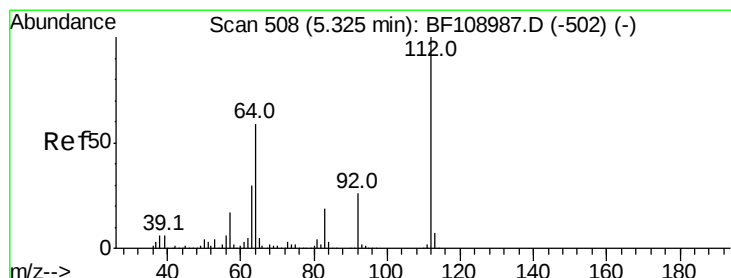
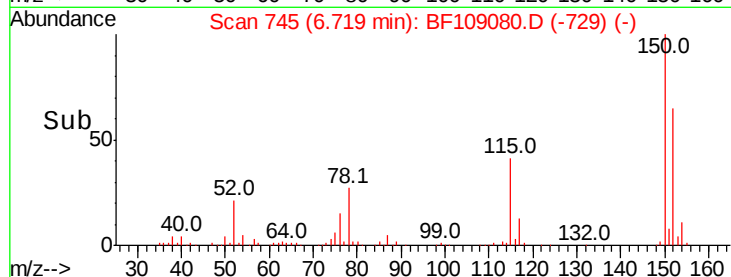
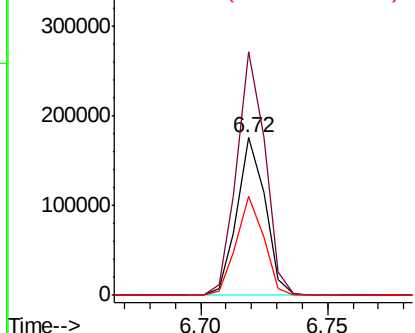
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109080.D
Acq: 18 Sep 2018 6:44

Instrument :
BNA_F
ClientSampleId :
CBH-140(4)

Tot Ion:152 Resp: 135865
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 62.9 50.1 75.1



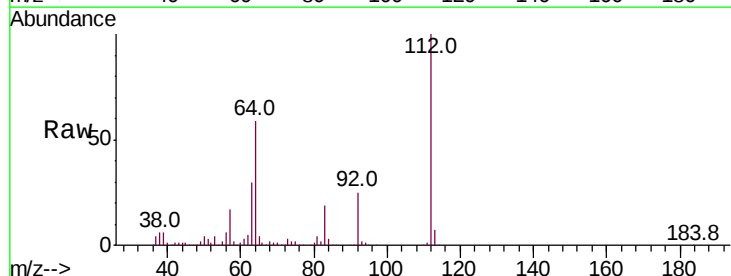
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



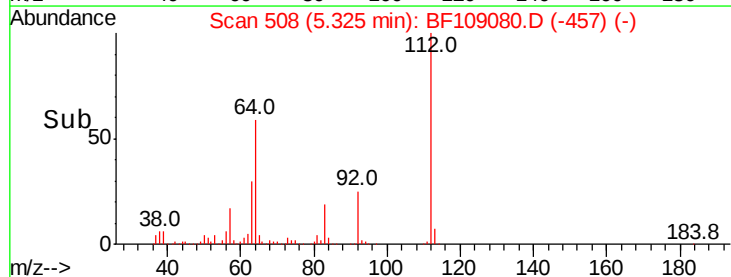
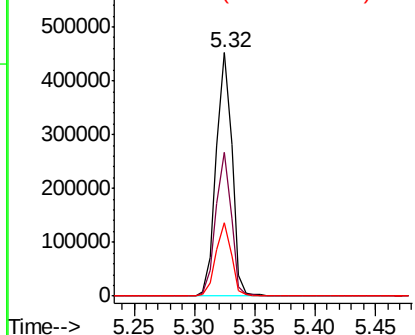
#5

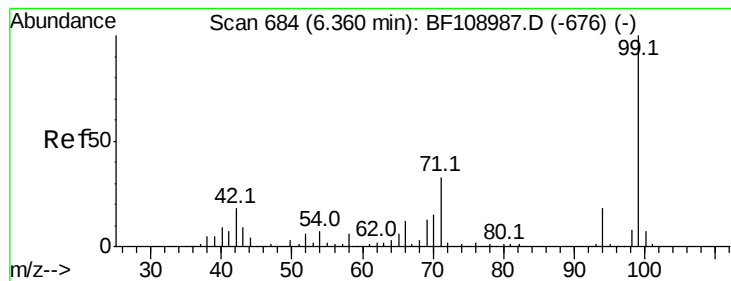
2-Fluorophenol
Concen: 49.737 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109080.D
Acq: 18 Sep 2018 6:44

Tgt Ion:112 Resp: 406866
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 30.3 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: 31.302 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109080.D

Acq: 18 Sep 2018 6:44

Instrument :

BNA_F

ClientSampleId :

CBH-140(4)

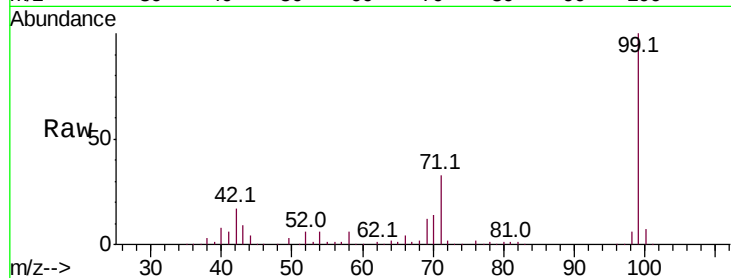
Tot Ion: 99 Resp: 330172

Ion Ratio Lower Upper

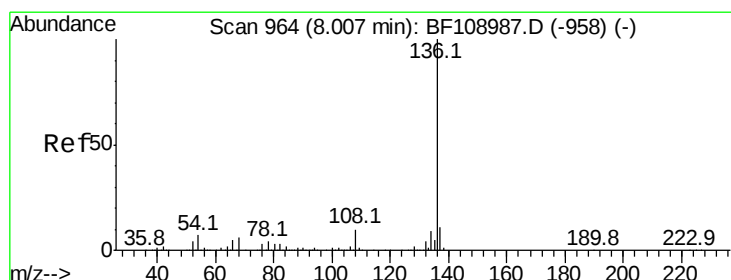
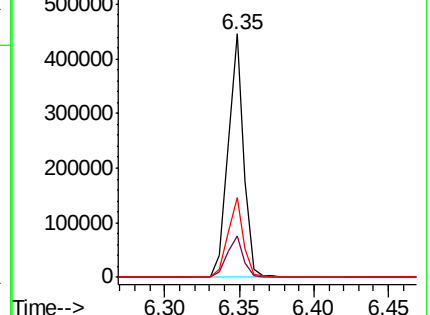
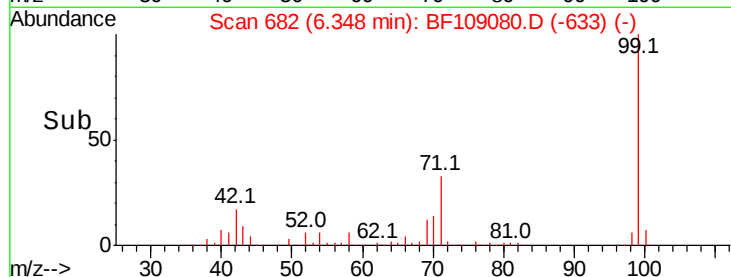
99 100

42 17.2 14.5 21.7

71 32.7 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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109080.D

Acq: 18 Sep 2018 6:44

Tgt Ion: 136 Resp: 465066

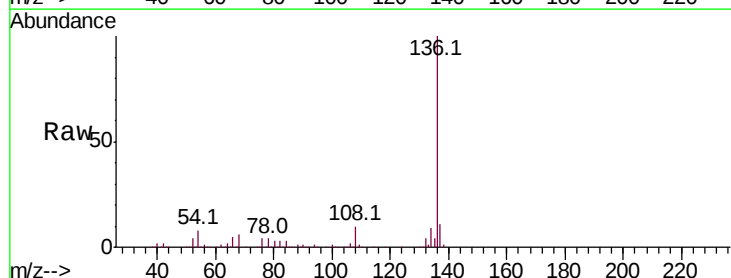
Ion Ratio Lower Upper

136 100

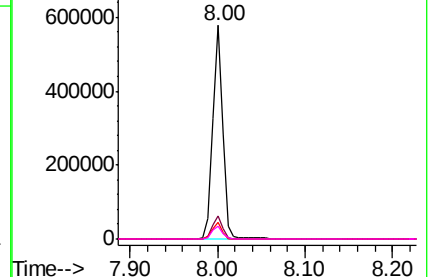
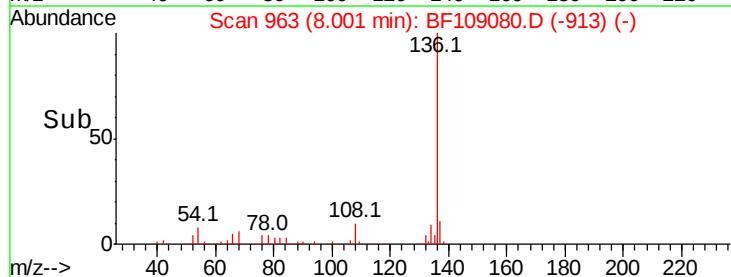
137 11.0 8.9 13.3

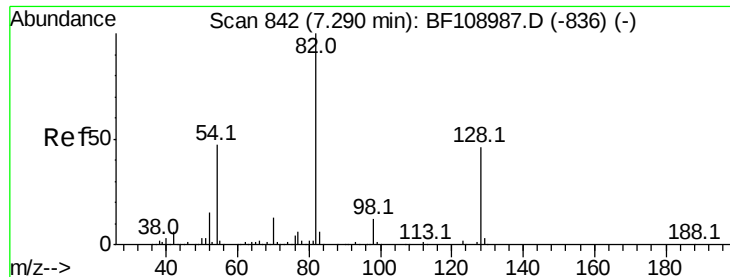
54 7.7 6.6 9.8

68 6.2 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: 106.523 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF109080.D

Acq: 18 Sep 2018 6:44

Instrument :

BNA_F

ClientSampleId :

CBH-140(4)

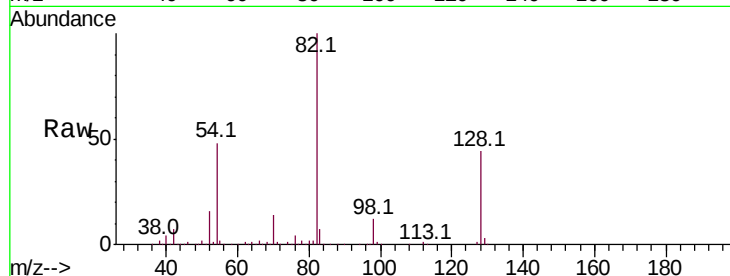
Tot Ion: 82 Resp: 883255

Ion Ratio Lower Upper

82 100

128 43.6 36.1 54.1

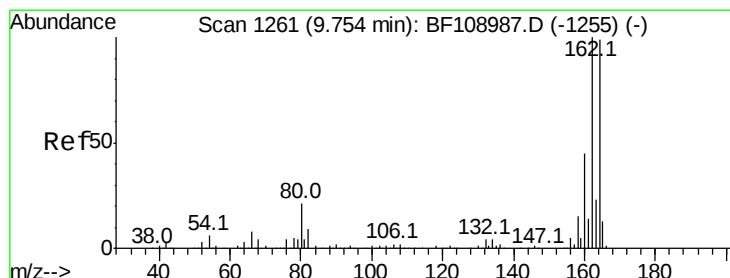
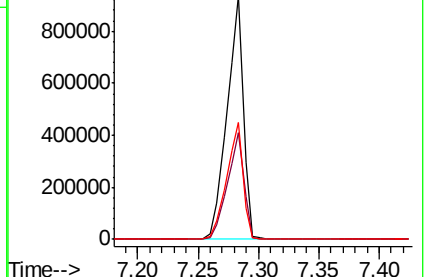
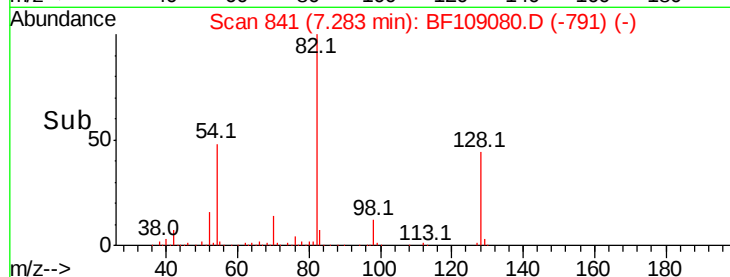
54 48.1 41.4 62.2



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: BF109080.D

Acq: 18 Sep 2018 6:44

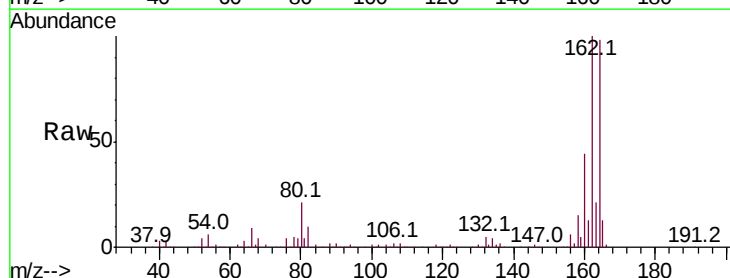
Tgt Ion:164 Resp: 197626

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

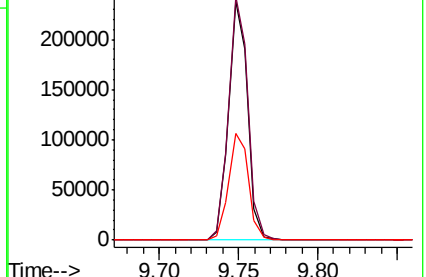
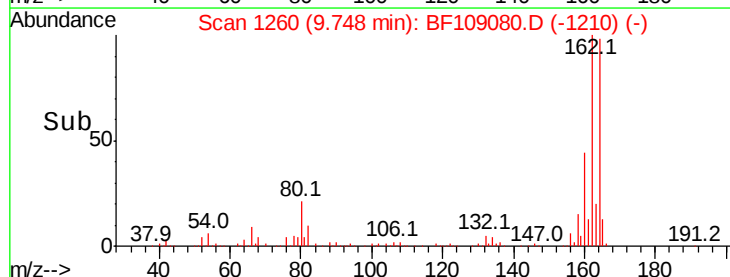
160 44.6 38.3 57.5

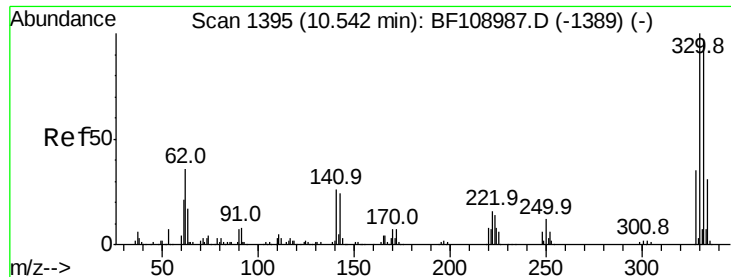


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

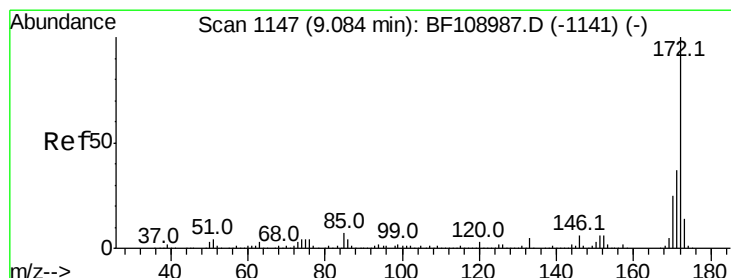
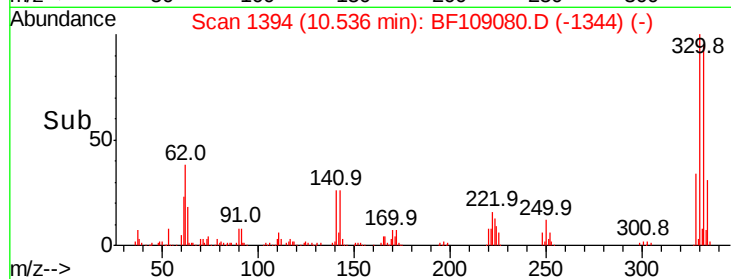
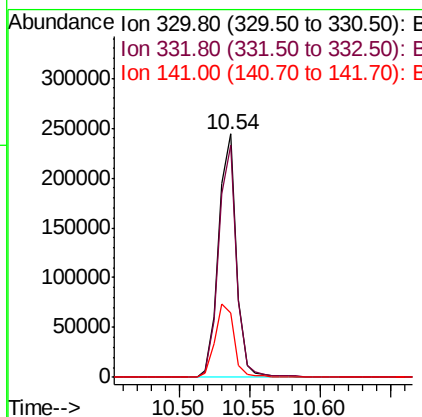
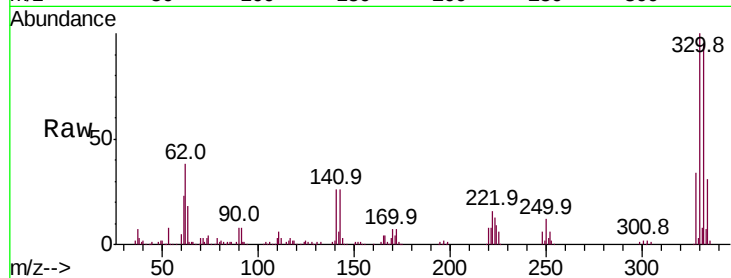




#41
 2,4,6-Tribromophenol
 Concen: 100.871 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109080.D
 Acq: 18 Sep 2018 6:44

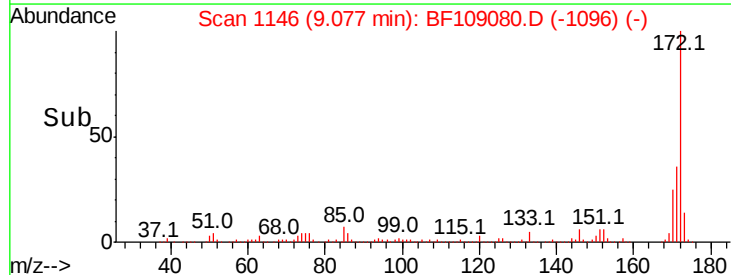
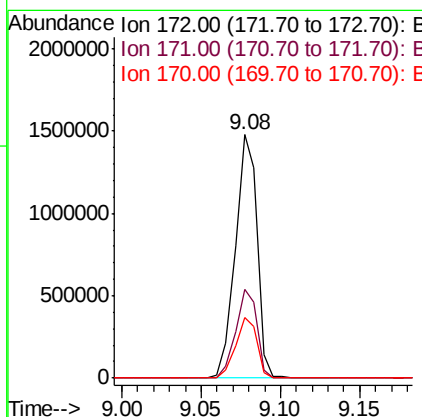
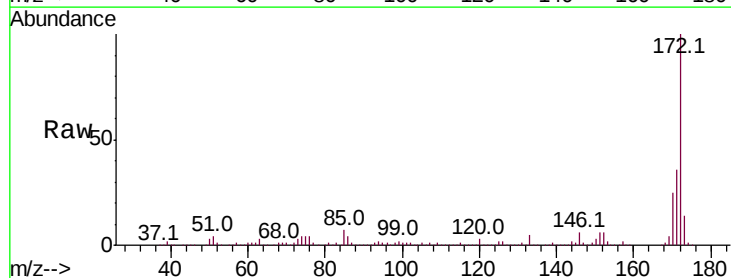
Instrument :
 BNA_F
 ClientSampleId :
 CBH-140(4)

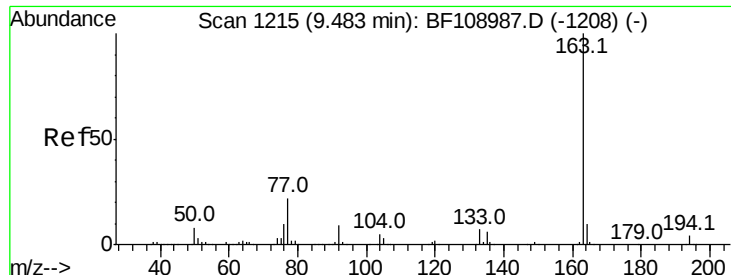
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 110.979 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109080.D
 Acq: 18 Sep 2018 6:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.8	19.6	29.4

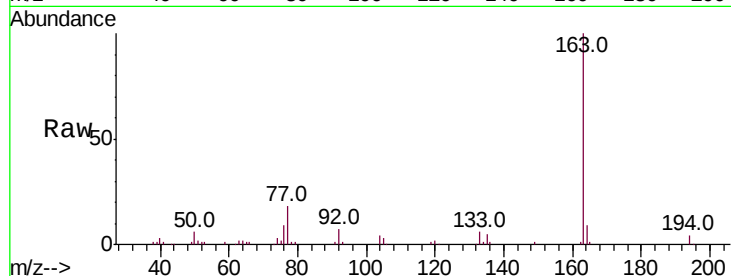




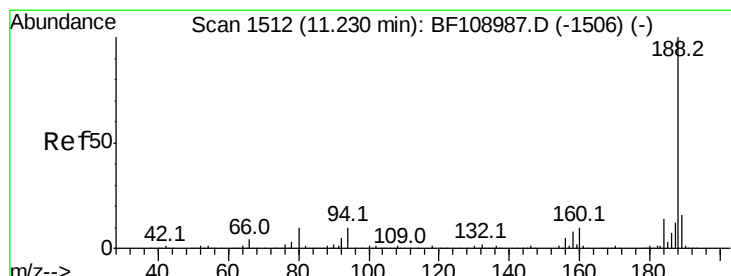
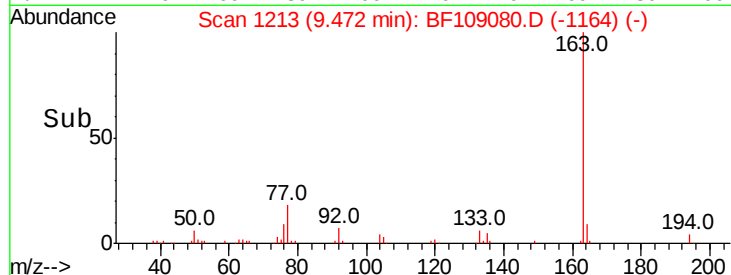
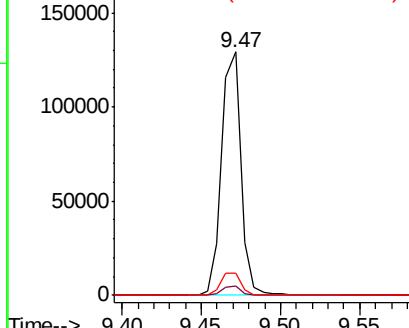
#49
 Dimethylphthalate
 Concen: 7.802 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF109080.D
 Acq: 18 Sep 2018 6:44

Instrument :
 BNA_F
 ClientSampleId :
 CBH-140(4)

Tot Ion:163 Resp: 110209
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 9.1 8.2 12.2

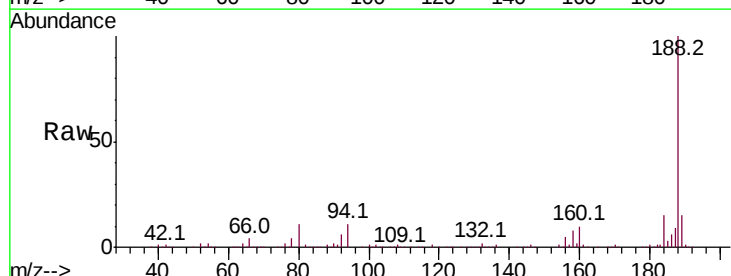


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

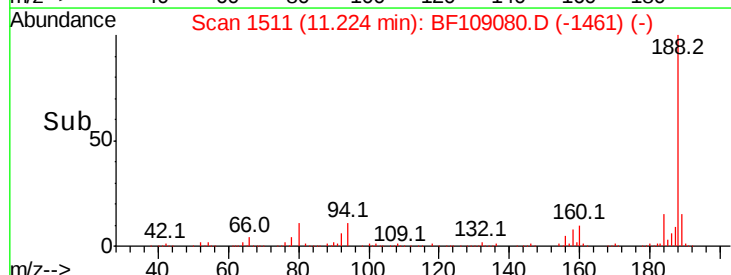
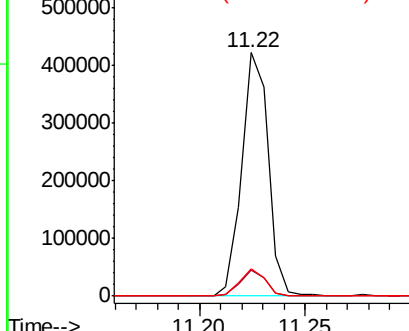


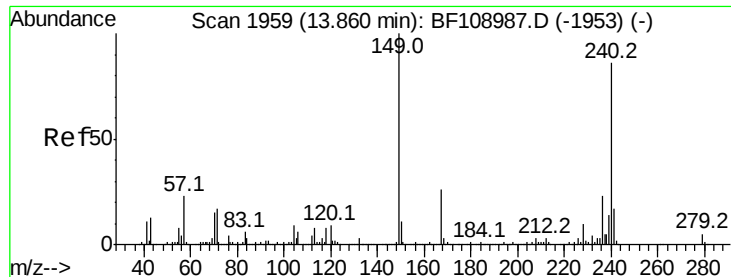
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109080.D
 Acq: 18 Sep 2018 6:44

Tgt Ion:188 Resp: 366705
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.3 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: BF109080.D

Acq: 18 Sep 2018 6:44

Instrument :

BNA_F

ClientSampleId :

CBH-140(4)

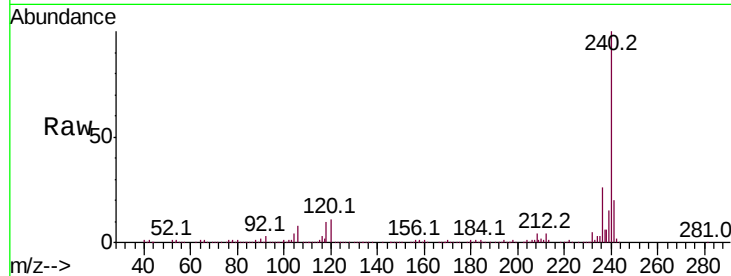
Tot Ion:240 Resp: 330643

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

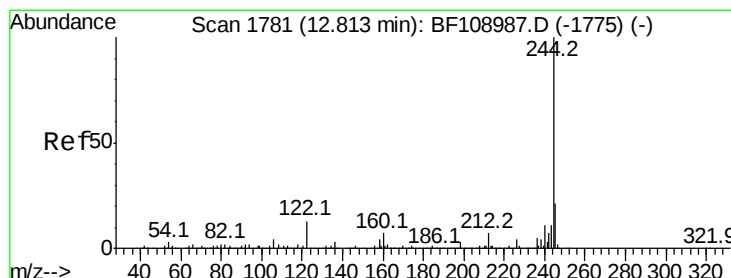
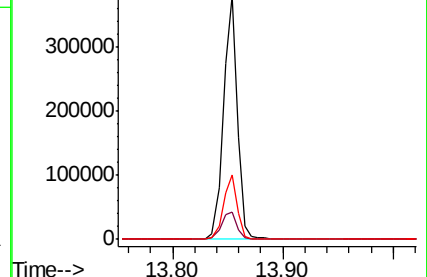
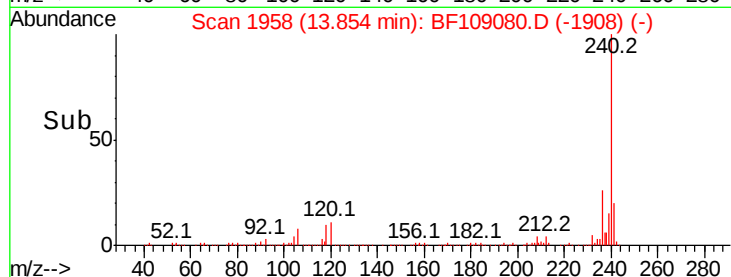
236 26.3 20.7 31.1



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: 102.144 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109080.D

Acq: 18 Sep 2018 6:44

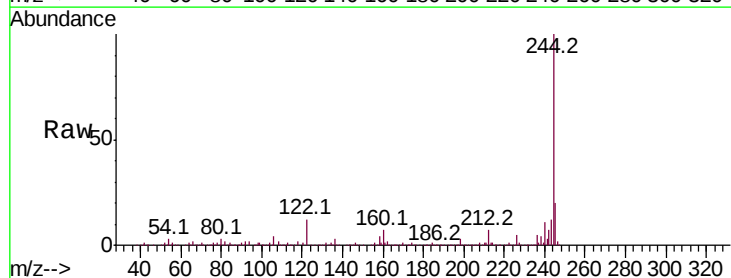
Tgt Ion:244 Resp: 1424870

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

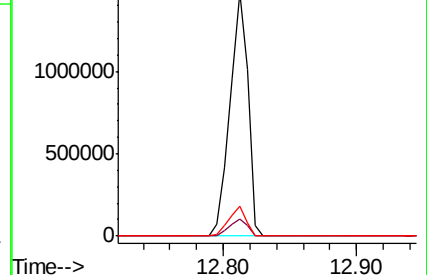
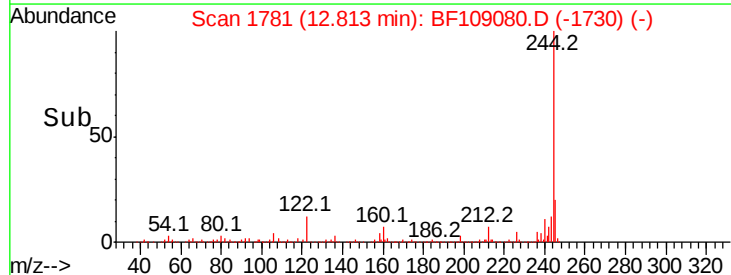
122 12.1 11.0 16.4

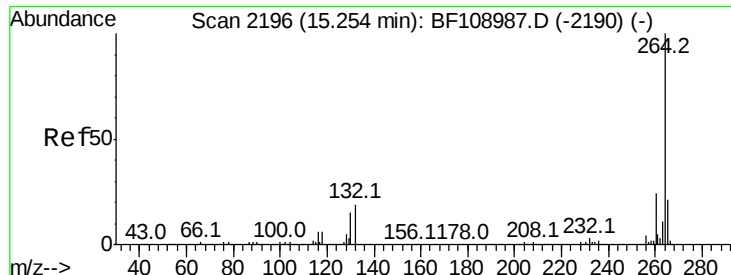


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

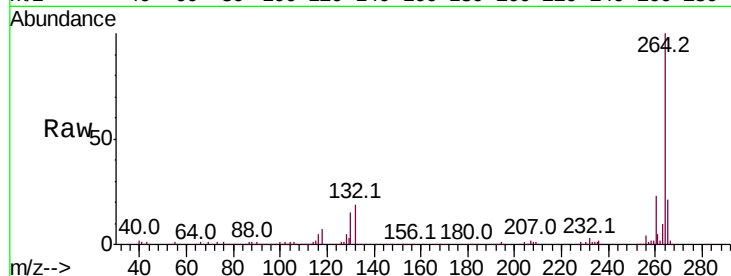




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109080.D
 Acq: 18 Sep 2018 6:44

Instrument :
 BNA_F
 ClientSampleId :
 CBH-140(4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.9	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

