

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098895.D
 Acq On : 28 Sep 2017 7:39
 Operator : SJ/JU
 Sample : I5443-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Quant Time: Sep 28 08:48:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

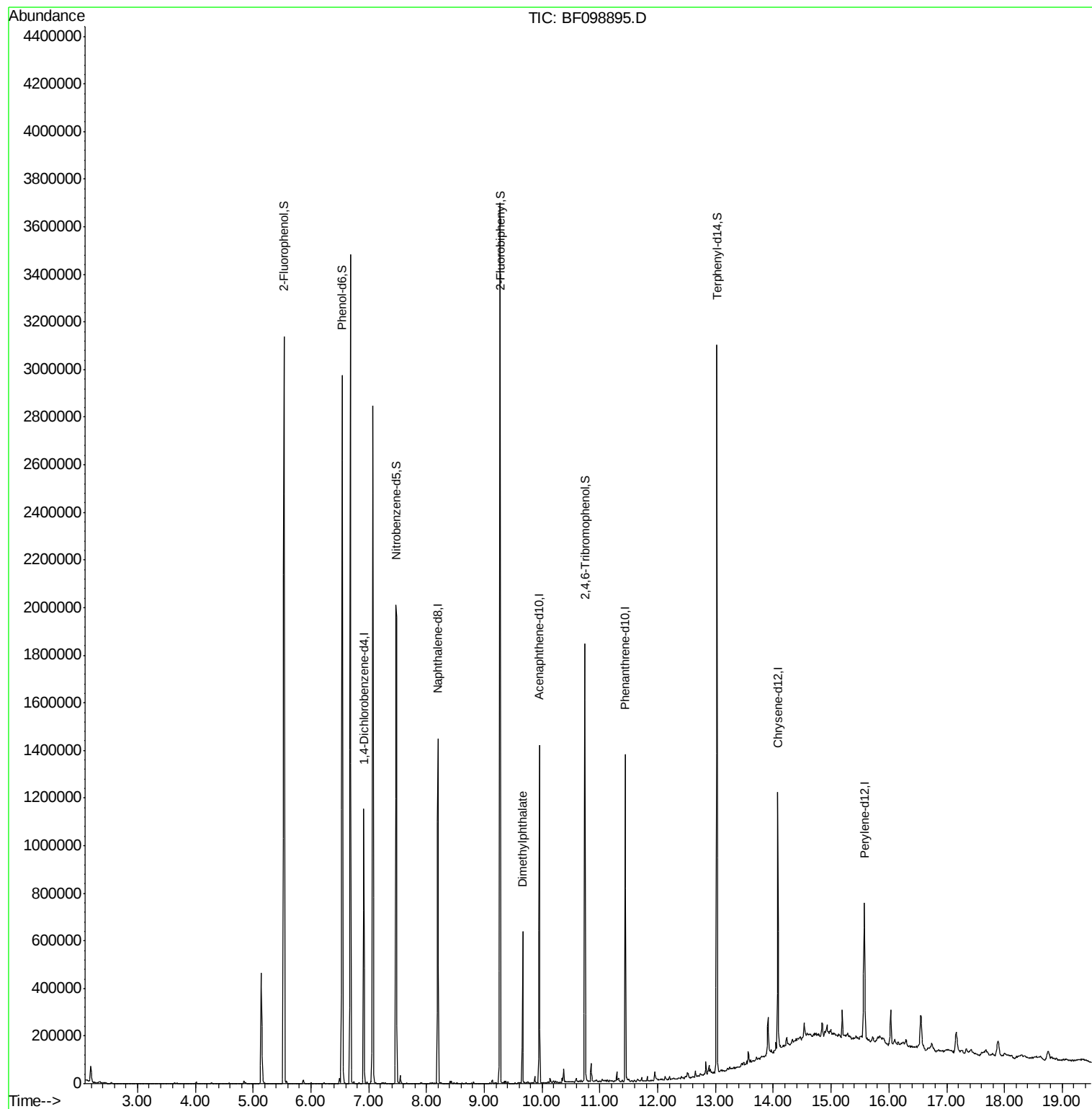
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	147709	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	611039	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	258872	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	420987	20.00	ng	0.00
75) Chrysene-d12	14.08	240	325971	20.00	ng	0.00
86) Perylene-d12	15.57	264	229411	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	973542	104.92	ng	0.00
7) Phenol-d6	6.54	99	1209030	105.63	ng	0.00
23) Nitrobenzene-d5	7.47	82	722291	75.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	205452	96.99	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1233850	79.57	ng	0.00
78) Terphenyl-d14	13.03	244	975178	68.04	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	246478	12.615	ng	99

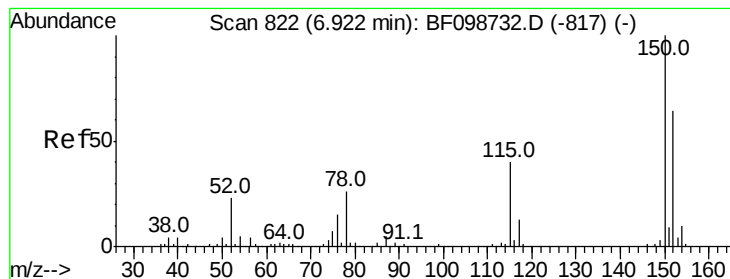
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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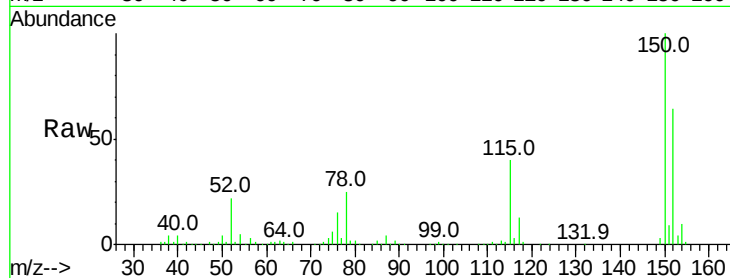


#1

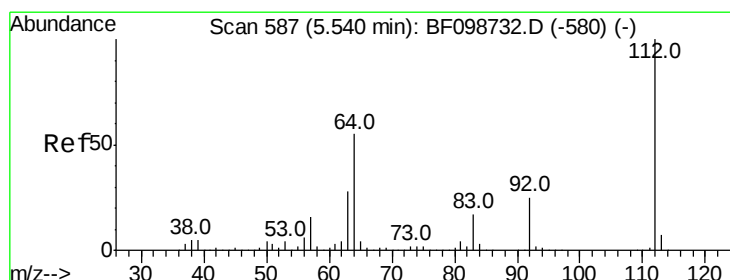
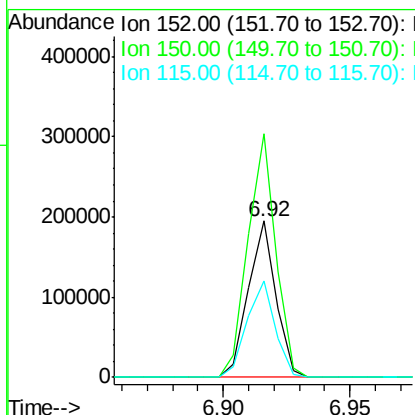
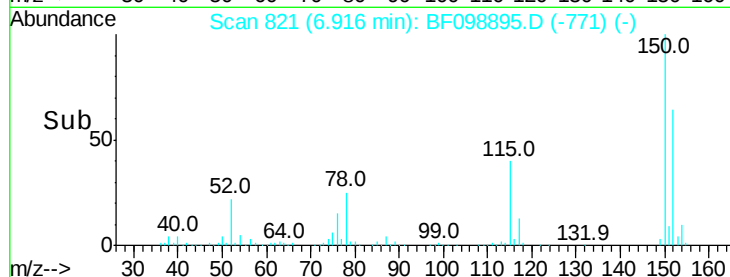
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098895.D
 Acq: 28 Sep 2017 7:39

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Tot Ion:152 Resp: 147709
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 186.8
 115 61.8 50.1 75.1



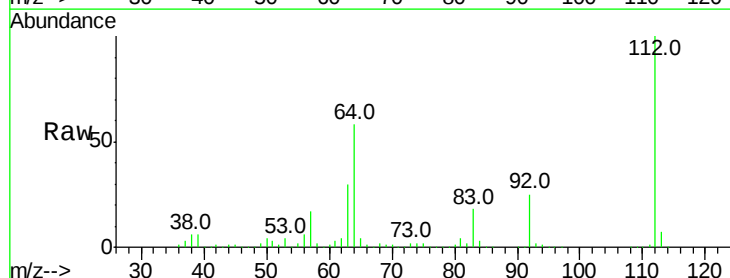
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



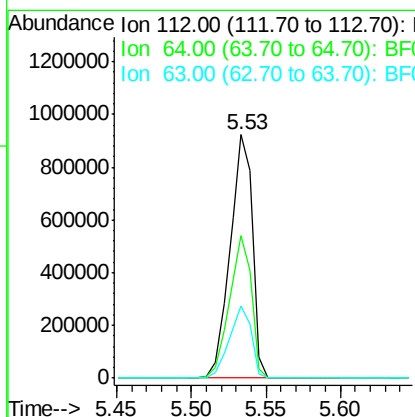
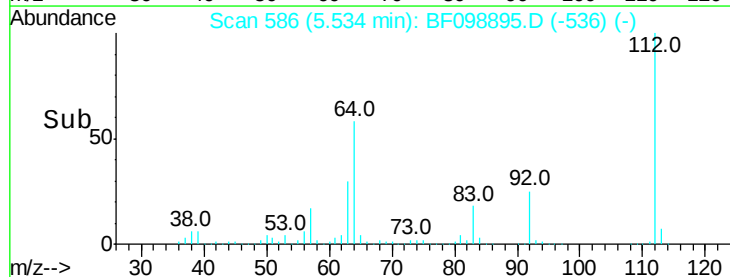
#5

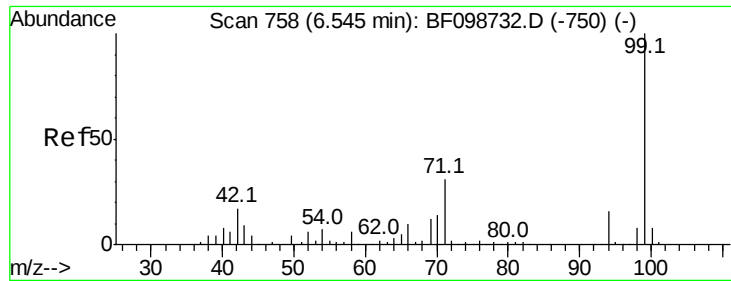
2-Fluorophenol
 Concen: 104.921 ng
 RT: 5.53 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF098895.D
 Acq: 28 Sep 2017 7:39

Tgt Ion:112 Resp: 973542
 Ion Ratio Lower Upper
 112 100
 64 58.4 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): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.625 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098895.D

Acq: 28 Sep 2017 7:39

Instrument :

BNA_F

ClientSampled :

B-4

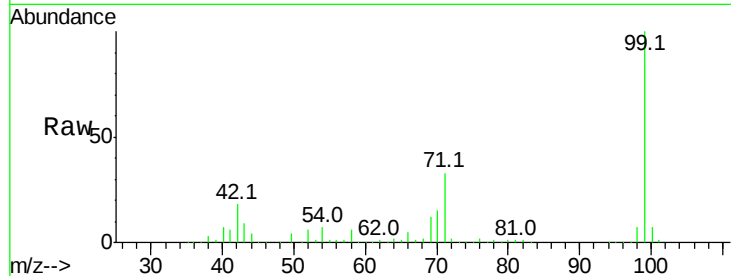
Tot Ion: 99 Resp: 1209030

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

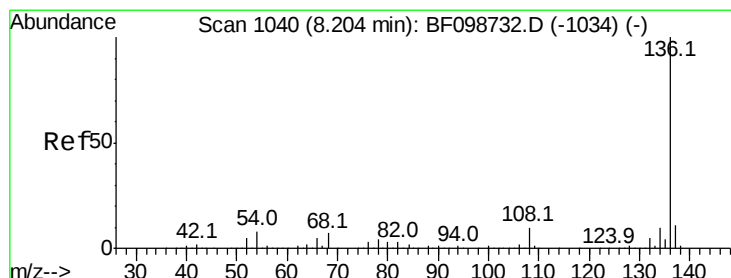
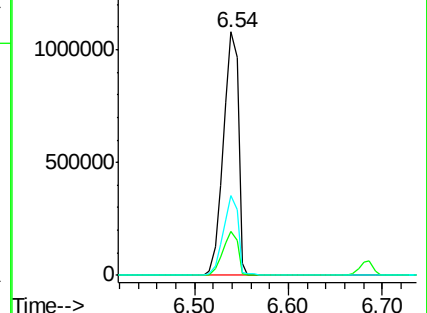
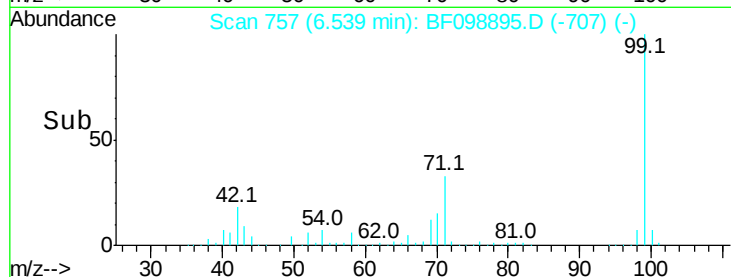
71 32.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098895.D

Acq: 28 Sep 2017 7:39

Tgt Ion: 136 Resp: 611039

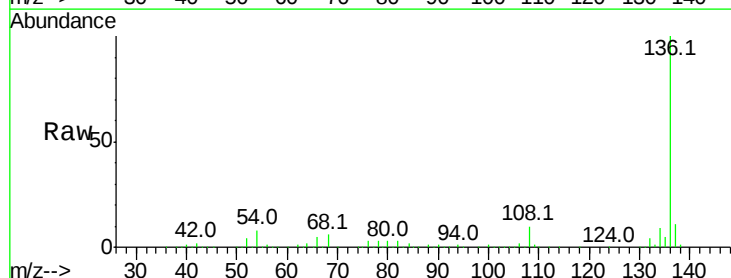
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.7 6.6 9.8

68 5.8 5.0 7.4

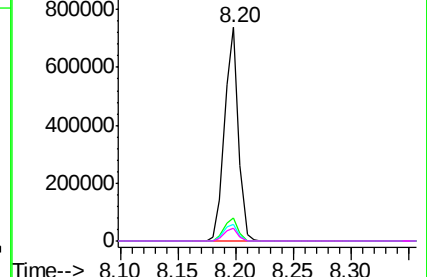
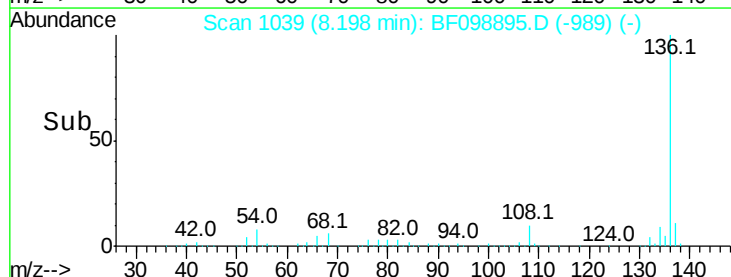


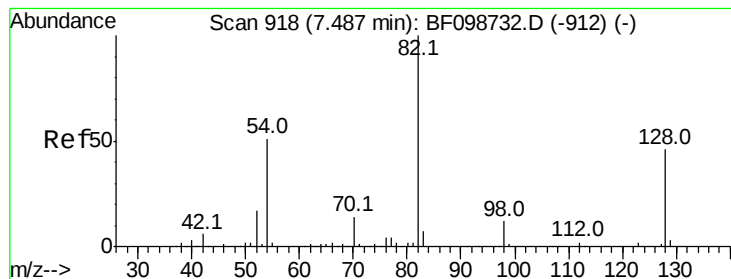
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 75.806 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098895.D

Acq: 28 Sep 2017 7:39

Instrument :

BNA_F

ClientSampled :

B-4

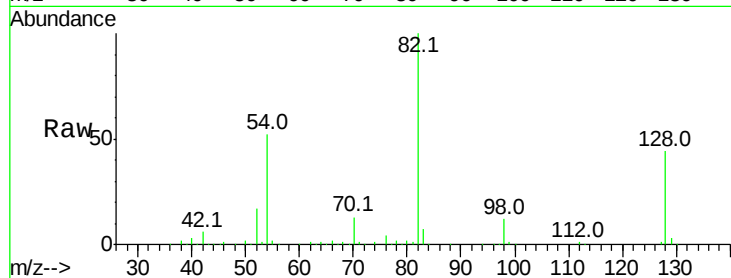
Tot Ion: 82 Resp: 722291

Ion Ratio Lower Upper

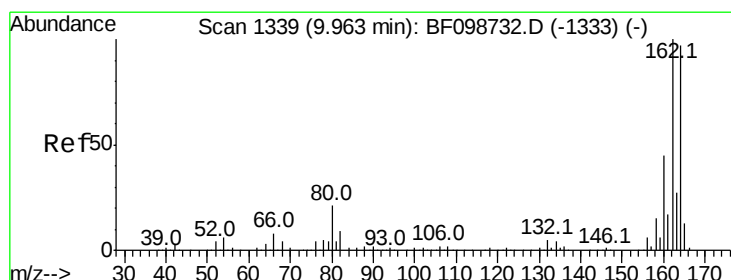
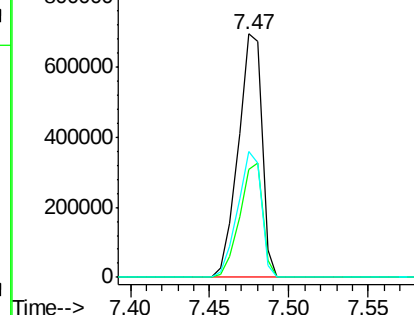
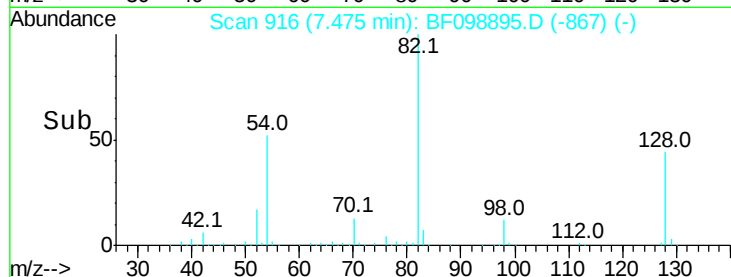
82 100

128 44.1 36.1 54.1

54 51.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098895.D

Acq: 28 Sep 2017 7:39

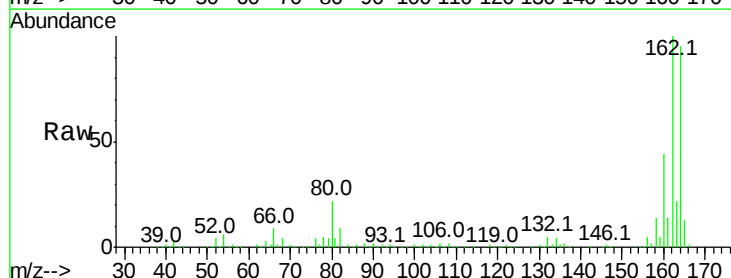
Tgt Ion:164 Resp: 258872

Ion Ratio Lower Upper

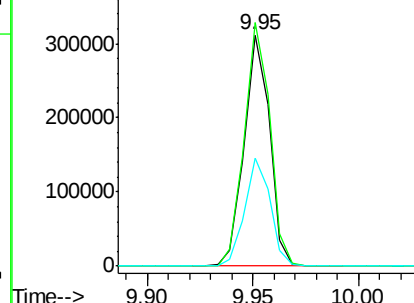
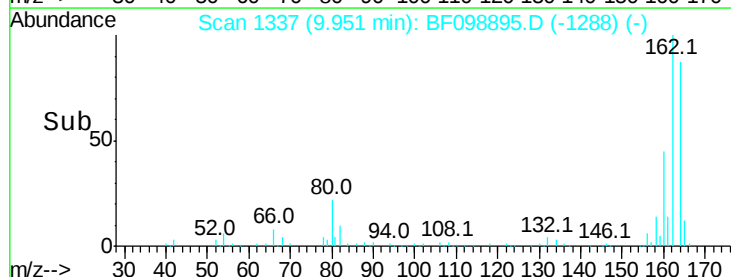
164 100

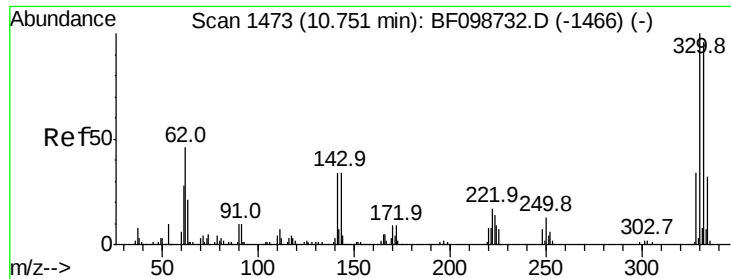
162 105.3 86.1 129.1

160 46.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

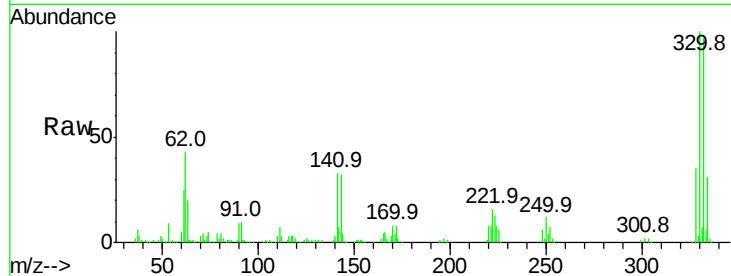




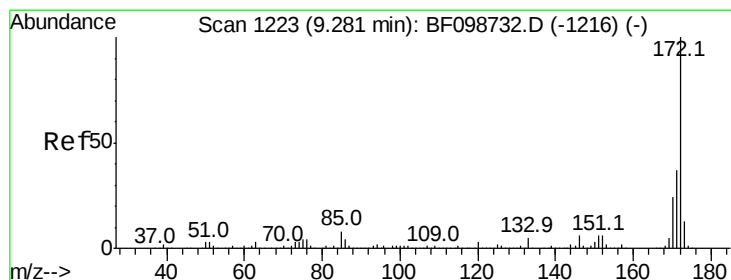
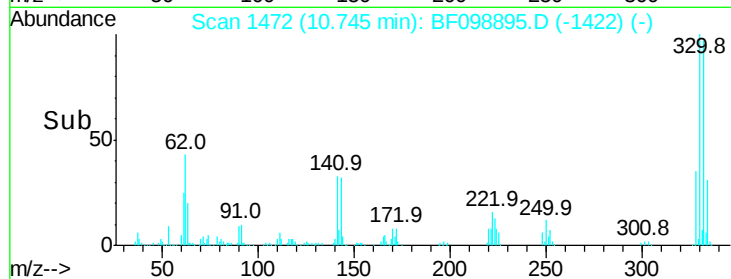
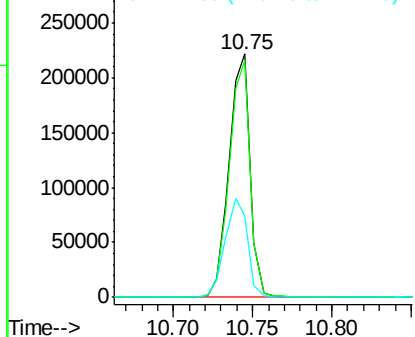
#41
 2,4,6-Tribromophenol
 Concen: 96.990 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098895.D
 Acq: 28 Sep 2017 7:39

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	43.1	29.9	44.9

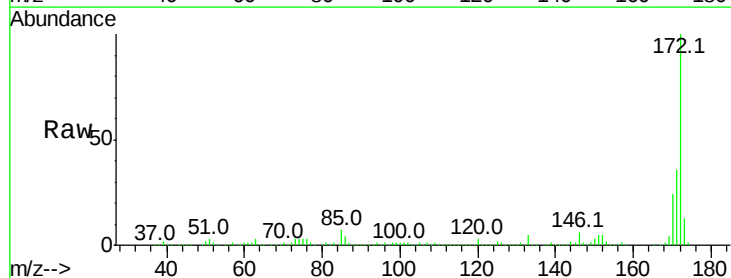


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

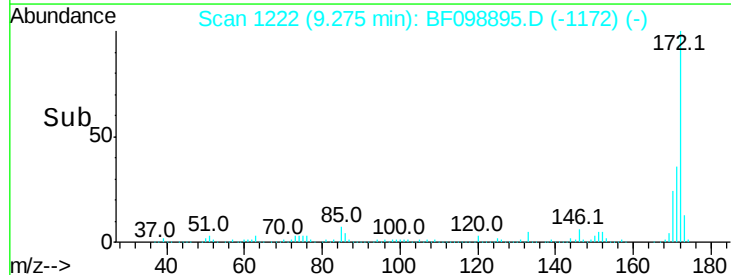
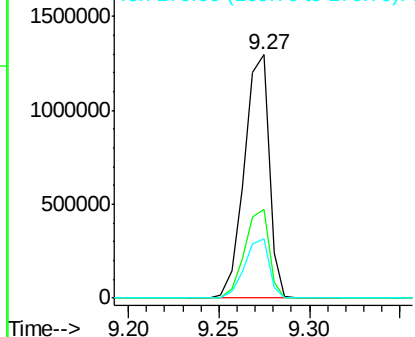


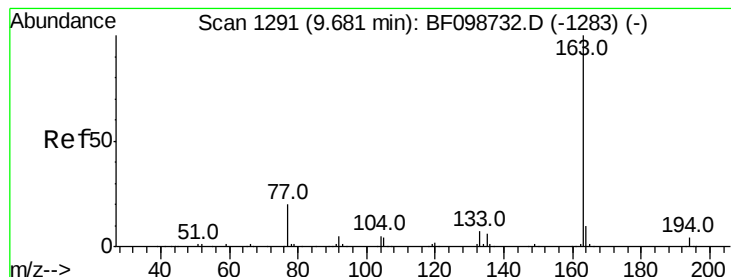
#44
 2-Fluorobiphenyl
 Concen: 79.569 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098895.D
 Acq: 28 Sep 2017 7:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	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: 12.615 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF098895.D

Acq: 28 Sep 2017 7:39

Instrument :

BNA_F

ClientSampleId :

B-4

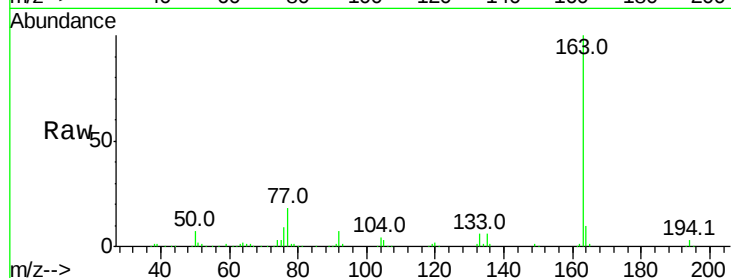
Tot Ion:163 Resp: 246478

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

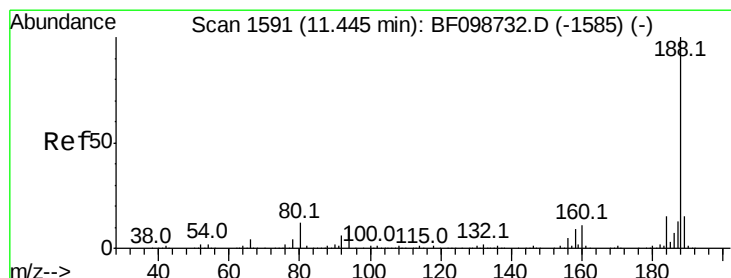
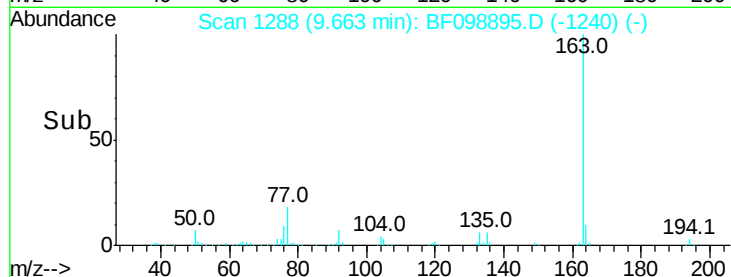
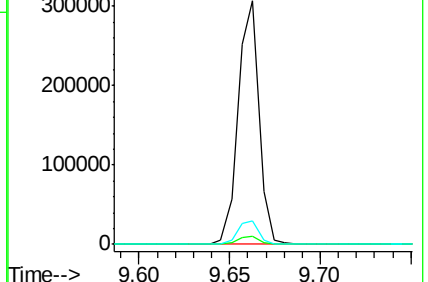
164 9.8 8.2 12.2



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: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098895.D

Acq: 28 Sep 2017 7:39

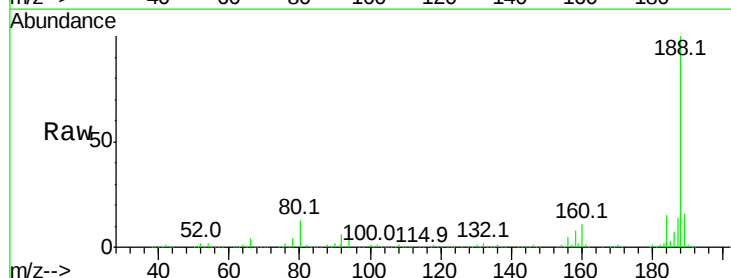
Tgt Ion:188 Resp: 420987

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

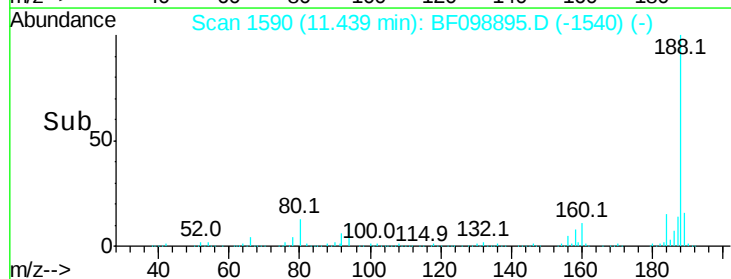
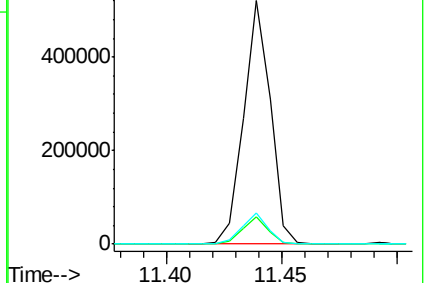
80 12.6 9.2 13.8

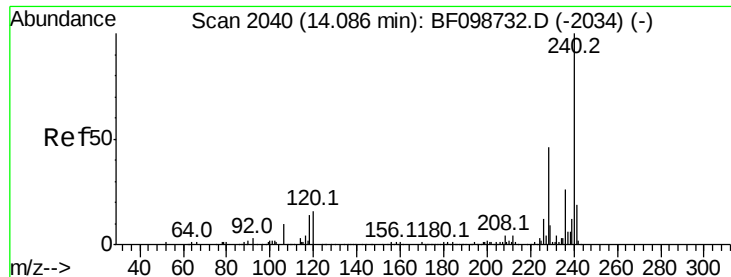


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098895.D

Acq: 28 Sep 2017 7:39

Instrument :

BNA_F

ClientSampleId :

B-4

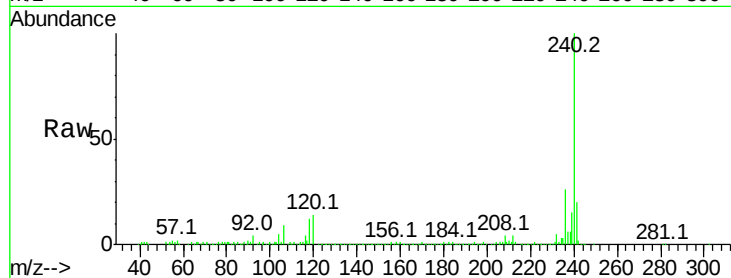
Tot Ion:240 Resp: 325971

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

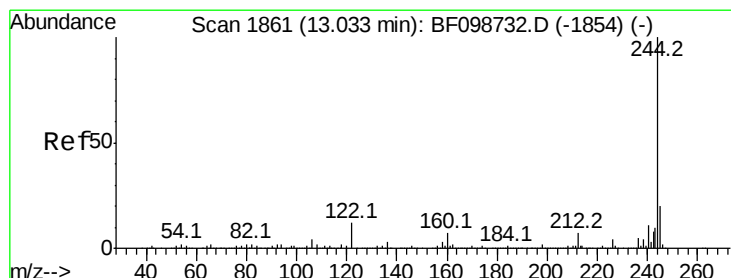
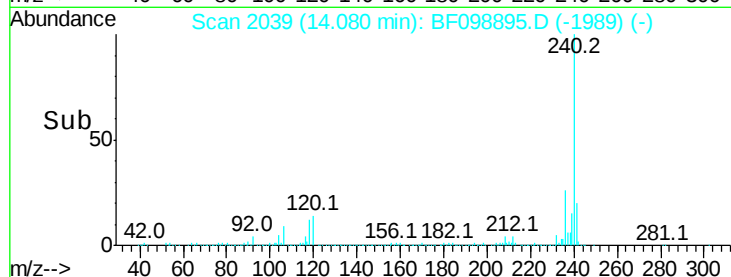
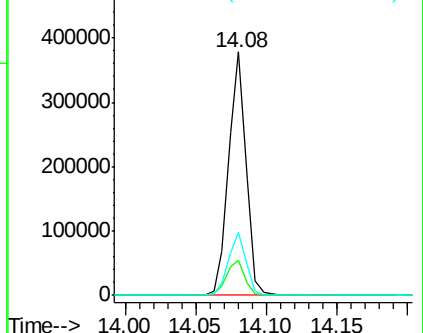
236 25.8 20.7 31.1



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: 68.035 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098895.D

Acq: 28 Sep 2017 7:39

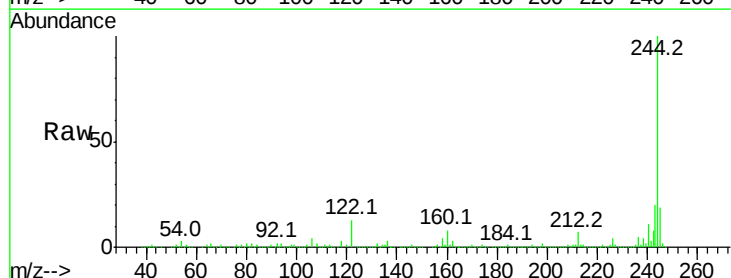
Tgt Ion:244 Resp: 975178

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

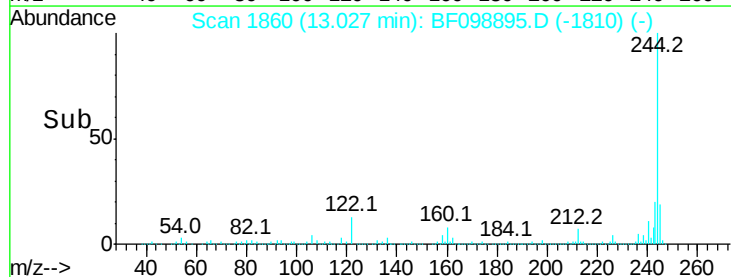
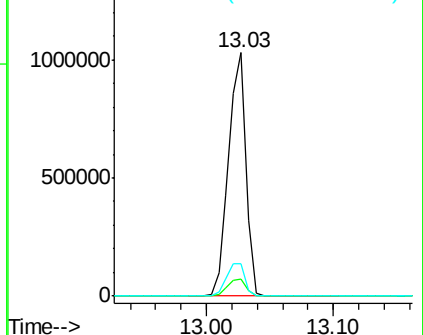
122 13.4 11.0 16.4

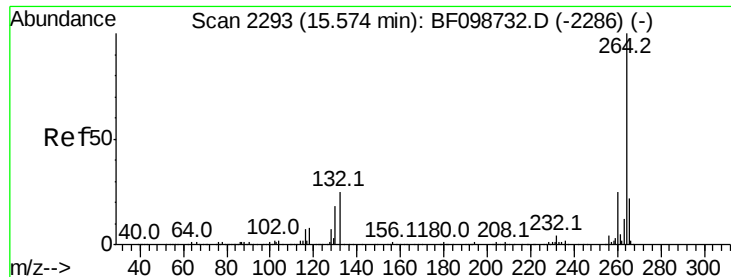


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

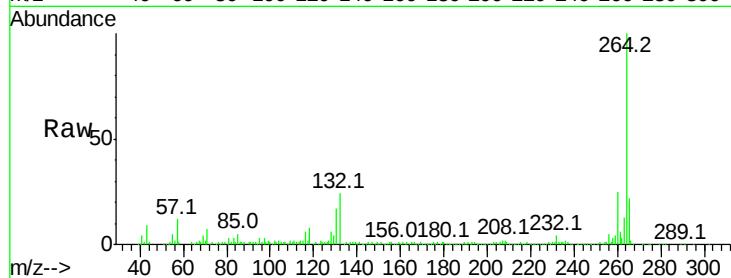




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF098895.D
 Acq: 28 Sep 2017 7:39

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.1	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

