

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098611.D
 Acq On : 18 Sep 2017 19:30
 Operator : SJ/JU
 Sample : I5253-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C7-C8-D7-D8

Quant Time: Sep 19 06:45:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

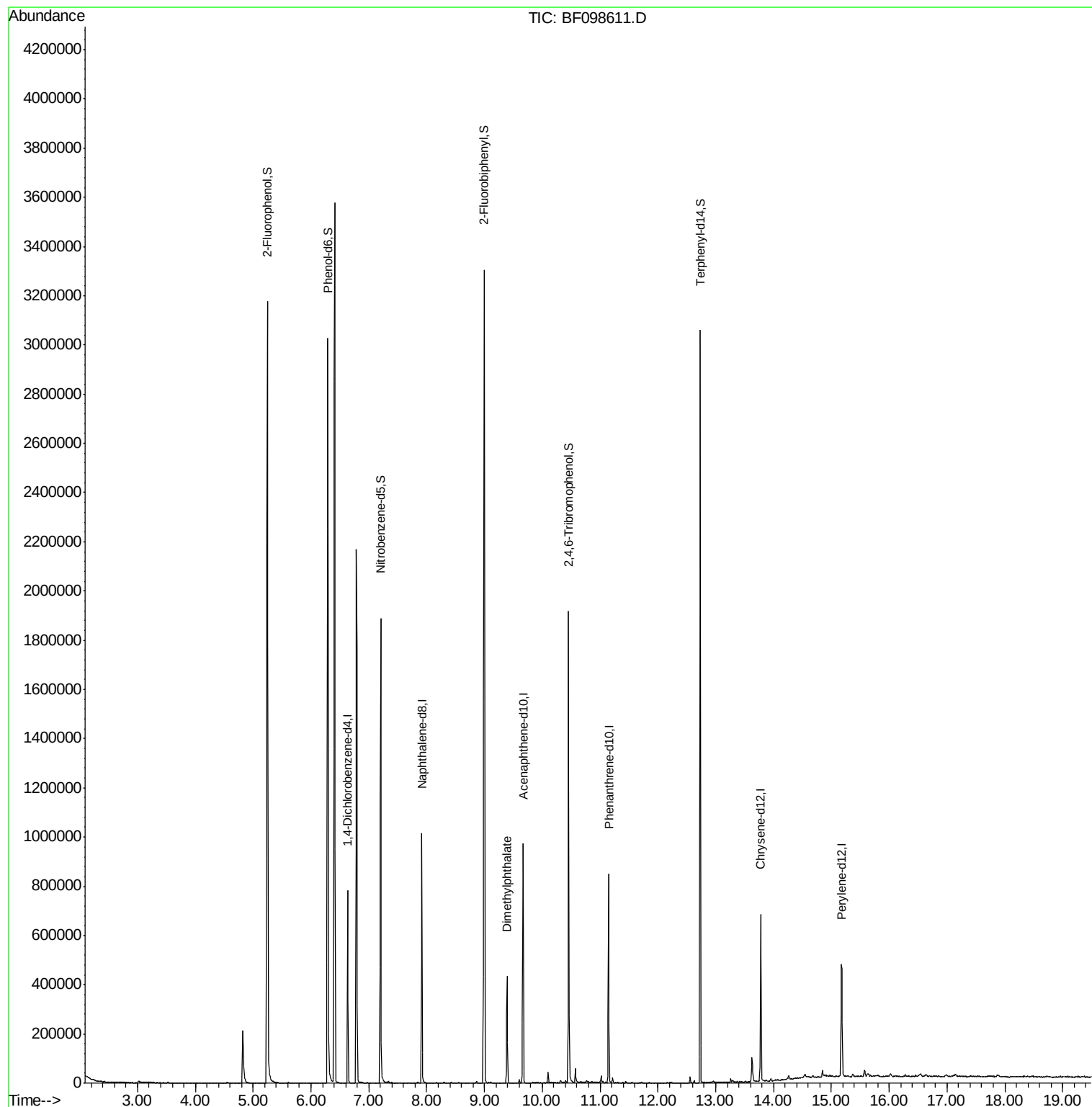
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	105039	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	419393	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	184975	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	314450	20.00	ng	0.00
75) Chrysene-d12	13.78	240	214482	20.00	ng	0.00
86) Perylene-d12	15.17	264	190422	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	869052	122.33	ng	0.00
7) Phenol-d6	6.29	99	1069609	118.58	ng	0.00
23) Nitrobenzene-d5	7.20	82	628964	83.61	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	198626	160.89	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1080581	99.01	ng	0.00
78) Terphenyl-d14	12.73	244	897762	90.35	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	155482	10.859	ng	Qvalue 99

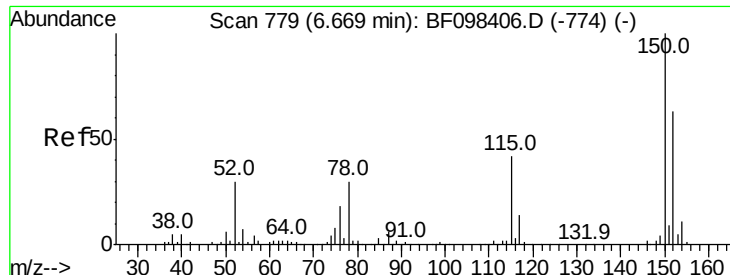
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 18 13:37:24 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF098611.D

Acq: 18 Sep 2017 19:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C7-C8-D7-D8

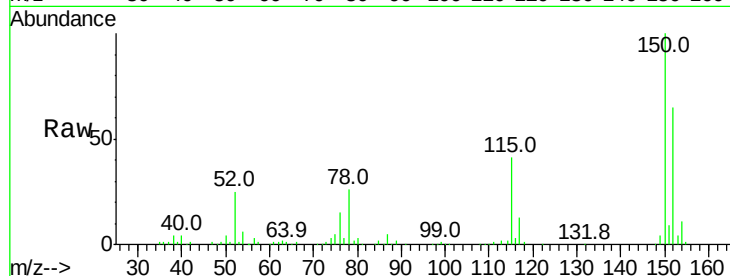
Tot Ion:152 Resp: 105039

Ion Ratio Lower Upper

152 100

150 154.4 126.2 189.2

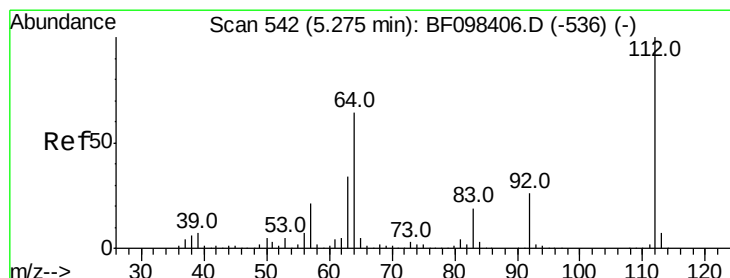
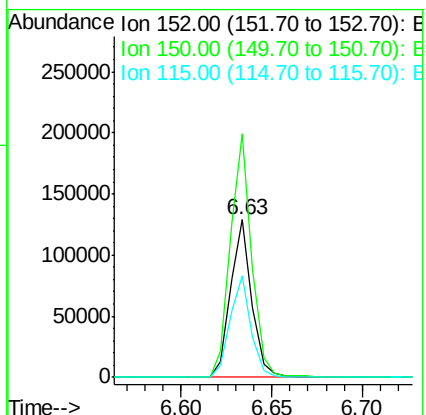
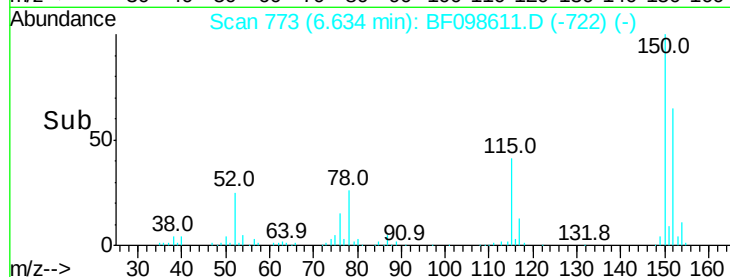
115 64.1 52.2 78.2



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: 122.327 ng

RT: 5.25 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF098611.D

Acq: 18 Sep 2017 19:30

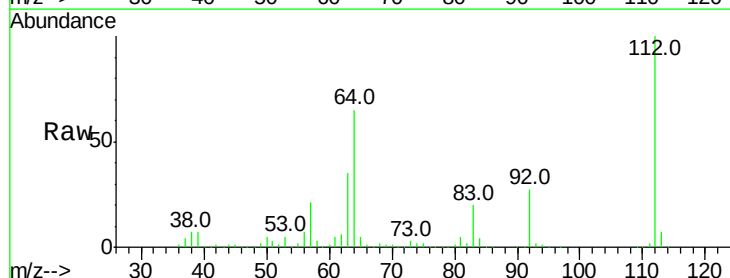
Tgt Ion:112 Resp: 869052

Ion Ratio Lower Upper

112 100

64 65.0 46.0 69.0

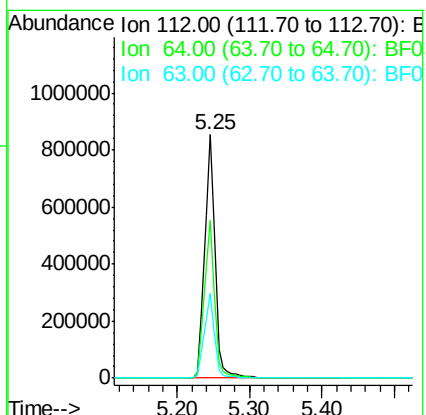
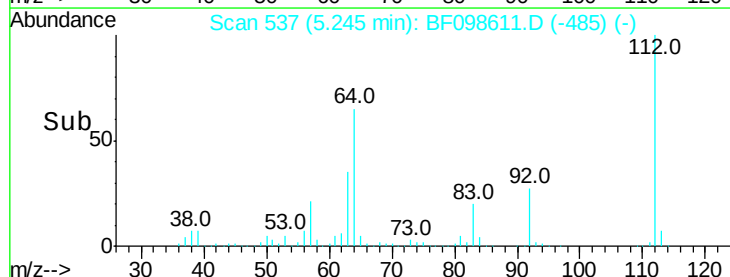
63 34.9 23.4 35.0

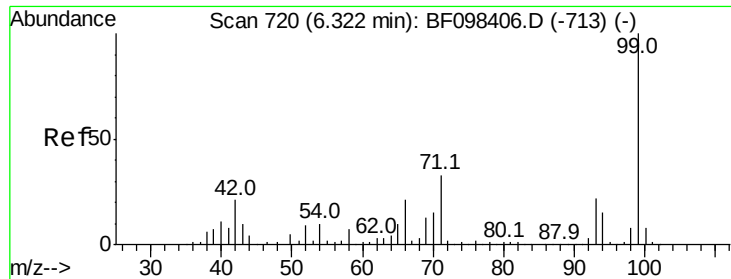


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.581 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF098611.D

Acq: 18 Sep 2017 19:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C7-C8-D7-D8

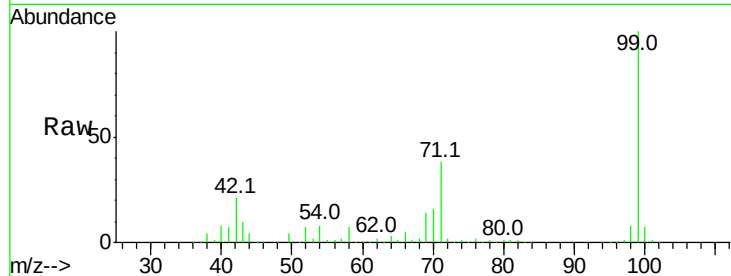
Tot Ion: 99 Resp: 1069609

Ion Ratio Lower Upper

99 100

42 20.5 13.5 20.3#

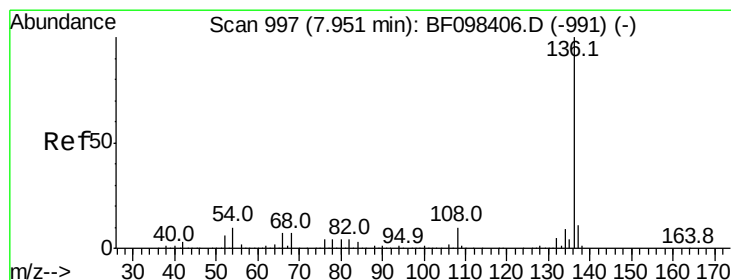
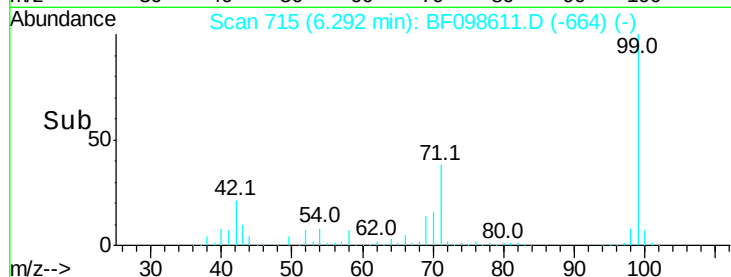
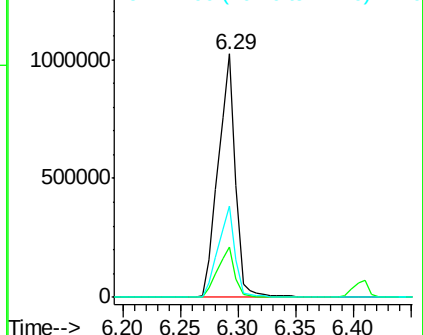
71 37.7 24.5 36.7#



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: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF098611.D

Acq: 18 Sep 2017 19:30

Tgt Ion: 136 Resp: 419393

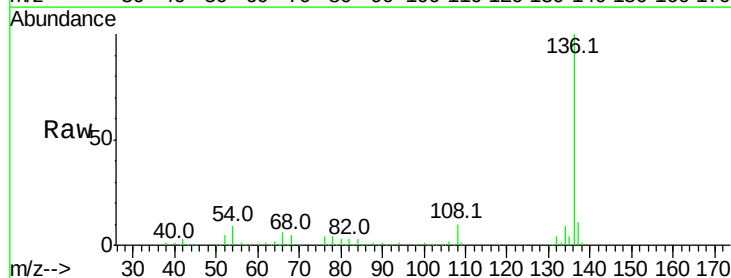
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 8.9 4.9 7.3#

68 4.7 4.1 6.1

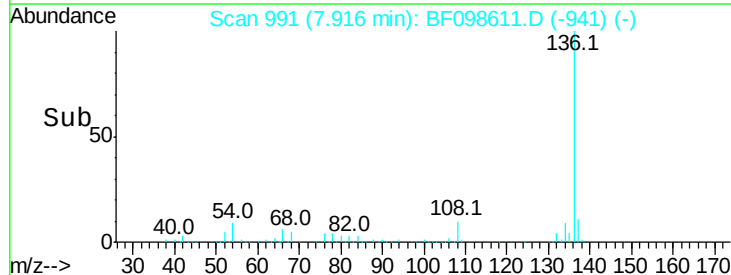
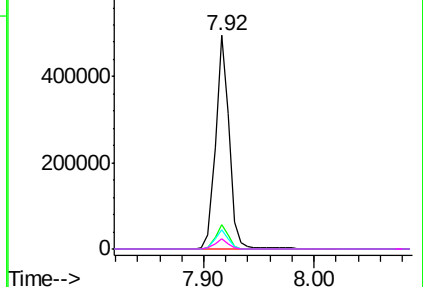


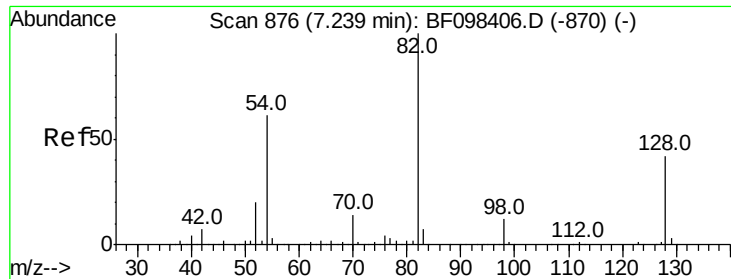
Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.608 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF098611.D

Acq: 18 Sep 2017 19:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C7-C8-D7-D8

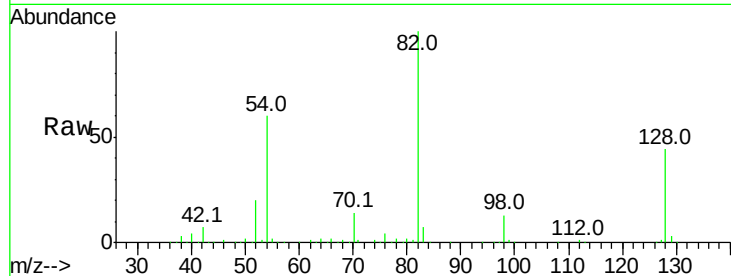
Tot Ion: 82 Resp: 628964

Ion Ratio Lower Upper

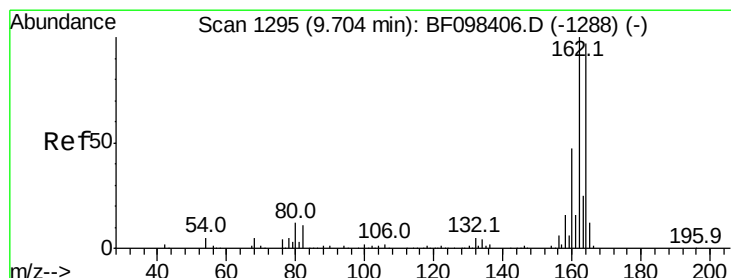
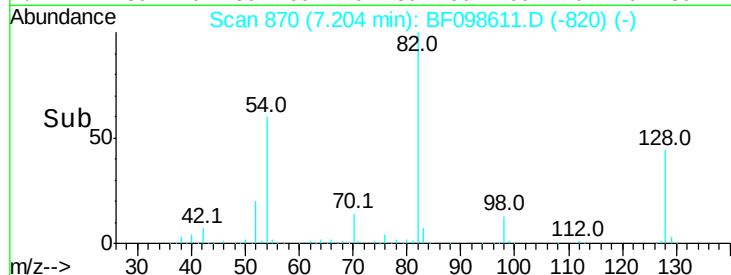
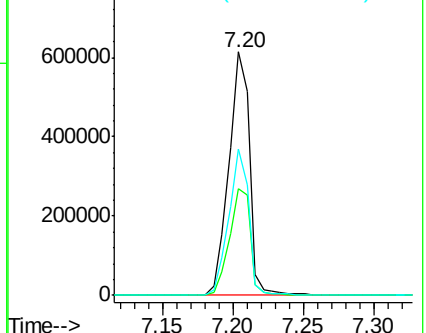
82 100

128 44.1 34.0 51.0

54 60.0 42.2 63.2



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF098611.D

Acq: 18 Sep 2017 19:30

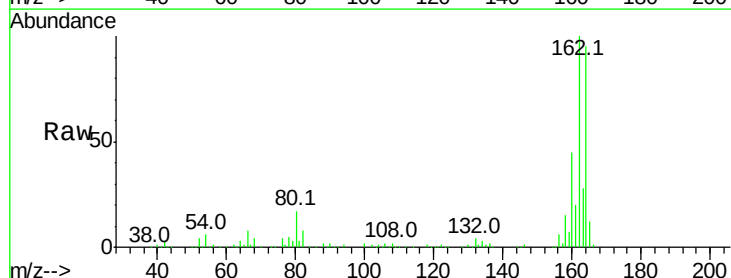
Tgt Ion:164 Resp: 184975

Ion Ratio Lower Upper

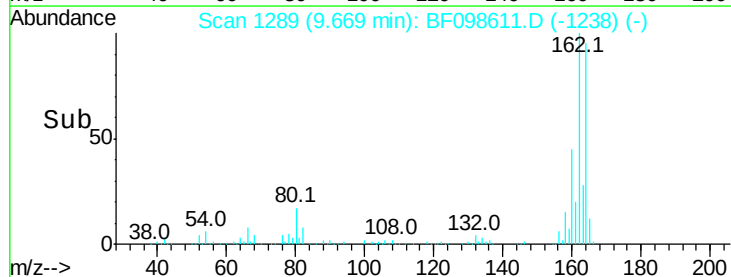
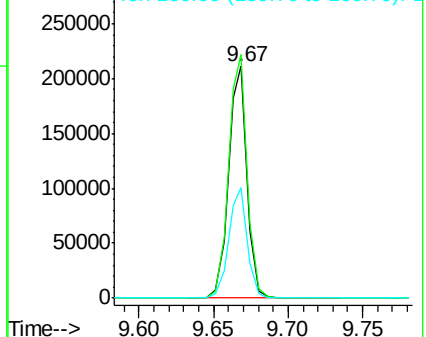
164 100

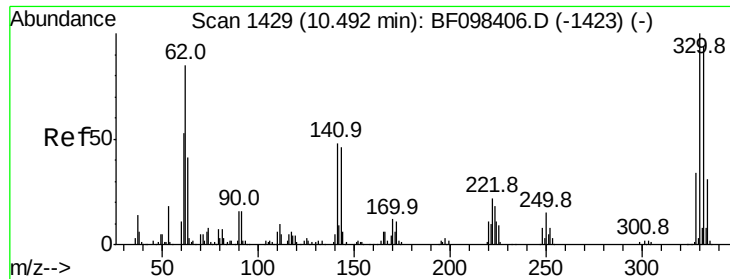
162 105.2 82.6 123.8

160 47.6 36.2 54.2



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

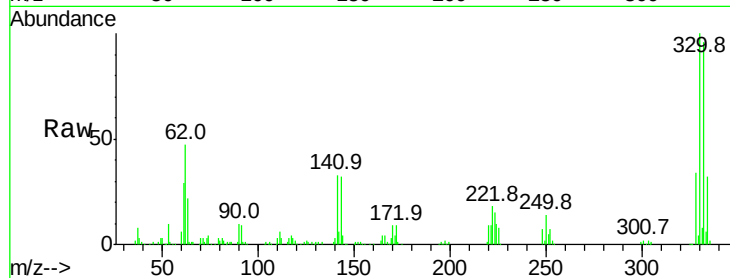




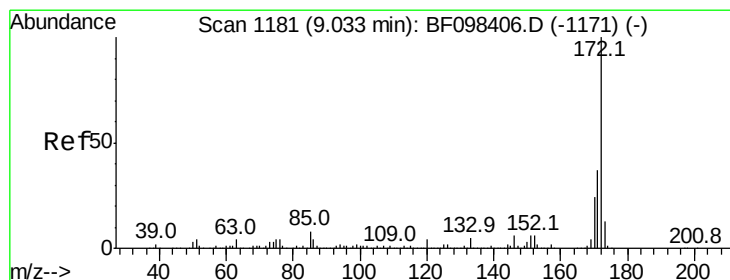
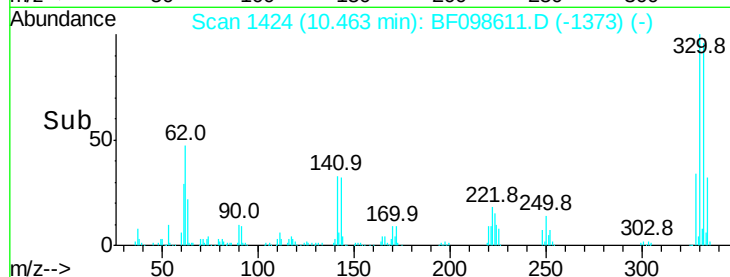
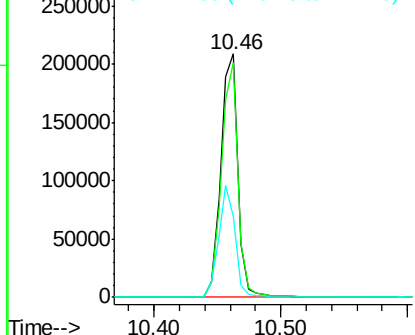
#41
 2,4,6-Tribromophenol
 Concen: 160.888 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF098611.D
 Acq: 18 Sep 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C7-C8-D7-D8

Tot Ion:330 Resp: 198626
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.6 115.0
 141 44.9 31.4 47.2

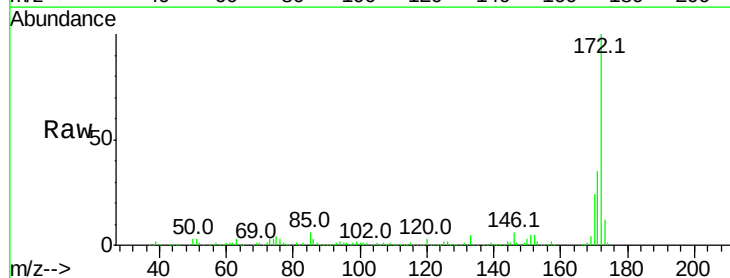


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

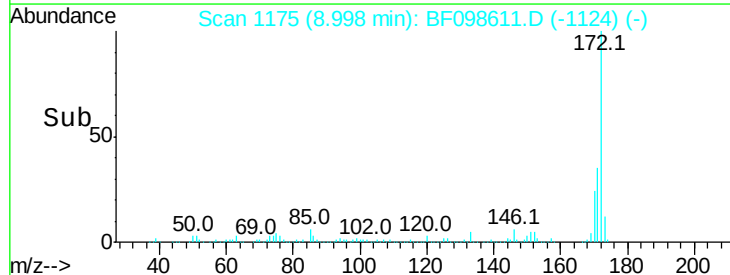
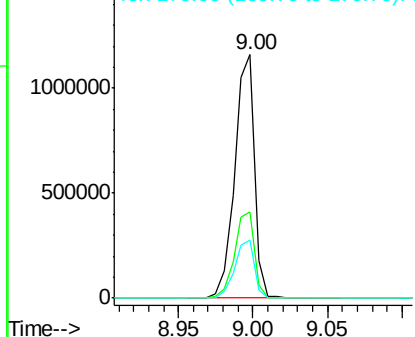


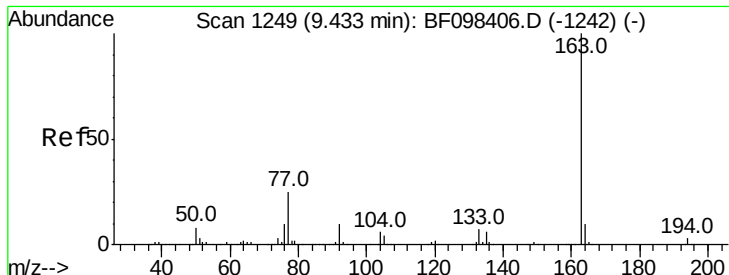
#44
 2-Fluorobiphenyl
 Concen: 99.013 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF098611.D
 Acq: 18 Sep 2017 19:30

Tgt Ion:172 Resp: 1080581
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.7 19.8 29.8



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: 10.859 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF098611.D

Acq: 18 Sep 2017 19:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C7-C8-D7-D8

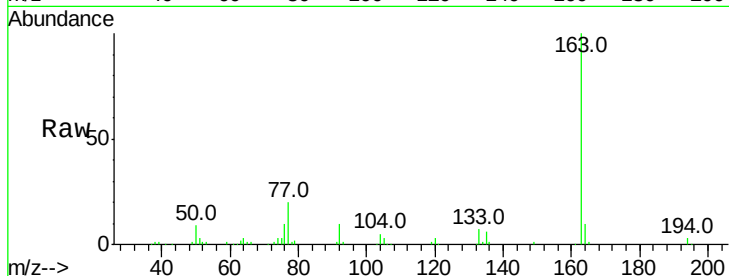
Tot Ion:163 Resp: 155482

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

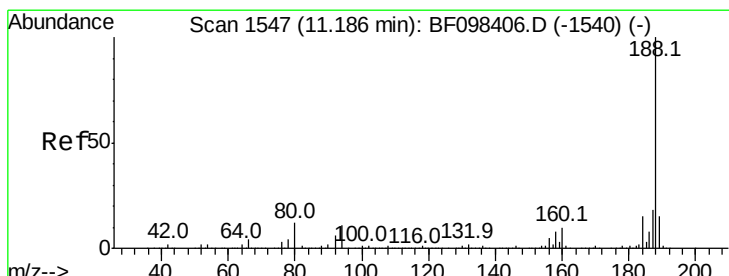
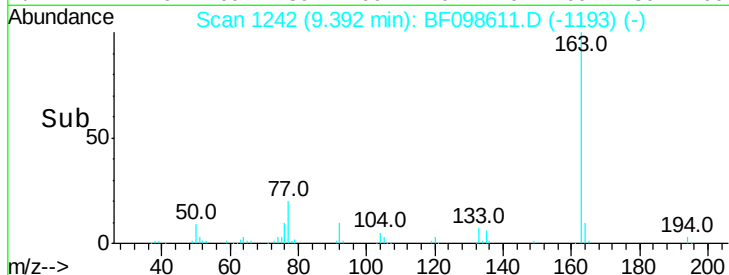
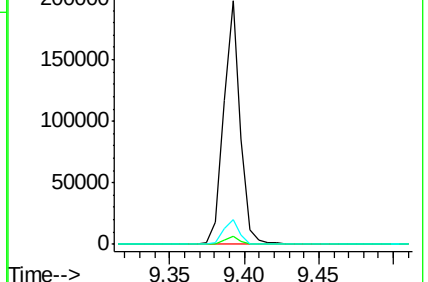
164 10.1 8.4 12.6



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: 11.15 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BF098611.D

Acq: 18 Sep 2017 19:30

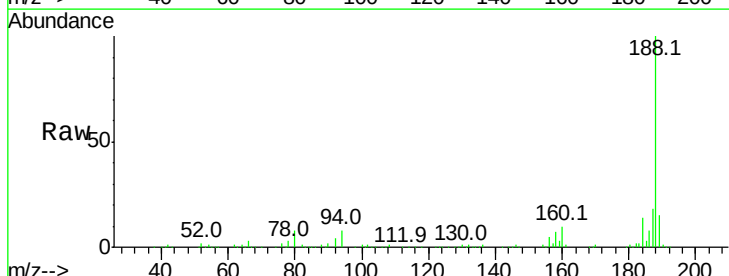
Tgt Ion:188 Resp: 314450

Ion Ratio Lower Upper

188 100

94 7.8 9.4 14.2#

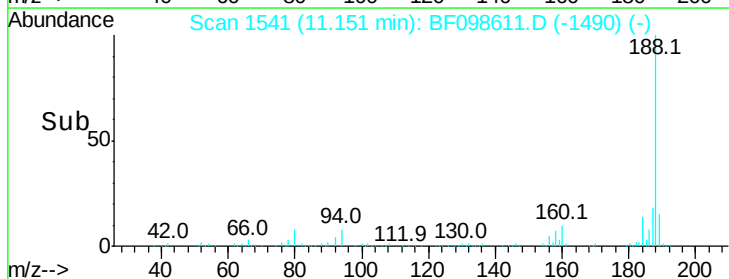
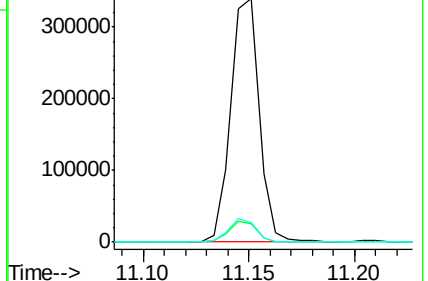
80 8.2 10.2 15.2#

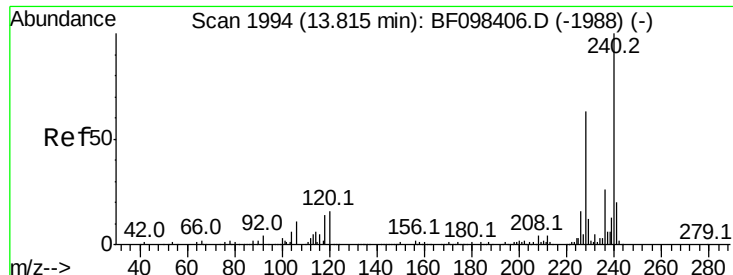


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF098611.D

Acq: 18 Sep 2017 19:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C7-C8-D7-D8

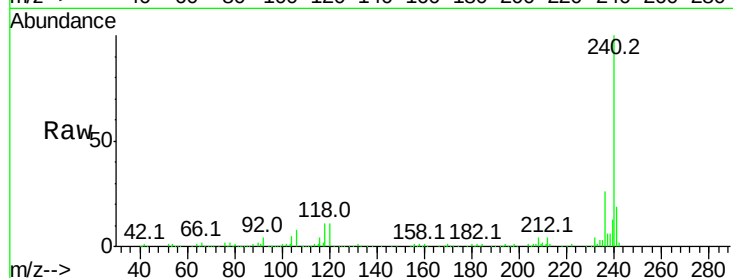
Tot Ion:240 Resp: 214482

Ion Ratio Lower Upper

240 100

120 11.2 5.8 8.8#

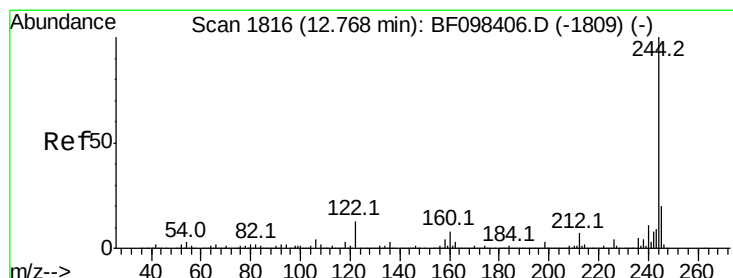
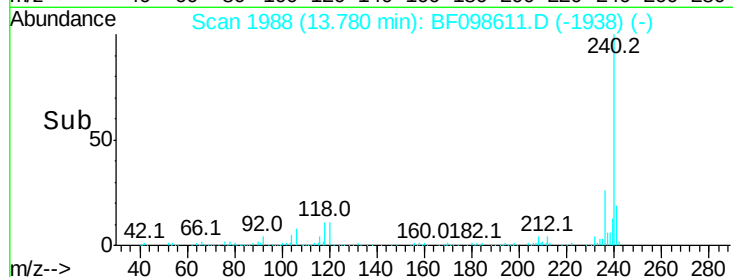
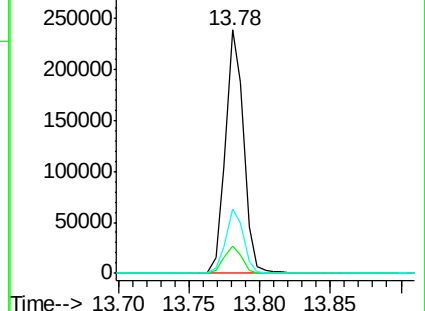
236 26.3 20.5 30.7



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: 90.347 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF098611.D

Acq: 18 Sep 2017 19:30

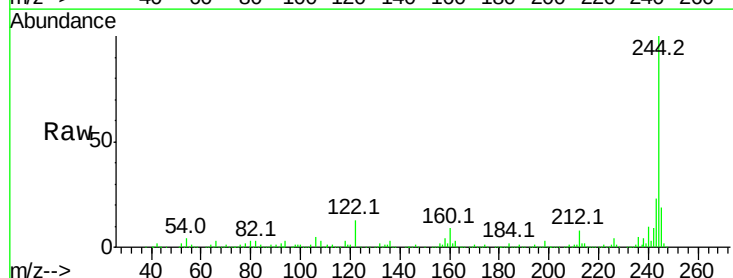
Tgt Ion:244 Resp: 897762

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

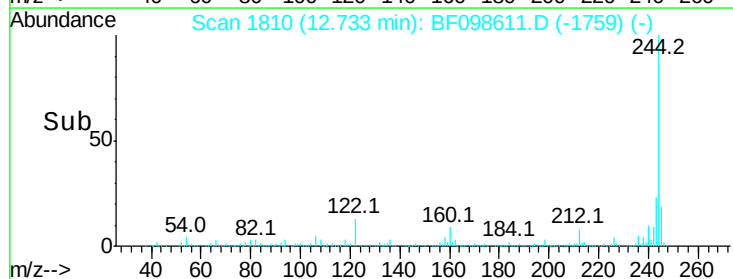
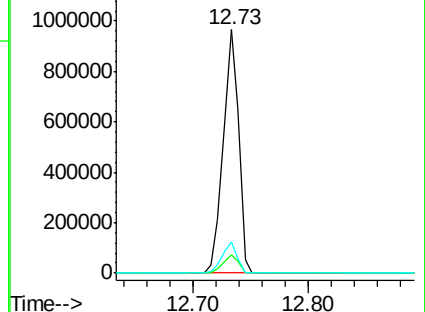
122 12.8 10.3 15.5

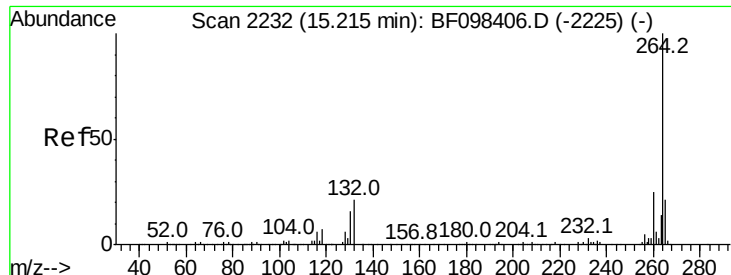


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.17 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF098611.D
 Acq: 18 Sep 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C7-C8-D7-D8

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.9	17.2	25.8

