

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098792.D
 Acq On : 25 Sep 2017 19:39
 Operator : SJ/JU
 Sample : I5395-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-(0-5)

Quant Time: Sep 26 07:06:09 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

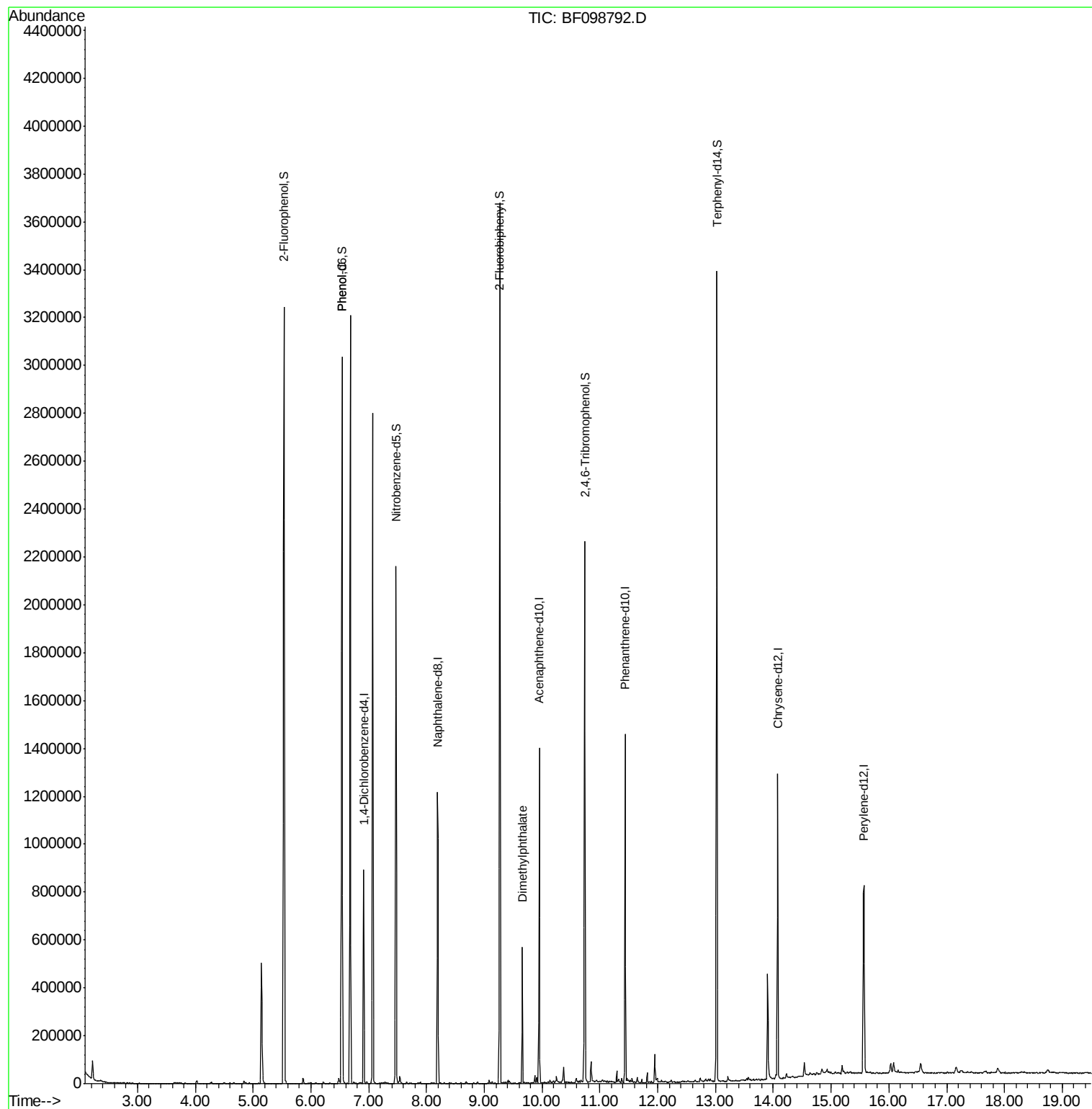
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	132159	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	553128	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	256009	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	472050	20.00	ng	0.00
75) Chrysene-d12	14.07	240	391243	20.00	ng	-0.01
86) Perylene-d12	15.57	264	342280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	998163	120.23	ng	0.00
7) Phenol-d6	6.54	99	1210598	118.21	ng	0.00
23) Nitrobenzene-d5	7.47	82	703879	81.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	260489	124.35	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1173983	76.55	ng	-0.01
78) Terphenyl-d14	13.02	244	1128107	65.57	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	43681	3.814	ng	86
49) Dimethylphthalate	9.66	163	207360	10.732	ng	100

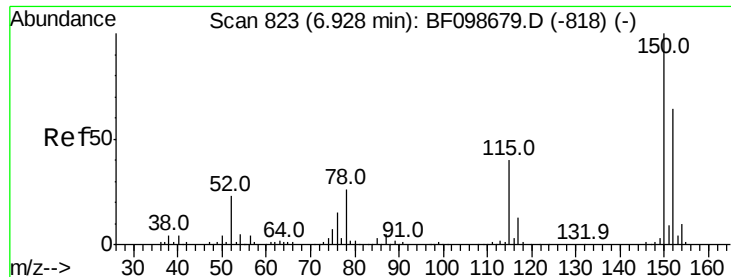
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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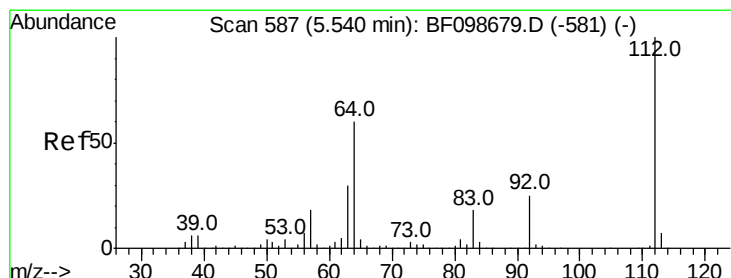
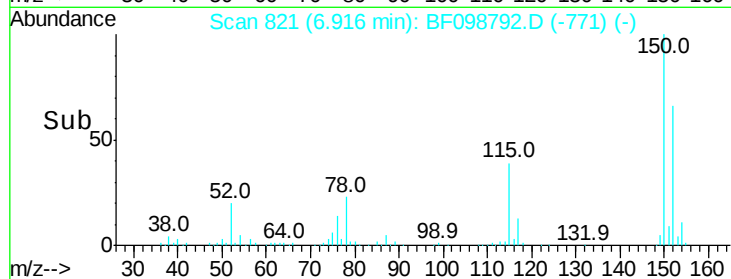
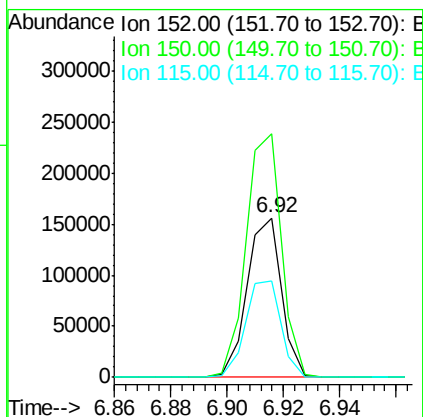
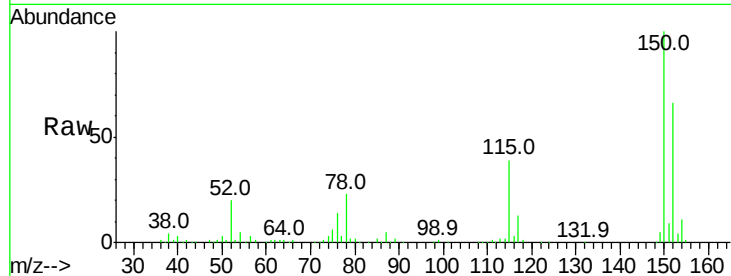


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098792.D
Acq: 25 Sep 2017 19:39

Instrument :
BNA_F
ClientSampleId :
TP-1-(0-5)

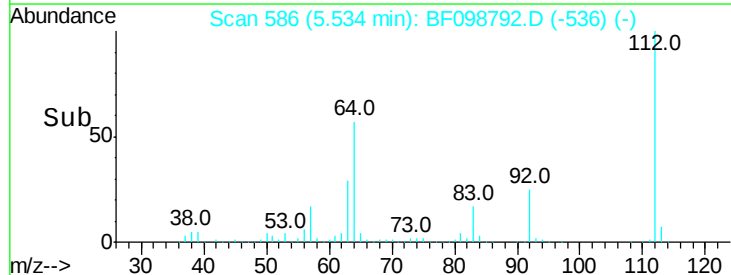
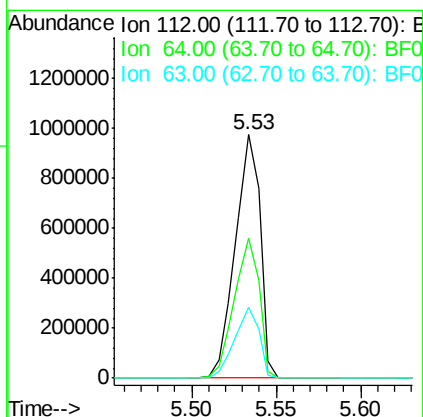
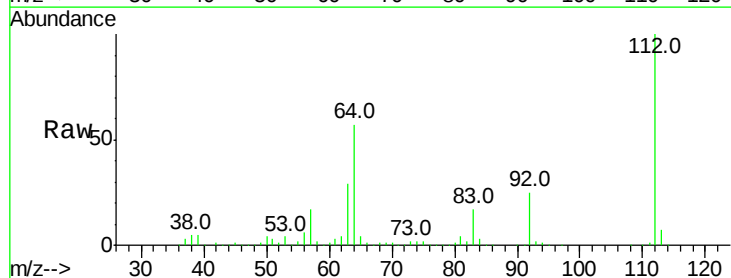
Tot Ion:152 Resp: 132159
Ion Ratio Lower Upper
152 100
150 152.5 124.6 186.8
115 60.1 50.1 75.1



#5

2-Fluorophenol
Concen: 120.232 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098792.D
Acq: 25 Sep 2017 19:39

Tgt Ion:112 Resp: 998163
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 28.9 23.7 35.5





#7

Phenol-d6

Concen: 118.206 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098792.D

Acq: 25 Sep 2017 19:39

Instrument :

BNA_F

ClientSampleId :

TP-1-(0-5)

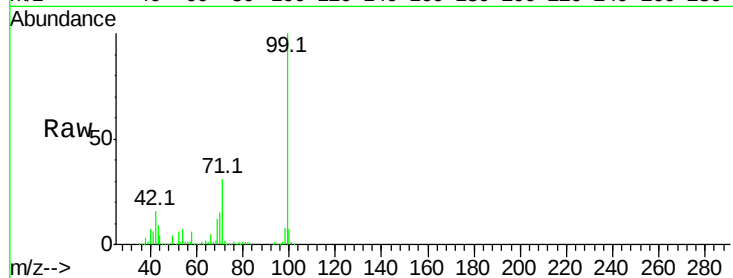
Tot Ion: 99 Resp: 1210598

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

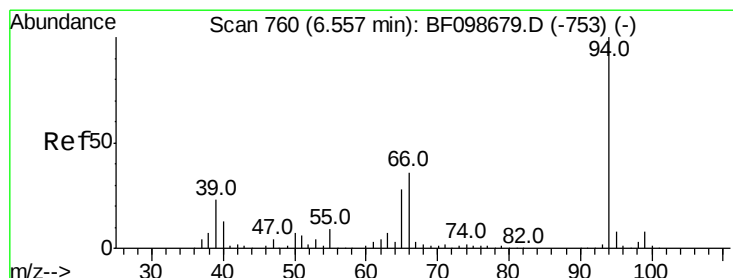
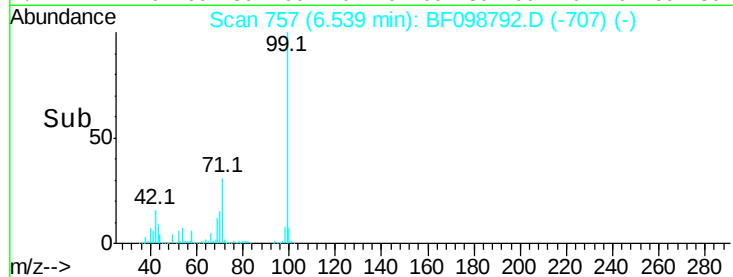
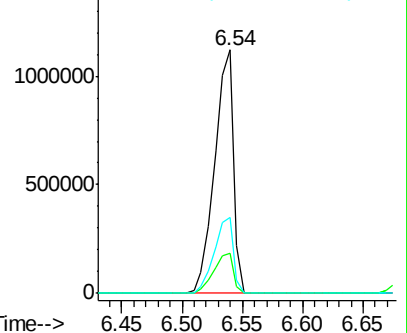
71 31.1 25.4 38.0



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



#10

Phenol

Concen: 3.814 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF098792.D

Acq: 25 Sep 2017 19:39

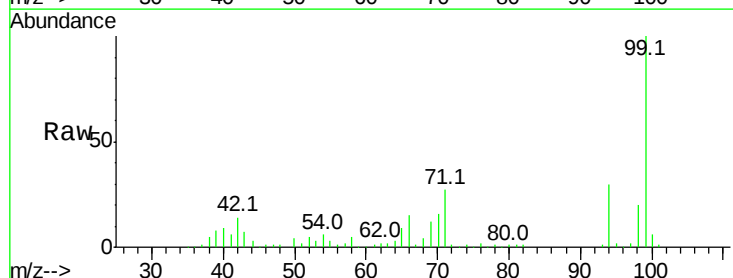
Tgt Ion: 94 Resp: 43681

Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

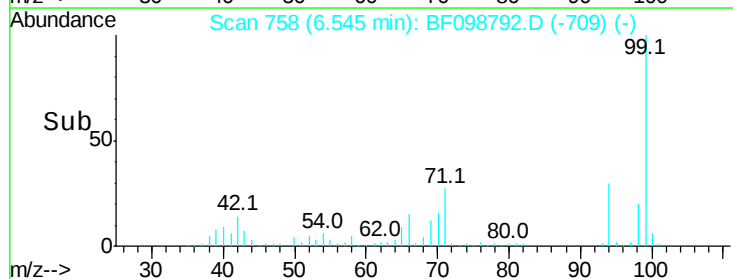
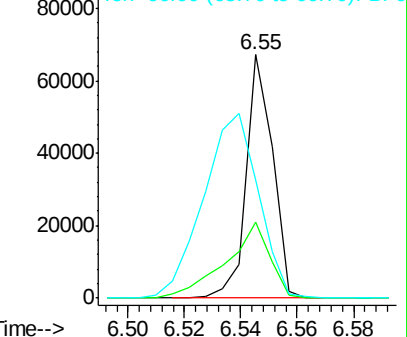
66 48.5 16.2 56.2

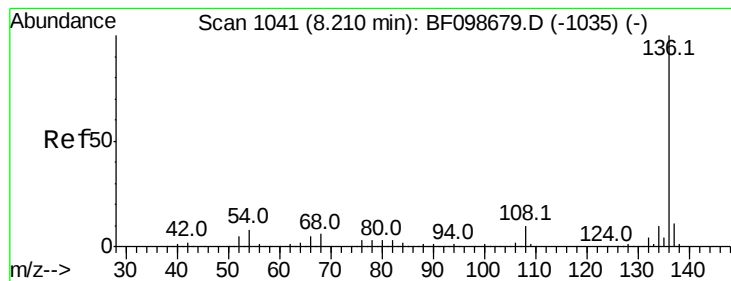


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098792.D

Acq: 25 Sep 2017 19:39

Instrument :

BNA_F

ClientSampleId :

TP-1-(0-5)

Tot Ion:136 Resp: 553128

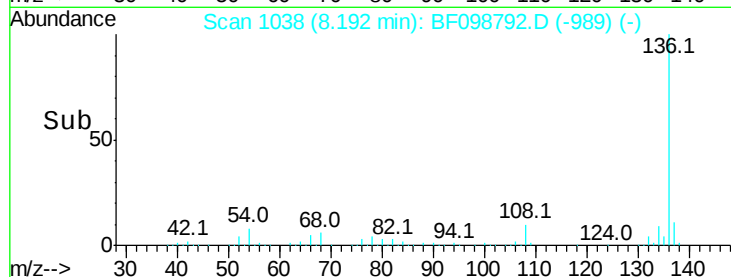
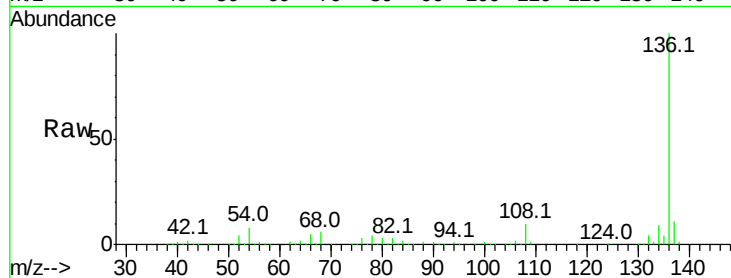
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.0 6.6 9.8

68 6.2 5.0 7.4

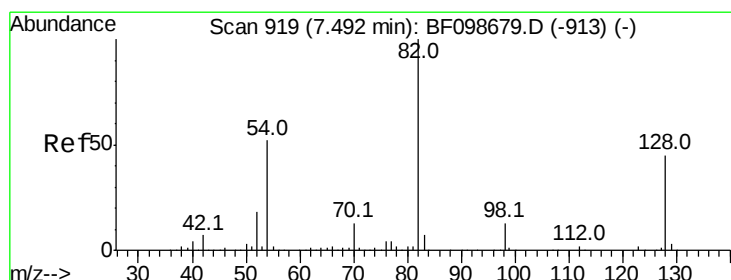
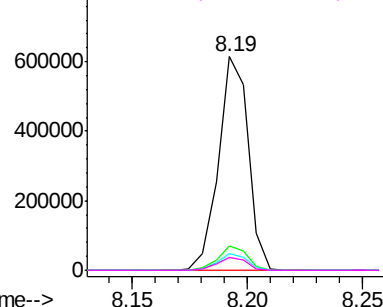


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 81.608 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098792.D

Acq: 25 Sep 2017 19:39

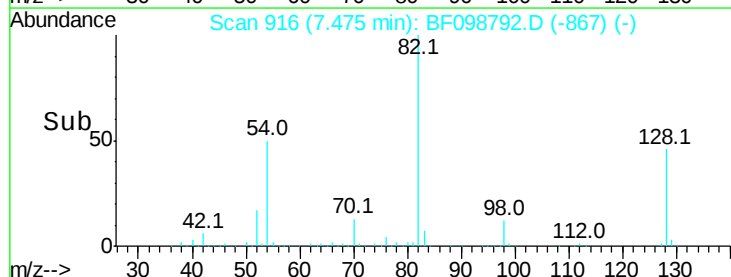
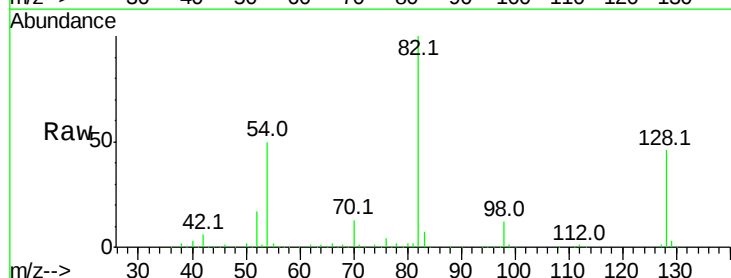
Tgt Ion: 82 Resp: 703879

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

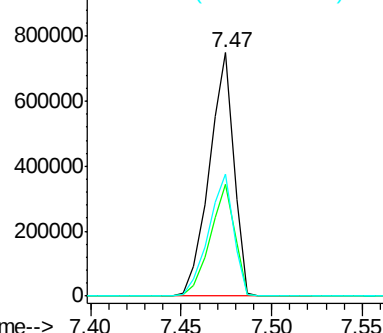
54 50.2 41.4 62.2

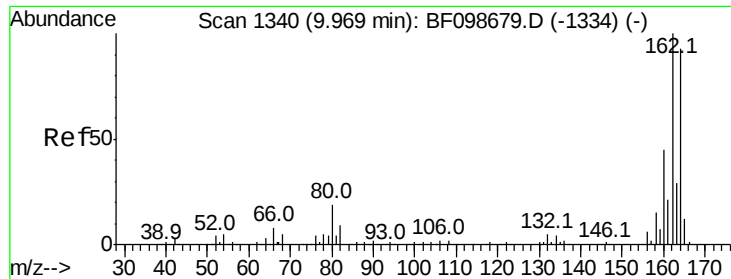


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

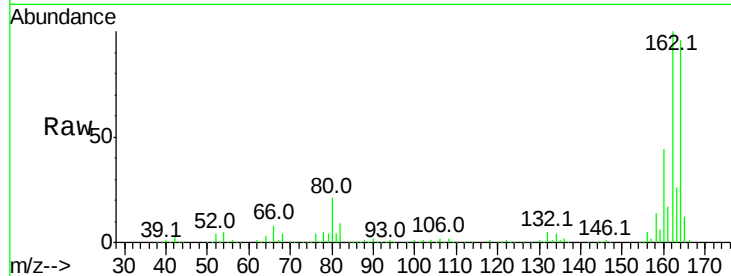




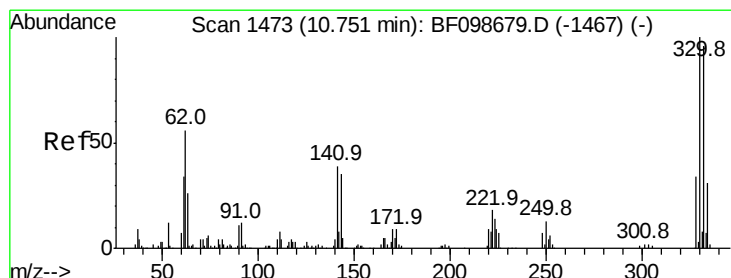
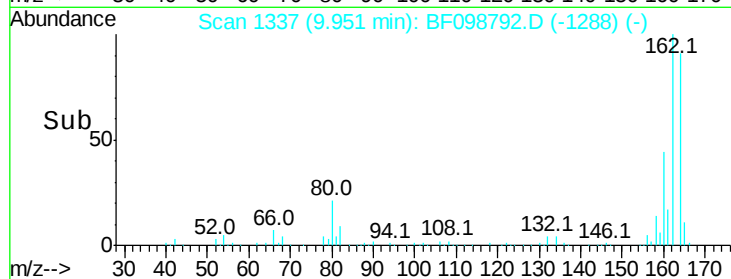
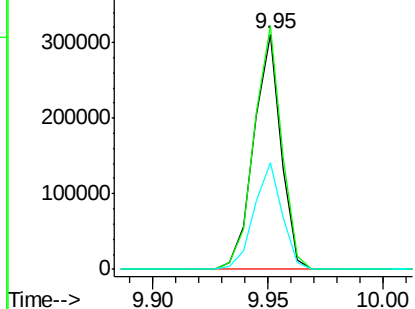
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098792.D
Acq: 25 Sep 2017 19:39

Instrument :
BNA_F
ClientSampleId :
TP-1-(0-5)

Tot Ion:164 Resp: 256009
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 45.4 38.3 57.5

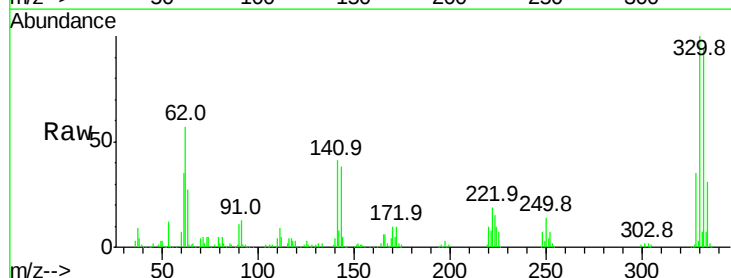


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

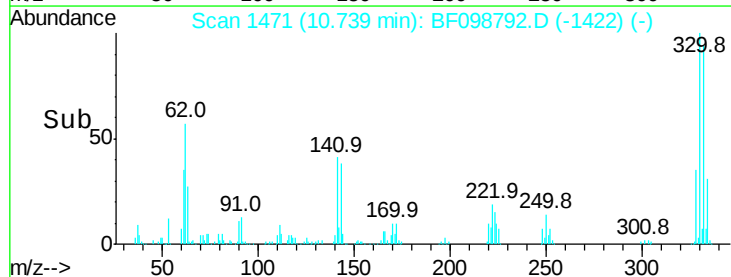
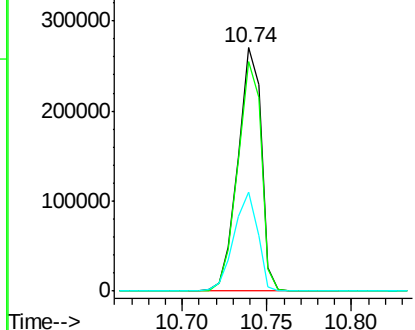


#41
2,4,6-Tribromophenol
Concen: 124.347 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098792.D
Acq: 25 Sep 2017 19:39

Tgt Ion:330 Resp: 260489
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 41.4 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



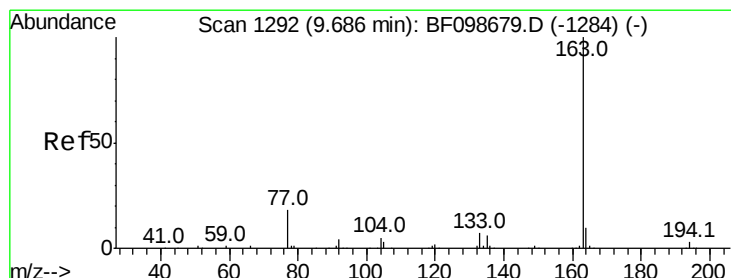
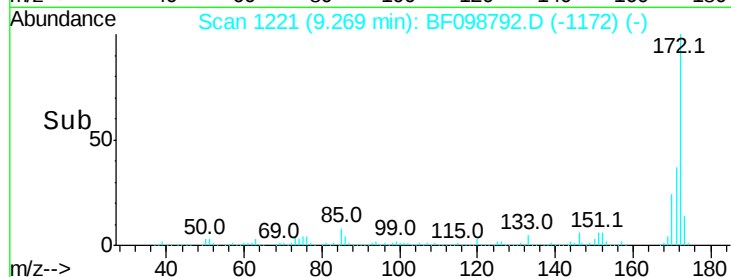
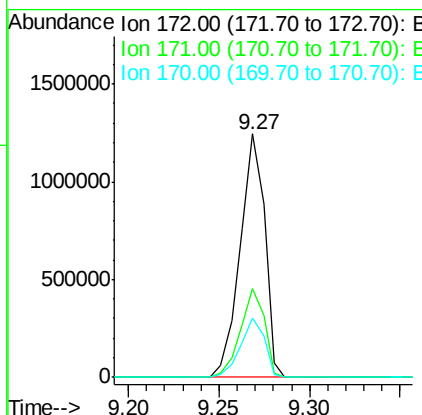
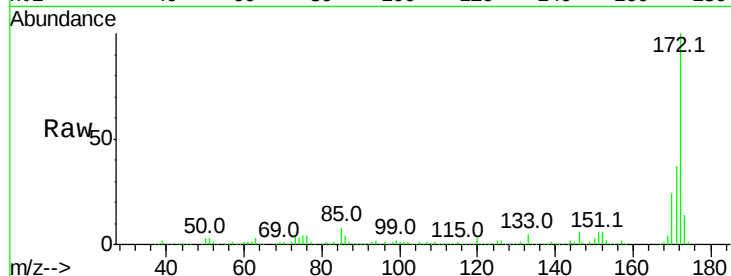


#44
 2-Fluorobiphenyl
 Concen: 76.555 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098792.D
 Acq: 25 Sep 2017 19:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-(0-5)

Tot Ion:172 Resp: 1173983

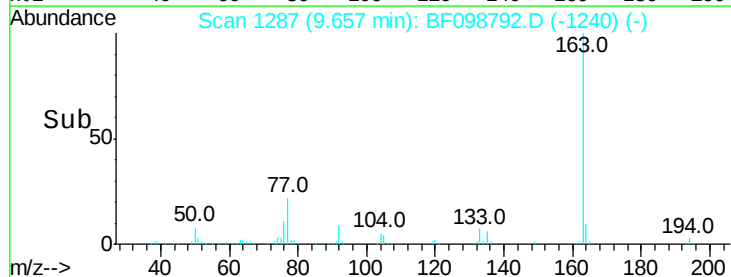
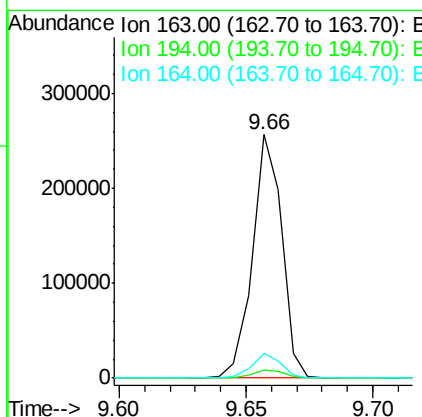
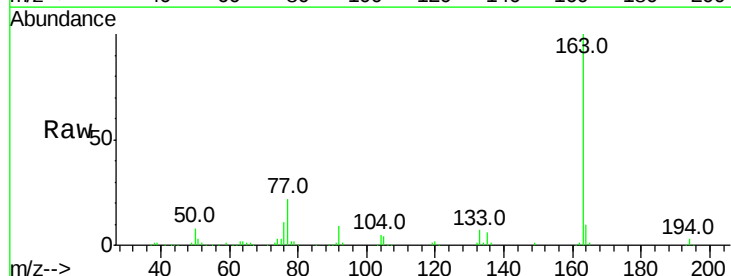
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4

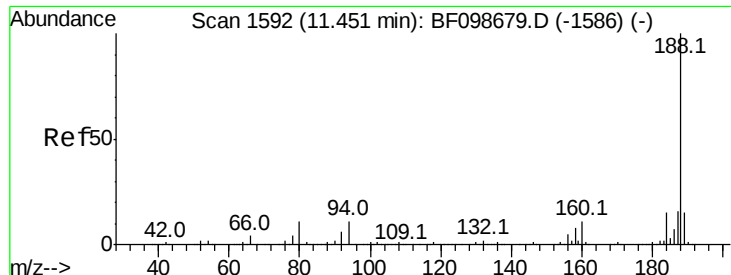


#49
 Dimethylphthalate
 Concen: 10.732 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF098792.D
 Acq: 25 Sep 2017 19:39

Tgt Ion:163 Resp: 207360

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.2	8.2	12.2

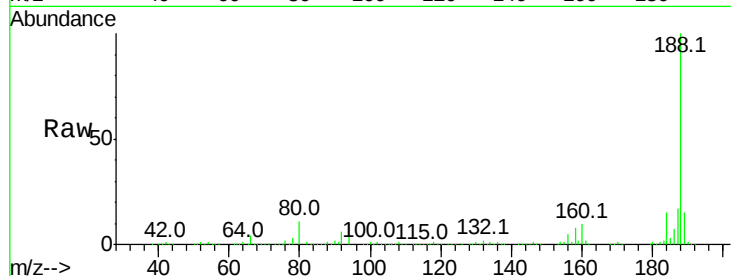




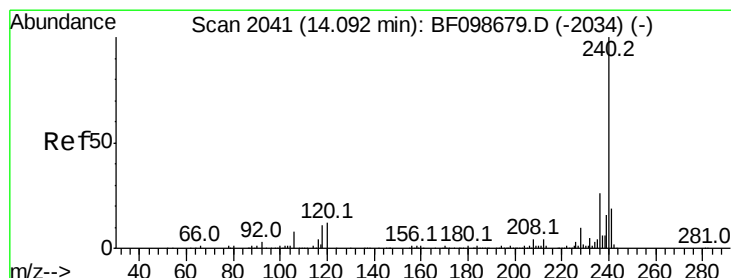
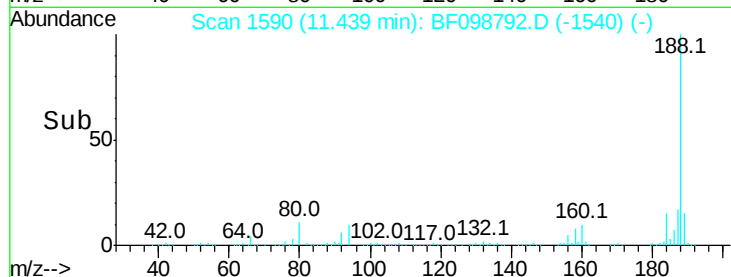
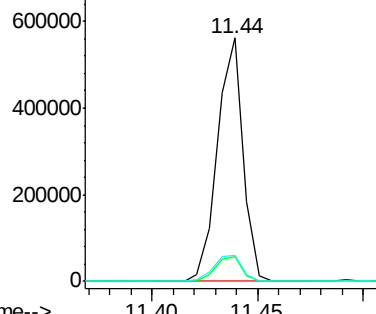
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098792.D
Acq: 25 Sep 2017 19:39

Instrument :
BNA_F
ClientSampleId :
TP-1-(0-5)

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.8	9.2	13.8

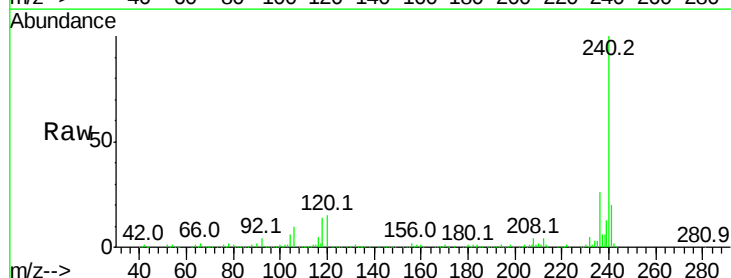


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

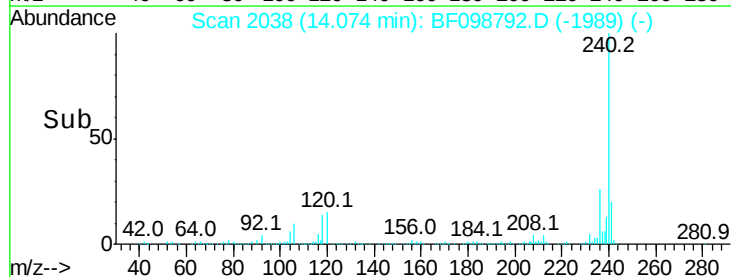
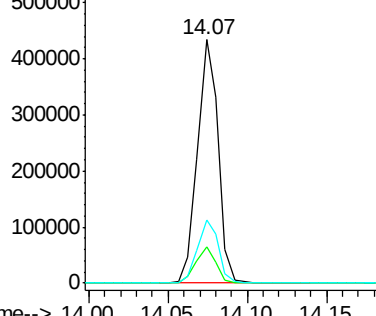


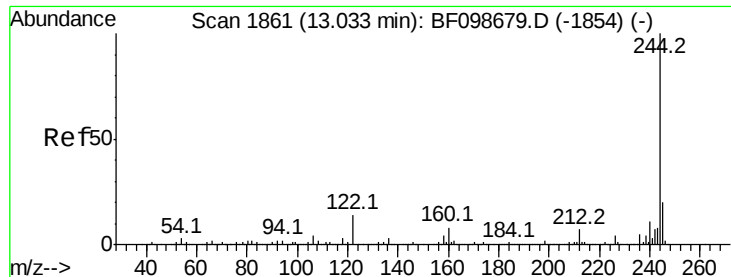
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098792.D
Acq: 25 Sep 2017 19:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	25.9	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: 65.574 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098792.D

Acq: 25 Sep 2017 19:39

Instrument :

BNA_F

ClientSampleId :

TP-1-(0-5)

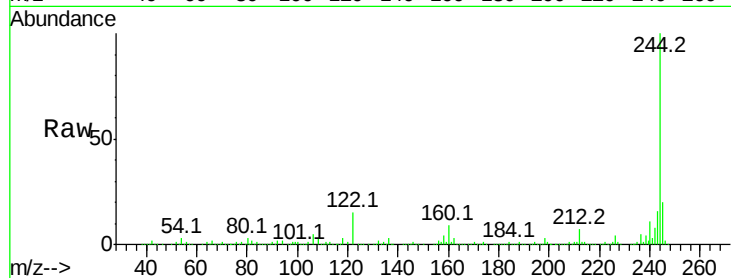
Tot Ion:244 Resp: 1128107

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

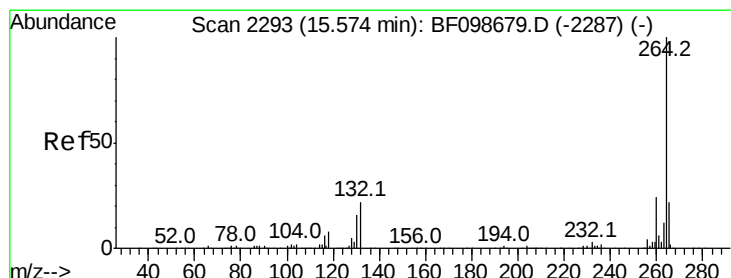
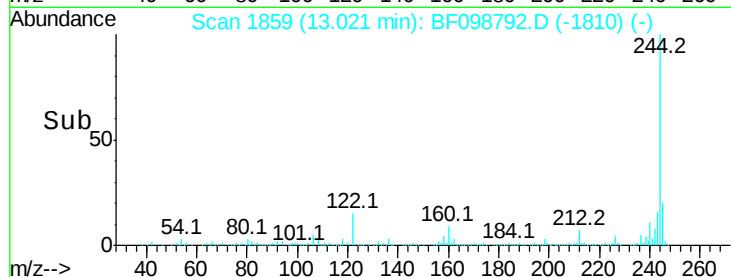
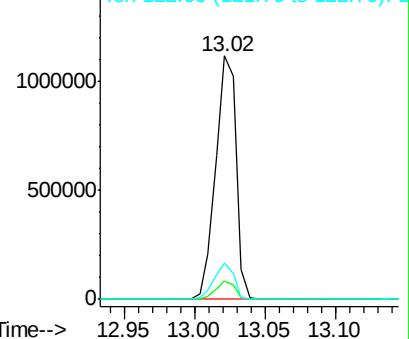
122 14.8 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098792.D

Acq: 25 Sep 2017 19:39

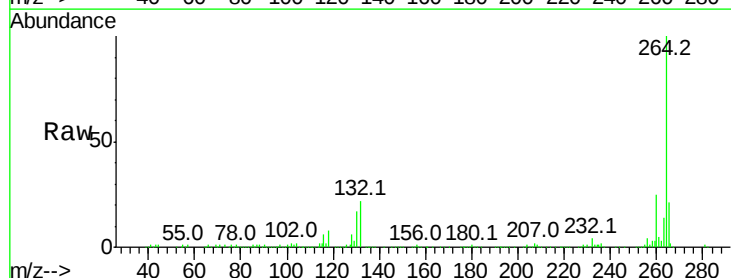
Tgt Ion:264 Resp: 342280

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 21.2 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

