

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094191.D
 Acq On : 5 Apr 2017 16:07
 Operator : SJ/MA
 Sample : I2523-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)

Quant Time: Apr 06 01:42:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

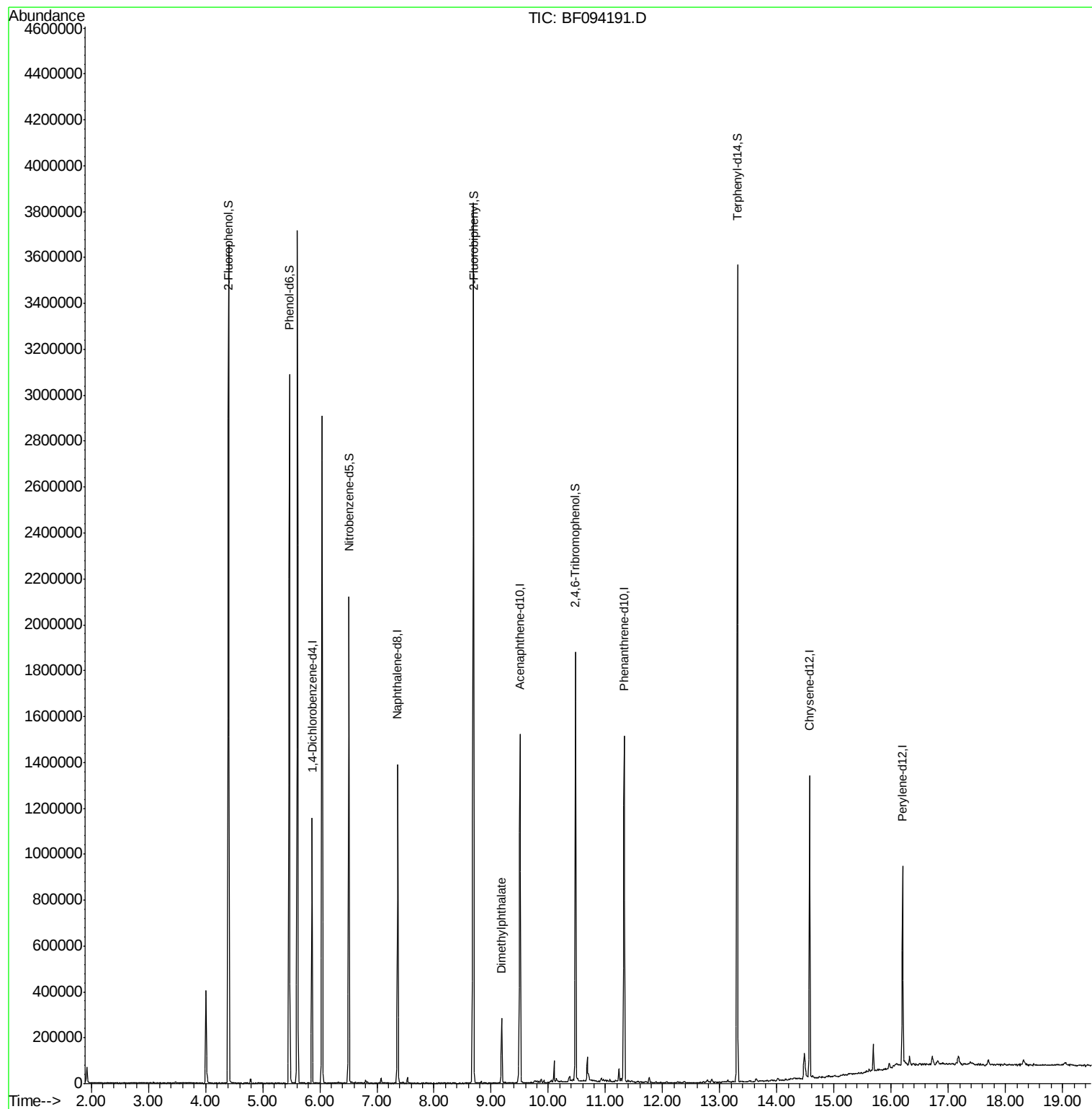
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	175887	20.00	ng	-0.04
21) Naphthalene-d8	7.36	136	711586	20.00	ng	-0.05
38) Acenaphthene-d10	9.50	164	329763	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	596635	20.00	ng	-0.05
75) Chrysene-d12	14.57	240	491994	20.00	ng	-0.05
86) Perylene-d12	16.20	264	344220	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1104875	106.10	ng	-0.03
7) Phenol-d6	5.47	99	1388924	107.81	ng	-0.04
23) Nitrobenzene-d5	6.51	82	862591	69.18	ng	-0.05
41) 2,4,6-Tribromophenol	10.48	330	237578	91.17	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1573082	72.76	ng	-0.04
78) Terphenyl-d14	13.31	244	1365440	62.21	ng	-0.04
Target Compounds						
49) Dimethylphthalate	9.18	163	126739	5.41	ng	Qvalue 100

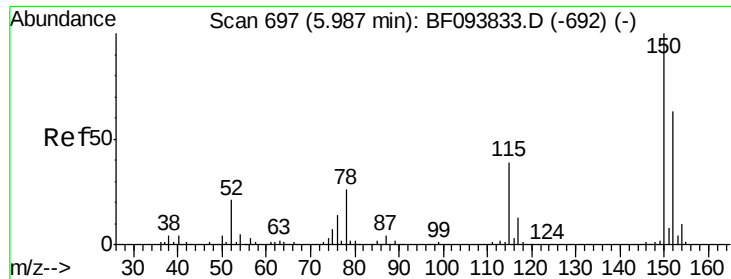
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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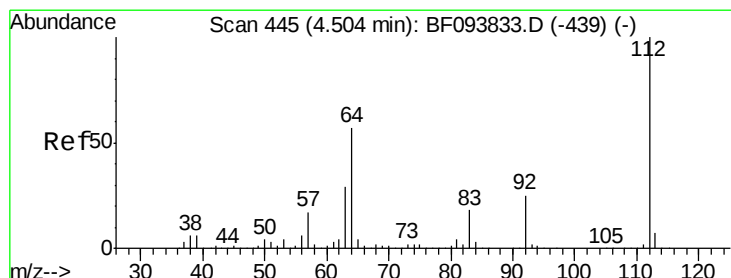
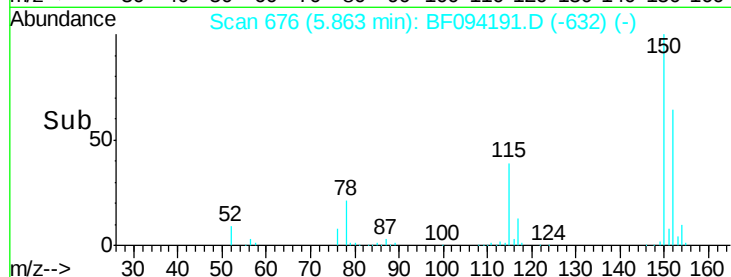
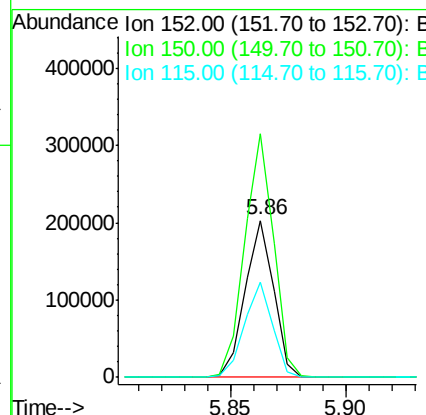
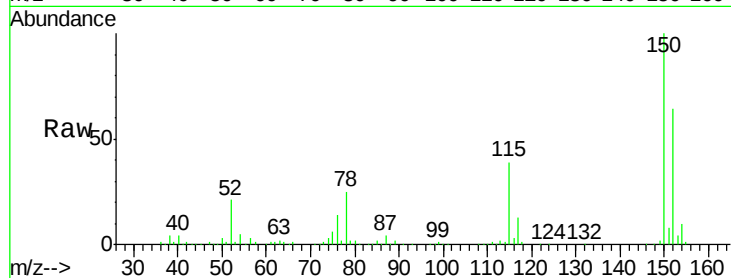




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.86 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: BF094191.D
 Acq: 5 Apr 2017 16:07

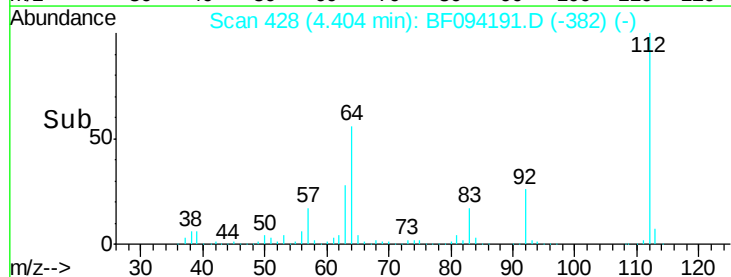
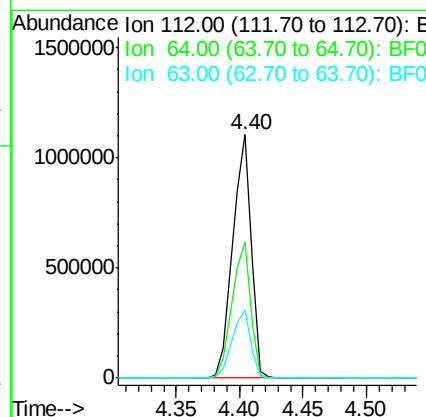
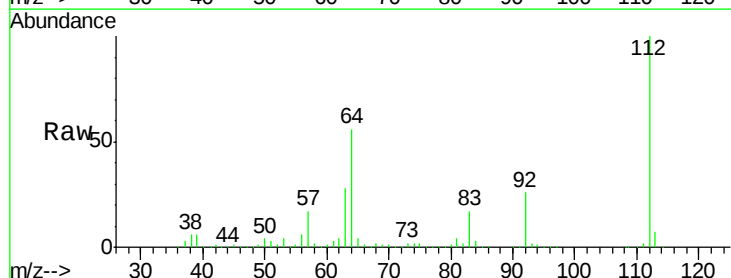
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)

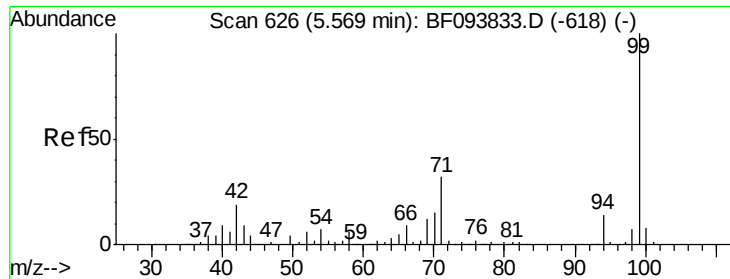
Tot Ion:152 Resp: 175887
 Ion Ratio Lower Upper
 152 100
 150 155.3 126.2 189.2
 115 61.1 52.2 78.2



#5
 2-Fluorophenol
 Concen: 106.10 ng
 RT: 4.40 min Scan# 428
 Delta R.T. -0.03 min
 Lab File: BF094191.D
 Acq: 5 Apr 2017 16:07

Tgt Ion:112 Resp: 1104875
 Ion Ratio Lower Upper
 112 100
 64 56.1 46.0 69.0
 63 28.2 23.4 35.0





#7

Phenol-d6

Concen: 107.81 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094191.D

Acq: 5 Apr 2017 16:07

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)

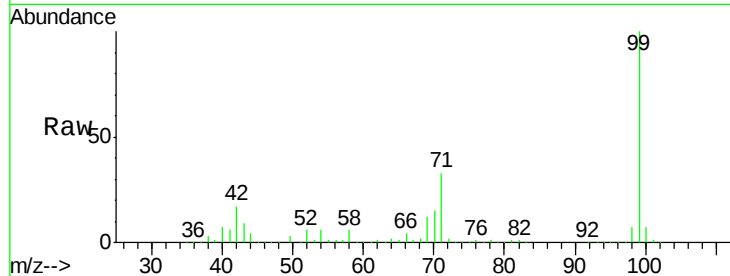
Tot Ion: 99 Resp: 1388924

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

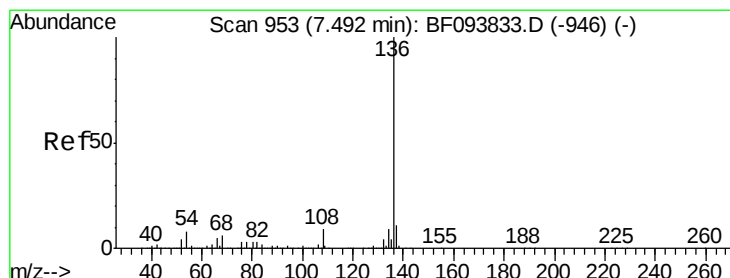
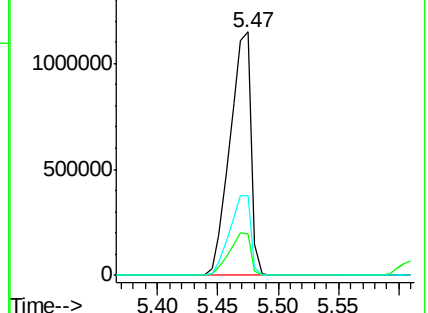
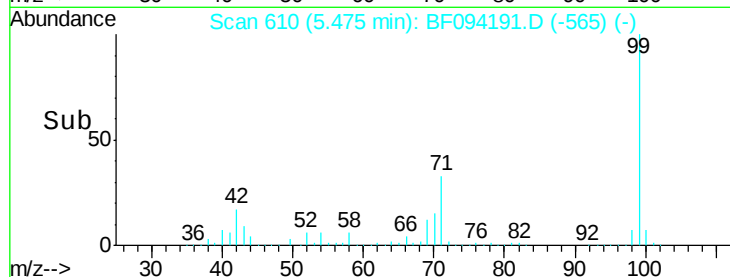
71 32.9 24.5 36.7



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: 20.00 ng

RT: 7.36 min Scan# 931

Delta R.T. -0.05 min

Lab File: BF094191.D

Acq: 5 Apr 2017 16:07

Tgt Ion: 136 Resp: 711586

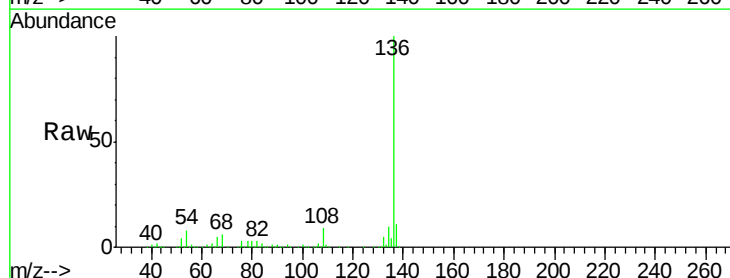
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.9 4.9 7.3#

68 6.3 4.1 6.1#

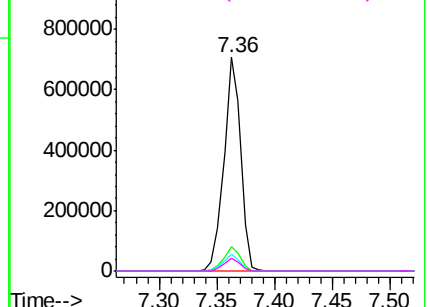
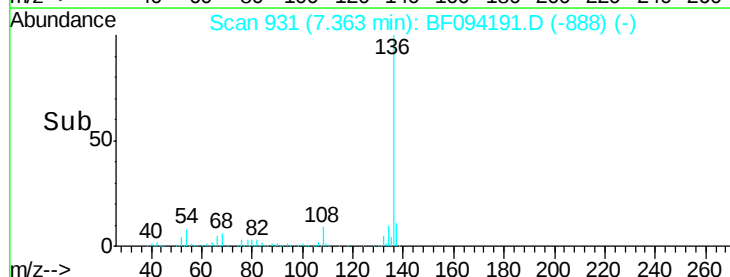


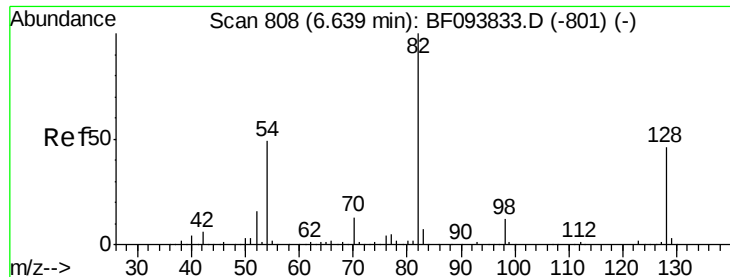
Abundance Ion 136.00 (135.70 to 136.70): E

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

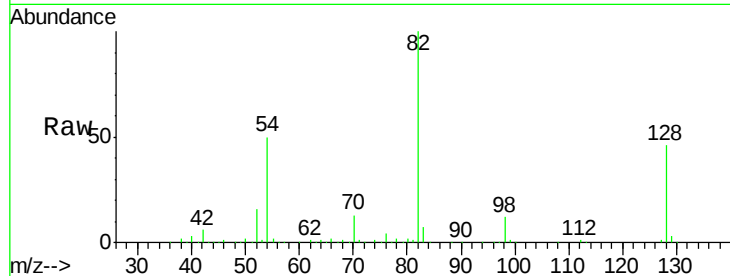




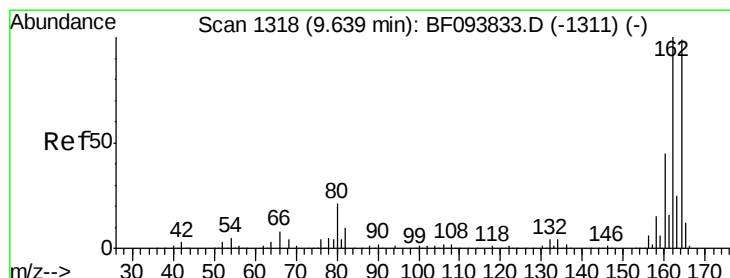
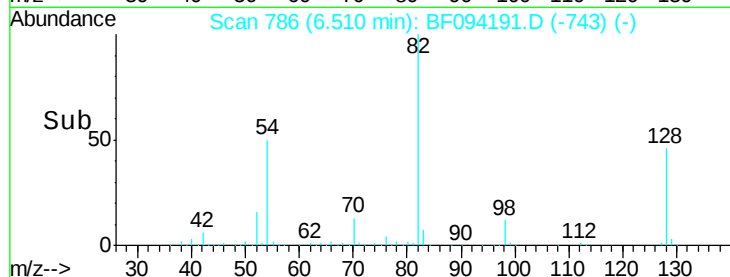
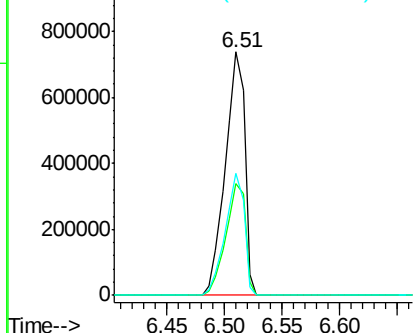
#23
 Nitrobenzene-d5
 Concen: 69.18 ng
 RT: 6.51 min Scan# 786
 Delta R.T. -0.05 min
 Lab File: BF094191.D
 Acq: 5 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)

Tot Ion: 82 Resp: 862591
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.0 51.0
 54 50.1 42.2 63.2

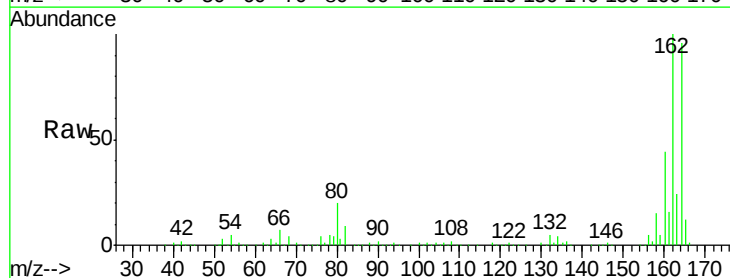


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

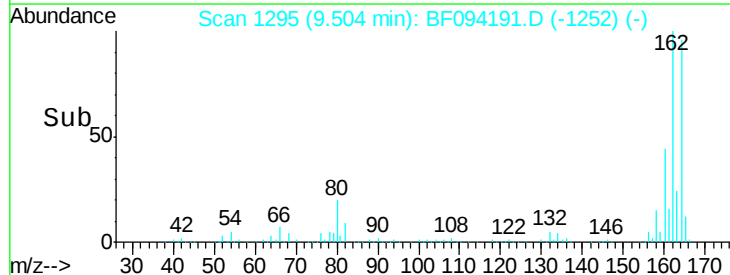
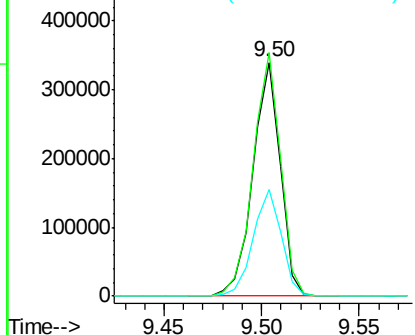


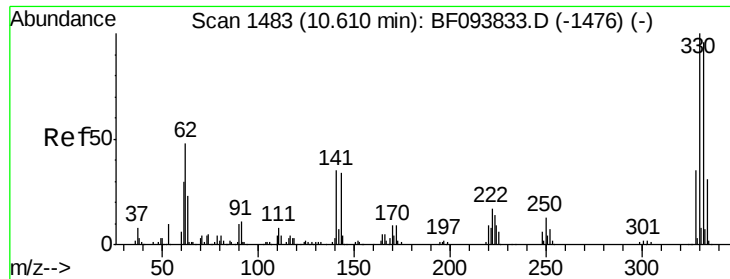
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094191.D
 Acq: 5 Apr 2017 16:07

Tgt Ion: 164 Resp: 329763
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.6 123.8
 160 45.5 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

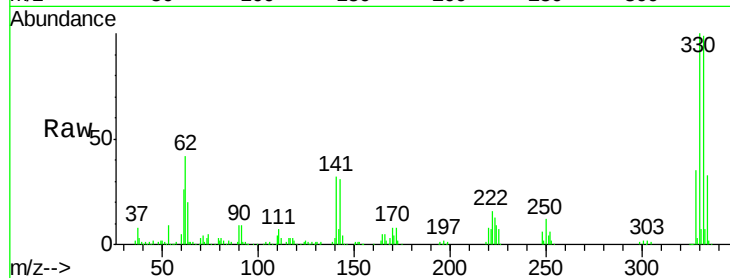




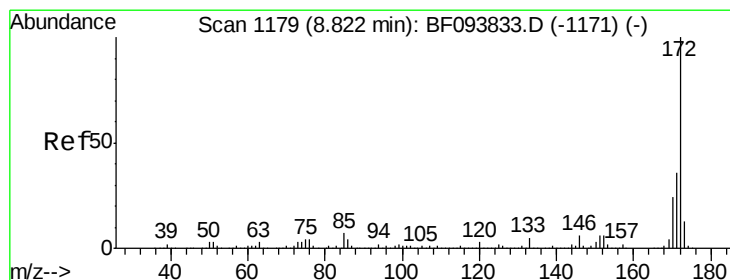
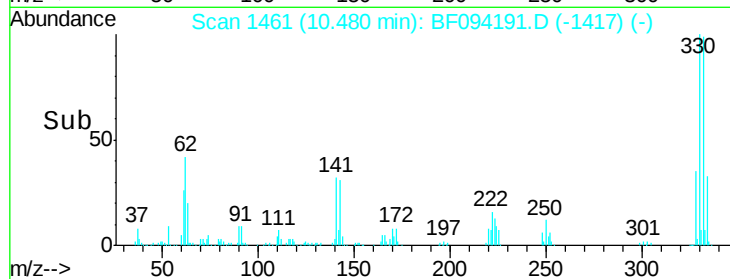
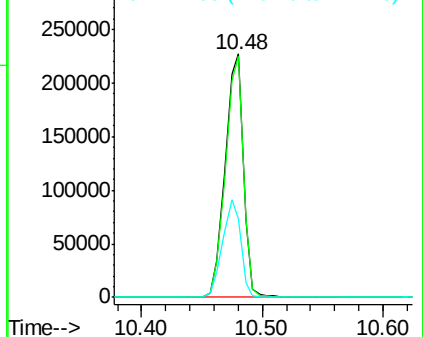
#41
 2,4,6-Tribromophenol
 Concen: 91.17 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. -0.04 min
 Lab File: BF094191.D
 Acq: 5 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)

Tot Ion:330 Resp: 237578
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 40.1 31.4 47.2

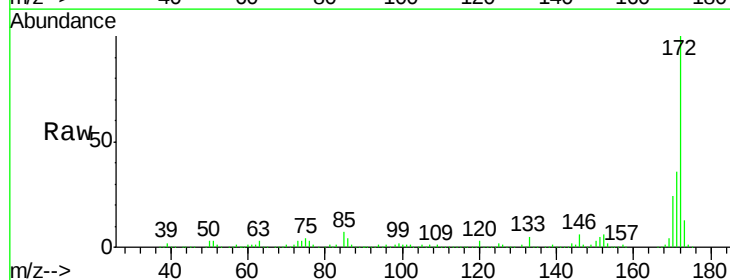


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

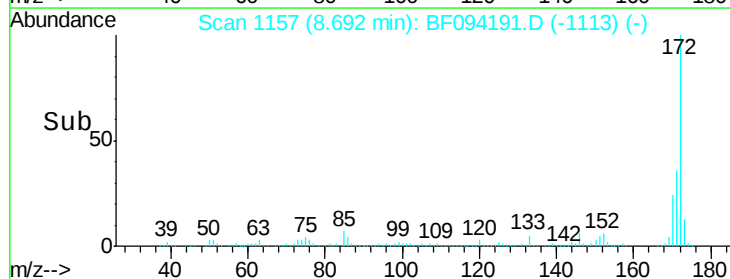
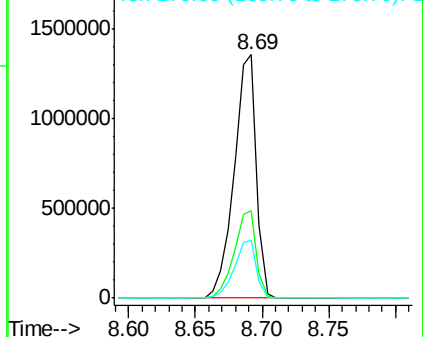


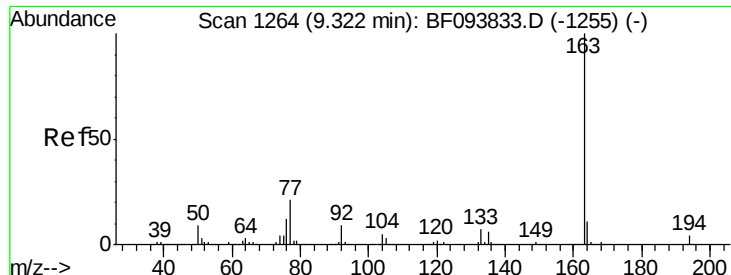
#44
 2-Fluorobiphenyl
 Concen: 72.76 ng
 RT: 8.69 min Scan# 1157
 Delta R.T. -0.04 min
 Lab File: BF094191.D
 Acq: 5 Apr 2017 16:07

Tgt Ion:172 Resp: 1573082
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.6 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

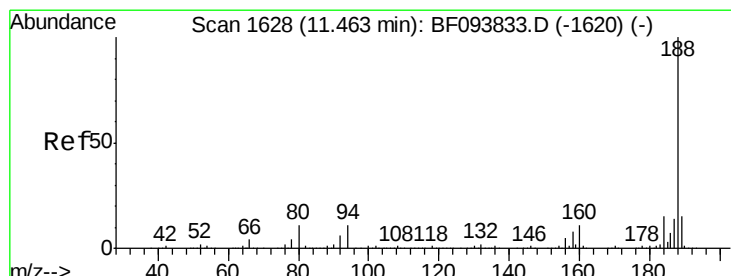
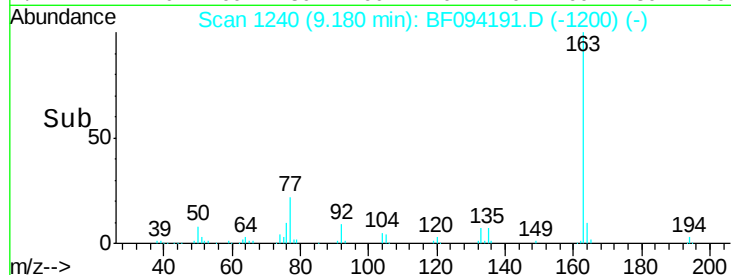
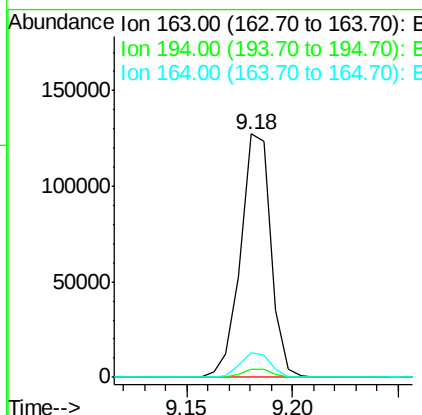
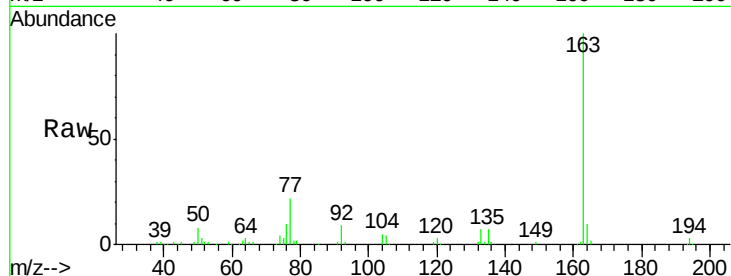




#49
Dimethylphthalate
Concen: 5.41 ng
RT: 9.18 min Scan# 1240
Delta R.T. -0.06 min
Lab File: BF094191.D
Acq: 5 Apr 2017 16:07

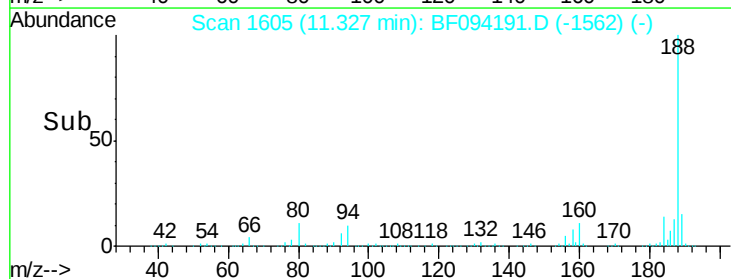
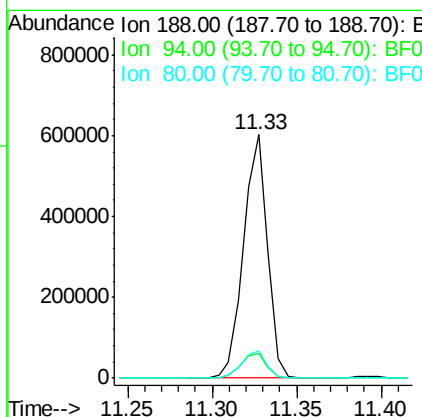
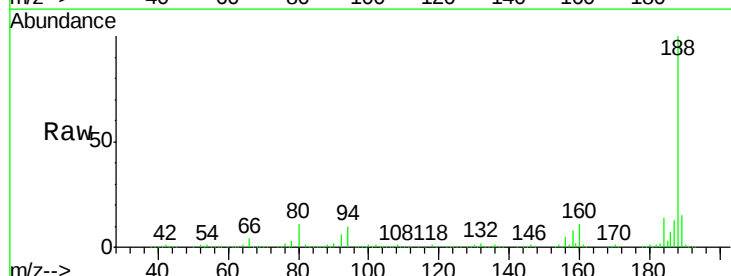
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CEMETERY-3(0-7)

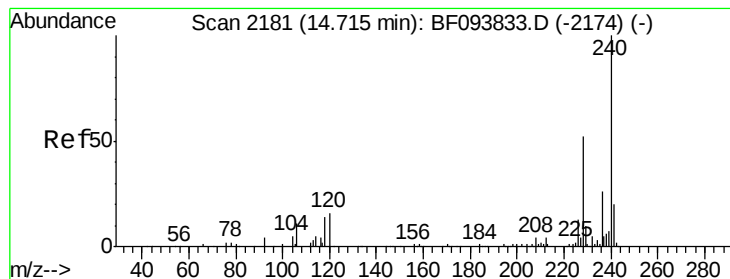
Tot Ion:163 Resp: 126739
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.4 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1605
Delta R.T. -0.05 min
Lab File: BF094191.D
Acq: 5 Apr 2017 16:07

Tgt Ion:188 Resp: 596635
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.1 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.57 min Scan# 2157

Delta R.T. -0.05 min

Lab File: BF094191.D

Acq: 5 Apr 2017 16:07

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)

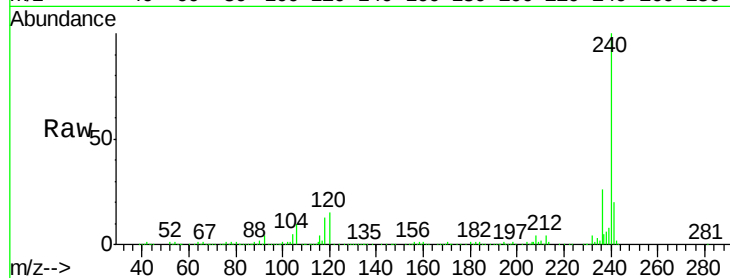
Tot Ion:240 Resp: 491994

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

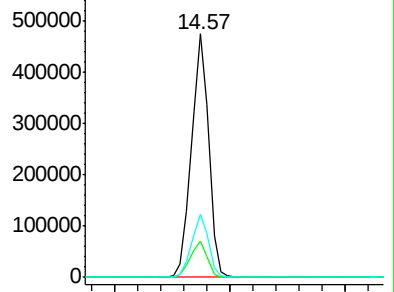
236 26.1 20.5 30.7



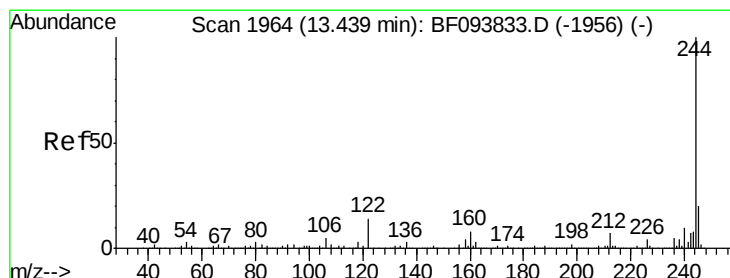
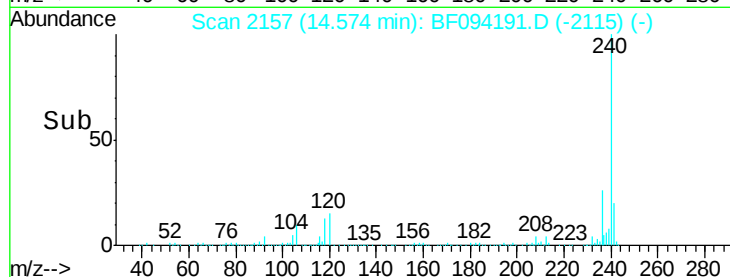
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 62.21 ng

RT: 13.31 min Scan# 1942

Delta R.T. -0.04 min

Lab File: BF094191.D

Acq: 5 Apr 2017 16:07

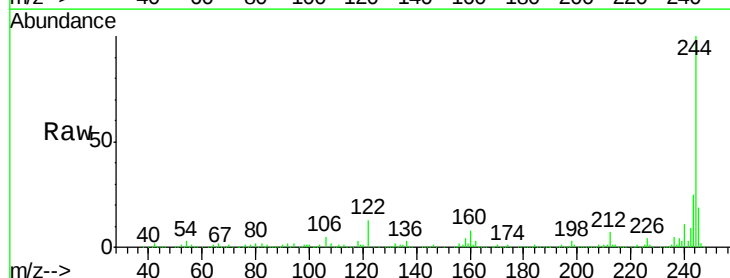
Tgt Ion:244 Resp: 1365440

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

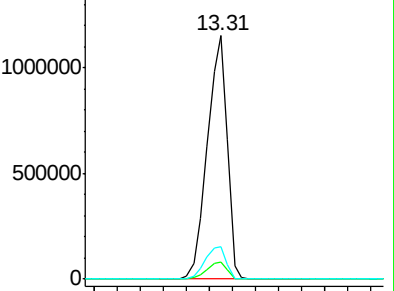
122 13.4 10.3 15.5



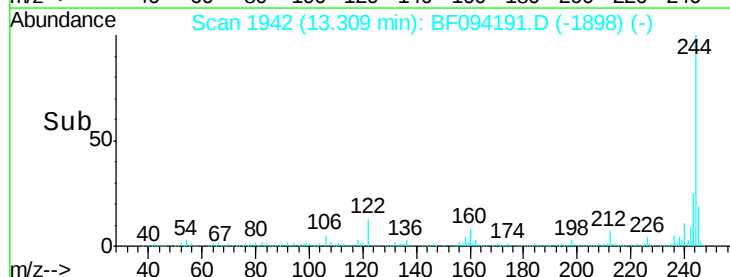
Abundance Ion 244.00 (243.70 to 244.70): E

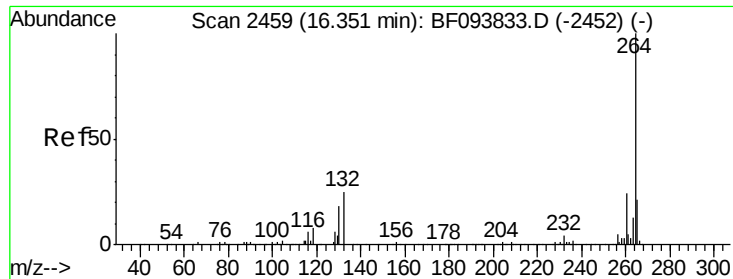
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

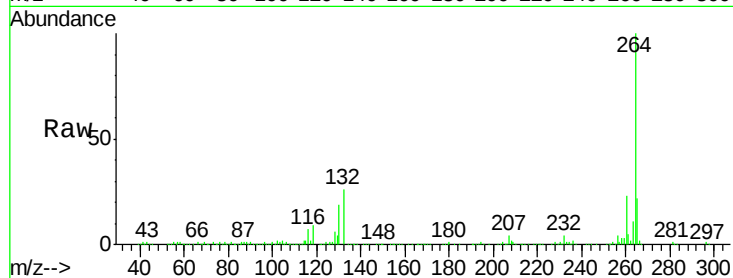




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2433
 Delta R.T. -0.05 min
 Lab File: BF094191.D
 Acq: 5 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.8	17.2	25.8



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

