

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094197.D
 Acq On : 5 Apr 2017 18:53
 Operator : SJ/MA
 Sample : I2523-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-1(0-7)

Quant Time: Apr 06 01:58:41 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

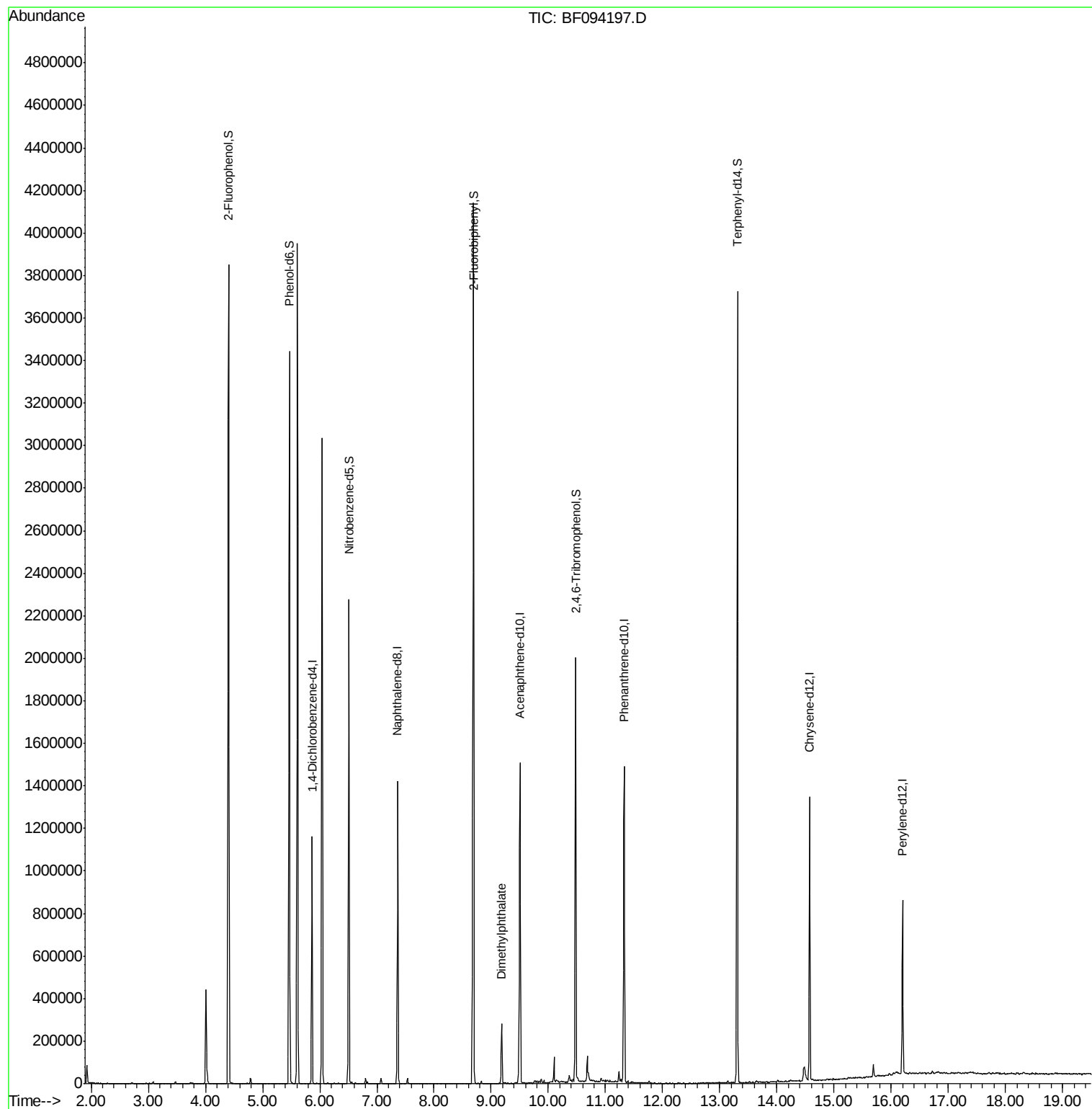
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	173663	20.00	ng	-0.04
21) Naphthalene-d8	7.36	136	709769	20.00	ng	-0.05
38) Acenaphthene-d10	9.50	164	327572	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	586339	20.00	ng	-0.05
75) Chrysene-d12	14.57	240	491318	20.00	ng	-0.05
86) Perylene-d12	16.20	264	333858	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1197684	116.48	ng	-0.03
7) Phenol-d6	5.47	99	1516977	119.26	ng	-0.04
23) Nitrobenzene-d5	6.51	82	952017	76.55	ng	-0.05
41) 2,4,6-Tribromophenol	10.48	330	273472	105.65	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1674067	77.95	ng	-0.04
78) Terphenyl-d14	13.31	244	1424971	65.01	ng	-0.04
Target Compounds						
49) Dimethylphthalate	9.18	163	128816	5.53	ng	Qvalue 99

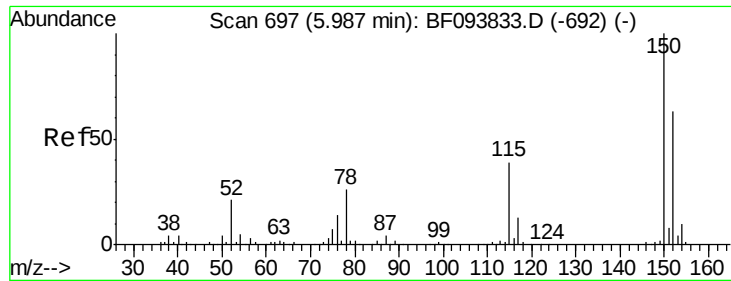
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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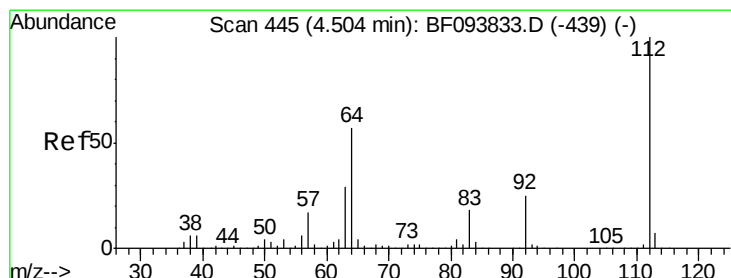
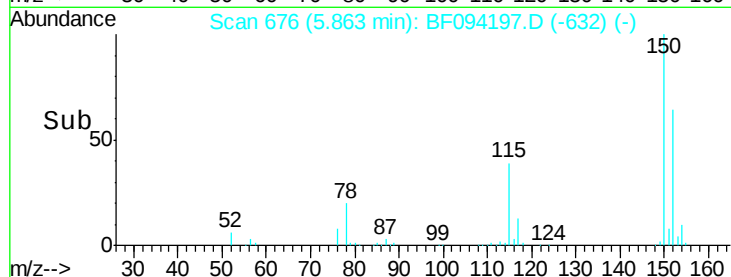
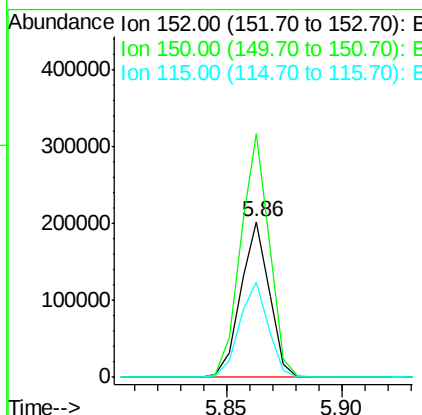
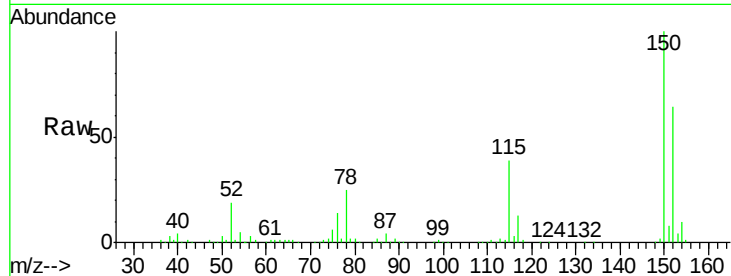


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.86 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: BF094197.D
 Acq: 5 Apr 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-1(0-7)

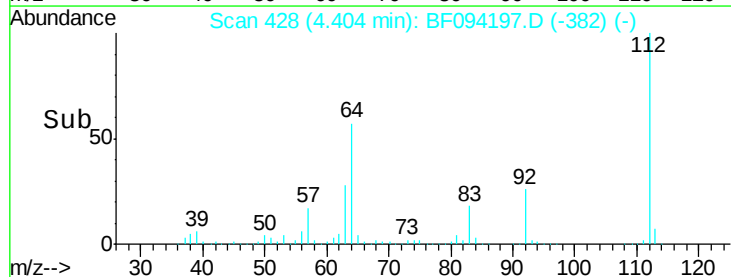
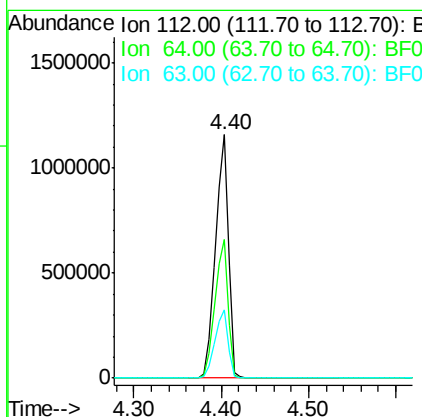
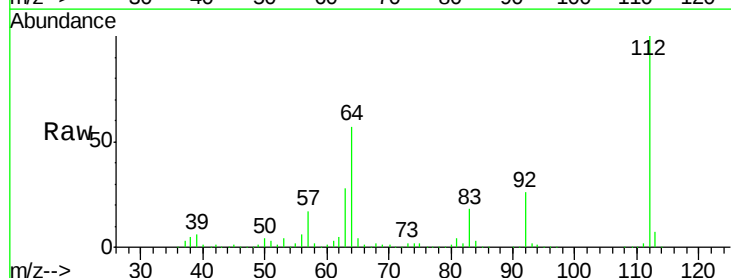
Tot Ion:152 Resp: 173663
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.2 189.2
 115 61.4 52.2 78.2

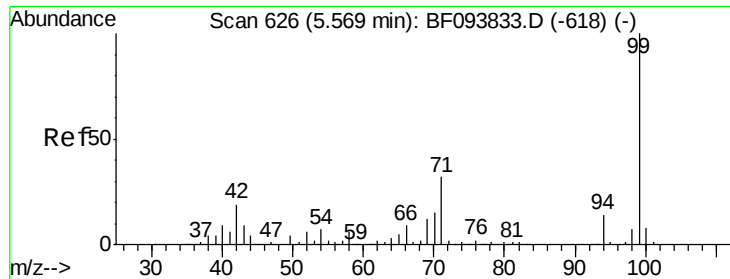


#5

2-Fluorophenol
 Concen: 116.48 ng
 RT: 4.40 min Scan# 428
 Delta R.T. -0.03 min
 Lab File: BF094197.D
 Acq: 5 Apr 2017 18:53

Tgt Ion:112 Resp: 1197684
 Ion Ratio Lower Upper
 112 100
 64 56.7 46.0 69.0
 63 28.2 23.4 35.0





#7

Phenol-d6

Concen: 119.26 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094197.D

Acq: 5 Apr 2017 18:53

Instrument :

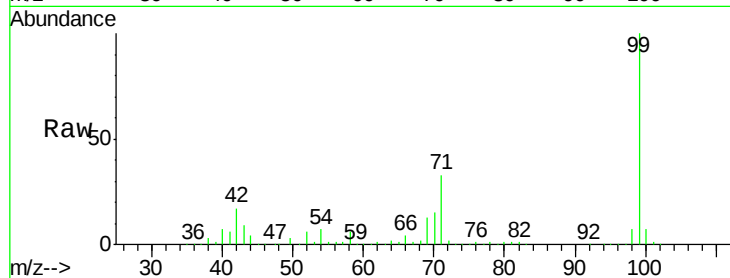
BNA_F

ClientSampleId :

CEMETERY-1(0-7)

Tot Ion: 99 Resp: 1516977

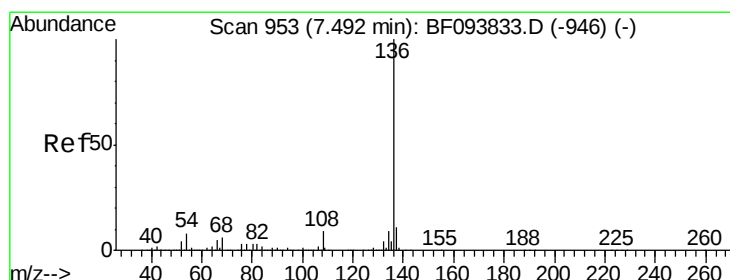
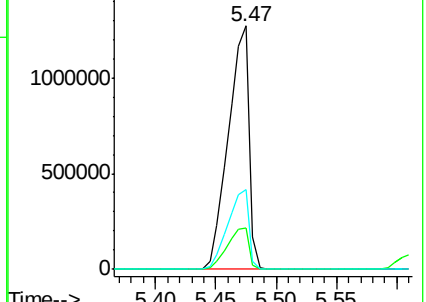
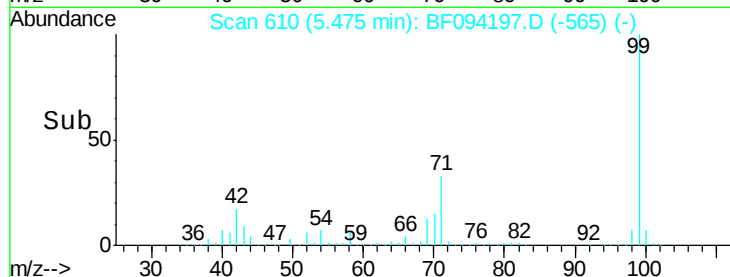
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	32.7	24.5	36.7



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: 20.00 ng

RT: 7.36 min Scan# 931

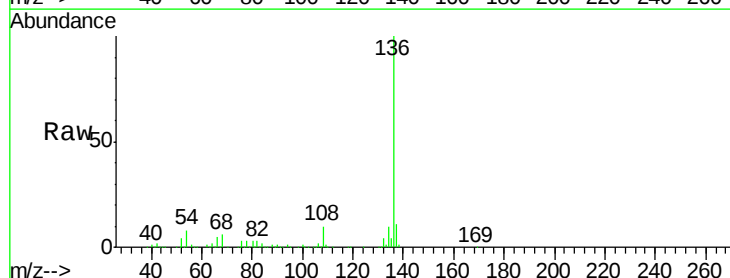
Delta R.T. -0.05 min

Lab File: BF094197.D

Acq: 5 Apr 2017 18:53

Tgt Ion: 136 Resp: 709769

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.6	4.9	7.3#
68	6.4	4.1	6.1#

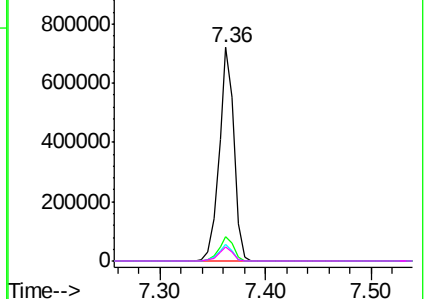
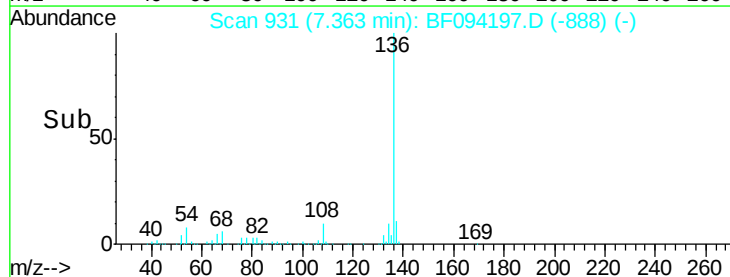


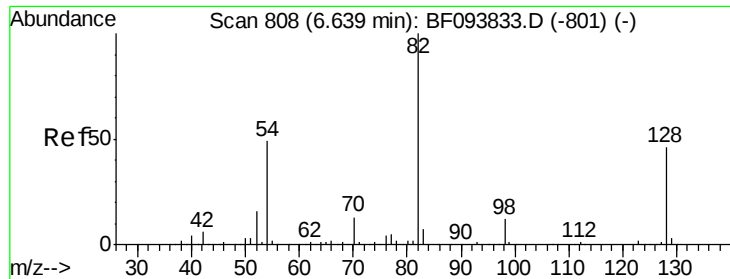
Abundance Ion 136.00 (135.70 to 136.70): E

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

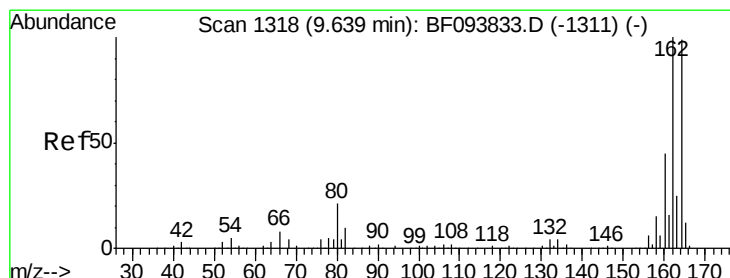
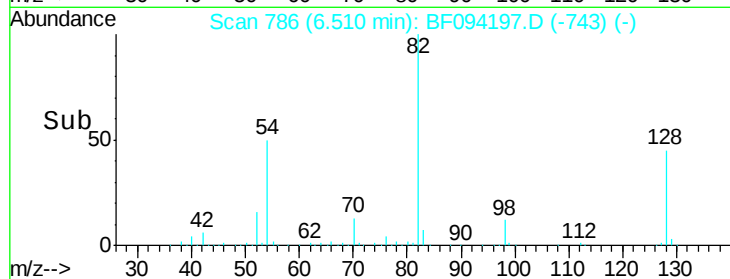
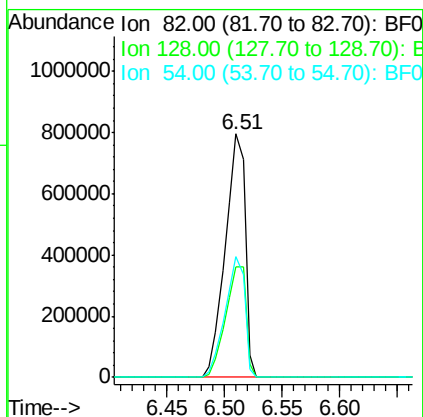
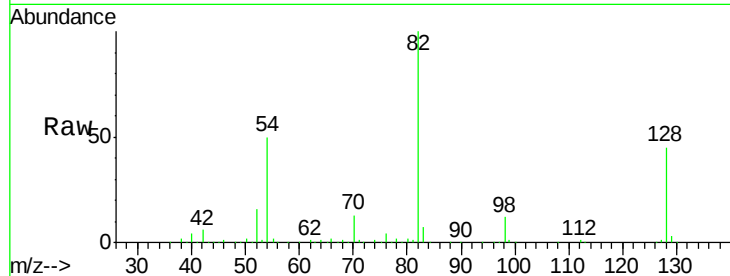




#23
 Nitrobenzene-d5
 Concen: 76.55 ng
 RT: 6.51 min Scan# 786
 Delta R.T. -0.05 min
 Lab File: BF094197.D
 Acq: 5 Apr 2017 18:53

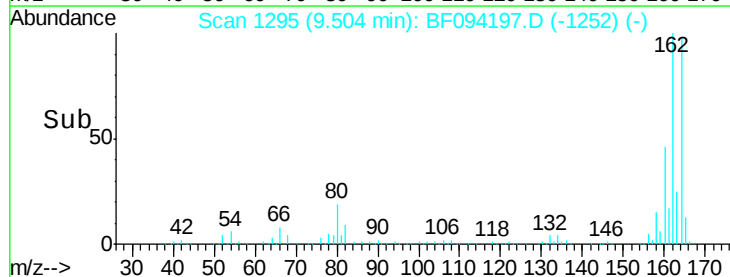
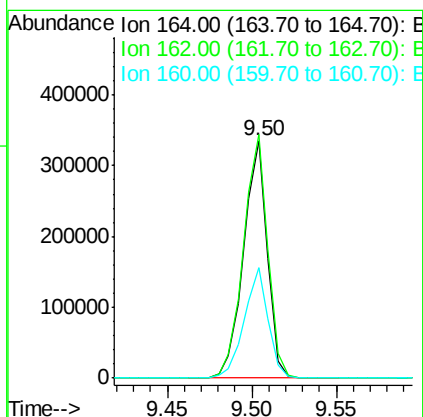
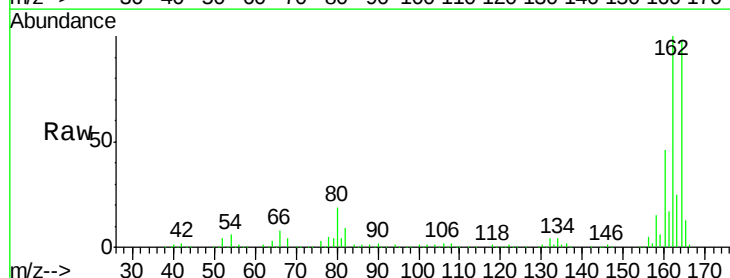
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-1(0-7)

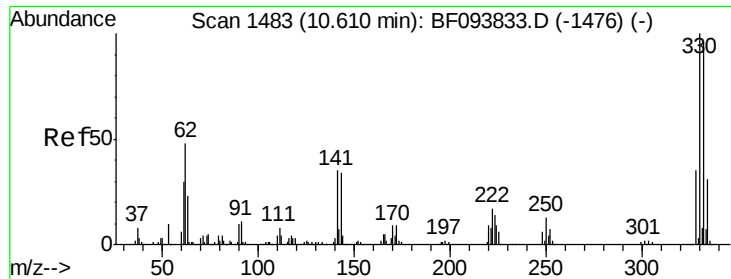
Tot Ion: 82 Resp: 952017
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.0 51.0
 54 49.6 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094197.D
 Acq: 5 Apr 2017 18:53

Tgt Ion:164 Resp: 327572
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 123.8
 160 46.6 36.2 54.2

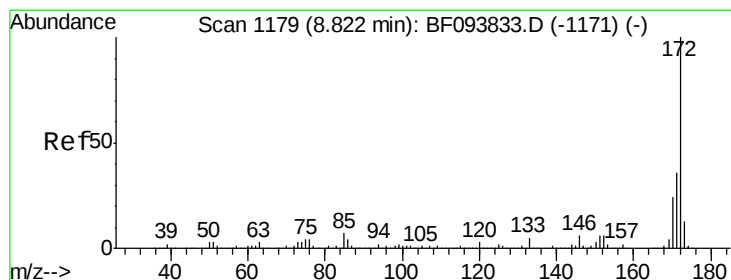
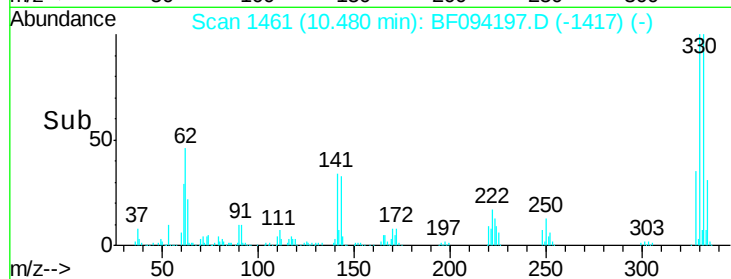
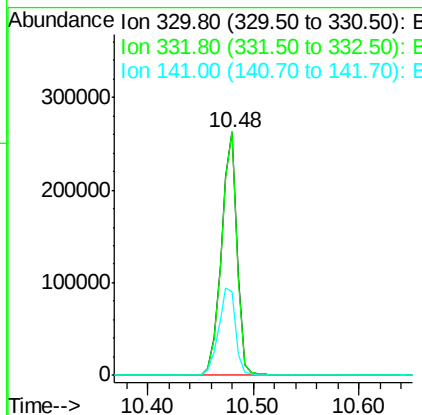
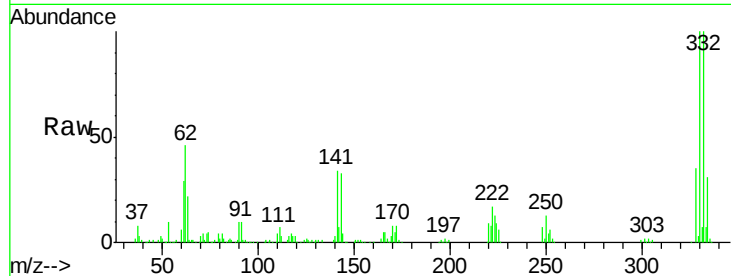




#41
 2,4,6-Tribromophenol
 Concen: 105.65 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. -0.04 min
 Lab File: BF094197.D
 Acq: 5 Apr 2017 18:53

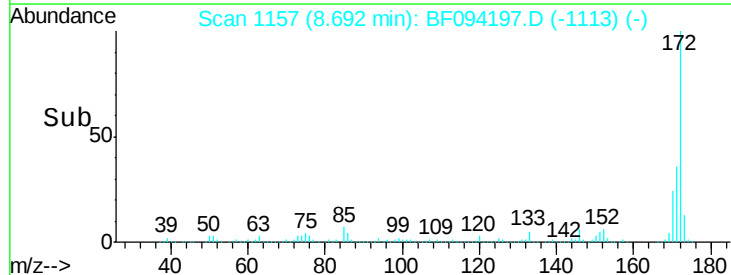
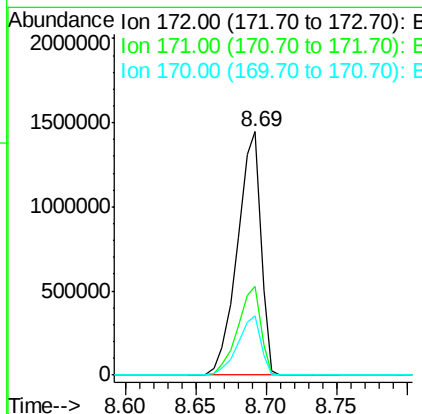
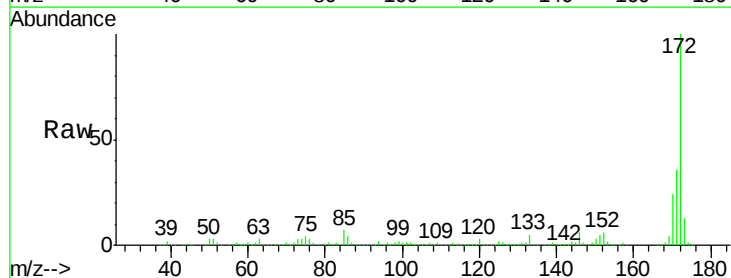
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-1(0-7)

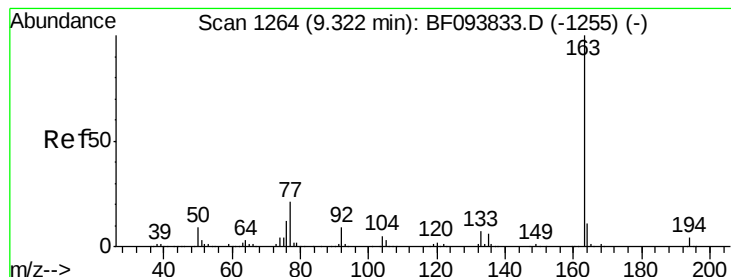
Tot Ion:330 Resp: 273472
 Ion Ratio Lower Upper
 330 100
 332 98.7 76.6 115.0
 141 39.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 77.95 ng
 RT: 8.69 min Scan# 1157
 Delta R.T. -0.04 min
 Lab File: BF094197.D
 Acq: 5 Apr 2017 18:53

Tgt Ion:172 Resp: 1674067
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.1 19.8 29.8





#49

Dimethylphthalate

Concen: 5.53 ng

RT: 9.18 min Scan# 1240

Delta R.T. -0.06 min

Lab File: BF094197.D

Acq: 5 Apr 2017 18:53

Instrument :

BNA_F

ClientSampleId :

CEMETERY-1(0-7)

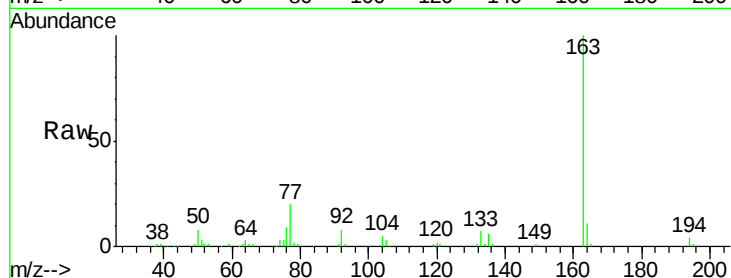
Tot Ion:163 Resp: 128816

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

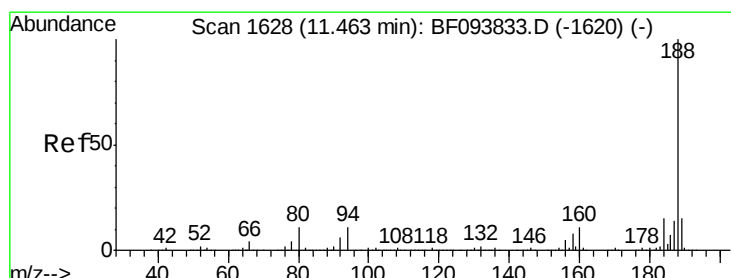
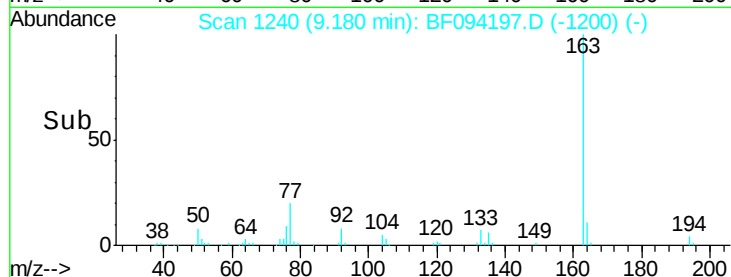
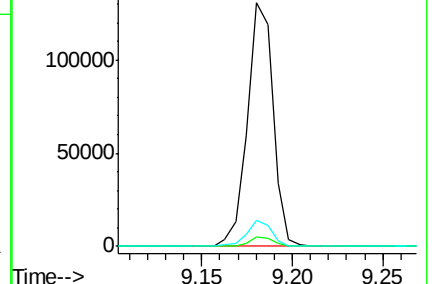
164 10.6 8.4 12.6



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: 20.00 ng

RT: 11.33 min Scan# 1605

Delta R.T. -0.05 min

Lab File: BF094197.D

Acq: 5 Apr 2017 18:53

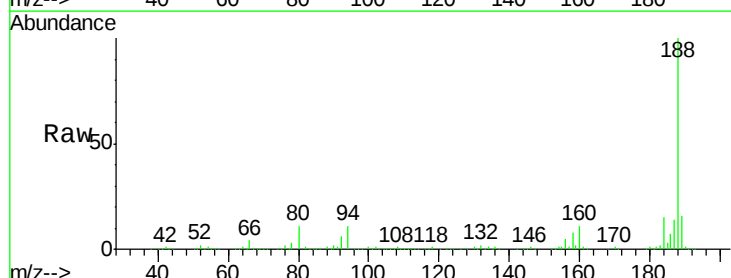
Tgt Ion:188 Resp: 586339

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

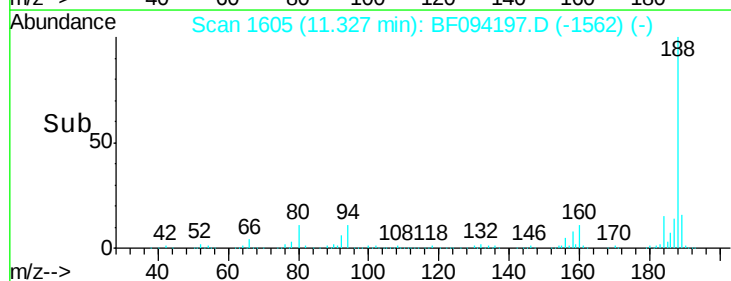
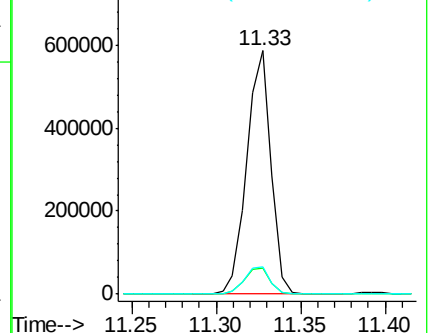
80 11.1 10.2 15.2

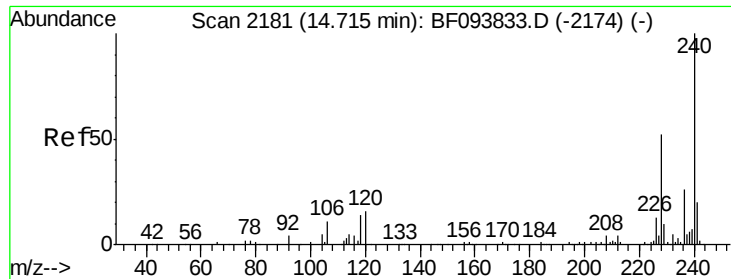


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.57 min Scan# 2157

Delta R.T. -0.05 min

Lab File: BF094197.D

Acq: 5 Apr 2017 18:53

Instrument :

BNA_F

ClientSampleId :

CEMETERY-1(0-7)

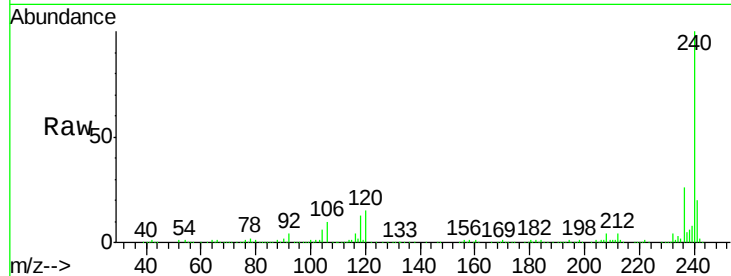
Tot Ion:240 Resp: 491318

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

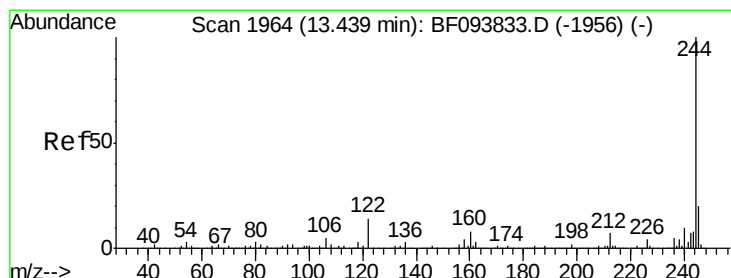
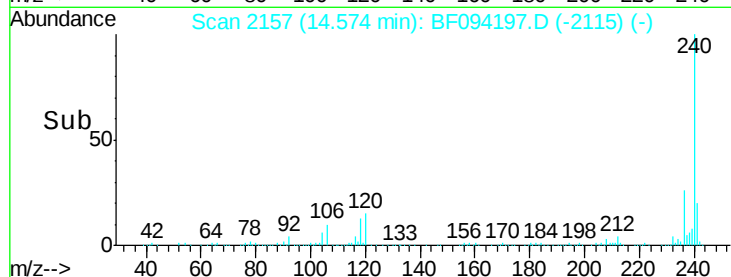
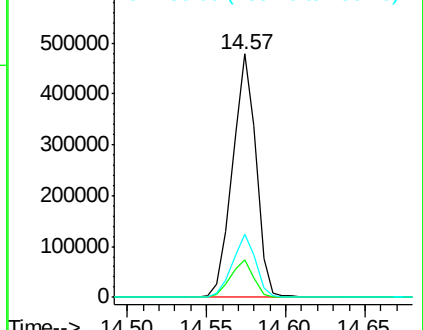
236 25.7 20.5 30.7



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: 65.01 ng

RT: 13.31 min Scan# 1942

Delta R.T. -0.04 min

Lab File: BF094197.D

Acq: 5 Apr 2017 18:53

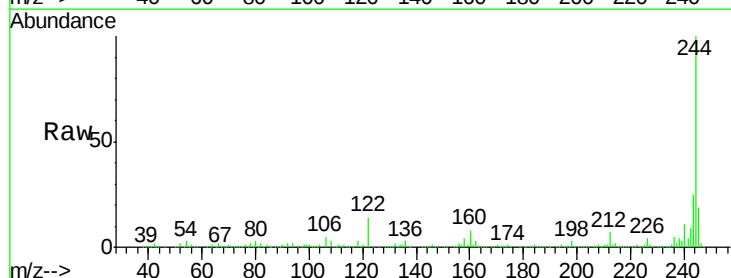
Tgt Ion:244 Resp: 1424971

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

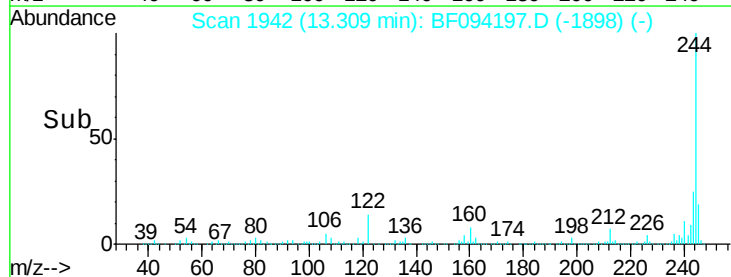
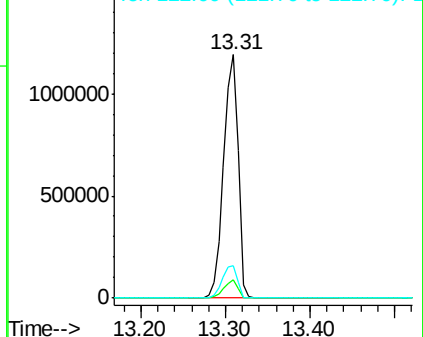
122 13.5 10.3 15.5

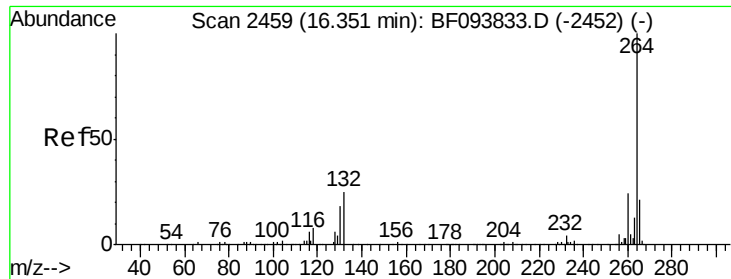


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

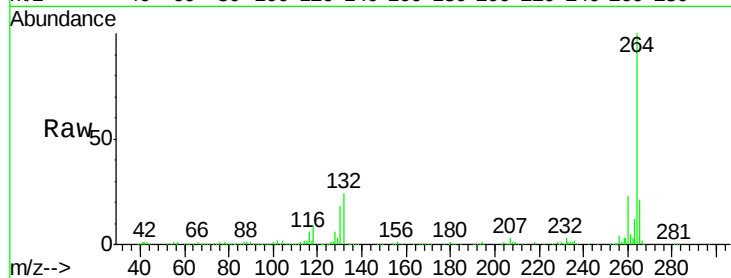




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2433
 Delta R.T. -0.05 min
 Lab File: BF094197.D
 Acq: 5 Apr 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-1(0-7)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	20.8	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

