

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094198.D
 Acq On : 5 Apr 2017 19:21
 Operator : SJ/MA
 Sample : I2523-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-2(0-7)

Quant Time: Apr 06 01:09:18 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

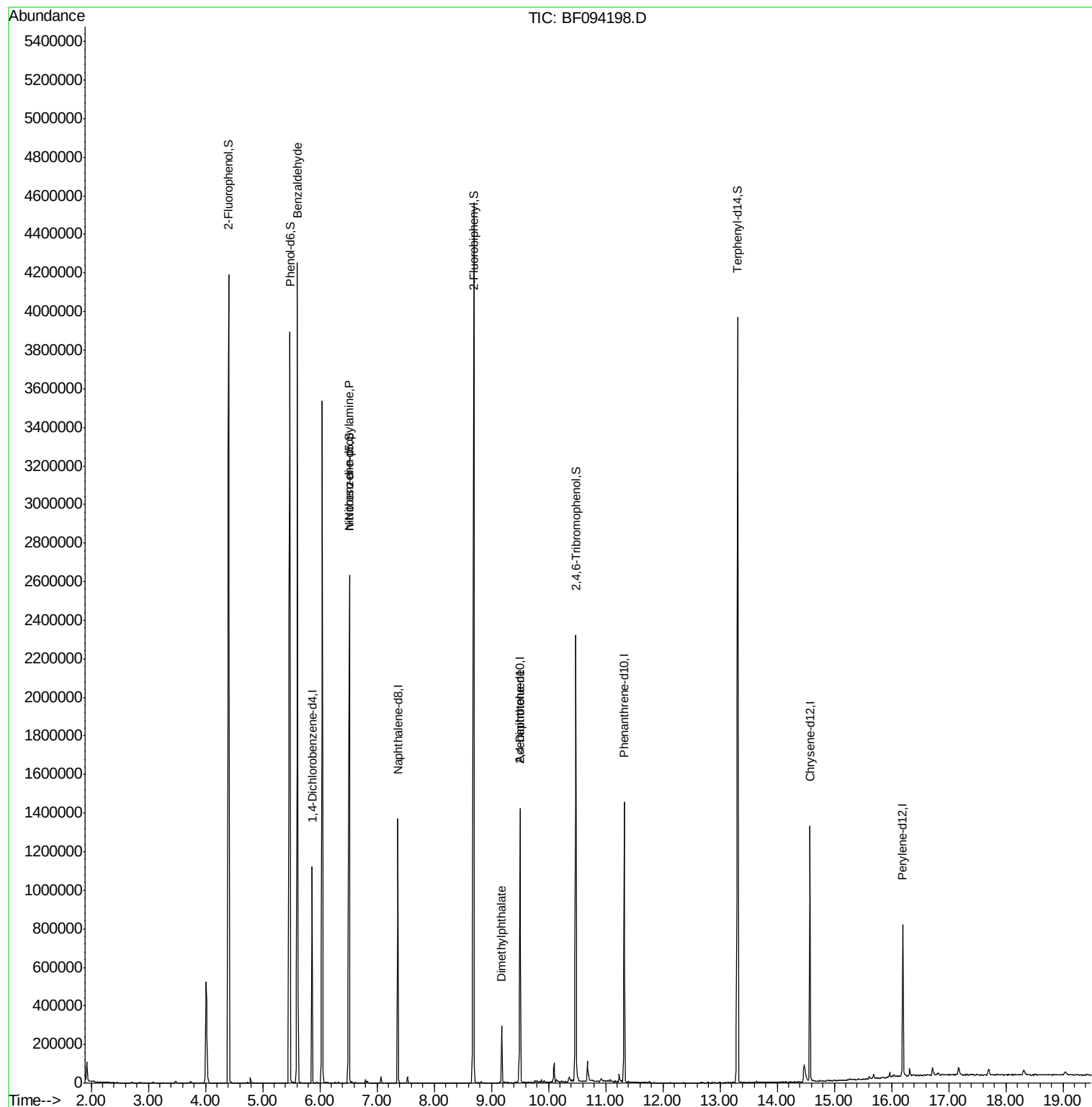
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	170673	20.00	ng	-0.04
21) Naphthalene-d8	7.36	136	686043	20.00	ng	-0.05
38) Acenaphthene-d10	9.50	164	321182	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	574198	20.00	ng	-0.05
75) Chrysene-d12	14.57	240	483713	20.00	ng	-0.05
86) Perylene-d12	16.20	264	323111	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1384729	137.04	ng	-0.03
7) Phenol-d6	5.47	99	1744265	139.53	ng	-0.04
23) Nitrobenzene-d5	6.52	82	1109109	92.26	ng	-0.04
41) 2,4,6-Tribromophenol	10.48	330	327566	129.06	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1923184	91.33	ng	-0.04
78) Terphenyl-d14	13.31	244	1632678	75.66	ng	-0.04
Target Compounds						
9) Benzaldehyde	5.61	77	30431	3.61	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	6.52	70	147432	18.35	ng	# 77
49) Dimethylphthalate	9.18	163	127923	5.60	ng	99
56) 2,4-Dinitrotoluene	9.50	165	39812	6.06	ng	# 33

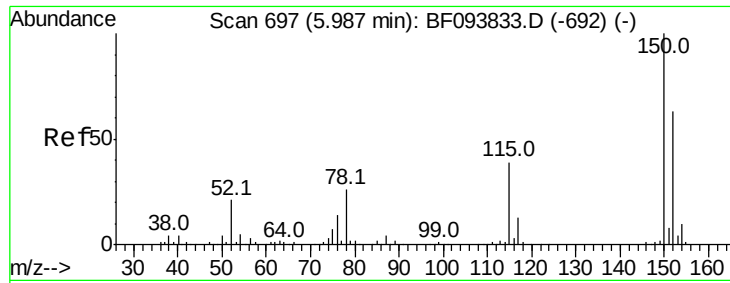
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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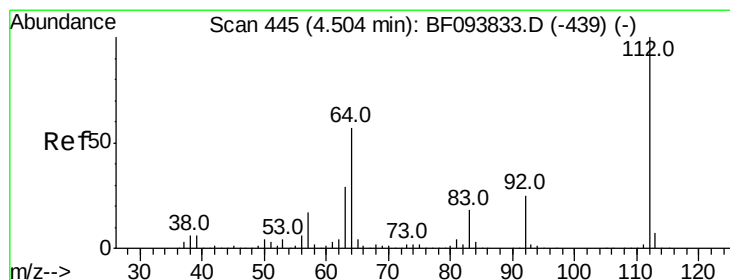
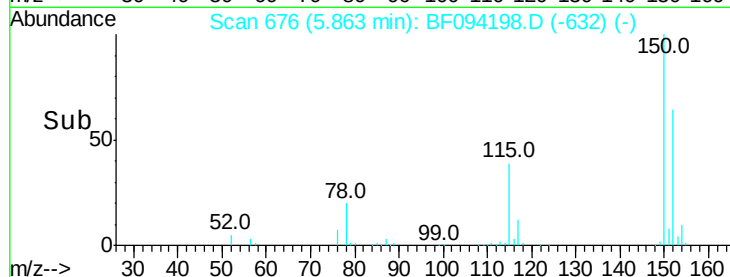
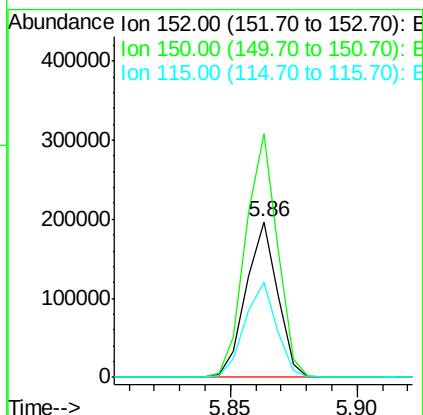
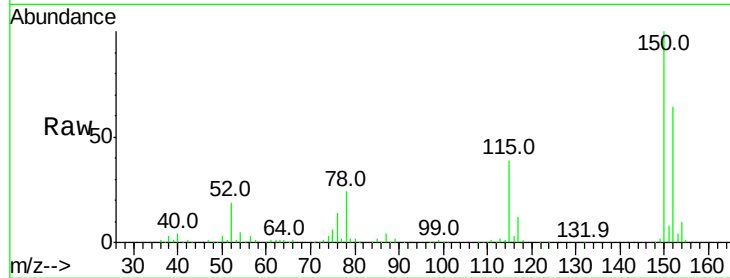


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.86 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: BF094198.D
 Acq: 5 Apr 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-2(0-7)

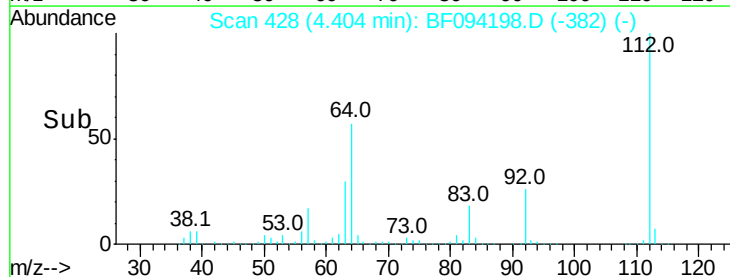
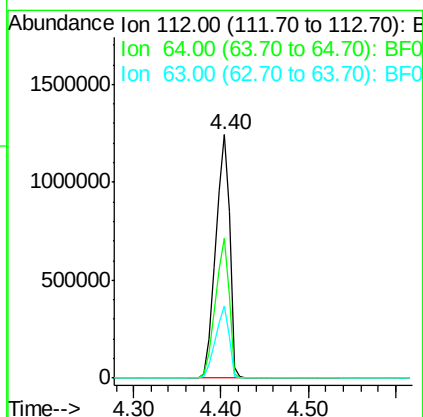
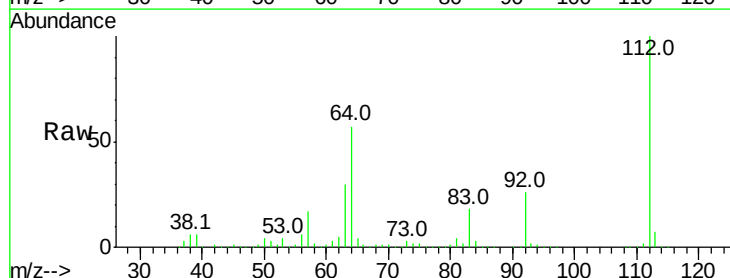
Tot Ion:152 Resp: 170673
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.2 189.2
 115 61.4 52.2 78.2

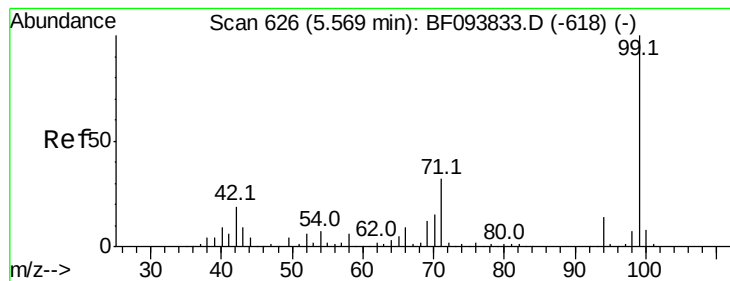


#5

2-Fluorophenol
 Concen: 137.04 ng
 RT: 4.40 min Scan# 428
 Delta R.T. -0.03 min
 Lab File: BF094198.D
 Acq: 5 Apr 2017 19:21

Tgt Ion:112 Resp: 1384729
 Ion Ratio Lower Upper
 112 100
 64 57.4 46.0 69.0
 63 29.6 23.4 35.0





#7

Phenol-d6

Concen: 139.53 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094198.D

Acq: 5 Apr 2017 19:21

Instrument :

BNA_F

ClientSampleId :

CEMETERY-2(0-7)

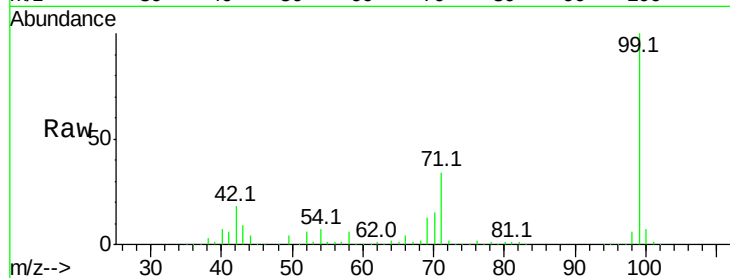
Tot Ion: 99 Resp: 1744265

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

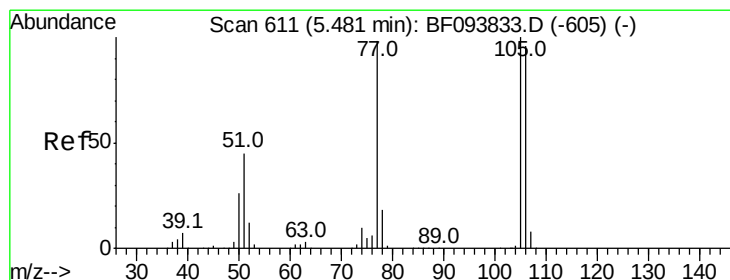
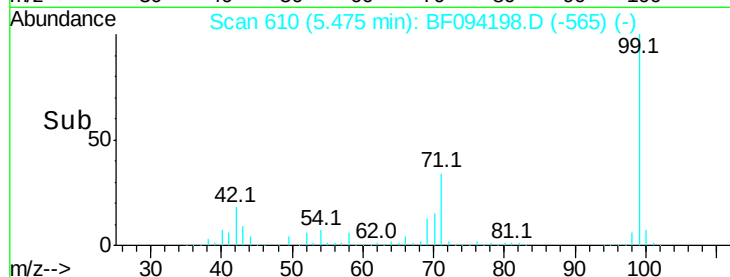
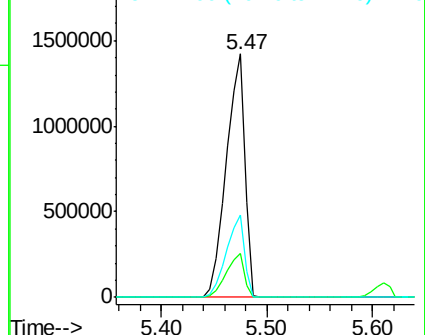
71 33.6 24.5 36.7



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



#9

Benzaldehyde

Concen: 3.61 ng

RT: 5.61 min Scan# 633

Delta R.T. 0.21 min

Lab File: BF094198.D

Acq: 5 Apr 2017 19:21

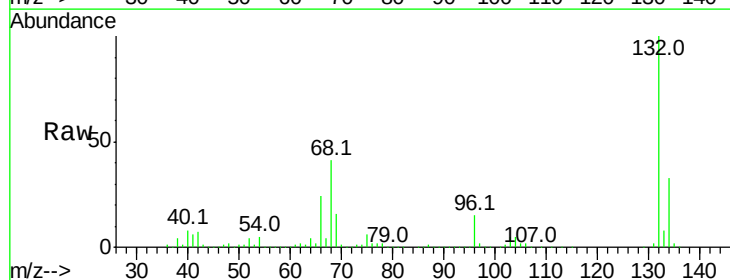
Tgt Ion: 77 Resp: 30431

Ion Ratio Lower Upper

77 100

105 88.0 83.8 123.8

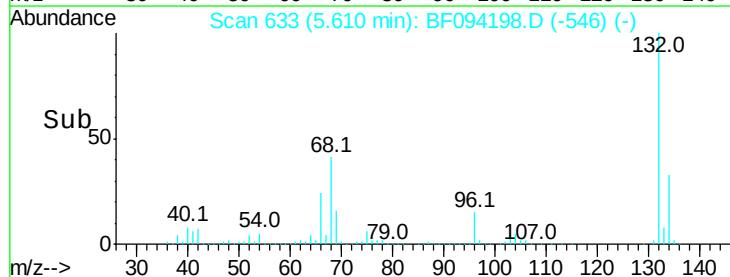
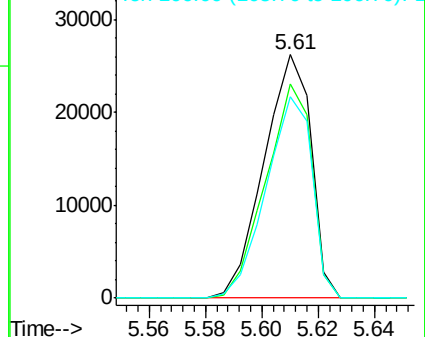
106 82.7 79.1 119.1

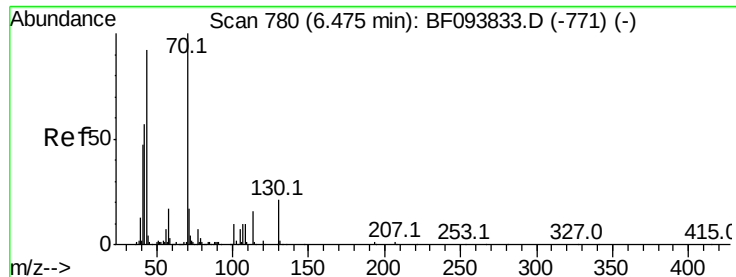


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

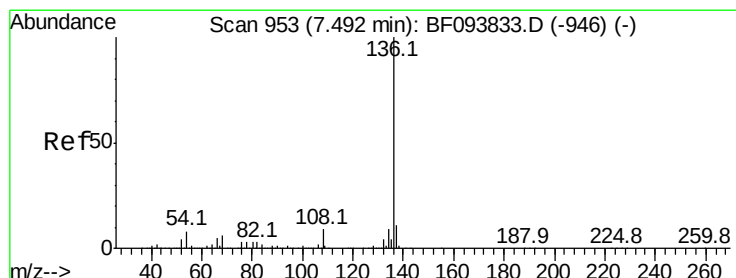
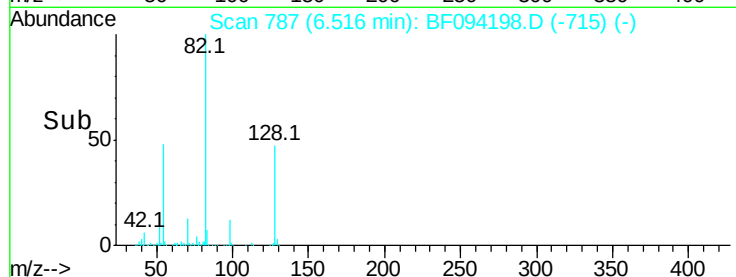
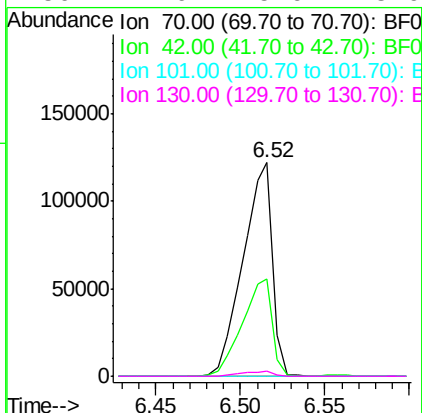
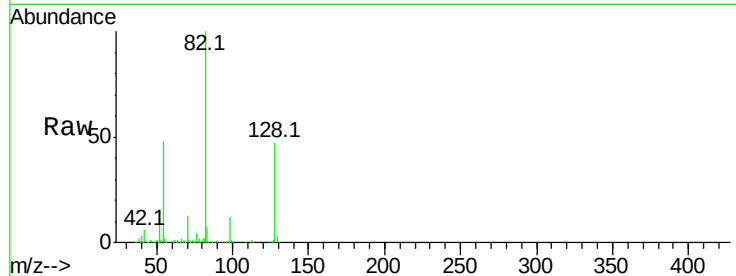




#19
n-Nitroso-di-n-propylamine
Concen: 18.35 ng
RT: 6.52 min Scan# 787
Delta R.T. 0.12 min
Lab File: BF094198.D
Acq: 5 Apr 2017 19:21

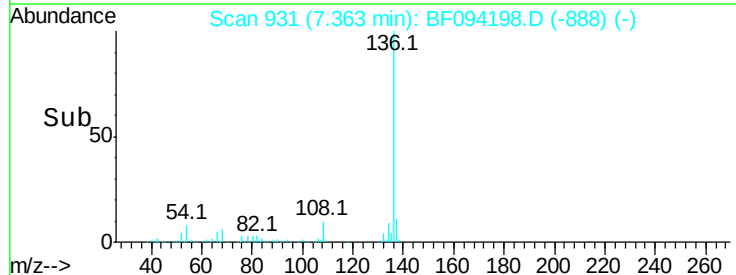
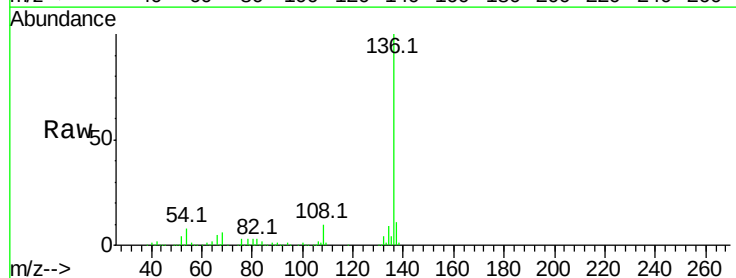
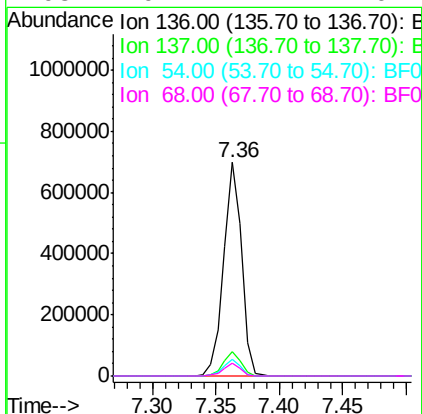
Instrument :
BNA_F
ClientSampleId :
CEMETERY-2(0-7)

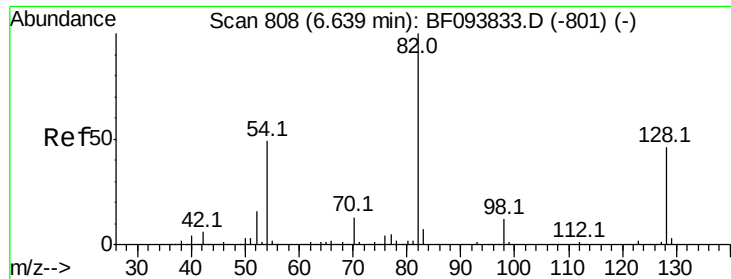
Tot Ion: 70 Resp: 147432
Ion Ratio Lower Upper
70 100
42 45.6 47.2 70.8#
101 0.0 7.2 10.8#
130 2.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 931
Delta R.T. -0.05 min
Lab File: BF094198.D
Acq: 5 Apr 2017 19:21

Tgt Ion: 136 Resp: 686043
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 7.6 4.9 7.3#
68 6.2 4.1 6.1#

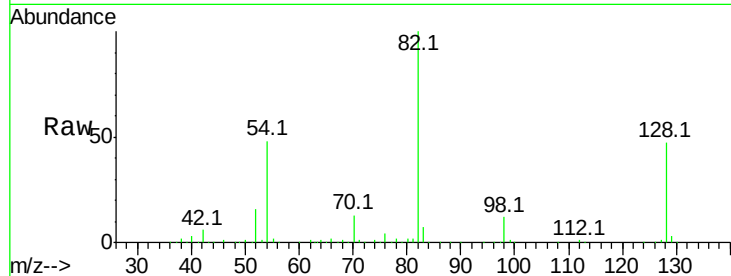




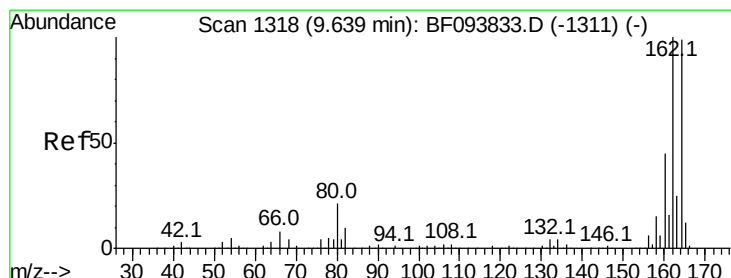
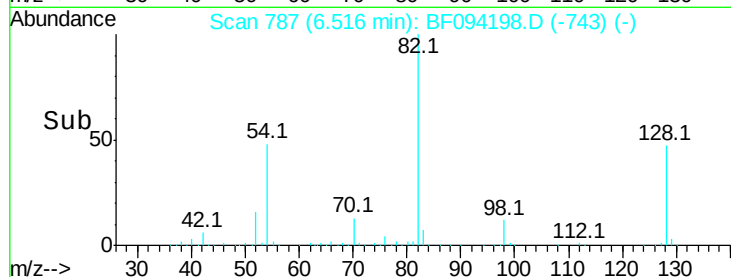
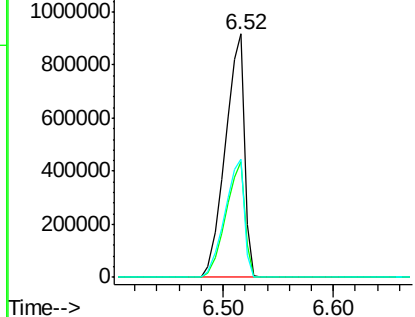
#23
 Nitrobenzene-d5
 Concen: 92.26 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BF094198.D
 Acq: 5 Apr 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-2(0-7)

Tot Ion: 82 Resp: 1109109
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 48.3 42.2 63.2

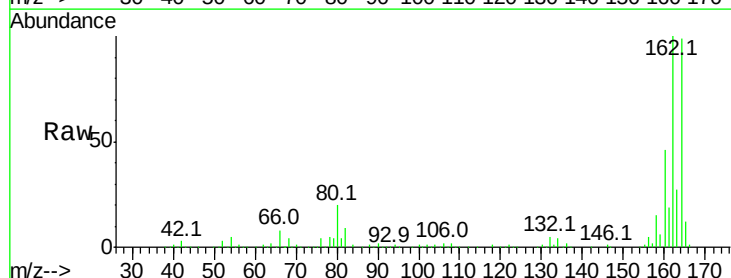


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

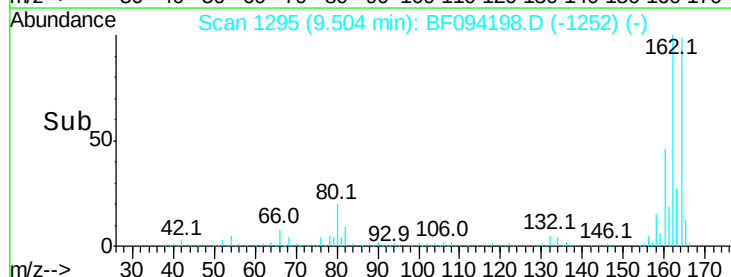
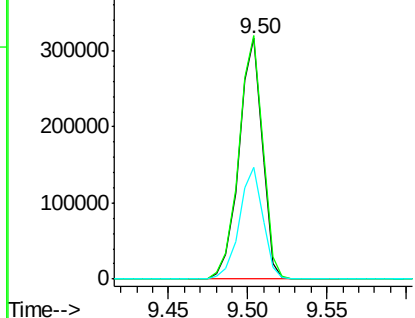


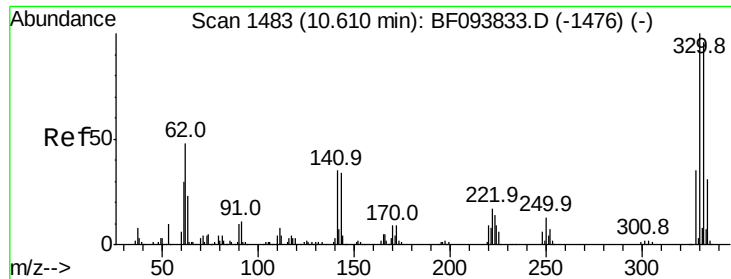
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094198.D
 Acq: 5 Apr 2017 19:21

Tgt Ion:164 Resp: 321182
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 123.8
 160 46.5 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

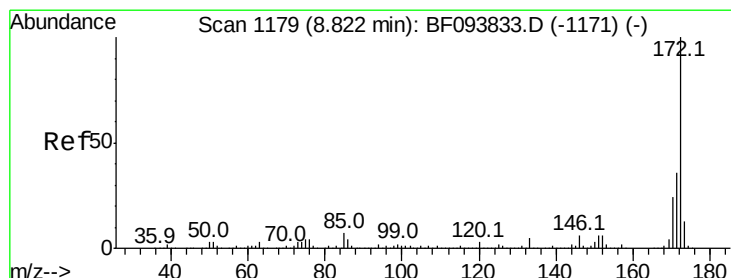
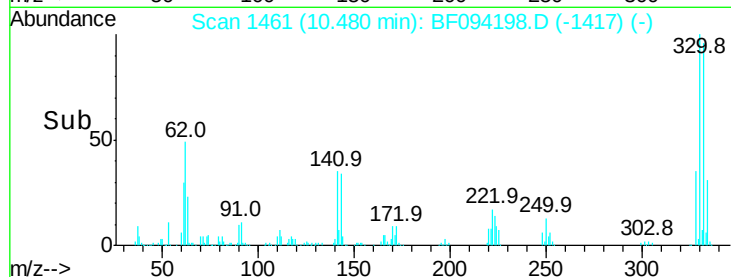
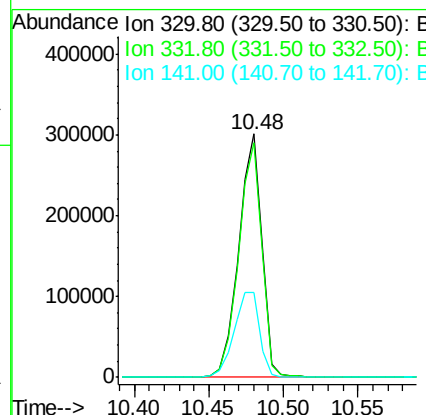
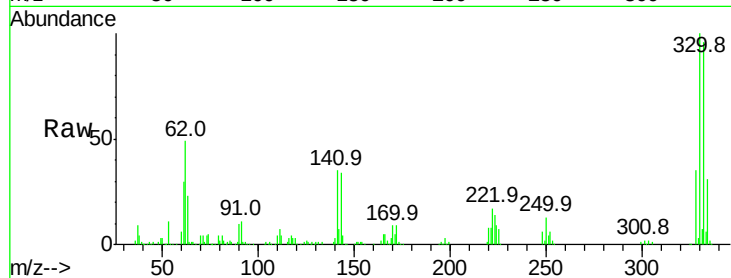




#41
 2,4,6-Tribromophenol
 Concen: 129.06 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. -0.04 min
 Lab File: BF094198.D
 Acq: 5 Apr 2017 19:21

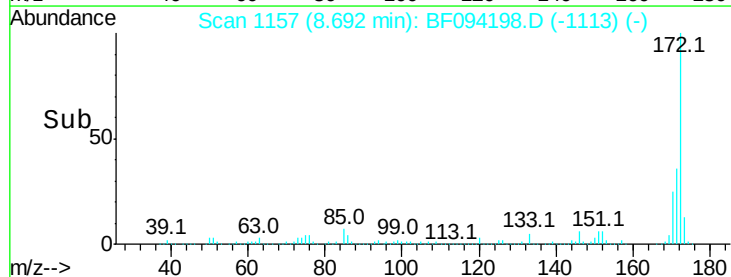
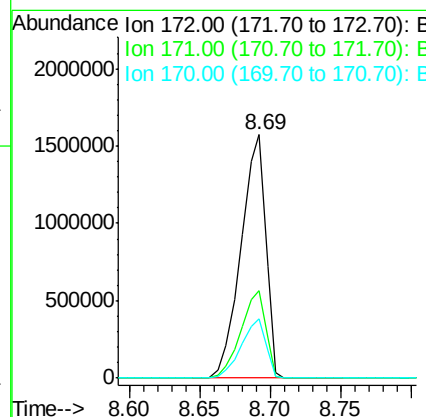
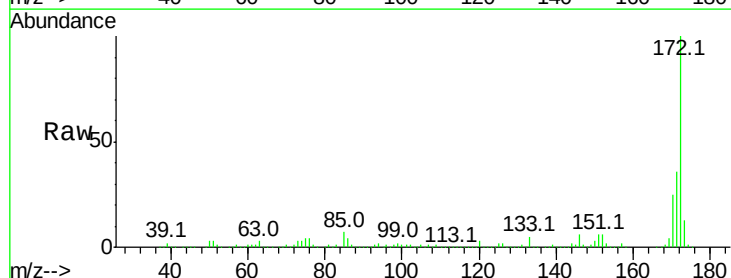
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-2(0-7)

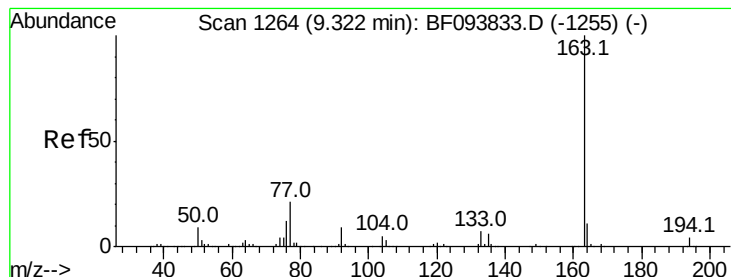
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	39.0	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 91.33 ng
 RT: 8.69 min Scan# 1157
 Delta R.T. -0.04 min
 Lab File: BF094198.D
 Acq: 5 Apr 2017 19:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.5	19.8	29.8





#49

Dimethylphthalate

Concen: 5.60 ng

RT: 9.18 min Scan# 1240

Delta R.T. -0.06 min

Lab File: BF094198.D

Acq: 5 Apr 2017 19:21

Instrument :

BNA_F

ClientSampleId :

CEMETERY-2(0-7)

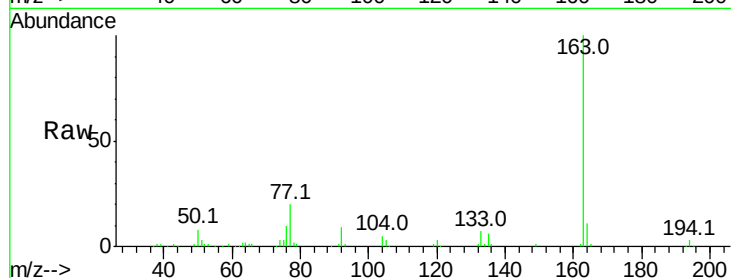
Tot Ion:163 Resp: 127923

Ion Ratio Lower Upper

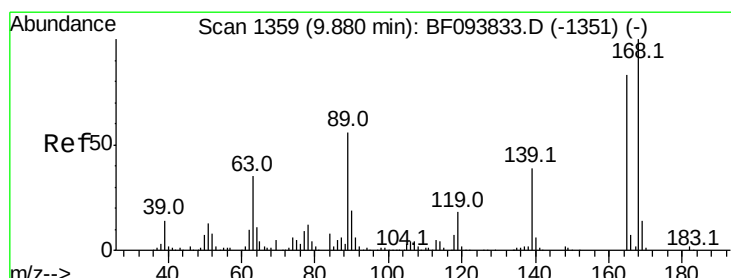
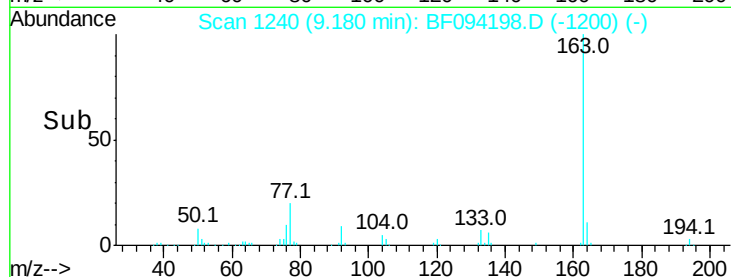
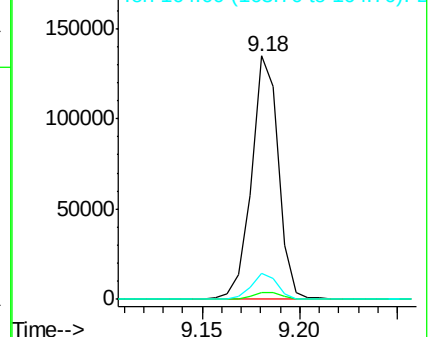
163 100

194 3.0 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



#56

2,4-Dinitrotoluene

Concen: 6.06 ng

RT: 9.50 min Scan# 1295

Delta R.T. -0.29 min

Lab File: BF094198.D

Acq: 5 Apr 2017 19:21

Tgt Ion:165 Resp: 39812

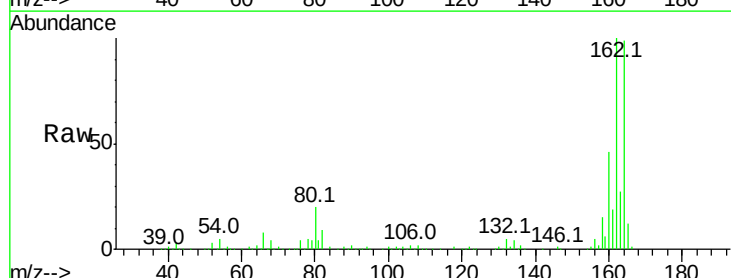
Ion Ratio Lower Upper

165 100

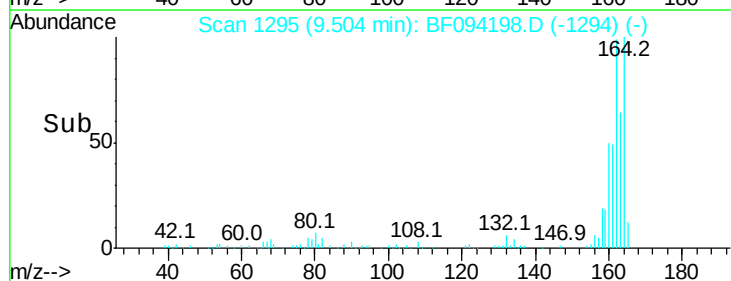
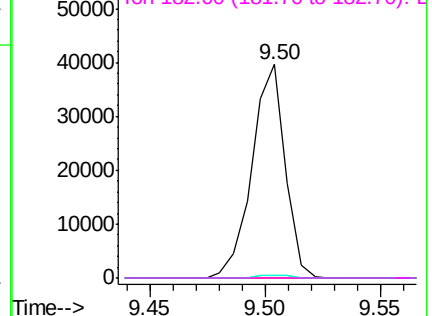
63 1.3 25.4 38.0#

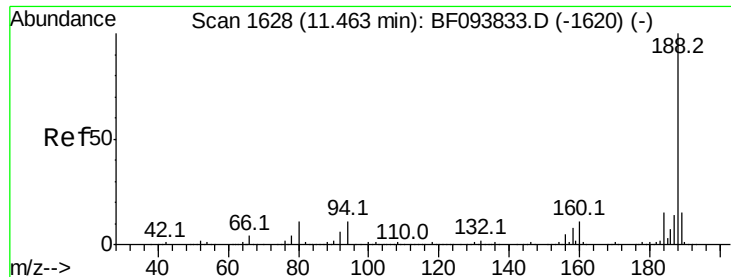
89 1.1 46.4 69.6#

182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 1605

Delta R.T. -0.05 min

Lab File: BF094198.D

Acq: 5 Apr 2017 19:21

Instrument :

BNA_F

ClientSampleId :

CEMETERY-2(0-7)

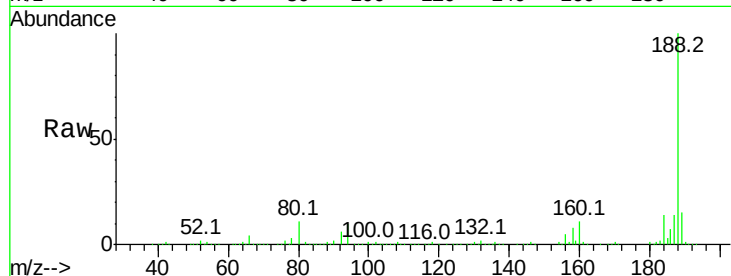
Tot Ion:188 Resp: 574198

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

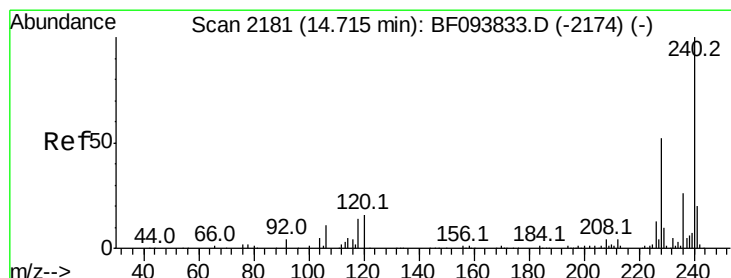
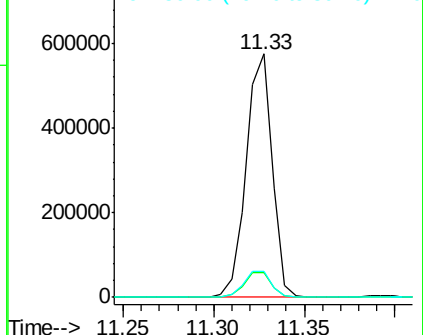
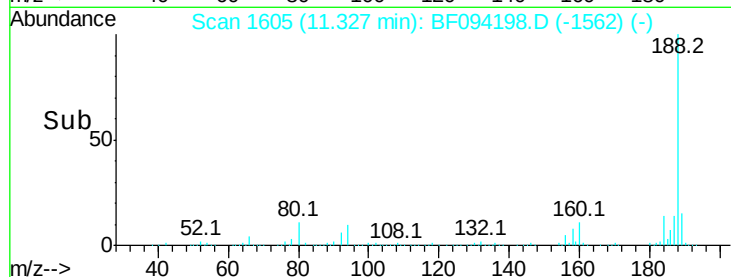
80 10.8 10.2 15.2



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: BF094198.D

Acq: 5 Apr 2017 19:21

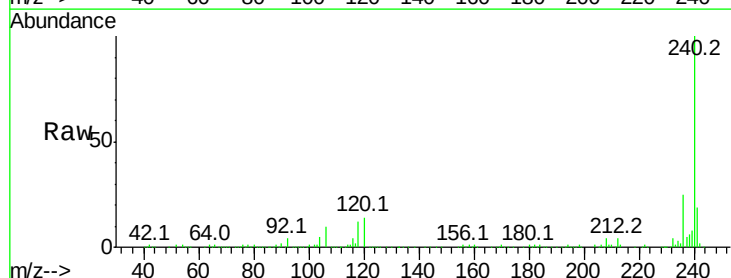
Tgt Ion:240 Resp: 483713

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

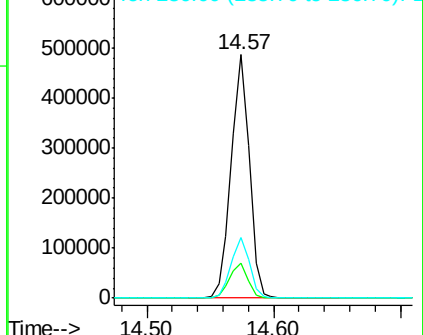
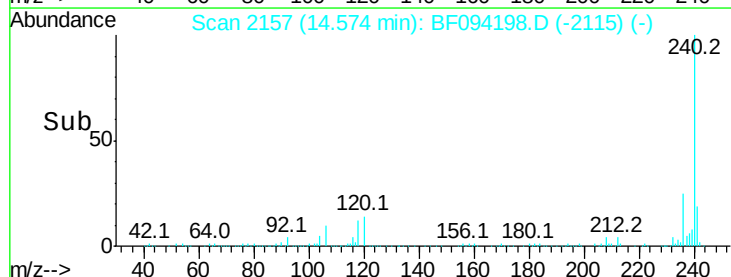
236 25.0 20.5 30.7

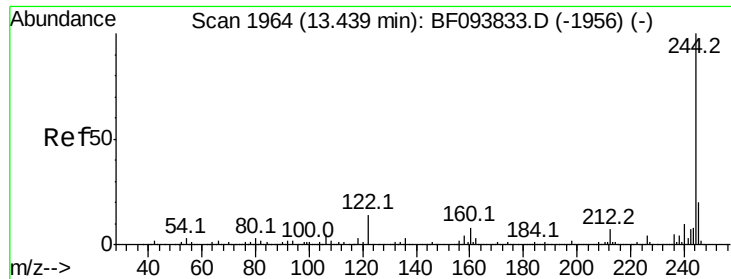


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

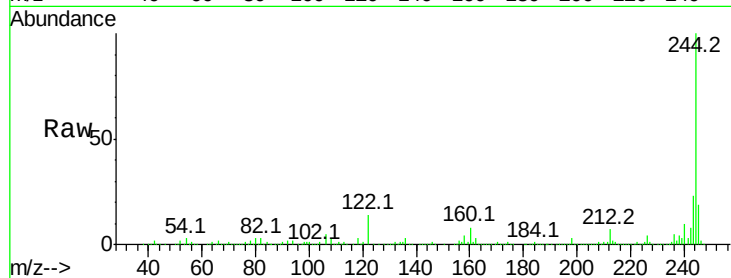




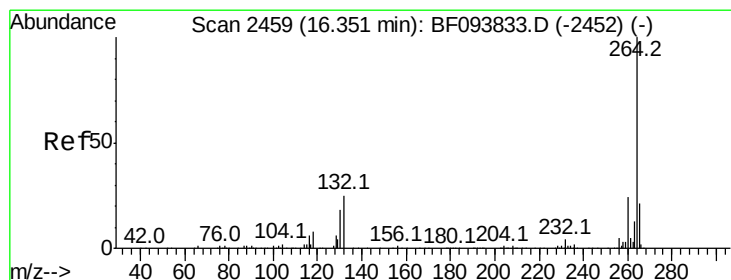
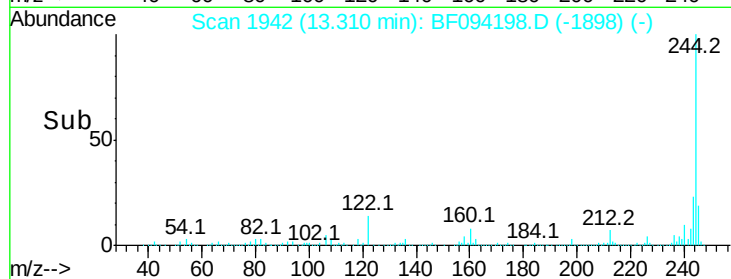
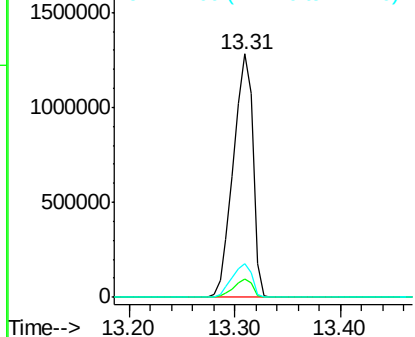
#78
 Terphenyl-d14
 Concen: 75.66 ng
 RT: 13.31 min Scan# 1942
 Delta R.T. -0.04 min
 Lab File: BF094198.D
 Acq: 5 Apr 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-2(0-7)

Tot Ion:244 Resp: 1632678
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.6 10.3 15.5

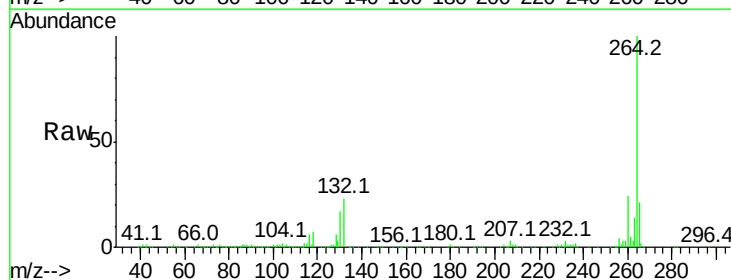


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. -0.05 min
 Lab File: BF094198.D
 Acq: 5 Apr 2017 19:21

Tgt Ion:264 Resp: 323111
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 20.9 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

