

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097094.D
 Acq On : 27 Jul 2017 00:01
 Operator : SJ/JU
 Sample : I4359-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-6-(0-2)

Quant Time: Jul 27 09:06:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

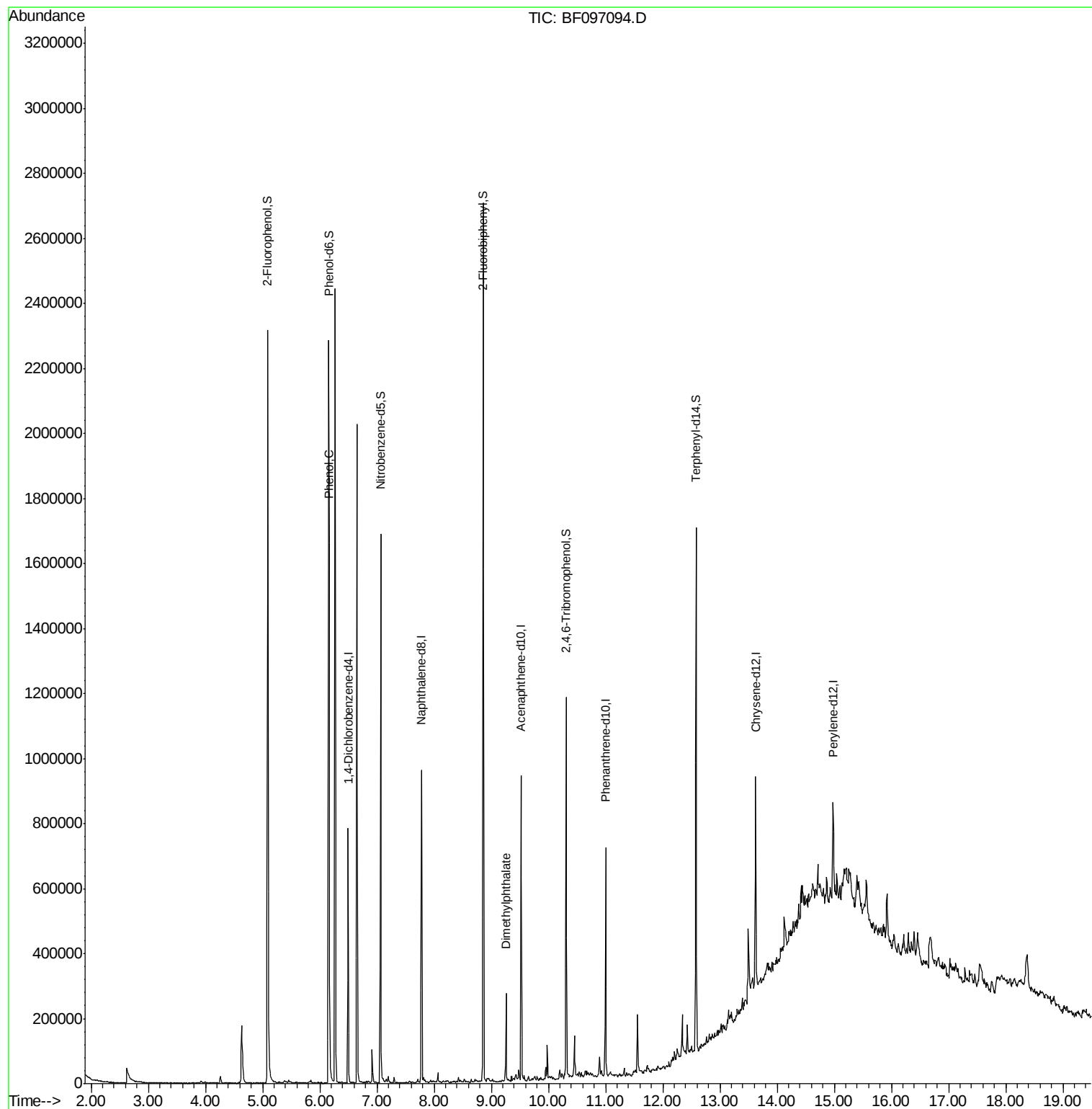
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	110760	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	442566	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	167650	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	241854	20.00	ng	0.00
75) Chrysene-d12	13.62	240	213905	20.00	ng	0.00
86) Perylene-d12	14.98	264	134771	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	732591	99.71	ng	-0.01
7) Phenol-d6	6.16	99	827833	98.69	ng	-0.01
23) Nitrobenzene-d5	7.06	82	477283	63.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	124039	93.64	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	803843	81.37	ng	-0.01
78) Terphenyl-d14	12.58	244	509960	48.61	ng	0.00
Target Compounds						
10) Phenol	6.17	94	30226	3.038	ng	98
49) Dimethylphthalate	9.26	163	106041	8.329	ng	97

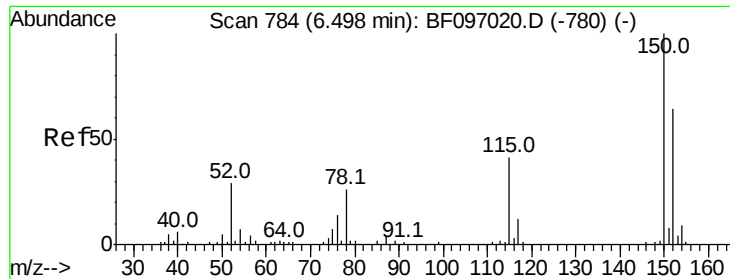
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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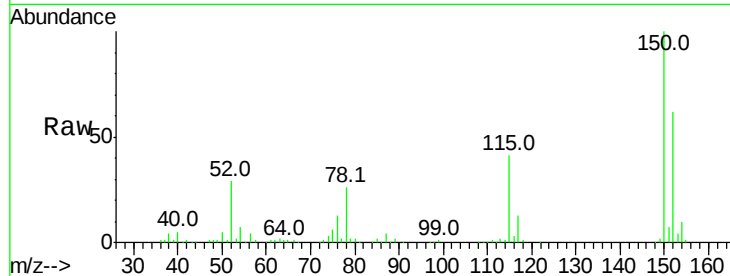


#1

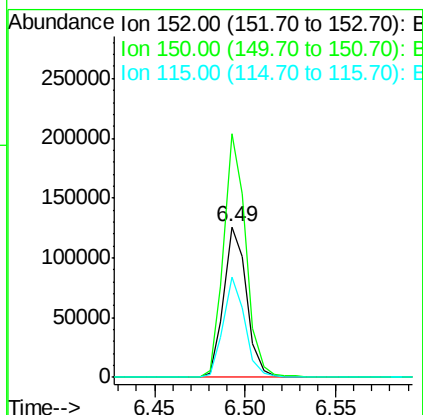
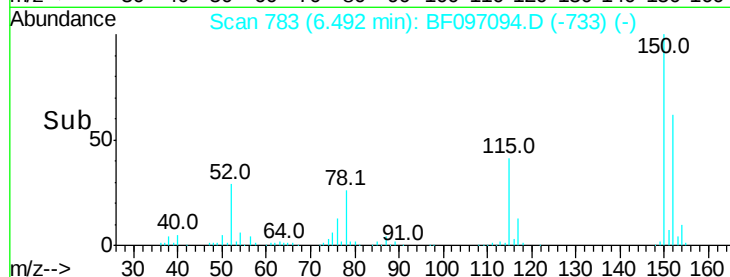
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF097094.D
 Acq: 27 Jul 2017 00:01

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-6-(0-2)

Tot Ion:152 Resp: 110760
 Ion Ratio Lower Upper
 152 100
 150 162.0 126.2 189.2
 115 66.8 52.2 78.2



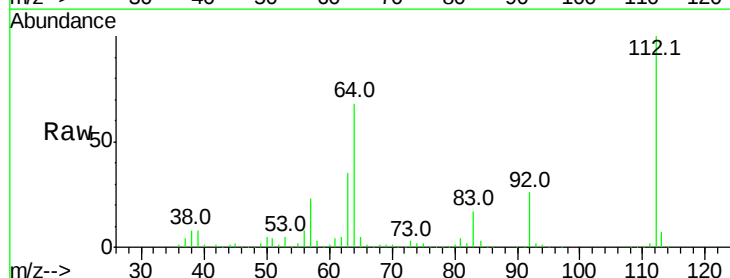
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



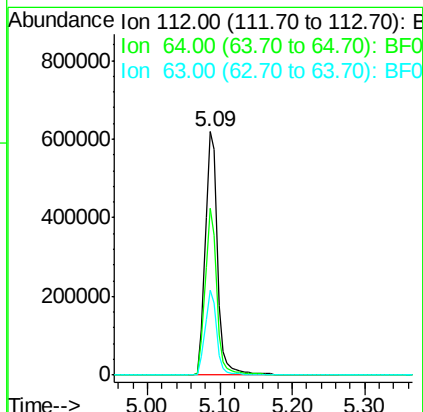
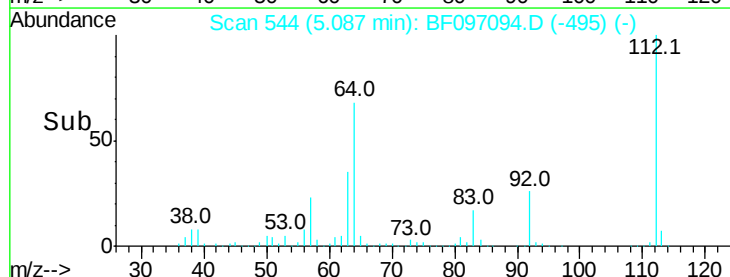
#5

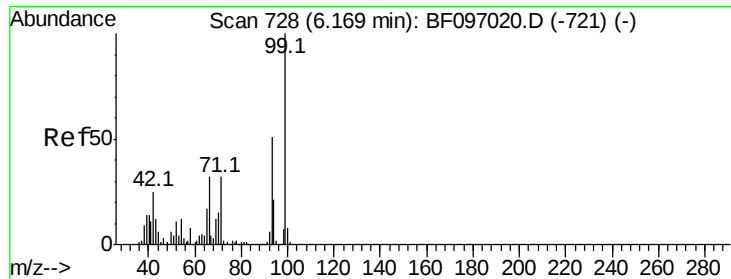
2-Fluorophenol
 Concen: 99.709 ng
 RT: 5.09 min Scan# 544
 Delta R.T. -0.01 min
 Lab File: BF097094.D
 Acq: 27 Jul 2017 00:01

Tgt Ion:112 Resp: 732591
 Ion Ratio Lower Upper
 112 100
 64 68.3 46.0 69.0
 63 35.0 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: 98.694 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097094.D

Acq: 27 Jul 2017 00:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-6-(0-2)

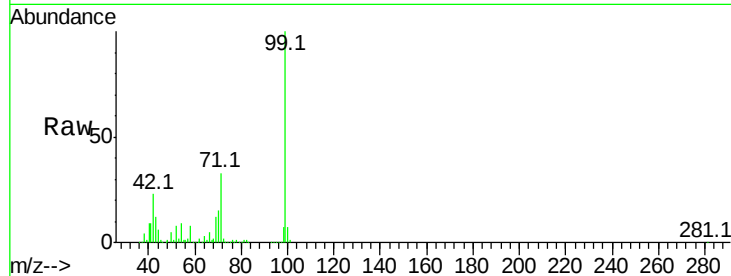
Tot Ion: 99 Resp: 827833

Ion Ratio Lower Upper

99 100

42 23.3 13.5 20.3#

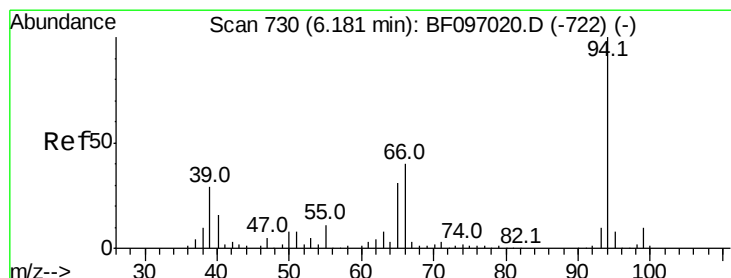
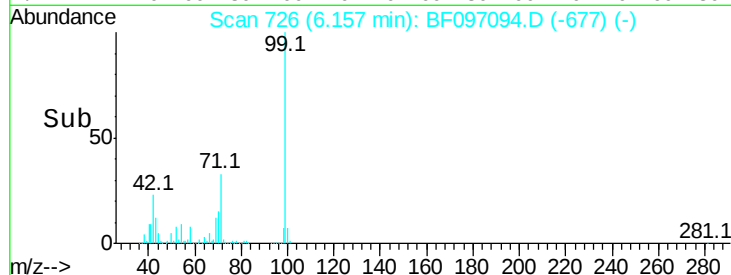
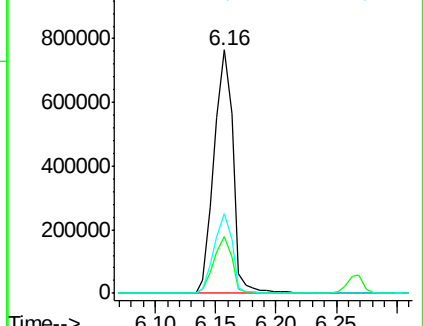
71 33.0 24.5 36.7



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



#10

Phenol

Concen: 3.038 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097094.D

Acq: 27 Jul 2017 00:01

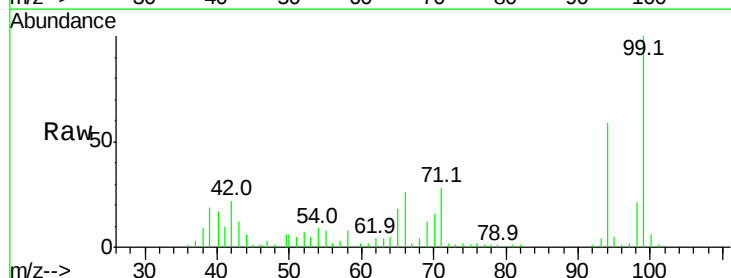
Tgt Ion: 94 Resp: 30226

Ion Ratio Lower Upper

94 100

65 30.9 9.9 49.9

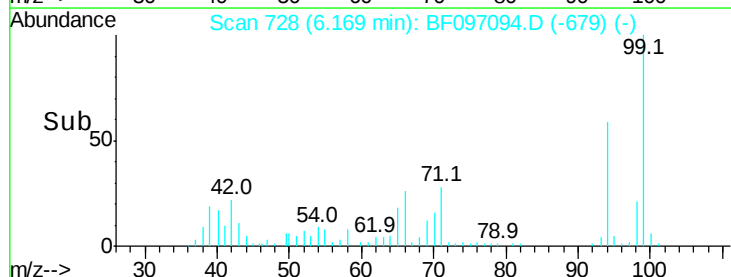
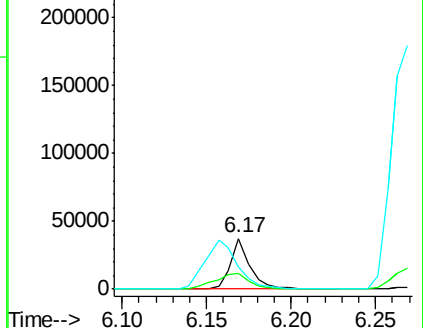
66 44.4 23.1 63.1



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: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097094.D

Acq: 27 Jul 2017 00:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-6-(0-2)

Tot Ion:136 Resp: 442566

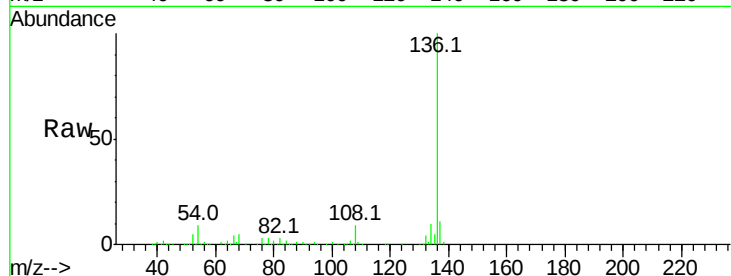
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 9.1 4.9 7.3#

68 4.8 4.1 6.1

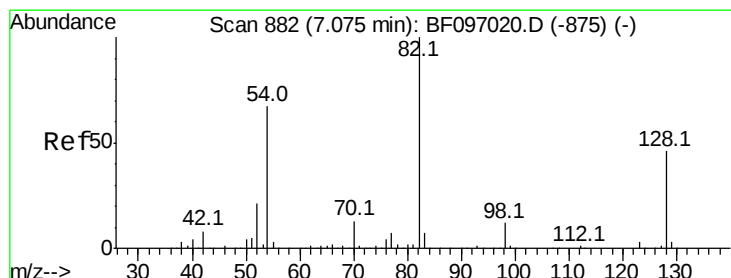
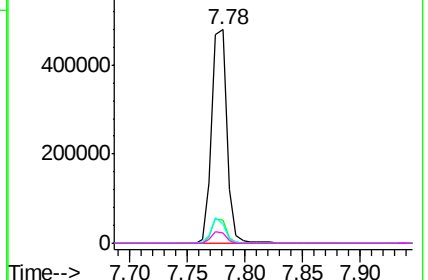
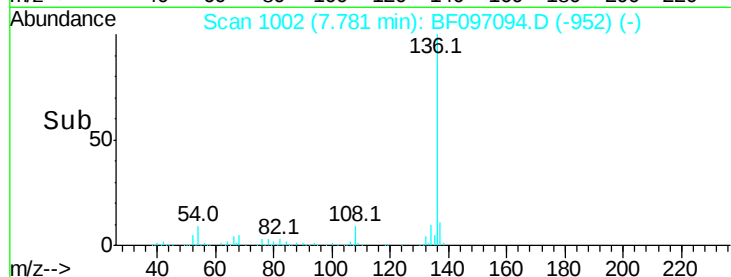


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.266 ng

RT: 7.06 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF097094.D

Acq: 27 Jul 2017 00:01

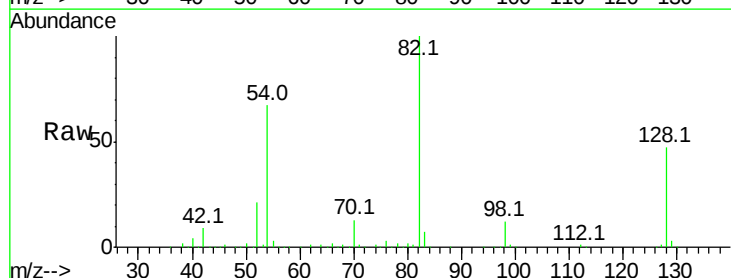
Tgt Ion: 82 Resp: 477283

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

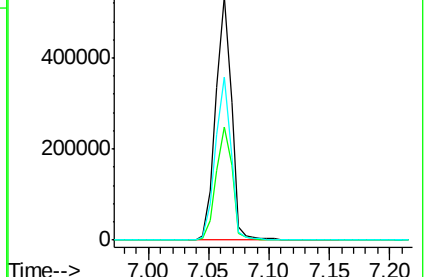
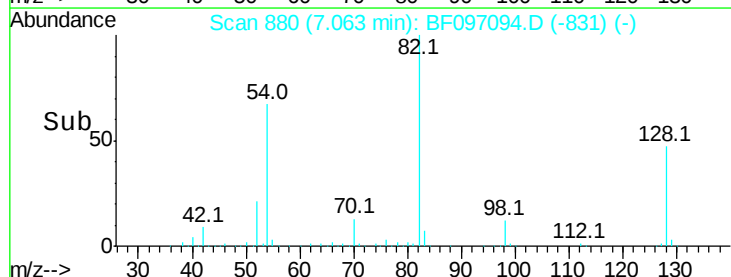
54 66.9 42.2 63.2#



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

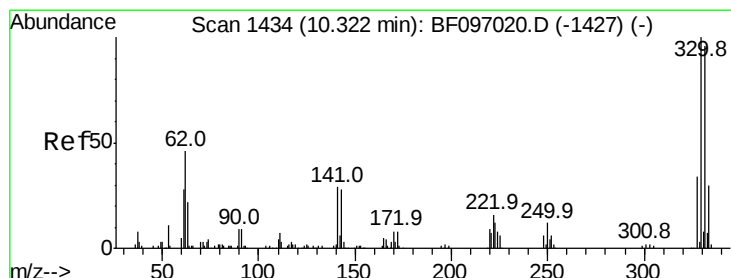
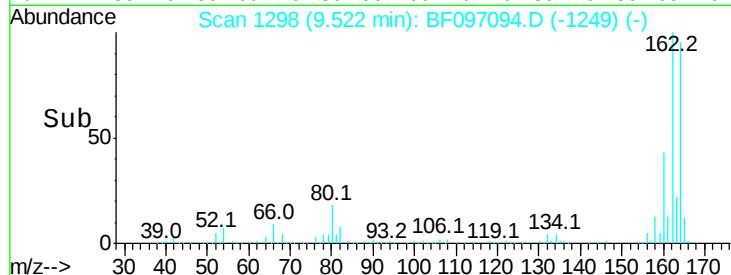
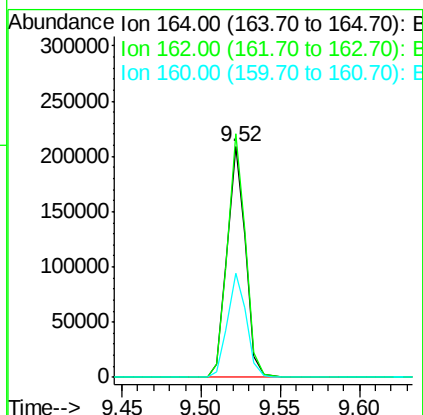
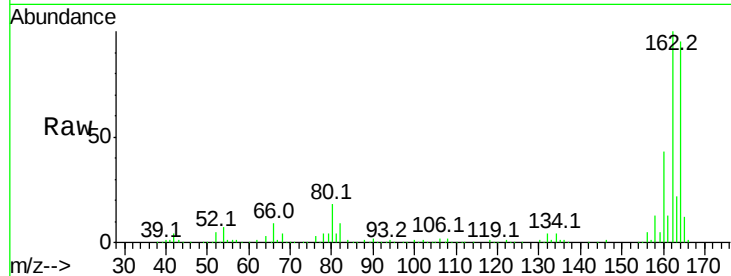




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF097094.D
 Acq: 27 Jul 2017 00:01

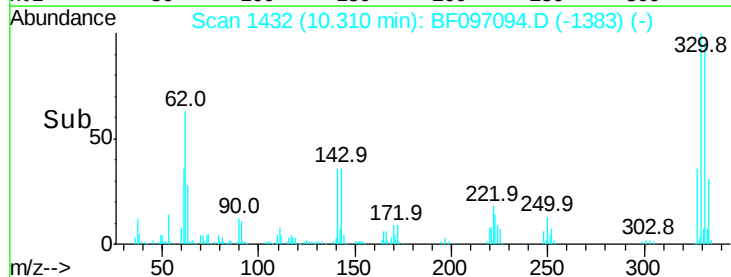
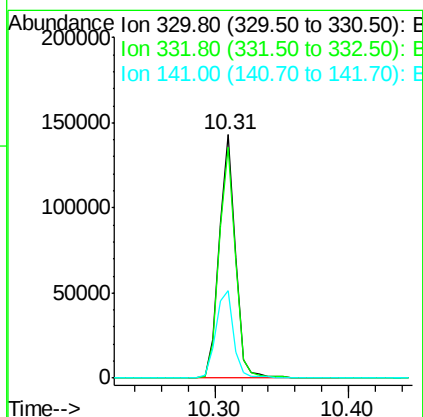
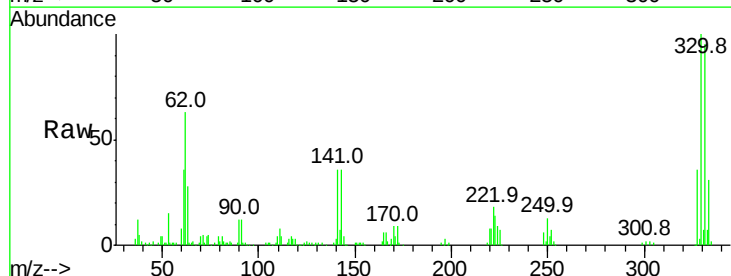
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-6-(0-2)

Tot Ion:164 Resp: 167650
 Ion Ratio Lower Upper
 164 100
 162 105.7 82.6 123.8
 160 45.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 93.643 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097094.D
 Acq: 27 Jul 2017 00:01

Tgt Ion:330 Resp: 124039
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 39.1 31.4 47.2

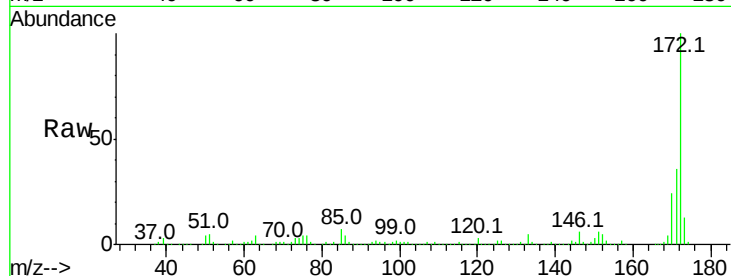




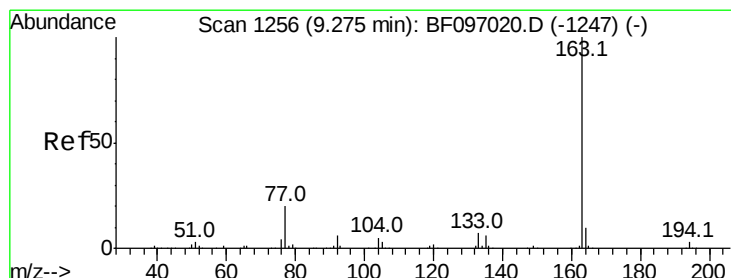
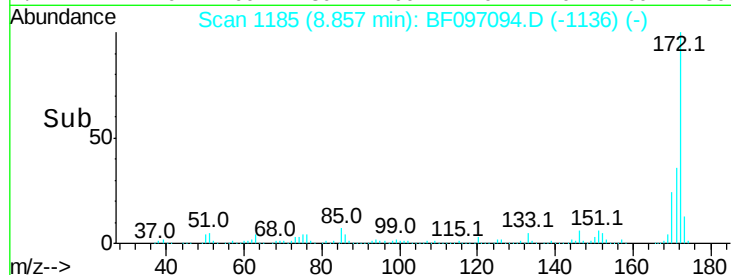
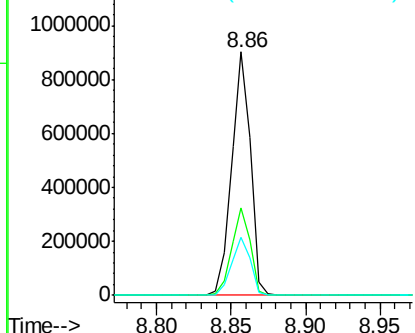
#44
2-Fluorobiphenyl
Concen: 81.372 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097094.D
Acq: 27 Jul 2017 00:01

Instrument :
BNA_F
ClientSampleId :
CEMETERY-6-(0-2)

Tot Ion:172 Resp: 803843
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.1 19.8 29.8

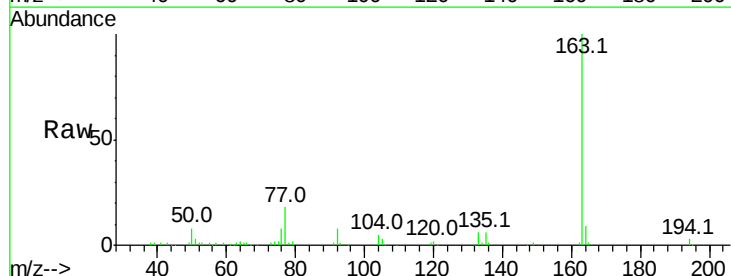


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

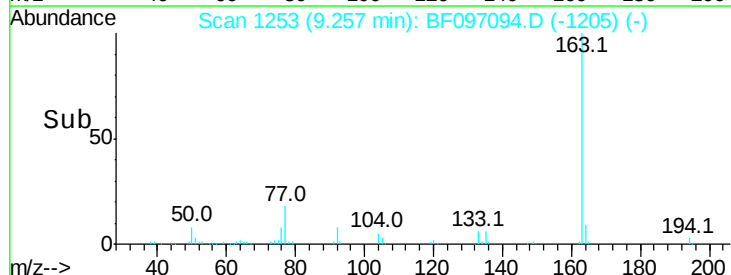
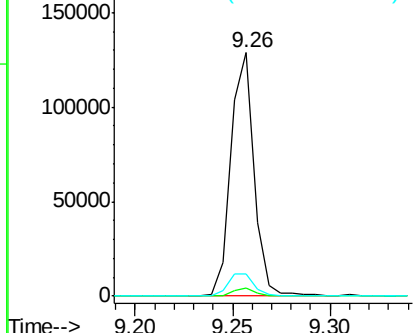


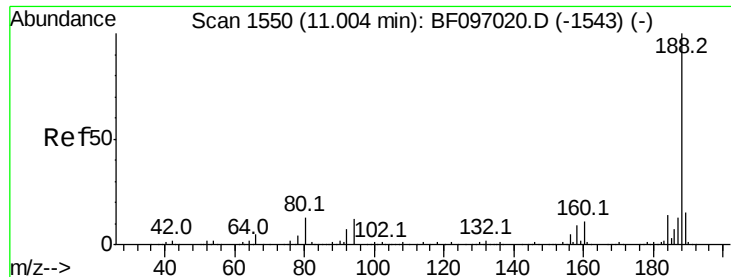
#49
Dimethylphthalate
Concen: 8.329 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097094.D
Acq: 27 Jul 2017 00:01

Tgt Ion:163 Resp: 106041
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.1 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

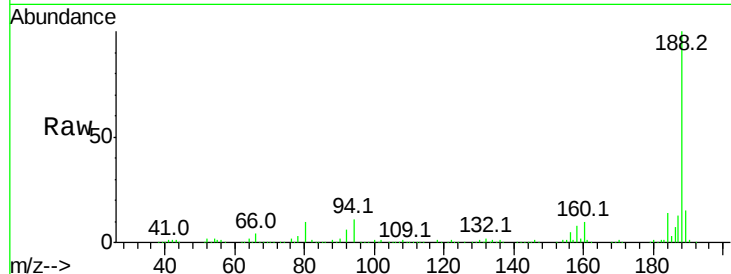




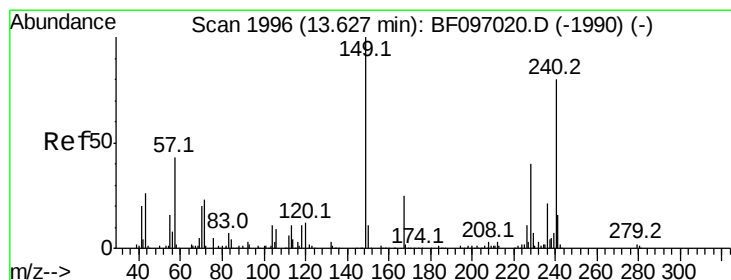
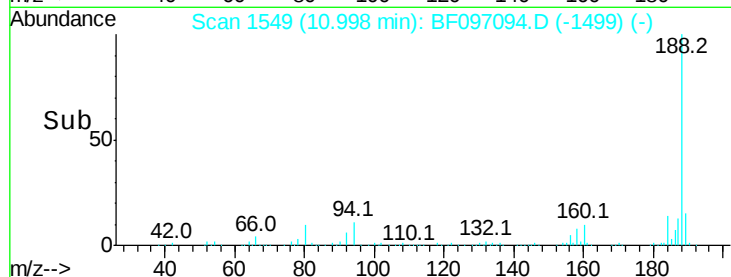
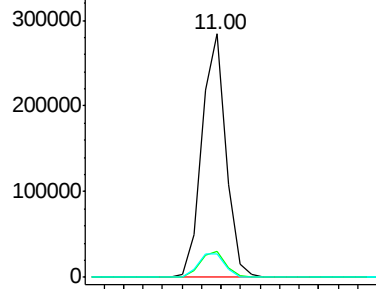
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097094.D
Acq: 27 Jul 2017 00:01

Instrument :
BNA_F
ClientSampleId :
CEMETERY-6-(0-2)

Tot Ion:188 Resp: 241854
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 9.8 10.2 15.2#

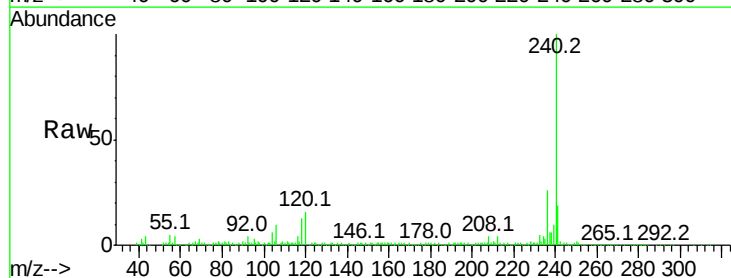


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

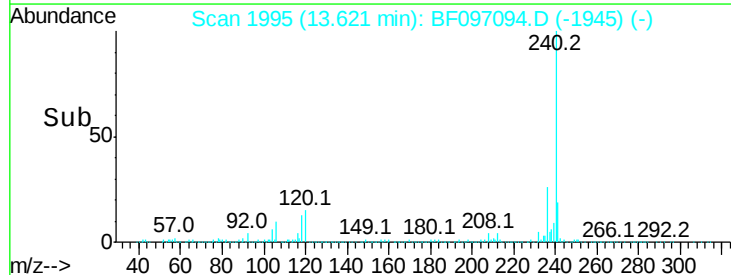
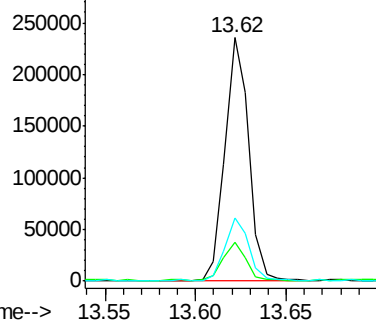


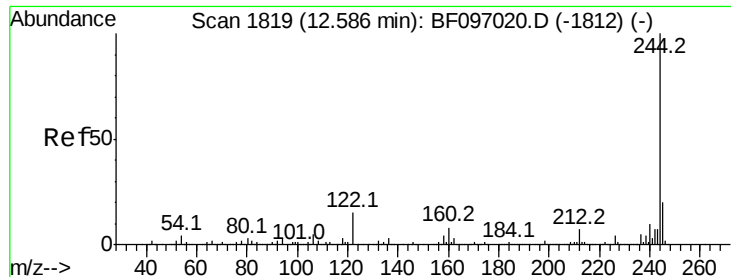
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097094.D
Acq: 27 Jul 2017 00:01

Tgt Ion:240 Resp: 213905
Ion Ratio Lower Upper
240 100
120 15.7 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





#78

Terphenyl-d14

Concen: 48.607 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097094.D

Acq: 27 Jul 2017 00:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-6-(0-2)

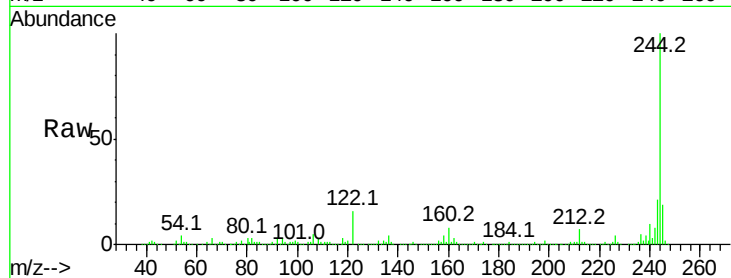
Tot Ion:244 Resp: 509960

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

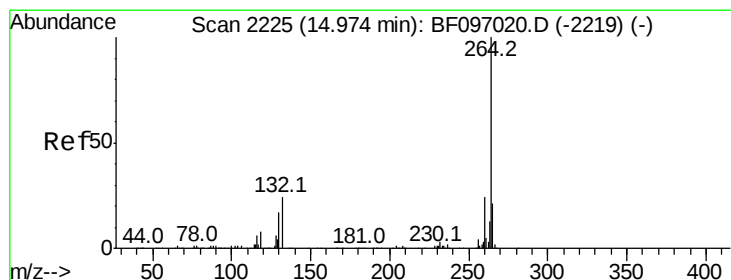
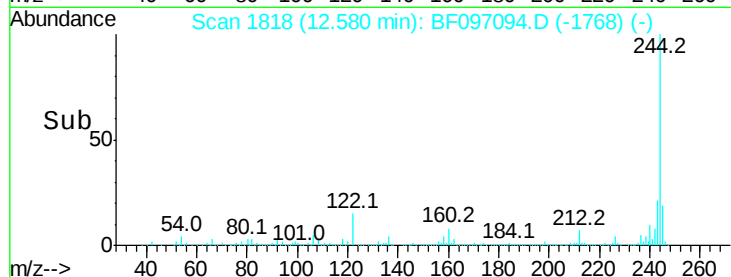
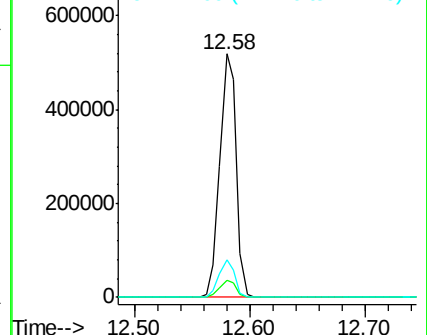
122 15.6 10.3 15.5#



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: 20.000 ng

RT: 14.98 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF097094.D

Acq: 27 Jul 2017 00:01

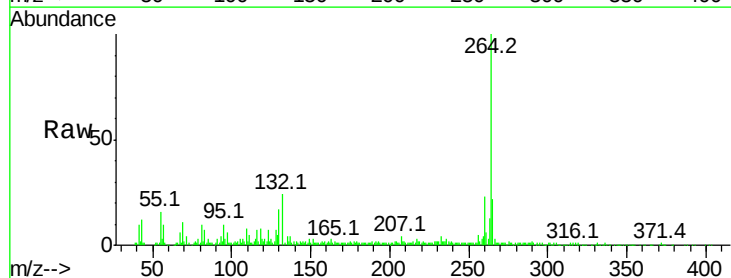
Tgt Ion:264 Resp: 134771

Ion Ratio Lower Upper

264 100

260 22.6 19.5 29.3

265 22.1 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

