

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097047.D
 Acq On : 25 Jul 2017 23:39
 Operator : SJ/JU
 Sample : I4359-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-10-(0-2)

Quant Time: Jul 26 01:07:48 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

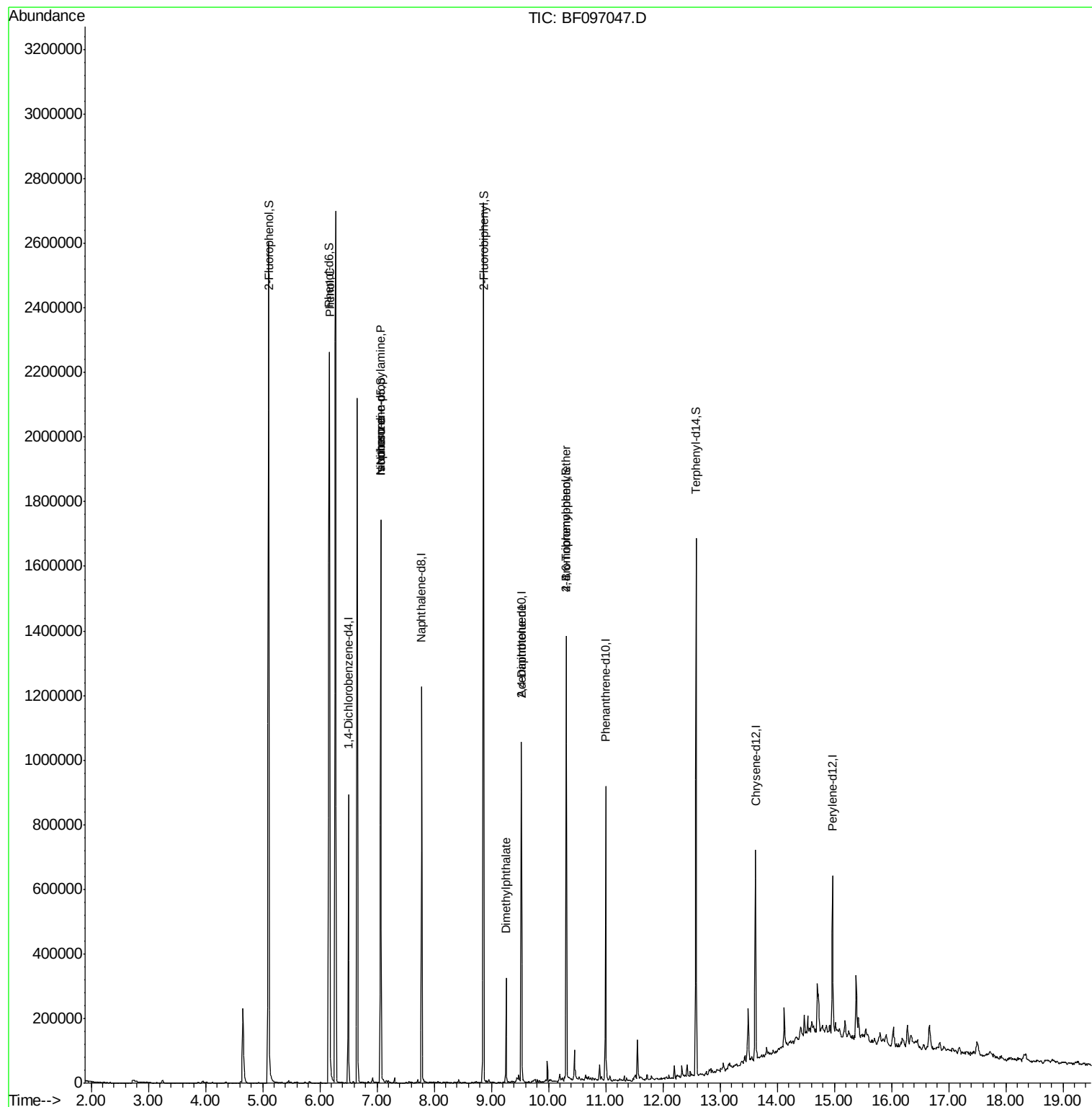
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	126719	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	504597	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	206411	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	299835	20.00	ng	0.00
75) Chrysene-d12	13.62	240	215933	20.00	ng	0.00
86) Perylene-d12	14.97	264	193250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	753263	89.61	ng	0.00
7) Phenol-d6	6.17	99	917866	95.65	ng	0.00
23) Nitrobenzene-d5	7.07	82	545930	63.47	ng	0.00
41) 2,4,6-Tribromophenol	10.31	330	149066	91.40	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	892144	73.35	ng	0.00
78) Terphenyl-d14	12.58	244	532036	50.24	ng	0.00
Target Compounds						
10) Phenol	6.17	94	28232	2.48	ng	89
19) n-Nitroso-di-n-propylamine	7.07	70	73637	11.66	ng	# 86
25) Isophorone	7.07	82	540266	32.07	ng	# 67
49) Dimethylphthalate	9.26	163	114144	7.28	ng	98
56) 2,4-Dinitrotoluene	9.53	165	25868	6.77	ng	# 33
66) 4-Bromophenyl-phenylether	10.31	248	10252	3.43	ng	# 1

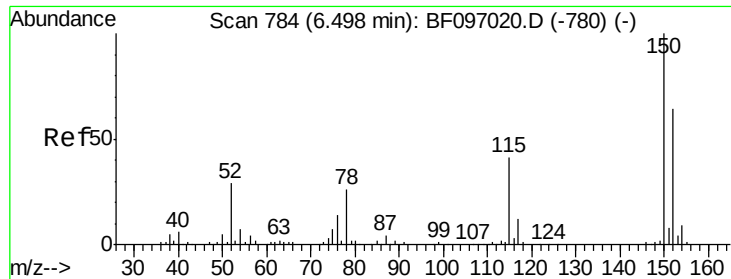
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097047.D
Acq On : 25 Jul 2017 23:39
Operator : SJ/JU
Sample : I4359-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CEMETERY-10-(0-2)

Quant Time: Jul 26 01:07:48 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF097047.D

Acq: 25 Jul 2017 23:39

Instrument :

BNA_F

ClientSampleId :

CEMETERY-10-(0-2)

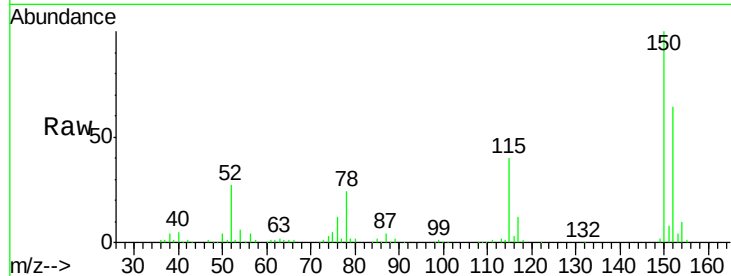
Tot Ion:152 Resp: 126719

Ion Ratio Lower Upper

152 100

150 157.1 126.2 189.2

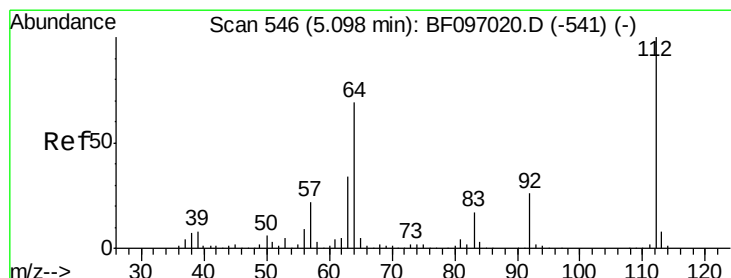
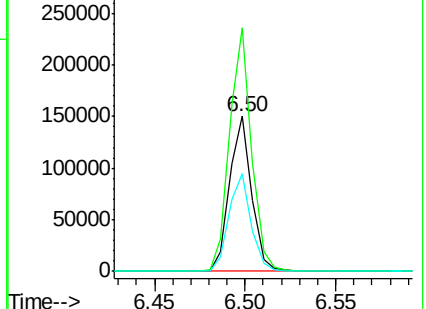
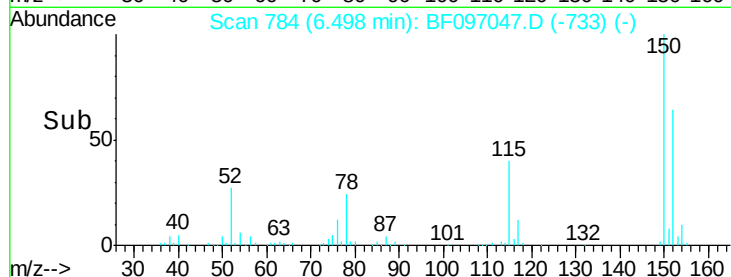
115 63.3 52.2 78.2



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: 89.61 ng

RT: 5.10 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF097047.D

Acq: 25 Jul 2017 23:39

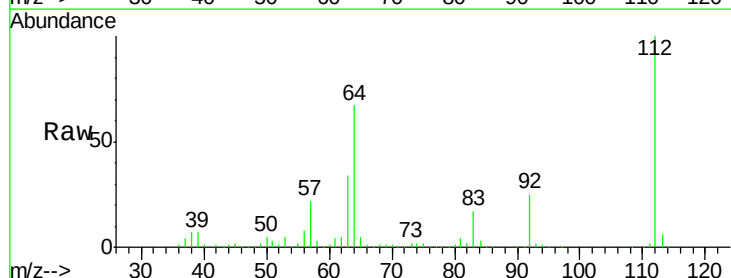
Tgt Ion:112 Resp: 753263

Ion Ratio Lower Upper

112 100

64 66.9 46.0 69.0

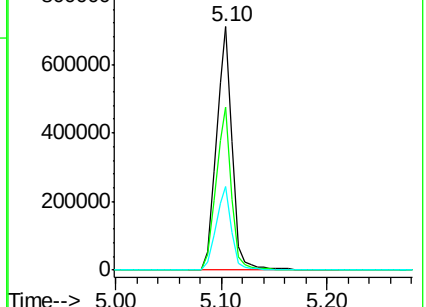
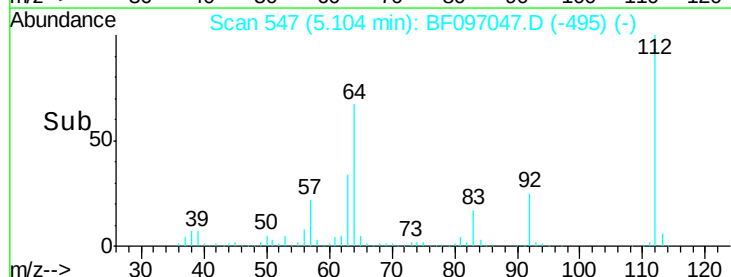
63 34.1 23.4 35.0

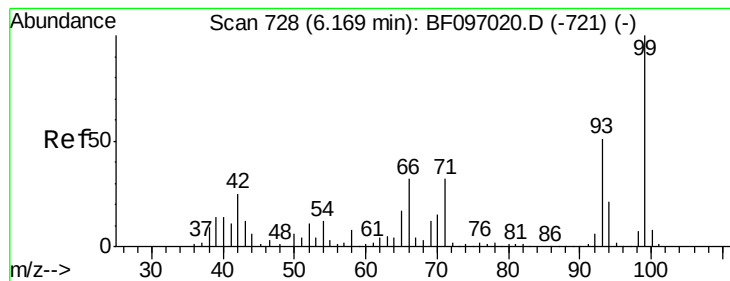


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.65 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF097047.D

Acq: 25 Jul 2017 23:39

Instrument :

BNA_F

ClientSampleId :

CEMETERY-10-(0-2)

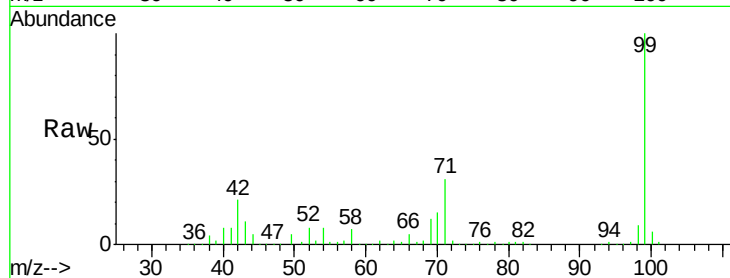
Tot Ion: 99 Resp: 917866

Ion Ratio Lower Upper

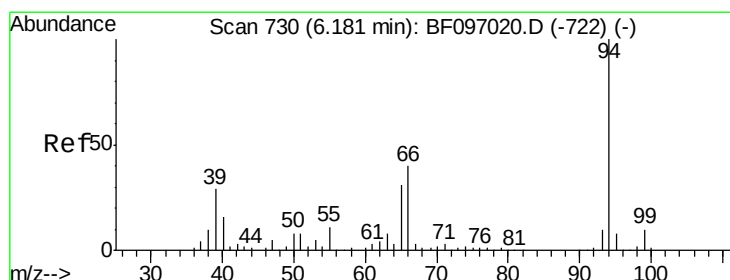
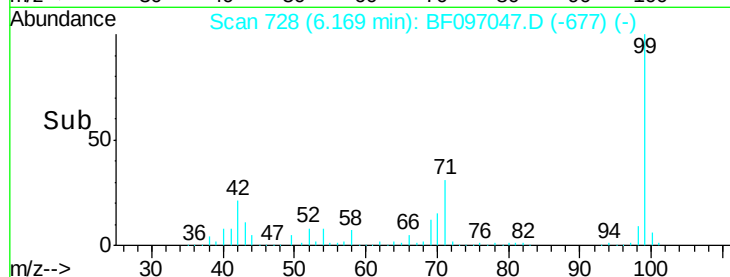
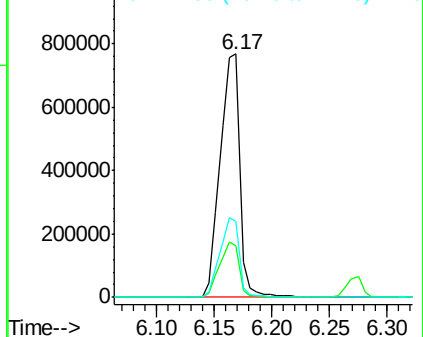
99 100

42 20.9 13.5 20.3#

71 31.0 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: 2.48 ng

RT: 6.17 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097047.D

Acq: 25 Jul 2017 23:39

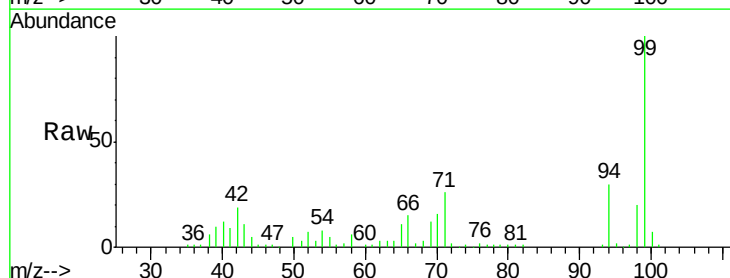
Tgt Ion: 94 Resp: 28232

Ion Ratio Lower Upper

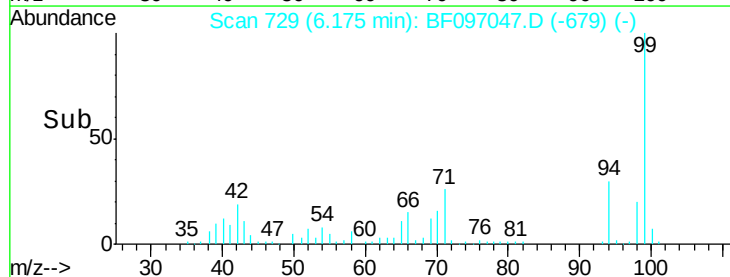
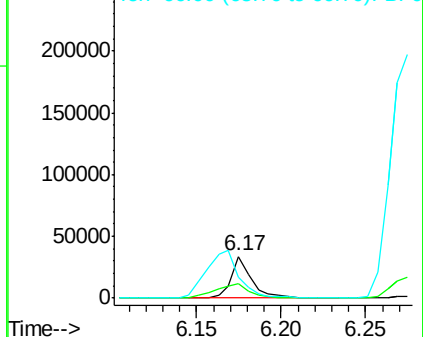
94 100

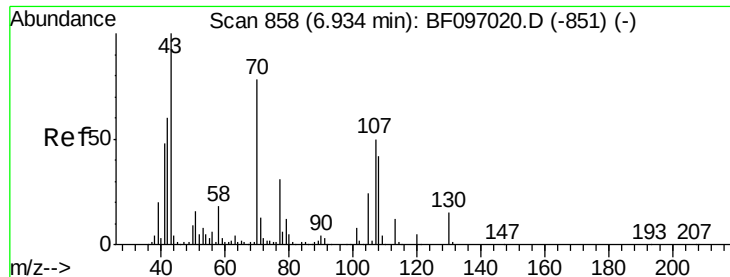
65 35.1 9.9 49.9

66 50.5 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

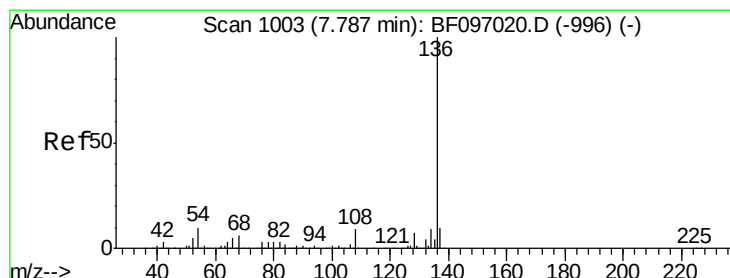
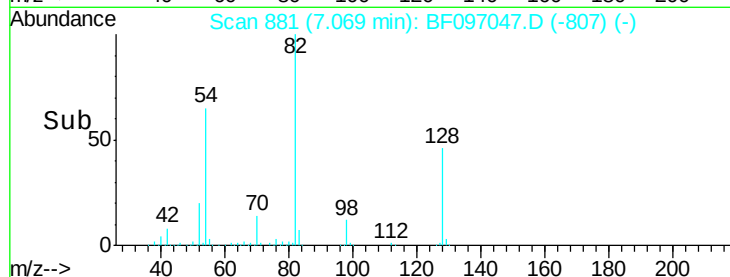
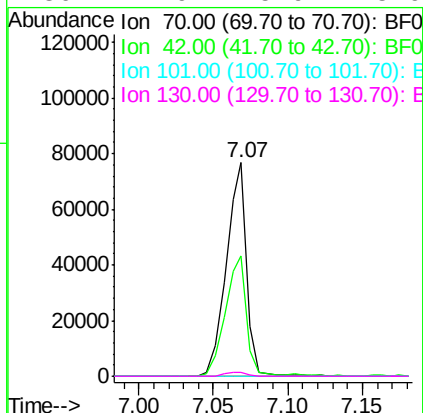
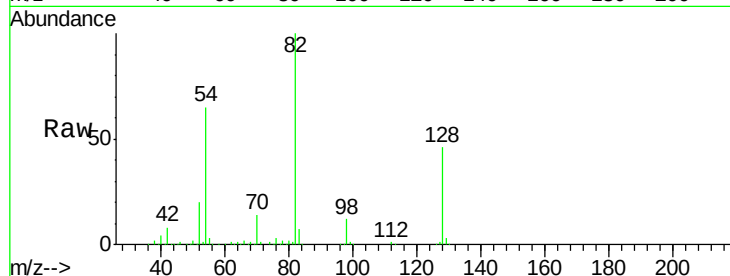




#19
n-Nitroso-di-n-propylamine
Concen: 11.66 ng
RT: 7.07 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF097047.D
Acq: 25 Jul 2017 23:39

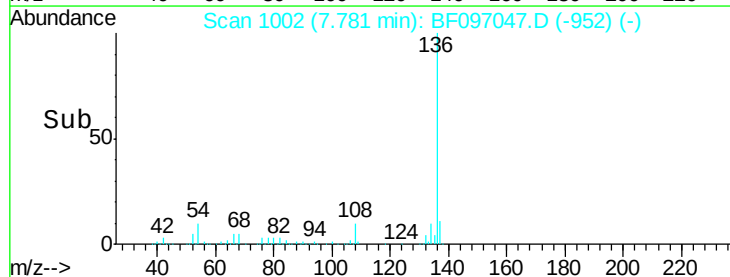
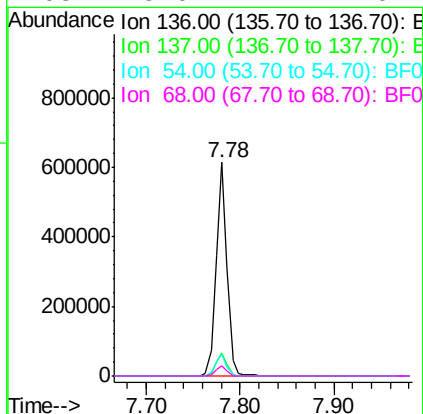
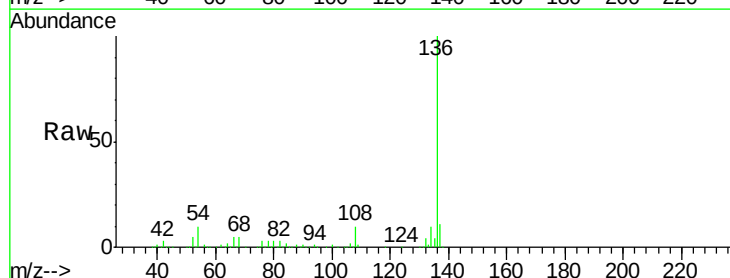
Instrument :
BNA_F
ClientSampleId :
CEMETERY-10-(0-2)

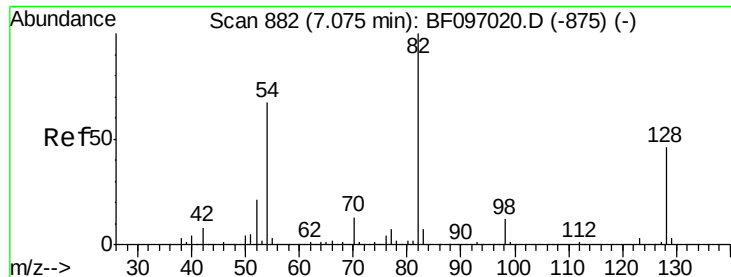
Tot Ion: 70 Resp: 73637
Ion Ratio Lower Upper
70 100
42 56.6 47.2 70.8
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097047.D
Acq: 25 Jul 2017 23:39

Tgt Ion:136 Resp: 504597
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.4 4.9 7.3#
68 5.0 4.1 6.1

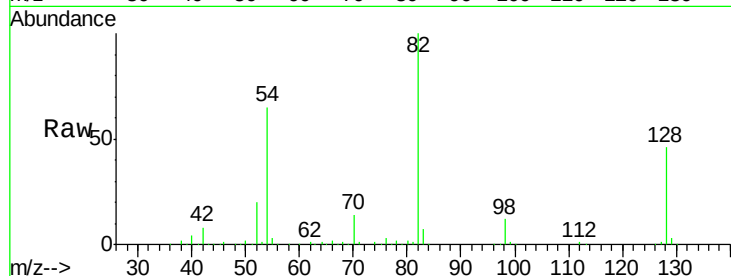




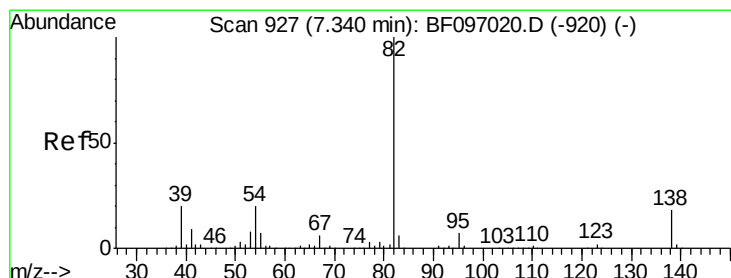
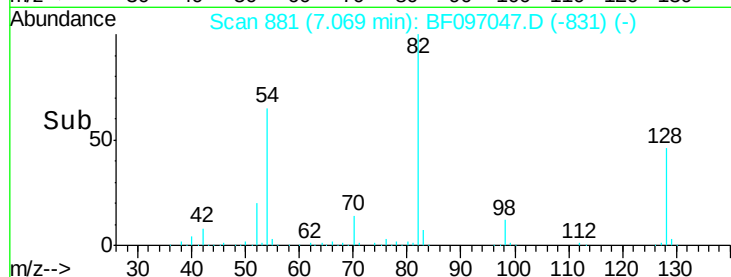
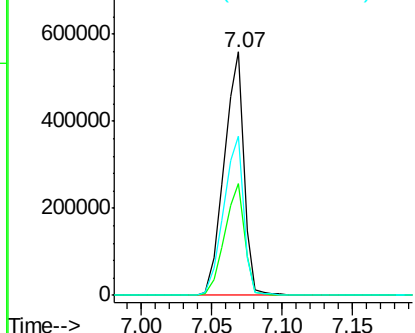
#23
 Nitrobenzene-d5
 Concen: 63.47 ng
 RT: 7.07 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF097047.D
 Acq: 25 Jul 2017 23:39

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-10-(0-2)

Tot Ion: 82 Resp: 545930
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.0 51.0
 54 65.4 42.2 63.2#

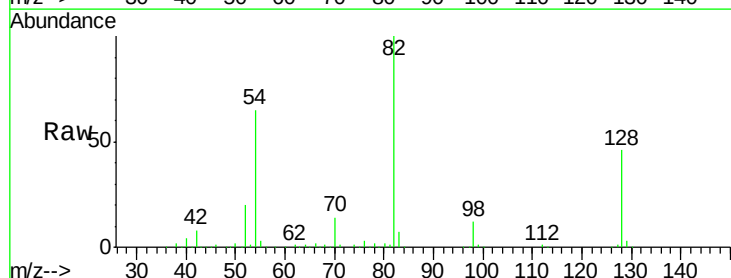


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

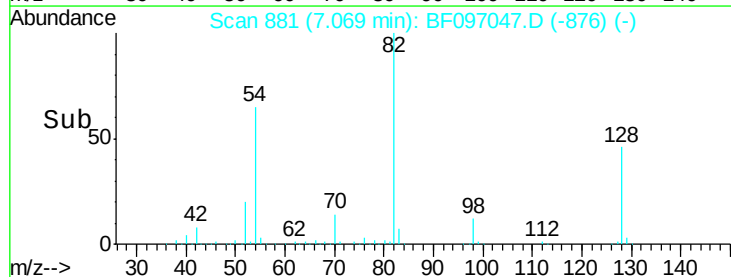
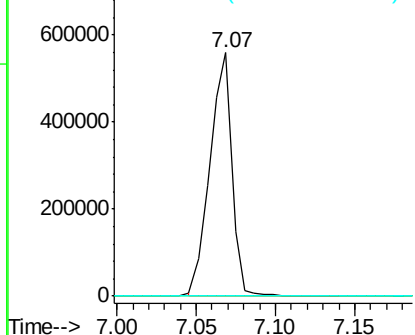


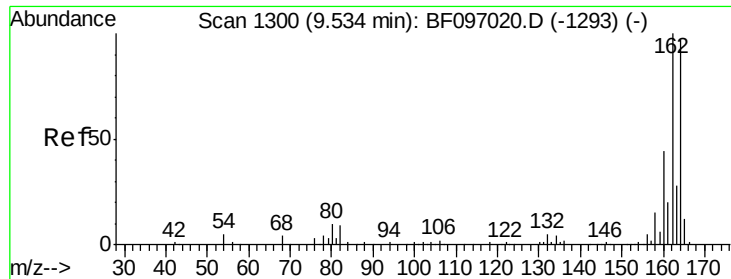
#25
 Isophorone
 Concen: 32.07 ng
 RT: 7.07 min Scan# 881
 Delta R.T. -0.27 min
 Lab File: BF097047.D
 Acq: 25 Jul 2017 23:39

Tgt Ion: 82 Resp: 540266
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097047.D

Acq: 25 Jul 2017 23:39

Instrument :

BNA_F

ClientSampleId :

CEMETERY-10-(0-2)

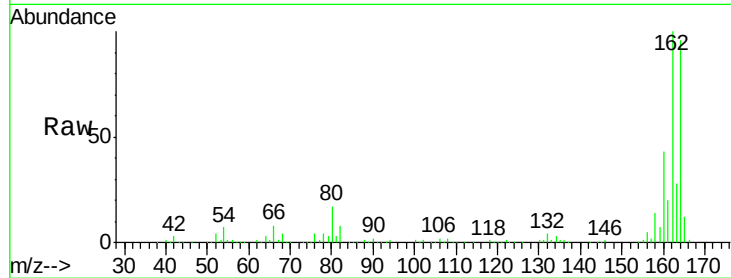
Tot Ion:164 Resp: 206411

Ion Ratio Lower Upper

164 100

162 103.9 82.6 123.8

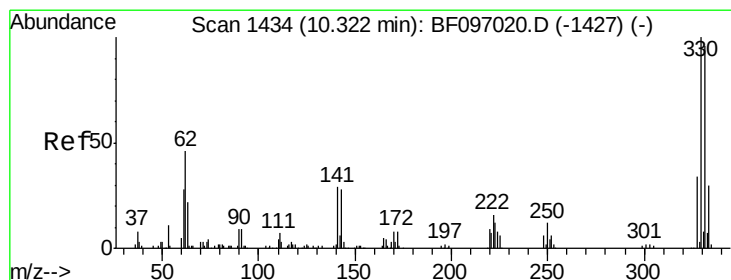
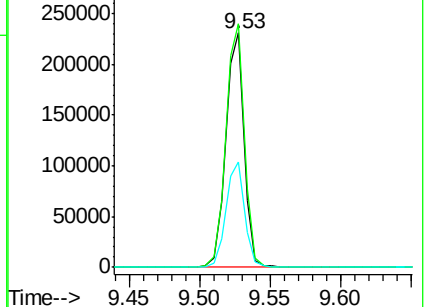
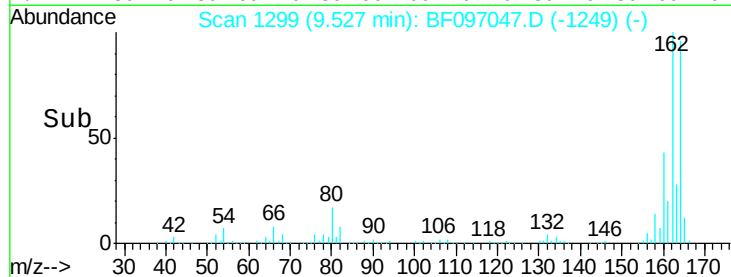
160 45.1 36.2 54.2



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: 91.40 ng

RT: 10.31 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF097047.D

Acq: 25 Jul 2017 23:39

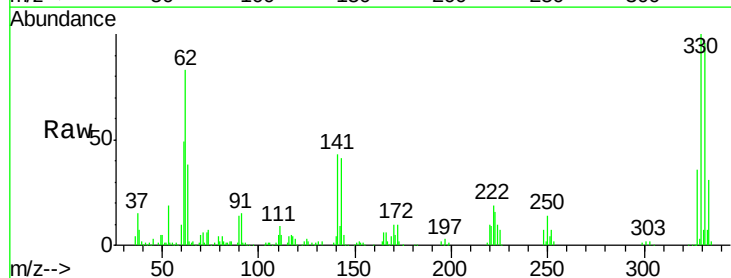
Tgt Ion:330 Resp: 149066

Ion Ratio Lower Upper

330 100

332 97.9 76.6 115.0

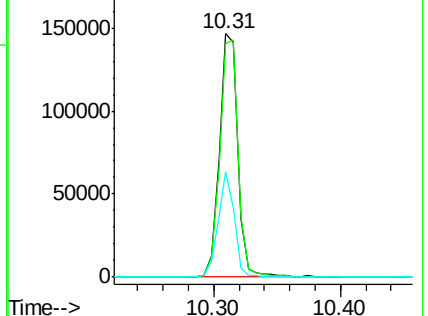
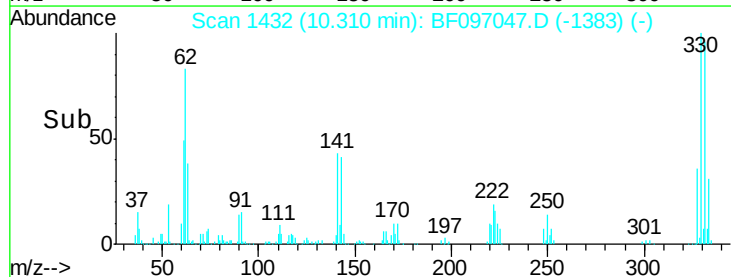
141 39.1 31.4 47.2

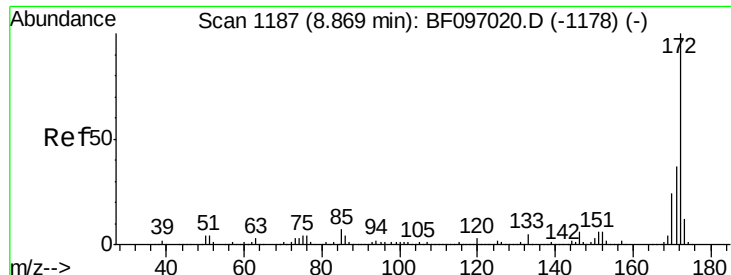


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

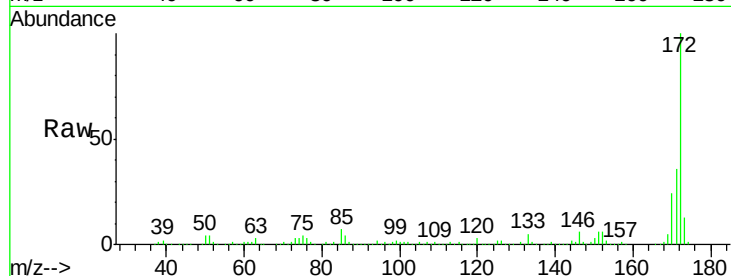




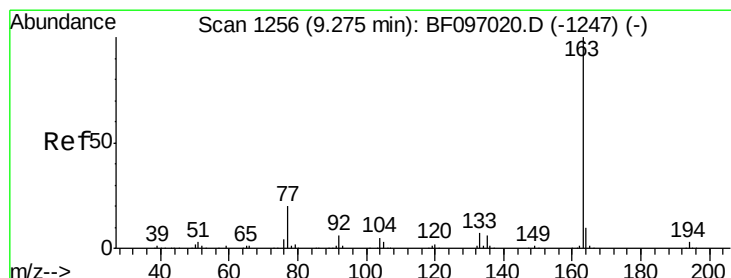
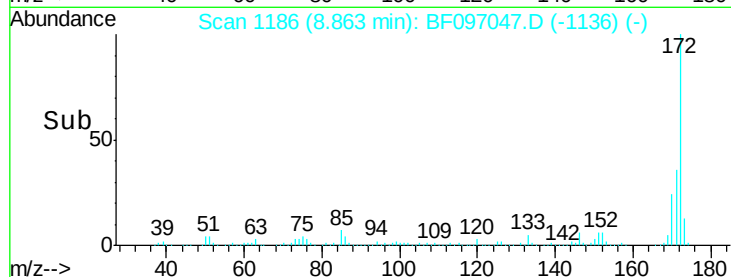
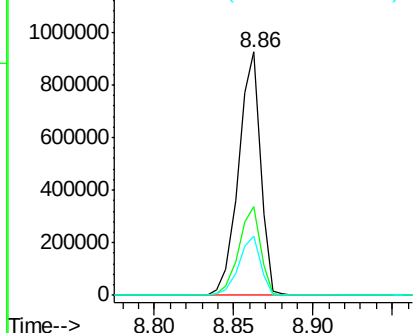
#44
2-Fluorobiphenyl
Concen: 73.35 ng
RT: 8.86 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF097047.D
Acq: 25 Jul 2017 23:39

Instrument :
BNA_F
ClientSampleId :
CEMETERY-10-(0-2)

Tot Ion:172 Resp: 892144
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.5 19.8 29.8

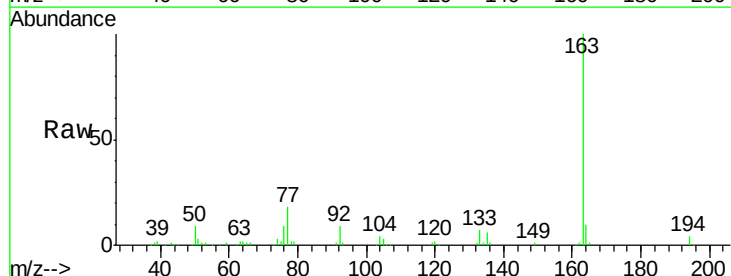


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

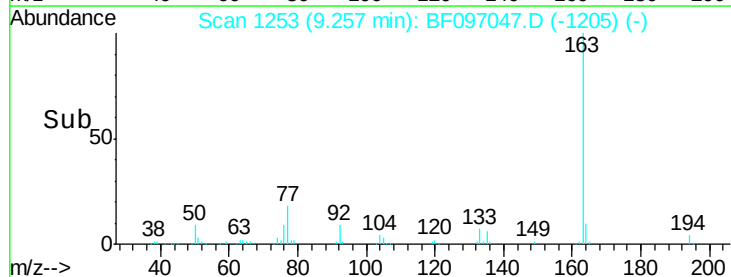
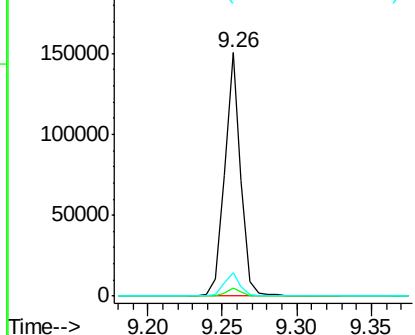


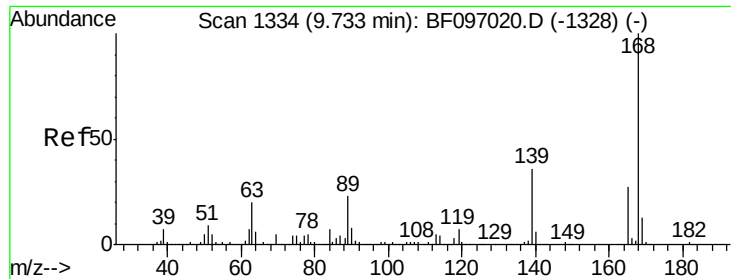
#49
Dimethylphthalate
Concen: 7.28 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097047.D
Acq: 25 Jul 2017 23:39

Tgt Ion:163 Resp: 114144
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.5 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

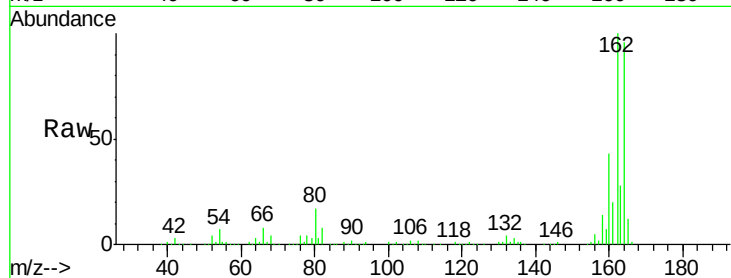




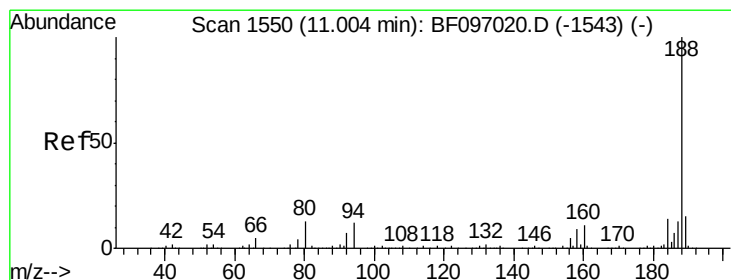
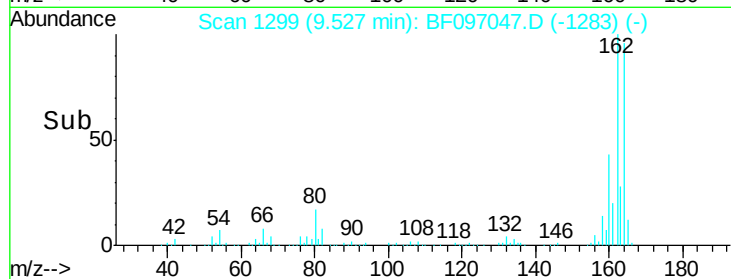
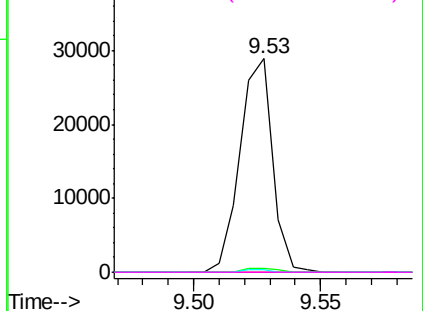
#56
 2,4-Dinitrotoluene
 Concen: 6.77 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF097047.D
 Acq: 25 Jul 2017 23:39

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-10-(0-2)

Tot Ion:	165	Resp:	25868
Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

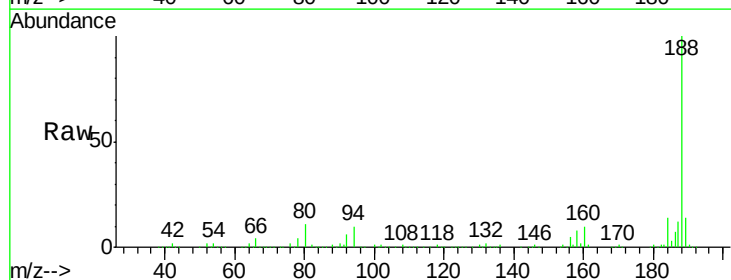


Abundance Ion 165.00 (164.70 to 165.70): E

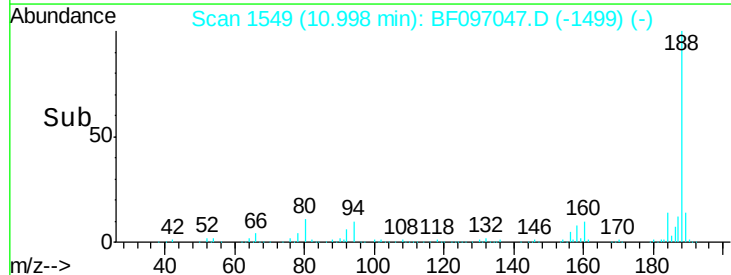
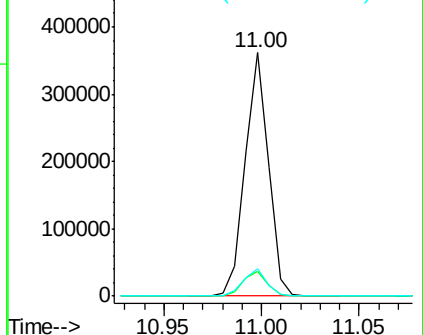


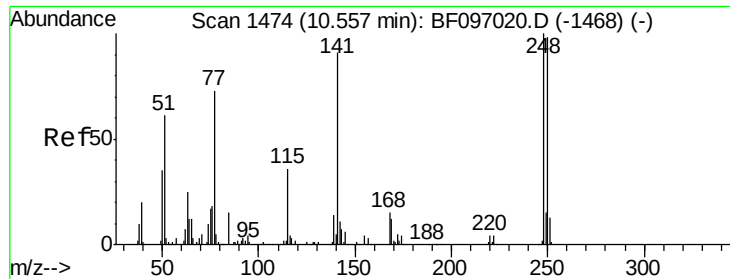
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097047.D
 Acq: 25 Jul 2017 23:39

Tgt Ion:	188	Resp:	299835
Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.0	10.2	15.2



Abundance Ion 188.00 (187.70 to 188.70): E

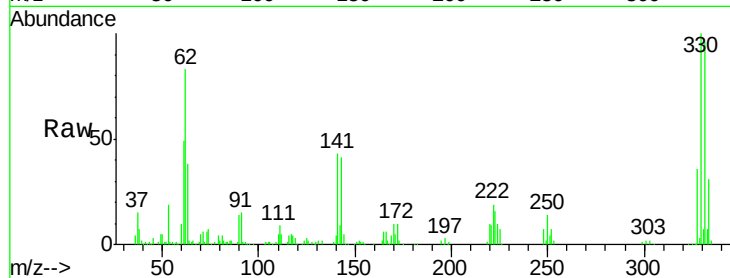




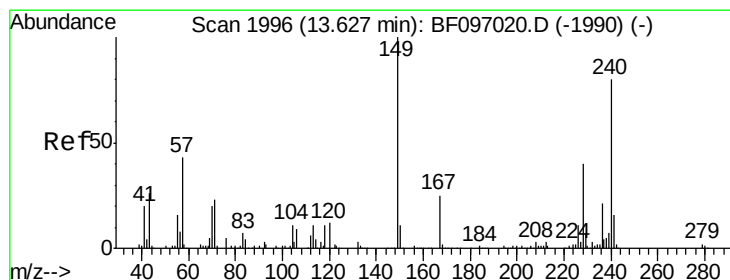
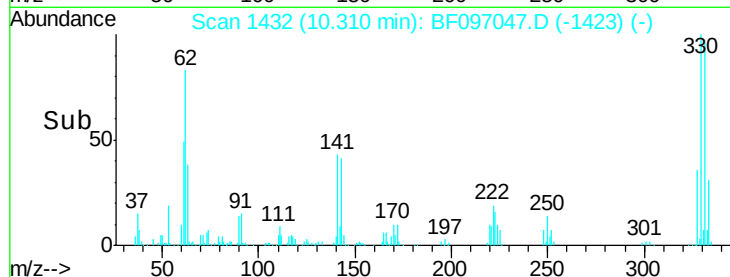
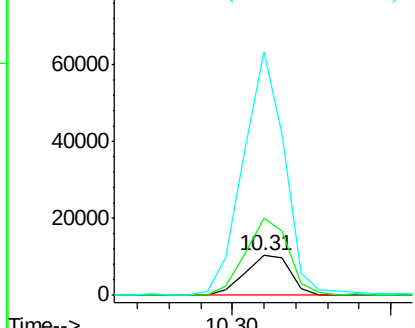
#66
4-Bromophenyl-phenylether
Concen: 3.43 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF097047.D
Acq: 25 Jul 2017 23:39

Instrument :
BNA_F
ClientSampleId :
CEMETERY-10-(0-2)

Tot Ion:248 Resp: 10252
Ion Ratio Lower Upper
248 100
250 195.5 76.8 115.2#
141 615.7 68.6 103.0#

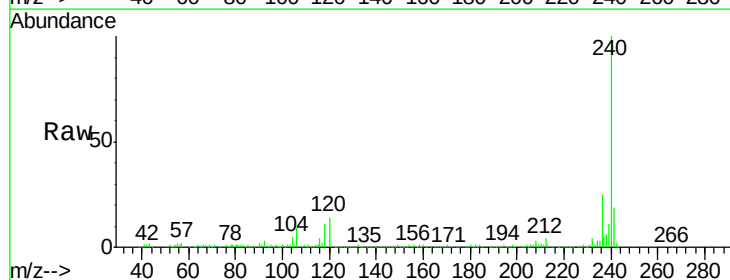


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

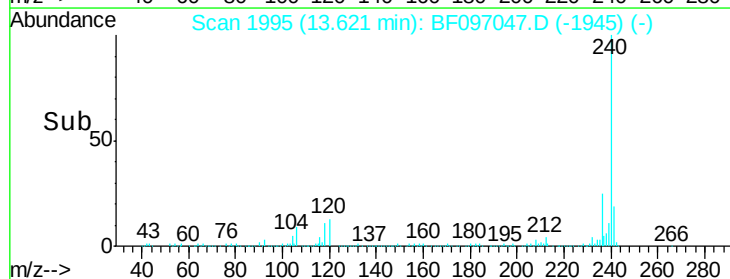
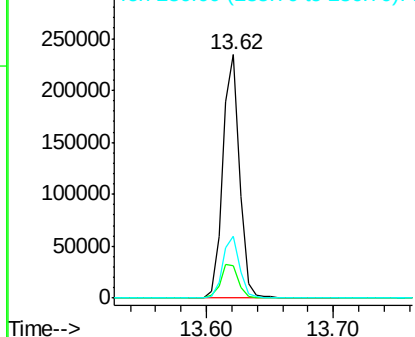


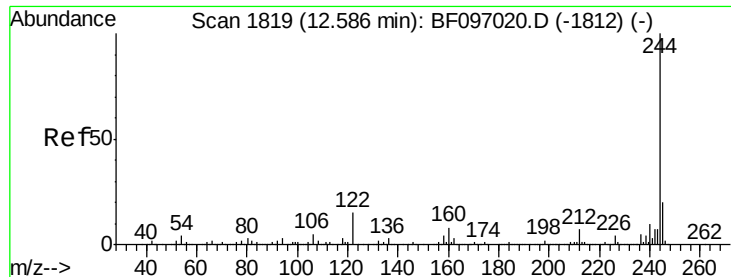
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097047.D
Acq: 25 Jul 2017 23:39

Tgt Ion:240 Resp: 215933
Ion Ratio Lower Upper
240 100
120 13.5 5.8 8.8#
236 25.3 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

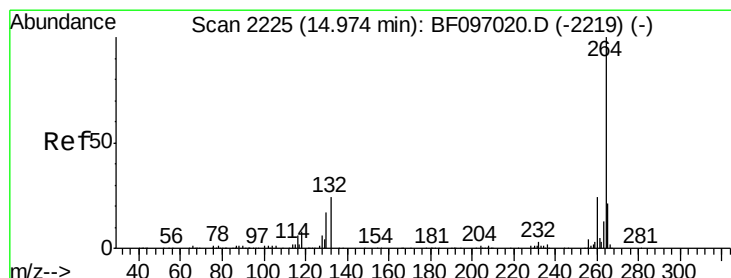
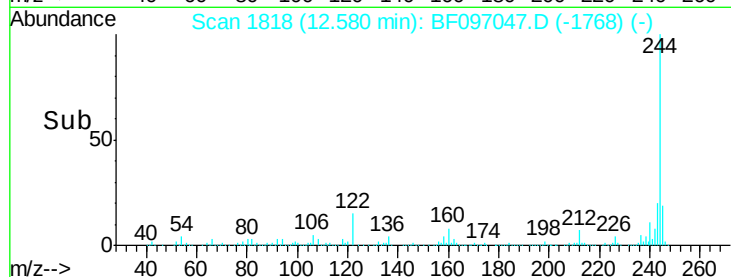
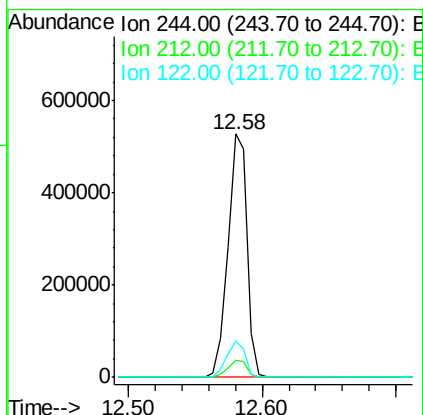
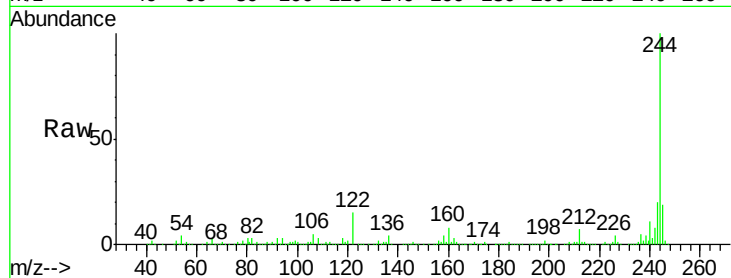




#78
 Terphenyl-d14
 Concen: 50.24 ng
 RT: 12.58 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF097047.D
 Acq: 25 Jul 2017 23:39

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-10-(0-2)

Tot Ion:244 Resp: 532036
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 15.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF097047.D
 Acq: 25 Jul 2017 23:39

Tgt Ion:264 Resp: 193250
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 20.5 17.2 25.8

