

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097048.D
 Acq On : 26 Jul 2017 00:07
 Operator : SJ/JU
 Sample : I4359-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jul 26 01:08:11 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

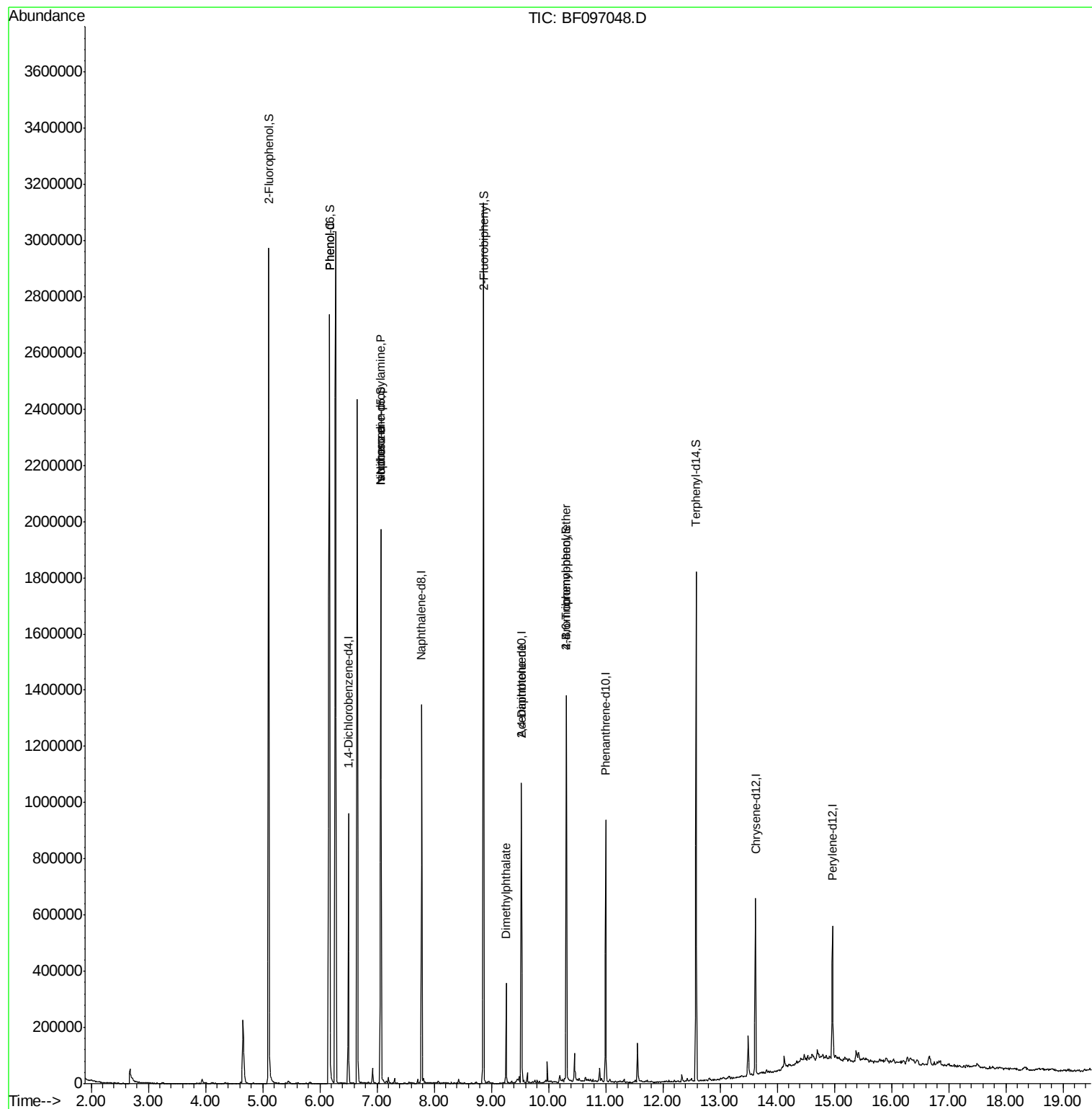
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	135013	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	551222	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	208350	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	296999	20.00	ng	0.00
75) Chrysene-d12	13.62	240	206044	20.00	ng	0.00
86) Perylene-d12	14.97	264	183488	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	916007	102.28	ng	0.00
7) Phenol-d6	6.17	99	1060265	103.70	ng	0.00
23) Nitrobenzene-d5	7.07	82	639327	68.04	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	166293	101.02	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	986461	80.35	ng	0.00
78) Terphenyl-d14	12.59	244	577079	57.10	ng	0.00
Target Compounds						
10) Phenol	6.17	94	36151	2.98	ng	Qvalue 80
19) n-Nitroso-di-n-propylamine	7.07	70	85455	12.70	ng	# 89
25) Isophorone	7.07	82	632380	34.37	ng	# 67
49) Dimethylphthalate	9.26	163	126964	8.02	ng	98
56) 2,4-Dinitrotoluene	9.53	165	26490	6.87	ng	# 32
66) 4-Bromophenyl-phenylether	10.32	248	10149	3.42	ng	# 1

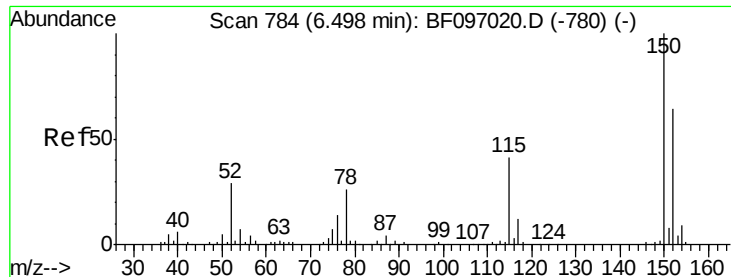
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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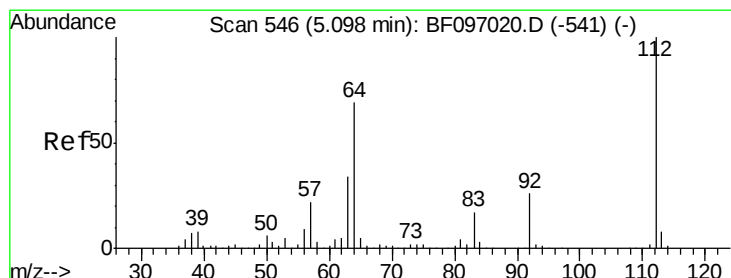
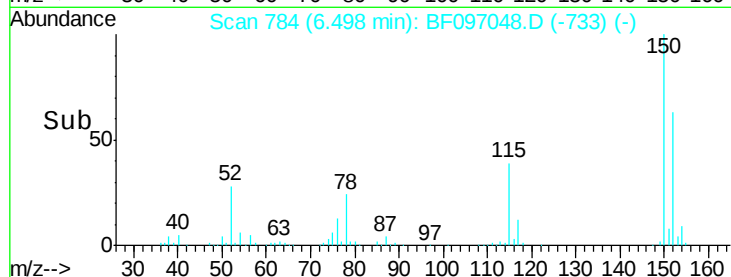
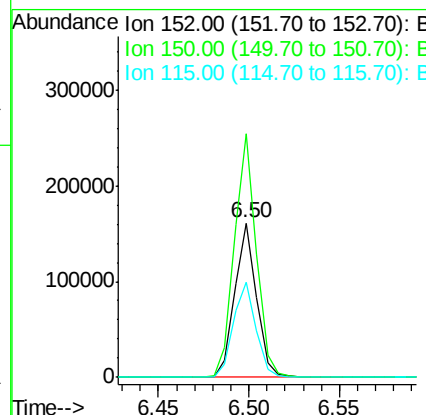
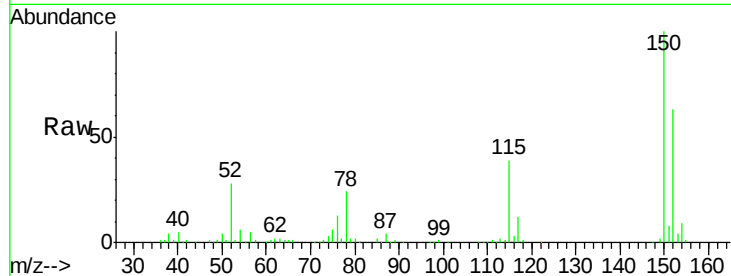


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

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

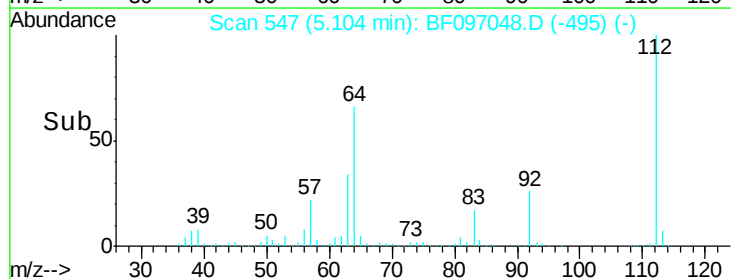
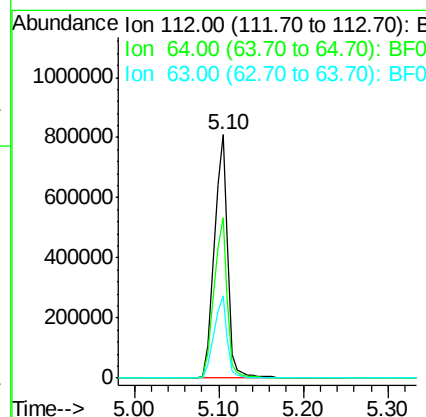
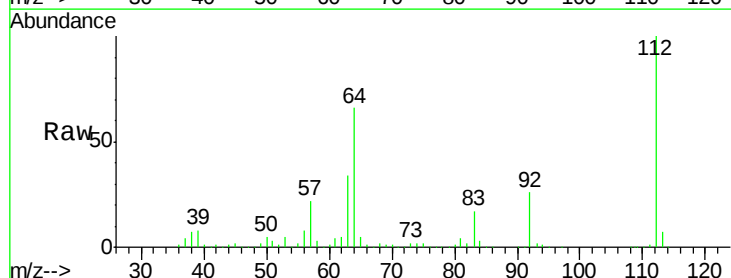
Tot Ion:152 Resp: 135013
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 61.6 52.2 78.2

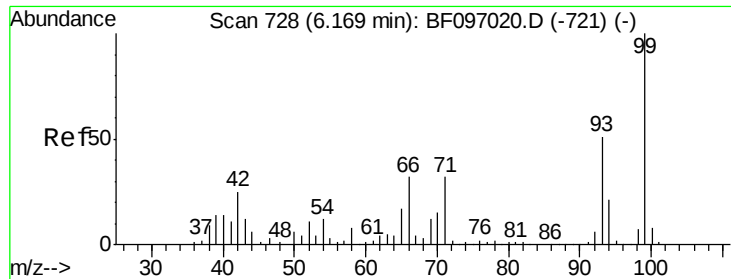


#5

2-Fluorophenol
Concen: 102.28 ng
RT: 5.10 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

Tgt Ion:112 Resp: 916007
Ion Ratio Lower Upper
112 100
64 66.1 46.0 69.0
63 34.0 23.4 35.0





#7

Phenol-d6

Concen: 103.70 ng

RT: 6.17 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF097048.D

Acq: 26 Jul 2017 00:07

Instrument :

BNA_F

ClientSampleId :

CEMETERY-7-(0-2)

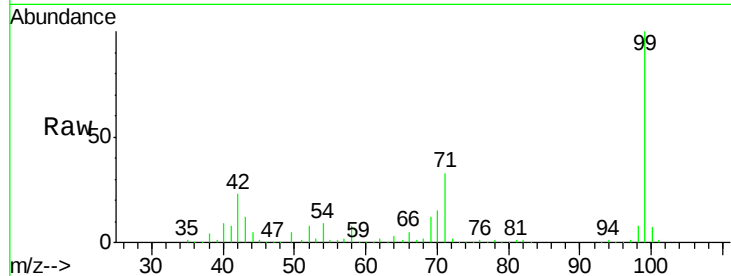
Tot Ion: 99 Resp: 1060265

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

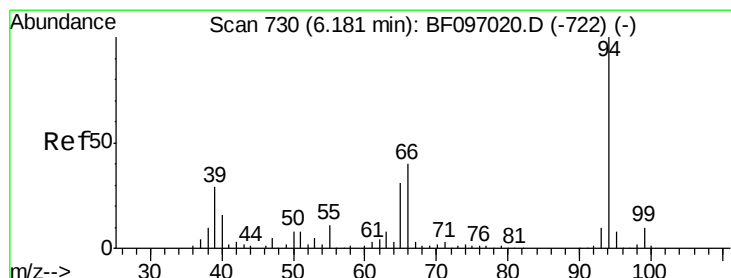
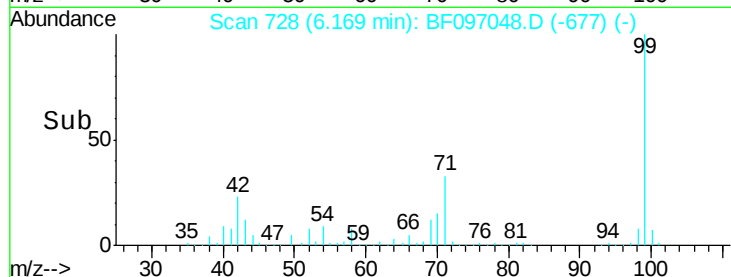
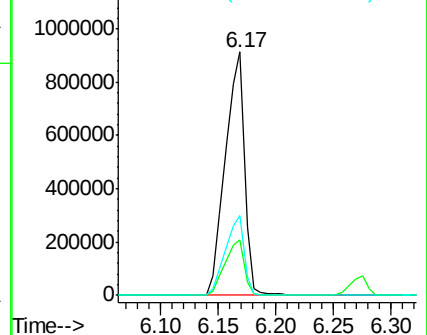
71 32.8 24.5 36.7



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: 2.98 ng

RT: 6.17 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097048.D

Acq: 26 Jul 2017 00:07

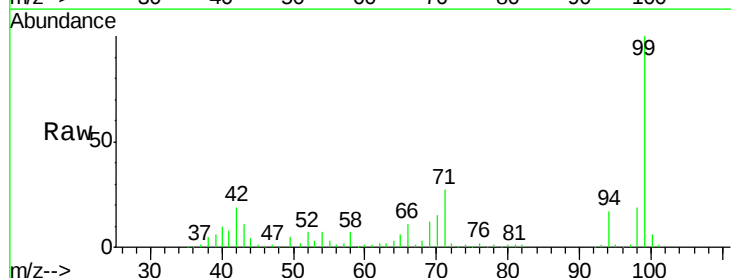
Tgt Ion: 94 Resp: 36151

Ion Ratio Lower Upper

94 100

65 35.3 9.9 49.9

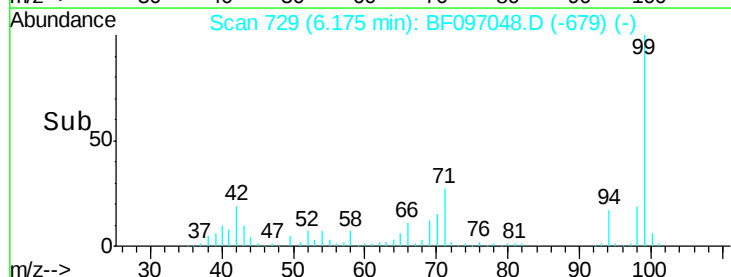
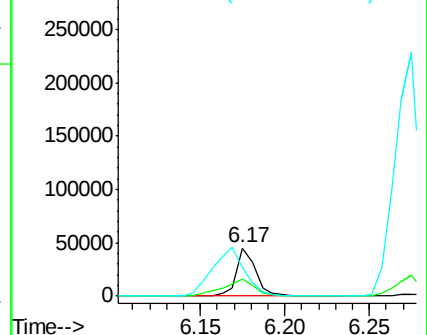
66 60.3 23.1 63.1

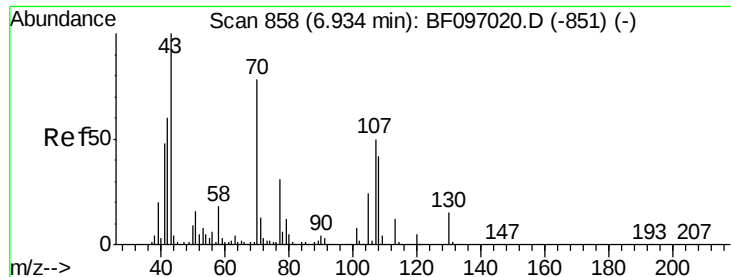


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

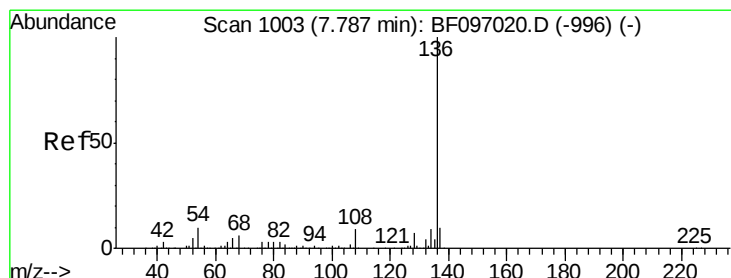
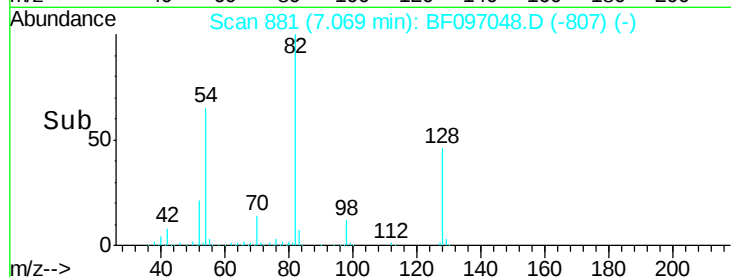
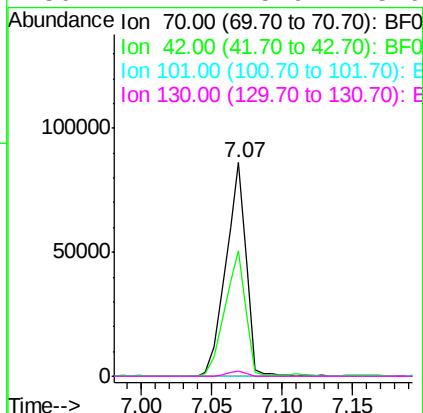
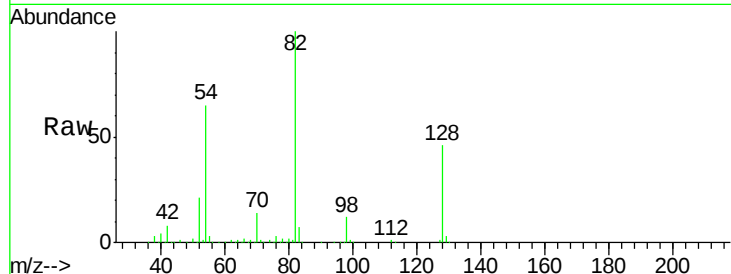




#19
n-Nitroso-di-n-propylamine
Concen: 12.70 ng
RT: 7.07 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

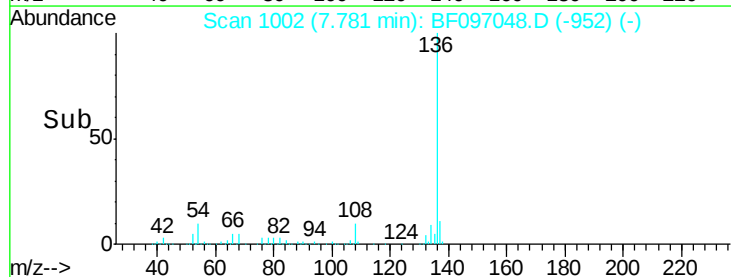
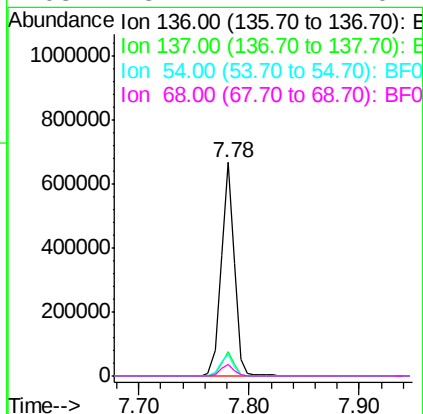
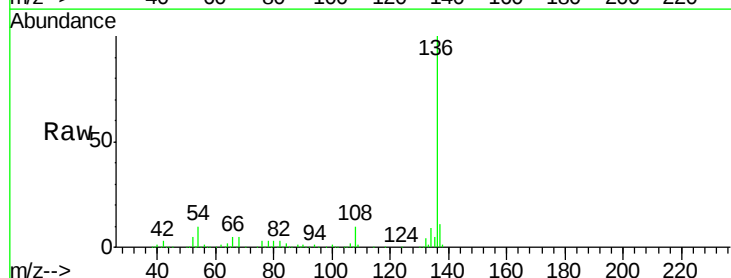
Instrument :
BNA_F
ClientSampleId :
CEMETERY-7-(0-2)

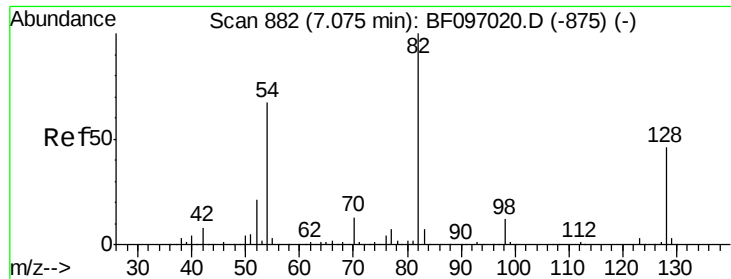
Tot Ion: 70 Resp: 85455
Ion Ratio Lower Upper
70 100
42 58.9 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

Tgt Ion:136 Resp: 551222
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.5 4.9 7.3#
68 5.4 4.1 6.1

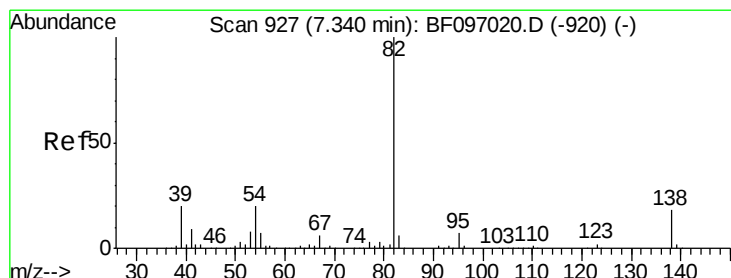
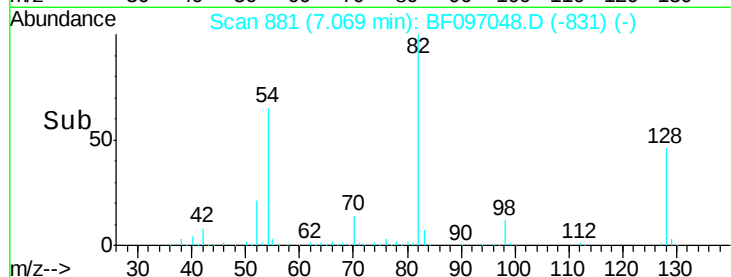
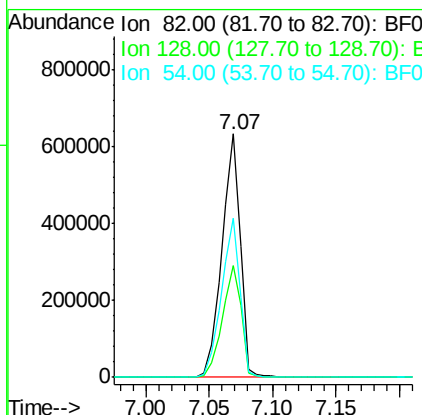
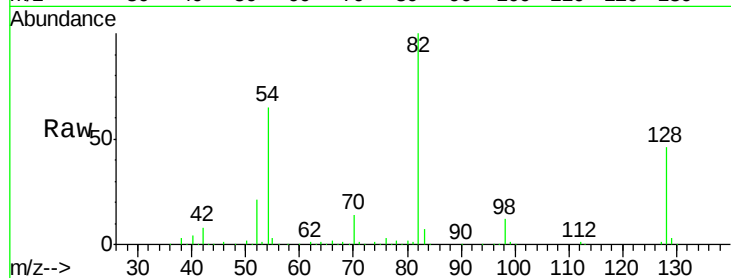




#23
Nitrobenzene-d5
Concen: 68.04 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

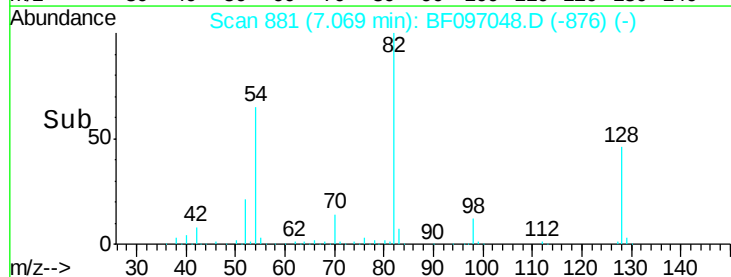
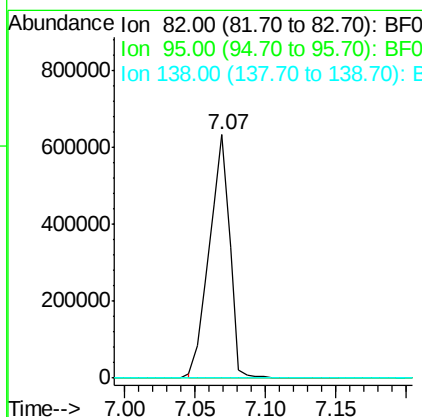
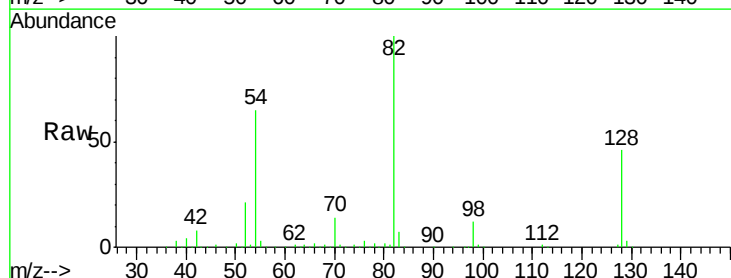
Instrument :
BNA_F
ClientSampleId :
CEMETERY-7-(0-2)

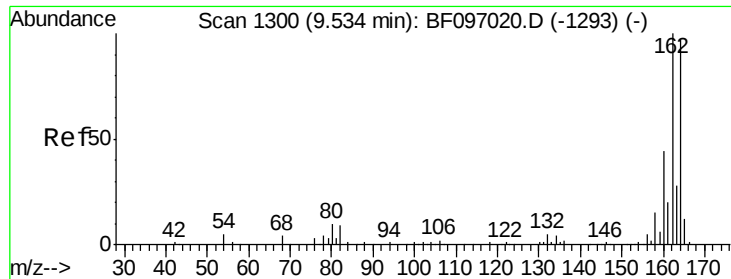
Tot Ion: 82 Resp: 639327
Ion Ratio Lower Upper
82 100
128 45.9 34.0 51.0
54 65.4 42.2 63.2#



#25
Isophorone
Concen: 34.37 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

Tgt Ion: 82 Resp: 632380
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097048.D

Acq: 26 Jul 2017 00:07

Instrument :

BNA_F

ClientSampleId :

CEMETERY-7-(0-2)

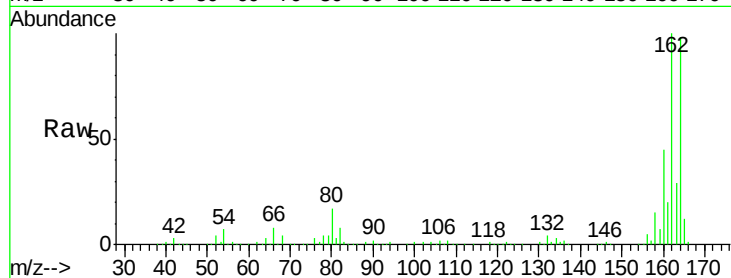
Tot Ion:164 Resp: 208350

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

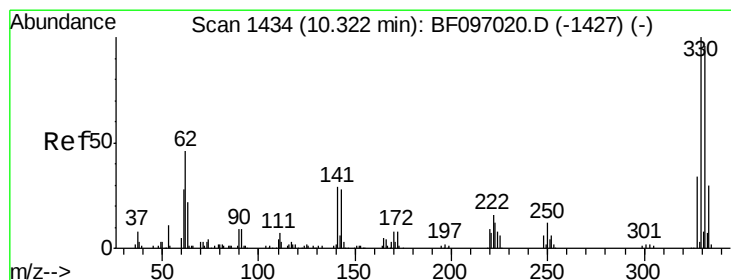
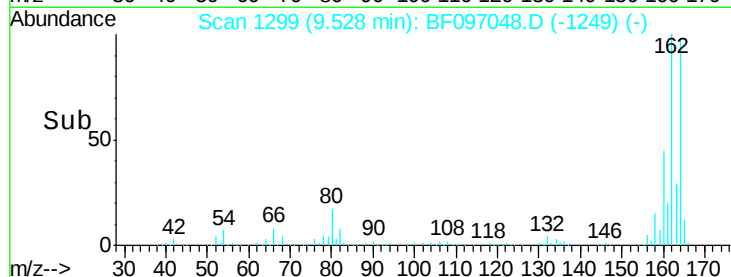
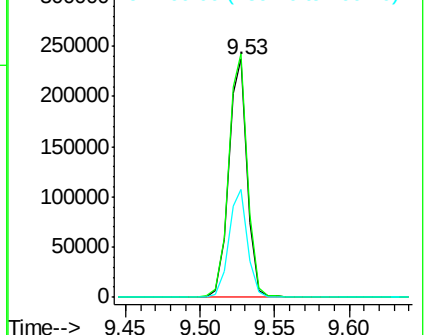
160 45.6 36.2 54.2



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: 101.02 ng

RT: 10.32 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF097048.D

Acq: 26 Jul 2017 00:07

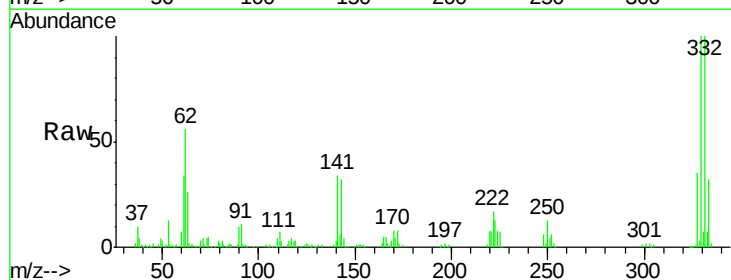
Tgt Ion:330 Resp: 166293

Ion Ratio Lower Upper

330 100

332 97.4 76.6 115.0

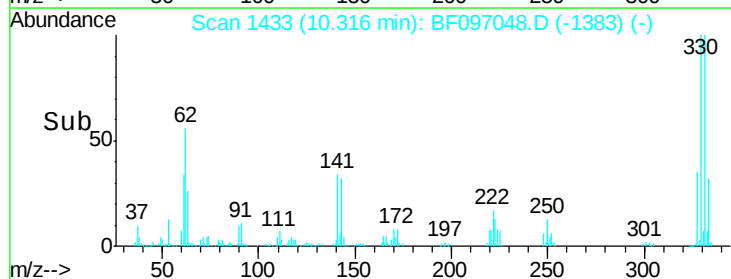
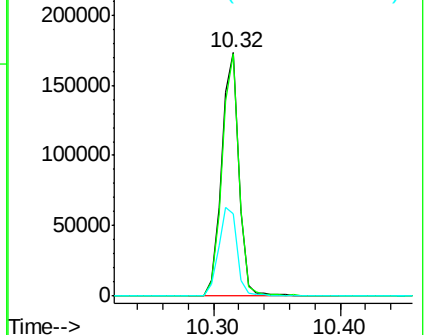
141 38.8 31.4 47.2

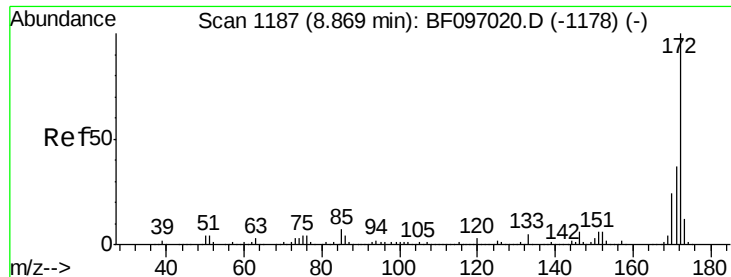


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

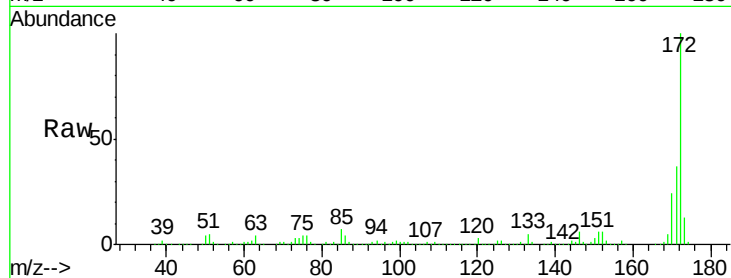




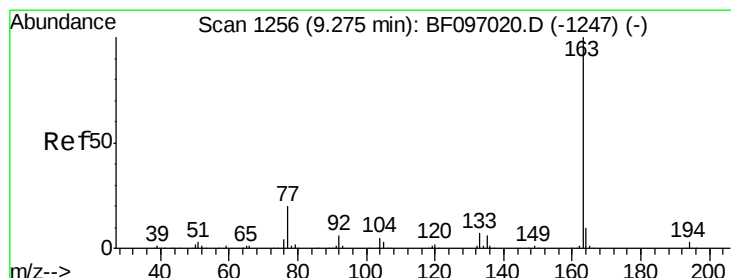
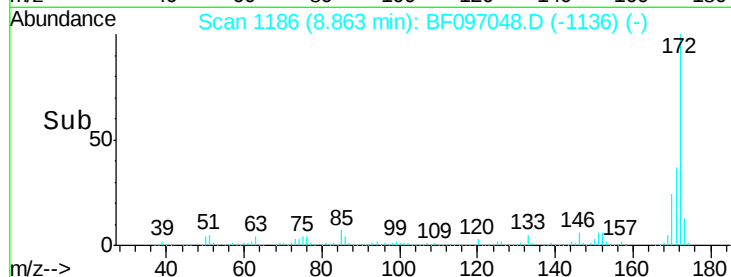
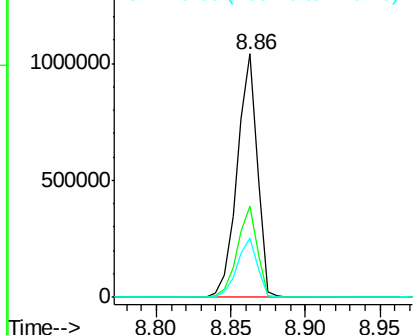
#44
2-Fluorobiphenyl
Concen: 80.35 ng
RT: 8.86 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

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

Tot Ion:172 Resp: 986461
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 24.3 19.8 29.8

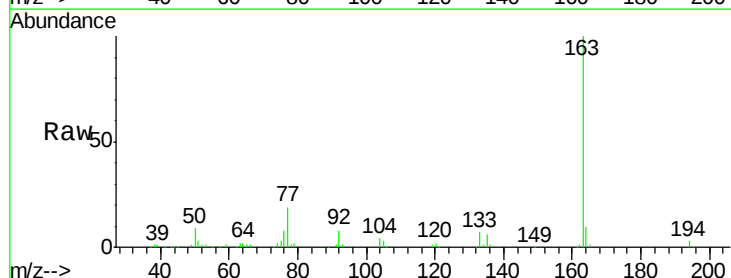


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

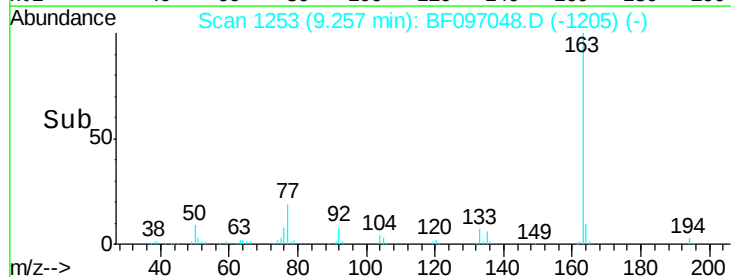
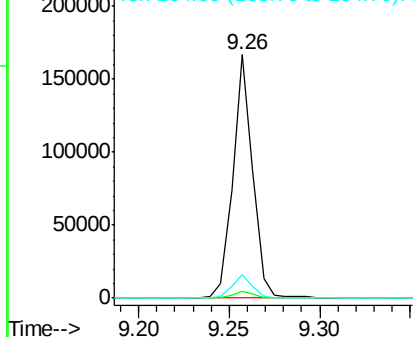


#49
Dimethylphthalate
Concen: 8.02 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097048.D
Acq: 26 Jul 2017 00:07

Tgt Ion:163 Resp: 126964
Ion Ratio Lower Upper
163 100
194 2.9 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

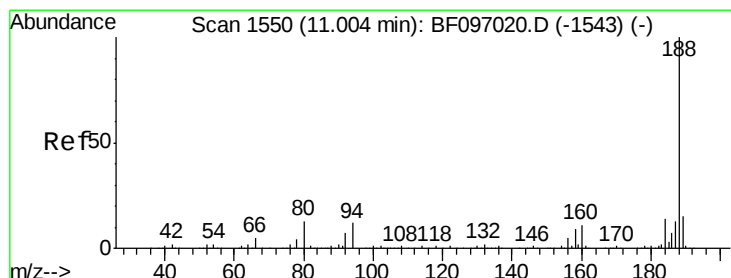
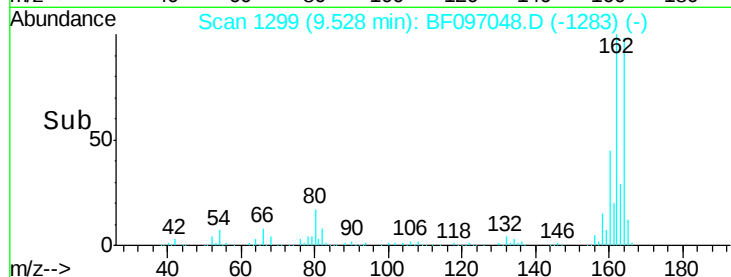
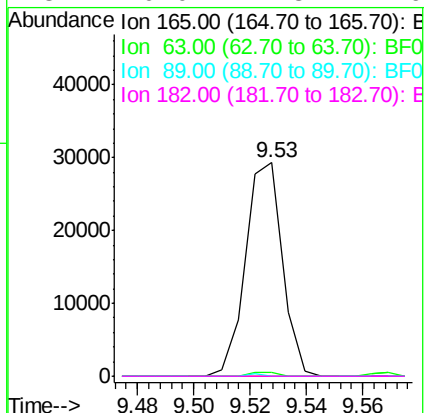
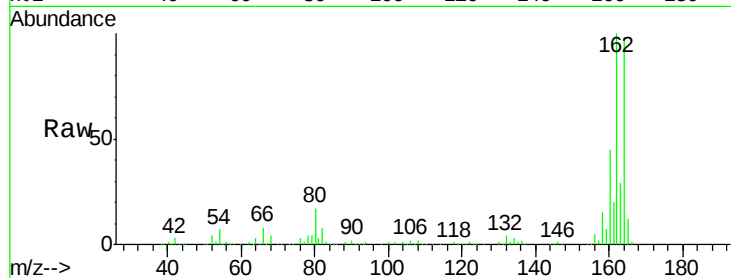




#56
 2,4-Dinitrotoluene
 Concen: 6.87 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF097048.D
 Acq: 26 Jul 2017 00:07

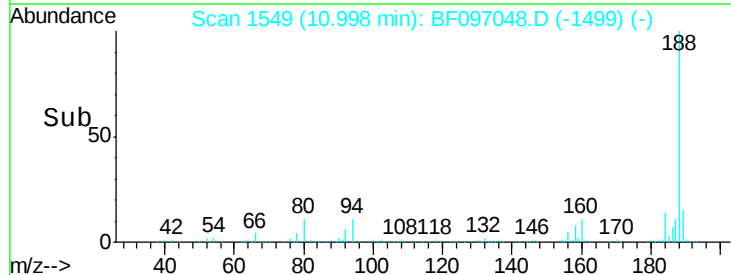
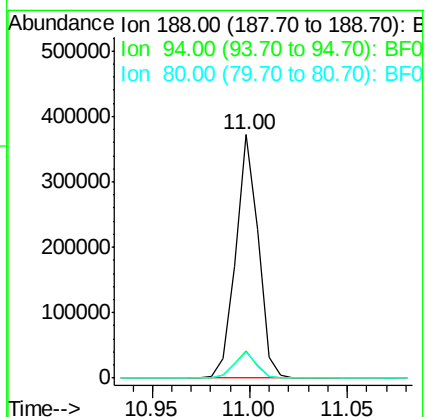
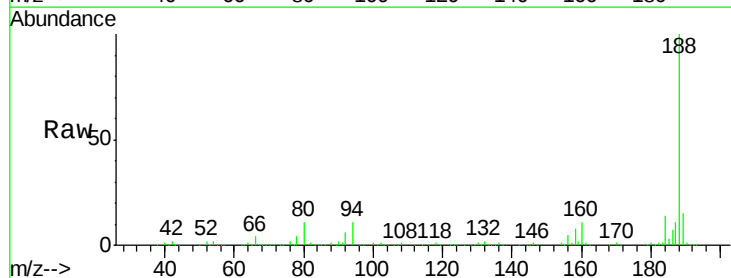
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-7-(0-2)

Tot Ion:	165	Resp:	26490
Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097048.D
 Acq: 26 Jul 2017 00:07

Tgt Ion:	188	Resp:	296999
Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	10.9	10.2	15.2





#66

4-Bromophenyl-phenylether

Concen: 3.42 ng

RT: 10.32 min Scan# 1433

Delta R.T. -0.24 min

Lab File: BF097048.D

Acq: 26 Jul 2017 00:07

Instrument :

BNA_F

ClientSampleId :

CEMETERY-7-(0-2)

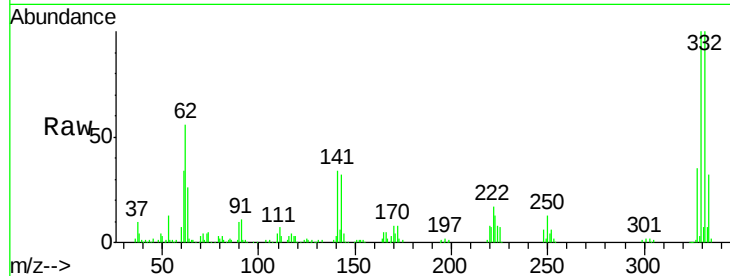
Tot Ion:248 Resp: 10149

Ion Ratio Lower Upper

248 100

250 224.9 76.8 115.2#

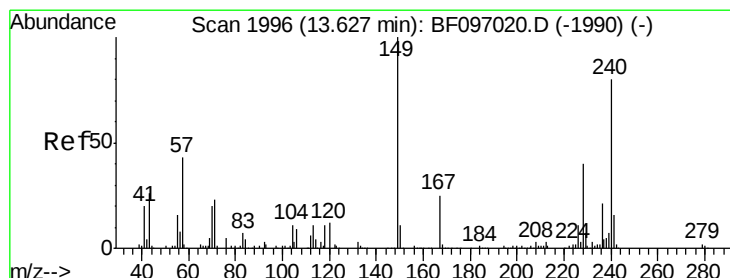
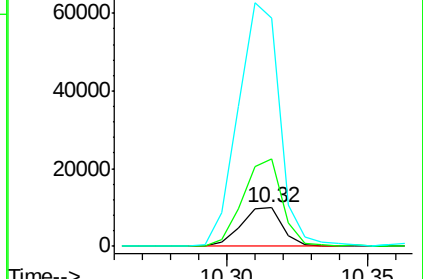
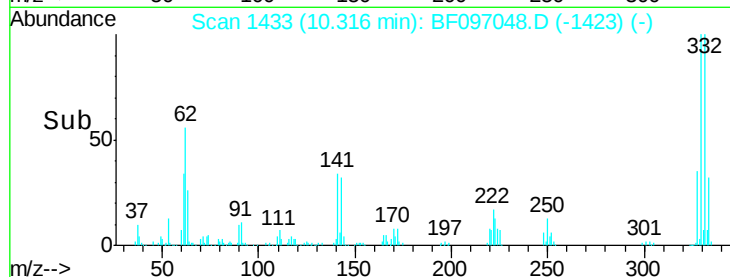
141 591.9 68.6 103.0#



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: BF097048.D

Acq: 26 Jul 2017 00:07

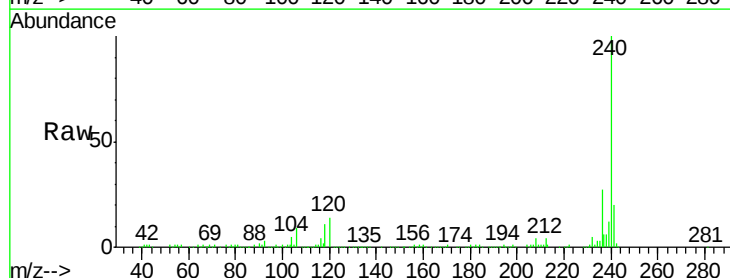
Tgt Ion:240 Resp: 206044

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

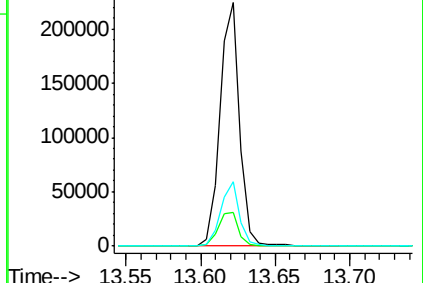
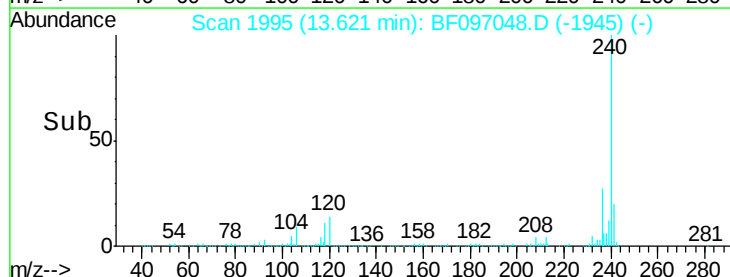
236 26.6 20.5 30.7

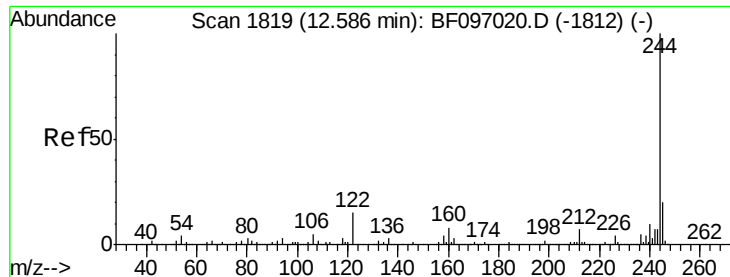


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 57.10 ng

RT: 12.59 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF097048.D

Acq: 26 Jul 2017 00:07

Instrument :

BNA_F

ClientSampleId :

CEMETERY-7-(0-2)

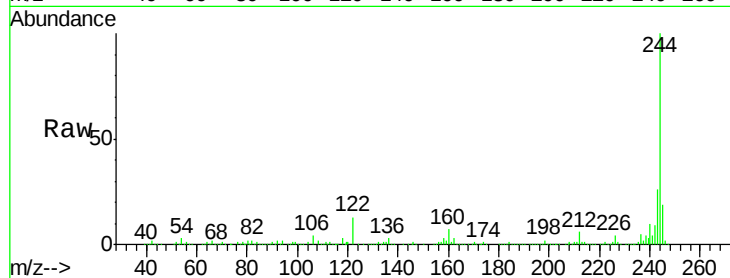
Tot Ion:244 Resp: 577079

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

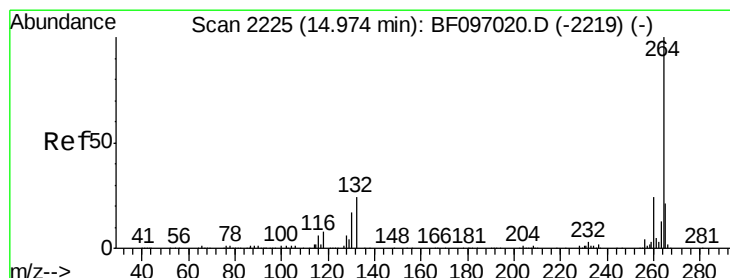
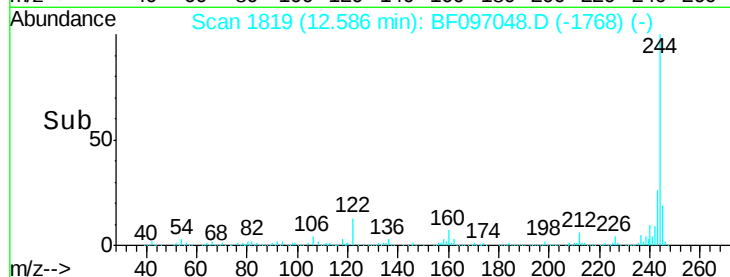
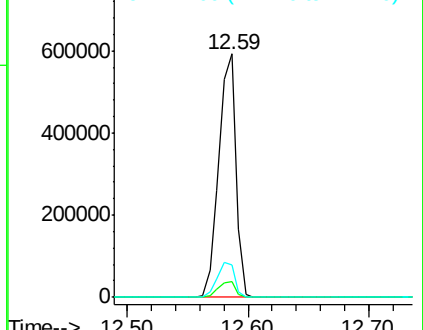
122 13.1 10.3 15.5



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: 14.97 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF097048.D

Acq: 26 Jul 2017 00:07

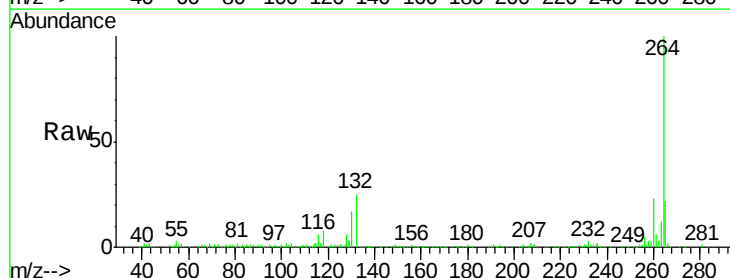
Tgt Ion:264 Resp: 183488

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 22.4 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

