

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097124.D
 Acq On : 27 Jul 2017 16:01
 Operator : SJ/JU
 Sample : I4359-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-1-(0-2)

Quant Time: Jul 27 16:27:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 16:02:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	94436	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	377492	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	144148	20.00	ng	0.00
63) Phenanthrene-d10	10.99	188	218162	20.00	ng	0.00
75) Chrysene-d12	13.62	240	206394	20.00	ng	0.00
86) Perylene-d12	14.96	264	173879	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.09	112	573655	91.57	ng	0.00
7) Phenol-d6	6.15	99	721877	100.94	ng	0.00
23) Nitrobenzene-d5	7.06	82	410787	63.84	ng	0.00
41) 2,4,6-Tribromophenol	10.30	330	114377	100.43	ng	0.00
44) 2-Fluorobiphenyl	8.85	172	736428	86.70	ng	0.00
78) Terphenyl-d14	12.57	244	481035	47.52	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.16	94	26005	3.066	ng	90
15) Benzyl Alcohol	6.65	79	9087	2.007	ng	# 30
19) n-Nitroso-di-n-propylamine	7.06	70	54596	11.598	ng	# 86
25) Isophorone	7.06	82	410783	32.597	ng	# 67
49) Dimethylphthalate	9.25	163	85659	7.825	ng	99
56) 2,4-Dinitrotoluene	9.52	165	18505	6.933	ng	# 32
66) 4-Bromophenyl-phenylether	10.30	248	7169	3.293	ng	# 1

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

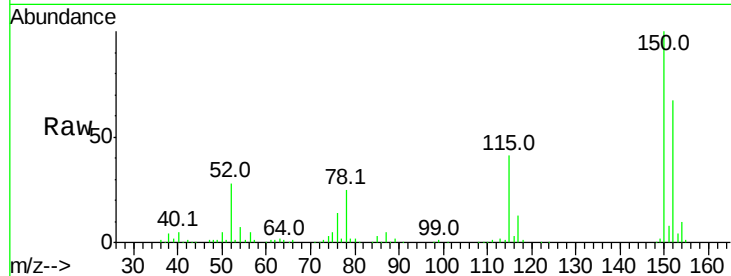


#1

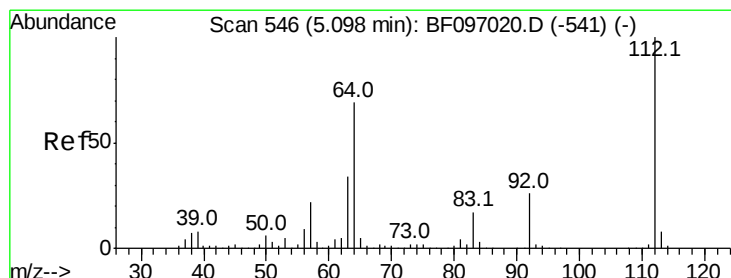
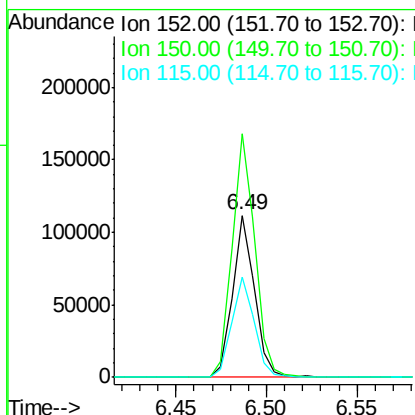
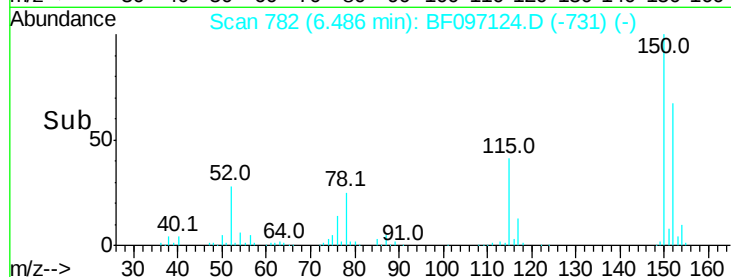
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF097124.D
Acq: 27 Jul 2017 16:01

Instrument :
BNA_F
ClientSampleId :
CEMETERY-1-(0-2)

Tot Ion:152 Resp: 94436
Ion Ratio Lower Upper
152 100
150 150.2 126.2 189.2
115 61.9 52.2 78.2



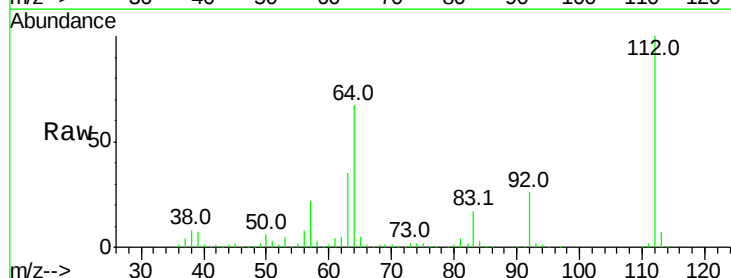
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



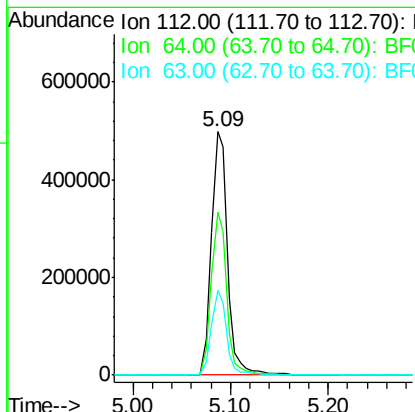
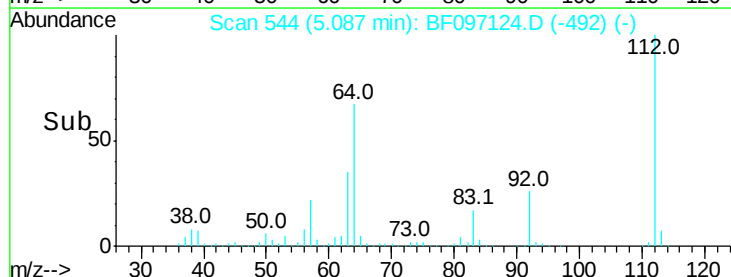
#5

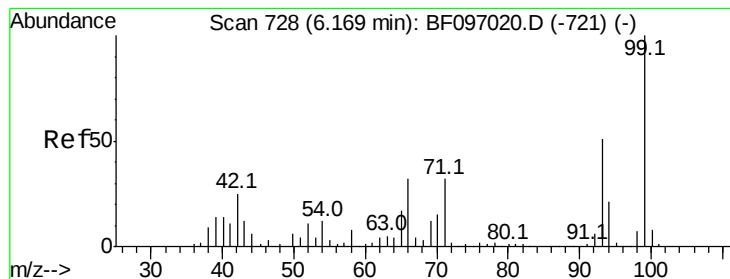
2-Fluorophenol
Concen: 91.573 ng
RT: 5.09 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF097124.D
Acq: 27 Jul 2017 16:01

Tgt Ion:112 Resp: 573655
Ion Ratio Lower Upper
112 100
64 66.9 46.0 69.0
63 35.1 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: 100.939 ng

RT: 6.15 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF097124.D

Acq: 27 Jul 2017 16:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-1-(0-2)

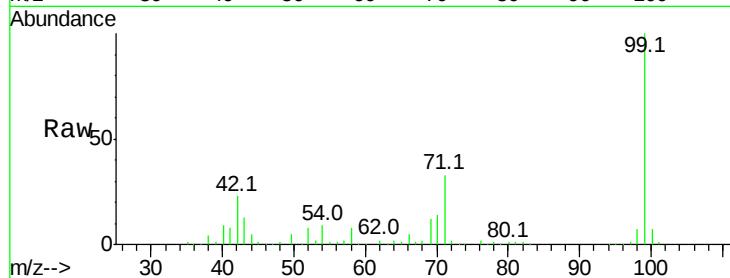
Tot Ion: 99 Resp: 721877

Ion Ratio Lower Upper

99 100

42 23.3 13.5 20.3#

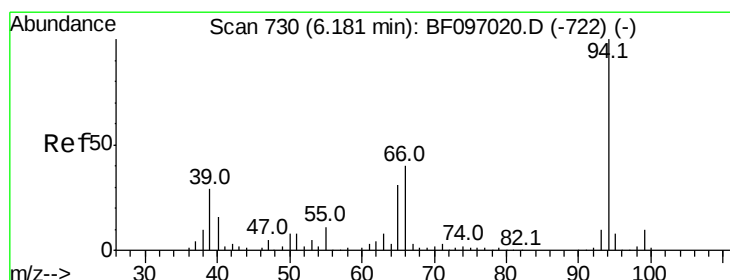
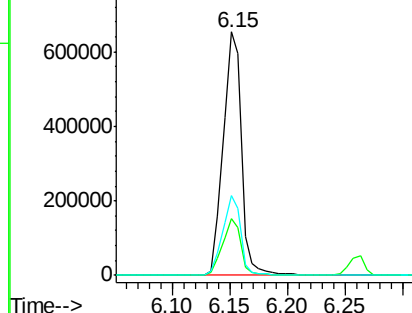
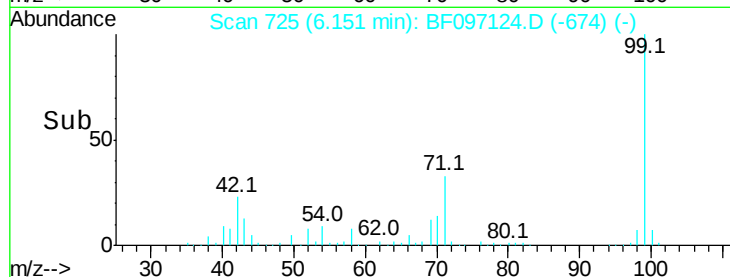
71 32.5 24.5 36.7



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: 3.066 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097124.D

Acq: 27 Jul 2017 16:01

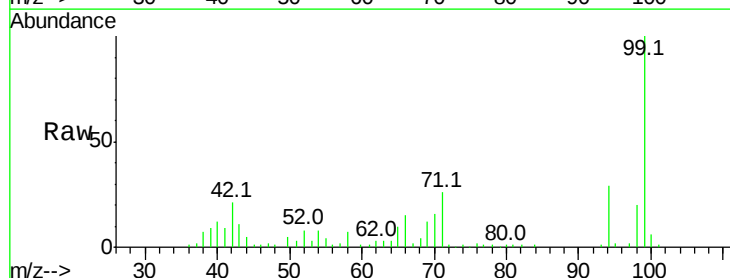
Tgt Ion: 94 Resp: 26005

Ion Ratio Lower Upper

94 100

65 32.5 9.9 49.9

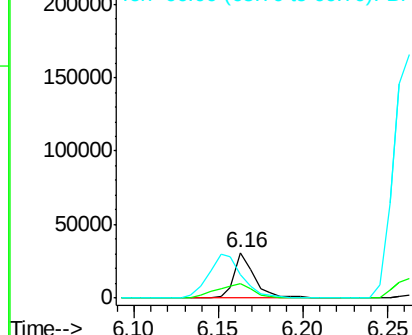
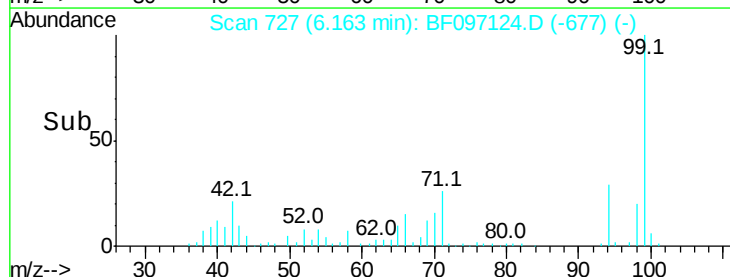
66 51.9 23.1 63.1

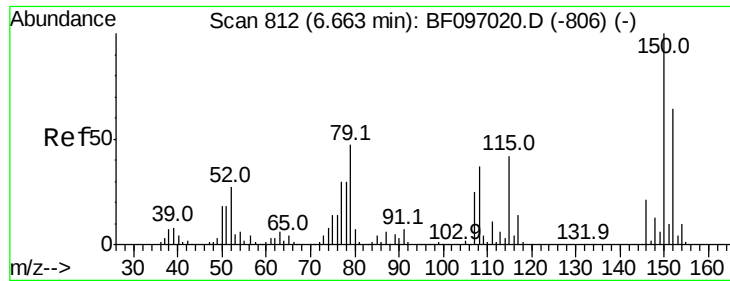


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

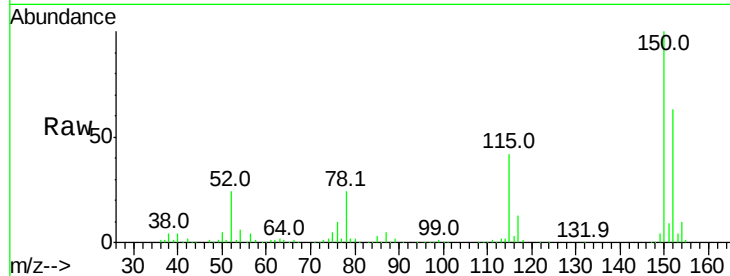




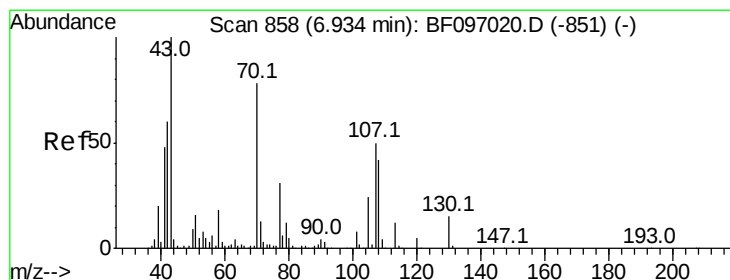
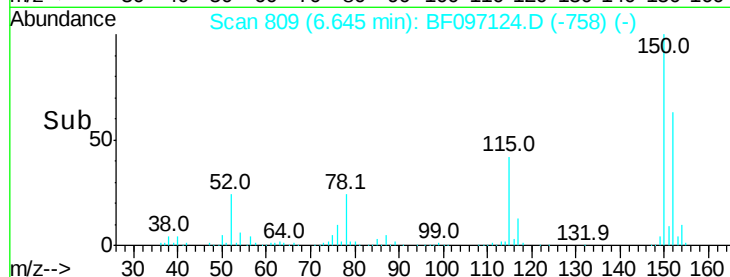
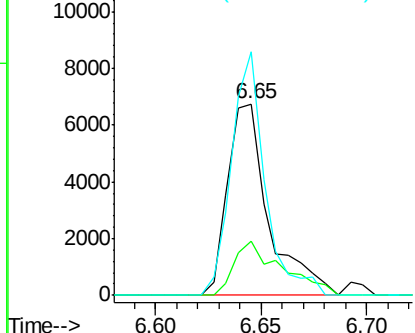
#15
Benzyl Alcohol
Concen: 2.007 ng
RT: 6.65 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF097124.D
Acq: 27 Jul 2017 16:01

Instrument :
BNA_F
ClientSampleId :
CEMETERY-1-(0-2)

Tot Ion: 79 Resp: 9087
Ion Ratio Lower Upper
79 100
108 28.4 63.4 95.0#
77 127.1 49.2 73.8#

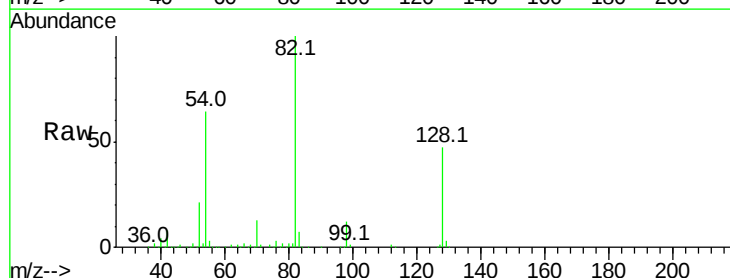


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

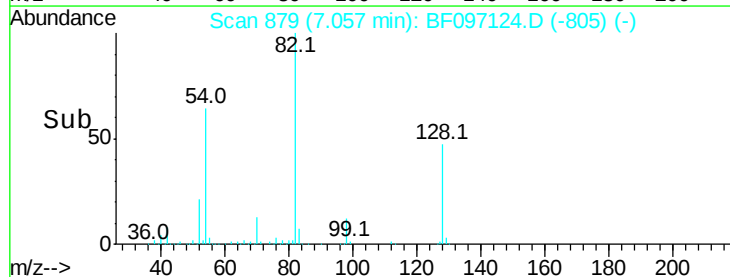
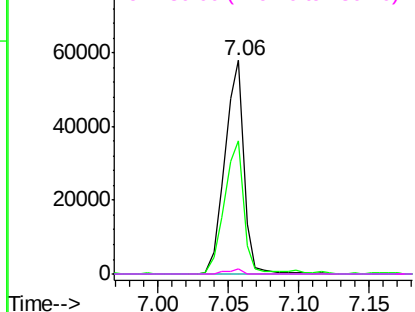


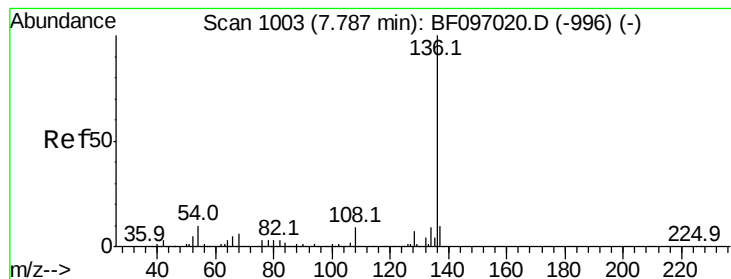
#19
n-Nitroso-di-n-propylamine
Concen: 11.598 ng
RT: 7.06 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF097124.D
Acq: 27 Jul 2017 16:01

Tgt Ion: 70 Resp: 54596
Ion Ratio Lower Upper
70 100
42 62.3 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF097124.D

Acq: 27 Jul 2017 16:01

Instrument :

BNA_F

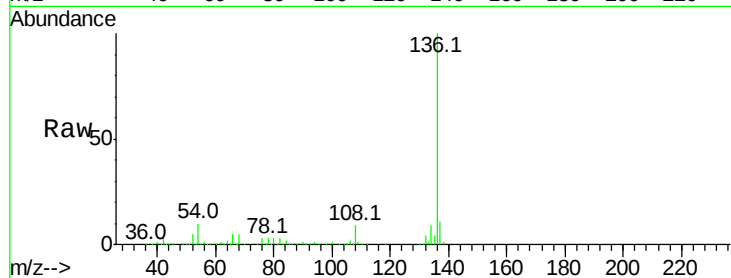
ClientSampleId :

CEMETERY-1-(0-2)

Tot Ion:136 Resp: 377492

Ion Ratio Lower Upper

136	100		
137	10.9	8.5	12.7
54	10.2	4.9	7.3#
68	5.0	4.1	6.1

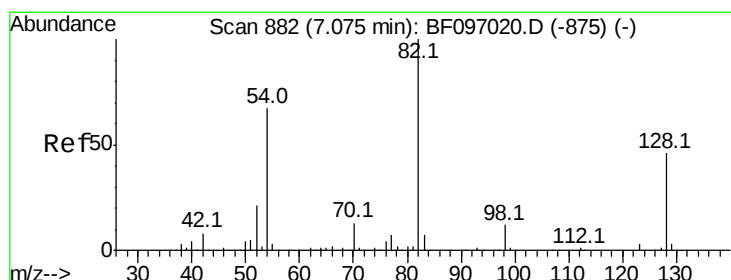
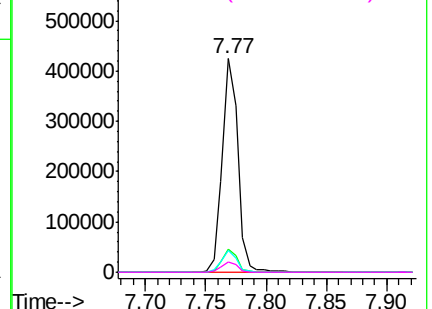
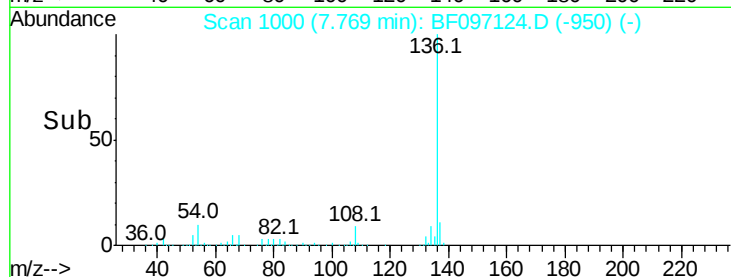


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.838 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.01 min

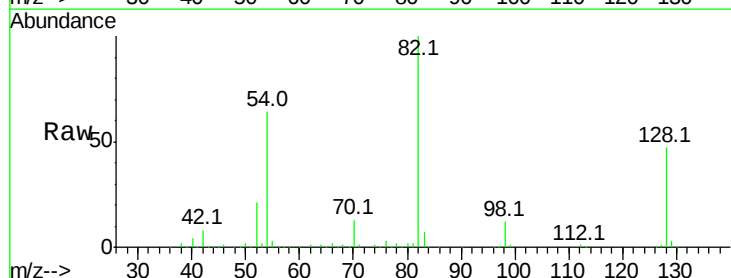
Lab File: BF097124.D

Acq: 27 Jul 2017 16:01

Tgt Ion: 82 Resp: 410787

Ion Ratio Lower Upper

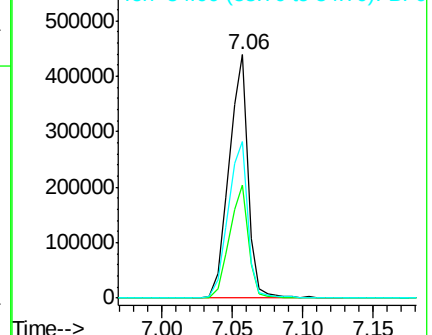
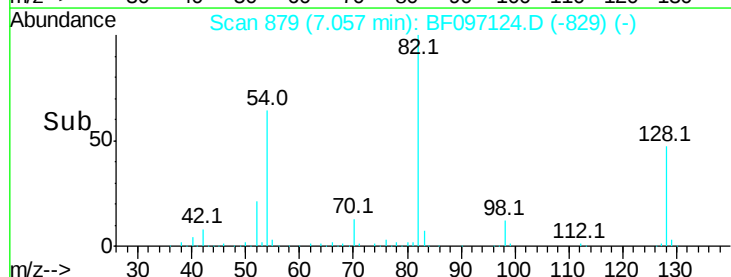
82	100		
128	46.5	34.0	51.0
54	64.4	42.2	63.2#

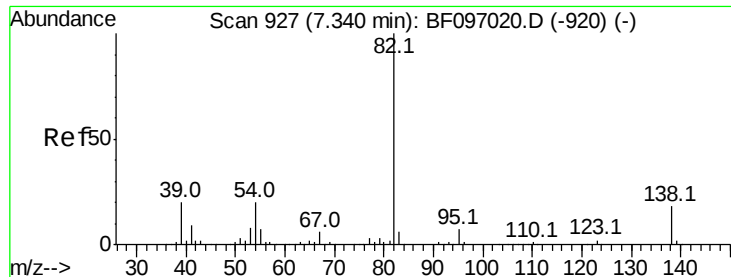


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 32.597 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF097124.D

Acq: 27 Jul 2017 16:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-1-(0-2)

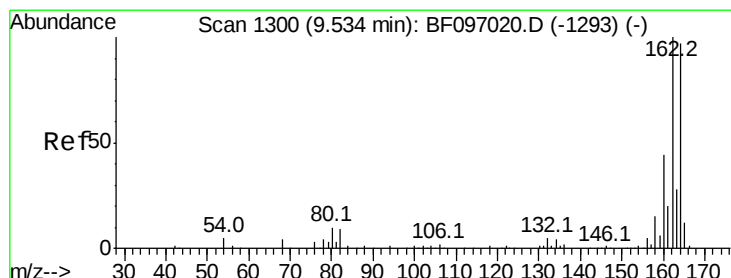
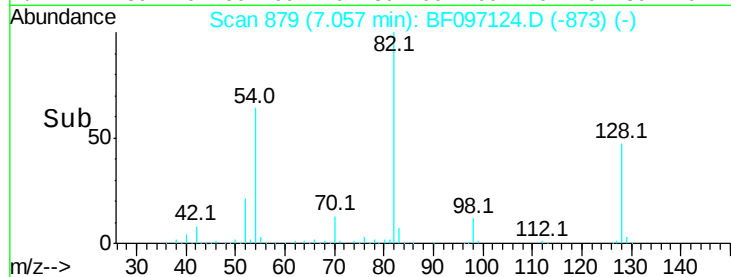
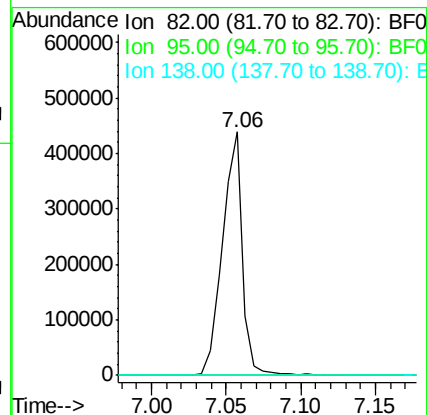
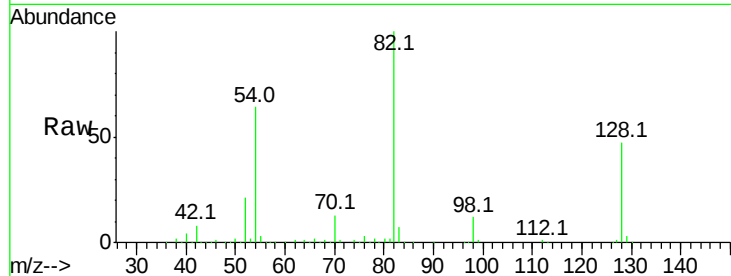
Tot Ion: 82 Resp: 410783

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.52 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF097124.D

Acq: 27 Jul 2017 16:01

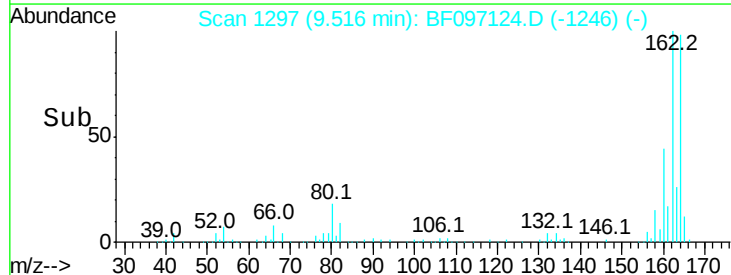
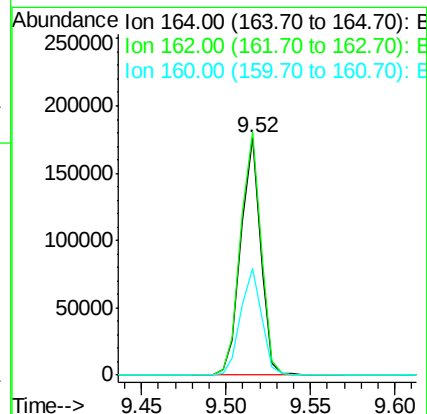
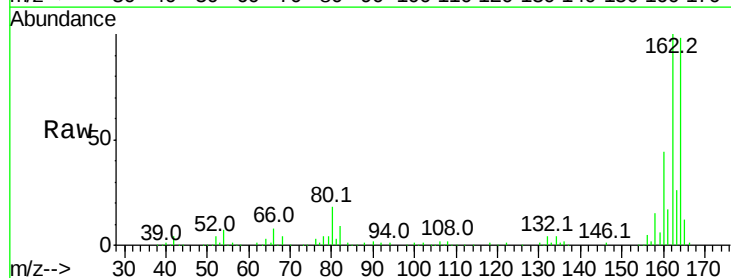
Tgt Ion:164 Resp: 144148

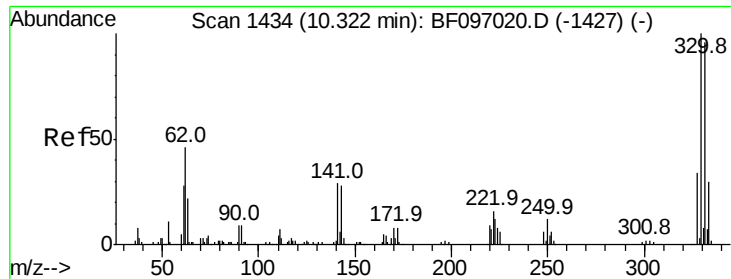
Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

160 44.8 36.2 54.2

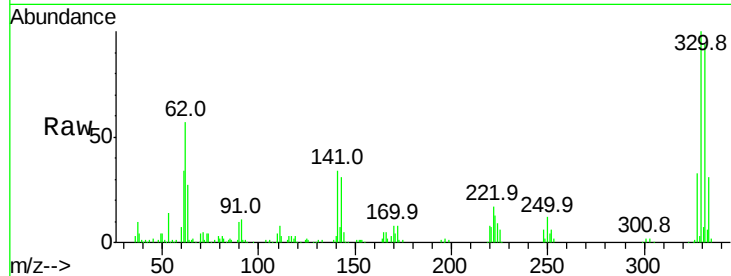




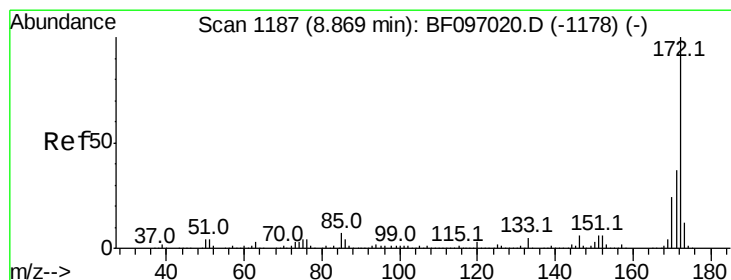
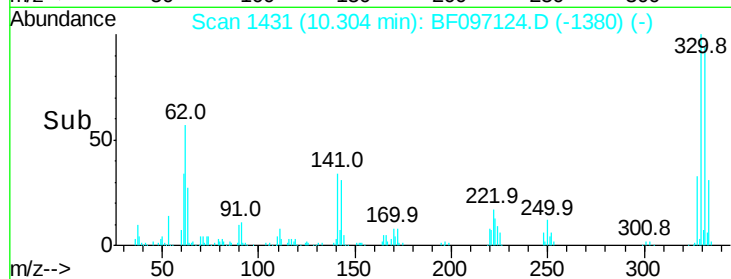
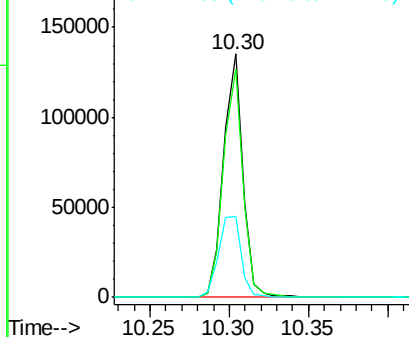
#41
 2,4,6-Tribromophenol
 Concen: 100.427 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF097124.D
 Acq: 27 Jul 2017 16:01

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-1-(0-2)

Tot Ion:330 Resp: 114377
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 38.7 31.4 47.2

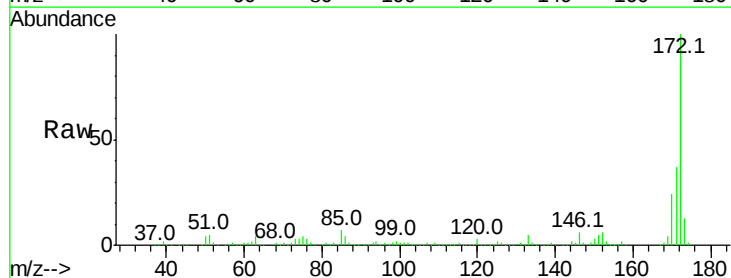


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

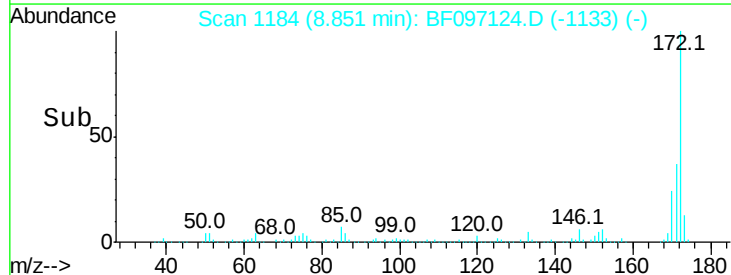
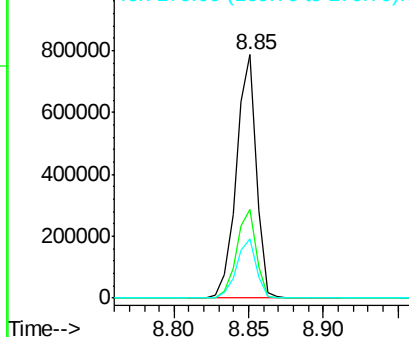


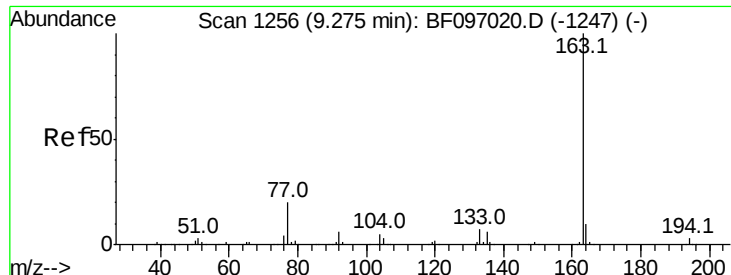
#44
 2-Fluorobiphenyl
 Concen: 86.702 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF097124.D
 Acq: 27 Jul 2017 16:01

Tgt Ion:172 Resp: 736428
 Ion Ratio Lower Upper
 172 100
 171 36.6 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

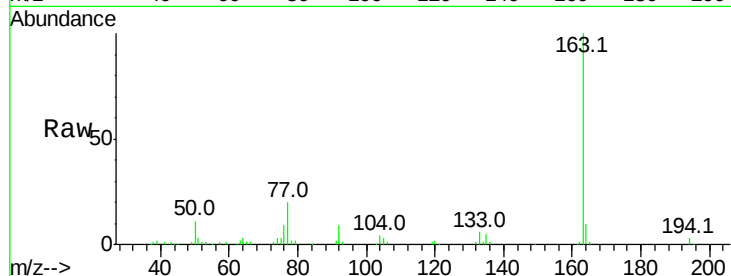




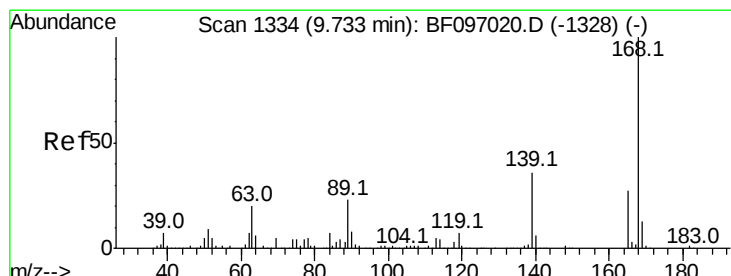
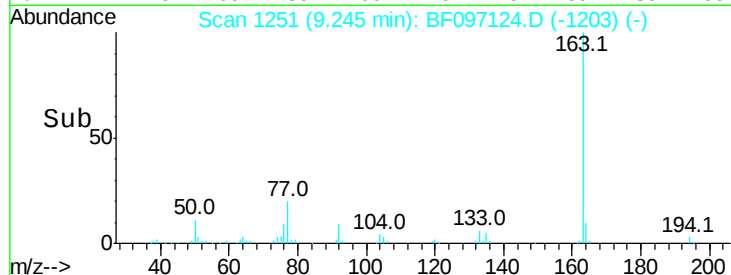
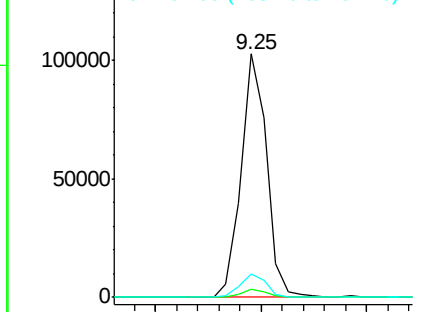
#49
Dimethylphthalate
Concen: 7.825 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF097124.D
Acq: 27 Jul 2017 16:01

Instrument :
BNA_F
ClientSampleId :
CEMETERY-1-(0-2)

Tot Ion:163 Resp: 85659
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.9 8.4 12.6



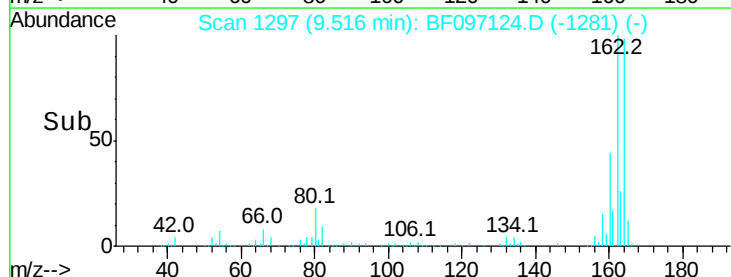
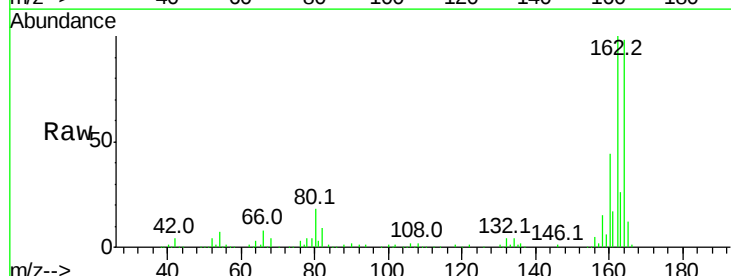
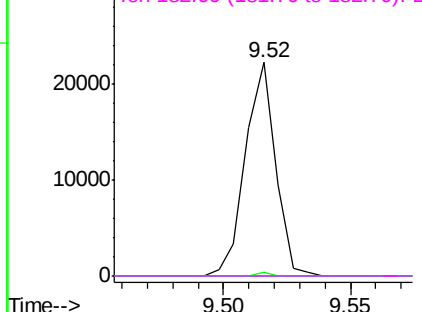
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

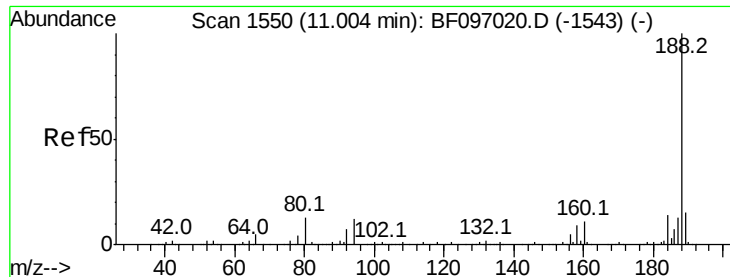


#56
2,4-Dinitrotoluene
Concen: 6.933 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.21 min
Lab File: BF097124.D
Acq: 27 Jul 2017 16:01

Tgt Ion:165 Resp: 18505
Ion Ratio Lower Upper
165 100
63 1.7 25.4 38.0#
89 0.0 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

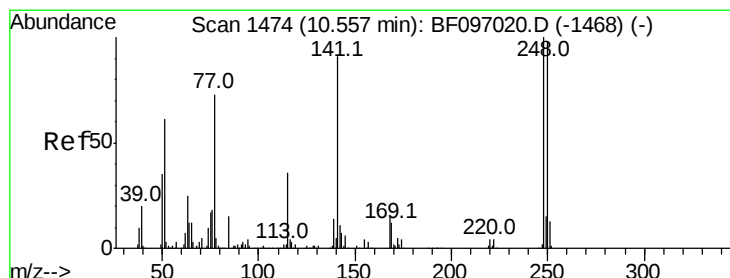
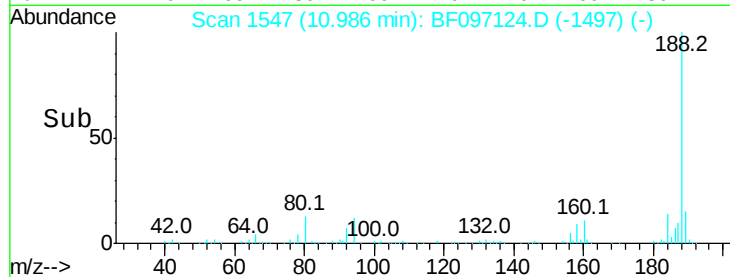
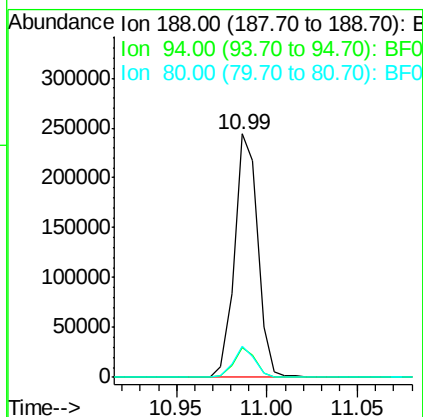
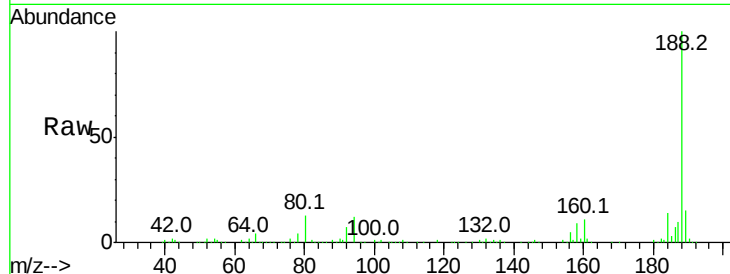




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.99 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BF097124.D
 Acq: 27 Jul 2017 16:01

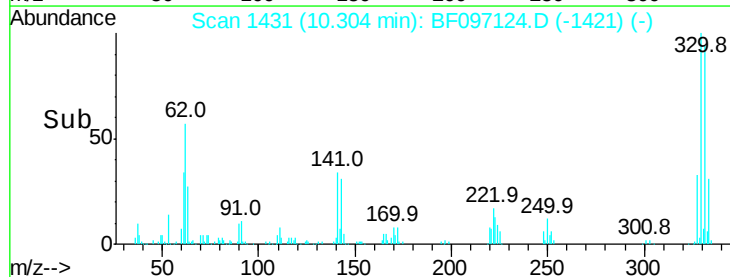
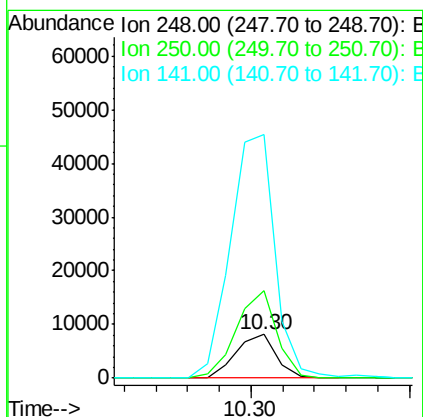
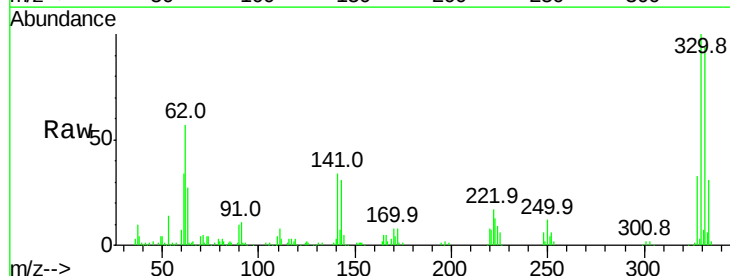
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-1-(0-2)

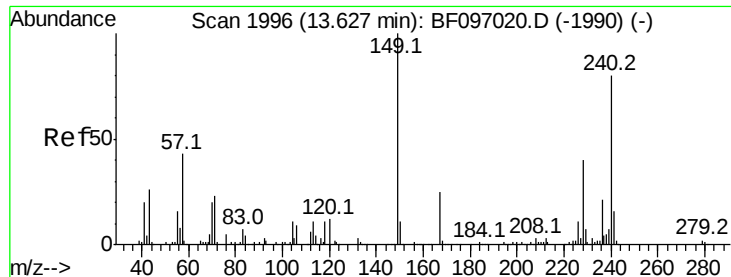
Tot Ion:188 Resp: 218162
 Ion Ratio Lower Upper
 188 100
 94 12.2 9.4 14.2
 80 12.8 10.2 15.2



#66
 4-Bromophenyl-phenylether
 Concen: 3.293 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.24 min
 Lab File: BF097124.D
 Acq: 27 Jul 2017 16:01

Tgt Ion:248 Resp: 7169
 Ion Ratio Lower Upper
 248 100
 250 200.4 76.8 115.2#
 141 555.0 68.6 103.0#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF097124.D

Acq: 27 Jul 2017 16:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-1-(0-2)

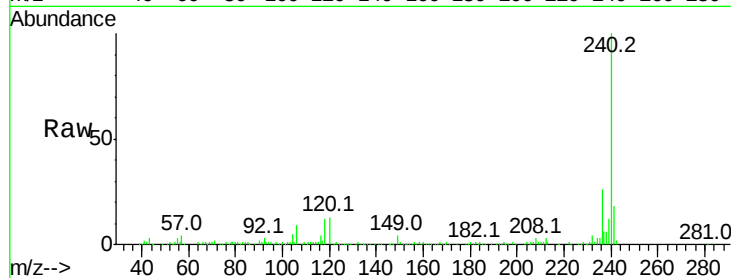
Tot Ion:240 Resp: 206394

Ion Ratio Lower Upper

240 100

120 12.6 5.8 8.8#

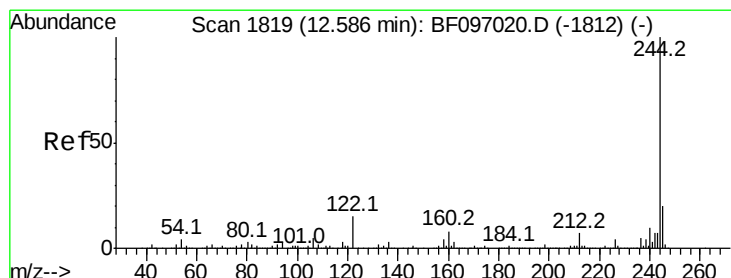
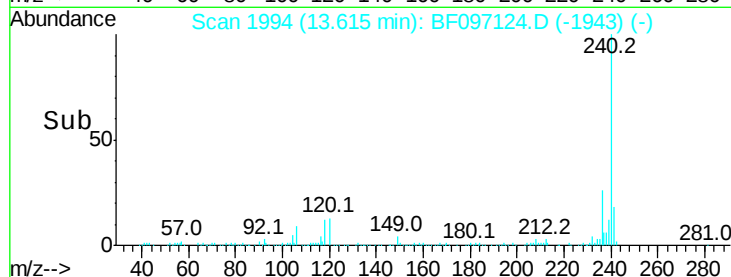
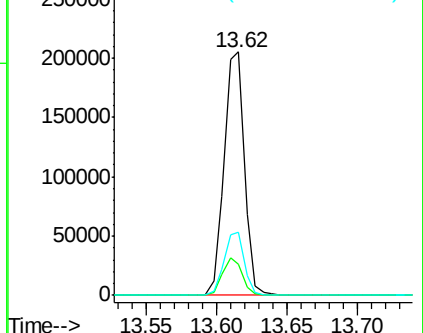
236 26.0 20.5 30.7



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: 47.519 ng

RT: 12.57 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF097124.D

Acq: 27 Jul 2017 16:01

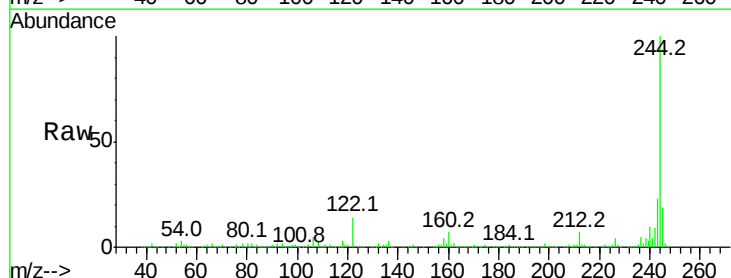
Tgt Ion:244 Resp: 481035

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

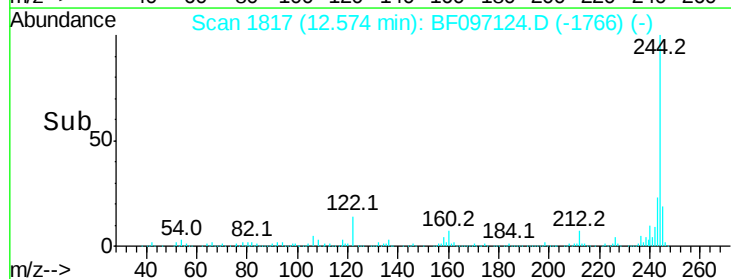
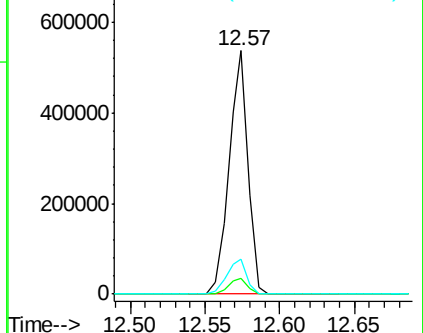
122 14.5 10.3 15.5

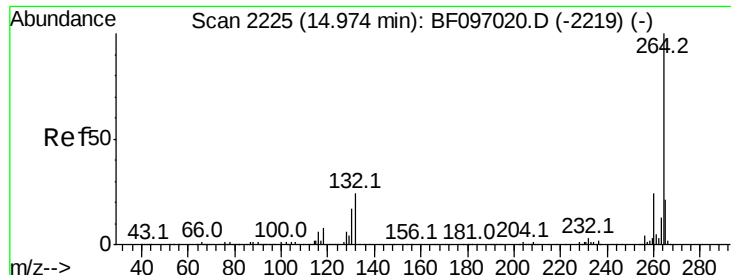


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

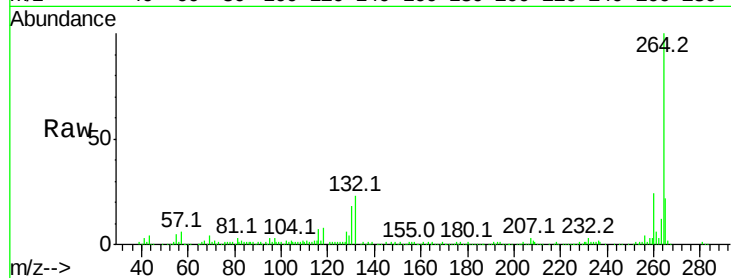




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.96 min Scan# 2223
 Delta R.T. 0.01 min
 Lab File: BF097124.D
 Acq: 27 Jul 2017 16:01

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-1-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.5	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

