

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097050.D
 Acq On : 26 Jul 2017 1:02
 Operator : SJ/JU
 Sample : I4359-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-5-(0-2)

Quant Time: Jul 26 03:06:13 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

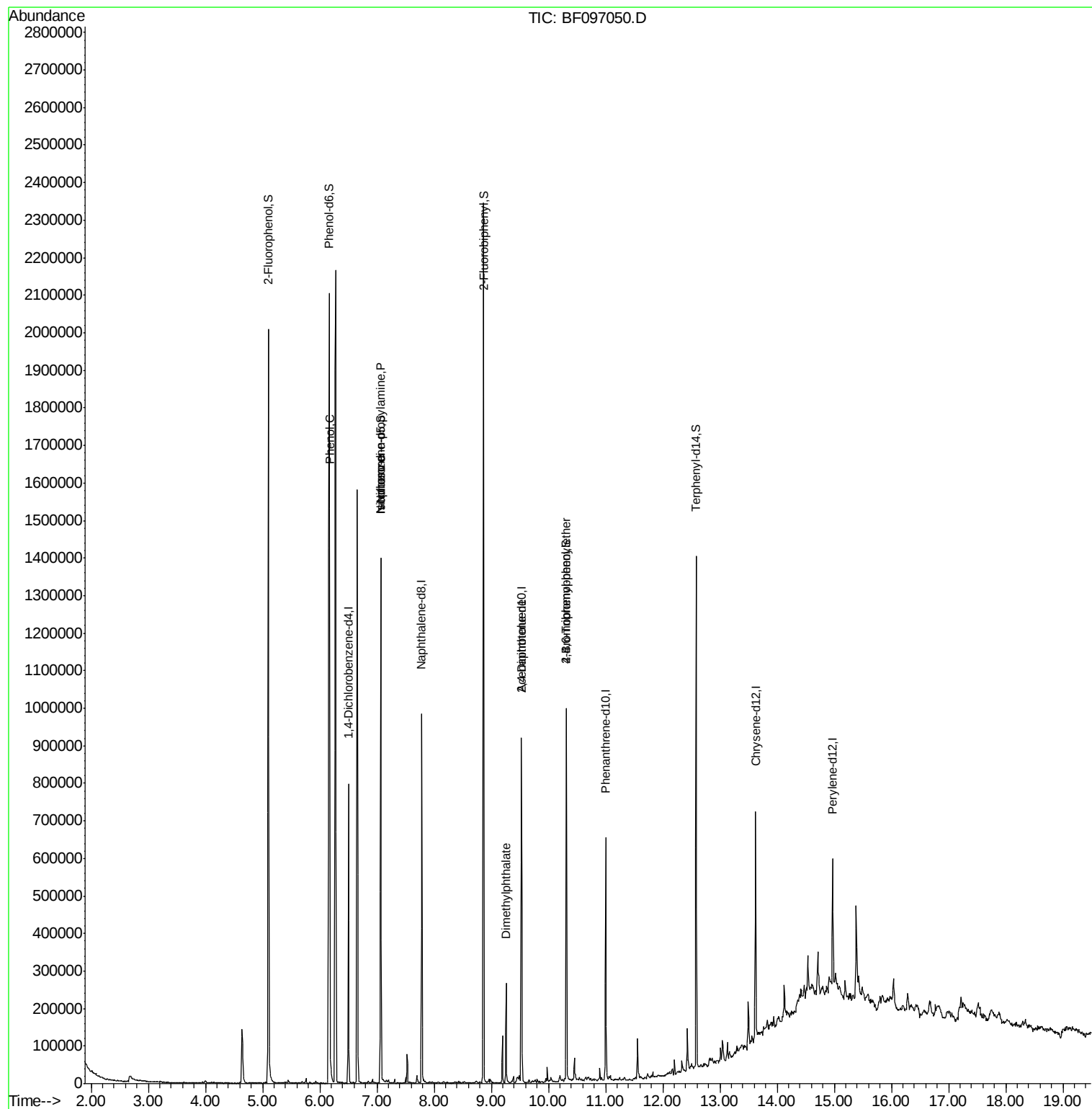
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	111480	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	432449	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	164021	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	235321	20.00	ng	0.00
75) Chrysene-d12	13.62	240	188506	20.00	ng	0.00
86) Perylene-d12	14.97	264	137932	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	580504	78.50	ng	0.00
7) Phenol-d6	6.16	99	736101	87.19	ng	0.00
23) Nitrobenzene-d5	7.07	82	409351	55.53	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	111624	86.13	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	704622	72.91	ng	0.00
78) Terphenyl-d14	12.59	244	430335	46.54	ng	0.00
Target Compounds						
10) Phenol	6.17	94	26218	2.62	ng	Qvalue 100
19) n-Nitroso-di-n-propylamine	7.07	70	55942	10.07	ng	# 88
25) Isophorone	7.07	82	404913	28.05	ng	# 67
49) Dimethylphthalate	9.26	163	81896	6.58	ng	100
56) 2,4-Dinitrotoluene	9.53	165	20389	6.71	ng	# 34
66) 4-Bromophenyl-phenylether	10.31	248	7423	3.16	ng	# 1

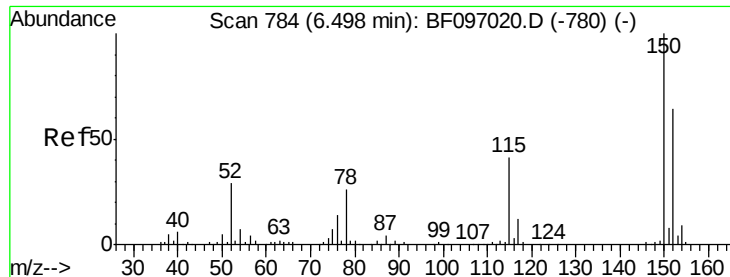
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
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Quant Time: Jul 26 03:06:13 2017
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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: BF097050.D

Acq: 26 Jul 2017 1:02

Instrument :

BNA_F

ClientSampleId :

CEMETERY-5-(0-2)

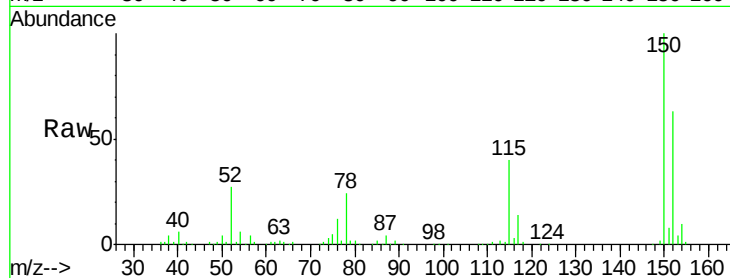
Tot Ion:152 Resp: 111480

Ion Ratio Lower Upper

152 100

150 158.3 126.2 189.2

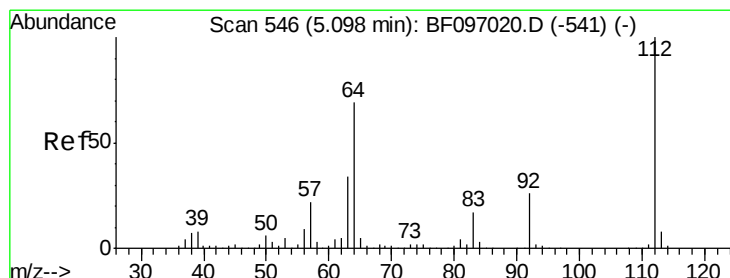
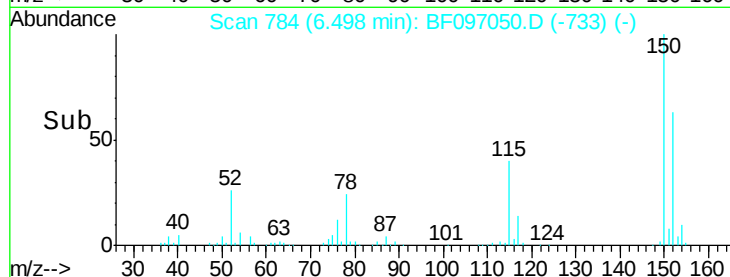
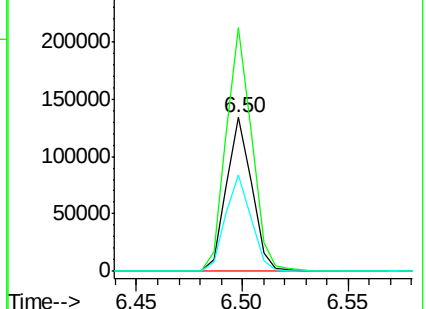
115 62.8 52.2 78.2



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: 78.50 ng

RT: 5.10 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF097050.D

Acq: 26 Jul 2017 1:02

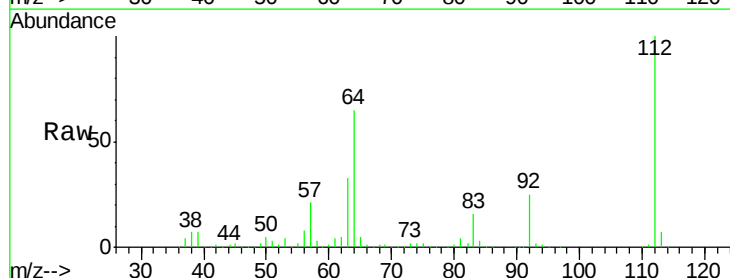
Tgt Ion:112 Resp: 580504

Ion Ratio Lower Upper

112 100

64 65.3 46.0 69.0

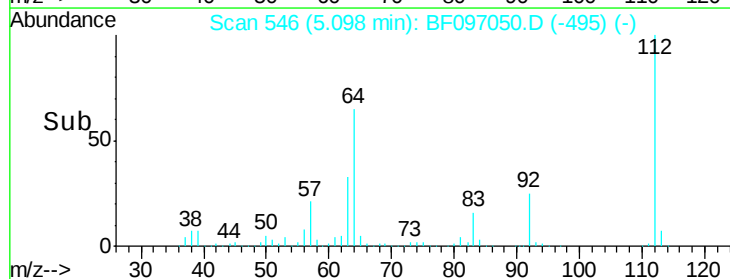
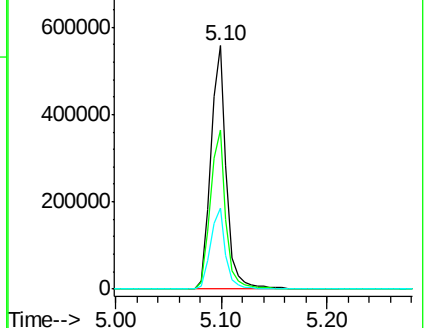
63 33.4 23.4 35.0

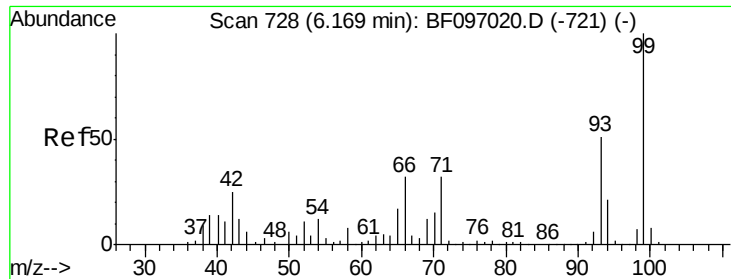


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.19 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097050.D

Acq: 26 Jul 2017 1:02

Instrument :

BNA_F

ClientSampleId :

CEMETERY-5-(0-2)

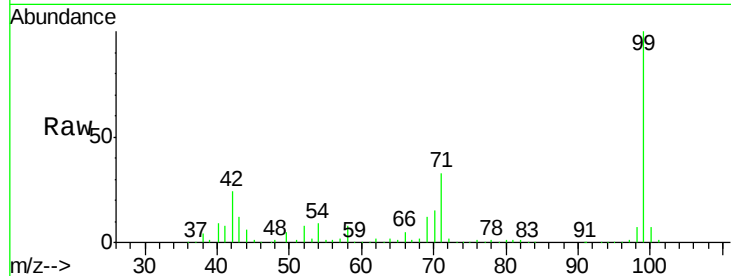
Tot Ion: 99 Resp: 736101

Ion Ratio Lower Upper

99 100

42 23.5 13.5 20.3#

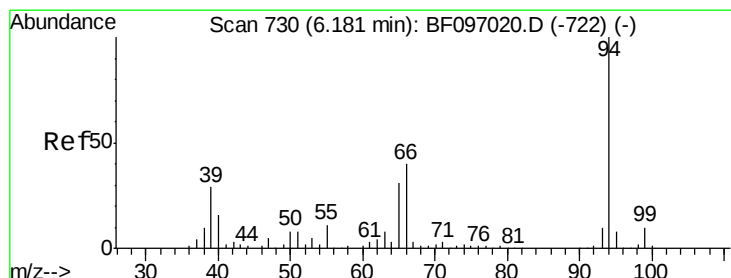
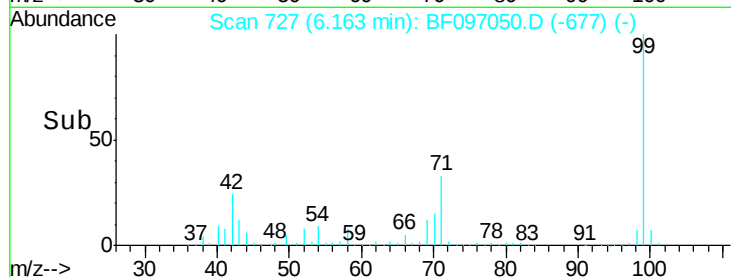
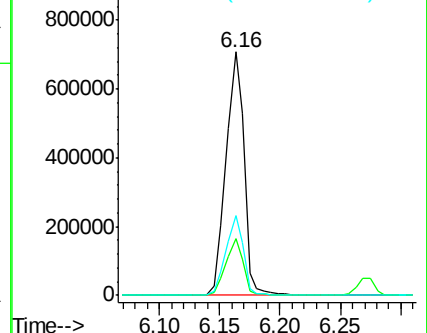
71 32.5 24.5 36.7



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: 2.62 ng

RT: 6.17 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097050.D

Acq: 26 Jul 2017 1:02

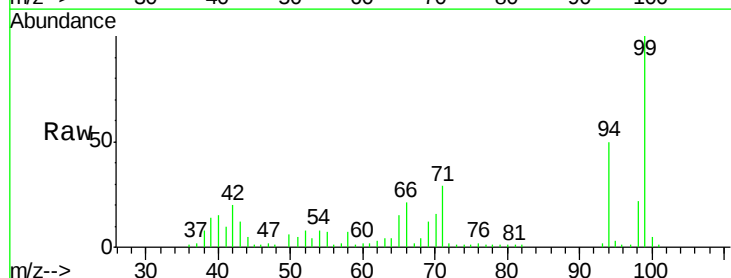
Tgt Ion: 94 Resp: 26218

Ion Ratio Lower Upper

94 100

65 29.7 9.9 49.9

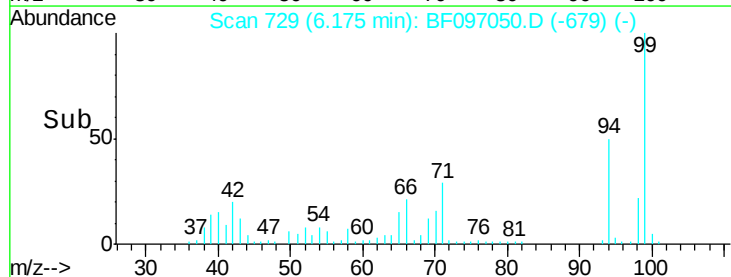
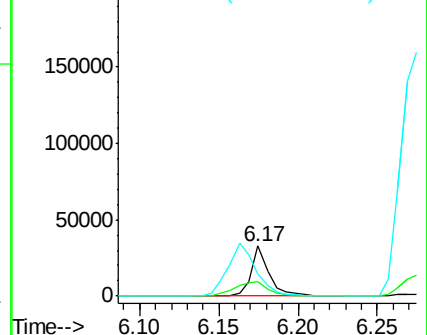
66 43.1 23.1 63.1

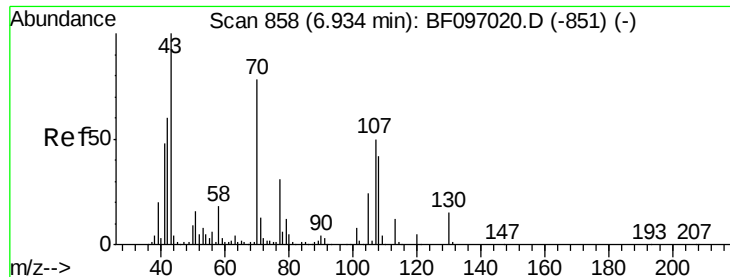


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

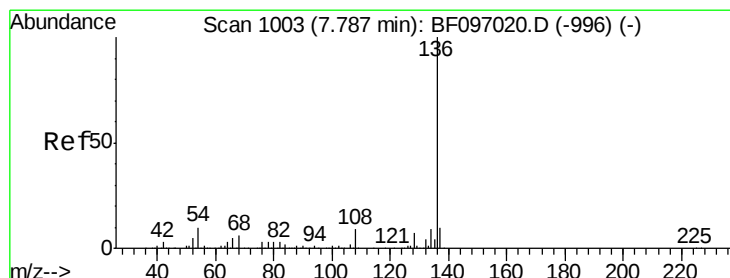
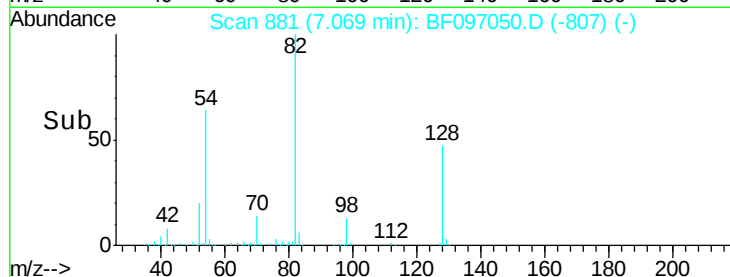
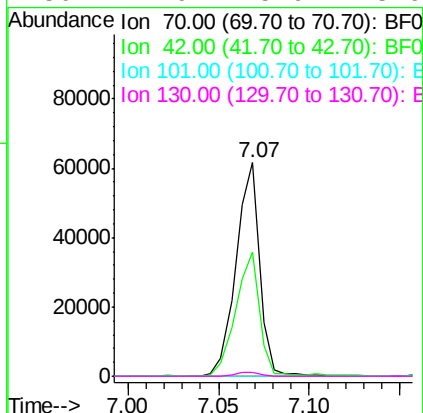
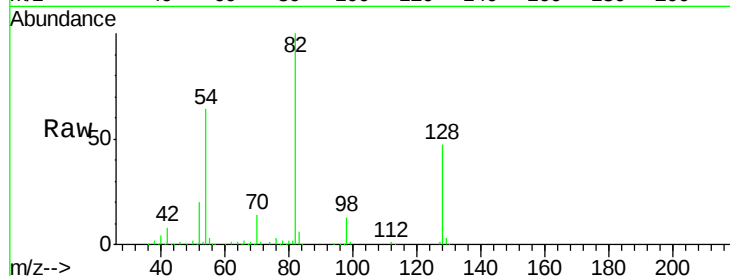




#19
n-Nitroso-di-n-propylamine
Concen: 10.07 ng
RT: 7.07 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF097050.D
Acq: 26 Jul 2017 1:02

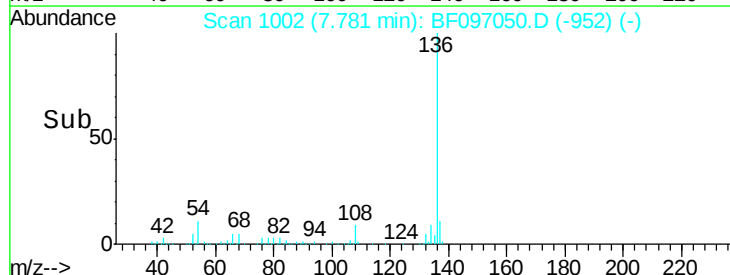
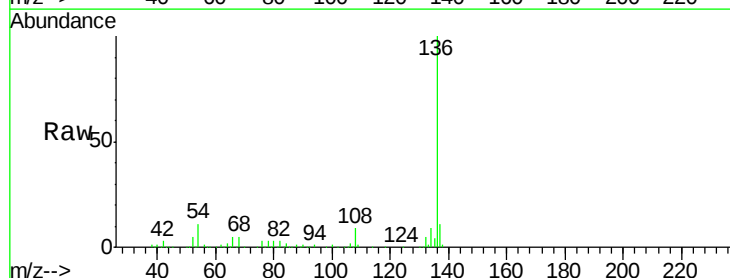
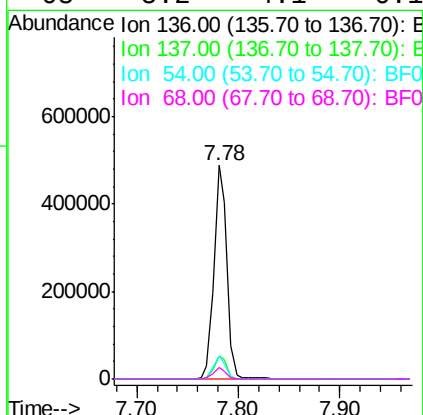
Instrument :
BNA_F
ClientSampleId :
CEMETERY-5-(0-2)

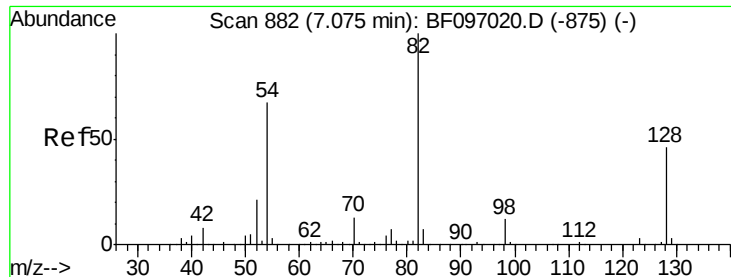
Tot Ion: 70 Resp: 55942
Ion Ratio Lower Upper
70 100
42 58.1 47.2 70.8
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097050.D
Acq: 26 Jul 2017 1:02

Tgt Ion:136 Resp: 432449
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.6 4.9 7.3#
68 5.2 4.1 6.1

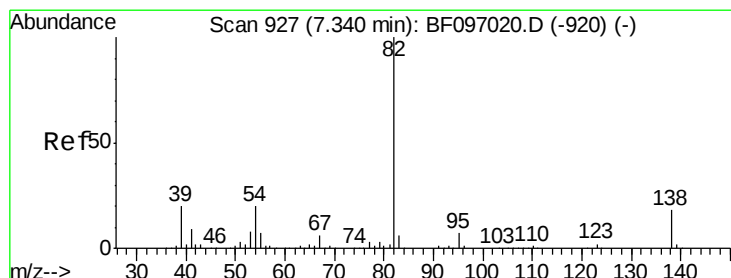
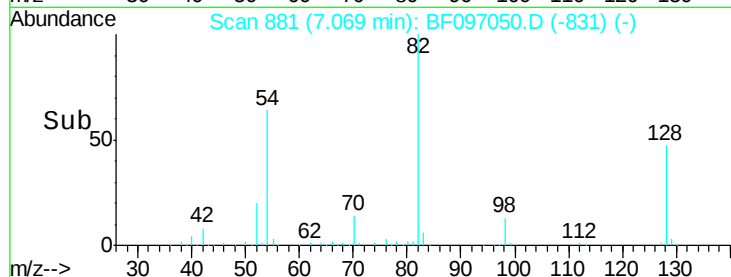
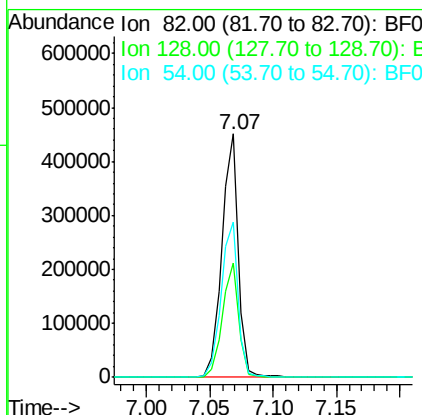
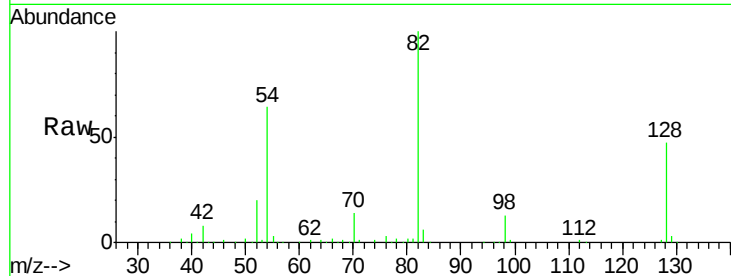




#23
Nitrobenzene-d5
Concen: 55.53 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF097050.D
Acq: 26 Jul 2017 1:02

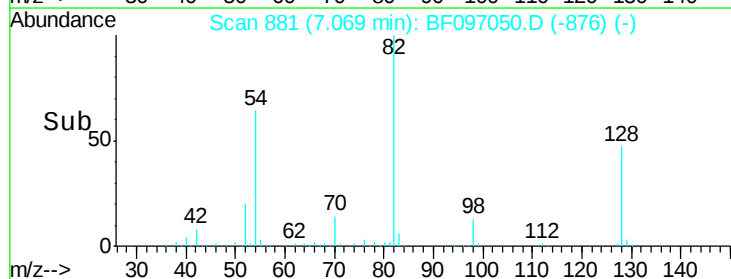
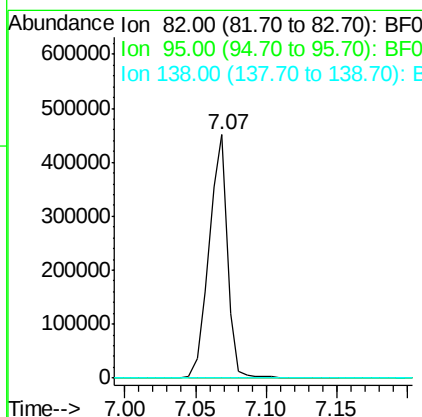
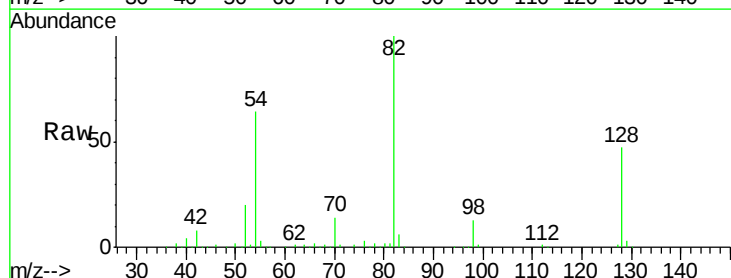
Instrument :
BNA_F
ClientSampleId :
CEMETERY-5-(0-2)

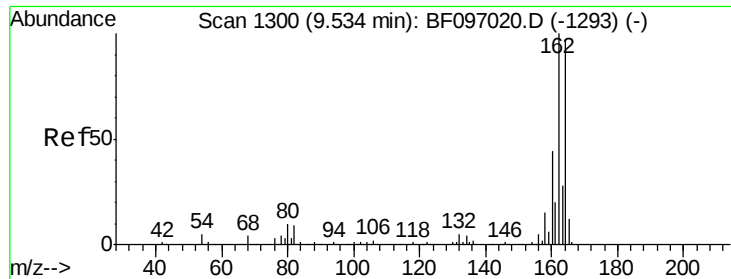
Tot Ion: 82 Resp: 409351
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 63.6 42.2 63.2#



#25
Isophorone
Concen: 28.05 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF097050.D
Acq: 26 Jul 2017 1:02

Tgt Ion: 82 Resp: 404913
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

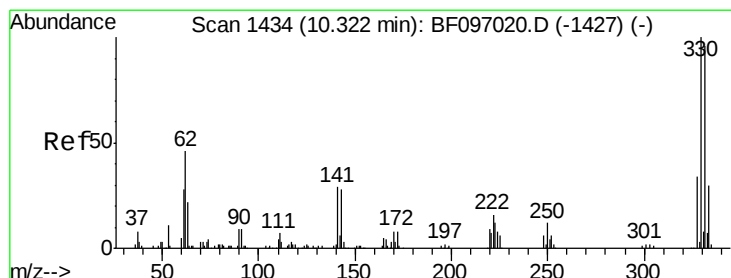
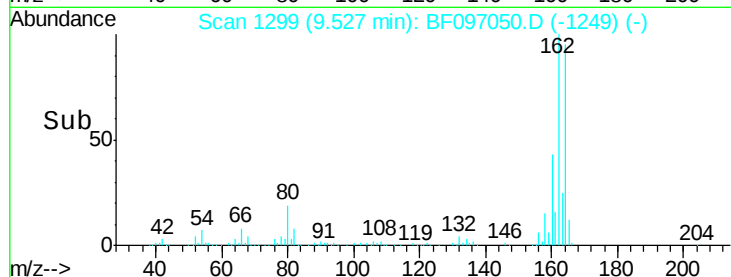
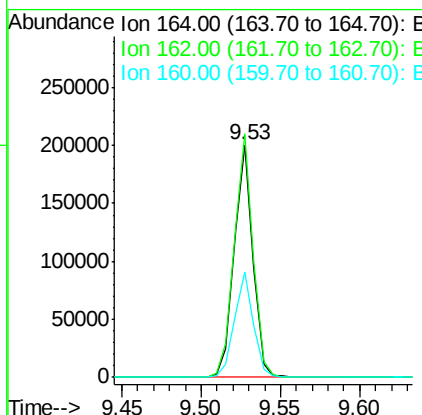
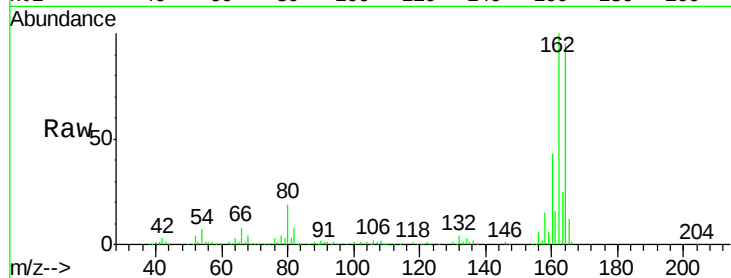




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097050.D
 Acq: 26 Jul 2017 1:02

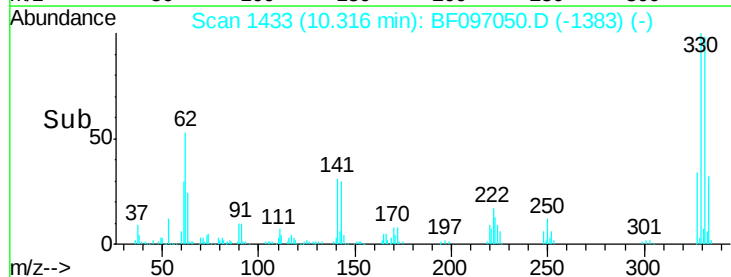
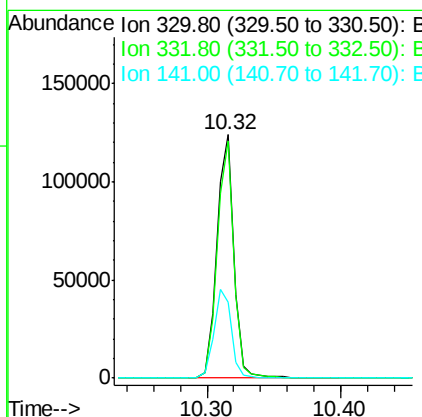
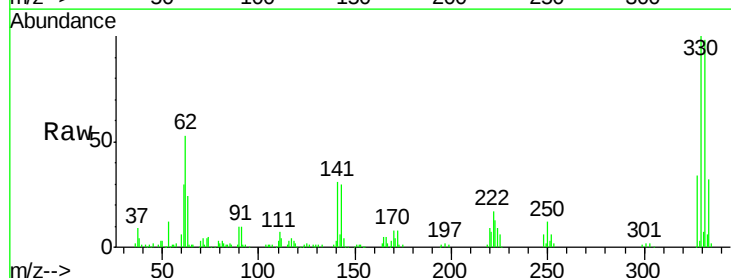
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-5-(0-2)

Tot Ion:164 Resp: 164021
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.6 123.8
 160 45.4 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 86.13 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097050.D
 Acq: 26 Jul 2017 1:02

Tgt Ion:330 Resp: 111624
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 37.4 31.4 47.2

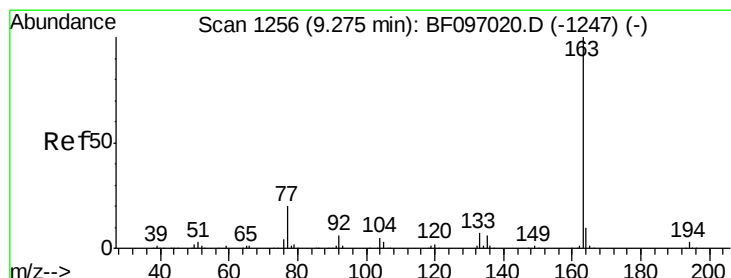
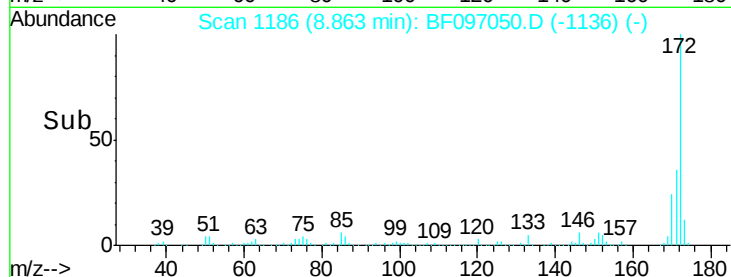
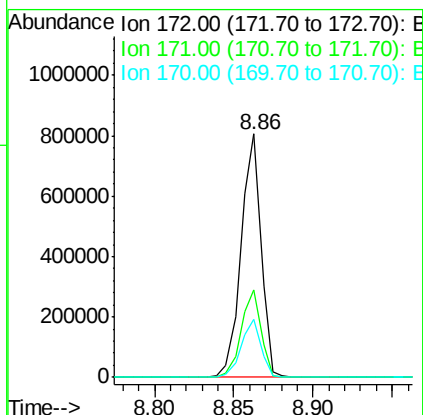
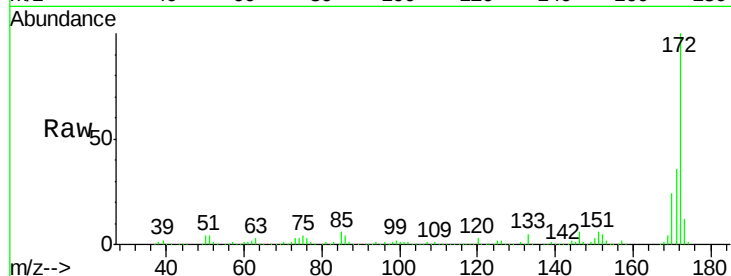




#44
2-Fluorobiphenyl
Concen: 72.91 ng
RT: 8.86 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF097050.D
Acq: 26 Jul 2017 1:02

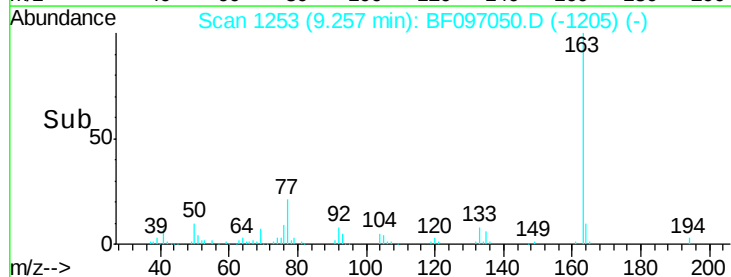
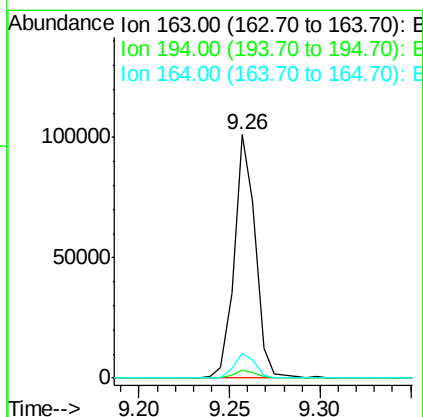
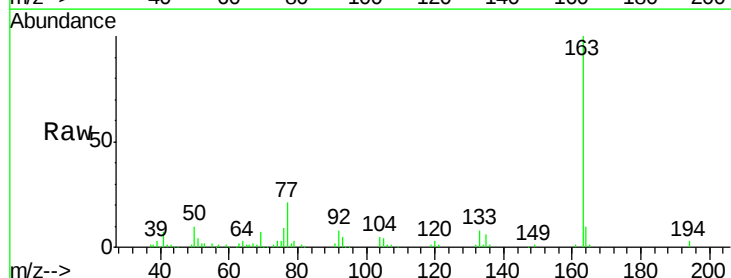
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BNA_F
ClientSampleId :
CEMETERY-5-(0-2)

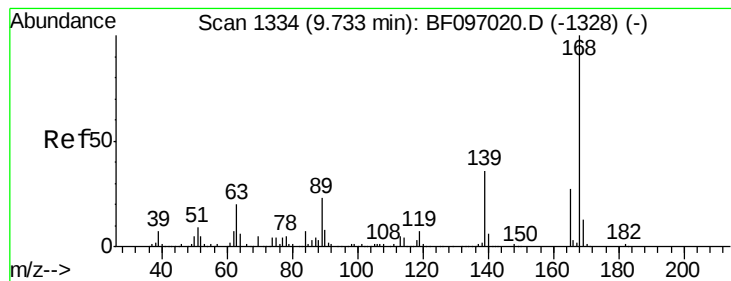
Tot Ion:172 Resp: 704622
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 6.58 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097050.D
Acq: 26 Jul 2017 1:02

Tgt Ion:163 Resp: 81896
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.3 8.4 12.6





#56

2,4-Dinitrotoluene

Concen: 6.71 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.21 min

Lab File: BF097050.D

Acq: 26 Jul 2017 1:02

Instrument :

BNA_F

ClientSampleId :

CEMETERY-5-(0-2)

Tot Ion:165 Resp: 20389

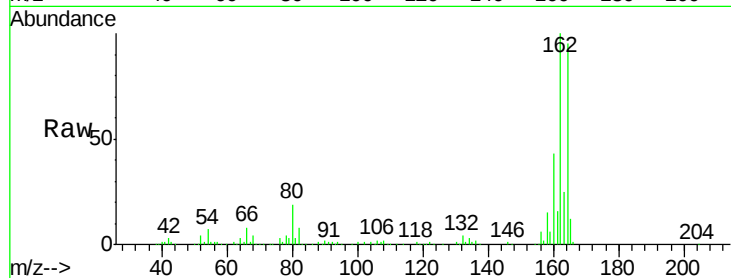
Ion Ratio Lower Upper

165 100

63 1.7 25.4 38.0#

89 2.3 46.4 69.6#

182 0.0 1.8 2.6#

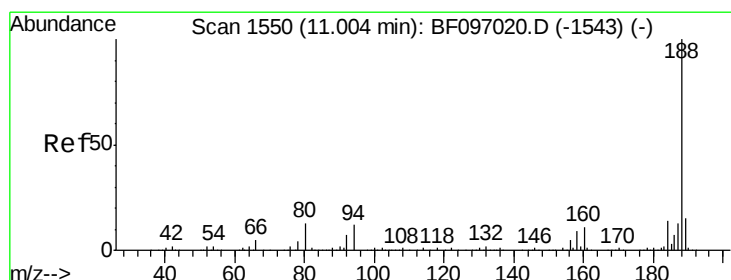
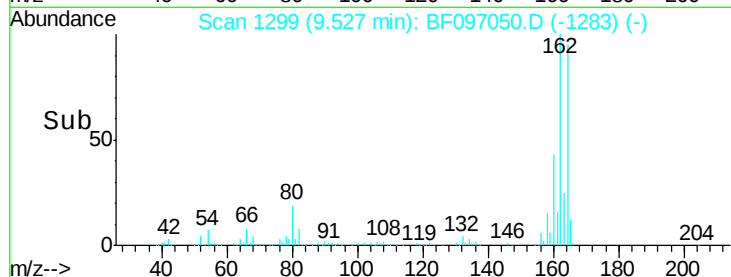
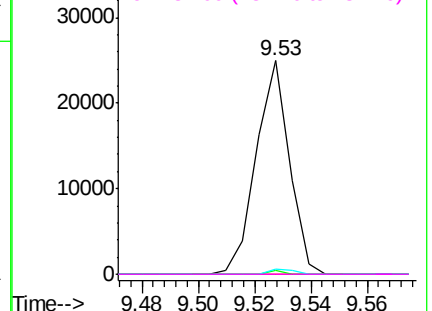


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.00 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF097050.D

Acq: 26 Jul 2017 1:02

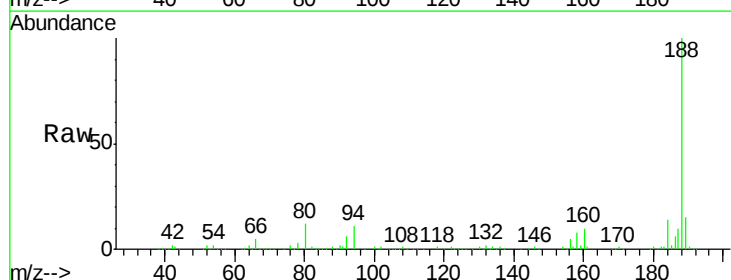
Tgt Ion:188 Resp: 235321

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

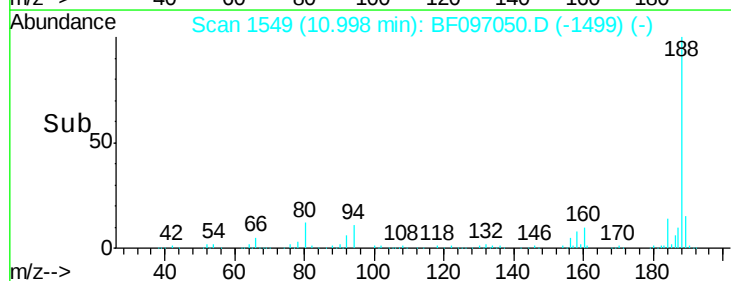
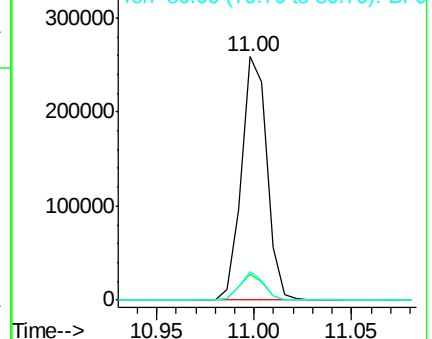
80 11.5 10.2 15.2



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

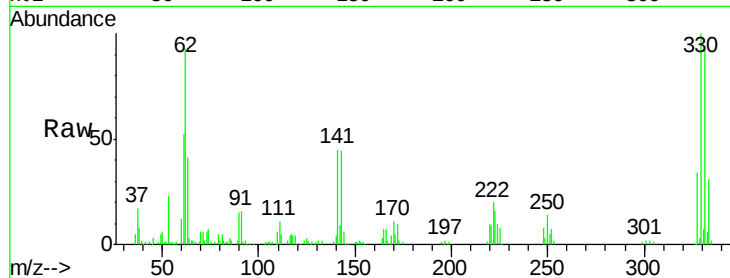




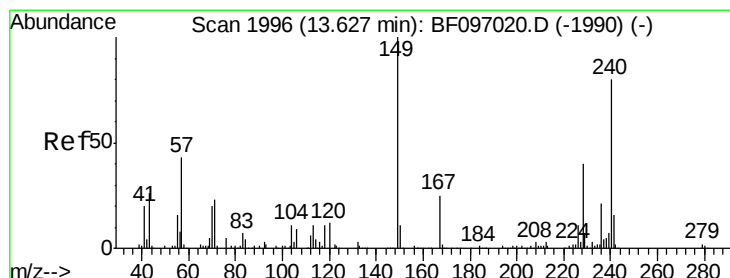
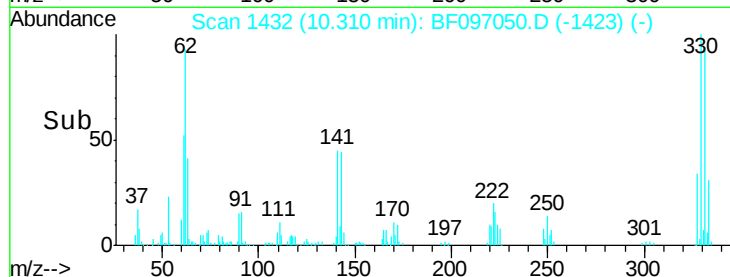
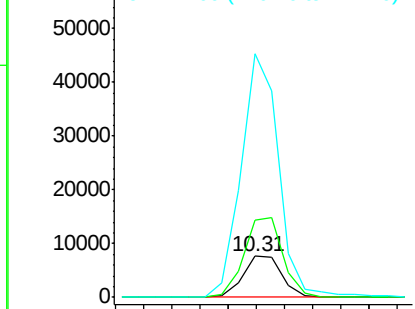
#66
 4-Bromophenyl-phenylether
 Concen: 3.16 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF097050.D
 Acq: 26 Jul 2017 1:02

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-5-(0-2)

Tot Ion:248 Resp: 7423
 Ion Ratio Lower Upper
 248 100
 250 187.7 76.8 115.2#
 141 592.0 68.6 103.0#

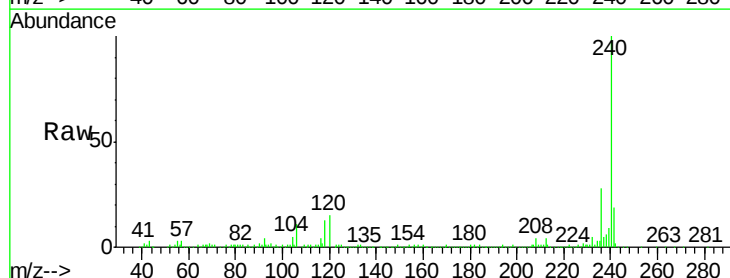


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

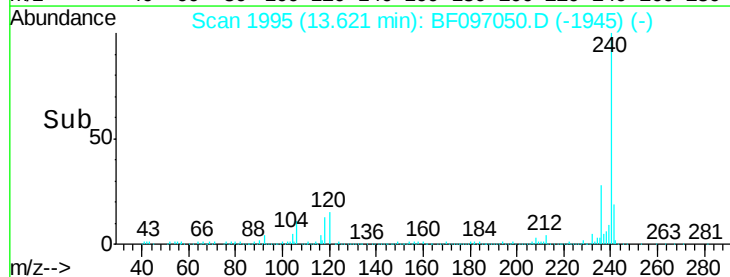
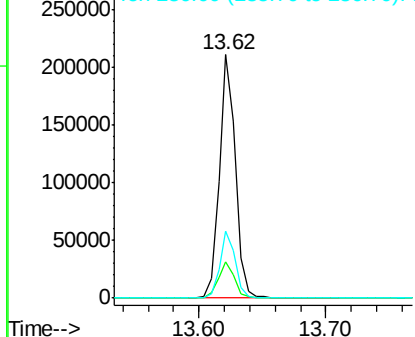


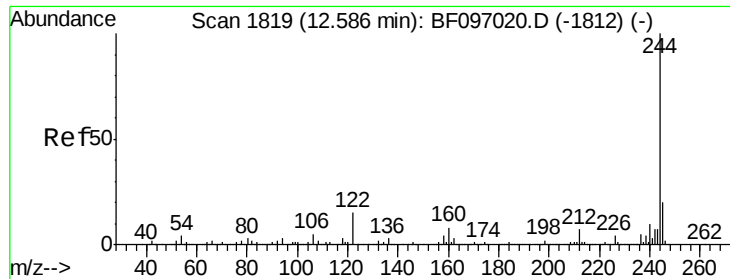
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.62 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF097050.D
 Acq: 26 Jul 2017 1:02

Tgt Ion:240 Resp: 188506
 Ion Ratio Lower Upper
 240 100
 120 14.9 5.8 8.8#
 236 27.8 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

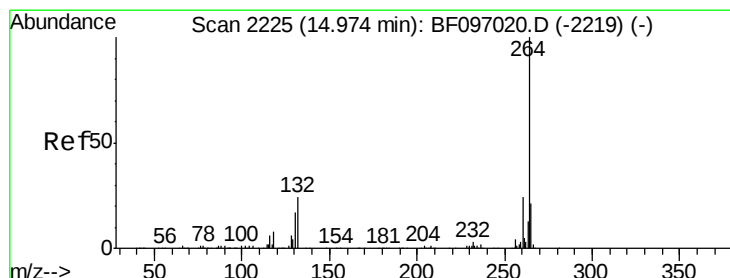
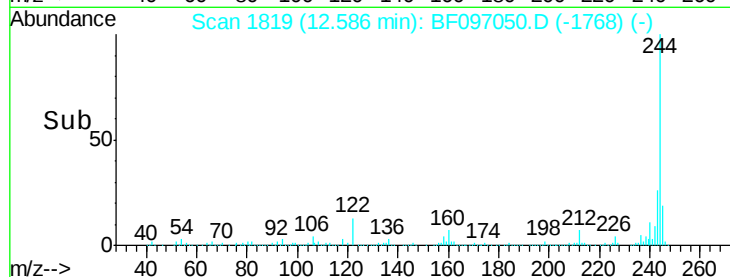
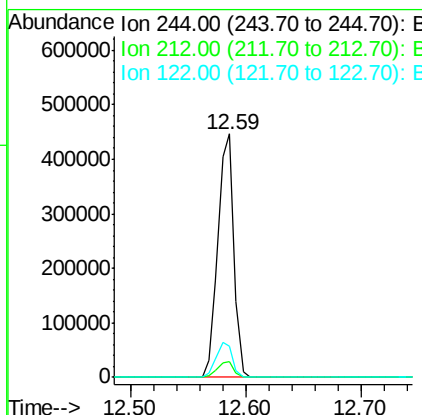
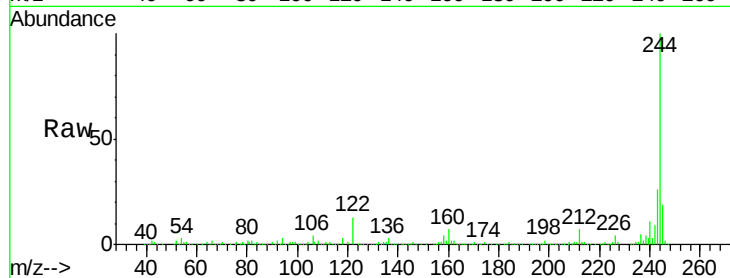




#78
 Terphenyl-d14
 Concen: 46.54 ng
 RT: 12.59 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BF097050.D
 Acq: 26 Jul 2017 1:02

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-5-(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	12.9	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF097050.D
 Acq: 26 Jul 2017 1:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.1	17.2	25.8

