

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 03:30:14 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

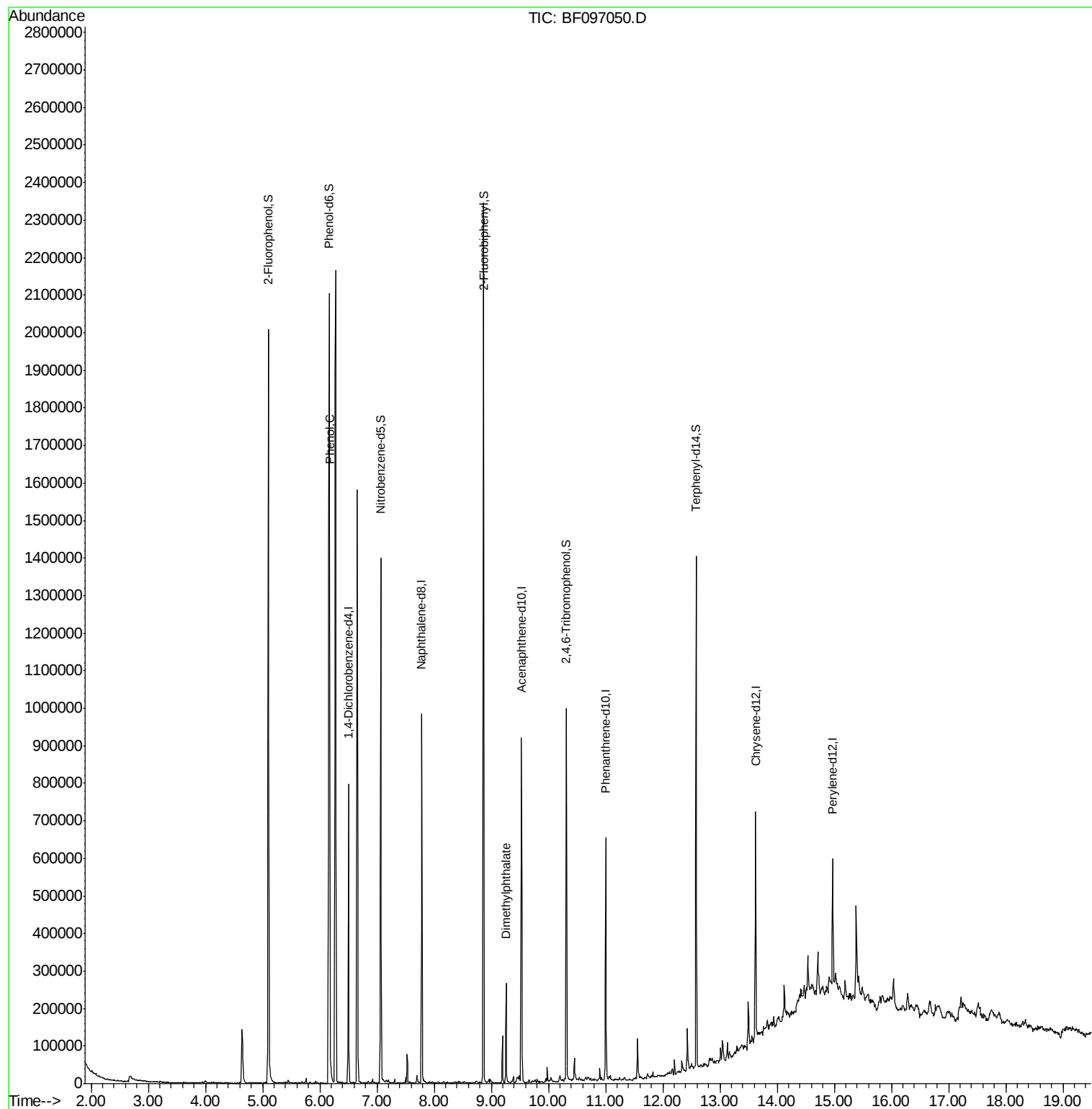
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	111480	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	432449	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	164021	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	235321	20.00	ng	0.00
75) Chrysene-d12	13.62	240	188506	20.00	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	2.618	ng	100
49) Dimethylphthalate	9.26	163	81896	6.575	ng	100

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

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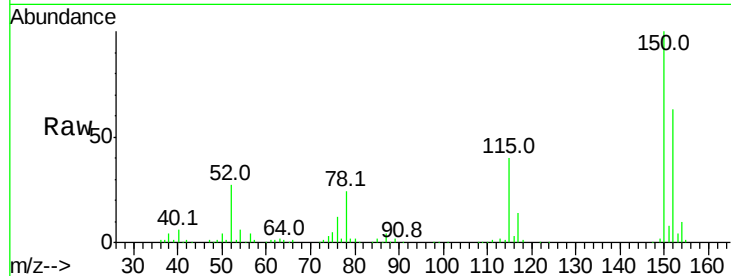


#1

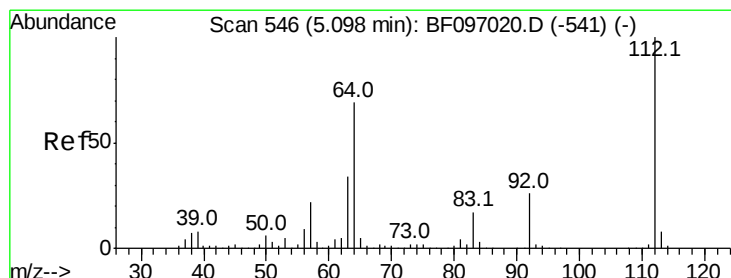
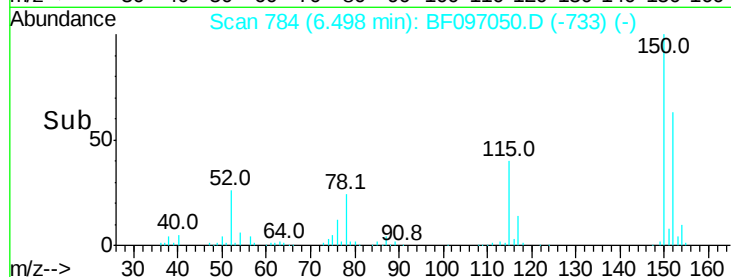
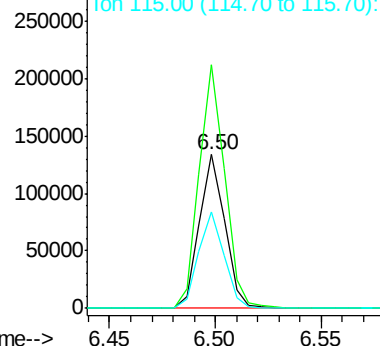
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097050.D
Acq: 26 Jul 2017 1:02

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



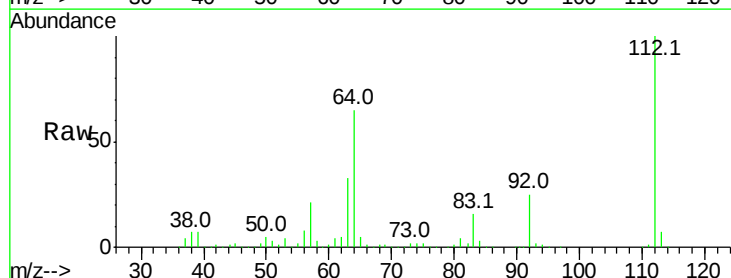
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



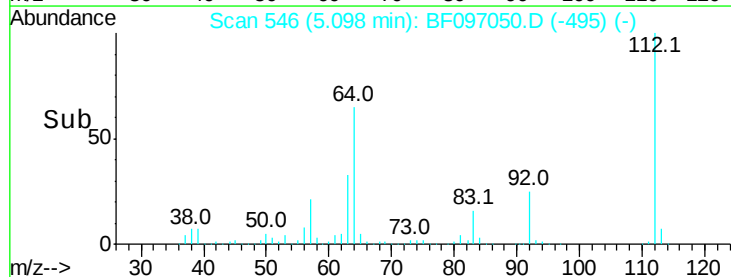
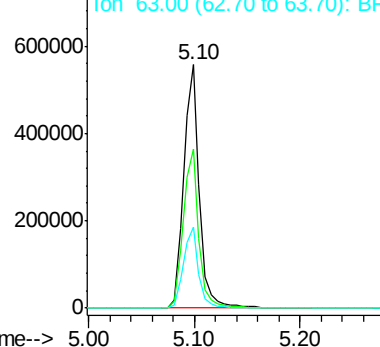
#5

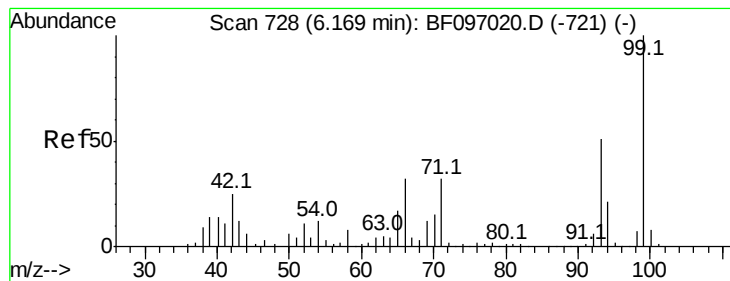
2-Fluorophenol
Concen: 78.499 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097050.D
Acq: 26 Jul 2017 1:02

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: 87.191 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)

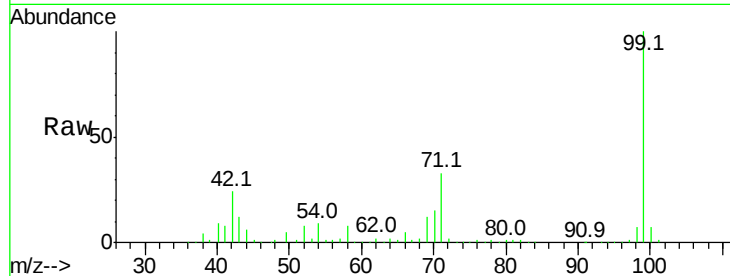
Tot Ion: 99 Resp: 736101

Ion Ratio Lower Upper

99 100

42 23.5 13.5 20.3#

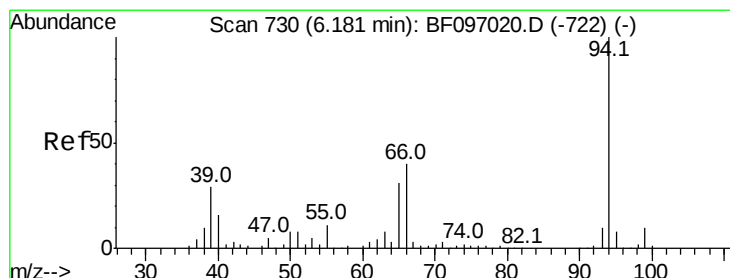
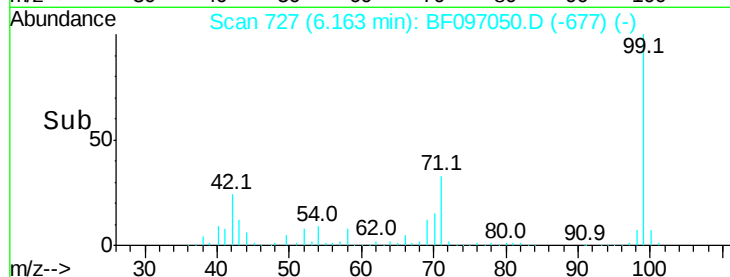
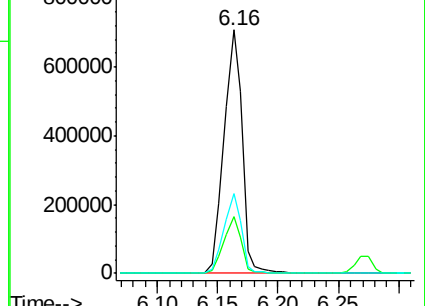
71 32.5 24.5 36.7



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: 2.618 ng

RT: 6.17 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097050.D

Acq: 26 Jul 2017 1:02

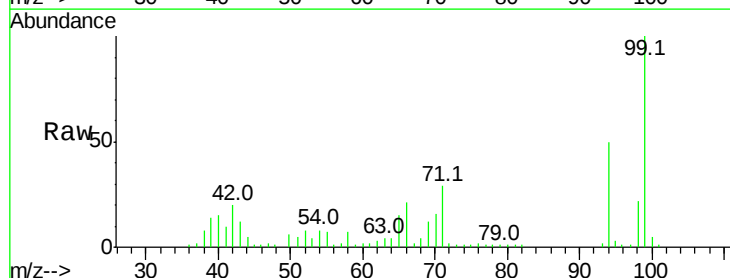
Tgt Ion: 94 Resp: 26218

Ion Ratio Lower Upper

94 100

65 29.7 9.9 49.9

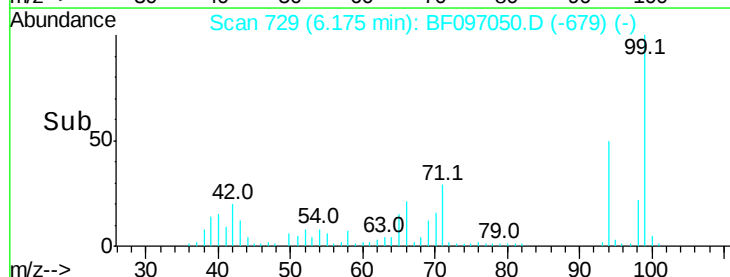
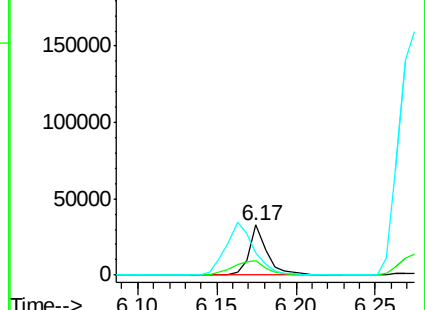
66 43.1 23.1 63.1



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

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:136 Resp: 432449

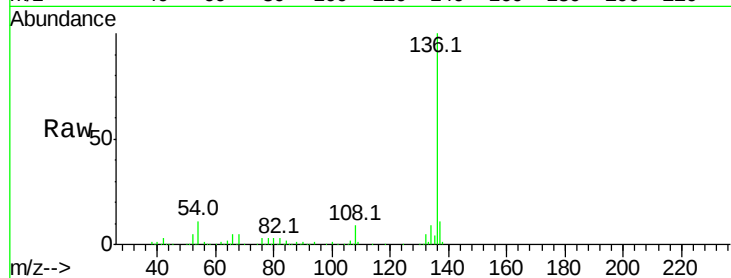
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.6 4.9 7.3#

68 5.2 4.1 6.1

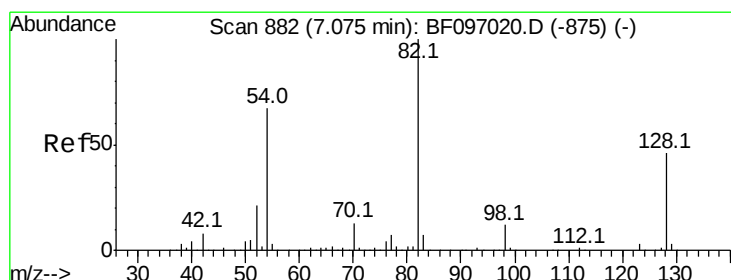
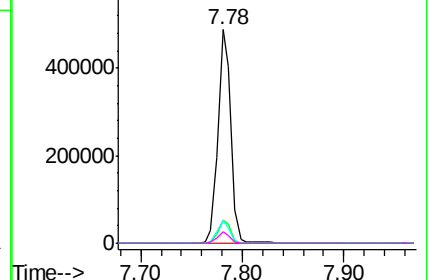
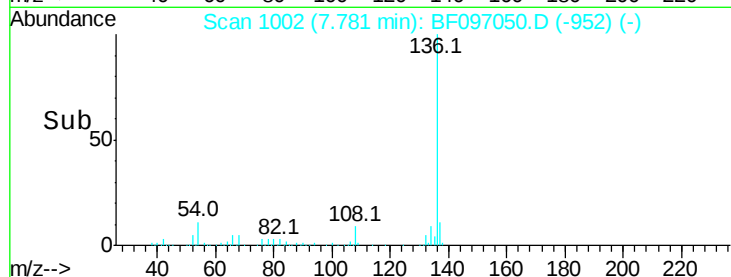


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.531 ng

RT: 7.07 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF097050.D

Acq: 26 Jul 2017 1:02

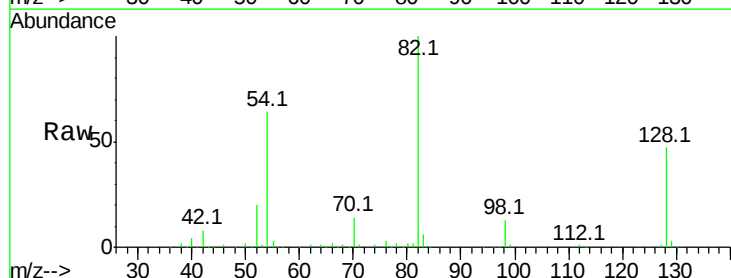
Tgt Ion: 82 Resp: 409351

Ion Ratio Lower Upper

82 100

128 47.2 34.0 51.0

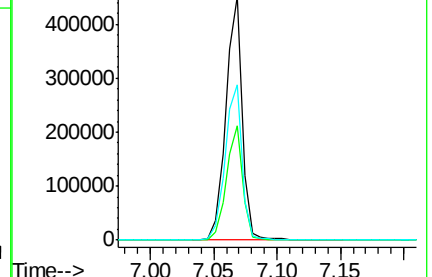
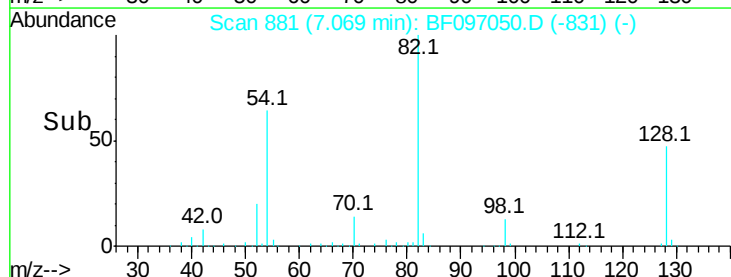
54 63.6 42.2 63.2#

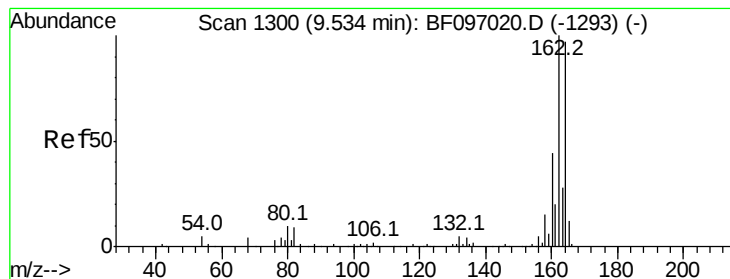


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.53 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)

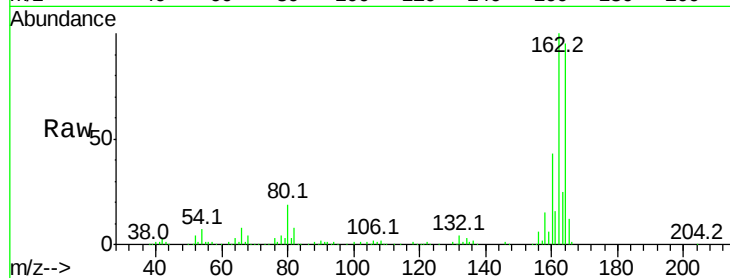
Tot Ion:164 Resp: 164021

Ion Ratio Lower Upper

164 100

162 104.9 82.6 123.8

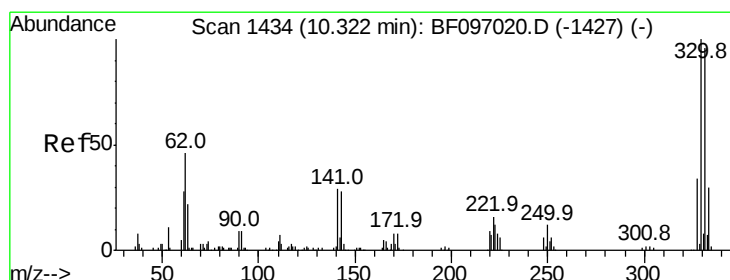
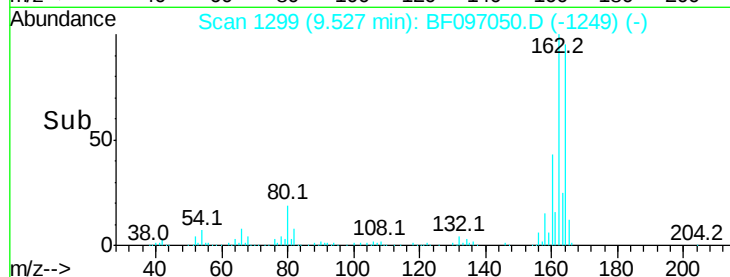
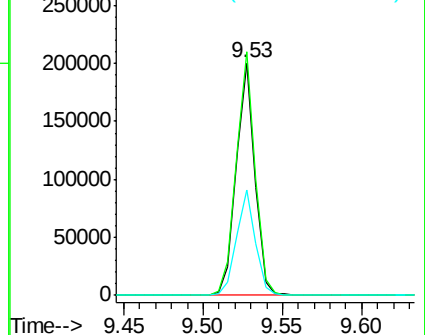
160 45.4 36.2 54.2



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: 86.135 ng

RT: 10.32 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF097050.D

Acq: 26 Jul 2017 1:02

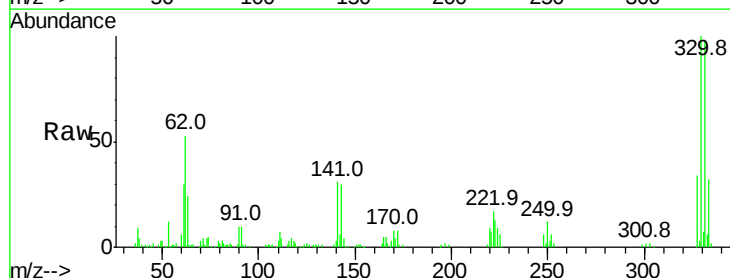
Tgt Ion:330 Resp: 111624

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

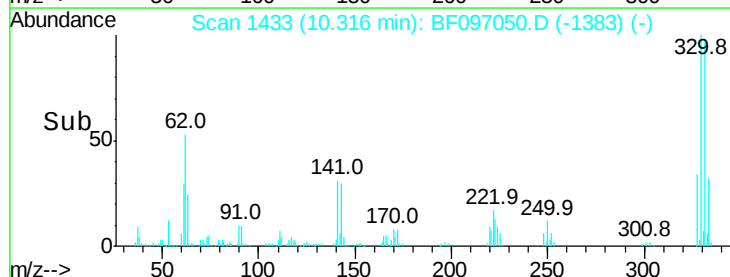
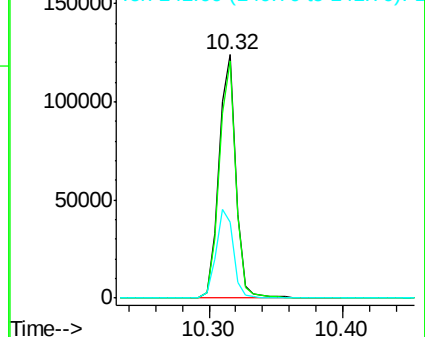
141 37.4 31.4 47.2



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

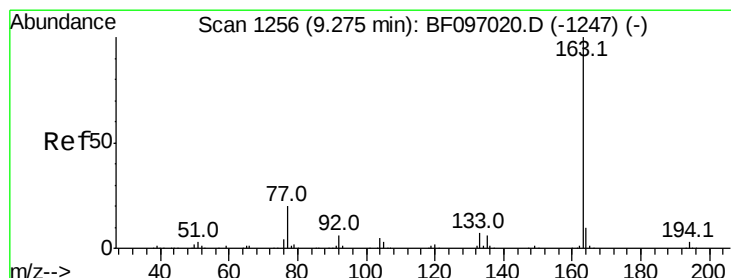
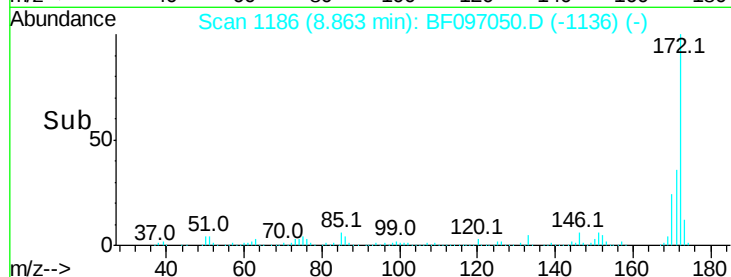
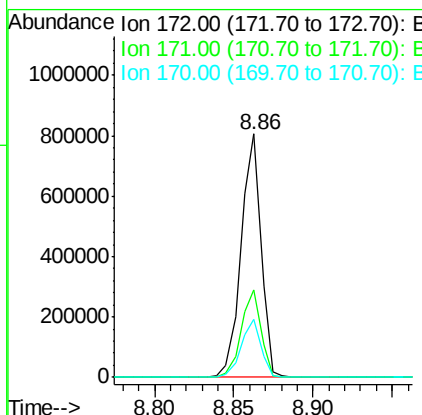
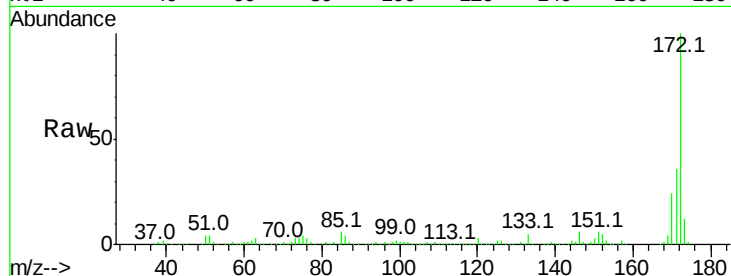




#44
2-Fluorobiphenyl
Concen: 72.906 ng
RT: 8.86 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF097050.D
Acq: 26 Jul 2017 1:02

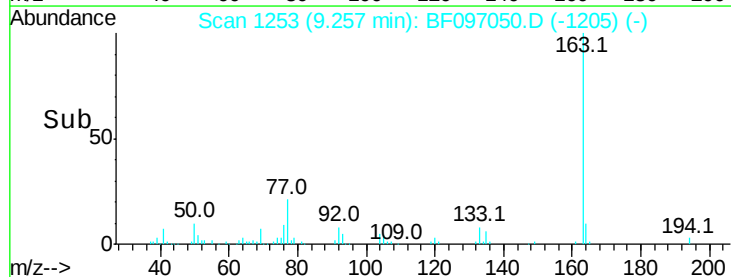
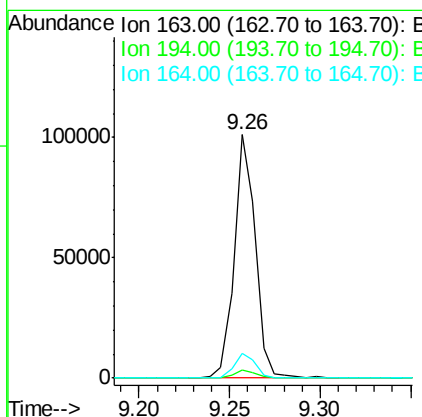
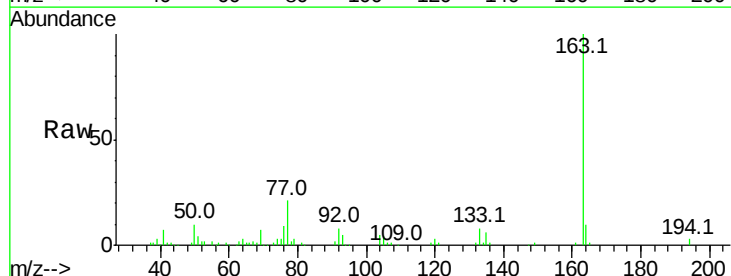
Instrument :
BNA_F
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CEMETERY-5-(0-2)

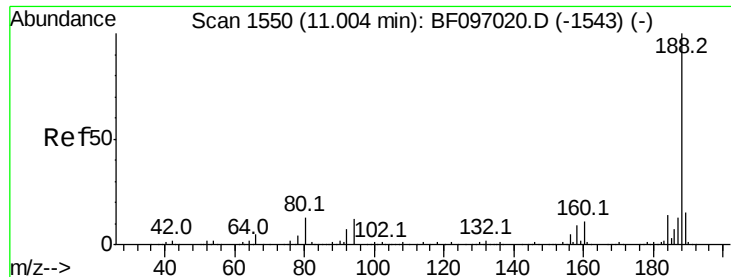
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.0	19.8	29.8



#49
Dimethylphthalate
Concen: 6.575 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	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.3	8.4	12.6

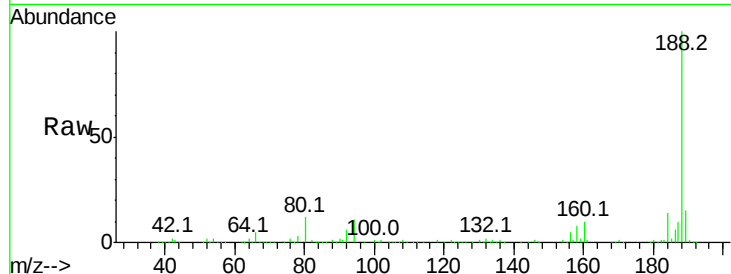




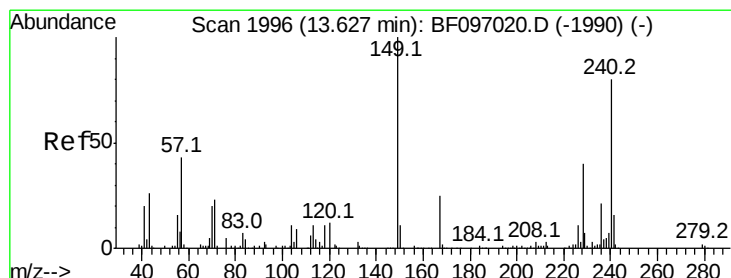
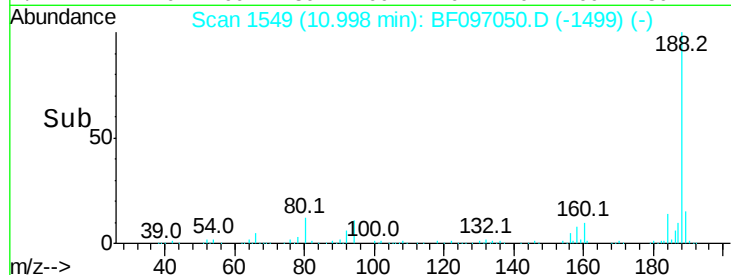
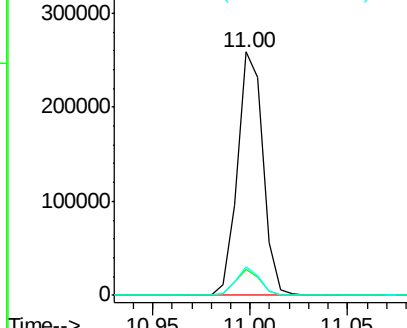
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097050.D
Acq: 26 Jul 2017 1:02

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

Tot Ion:188 Resp: 235321
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.5 10.2 15.2

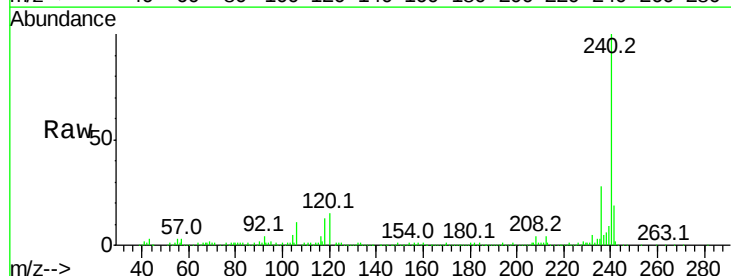


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

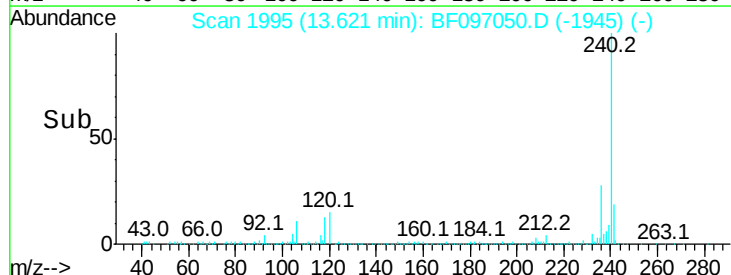
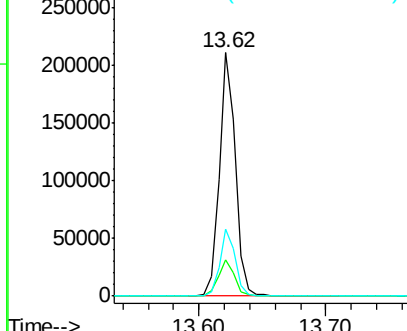


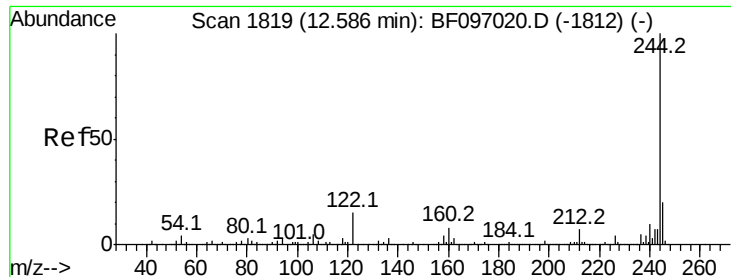
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097050.D
Acq: 26 Jul 2017 1:02

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: 46.544 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)

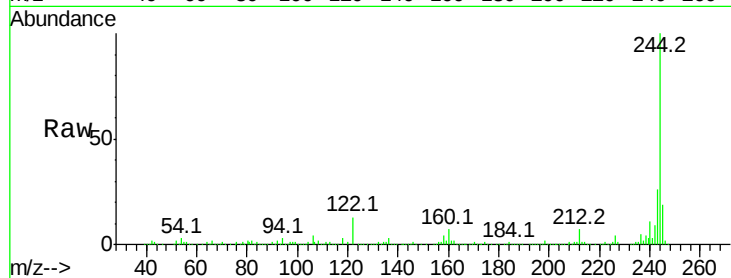
Tot Ion:244 Resp: 430335

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

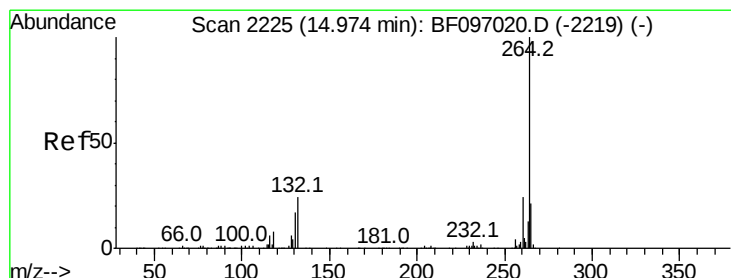
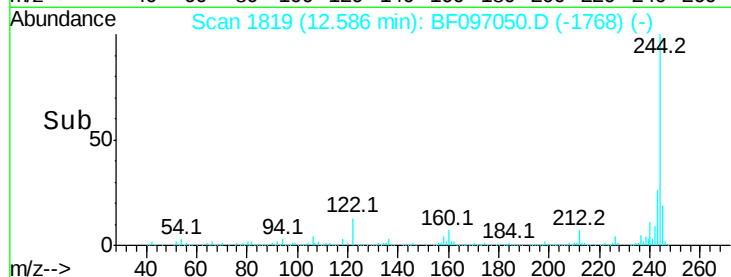
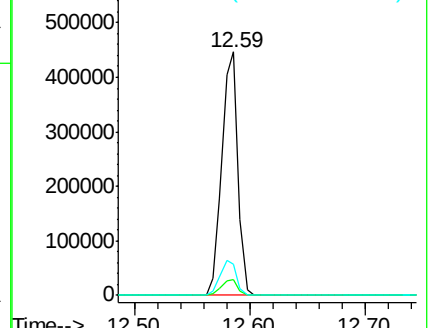
122 12.9 10.3 15.5



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: 14.97 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF097050.D

Acq: 26 Jul 2017 1:02

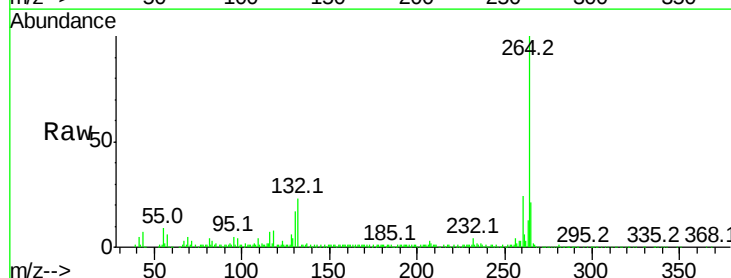
Tgt Ion:264 Resp: 137932

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.1 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

