

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097095.D
 Acq On : 27 Jul 2017 00:29
 Operator : SJ/JU
 Sample : I4359-17 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-9-(0-2)

Quant Time: Jul 27 09:09:08 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

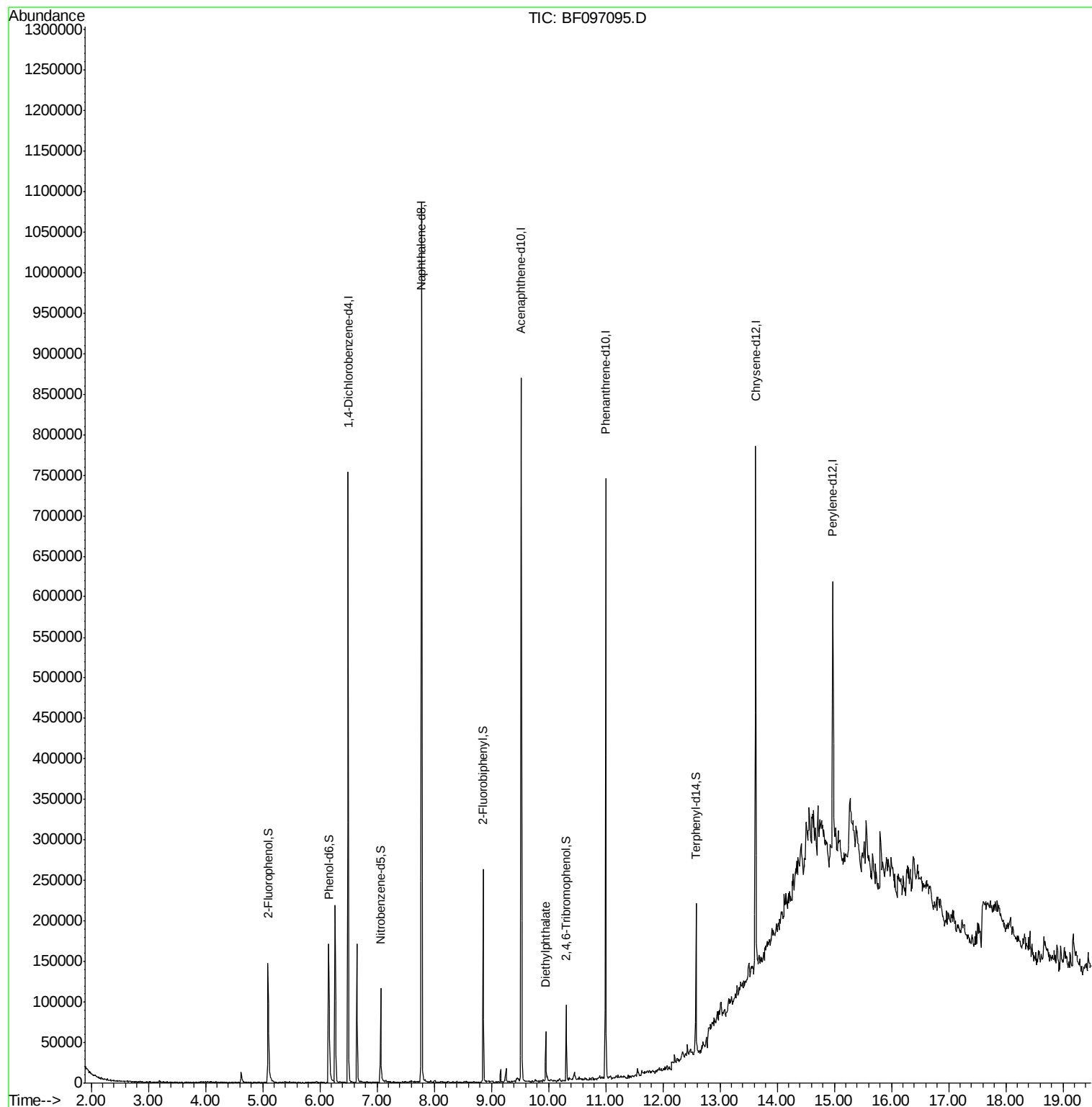
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	106976	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	476926	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	165978	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	240864	20.00	ng	0.00
75) Chrysene-d12	13.62	240	211659	20.00	ng	0.00
86) Perylene-d12	14.97	264	138314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	58576	8.25	ng	0.00
7) Phenol-d6	6.16	99	73195	9.03	ng	-0.01
23) Nitrobenzene-d5	7.06	82	40715	5.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	10297	7.85	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	78998	8.08	ng	-0.01
78) Terphenyl-d14	12.58	244	50958	4.91	ng	0.00
Target Compounds						Qvalue
59) Diethylphthalate	9.95	149	23498	2.032	ng	97

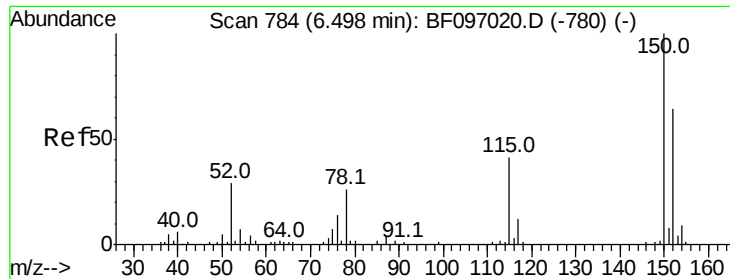
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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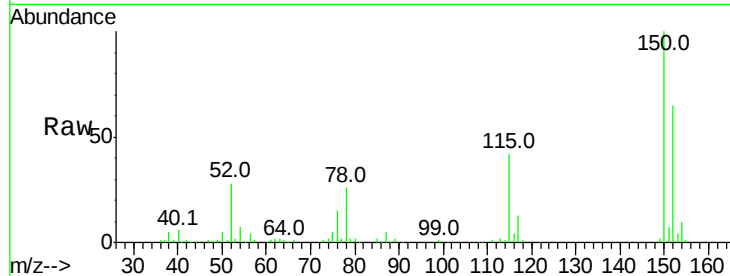


#1

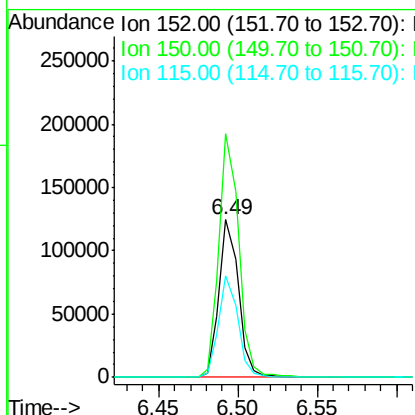
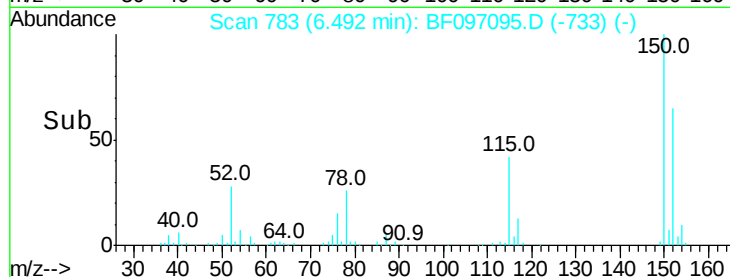
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF097095.D
 Acq: 27 Jul 2017 00:29

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-9-(0-2)

Tot Ion:152 Resp: 106976
 Ion Ratio Lower Upper
 152 100
 150 154.6 126.2 189.2
 115 64.2 52.2 78.2



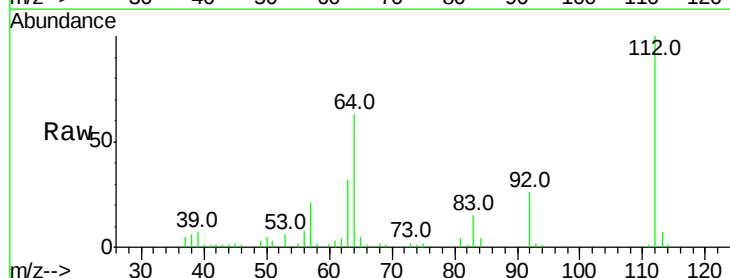
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



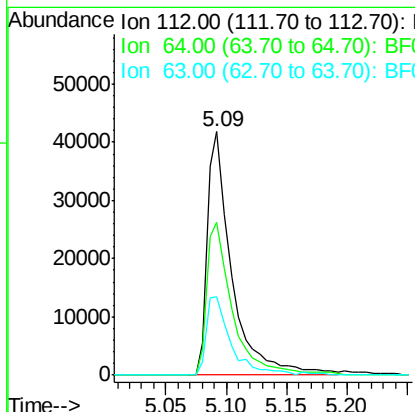
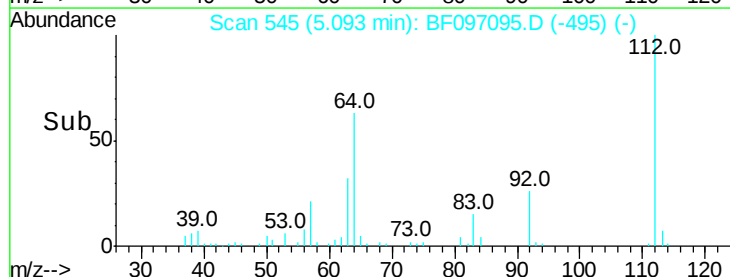
#5

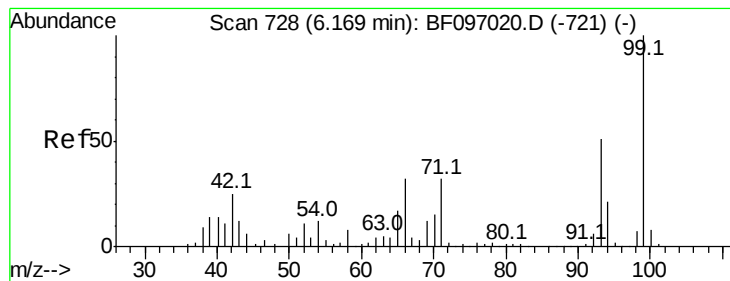
2-Fluorophenol
 Concen: 8.254 ng
 RT: 5.09 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF097095.D
 Acq: 27 Jul 2017 00:29

Tgt Ion:112 Resp: 58576
 Ion Ratio Lower Upper
 112 100
 64 63.0 46.0 69.0
 63 32.3 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: 9.035 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097095.D

Acq: 27 Jul 2017 00:29

Instrument :

BNA_F

ClientSampleId :

CEMETERY-9-(0-2)

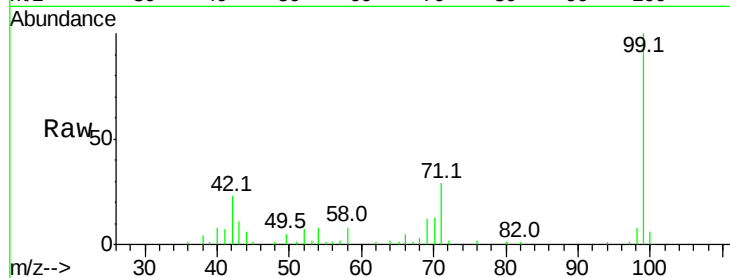
Tot Ion: 99 Resp: 73195

Ion Ratio Lower Upper

99 100

42 23.5 13.5 20.3#

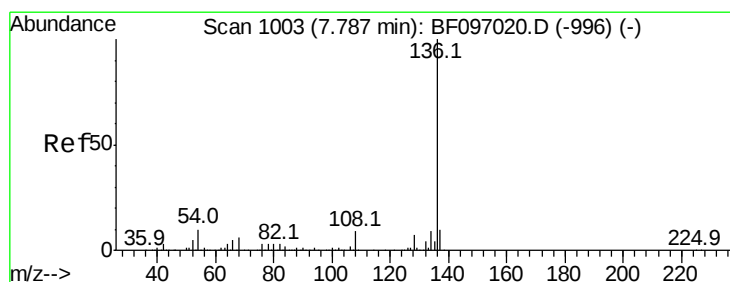
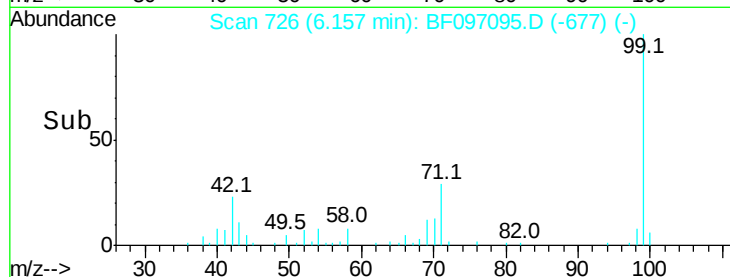
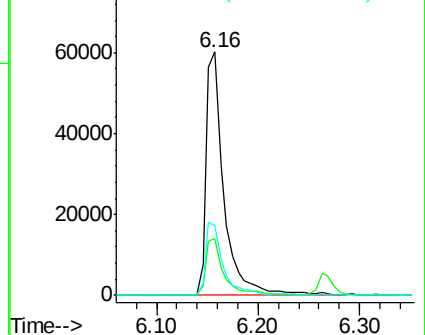
71 28.8 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097095.D

Acq: 27 Jul 2017 00:29

Tgt Ion: 136 Resp: 476926

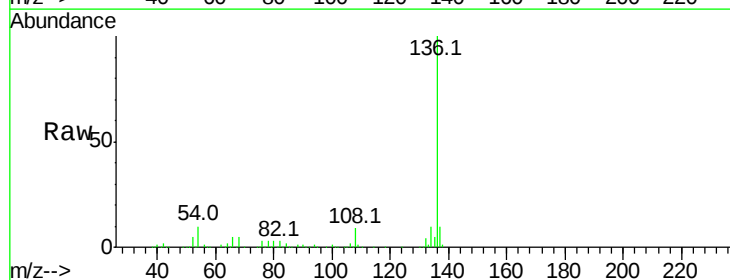
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 9.7 4.9 7.3#

68 5.0 4.1 6.1

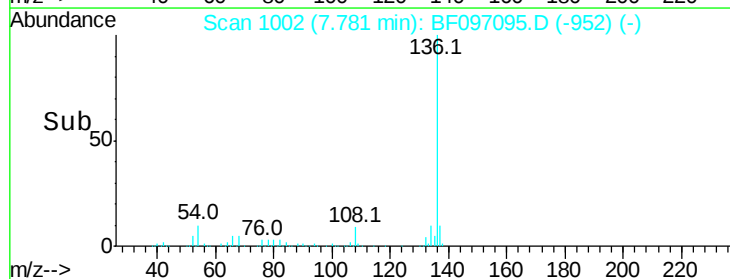
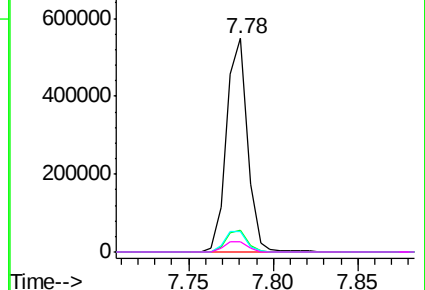


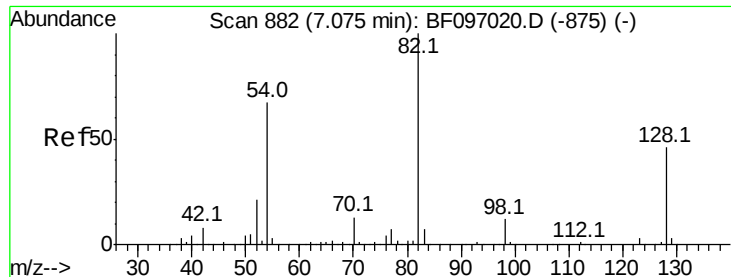
Abundance Ion 136.00 (135.70 to 136.70): E

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

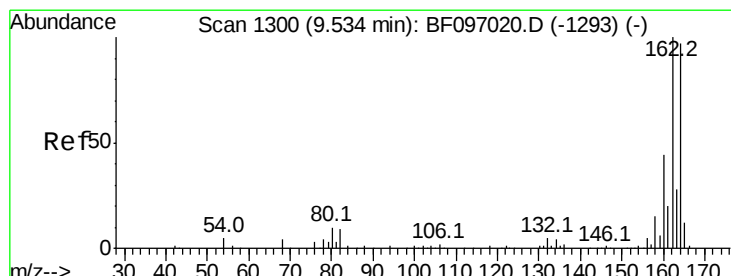
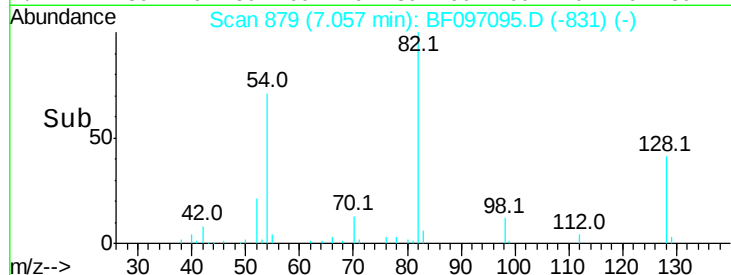
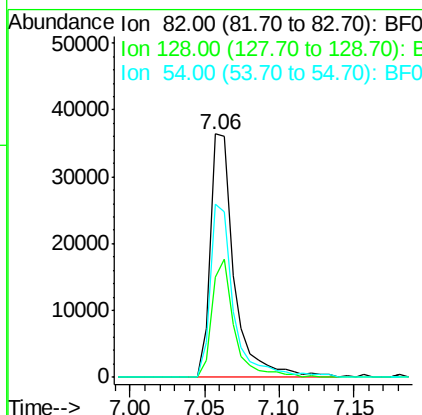
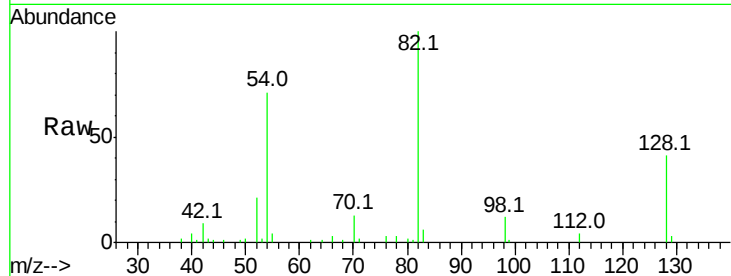




#23
 Nitrobenzene-d5
 Concen: 5.008 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF097095.D
 Acq: 27 Jul 2017 00:29

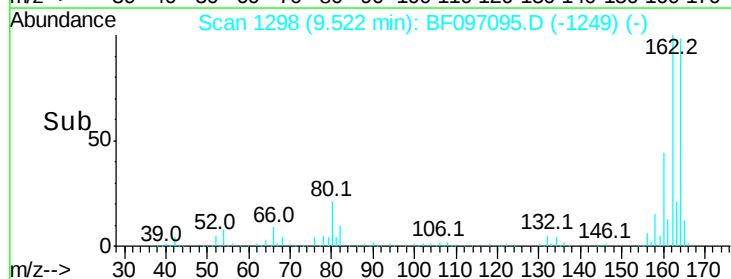
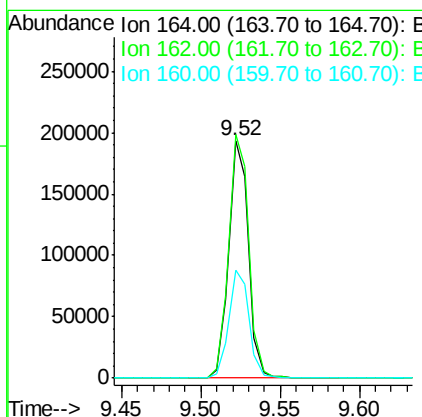
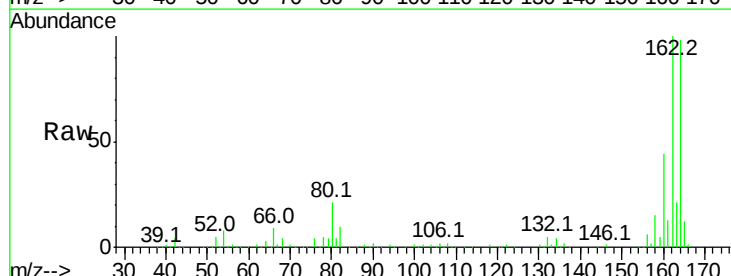
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-9-(0-2)

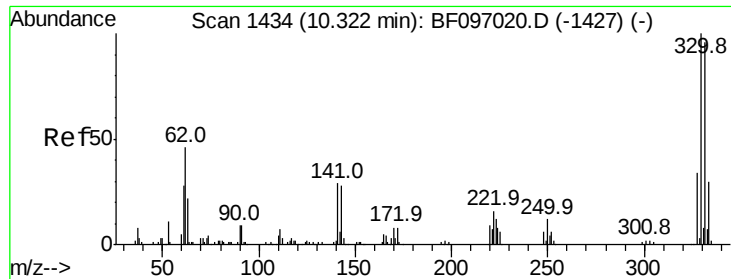
Tot Ion: 82 Resp: 40715
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.0 51.0
 54 70.9 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF097095.D
 Acq: 27 Jul 2017 00:29

Tgt Ion: 164 Resp: 165978
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 45.5 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 7.852 ng

RT: 10.31 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF097095.D

Acq: 27 Jul 2017 00:29

Instrument :

BNA_F

ClientSampleId :

CEMETERY-9-(0-2)

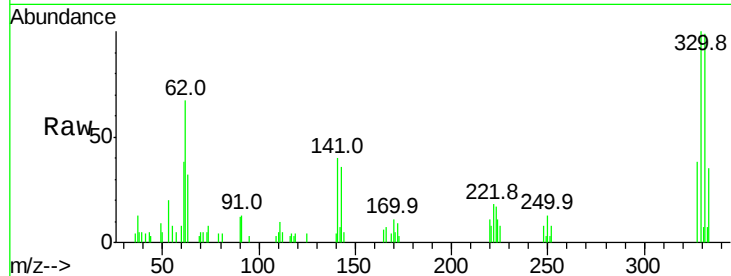
Tot Ion:330 Resp: 10297

Ion Ratio Lower Upper

330 100

332 100.7 76.6 115.0

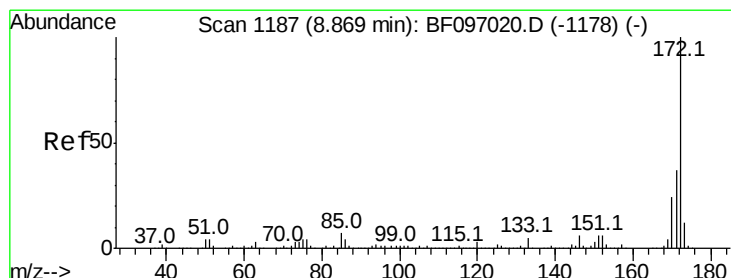
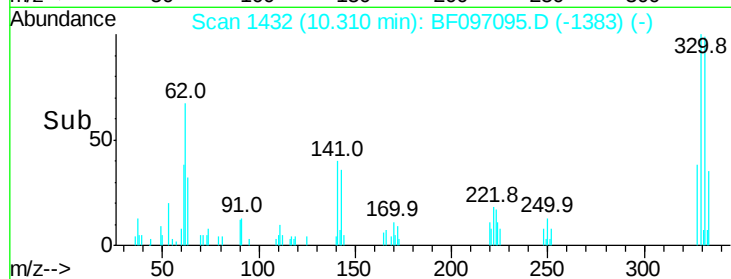
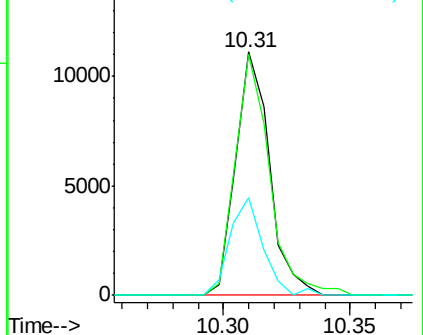
141 39.5 31.4 47.2



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: 8.077 ng

RT: 8.86 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF097095.D

Acq: 27 Jul 2017 00:29

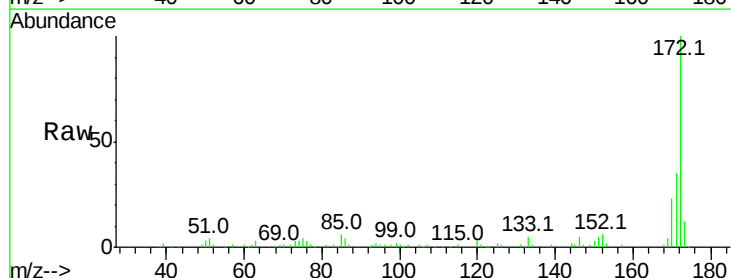
Tgt Ion:172 Resp: 78998

Ion Ratio Lower Upper

172 100

171 35.0 29.6 44.4

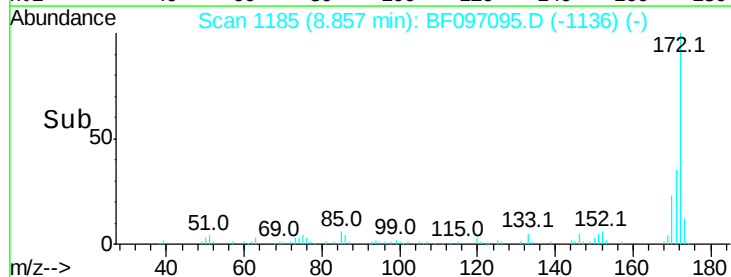
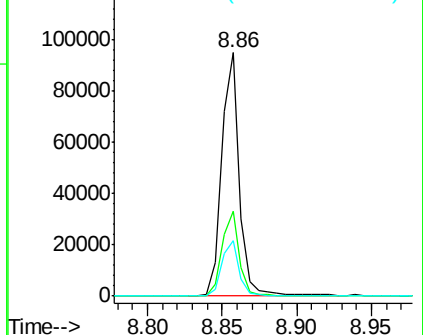
170 22.8 19.8 29.8

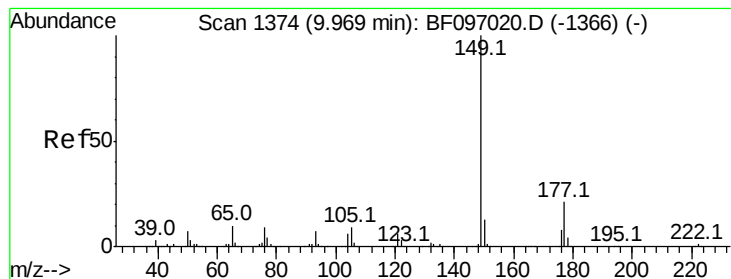


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#59

Diethylphthalate

Concen: 2.032 ng

RT: 9.95 min Scan# 1371

Delta R.T. -0.02 min

Lab File: BF097095.D

Acq: 27 Jul 2017 00:29

Instrument :

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ClientSampleId :

CEMETERY-9-(0-2)

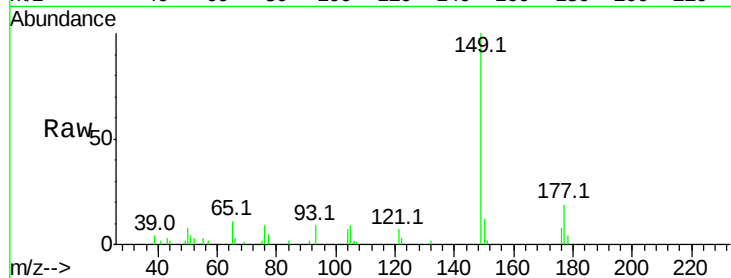
Tot Ion:149 Resp: 23498

Ion Ratio Lower Upper

149 100

177 18.7 16.7 25.1

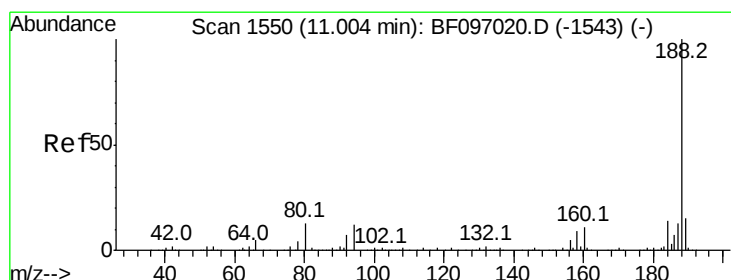
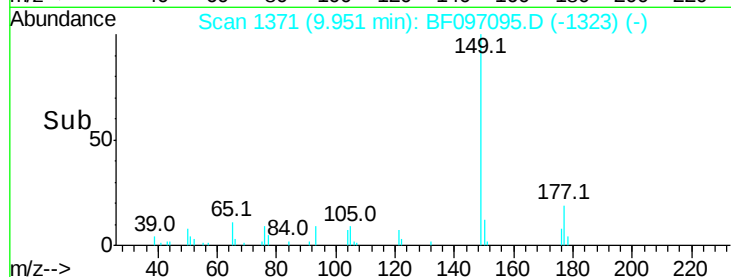
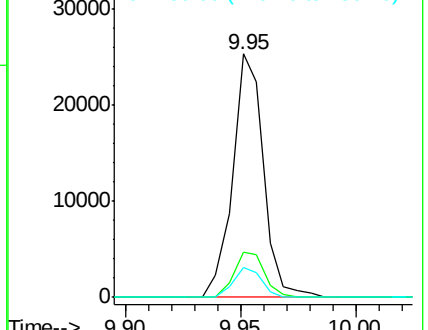
150 12.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.00 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF097095.D

Acq: 27 Jul 2017 00:29

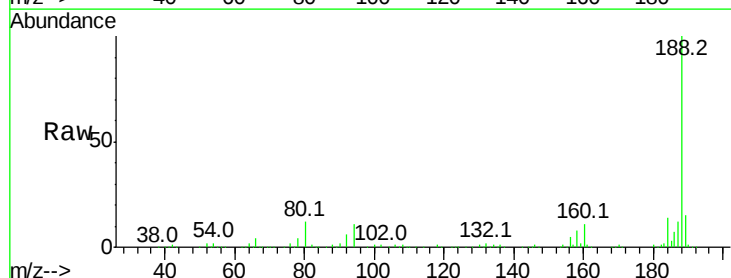
Tgt Ion:188 Resp: 240864

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

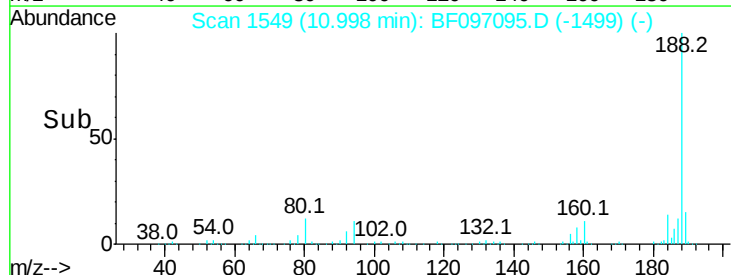
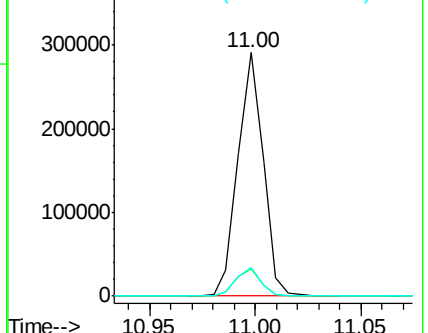
80 11.7 10.2 15.2

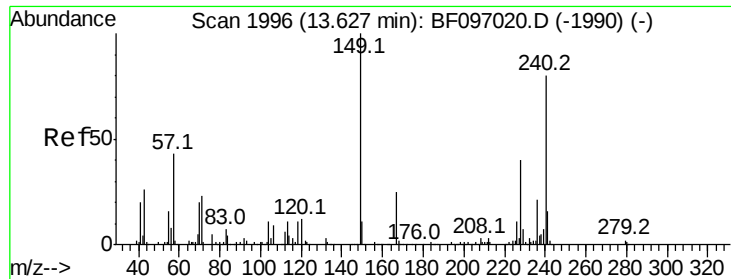


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF097095.D

Acq: 27 Jul 2017 00:29

Instrument :

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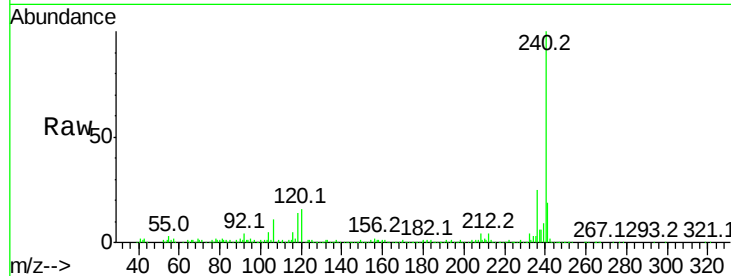
Tot Ion:240 Resp: 211659

Ion Ratio Lower Upper

240 100

120 16.4 5.8 8.8#

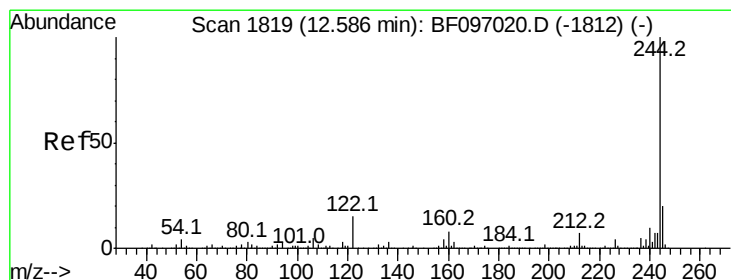
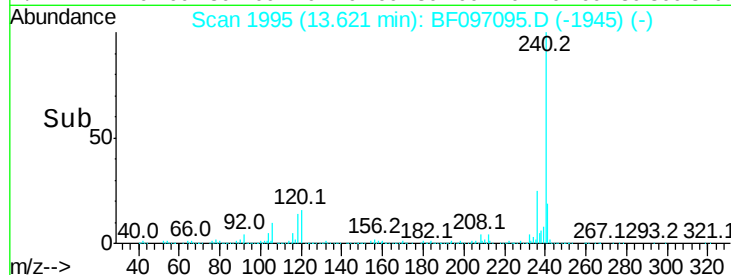
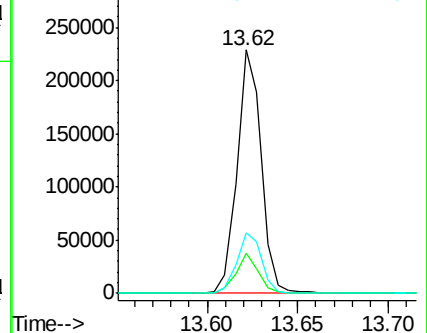
236 25.1 20.5 30.7



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: 4.909 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097095.D

Acq: 27 Jul 2017 00:29

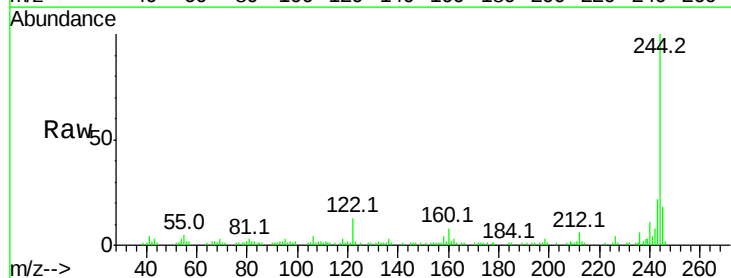
Tgt Ion:244 Resp: 50958

Ion Ratio Lower Upper

244 100

212 6.2 6.0 9.0

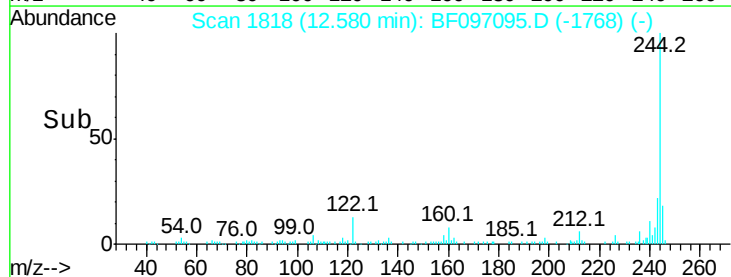
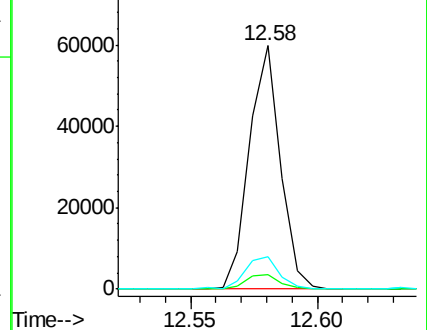
122 13.1 10.3 15.5

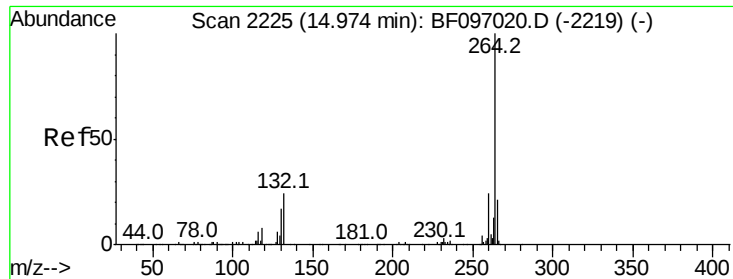


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

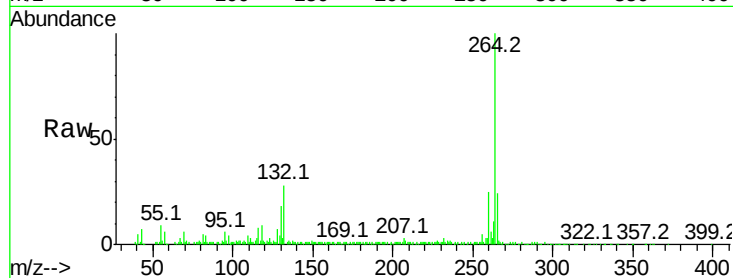




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097095.D
Acq: 27 Jul 2017 00:29

Instrument :
BNA_F
ClientSampleId :
CEMETERY-9-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	23.7	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

