

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF097011.D
 Acq On : 25 Jul 2017 3:17
 Operator : SJ/JU
 Sample : I4360-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-11-(0-2)

Quant Time: Jul 25 04:01:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

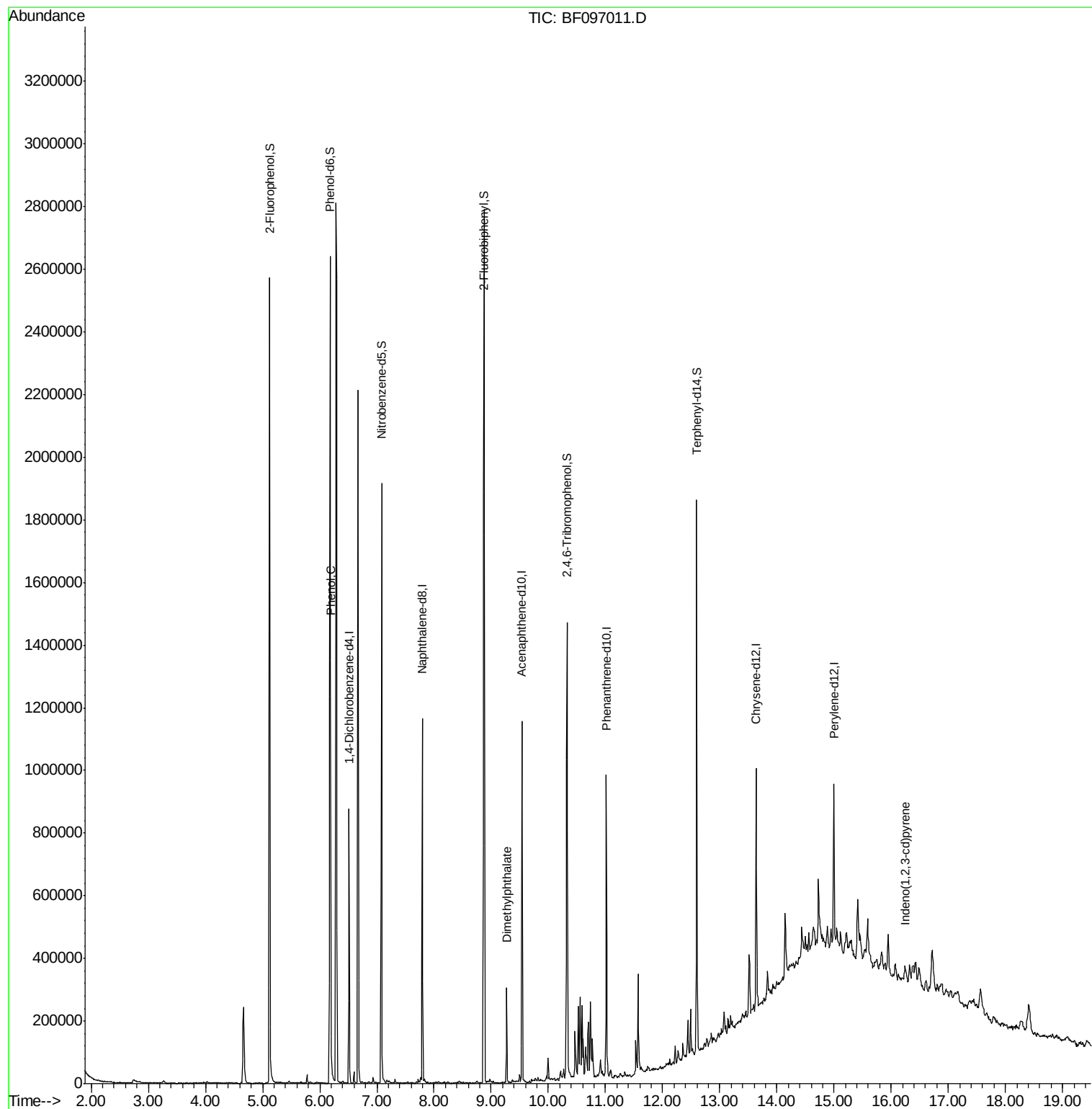
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	135961	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	542648	20.00	ng	-0.03
38) Acenaphthene-d10	9.54	164	219006	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	321784	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	246252	20.00	ng	-0.04
86) Perylene-d12	15.00	264	220664	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	760149	84.06	ng	-0.03
7) Phenol-d6	6.18	99	981456	90.45	ng	-0.04
23) Nitrobenzene-d5	7.08	82	589892	67.33	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	154710	82.76	ng	-0.04
44) 2-Fluorobiphenyl	8.87	172	904370	65.24	ng	-0.04
78) Terphenyl-d14	12.60	244	542376	38.20	ng	-0.04
Target Compounds						
10) Phenol	6.19	94	32830	2.676	ng	100
49) Dimethylphthalate	9.27	163	118869	7.208	ng	99
85) Indeno(1,2,3-cd)pyrene	16.23	276	8252	3.897	ng	# 84

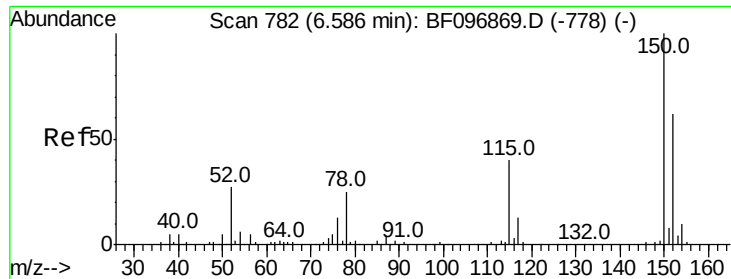
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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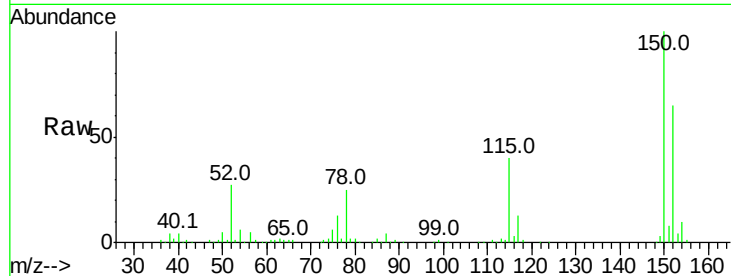


#1

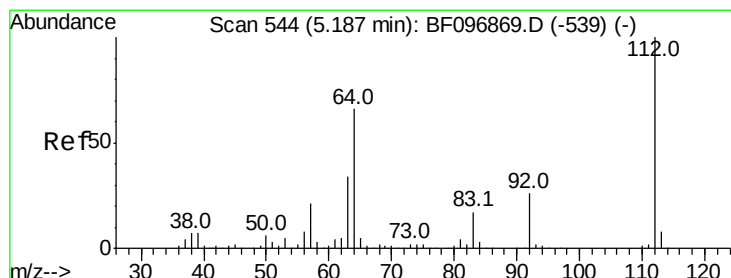
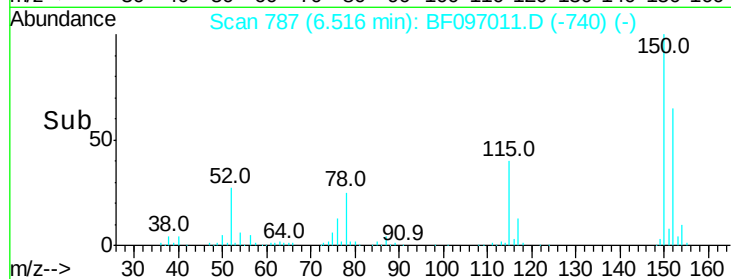
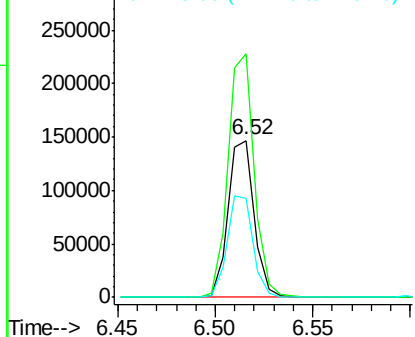
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF097011.D
 Acq: 25 Jul 2017 3:17

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-11-(0-2)

Tot Ion:152 Resp: 135961
 Ion Ratio Lower Upper
 152 100
 150 155.0 126.2 189.2
 115 62.8 52.2 78.2



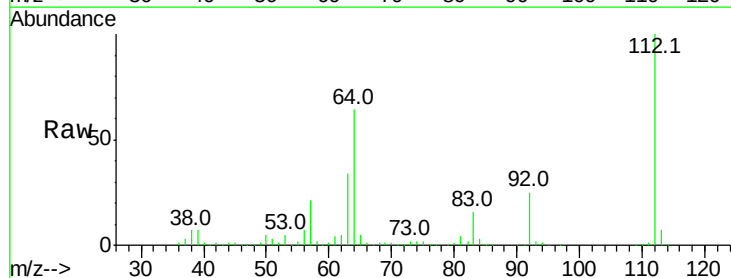
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



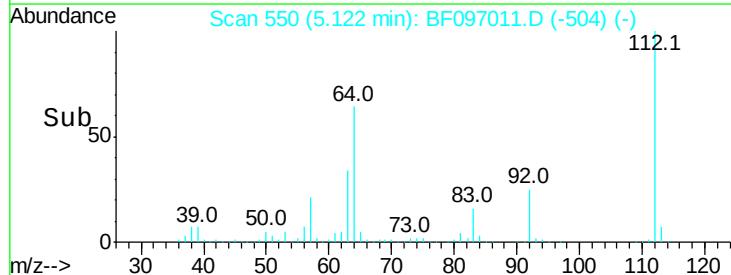
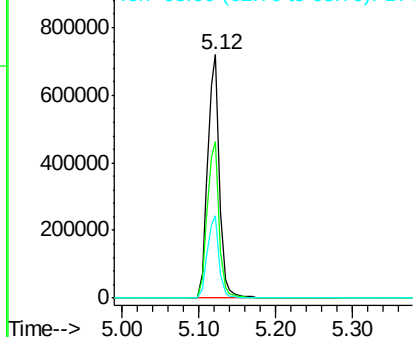
#5

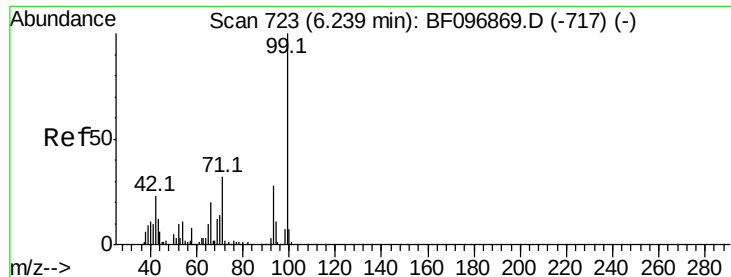
2-Fluorophenol
 Concen: 84.064 ng
 RT: 5.12 min Scan# 550
 Delta R.T. -0.03 min
 Lab File: BF097011.D
 Acq: 25 Jul 2017 3:17

Tgt Ion:112 Resp: 760149
 Ion Ratio Lower Upper
 112 100
 64 64.4 46.0 69.0
 63 33.6 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: 90.447 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF097011.D

Acq: 25 Jul 2017 3:17

Instrument :

BNA_F

ClientSampleId :

CEMETERY-11-(0-2)

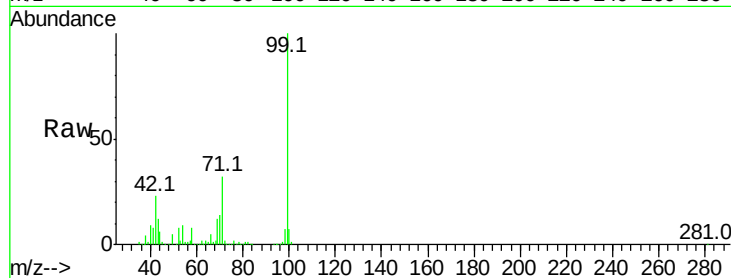
Tot Ion: 99 Resp: 981456

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

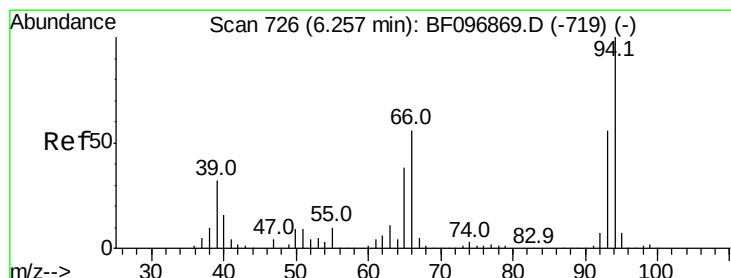
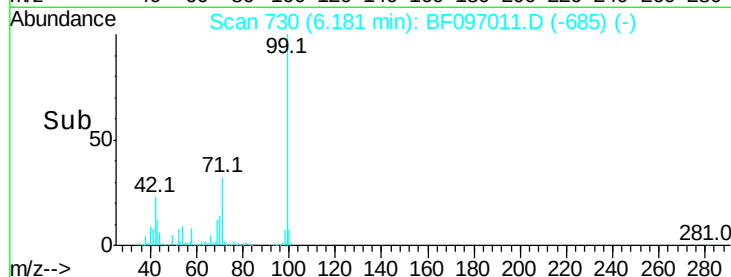
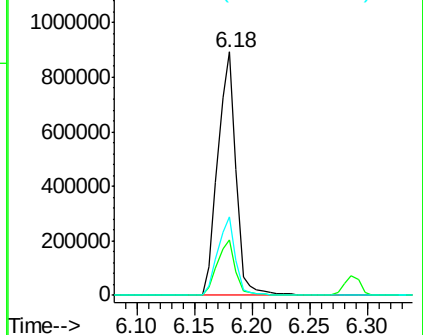
71 32.2 24.5 36.7



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: 2.676 ng

RT: 6.19 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF097011.D

Acq: 25 Jul 2017 3:17

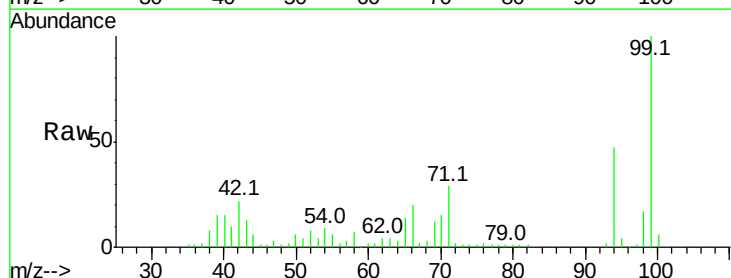
Tgt Ion: 94 Resp: 32830

Ion Ratio Lower Upper

94 100

65 30.3 9.9 49.9

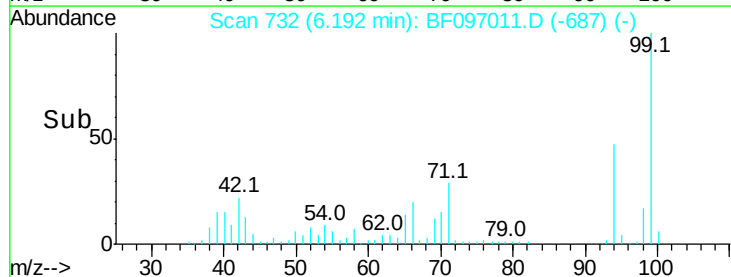
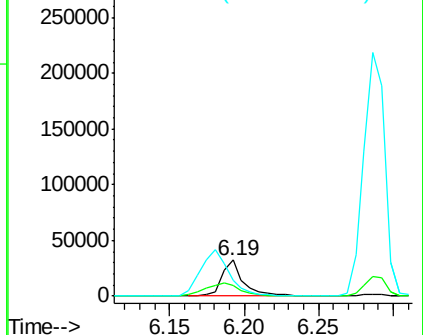
66 43.1 23.1 63.1

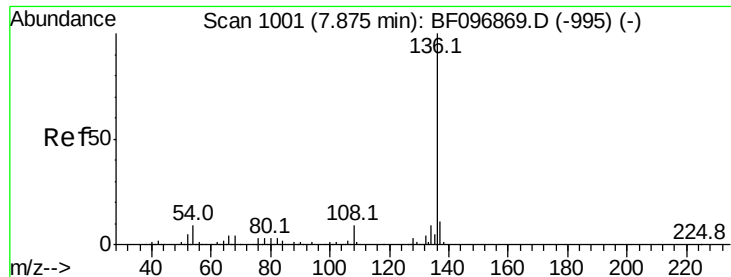


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

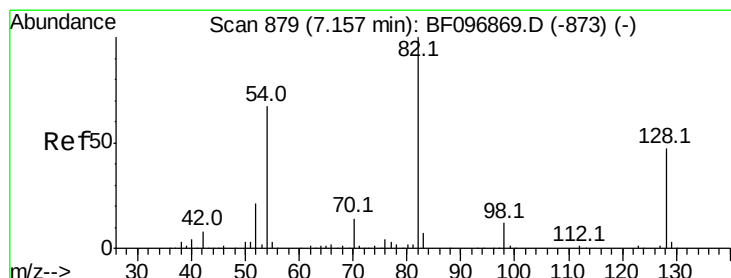
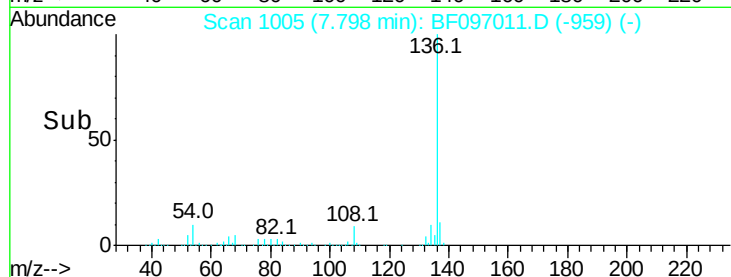
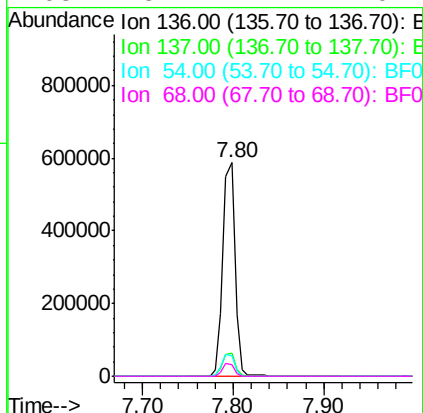
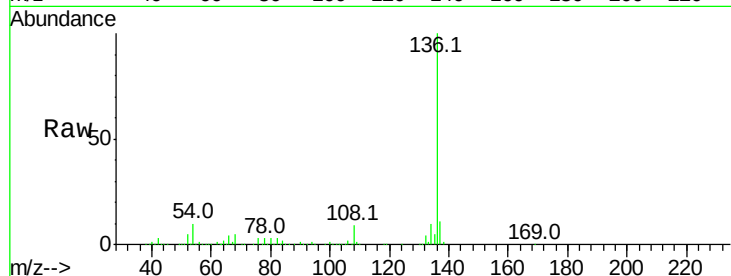




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.80 min Scan# 1005
Delta R.T. -0.03 min
Lab File: BF097011.D
Acq: 25 Jul 2017 3:17

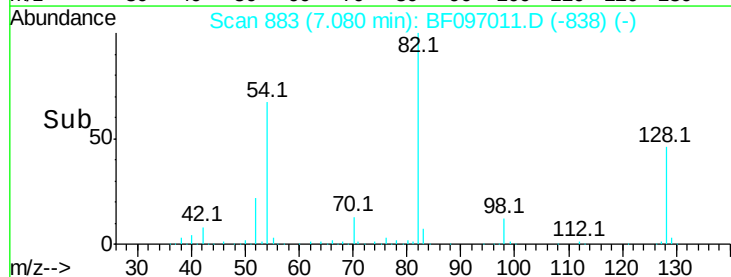
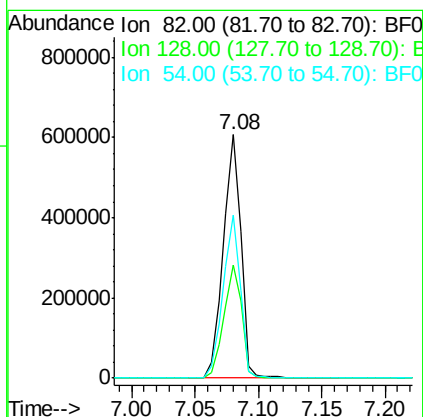
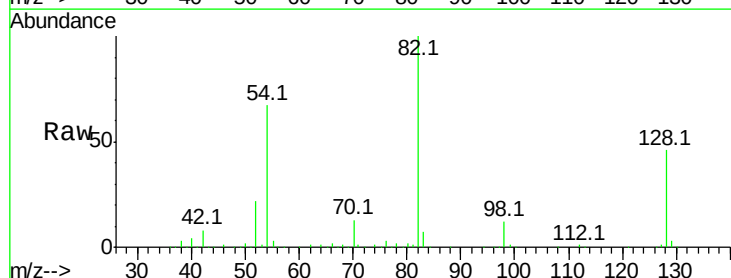
Instrument :
BNA_F
ClientSampleId :
CEMETERY-11-(0-2)

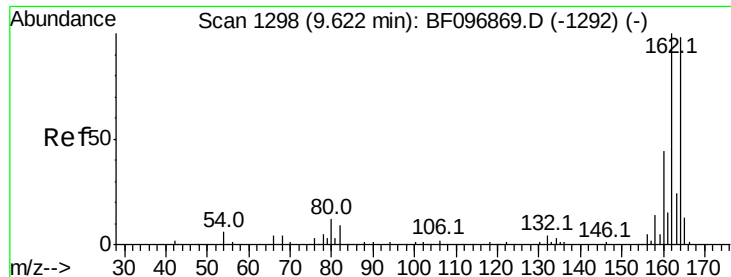
Tot Ion:	136	Resp:	542648
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.9	4.9	7.3#
68	5.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 67.334 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.04 min
Lab File: BF097011.D
Acq: 25 Jul 2017 3:17

Tgt Ion:	82	Resp:	589892
Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	66.9	42.2	63.2#

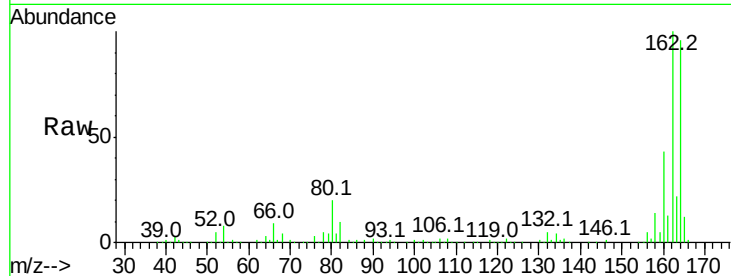




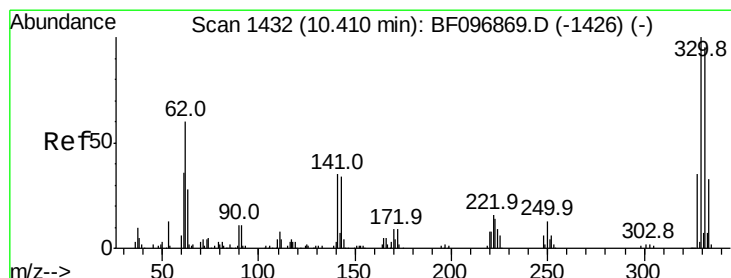
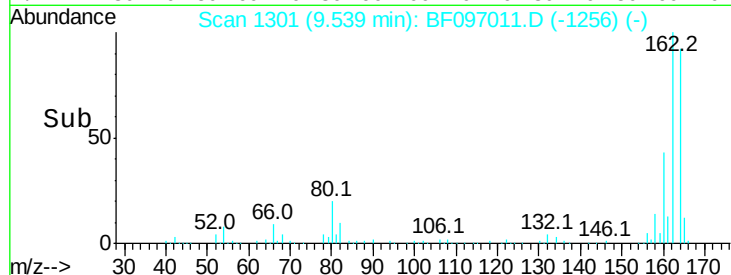
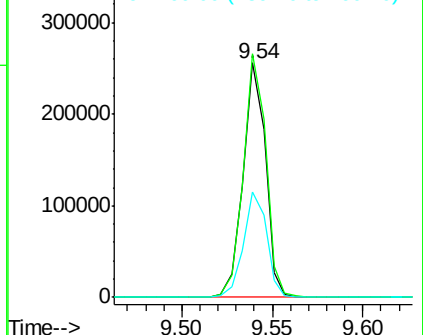
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BF097011.D
Acq: 25 Jul 2017 3:17

Instrument :
BNA_F
ClientSampleId :
CEMETERY-11-(0-2)

Tot Ion:164 Resp: 219006
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 44.7 36.2 54.2

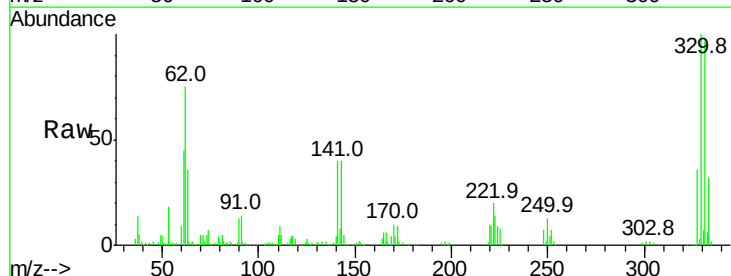


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

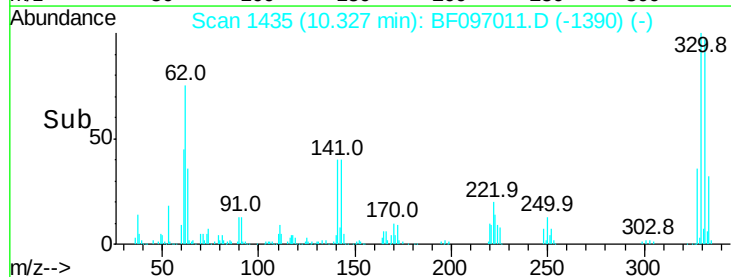
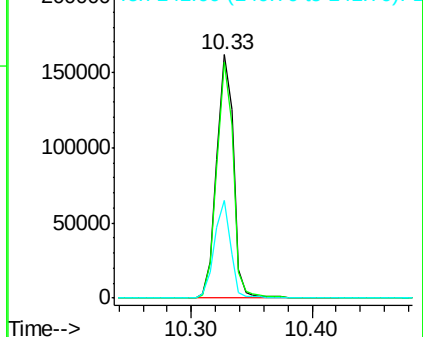


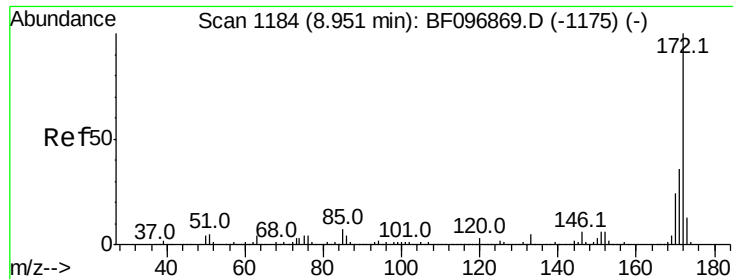
#41
2,4,6-Tribromophenol
Concen: 82.759 ng
RT: 10.33 min Scan# 1435
Delta R.T. -0.04 min
Lab File: BF097011.D
Acq: 25 Jul 2017 3:17

Tgt Ion:330 Resp: 154710
Ion Ratio Lower Upper
330 100
332 94.8 76.6 115.0
141 39.1 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

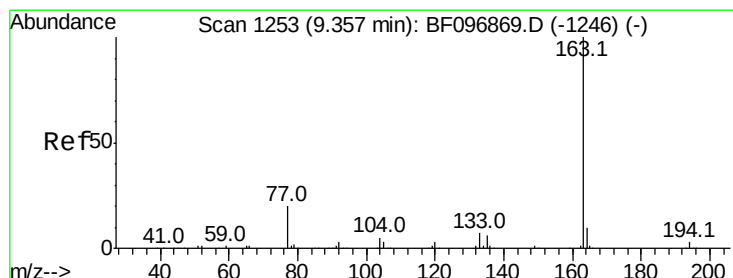
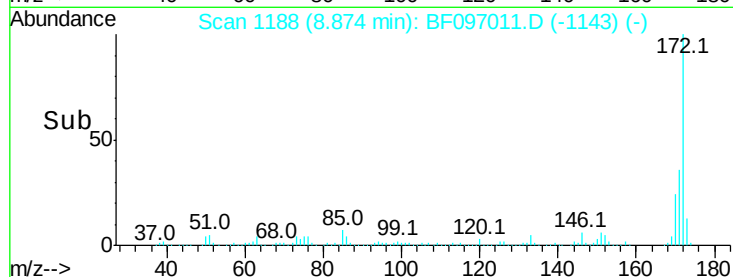
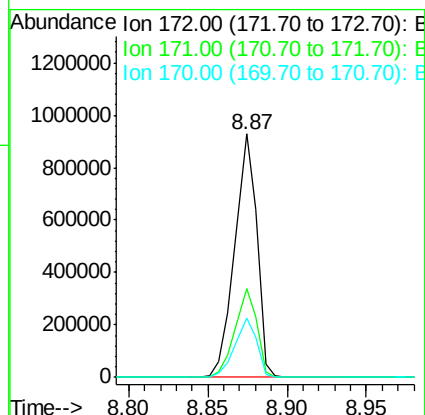
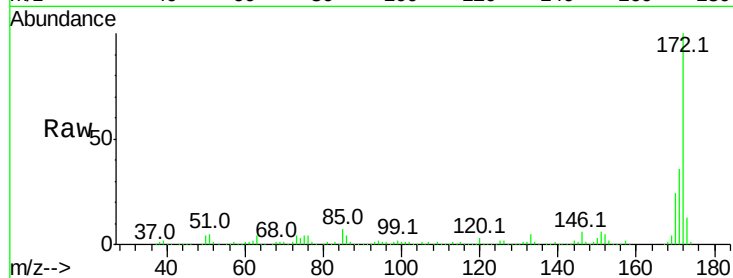




#44
 2-Fluorobiphenyl
 Concen: 65.242 ng
 RT: 8.87 min Scan# 1188
 Delta R.T. -0.04 min
 Lab File: BF097011.D
 Acq: 25 Jul 2017 3:17

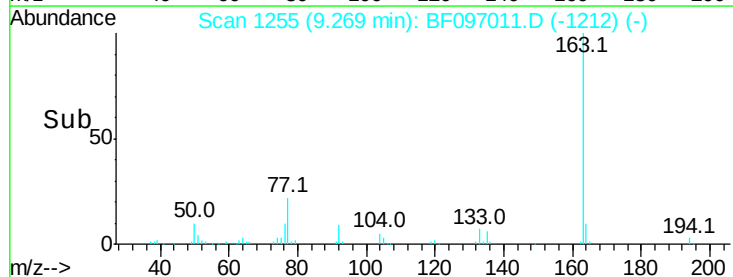
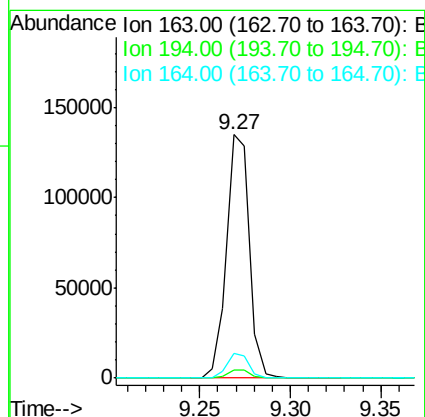
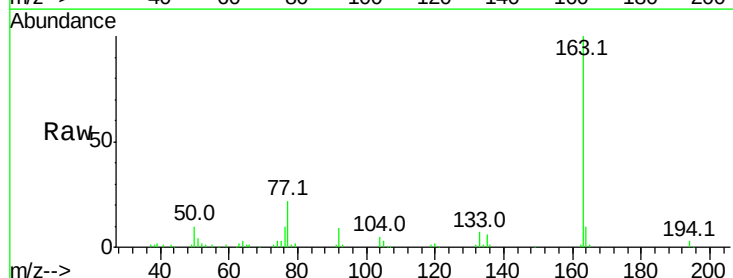
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 CEMETERY-11-(0-2)

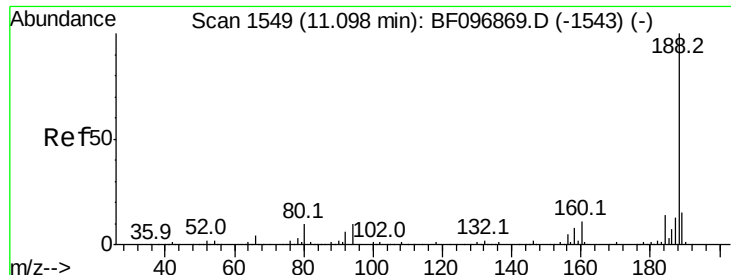
Tot Ion:172 Resp: 904370
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.3 19.8 29.8



#49
 Dimethylphthalate
 Concen: 7.208 ng
 RT: 9.27 min Scan# 1255
 Delta R.T. -0.05 min
 Lab File: BF097011.D
 Acq: 25 Jul 2017 3:17

Tgt Ion:163 Resp: 118869
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.6 4.0
 164 10.2 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.02 min Scan# 1552

Delta R.T. -0.04 min

Lab File: BF097011.D

Acq: 25 Jul 2017 3:17

Instrument :

BNA_F

ClientSampleId :

CEMETERY-11-(0-2)

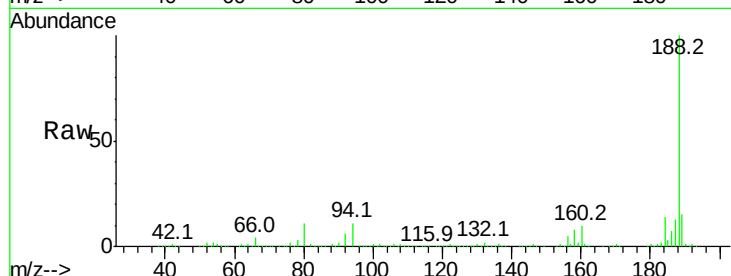
Tot Ion:188 Resp: 321784

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

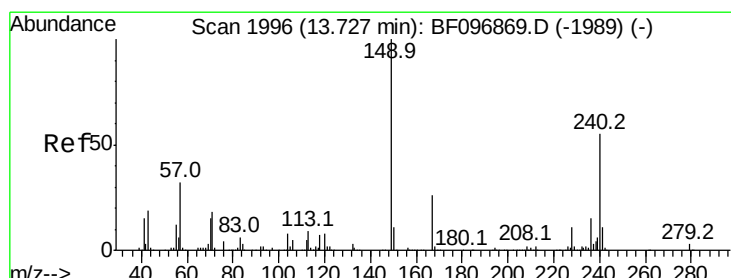
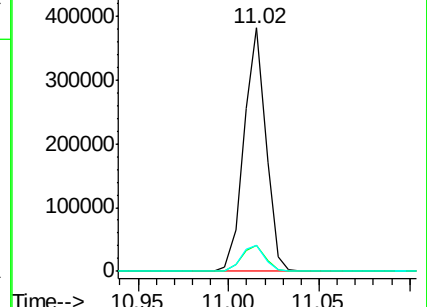
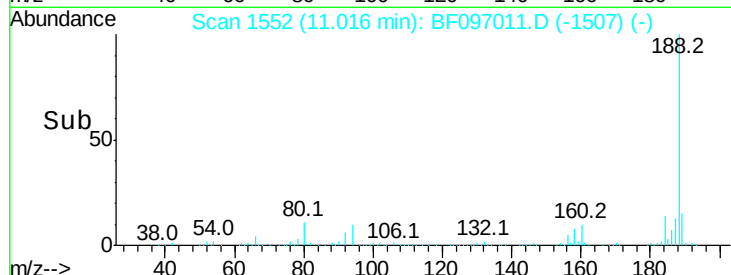
80 10.7 10.2 15.2



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: 13.64 min Scan# 1998

Delta R.T. -0.04 min

Lab File: BF097011.D

Acq: 25 Jul 2017 3:17

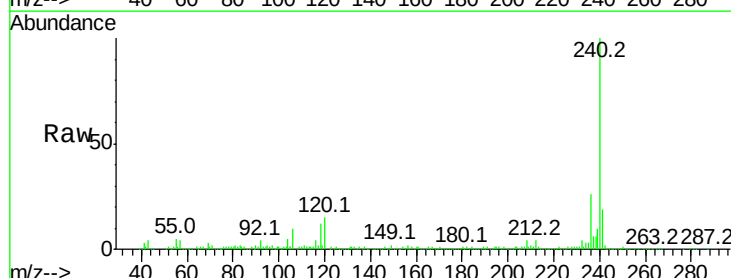
Tgt Ion:240 Resp: 246252

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

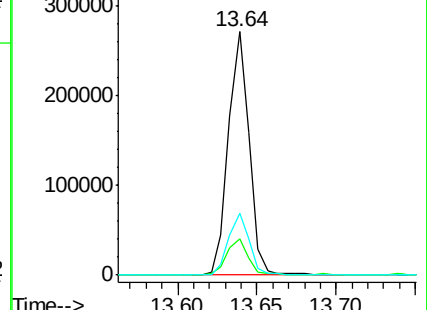
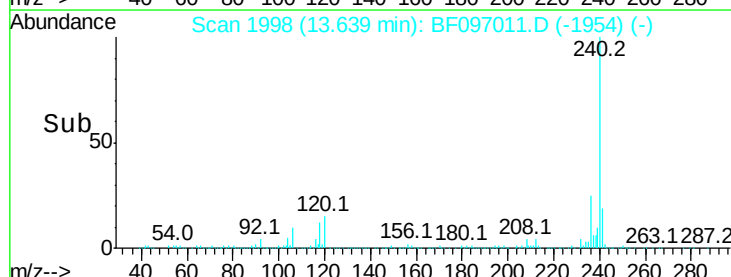
236 25.7 20.5 30.7

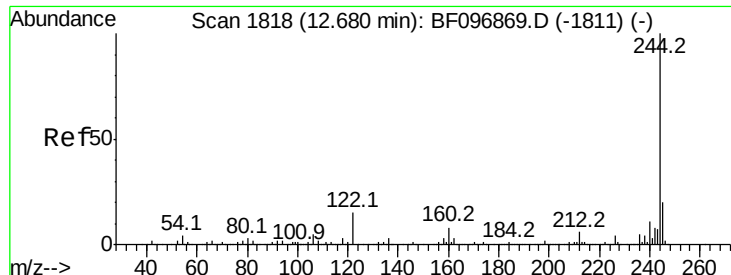


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 38.198 ng

RT: 12.60 min Scan# 1821

Delta R.T. -0.04 min

Lab File: BF097011.D

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Instrument :

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ClientSampleId :

CEMETERY-11-(0-2)

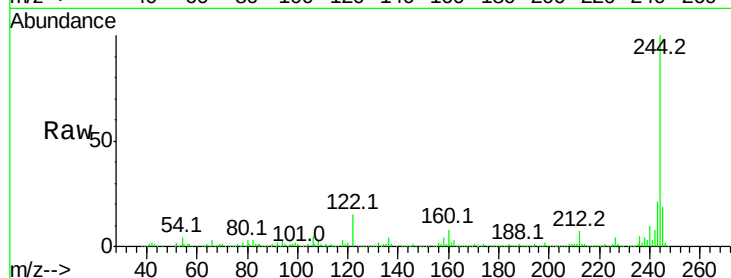
Tot Ion:244 Resp: 542376

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 15.2 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

600000

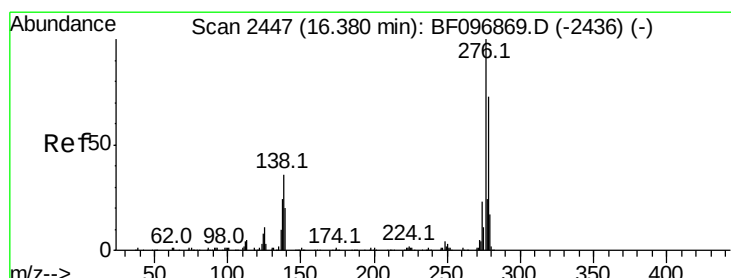
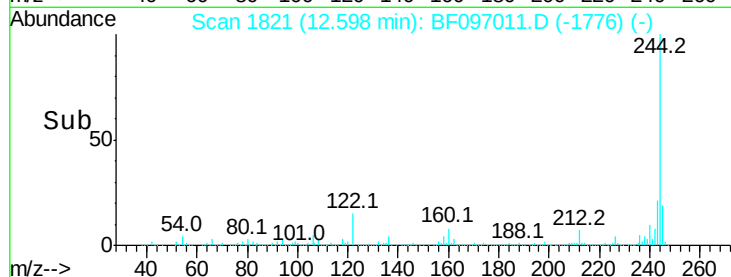
400000

200000

0

12.60

Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.897 ng

RT: 16.23 min Scan# 2439

Delta R.T. -0.06 min

Lab File: BF097011.D

Acq: 25 Jul 2017 3:17

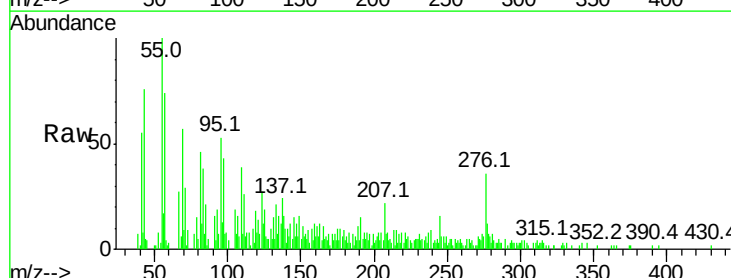
Tgt Ion:276 Resp: 8252

Ion Ratio Lower Upper

276 100

138 50.0 27.8 41.6#

277 24.7 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

8000

6000

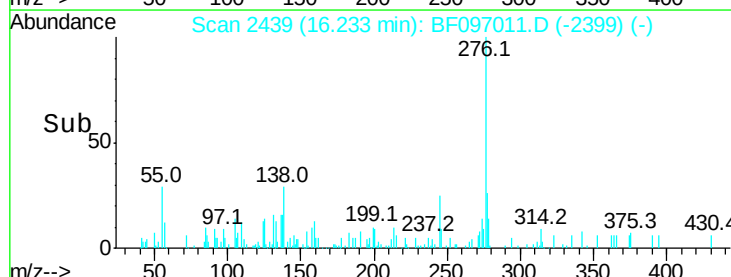
4000

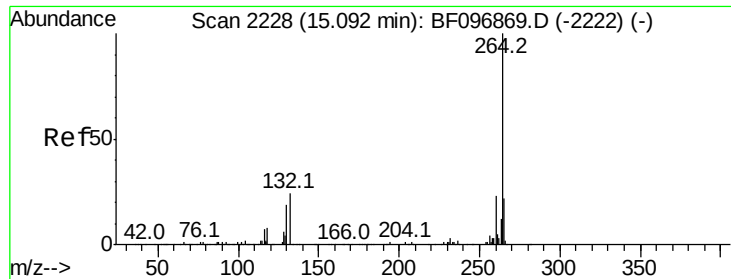
2000

0

16.23

Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.00 min Scan# 2229
Delta R.T. -0.04 min
Lab File: BF097011.D
Acq: 25 Jul 2017 3:17

Instrument :
BNA_F
ClientSampleId :
CEMETERY-11-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.6	17.2	25.8

