

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094191.D
 Acq On : 5 Apr 2017 16:07
 Operator : SJ/MA
 Sample : I2523-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)

Quant Time: Apr 06 01:06:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

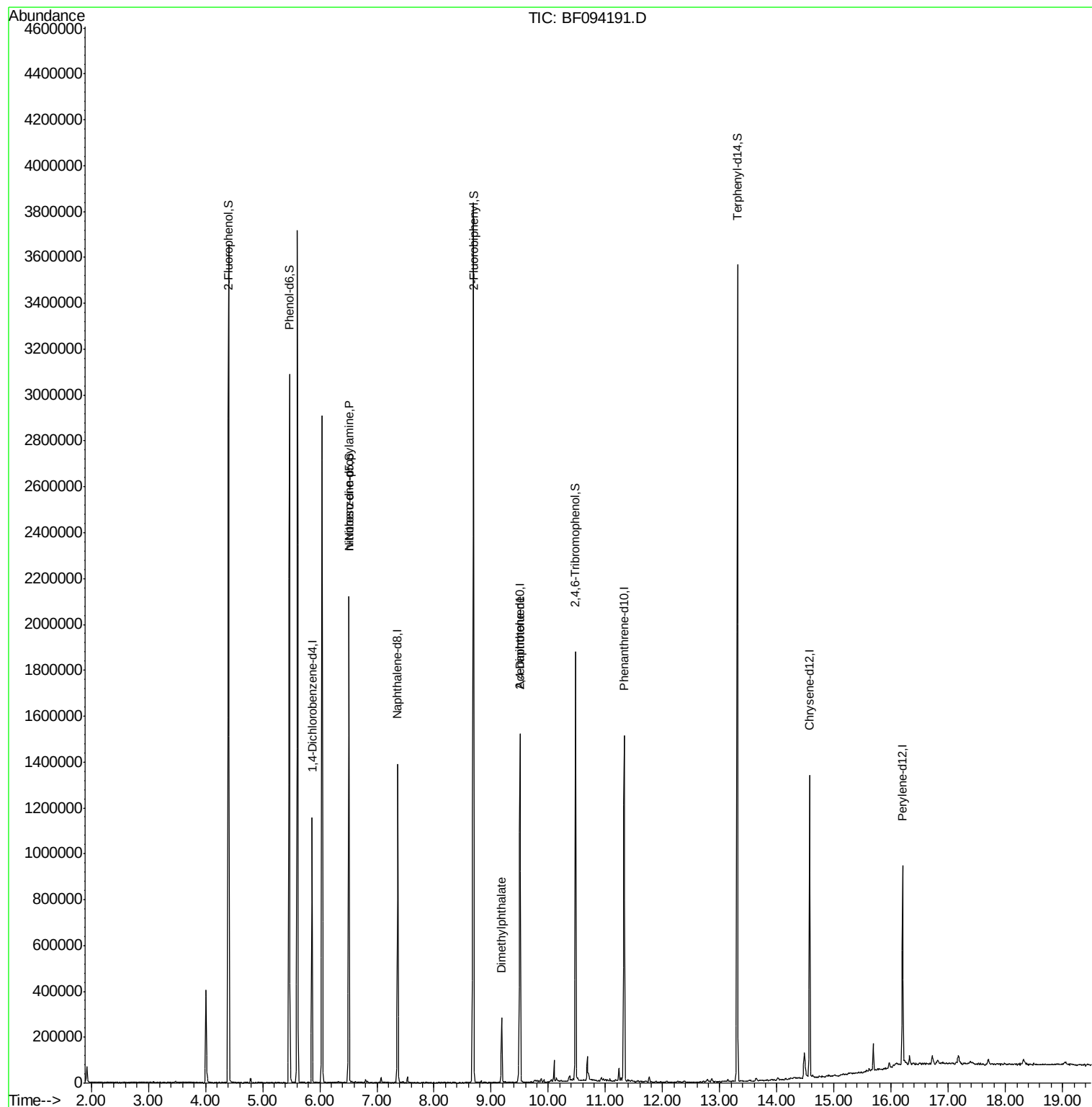
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	175887	20.00	ng	-0.04
21) Naphthalene-d8	7.36	136	711586	20.00	ng	-0.05
38) Acenaphthene-d10	9.50	164	329763	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	596635	20.00	ng	-0.05
75) Chrysene-d12	14.57	240	491994	20.00	ng	-0.05
86) Perylene-d12	16.20	264	344220	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1104875	106.10	ng	-0.03
7) Phenol-d6	5.47	99	1388924	107.81	ng	-0.04
23) Nitrobenzene-d5	6.51	82	862591	69.18	ng	-0.05
41) 2,4,6-Tribromophenol	10.48	330	237578	91.17	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1573082	72.76	ng	-0.04
78) Terphenyl-d14	13.31	244	1365440	62.21	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.51	70	112278	13.56	ng	# 79
49) Dimethylphthalate	9.18	163	126739	5.41	ng	100
56) 2,4-Dinitrotoluene	9.50	165	43078	6.38	ng	# 33

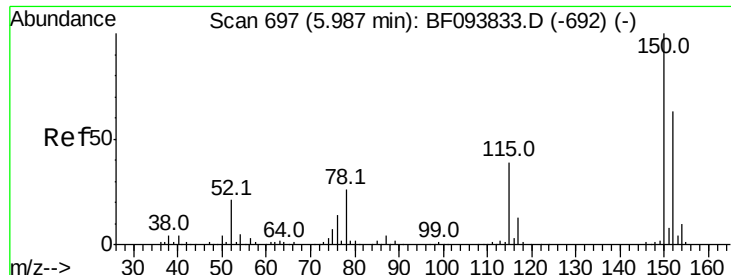
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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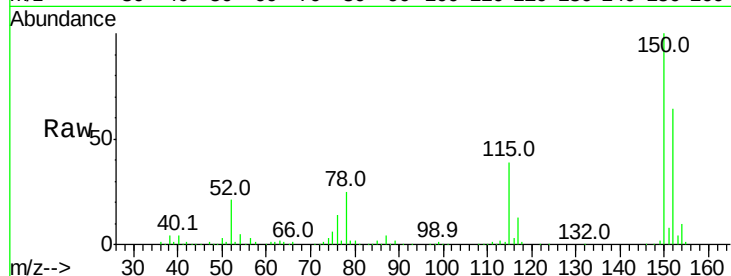


#1

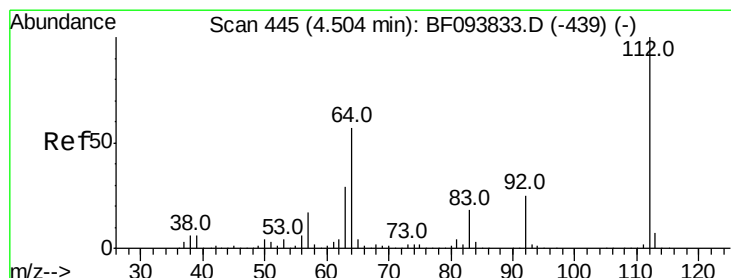
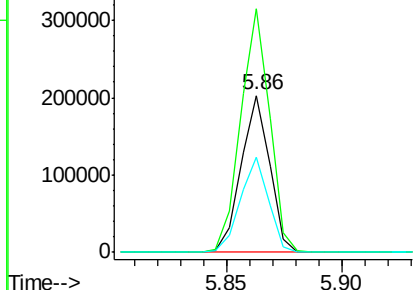
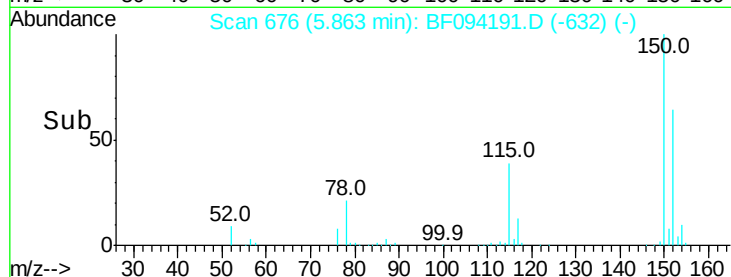
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF094191.D
Acq: 5 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)

Tot Ion:152 Resp: 175887
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 61.1 52.2 78.2



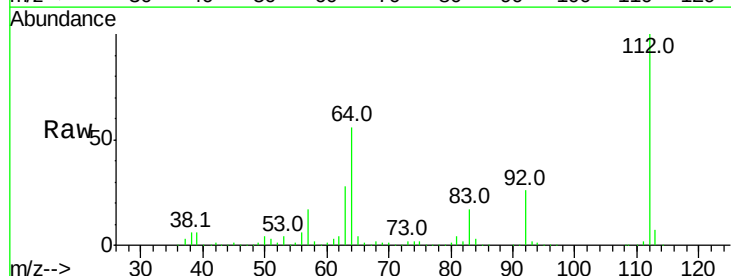
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



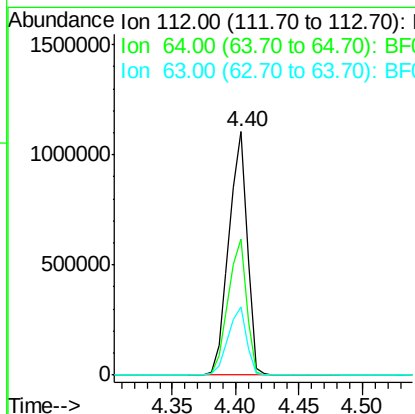
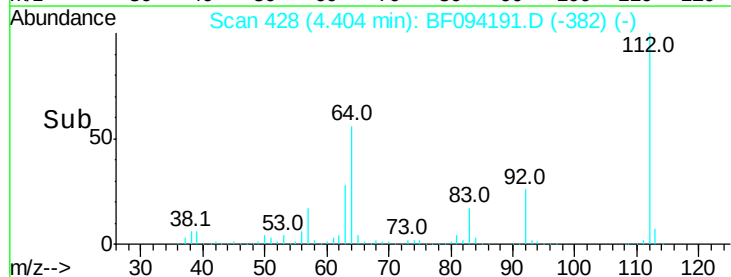
#5

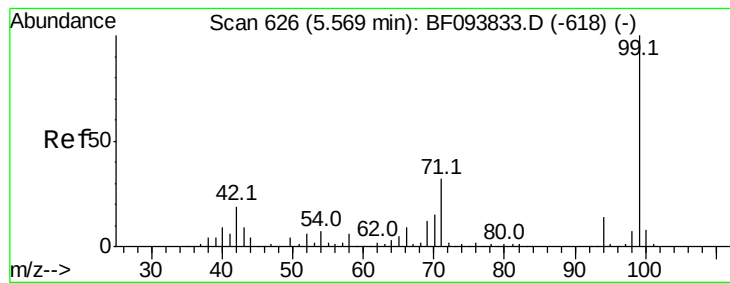
2-Fluorophenol
Concen: 106.10 ng
RT: 4.40 min Scan# 428
Delta R.T. -0.03 min
Lab File: BF094191.D
Acq: 5 Apr 2017 16:07

Tgt Ion:112 Resp: 1104875
Ion Ratio Lower Upper
112 100
64 56.1 46.0 69.0
63 28.2 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: 107.81 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094191.D

Acq: 5 Apr 2017 16:07

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)

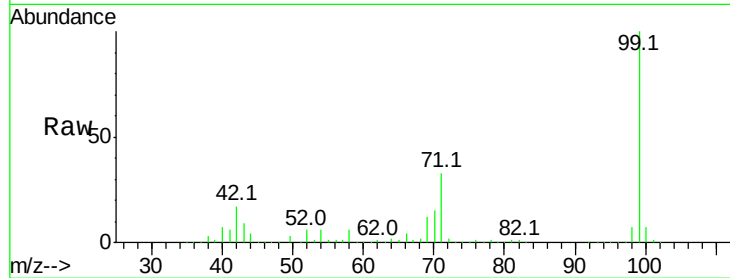
Tot Ion: 99 Resp: 1388924

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

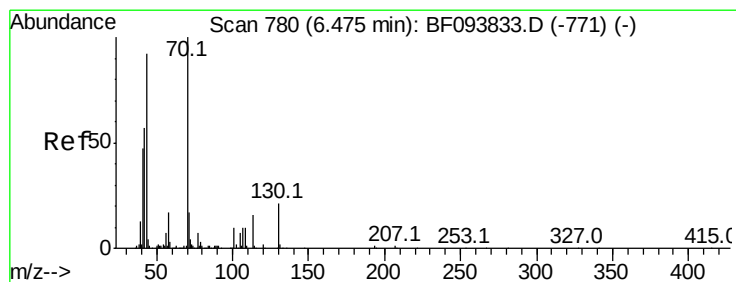
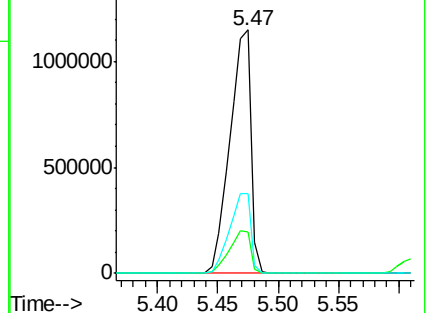
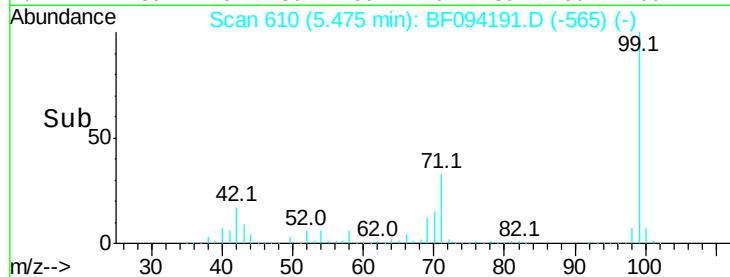
71 32.9 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.56 ng

RT: 6.51 min Scan# 786

Delta R.T. 0.12 min

Lab File: BF094191.D

Acq: 5 Apr 2017 16:07

Tgt Ion: 70 Resp: 112278

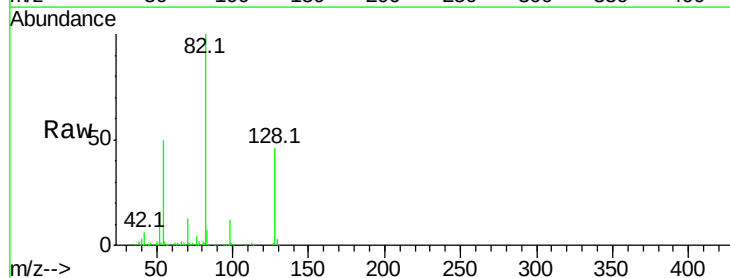
Ion Ratio Lower Upper

70 100

42 48.4 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

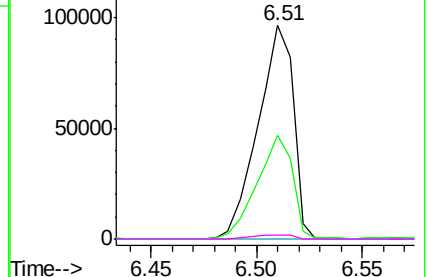
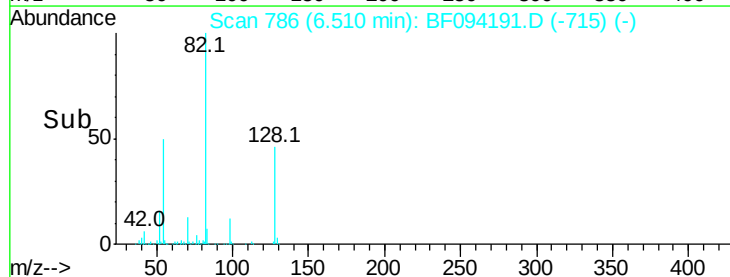


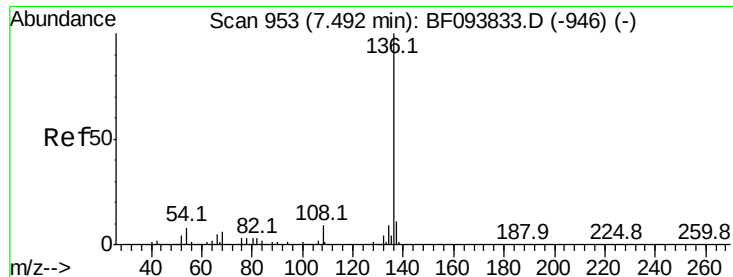
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.00 ng

RT: 7.36 min Scan# 931

Delta R.T. -0.05 min

Lab File: BF094191.D

Acq: 5 Apr 2017 16:07

Instrument :

BNA_F

ClientSampleId :

CEMETERY-3(0-7)

Tot Ion:136 Resp: 711586

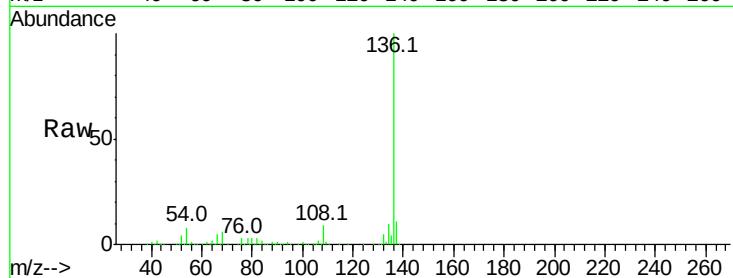
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.9 4.9 7.3#

68 6.3 4.1 6.1#

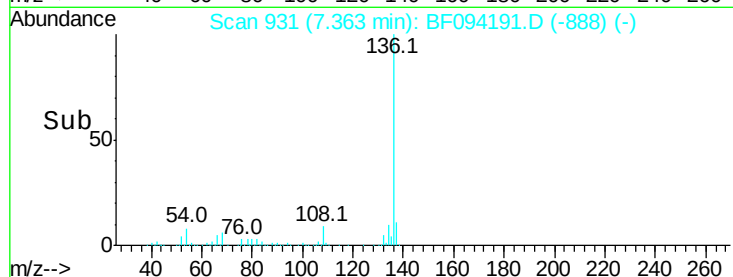


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

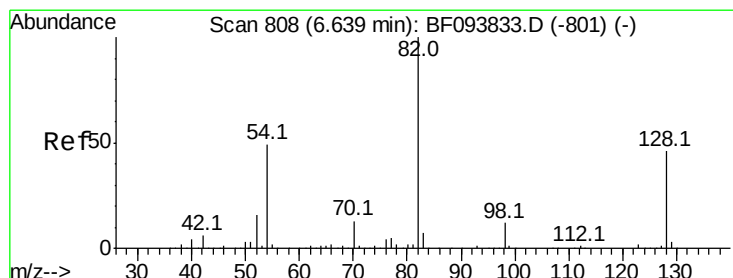
Ion 68.00 (67.70 to 68.70): BF0



Abundance

7.36

Time-->



#23

Nitrobenzene-d5

Concen: 69.18 ng

RT: 6.51 min Scan# 786

Delta R.T. -0.05 min

Lab File: BF094191.D

Acq: 5 Apr 2017 16:07

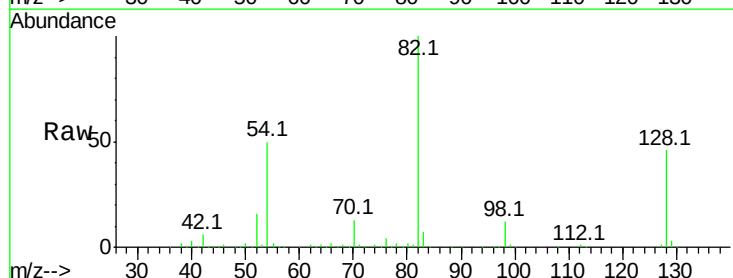
Tgt Ion: 82 Resp: 862591

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

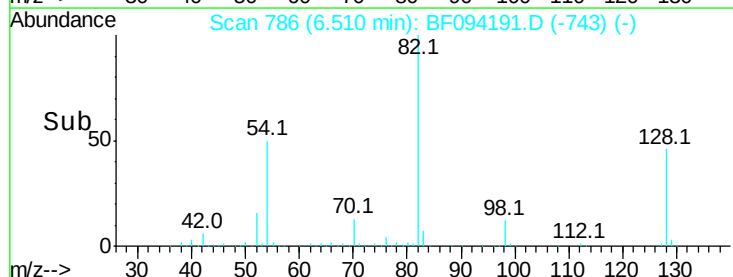
54 50.1 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

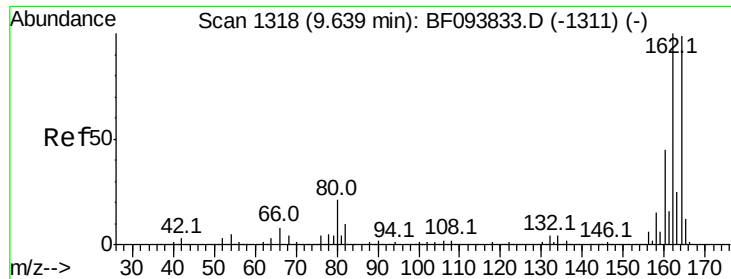
Ion 54.00 (53.70 to 54.70): BF0



Abundance

6.51

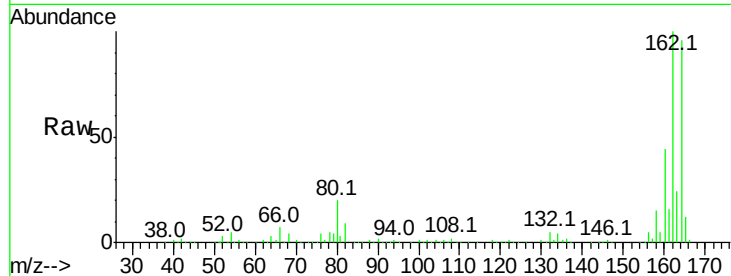
Time-->



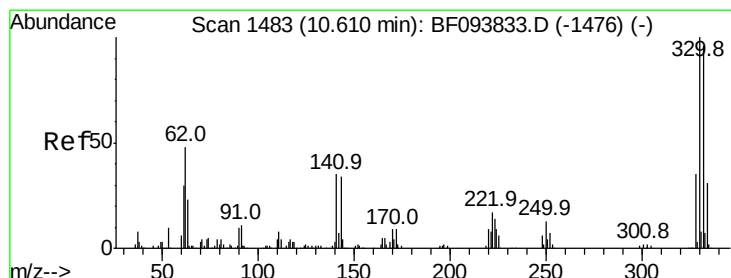
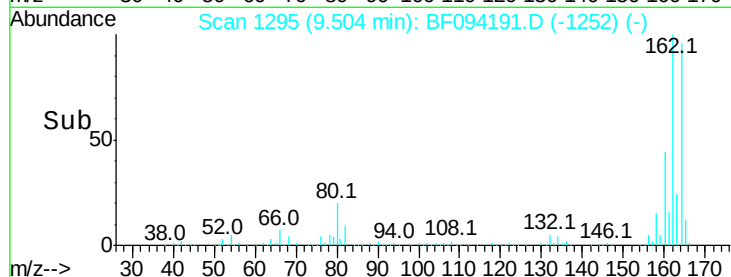
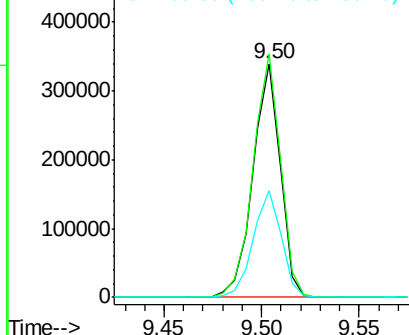
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094191.D
 Acq: 5 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)

Tot Ion:164 Resp: 329763
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.6 123.8
 160 45.5 36.2 54.2

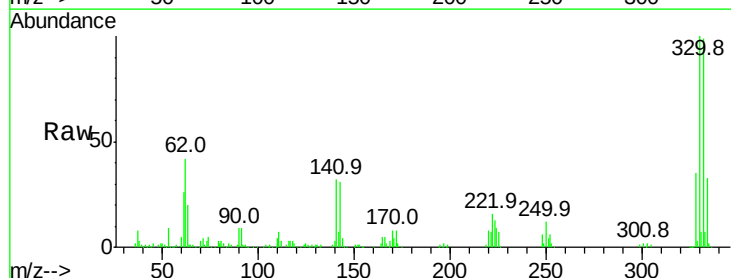


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

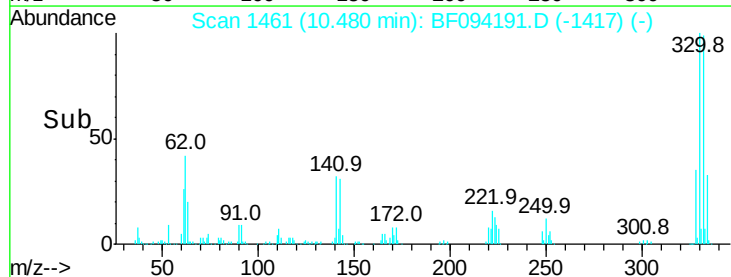
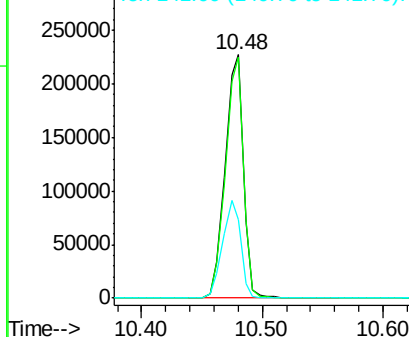


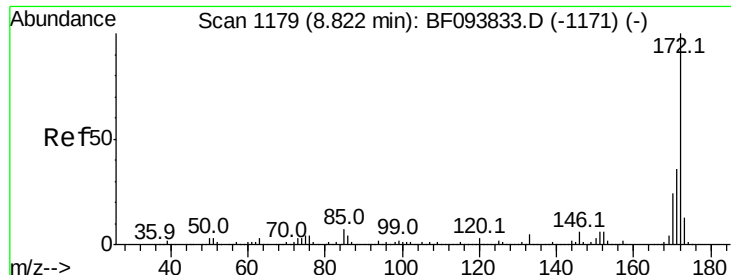
#41
 2,4,6-Tribromophenol
 Concen: 91.17 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. -0.04 min
 Lab File: BF094191.D
 Acq: 5 Apr 2017 16:07

Tgt Ion:330 Resp: 237578
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 40.1 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



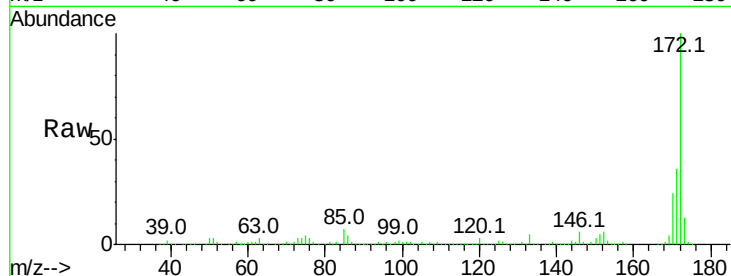


#44
 2-Fluorobiphenyl
 Concen: 72.76 ng
 RT: 8.69 min Scan# 1157
 Delta R.T. -0.04 min
 Lab File: BF094191.D
 Acq: 5 Apr 2017 16:07

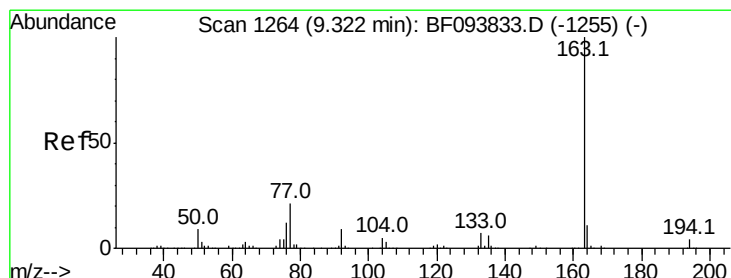
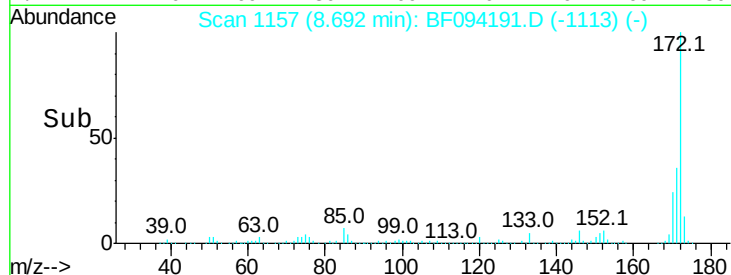
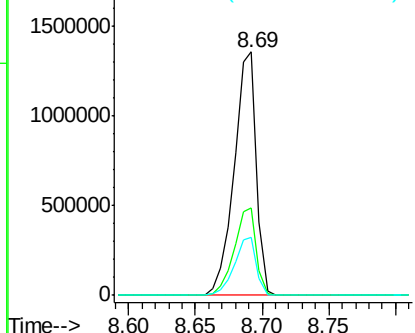
Instrument :
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 CEMETERY-3(0-7)

Tot Ion:172 Resp: 1573082

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.6	19.8	29.8



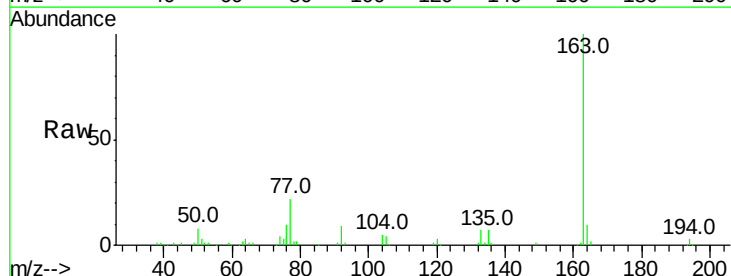
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



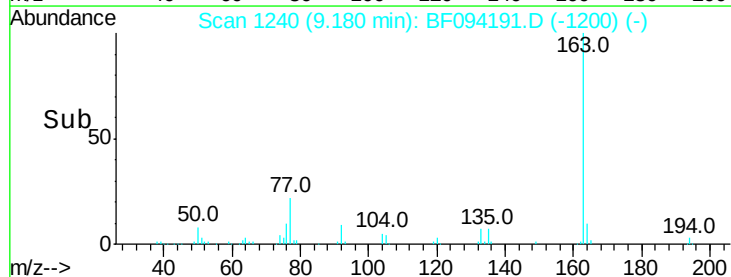
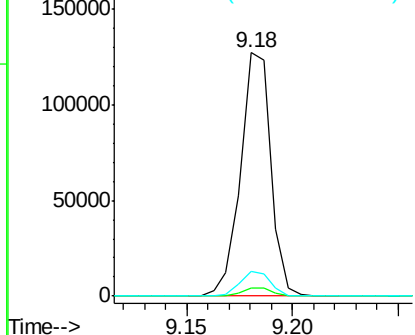
#49
 Dimethylphthalate
 Concen: 5.41 ng
 RT: 9.18 min Scan# 1240
 Delta R.T. -0.06 min
 Lab File: BF094191.D
 Acq: 5 Apr 2017 16:07

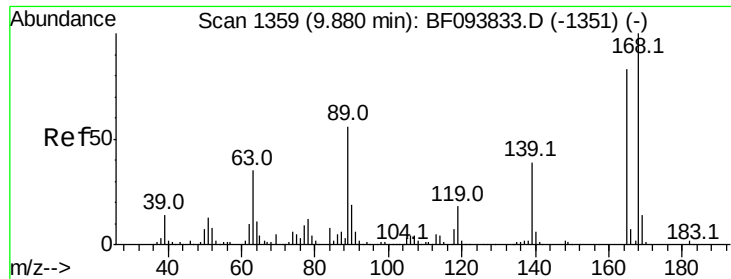
Tgt Ion:163 Resp: 126739

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.4	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

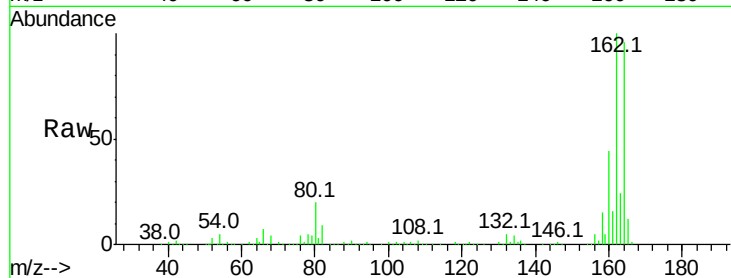




#56
 2,4-Dinitrotoluene
 Concen: 6.38 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.29 min
 Lab File: BF094191.D
 Acq: 5 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-3(0-7)

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

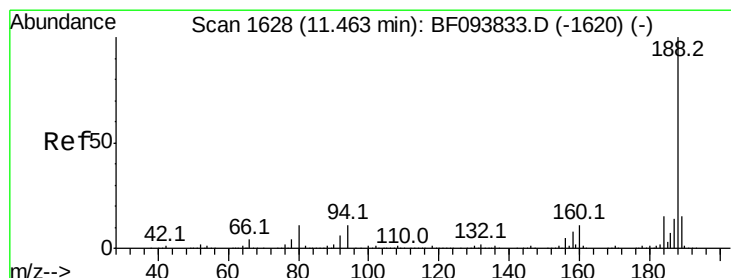
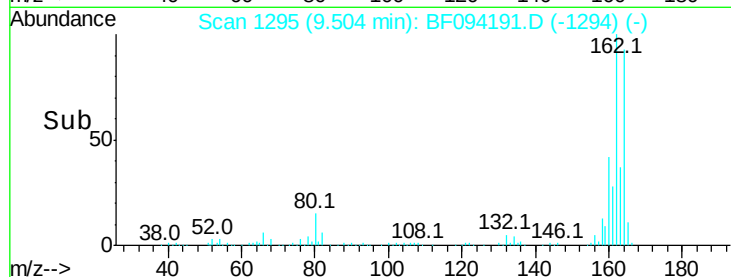
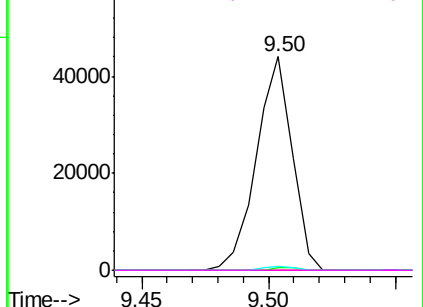


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

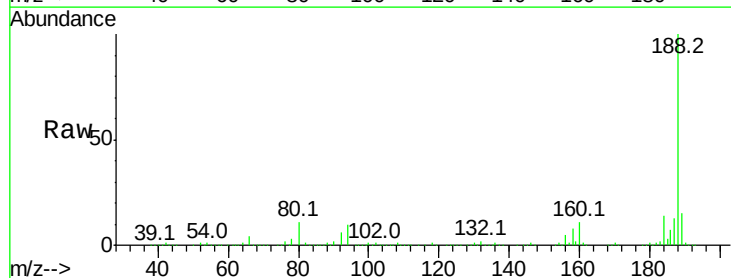
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1605
 Delta R.T. -0.05 min
 Lab File: BF094191.D
 Acq: 5 Apr 2017 16:07

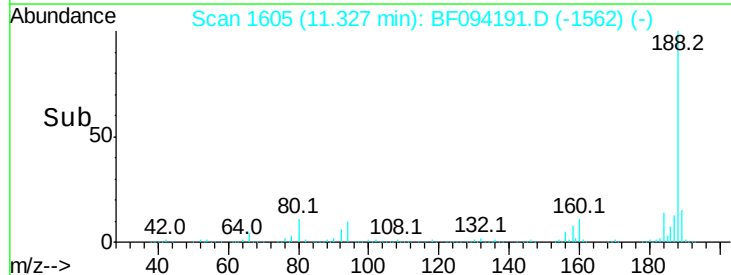
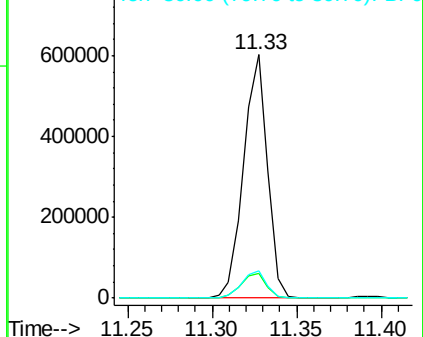
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.1	10.2	15.2

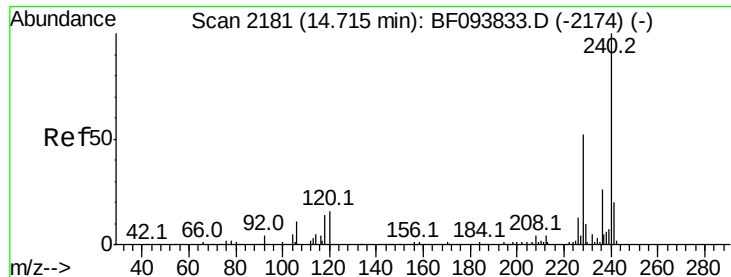


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.57 min Scan# 2157

Delta R.T. -0.05 min

Lab File: BF094191.D

Acq: 5 Apr 2017 16:07

Instrument :

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CEMETERY-3(0-7)

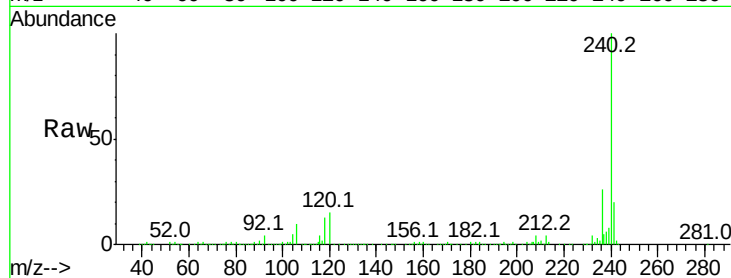
Tot Ion:240 Resp: 491994

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

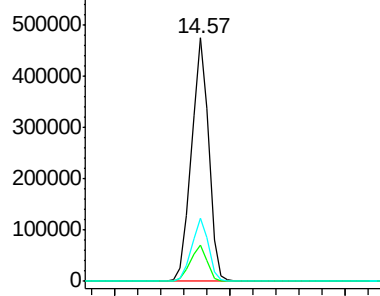
236 26.1 20.5 30.7



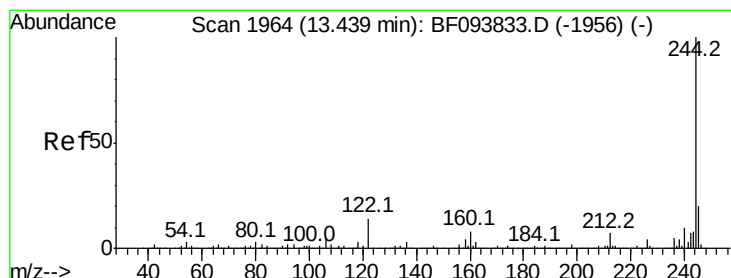
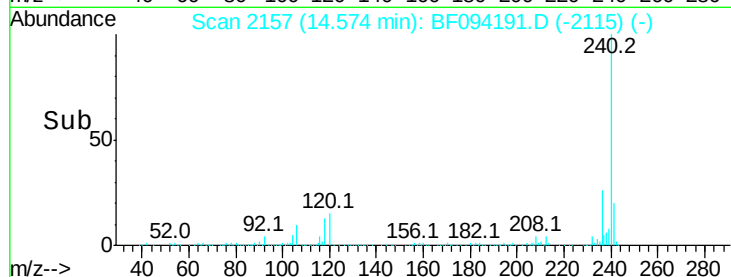
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 62.21 ng

RT: 13.31 min Scan# 1942

Delta R.T. -0.04 min

Lab File: BF094191.D

Acq: 5 Apr 2017 16:07

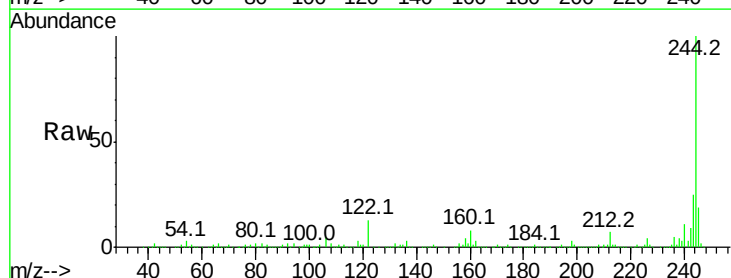
Tgt Ion:244 Resp: 1365440

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

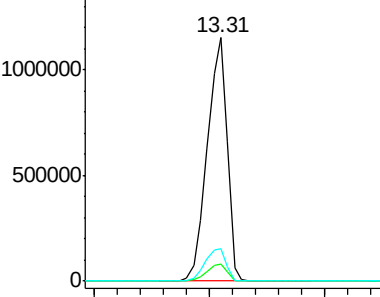
122 13.4 10.3 15.5



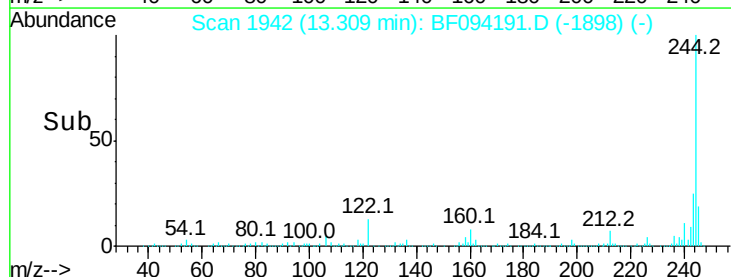
Abundance Ion 244.00 (243.70 to 244.70): E

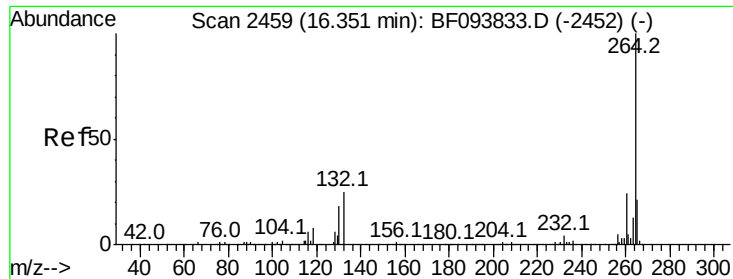
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

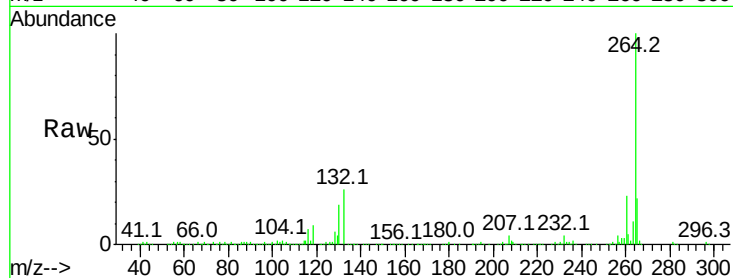




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.20 min Scan# 2433
Delta R.T. -0.05 min
Lab File: BF094191.D
Acq: 5 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.8	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

