

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094197.D
 Acq On : 5 Apr 2017 18:53
 Operator : SJ/MA
 Sample : I2523-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-1(0-7)

Quant Time: Apr 06 01:09:00 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

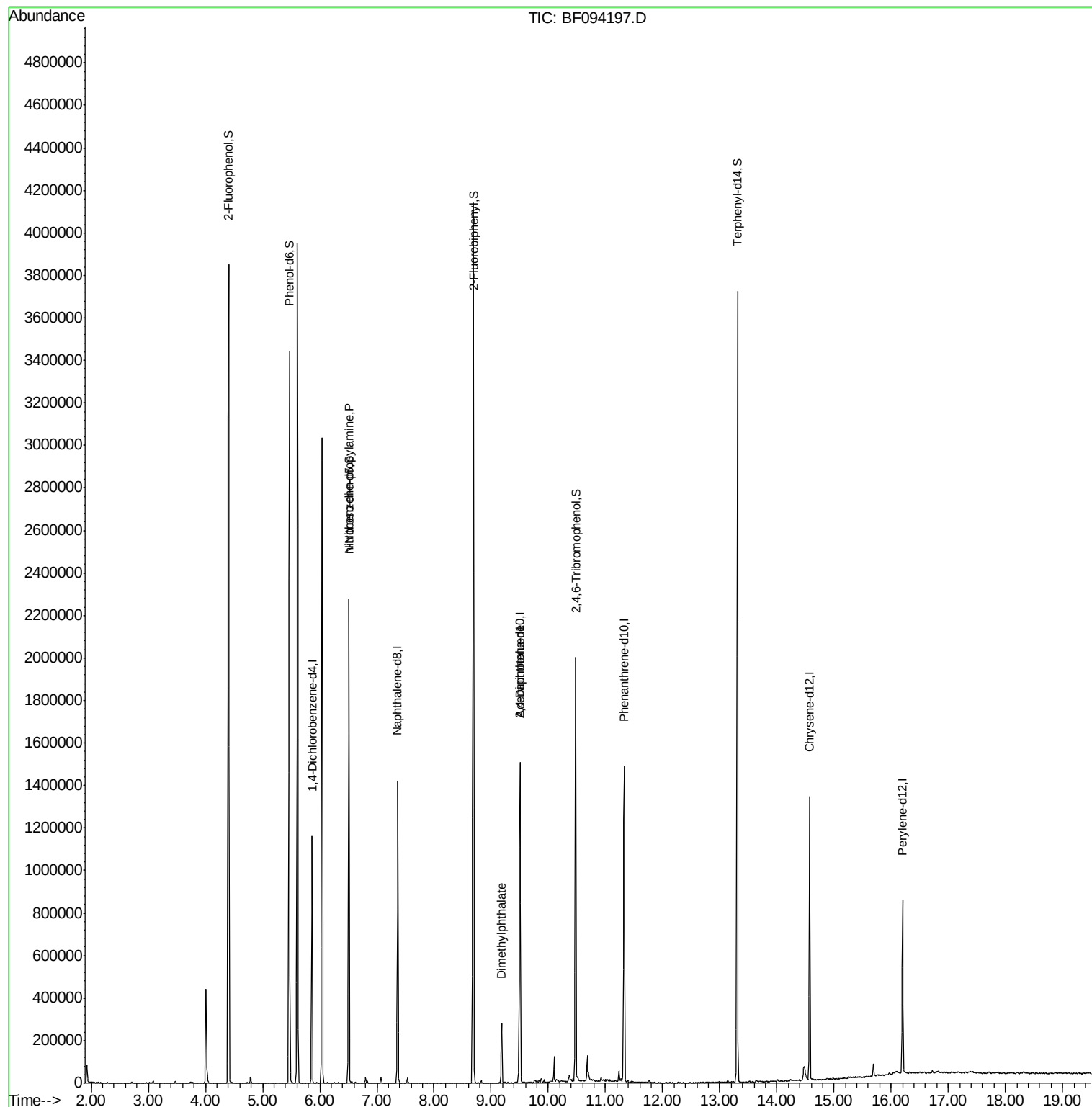
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	173663	20.00	ng	-0.04
21) Naphthalene-d8	7.36	136	709769	20.00	ng	-0.05
38) Acenaphthene-d10	9.50	164	327572	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	586339	20.00	ng	-0.05
75) Chrysene-d12	14.57	240	491318	20.00	ng	-0.05
86) Perylene-d12	16.20	264	333858	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1197684	116.48	ng	-0.03
7) Phenol-d6	5.47	99	1516977	119.26	ng	-0.04
23) Nitrobenzene-d5	6.51	82	952017	76.55	ng	-0.05
41) 2,4,6-Tribromophenol	10.48	330	273472	105.65	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1674067	77.95	ng	-0.04
78) Terphenyl-d14	13.31	244	1424971	65.01	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.51	70	124280	15.20	ng	# 79
49) Dimethylphthalate	9.18	163	128816	5.53	ng	99
56) 2,4-Dinitrotoluene	9.50	165	42072	6.27	ng	# 33

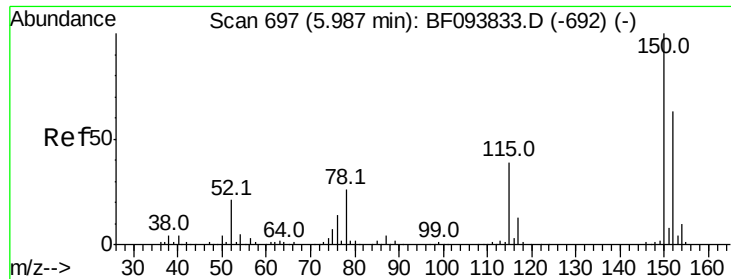
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CEMETERY-1(0-7)

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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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.86 min Scan# 676

Delta R.T. -0.04 min

Lab File: BF094197.D

Acq: 5 Apr 2017 18:53

Instrument :

BNA_F

ClientSampleId :

CEMETERY-1(0-7)

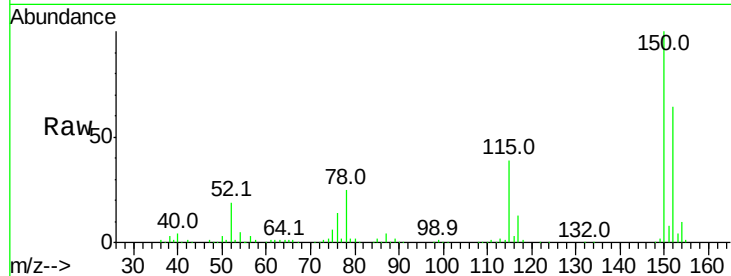
Tot Ion:152 Resp: 173663

Ion Ratio Lower Upper

152 100

150 156.3 126.2 189.2

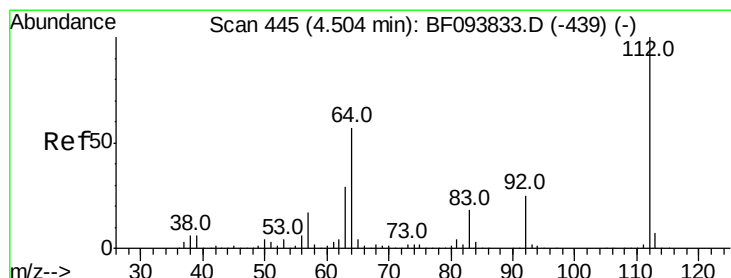
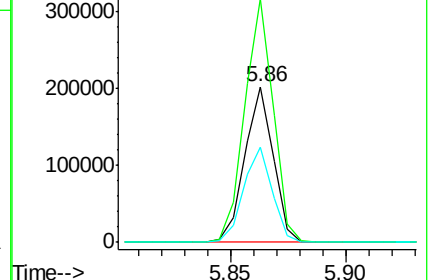
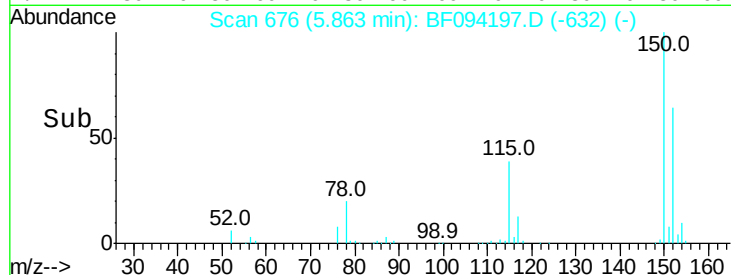
115 61.4 52.2 78.2



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: 116.48 ng

RT: 4.40 min Scan# 428

Delta R.T. -0.03 min

Lab File: BF094197.D

Acq: 5 Apr 2017 18:53

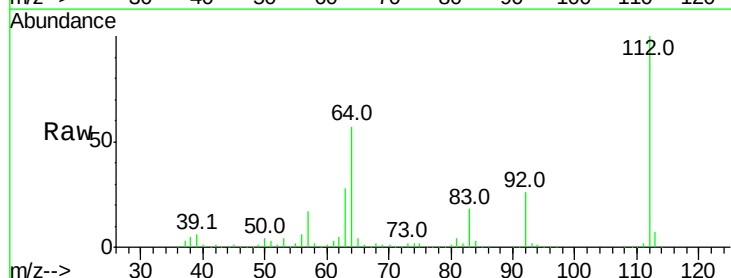
Tgt Ion:112 Resp: 1197684

Ion Ratio Lower Upper

112 100

64 56.7 46.0 69.0

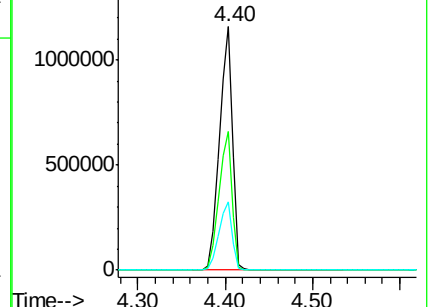
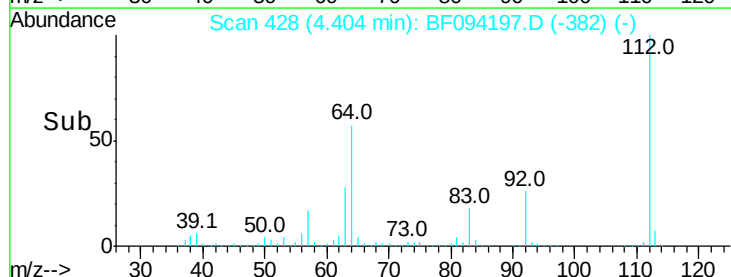
63 28.2 23.4 35.0

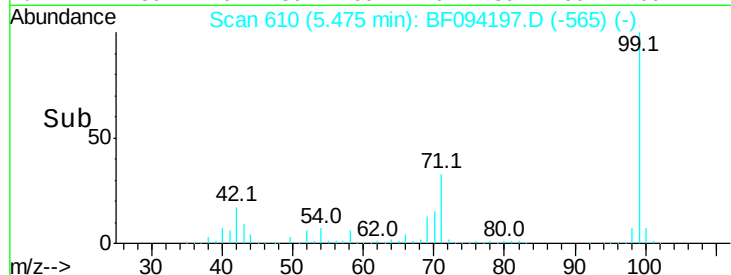
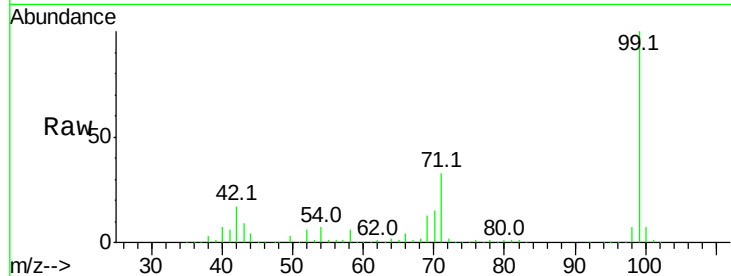
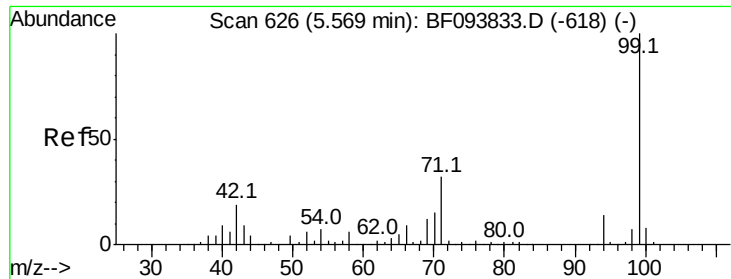


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.26 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094197.D

Acq: 5 Apr 2017 18:53

Instrument :

BNA_F

ClientSampleId :

CEMETERY-1(0-7)

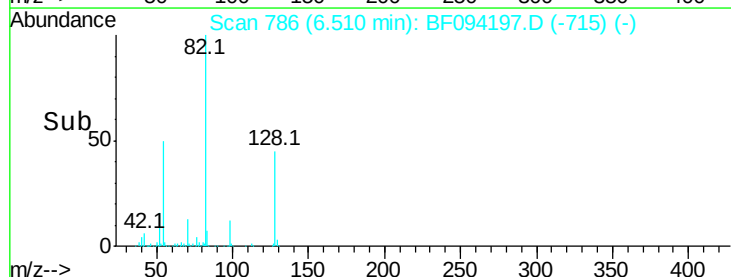
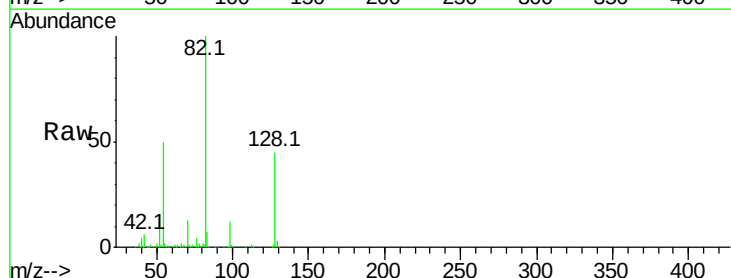
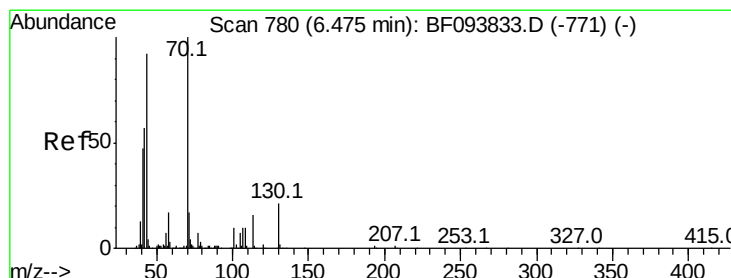
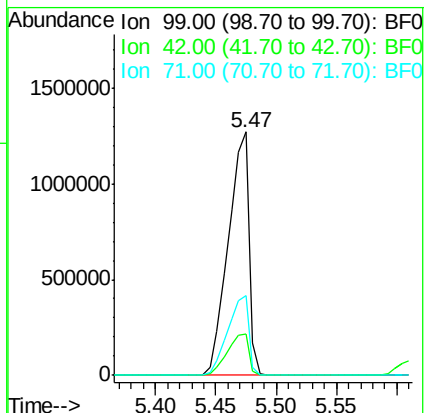
Tot Ion: 99 Resp: 1516977

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

71 32.7 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.20 ng

RT: 6.51 min Scan# 786

Delta R.T. 0.12 min

Lab File: BF094197.D

Acq: 5 Apr 2017 18:53

Tgt Ion: 70 Resp: 124280

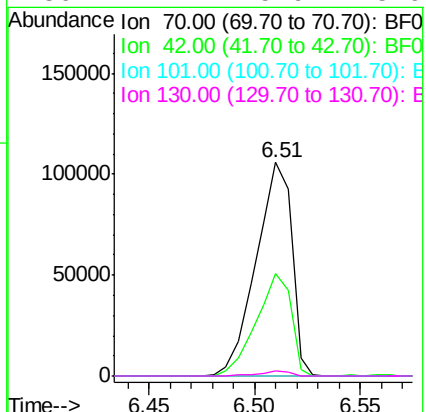
Ion Ratio Lower Upper

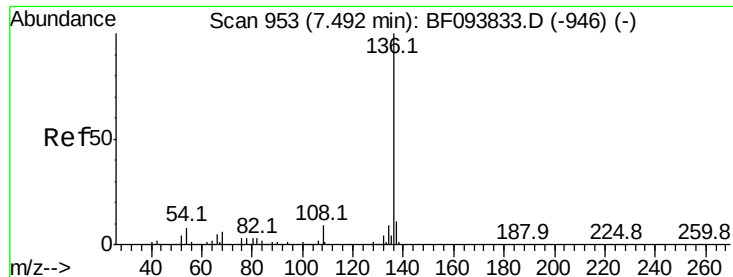
70 100

42 48.1 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

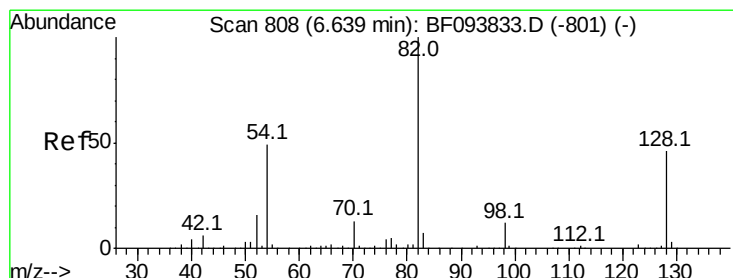
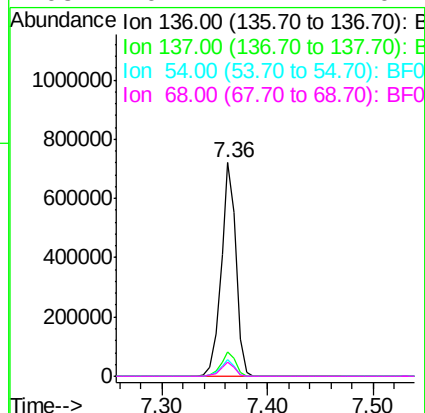
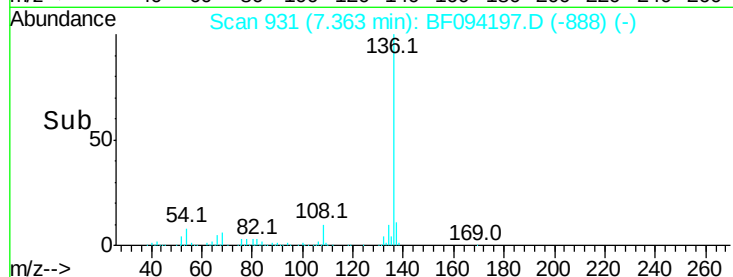
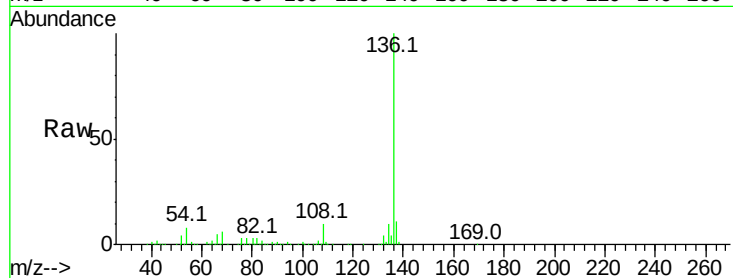




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 931
Delta R.T. -0.05 min
Lab File: BF094197.D
Acq: 5 Apr 2017 18:53

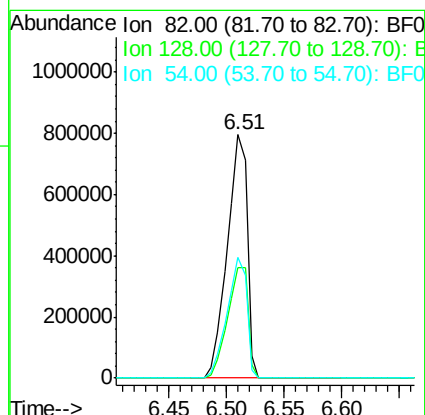
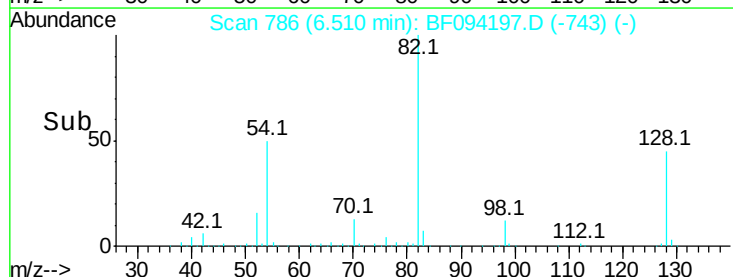
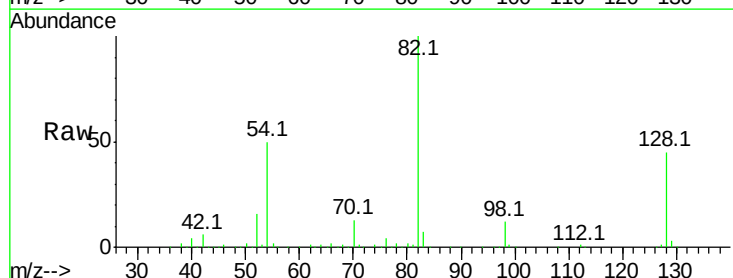
Instrument :
BNA_F
ClientSampleId :
CEMETERY-1(0-7)

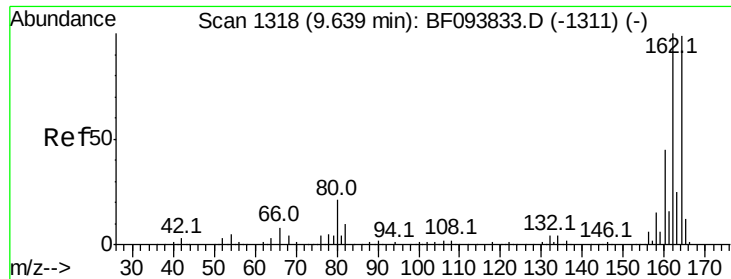
Tot Ion:	136	Resp:	709769
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.6	4.9	7.3#
68	6.4	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 76.55 ng
RT: 6.51 min Scan# 786
Delta R.T. -0.05 min
Lab File: BF094197.D
Acq: 5 Apr 2017 18:53

Tgt Ion:	82	Resp:	952017
Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.0	51.0
54	49.6	42.2	63.2

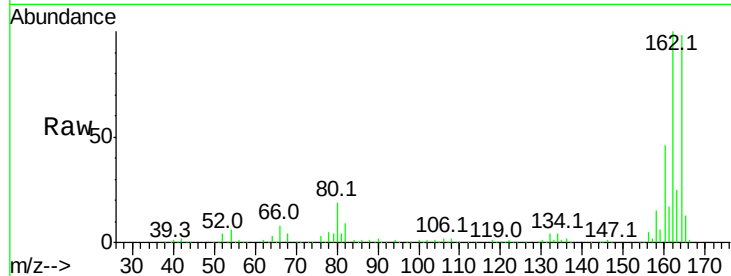




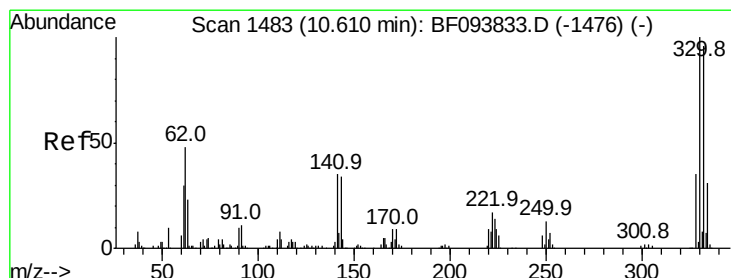
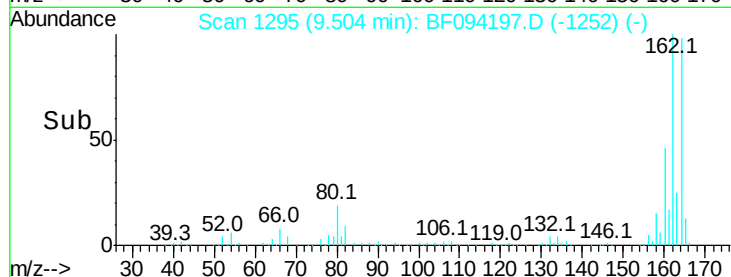
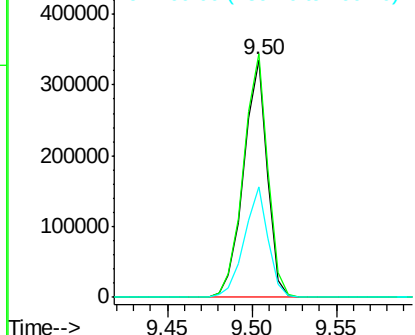
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 1295
Delta R.T. -0.05 min
Lab File: BF094197.D
Acq: 5 Apr 2017 18:53

Instrument :
BNA_F
ClientSampleId :
CEMETERY-1(0-7)

Tot Ion:164 Resp: 327572
Ion Ratio Lower Upper
164 100
162 102.4 82.6 123.8
160 46.6 36.2 54.2

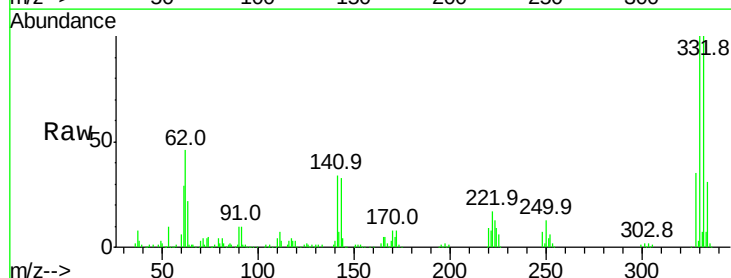


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

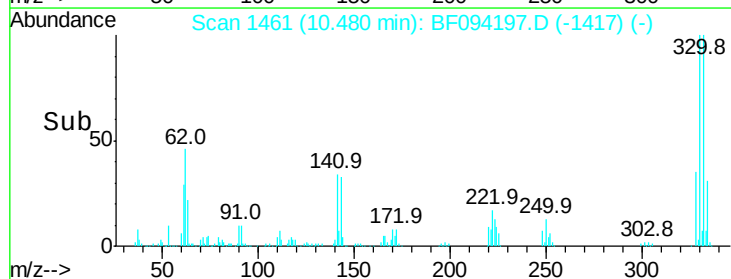
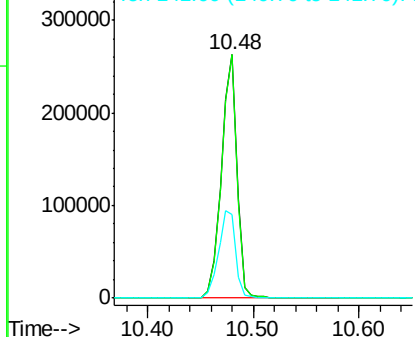


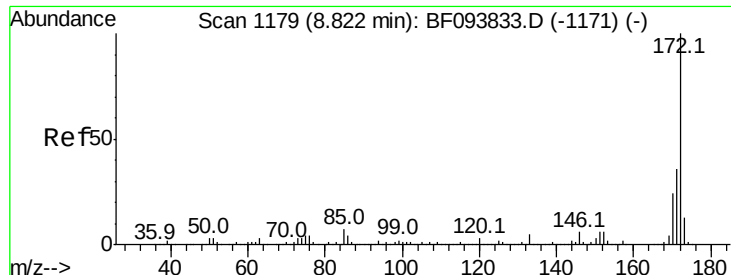
#41
2,4,6-Tribromophenol
Concen: 105.65 ng
RT: 10.48 min Scan# 1461
Delta R.T. -0.04 min
Lab File: BF094197.D
Acq: 5 Apr 2017 18:53

Tgt Ion:330 Resp: 273472
Ion Ratio Lower Upper
330 100
332 98.7 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



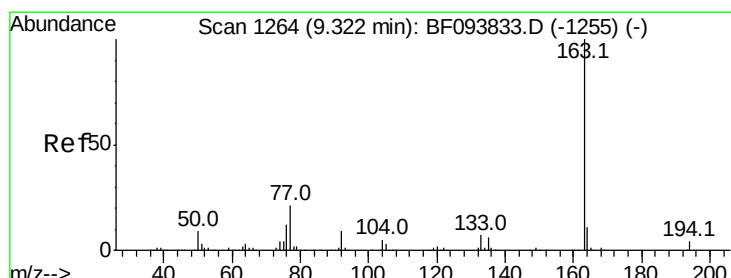
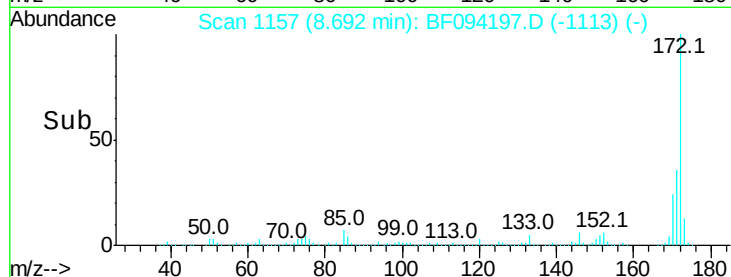
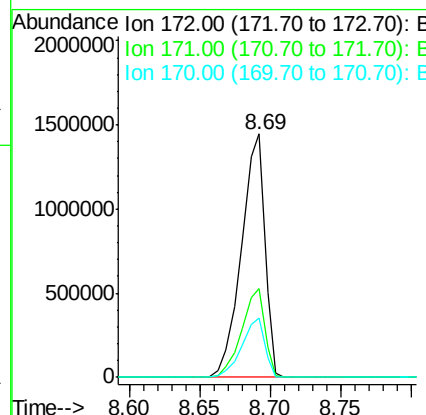
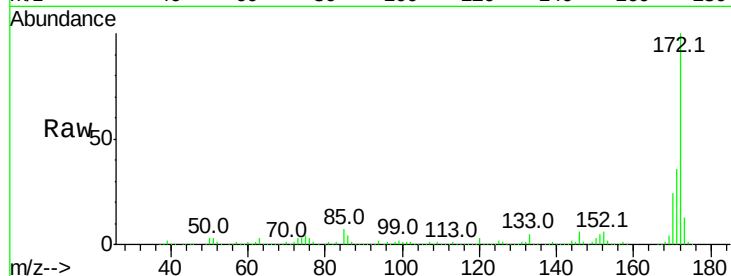


#44
 2-Fluorobiphenyl
 Concen: 77.95 ng
 RT: 8.69 min Scan# 1157
 Delta R.T. -0.04 min
 Lab File: BF094197.D
 Acq: 5 Apr 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-1(0-7)

Tot Ion:172 Resp: 1674067

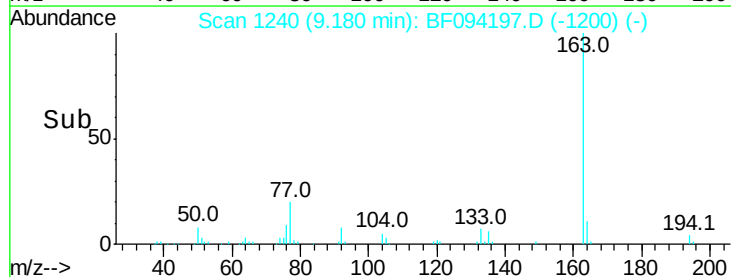
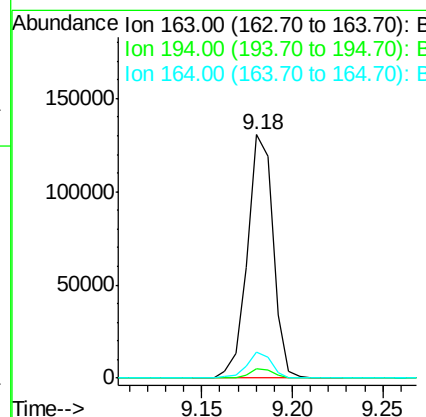
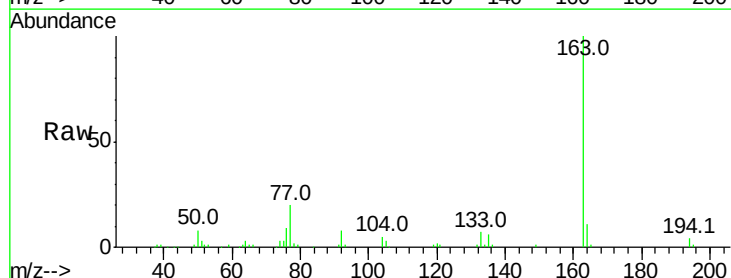
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.1	19.8	29.8

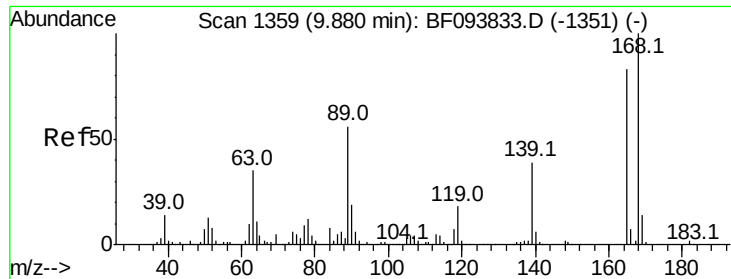


#49
 Dimethylphthalate
 Concen: 5.53 ng
 RT: 9.18 min Scan# 1240
 Delta R.T. -0.06 min
 Lab File: BF094197.D
 Acq: 5 Apr 2017 18:53

Tgt Ion:163 Resp: 128816

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	10.6	8.4	12.6

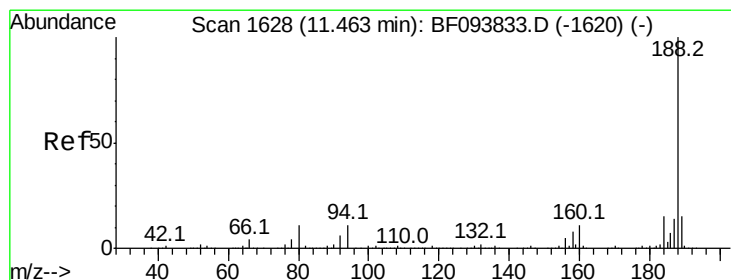
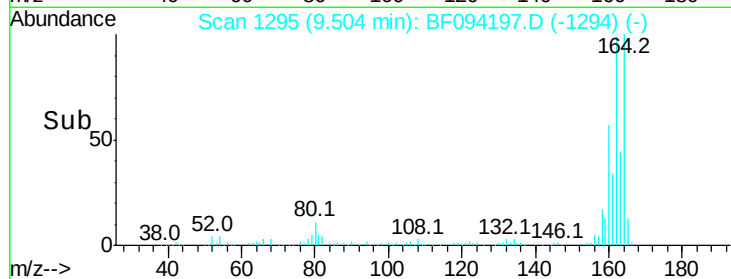
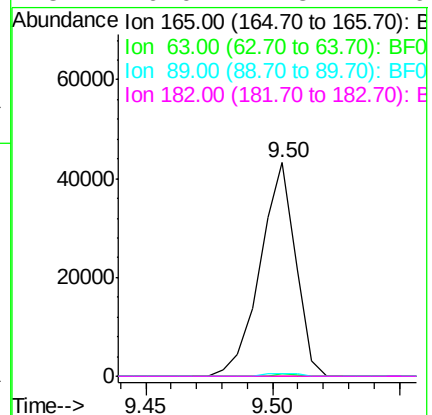
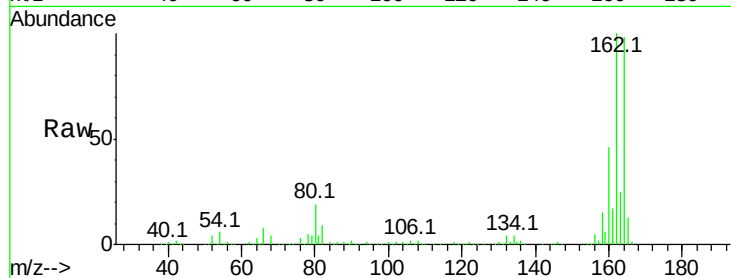




#56
 2,4-Dinitrotoluene
 Concen: 6.27 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.29 min
 Lab File: BF094197.D
 Acq: 5 Apr 2017 18:53

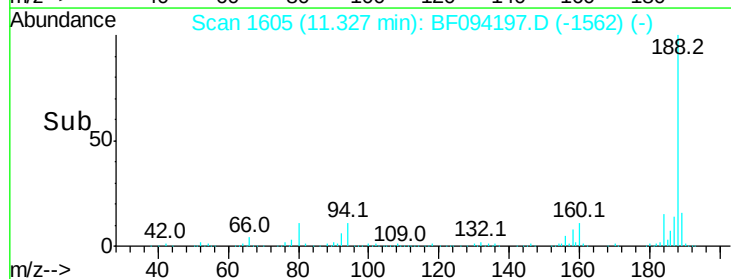
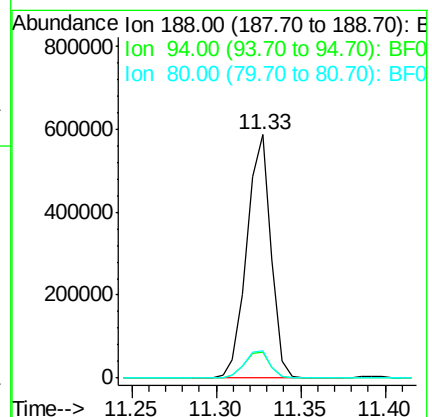
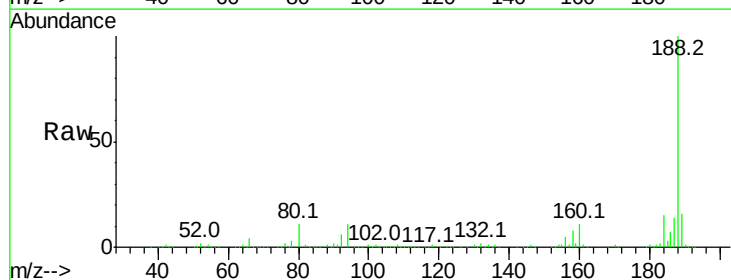
Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-1(0-7)

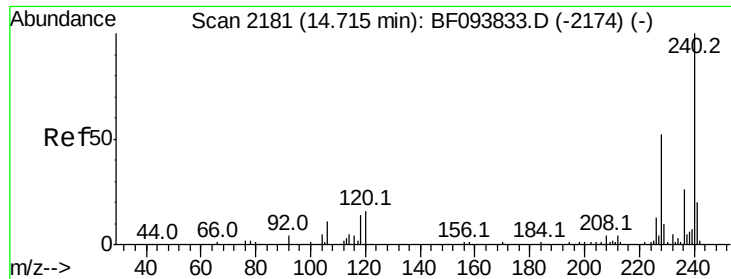
Tot Ion:165 Resp: 42072
 Ion Ratio Lower Upper
 165 100
 63 1.3 25.4 38.0#
 89 1.3 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1605
 Delta R.T. -0.05 min
 Lab File: BF094197.D
 Acq: 5 Apr 2017 18:53

Tgt Ion:188 Resp: 586339
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.1 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.57 min Scan# 2157

Delta R.T. -0.05 min

Lab File: BF094197.D

Acq: 5 Apr 2017 18:53

Instrument :

BNA_F

ClientSampleId :

CEMETERY-1(0-7)

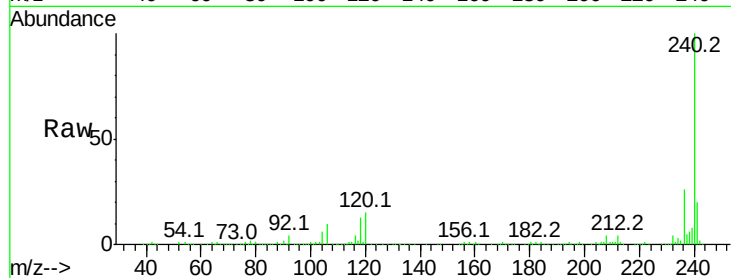
Tot Ion:240 Resp: 491318

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

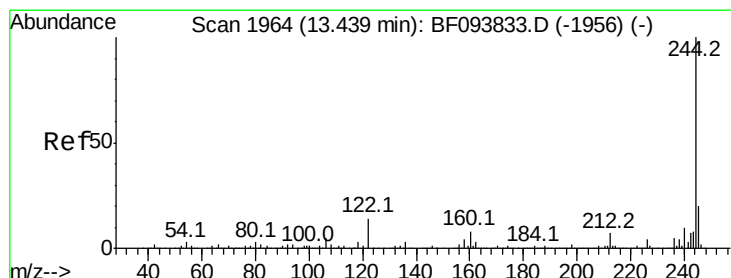
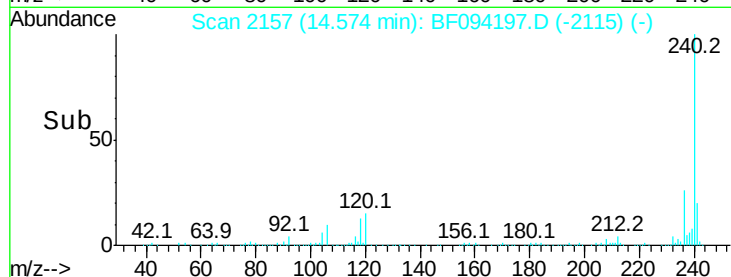
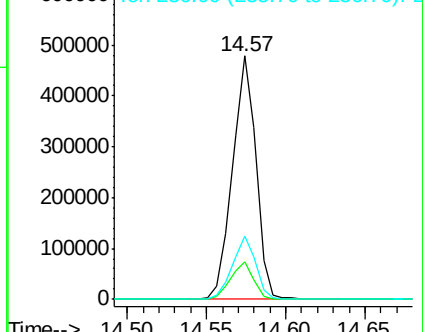
236 25.7 20.5 30.7



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: 65.01 ng

RT: 13.31 min Scan# 1942

Delta R.T. -0.04 min

Lab File: BF094197.D

Acq: 5 Apr 2017 18:53

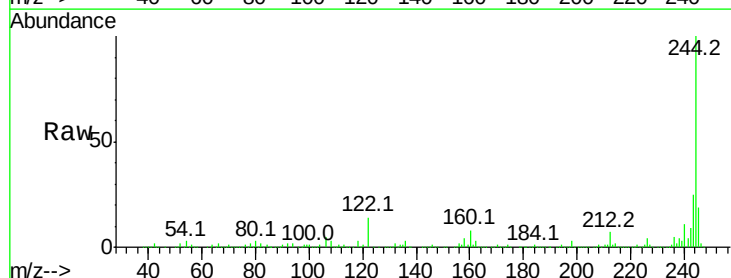
Tgt Ion:244 Resp: 1424971

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

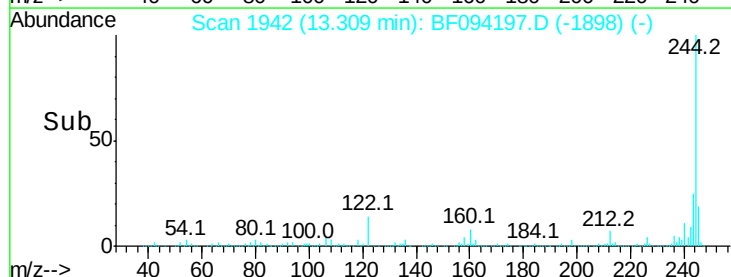
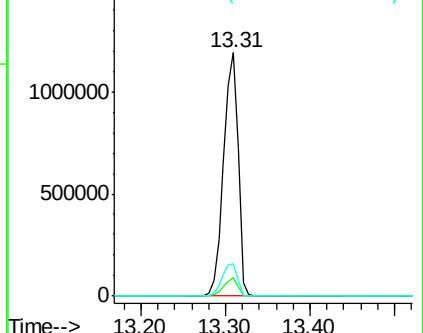
122 13.5 10.3 15.5

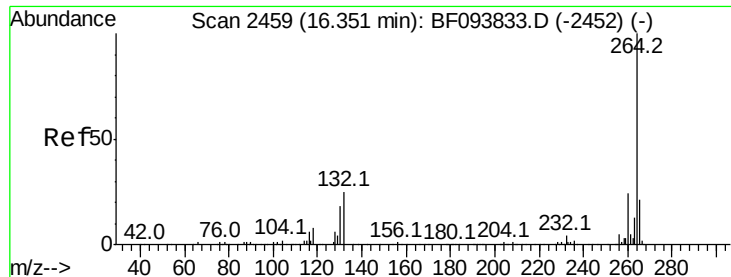


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

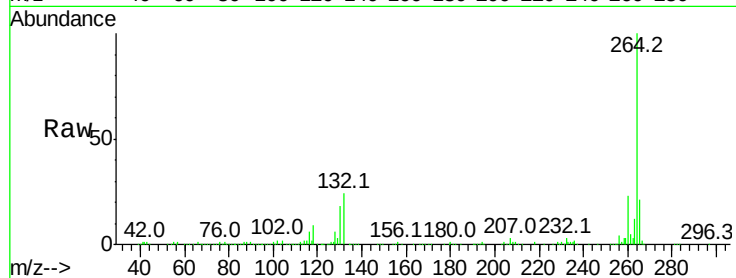




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.20 min Scan# 2433
Delta R.T. -0.05 min
Lab File: BF094197.D
Acq: 5 Apr 2017 18:53

Instrument :
BNA_F
ClientSampleId :
CEMETERY-1(0-7)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	20.8	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

