

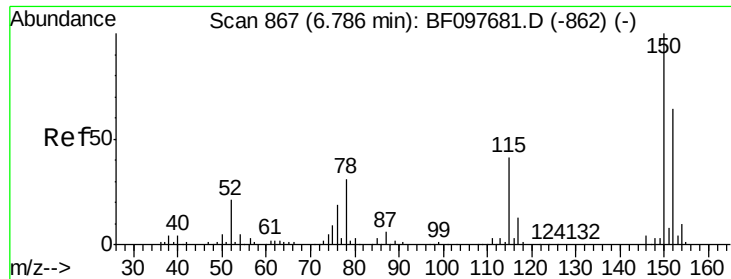
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
 Data File : BF097836.D
 Acq On : 18 Aug 2017 15:25
 Operator : SJ/JU
 Sample : I4819-01
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-1-2-DENSE-GRADE

Quant Time: Aug 18 17:09:59 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	113021	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	400387	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	142163	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	247724	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	229915	20.00	ng	-0.01
86) Perylene-d12	15.36	264	149840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	923797	124.33	ng	0.00
7) Phenol-d6	6.41	99	1195801	118.45	ng	0.00
23) Nitrobenzene-d5	7.34	82	704260	95.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	142560	115.57	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	923639	95.45	ng	0.00
78) Terphenyl-d14	12.89	244	744048	67.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	94715	13.705	ng	# 73
25) Isophorone	7.34	82	704255	45.953	ng	# 67
49) Dimethylphthalate	9.53	163	91303	8.786	ng	# 99
56) 2,4-Dinitrotoluene	9.81	165	18344	7.047	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.60	198	294	8.529	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	9852	3.830	ng	# 1

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

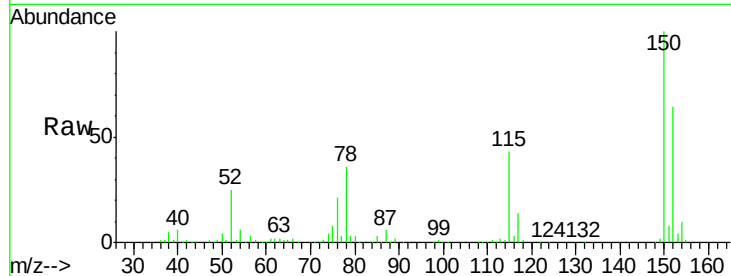


#1

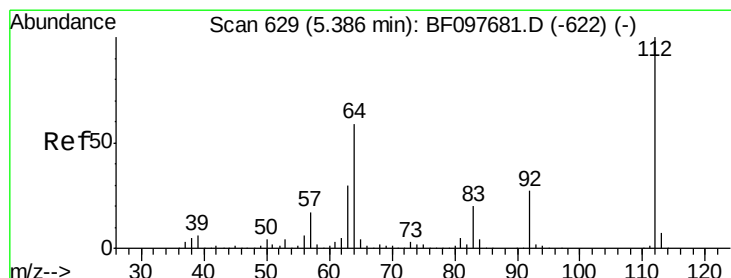
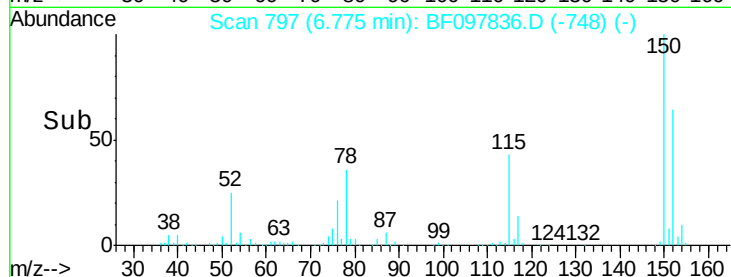
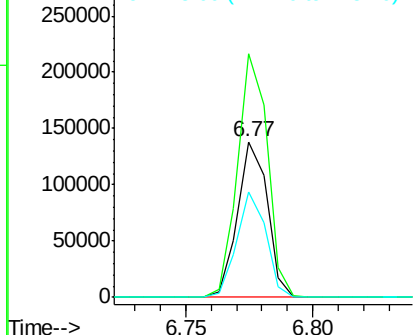
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097836.D
Acq: 18 Aug 2017 15:25

Instrument :
BNA_F
ClientSampleId :
1-1-2-DENSE-GRADE

Tgt Ion:152 Resp: 113021
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 67.6 52.2 78.2



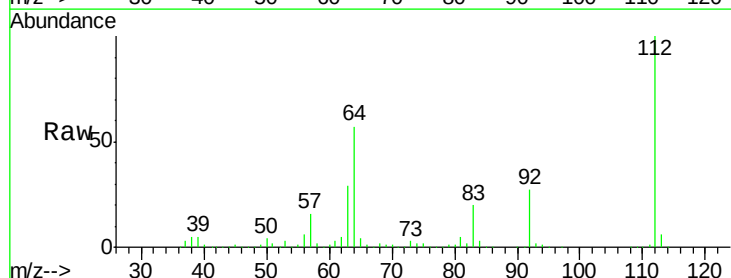
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



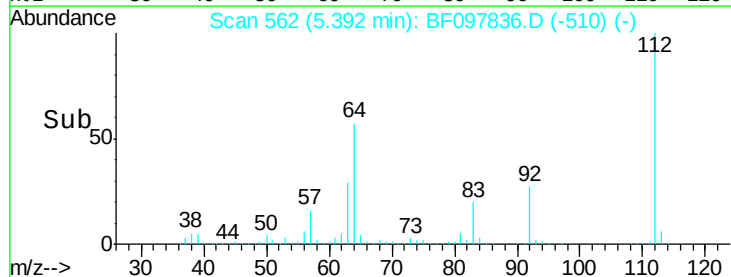
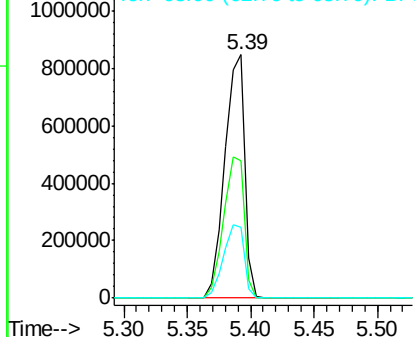
#5

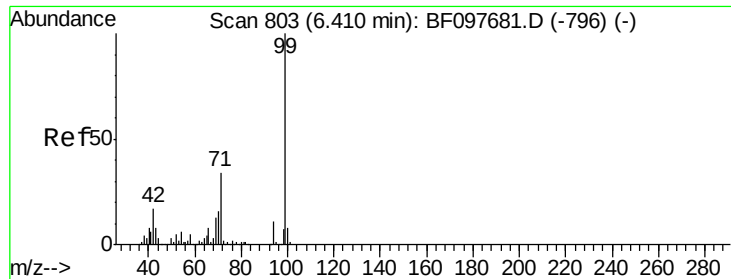
2-Fluorophenol
Concen: 124.328 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097836.D
Acq: 18 Aug 2017 15:25

Tgt Ion:112 Resp: 923797
Ion Ratio Lower Upper
112 100
64 56.7 46.0 69.0
63 28.9 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: 118.447 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097836.D

Acq: 18 Aug 2017 15:25

Instrument :

BNA_F

ClientSampleId :

1-1-2-DENSE-GRADE

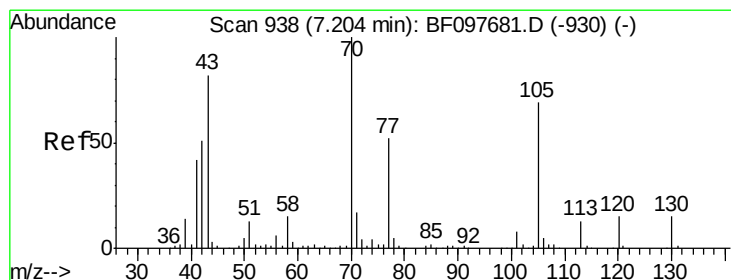
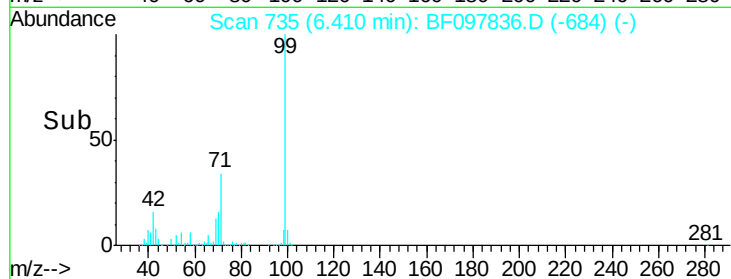
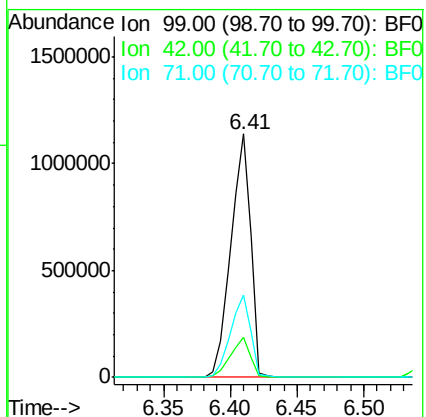
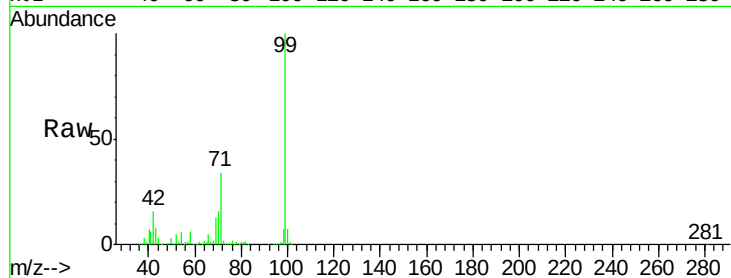
Tgt Ion: 99 Resp: 1195801

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

71 33.8 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.705 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.14 min

Lab File: BF097836.D

Acq: 18 Aug 2017 15:25

Tgt Ion: 70 Resp: 94715

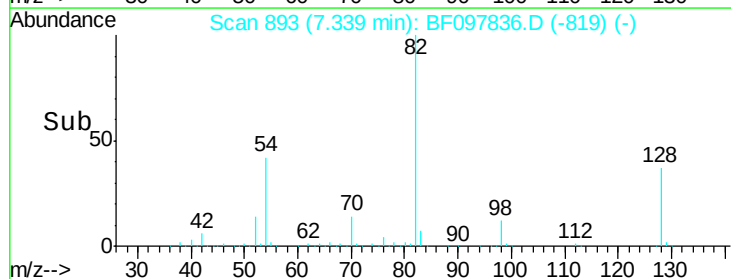
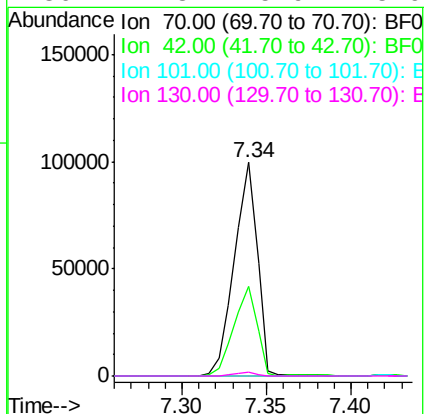
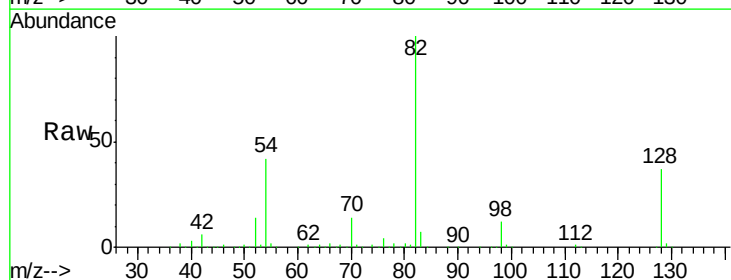
Ion Ratio Lower Upper

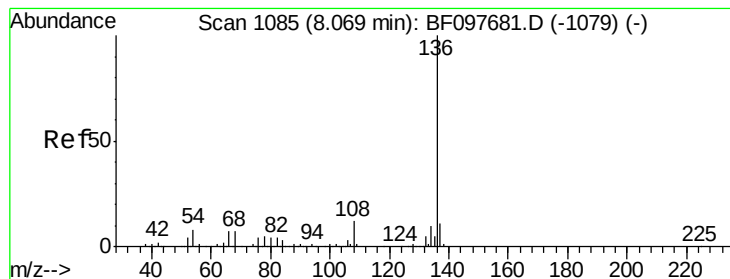
70 100

42 42.1 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097836.D

Acq: 18 Aug 2017 15:25

Instrument :

BNA_F

ClientSampleId :

1-1-2-DENSE-GRADE

Tgt Ion: 136 Resp: 400387

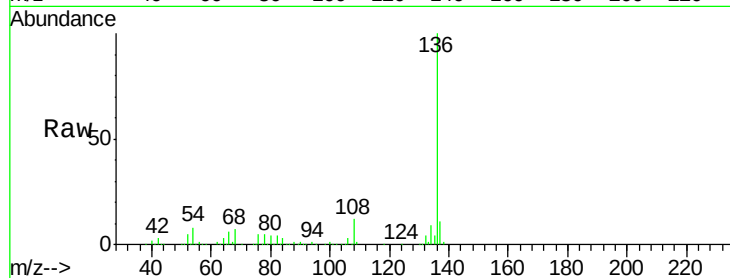
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.0 4.9 7.3#

68 7.4 4.1 6.1#

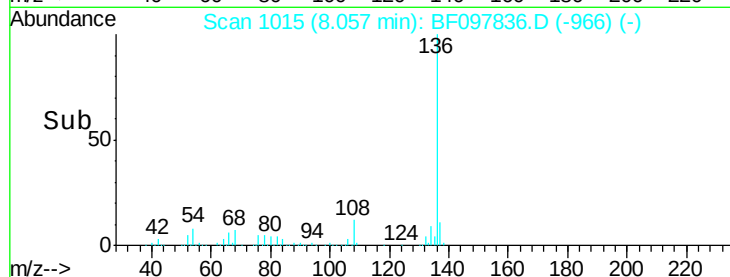


Abundance Ion 136.00 (135.70 to 136.70): E

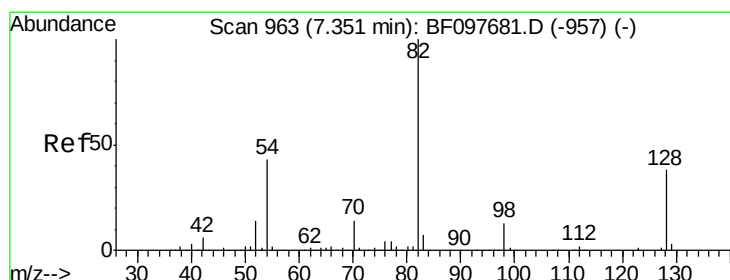
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 95.554 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF097836.D

Acq: 18 Aug 2017 15:25

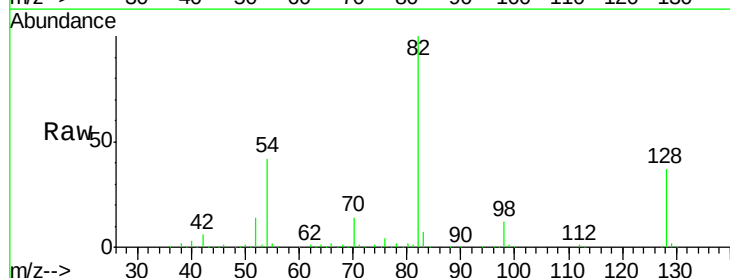
Tgt Ion: 82 Resp: 704260

Ion Ratio Lower Upper

82 100

128 37.3 34.0 51.0

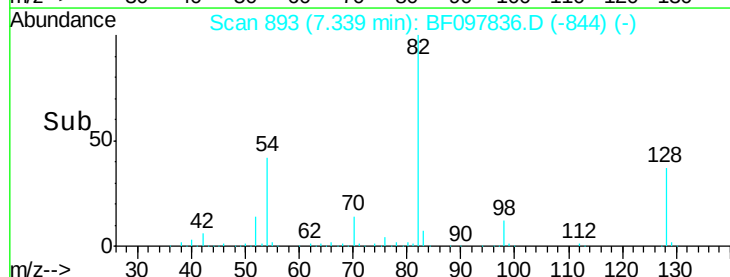
54 42.2 42.2 63.2



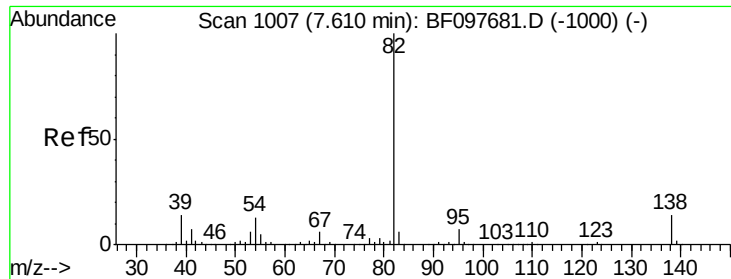
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 45.953 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.27 min

Lab File: BF097836.D

Acq: 18 Aug 2017 15:25

Instrument :

BNA_F

ClientSampleId :

1-1-2-DENSE-GRADE

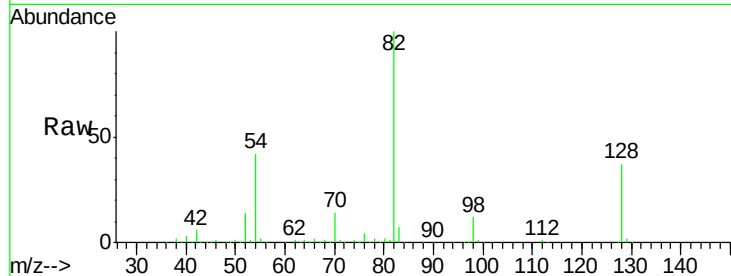
Tgt Ion: 82 Resp: 704255

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

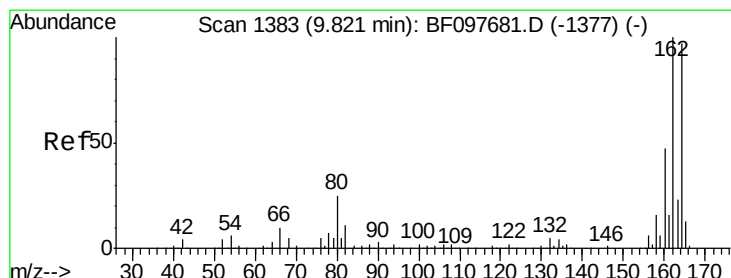
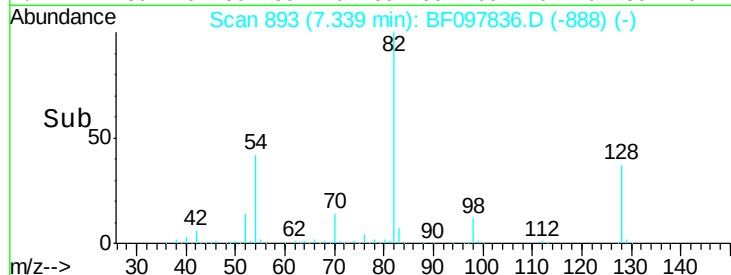
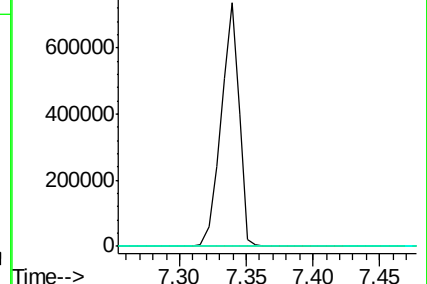
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF097836.D

Acq: 18 Aug 2017 15:25

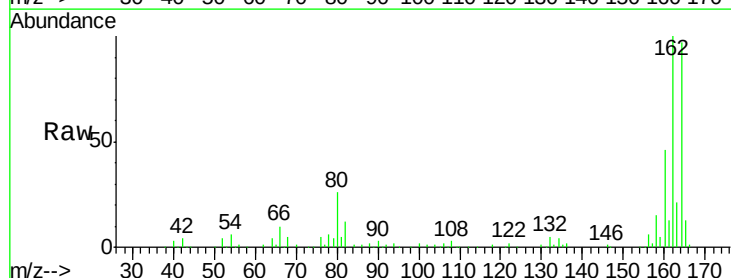
Tgt Ion: 164 Resp: 142163

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

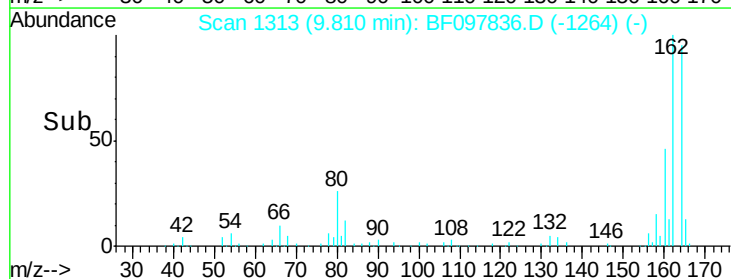
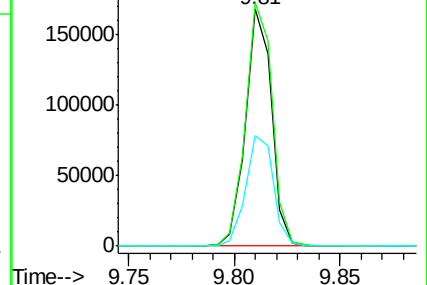
160 46.9 36.2 54.2

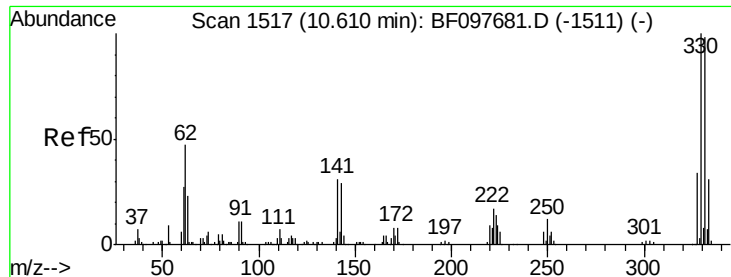


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 115.574 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF097836.D

Acq: 18 Aug 2017 15:25

Instrument :

BNA_F

ClientSampleId :

1-1-2-DENSE-GRADE

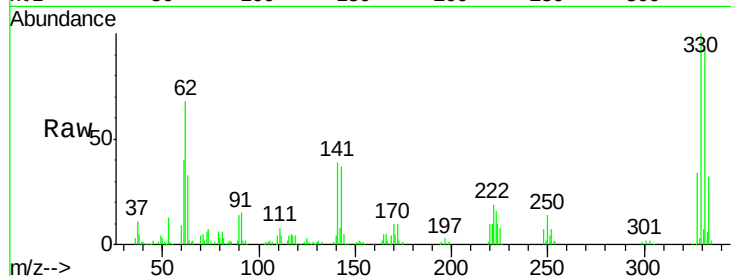
Tgt Ion:330 Resp: 142560

Ion Ratio Lower Upper

330 100

332 93.6 76.6 115.0

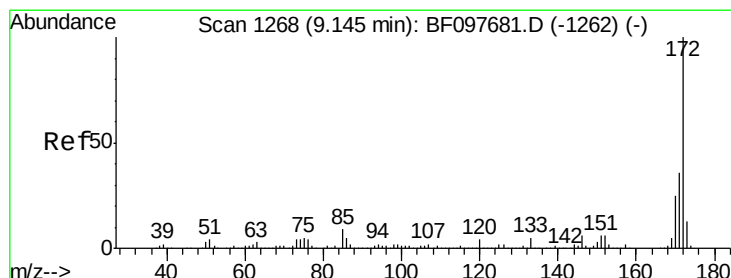
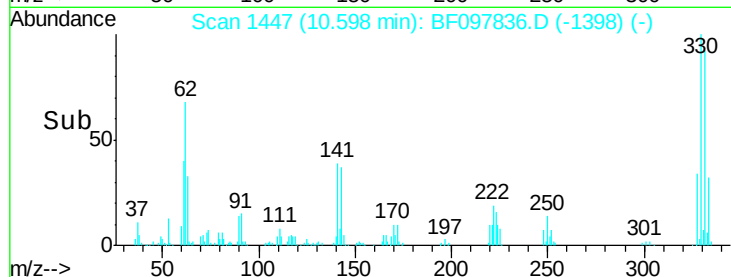
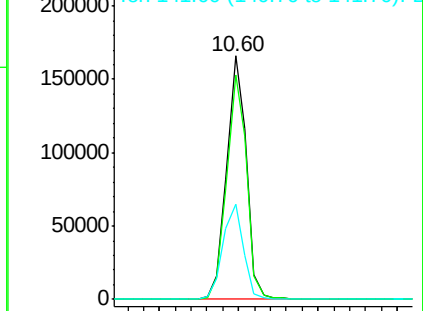
141 41.0 31.4 47.2



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: 95.455 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF097836.D

Acq: 18 Aug 2017 15:25

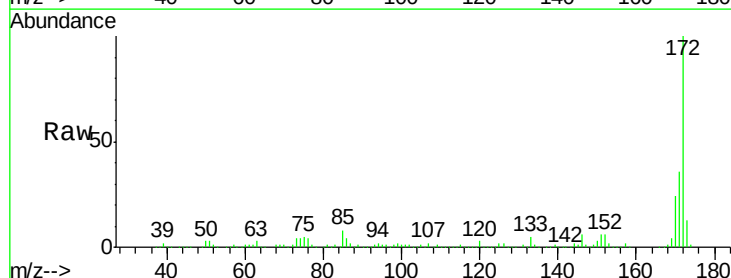
Tgt Ion:172 Resp: 923639

Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

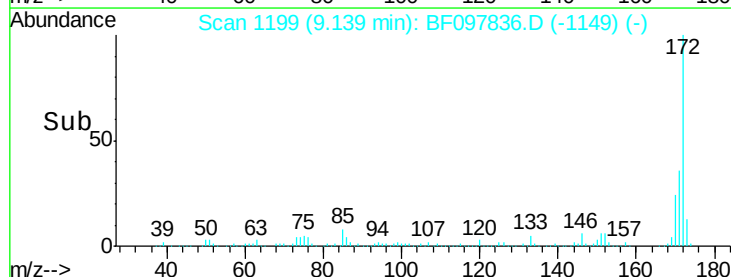
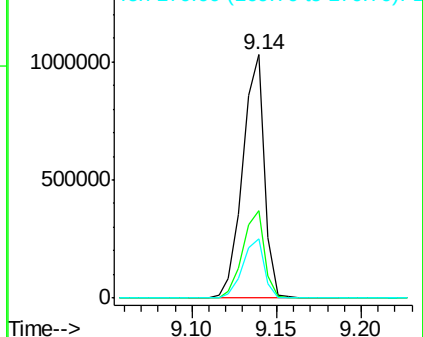
170 24.4 19.8 29.8

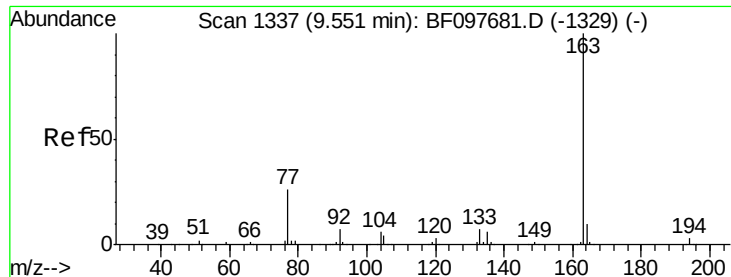


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

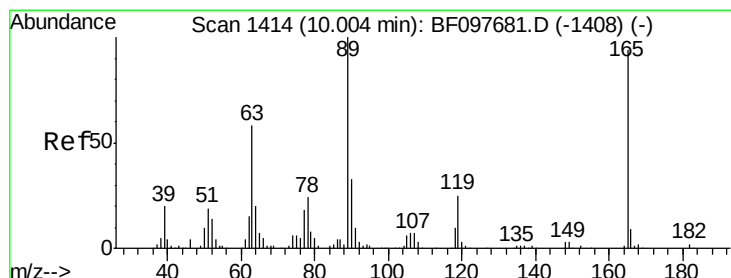
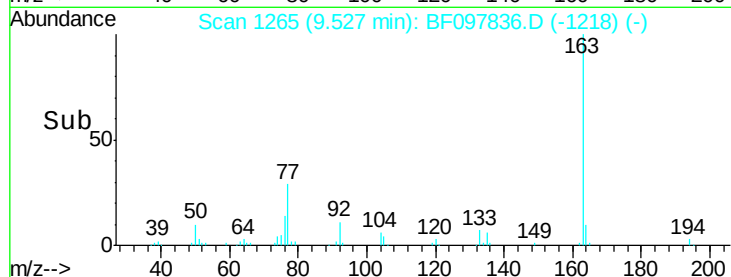
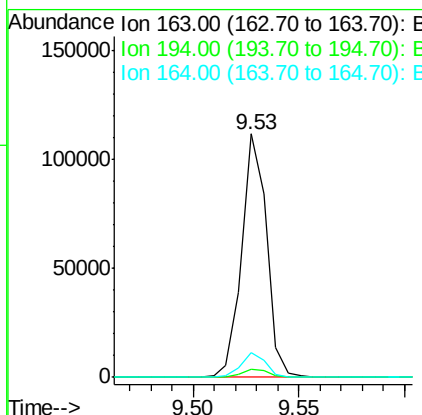
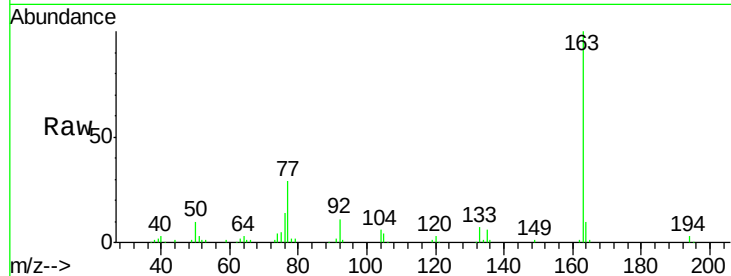




#49
Dimethylphthalate
Concen: 8.786 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097836.D
Acq: 18 Aug 2017 15:25

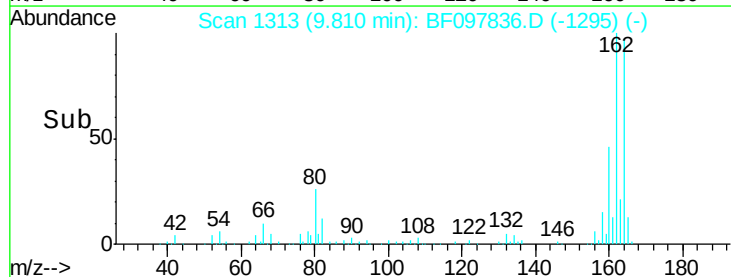
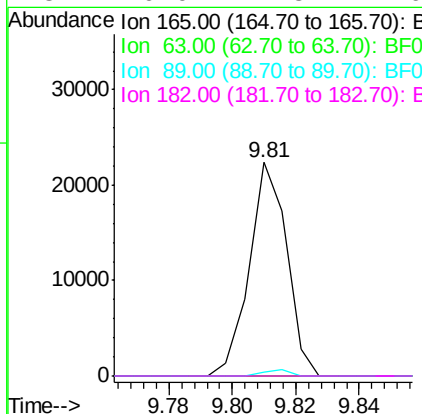
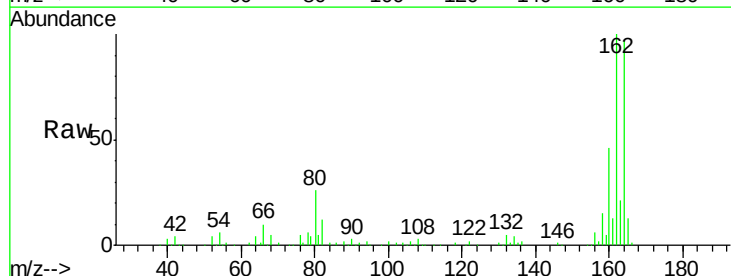
Instrument :
BNA_F
ClientSampleId :
1-1-2-DENSE-GRADE

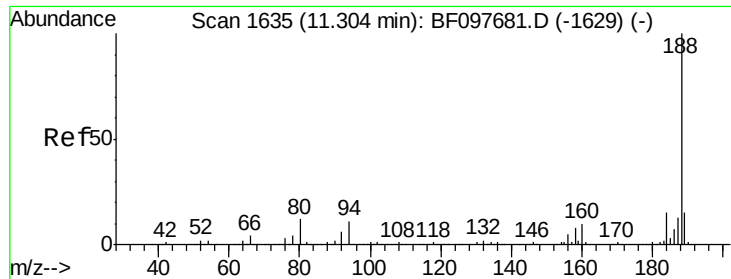
Tgt Ion:163 Resp: 91303
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.3 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 7.047 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF097836.D
Acq: 18 Aug 2017 15:25

Tgt Ion:165 Resp: 18344
Ion Ratio Lower Upper
165 100
63 0.0 25.4 38.0#
89 1.9 46.4 69.6#
182 0.0 1.8 2.6#

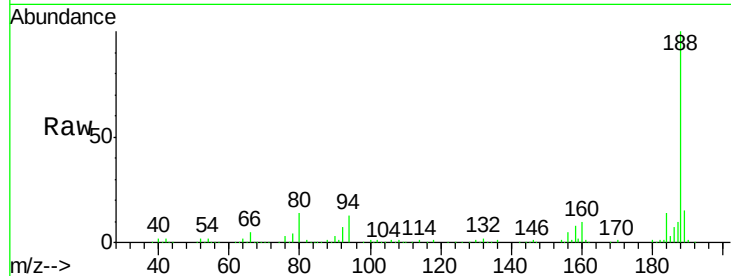




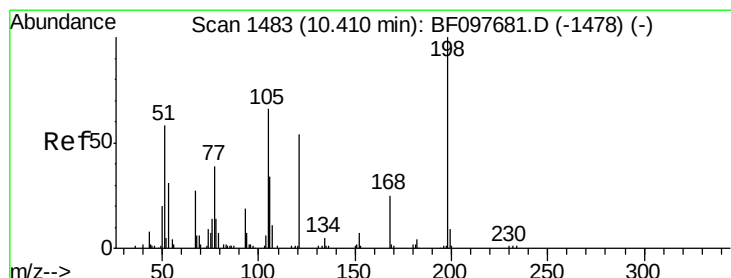
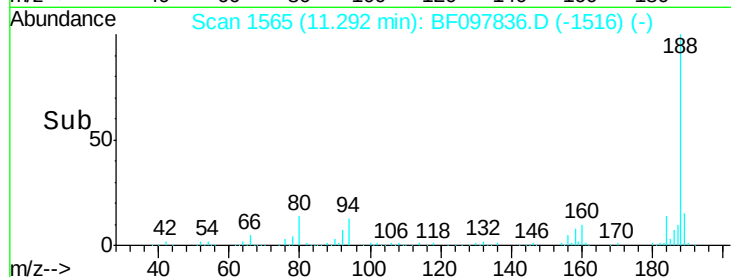
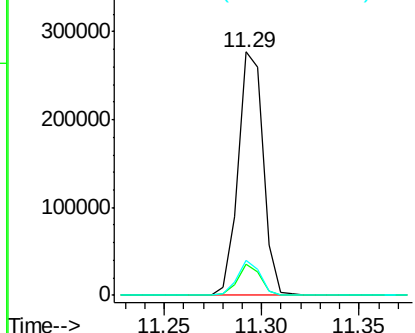
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097836.D
Acq: 18 Aug 2017 15:25

Instrument :
BNA_F
ClientSampleId :
1-1-2-DENSE-GRADE

Tgt Ion:188 Resp: 247724
Ion Ratio Lower Upper
188 100
94 12.6 9.4 14.2
80 14.2 10.2 15.2

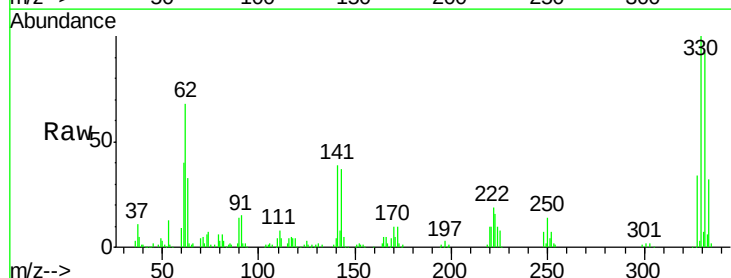


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

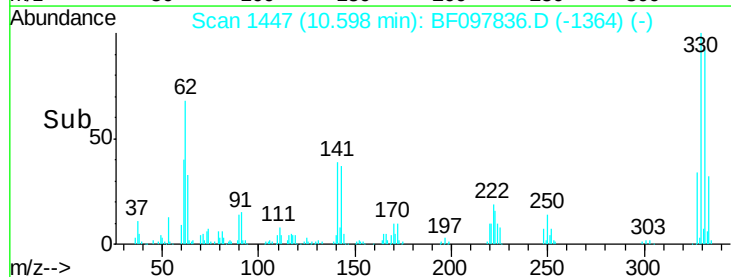
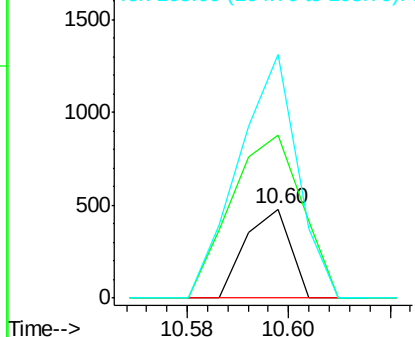


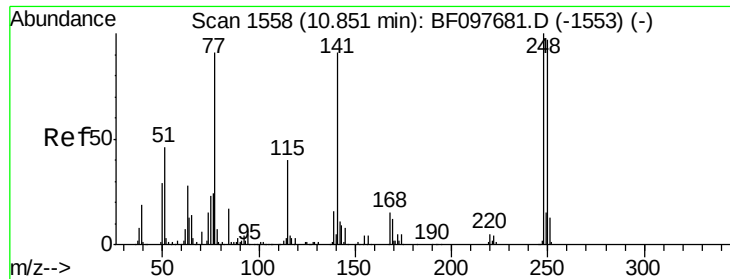
#64
4,6-Dinitro-2-methylphenol
Concen: 8.529 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.19 min
Lab File: BF097836.D
Acq: 18 Aug 2017 15:25

Tgt Ion:198 Resp: 294
Ion Ratio Lower Upper
198 100
51 183.1 53.2 93.2#
105 272.9 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

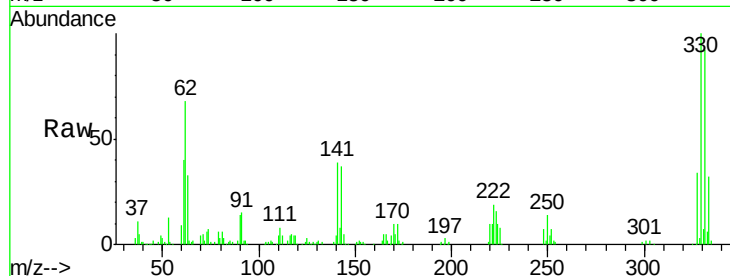




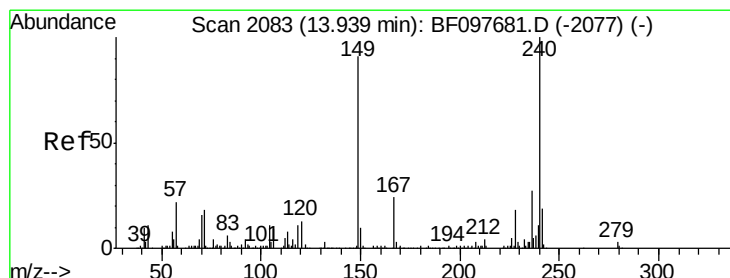
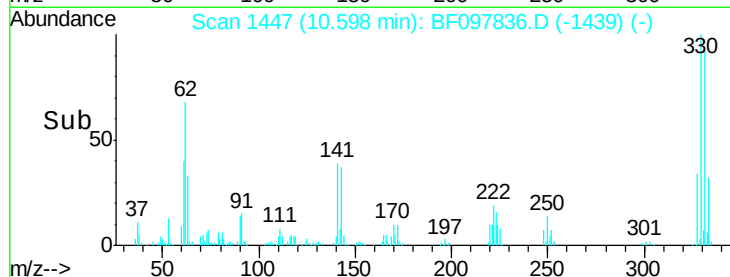
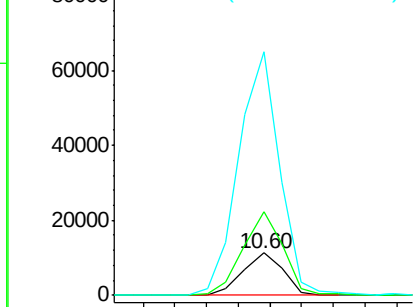
#66
 4-Bromophenyl-phenylether
 Concen: 3.830 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF097836.D
 Acq: 18 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :
 1-1-2-DENSE-GRADE

Tgt Ion:248 Resp: 9852
 Ion Ratio Lower Upper
 248 100
 250 199.2 76.8 115.2#
 141 576.5 68.6 103.0#

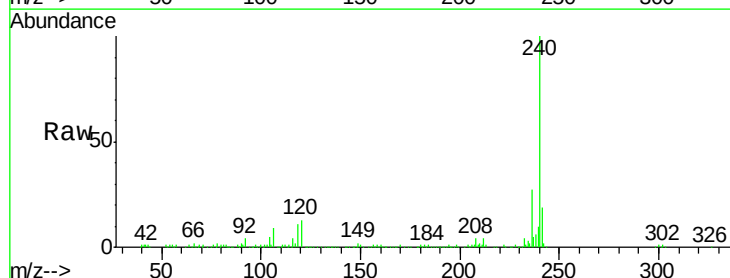


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

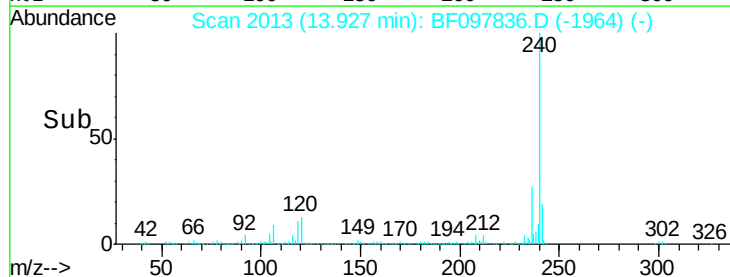
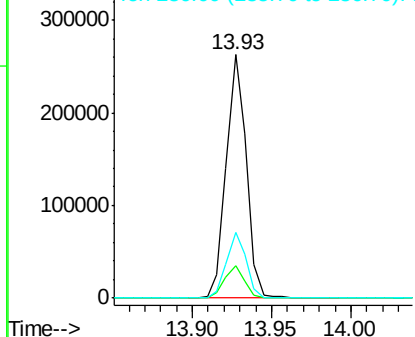


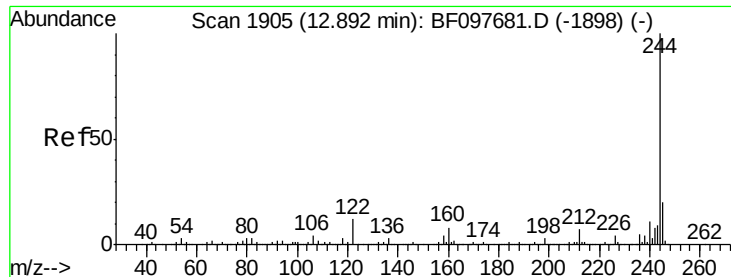
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF097836.D
 Acq: 18 Aug 2017 15:25

Tgt Ion:240 Resp: 229915
 Ion Ratio Lower Upper
 240 100
 120 13.2 5.8 8.8#
 236 26.8 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

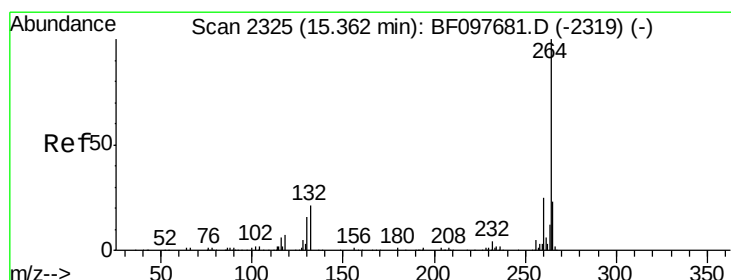
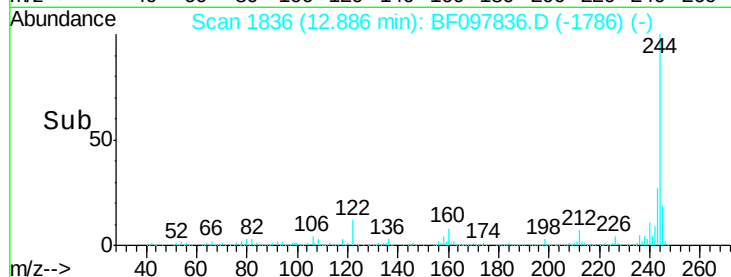
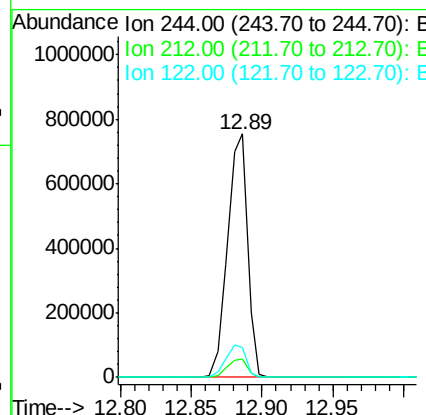
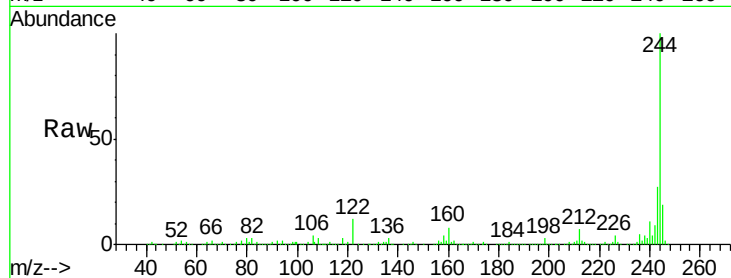




#78
 Terphenyl-d14
 Concen: 67.485 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF097836.D
 Acq: 18 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :
 1-1-2-DENSE-GRADE

Tgt Ion:244 Resp: 744048
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 12.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2257
 Delta R.T. 0.00 min
 Lab File: BF097836.D
 Acq: 18 Aug 2017 15:25

Tgt Ion:264 Resp: 149840
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.0 17.2 25.8

