

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082910.D
 Acq On : 13 Nov 2015 21:25
 Operator : UM/IZ
 Sample : G4370-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS004-01

Quant Time: Nov 13 22:27:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

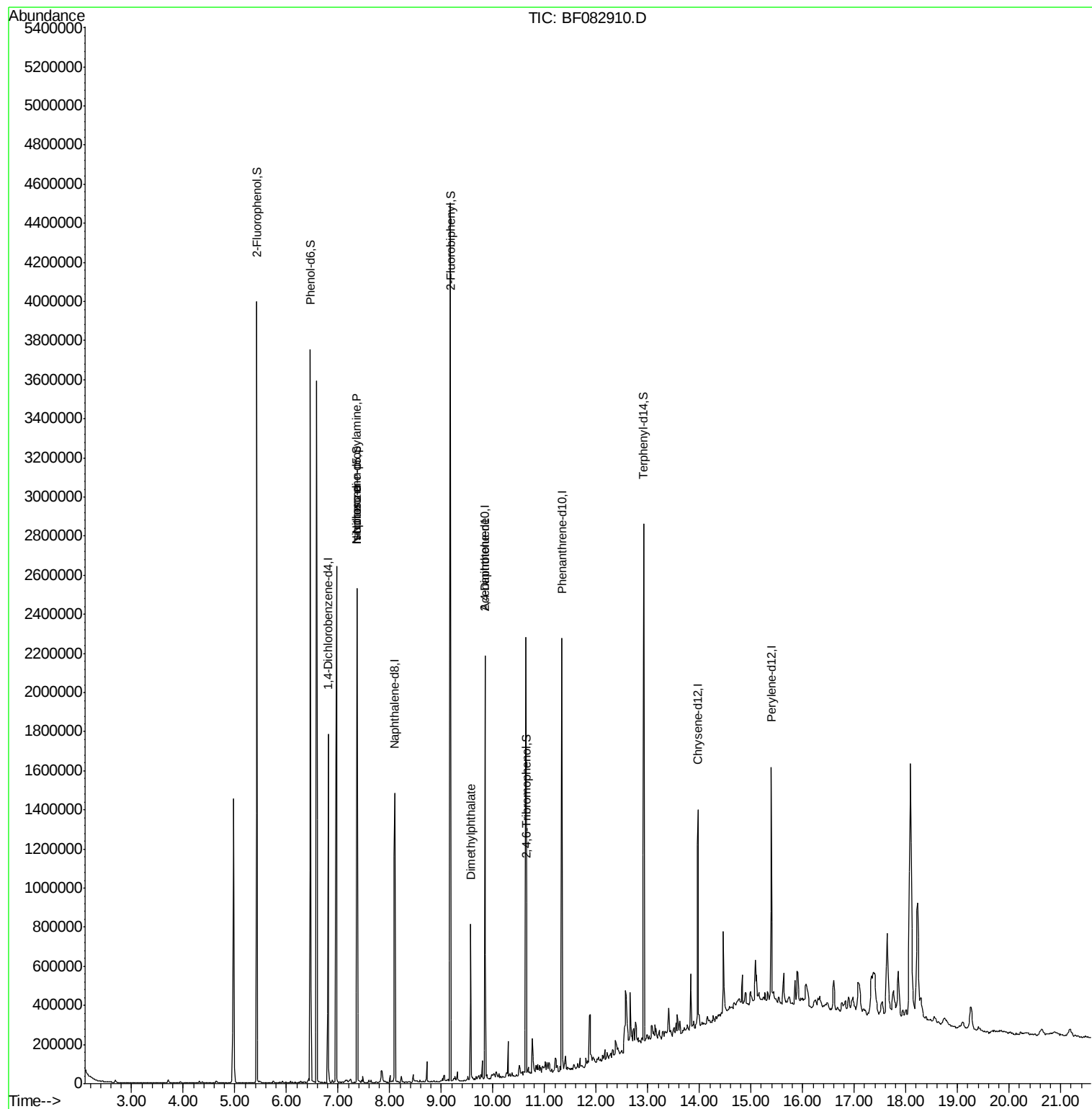
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	249473	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	885789	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	425905	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	750283	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	537458	20.00	ng	-0.05
86) Perylene-d12	15.39	264	570992	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1066224	66.50	ng	-0.02
7) Phenol-d6	6.46	99	1275889	59.86	ng	-0.01
23) Nitrobenzene-d5	7.37	82	818654	40.21	ng	-0.04
41) 2,4,6-Tribromophenol	10.65	330	275734	56.46	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1189477	40.03	ng	-0.05
78) Terphenyl-d14	12.92	244	859132	37.91	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	110722	7.07	ng	# 69
25) Isophorone	7.37	82	704917	18.71	ng	# 70
49) Dimethylphthalate	9.57	163	382891	10.97	ng	98
56) 2,4-Dinitrotoluene	9.85	165	57256	5.67	ng	# 16

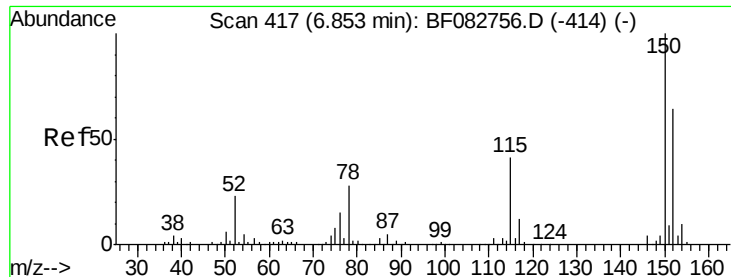
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF082910.D

Acq: 13 Nov 2015 21:25

Instrument :

BNA_F

ClientSampleId :

P001-TS004-01

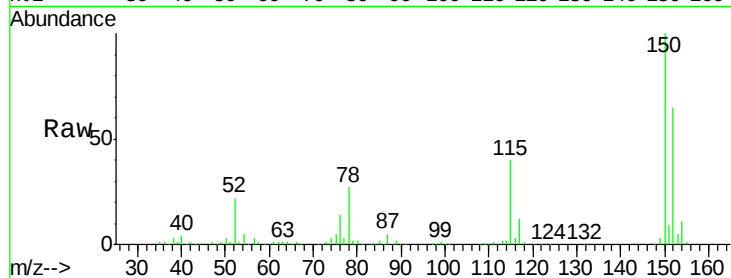
Tgt Ion:152 Resp: 249473

Ion Ratio Lower Upper

152 100

150 154.0 127.0 190.4

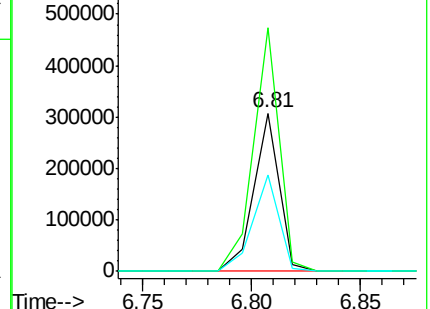
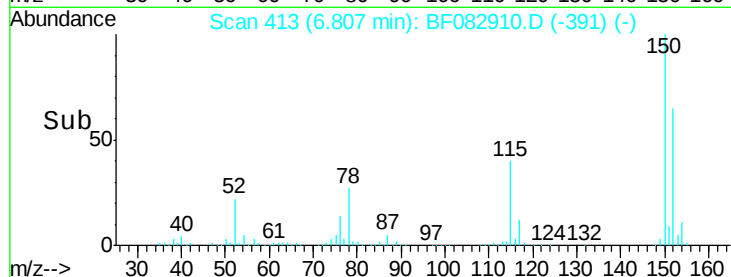
115 61.2 47.0 70.6



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: 66.50 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082910.D

Acq: 13 Nov 2015 21:25

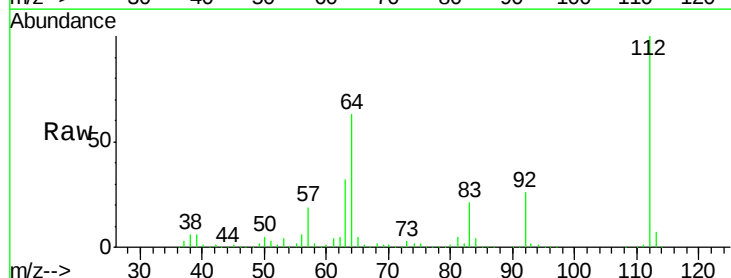
Tgt Ion:112 Resp: 1066224

Ion Ratio Lower Upper

112 100

64 62.9 48.9 73.3

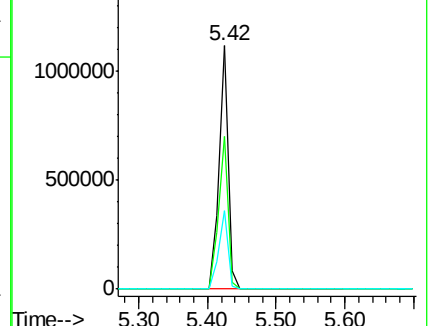
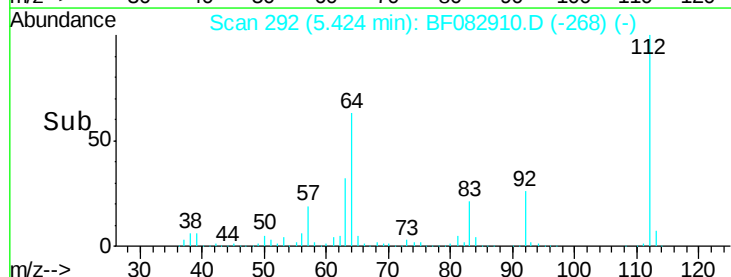
63 32.2 28.1 42.1

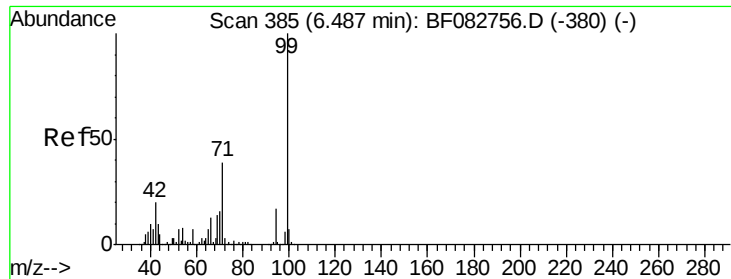


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 59.86 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082910.D

Acq: 13 Nov 2015 21:25

Instrument :

BNA_F

ClientSampleId :

P001-TS004-01

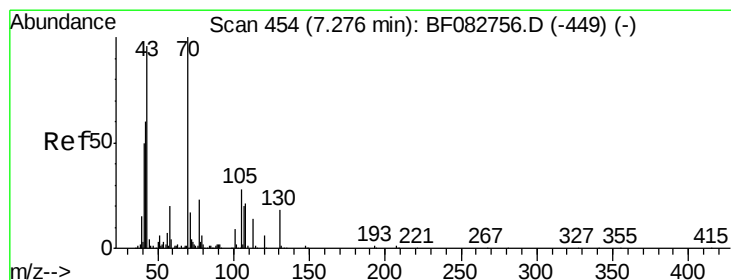
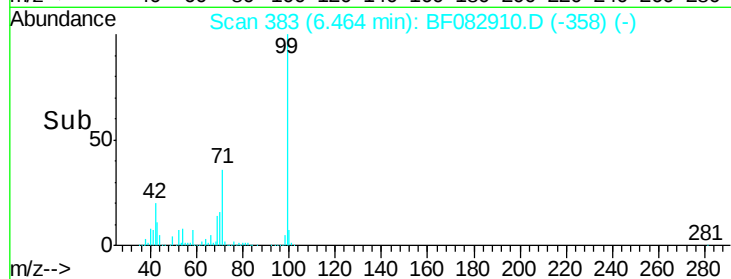
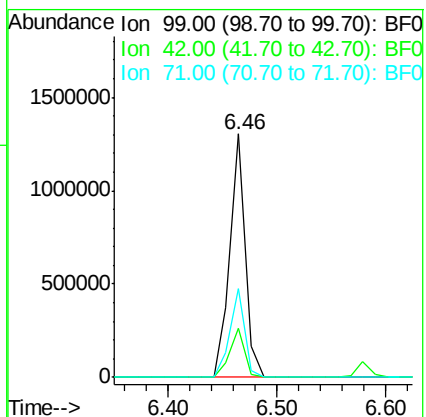
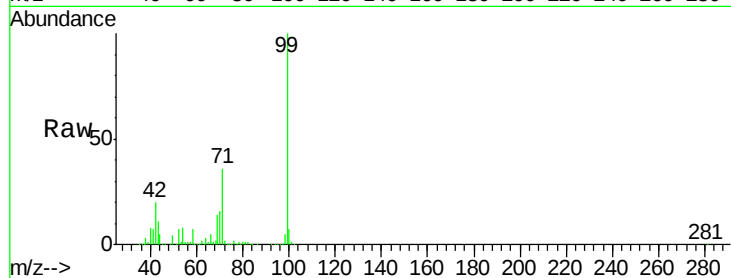
Tgt Ion: 99 Resp: 1275889

Ion Ratio Lower Upper

99 100

42 20.0 19.2 28.8

71 36.4 35.0 52.4



#19

n-Nitroso-di-n-propylamine

Concen: 7.07 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.10 min

Lab File: BF082910.D

Acq: 13 Nov 2015 21:25

Tgt Ion: 70 Resp: 110722

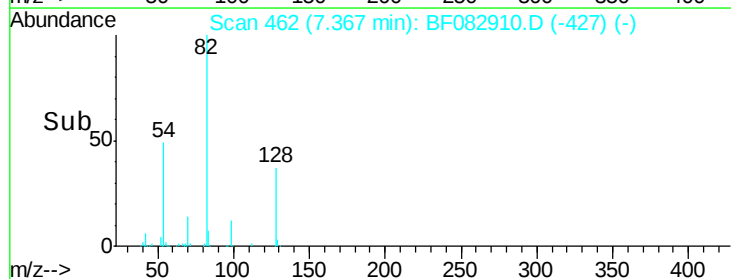
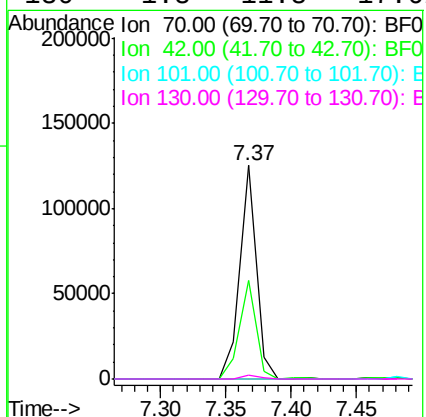
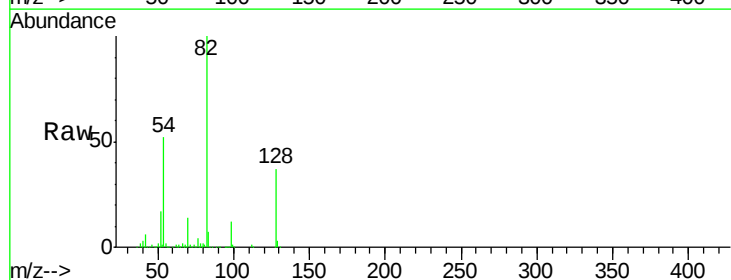
Ion Ratio Lower Upper

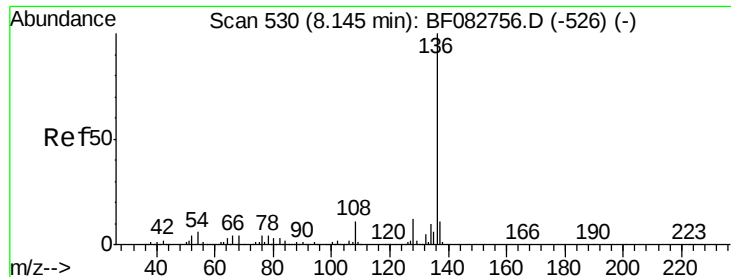
70 100

42 46.0 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 11.8 17.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.05 min

Lab File: BF082910.D

Acq: 13 Nov 2015 21:25

Instrument :

BNA_F

ClientSampleId :

P001-TS004-01

Tgt Ion: 136 Resp: 885789

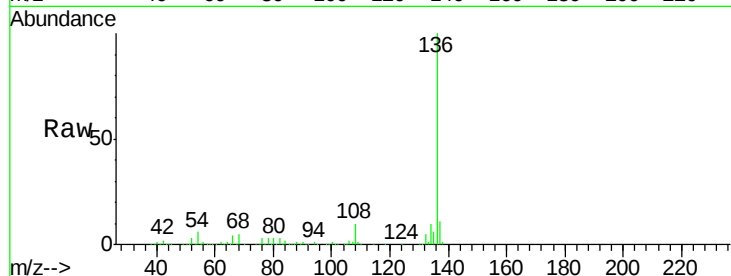
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.9 9.1 13.7#

68 4.7 4.8 7.2#

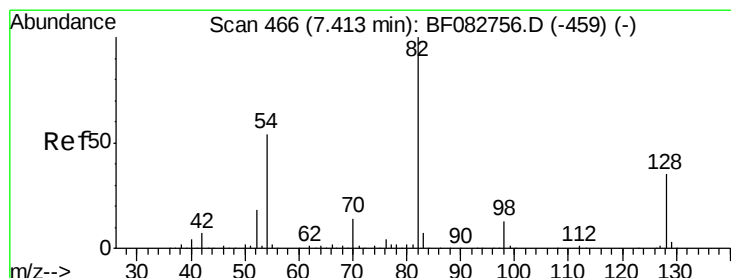
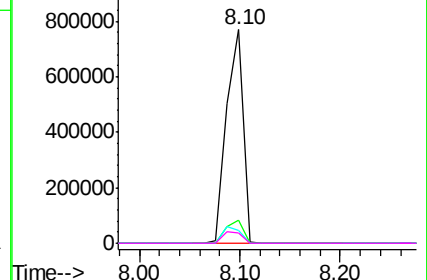
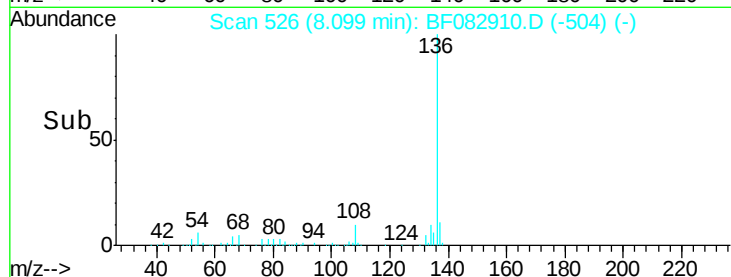


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.21 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.04 min

Lab File: BF082910.D

Acq: 13 Nov 2015 21:25

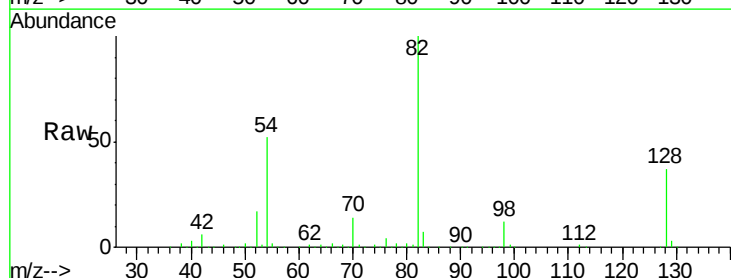
Tgt Ion: 82 Resp: 818654

Ion Ratio Lower Upper

82 100

128 37.1 26.8 40.2

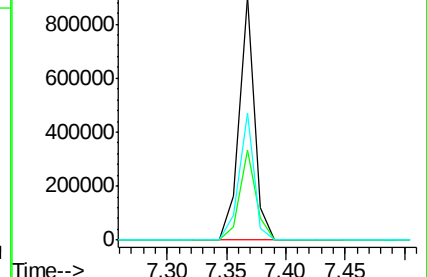
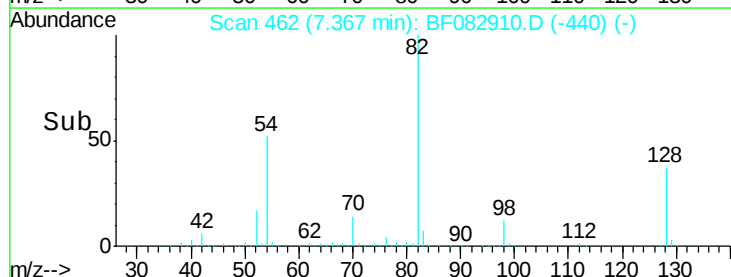
54 52.1 45.7 68.5

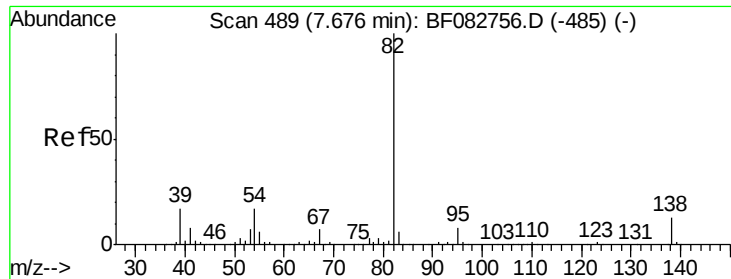


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 18.71 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.31 min

Lab File: BF082910.D

Acq: 13 Nov 2015 21:25

Instrument :

BNA_F

ClientSampleId :

P001-TS004-01

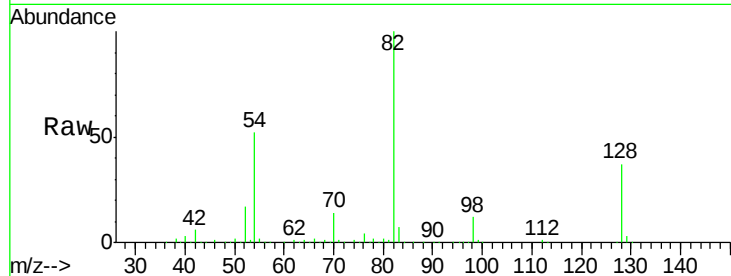
Tgt Ion: 82 Resp: 704917

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

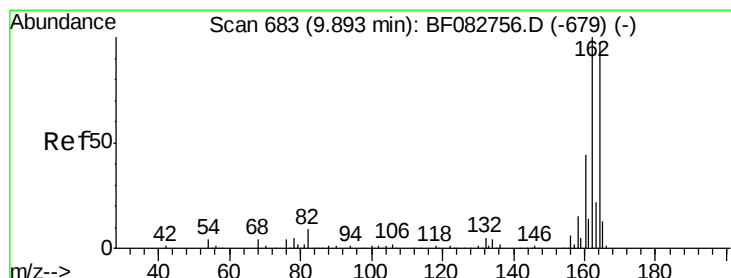
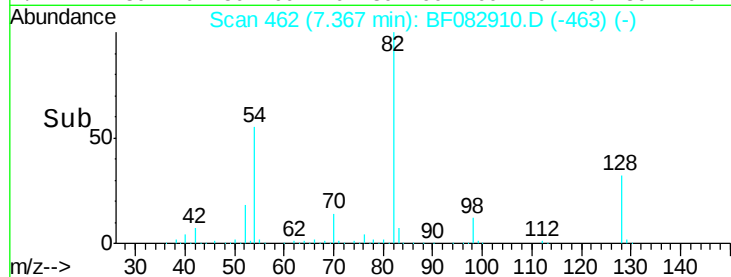
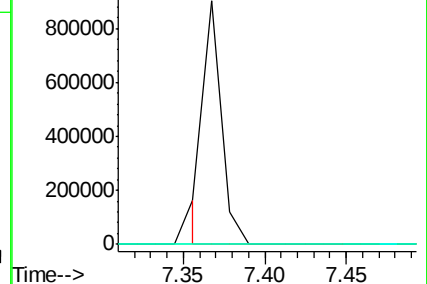
138 0.0 11.4 17.0#



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: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF082910.D

Acq: 13 Nov 2015 21:25

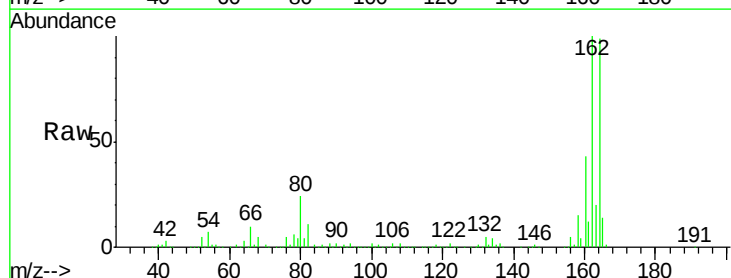
Tgt Ion: 164 Resp: 425905

Ion Ratio Lower Upper

164 100

162 101.2 84.9 127.3

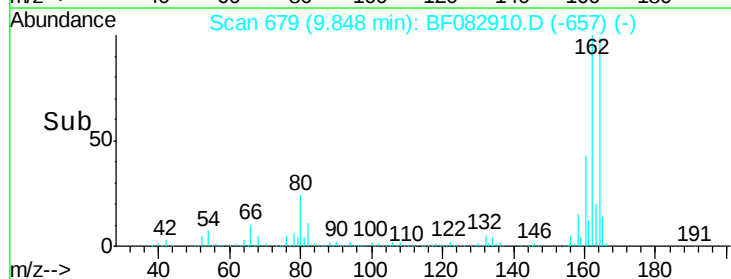
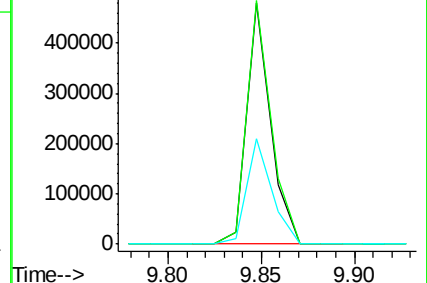
160 43.8 37.5 56.3

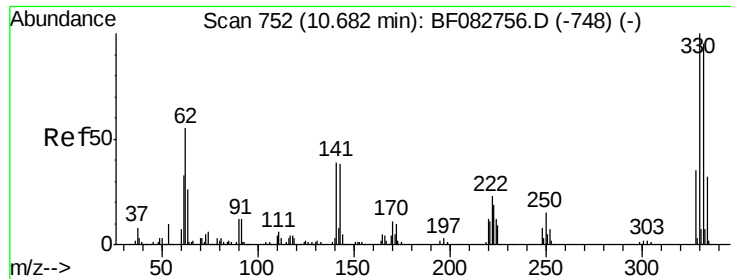


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

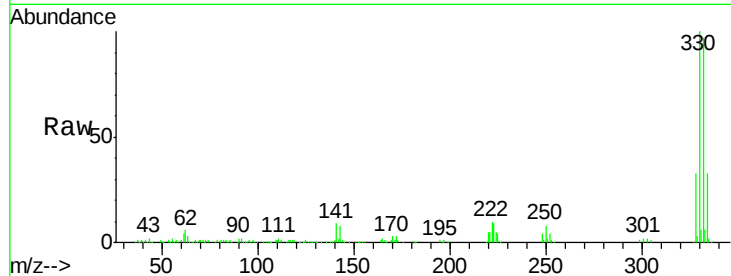




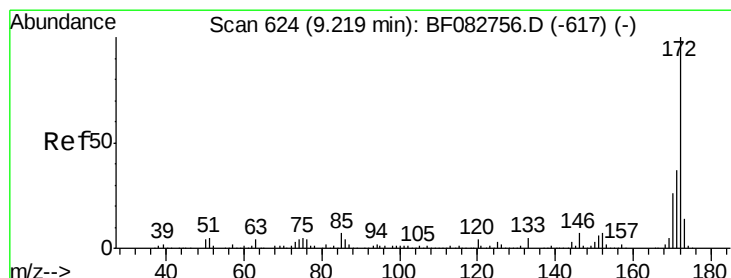
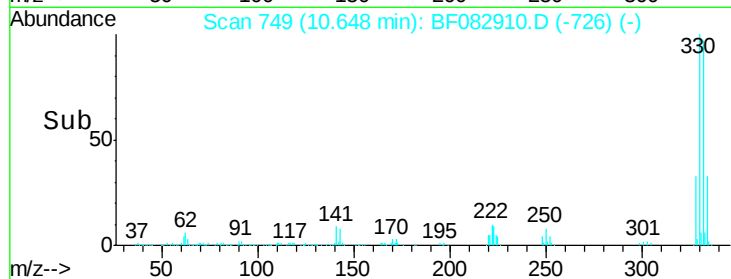
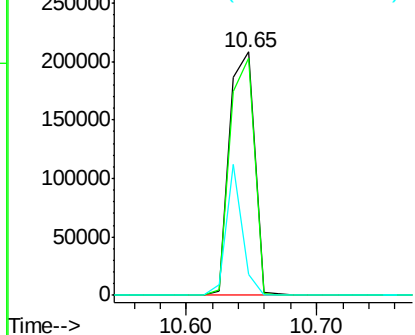
#41
 2,4,6-Tribromophenol
 Concen: 56.46 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082910.D
 Acq: 13 Nov 2015 21:25

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS004-01

Tgt Ion:330 Resp: 275734
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 35.3 41.2 61.8#

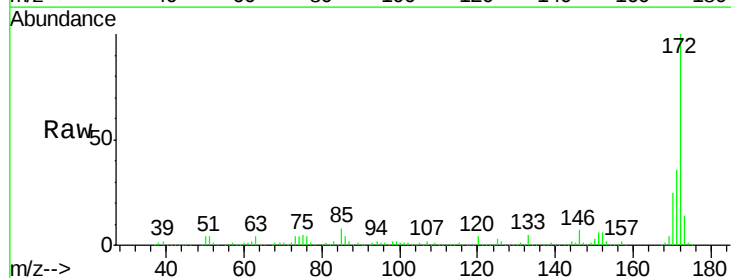


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

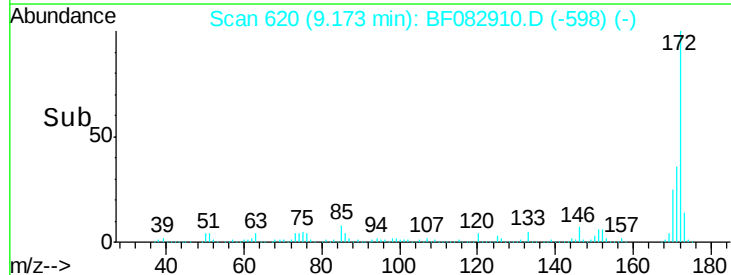
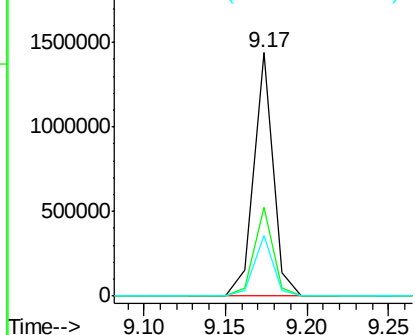


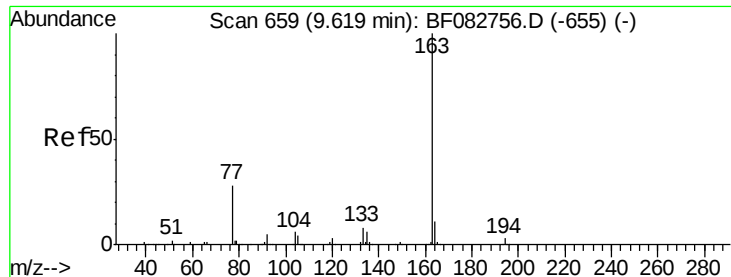
#44
 2-Fluorobiphenyl
 Concen: 40.03 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082910.D
 Acq: 13 Nov 2015 21:25

Tgt Ion:172 Resp: 1189477
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.8 46.2
 170 24.8 21.2 31.8



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

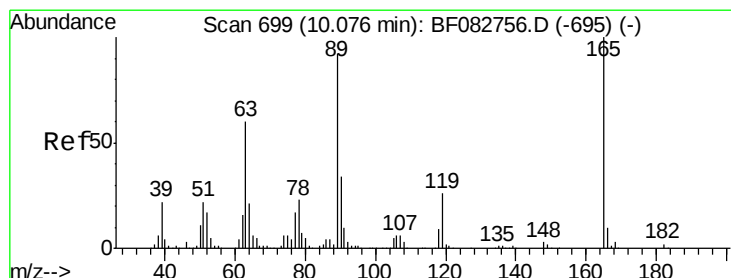
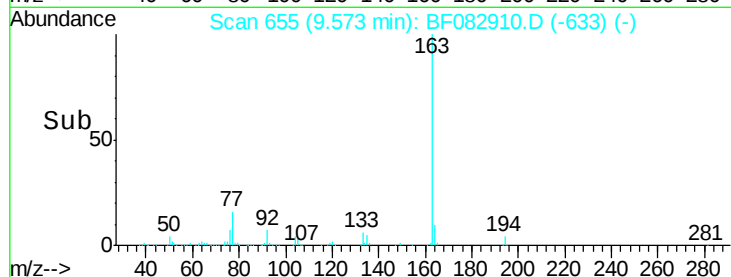
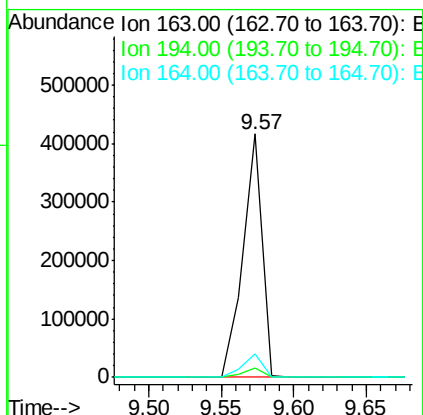
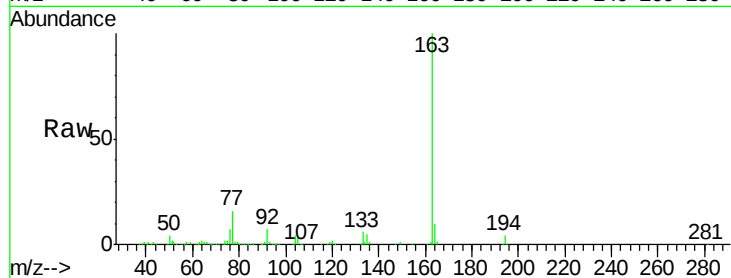




#49
Dimethylphthalate
Concen: 10.97 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF082910.D
Acq: 13 Nov 2015 21:25

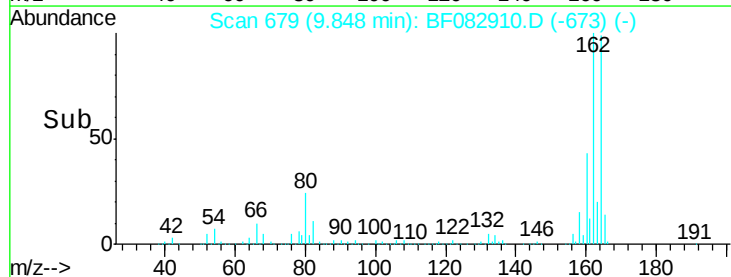
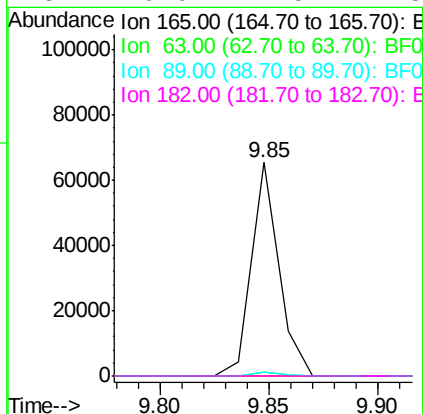
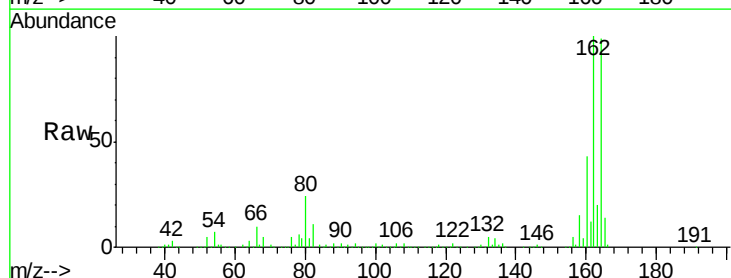
Instrument :
BNA_F
ClientSampleId :
P001-TS004-01

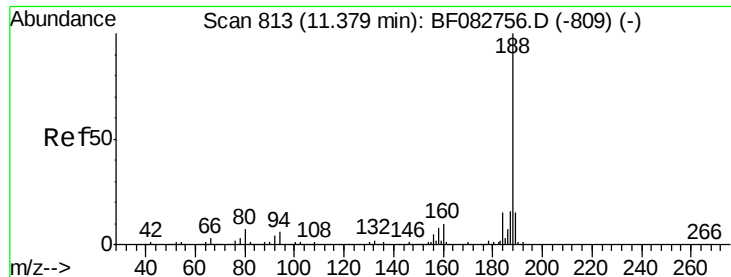
Tgt Ion:163 Resp: 382891
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.8 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 5.67 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.23 min
Lab File: BF082910.D
Acq: 13 Nov 2015 21:25

Tgt Ion:165 Resp: 57256
Ion Ratio Lower Upper
165 100
63 1.7 43.4 65.0#
89 1.7 70.6 106.0#
182 0.0 1.5 2.3#

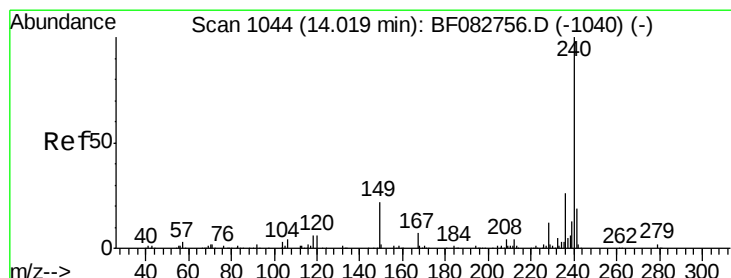
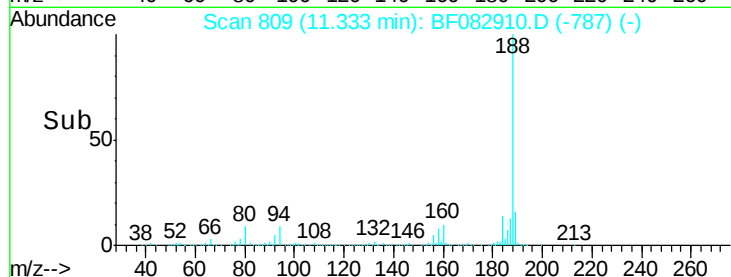
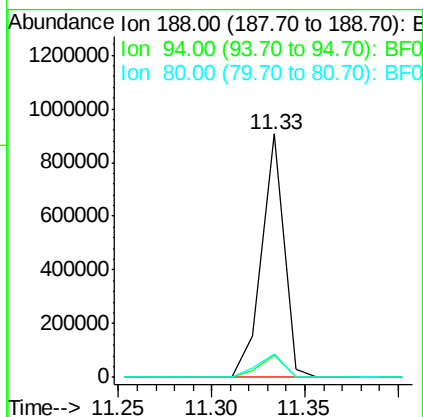
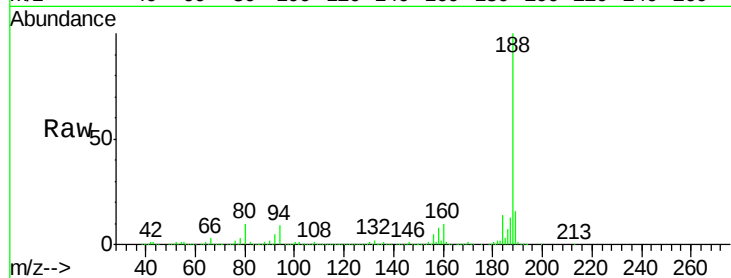




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF082910.D
Acq: 13 Nov 2015 21:25

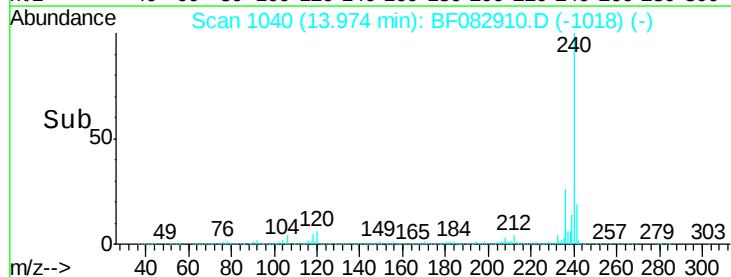
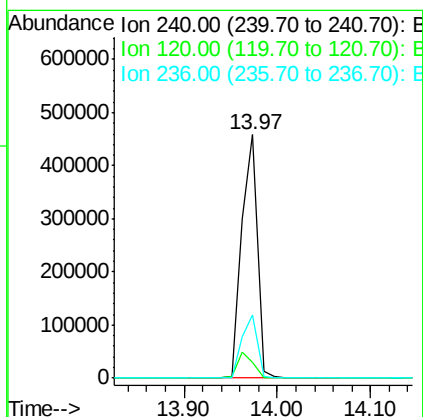
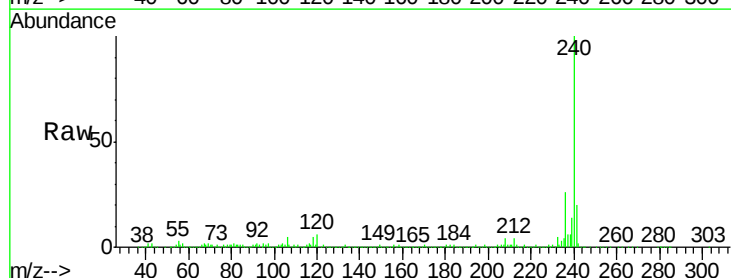
Instrument :
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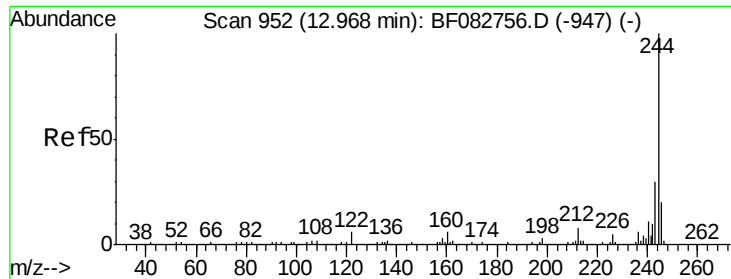
Tgt Ion:188 Resp: 750283
Ion Ratio Lower Upper
188 100
94 8.9 6.1 9.1
80 9.5 7.0 10.6



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF082910.D
Acq: 13 Nov 2015 21:25

Tgt Ion:240 Resp: 537458
Ion Ratio Lower Upper
240 100
120 6.4 10.9 16.3#
236 25.9 21.6 32.4

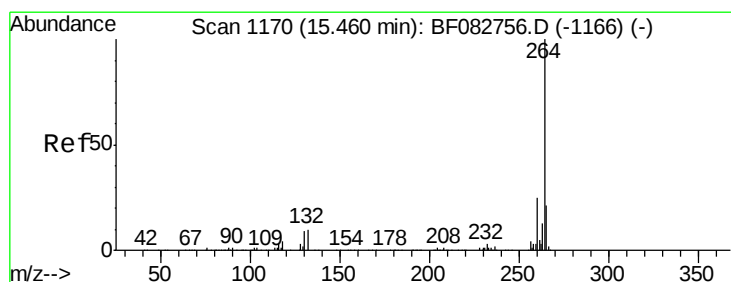
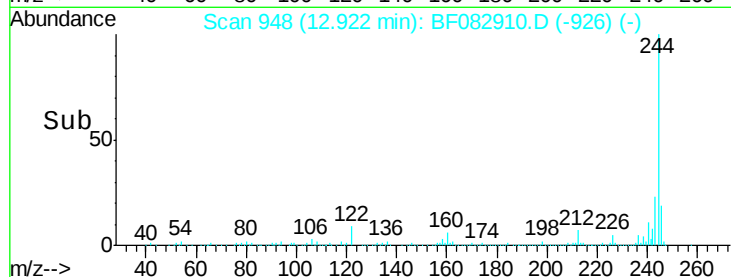
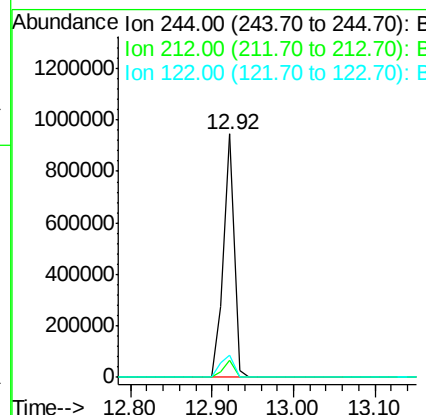
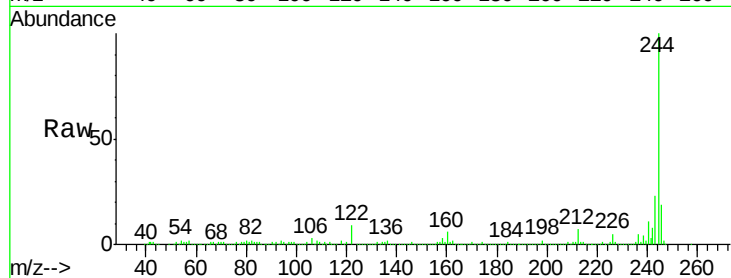




#78
 Terphenyl-d14
 Concen: 37.91 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.04 min
 Lab File: BF082910.D
 Acq: 13 Nov 2015 21:25

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS004-01

Tgt Ion:244 Resp: 859132
 Ion Ratio Lower Upper
 244 100
 212 7.1 7.6 11.4#
 122 8.9 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.07 min
 Lab File: BF082910.D
 Acq: 13 Nov 2015 21:25

Tgt Ion:264 Resp: 570992
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.8 29.6
 265 22.6 17.4 26.0

