

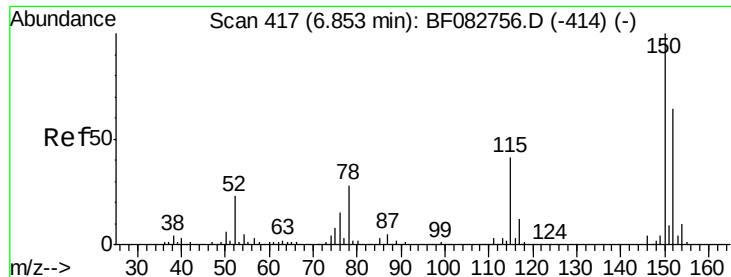
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082913.D
 Acq On : 13 Nov 2015 22:53
 Operator : UM/IZ
 Sample : G4370-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS002-01

Quant Time: Nov 14 03:09:00 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	249885	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	964154	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	430921	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	722926	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	545498	20.00	ng	-0.05
86) Perylene-d12	15.39	264	569585	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1045529	65.10	ng	-0.01
7) Phenol-d6	6.46	99	1397636	65.46	ng	-0.01
23) Nitrobenzene-d5	7.37	82	804116	36.29	ng	-0.04
41) 2,4,6-Tribromophenol	10.65	330	285468	57.78	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1042668	34.68	ng	-0.05
78) Terphenyl-d14	12.92	244	746184	32.44	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	103501	6.59	ng	# 71
25) Isophorone	7.37	82	723883	17.66	ng	# 69
49) Dimethylphthalate	9.57	163	430842	12.20	ng	98
56) 2,4-Dinitrotoluene	9.85	165	55578	5.44	ng	# 15
66) 4-Bromophenyl-phenylether	10.65	248	18081	2.08	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF082913.D

Acq: 13 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

P001-TS002-01

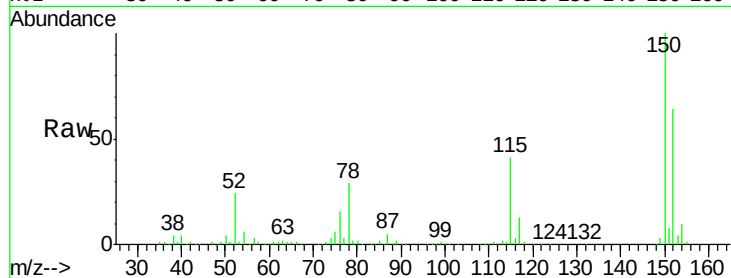
Tgt Ion:152 Resp: 249885

Ion Ratio Lower Upper

152 100

150 157.3 127.0 190.4

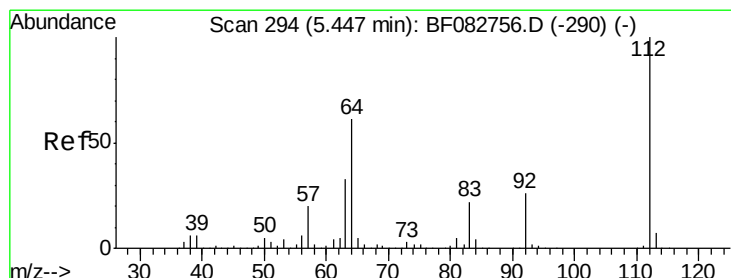
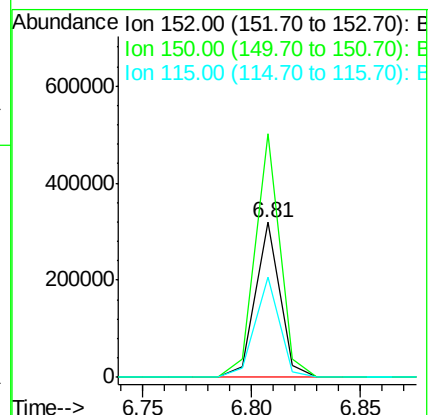
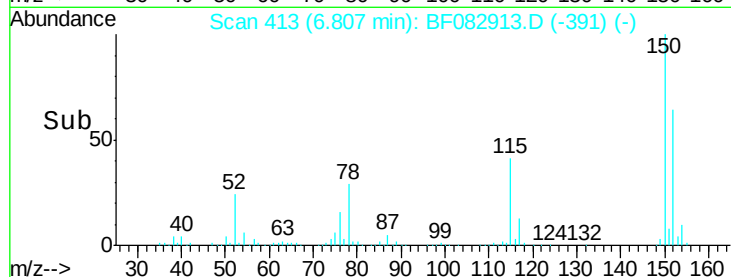
115 64.5 47.0 70.6



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: 65.10 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF082913.D

Acq: 13 Nov 2015 22:53

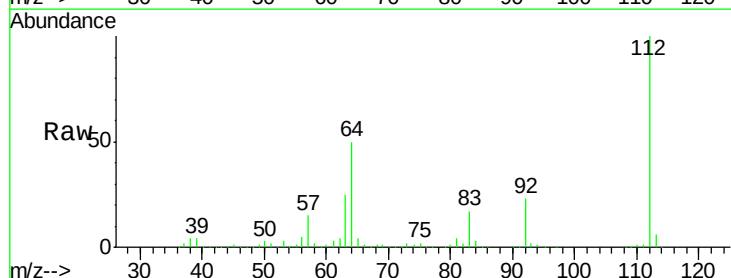
Tgt Ion:112 Resp: 1045529

Ion Ratio Lower Upper

112 100

64 50.1 48.9 73.3

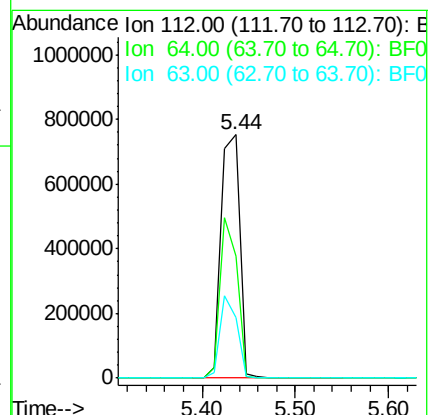
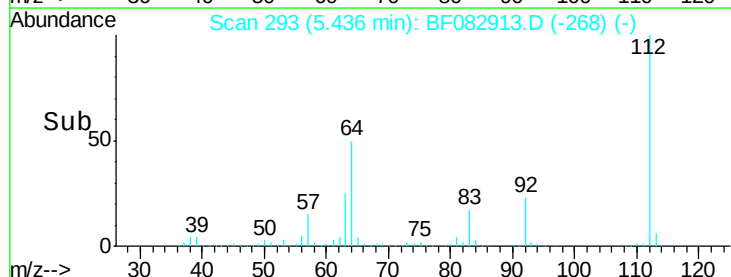
63 24.8 28.1 42.1#

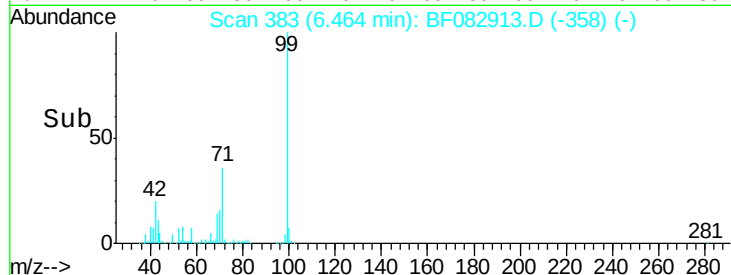
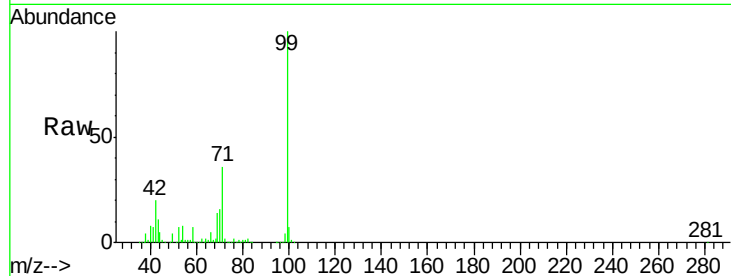
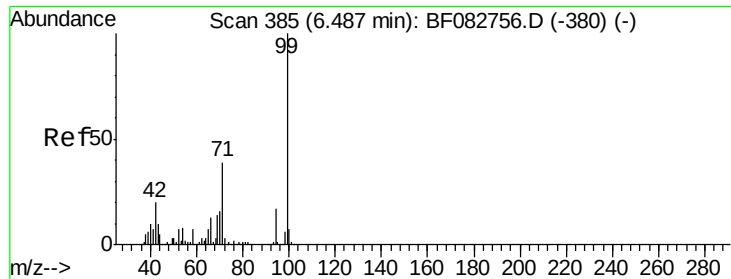


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 65.46 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082913.D

Acq: 13 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

P001-TS002-01

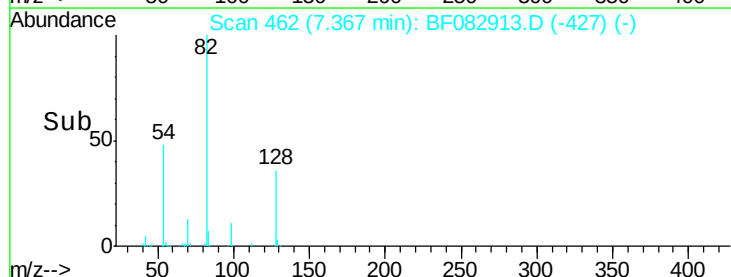
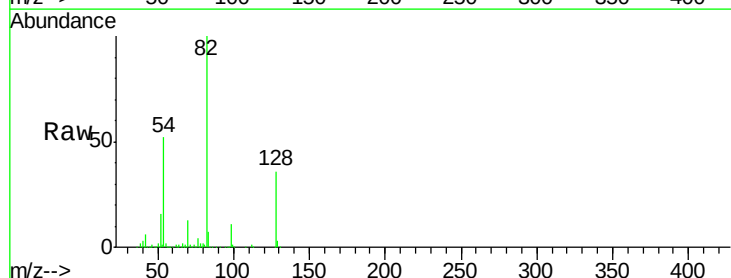
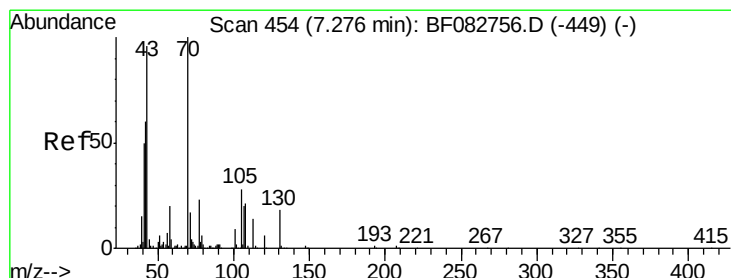
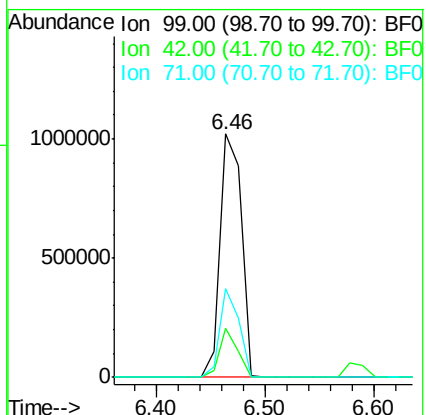
Tgt Ion: 99 Resp: 1397636

Ion Ratio Lower Upper

99 100

42 20.2 19.2 28.8

71 36.4 35.0 52.4



#19

n-Nitroso-di-n-propylamine

Concen: 6.59 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.10 min

Lab File: BF082913.D

Acq: 13 Nov 2015 22:53

Tgt Ion: 70 Resp: 103501

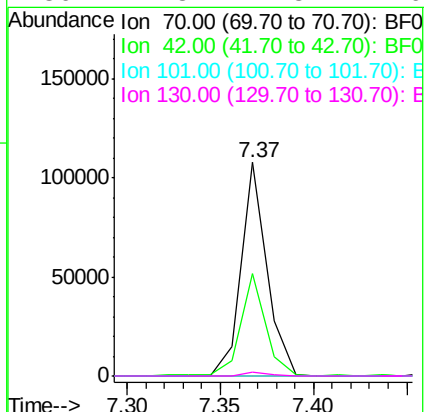
Ion Ratio Lower Upper

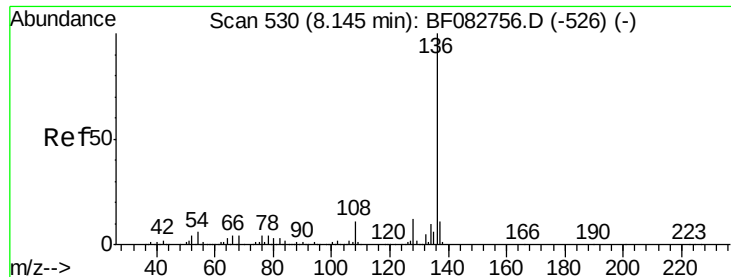
70 100

42 47.9 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 11.8 17.6#

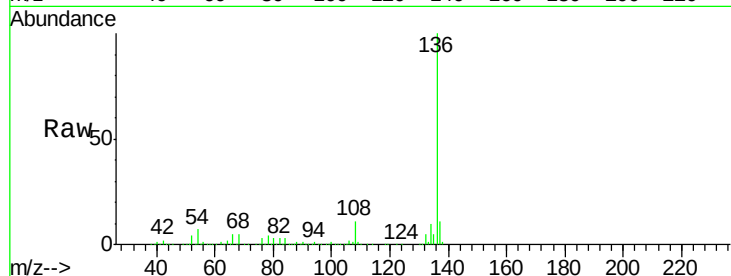




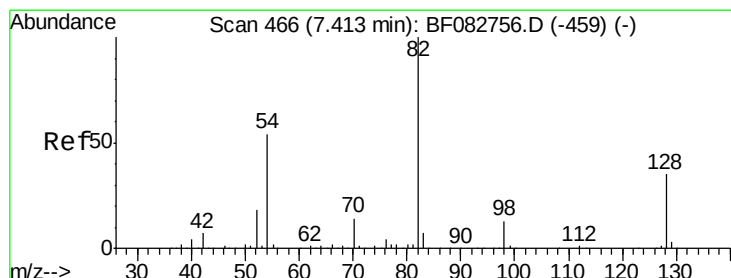
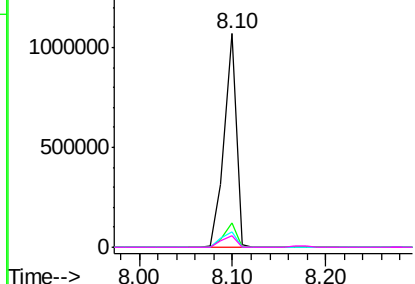
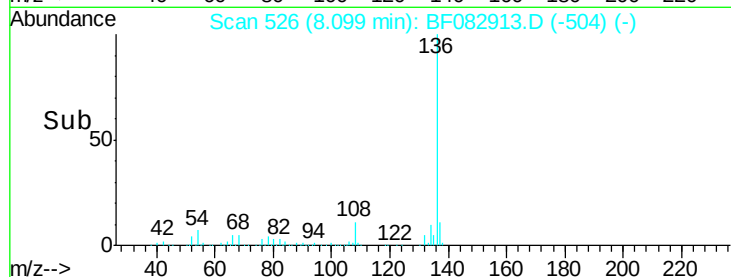
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF082913.D
Acq: 13 Nov 2015 22:53

Instrument :
BNA_F
ClientSampleId :
P001-TS002-01

Tgt Ion:	136	Resp:	964154
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.5	9.1	13.7#
68	5.5	4.8	7.2

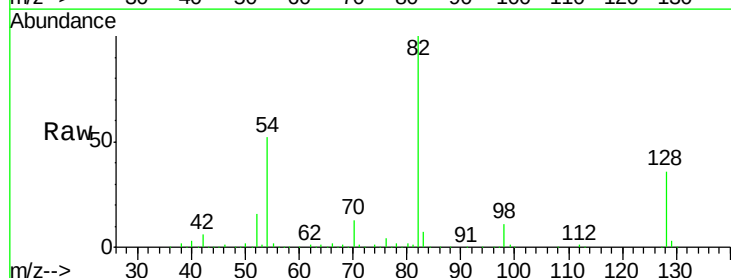


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

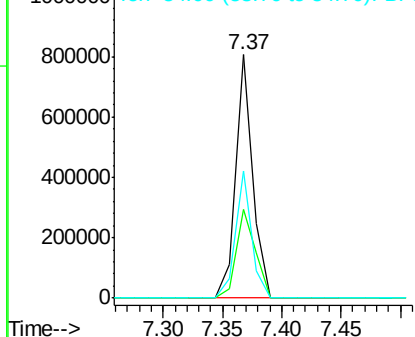
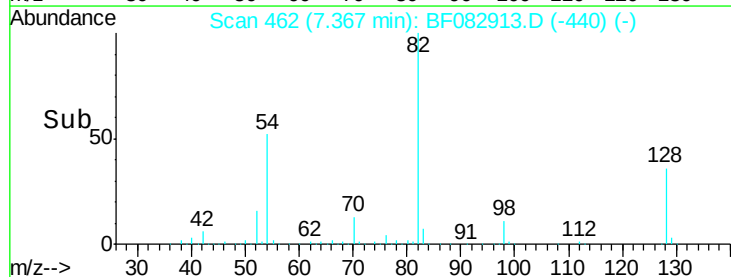


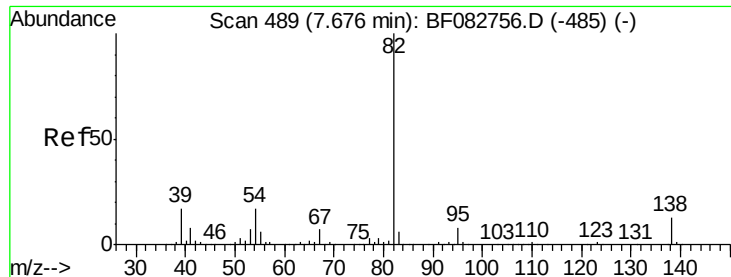
#23
Nitrobenzene-d5
Concen: 36.29 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF082913.D
Acq: 13 Nov 2015 22:53

Tgt Ion:	82	Resp:	804116
Ion	Ratio	Lower	Upper
82	100		
128	36.3	26.8	40.2
54	52.5	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: 17.66 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.31 min

Lab File: BF082913.D

Acq: 13 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

P001-TS002-01

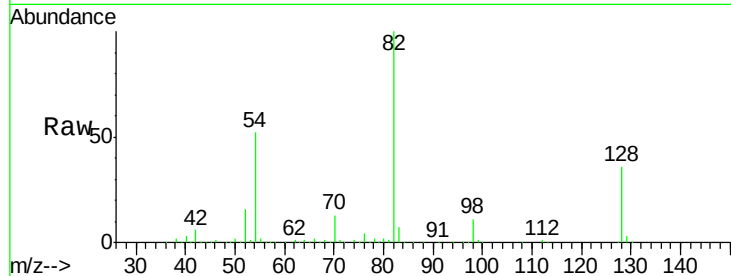
Tgt Ion: 82 Resp: 723883

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

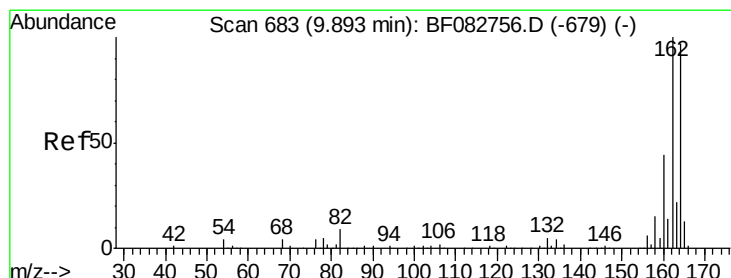
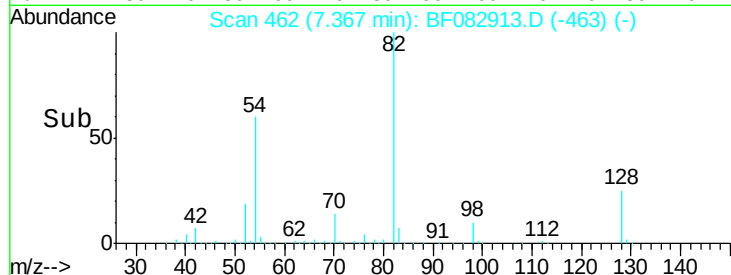
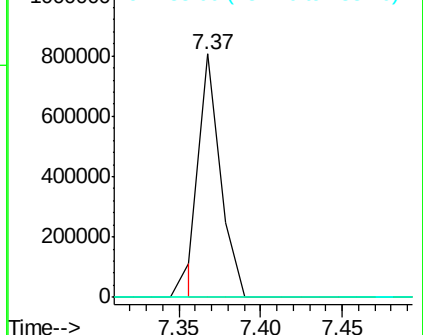
138 0.0 11.4 17.0#



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: BF082913.D

Acq: 13 Nov 2015 22:53

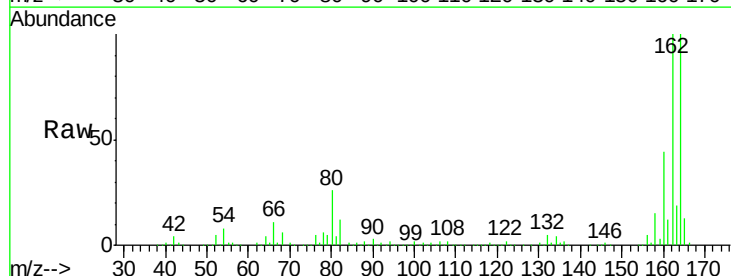
Tgt Ion: 164 Resp: 430921

Ion Ratio Lower Upper

164 100

162 99.7 84.9 127.3

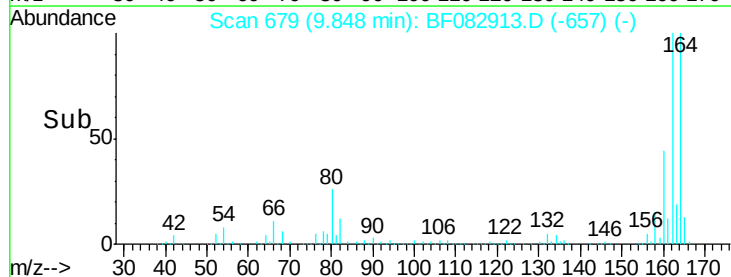
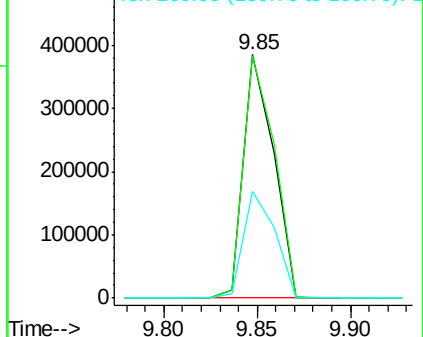
160 43.8 37.5 56.3

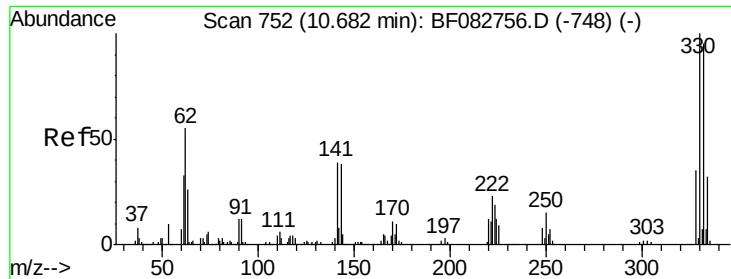


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

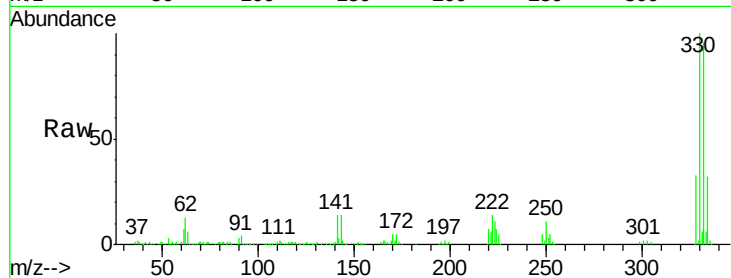




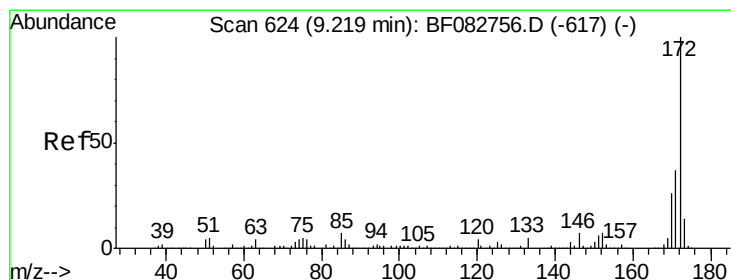
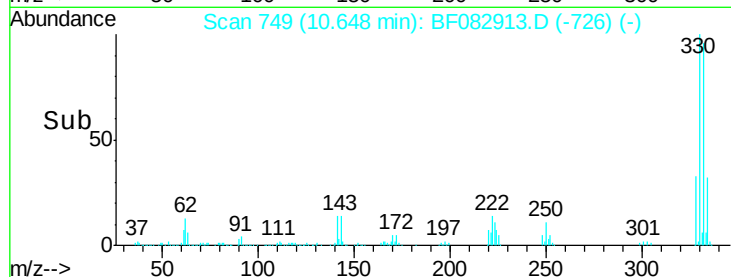
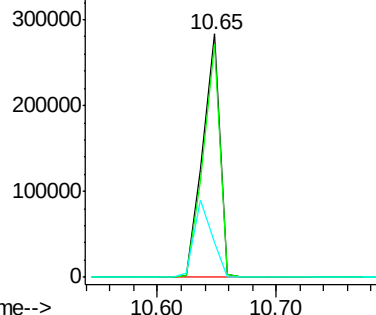
#41
 2,4,6-Tribromophenol
 Concen: 57.78 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082913.D
 Acq: 13 Nov 2015 22:53

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS002-01

Tgt Ion:330 Resp: 285468
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.6 114.8
 141 32.9 41.2 61.8#

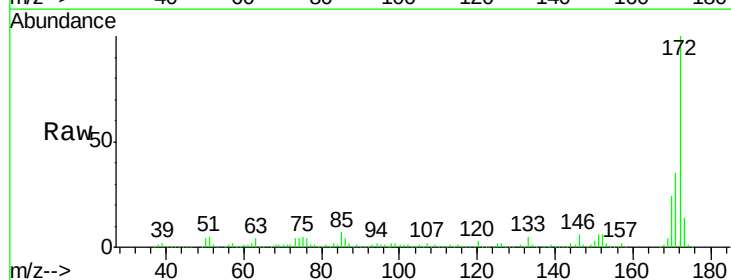


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

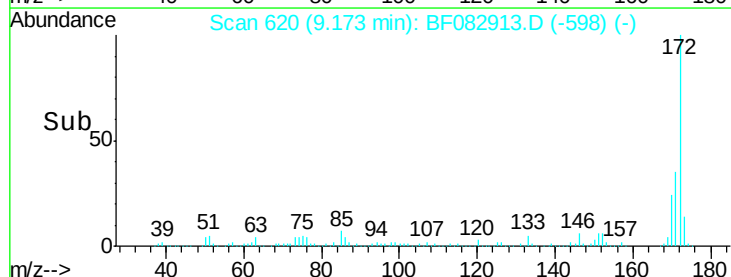
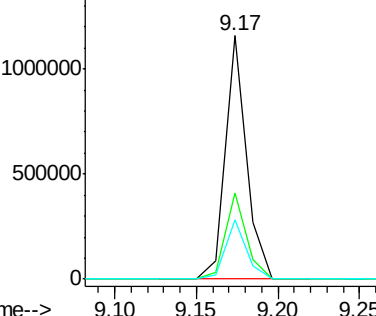


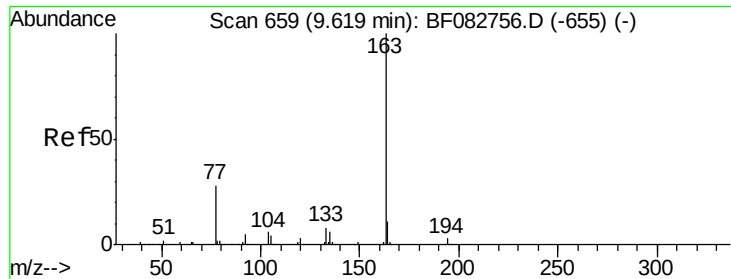
#44
 2-Fluorobiphenyl
 Concen: 34.68 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082913.D
 Acq: 13 Nov 2015 22:53

Tgt Ion:172 Resp: 1042668
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.8 46.2
 170 24.4 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

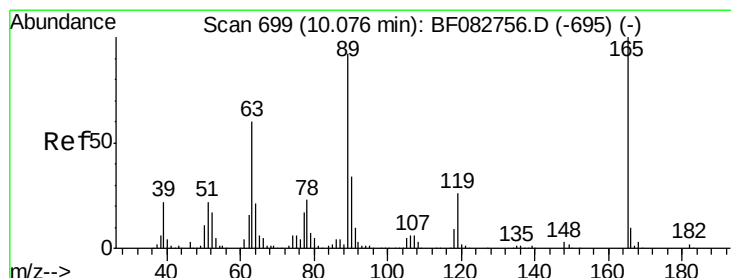
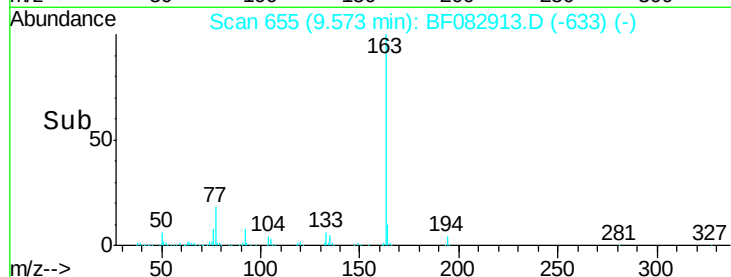
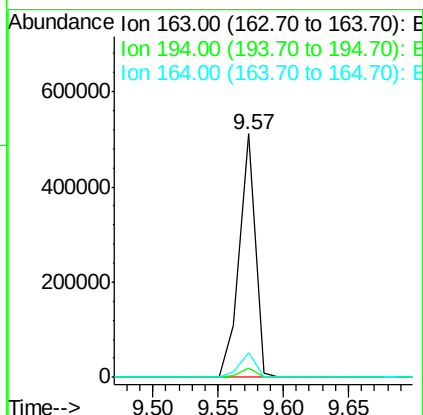
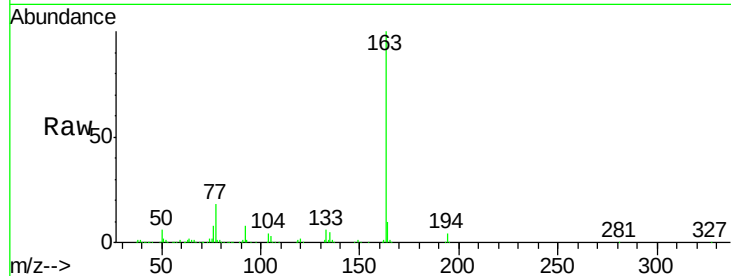




#49
Dimethylphthalate
Concen: 12.20 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF082913.D
Acq: 13 Nov 2015 22:53

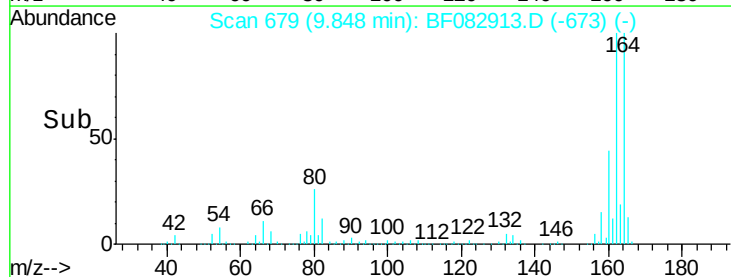
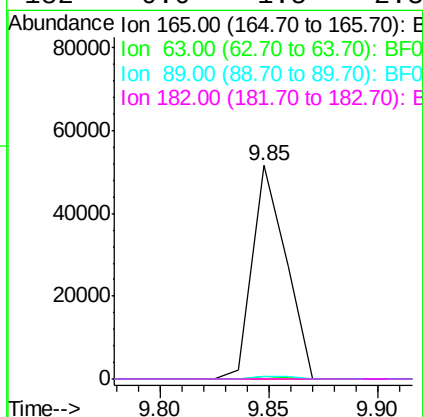
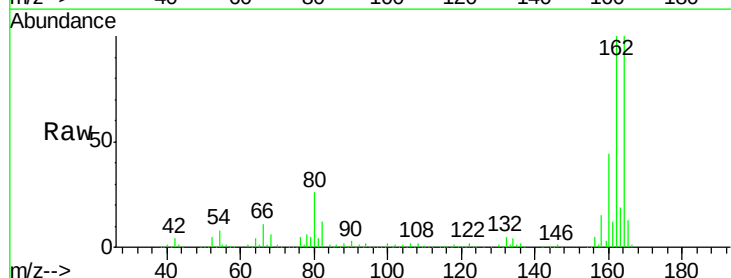
Instrument :
BNA_F
ClientSampleId :
P001-TS002-01

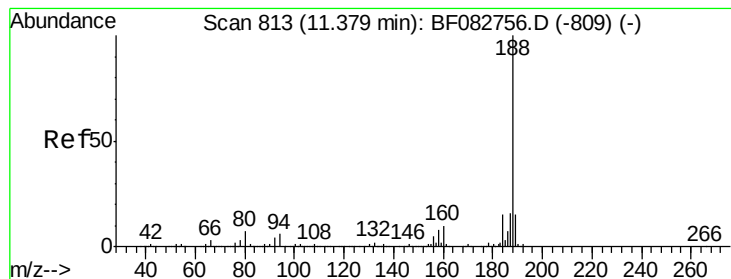
Tgt Ion:163 Resp: 430842
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 10.3 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 5.44 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.23 min
Lab File: BF082913.D
Acq: 13 Nov 2015 22:53

Tgt Ion:165 Resp: 55578
Ion Ratio Lower Upper
165 100
63 1.5 43.4 65.0#
89 1.5 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: BF082913.D

Acq: 13 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

P001-TS002-01

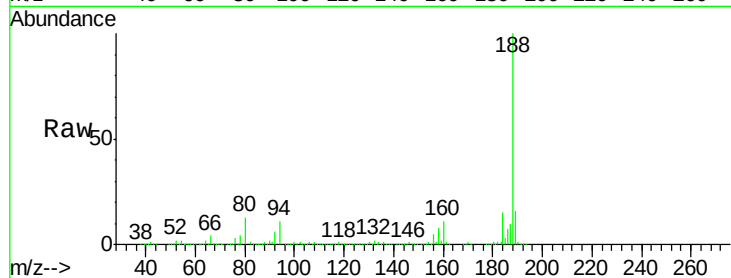
Tgt Ion:188 Resp: 722926

Ion Ratio Lower Upper

188 100

94 10.9 6.1 9.1#

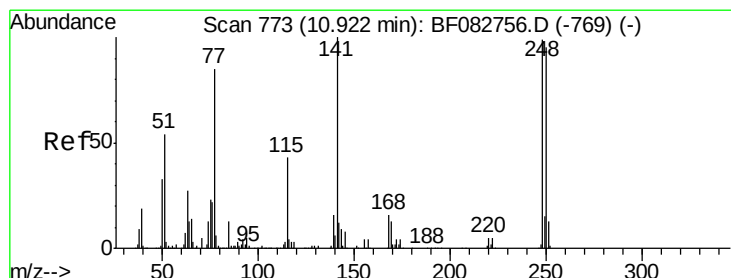
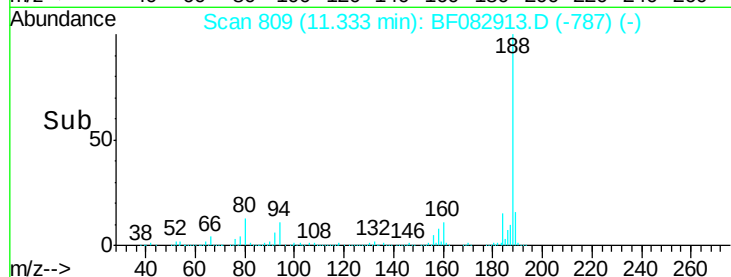
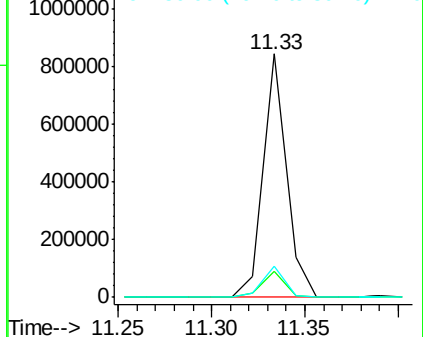
80 12.6 7.0 10.6#



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



#66

4-Bromophenyl-phenylether

Concen: 2.08 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.27 min

Lab File: BF082913.D

Acq: 13 Nov 2015 22:53

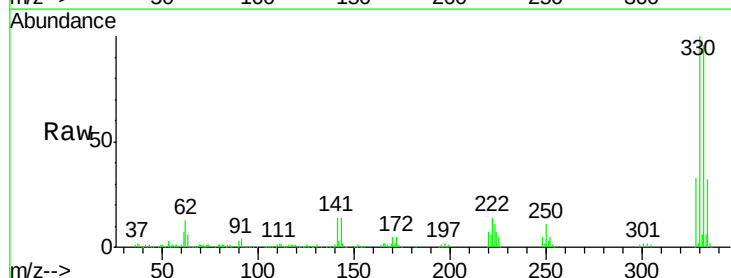
Tgt Ion:248 Resp: 18081

Ion Ratio Lower Upper

248 100

250 210.7 79.4 119.2#

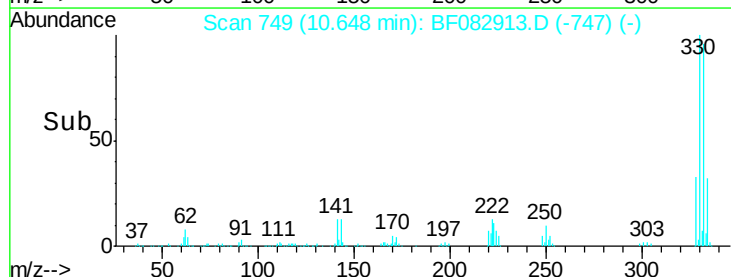
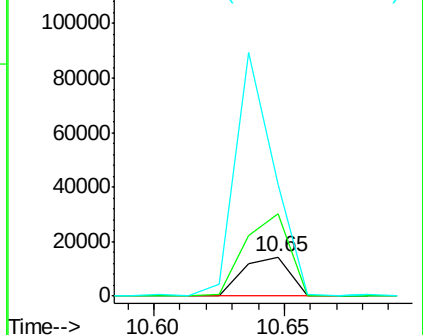
141 285.9 36.3 54.5#

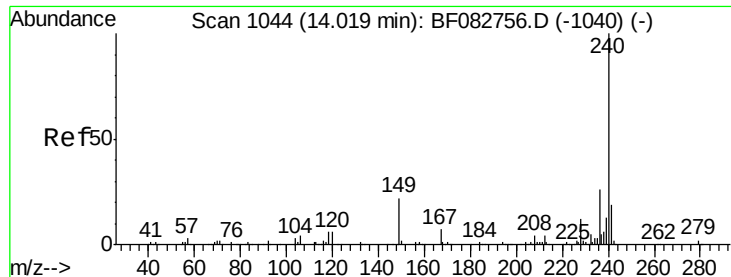


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF082913.D

Acq: 13 Nov 2015 22:53

Instrument :

BNA_F

ClientSampleId :

P001-TS002-01

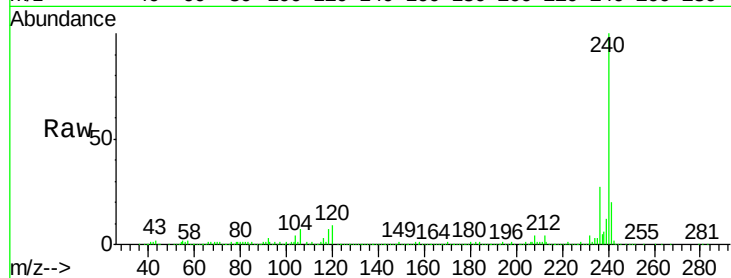
Tgt Ion:240 Resp: 545498

Ion Ratio Lower Upper

240 100

120 9.0 10.9 16.3#

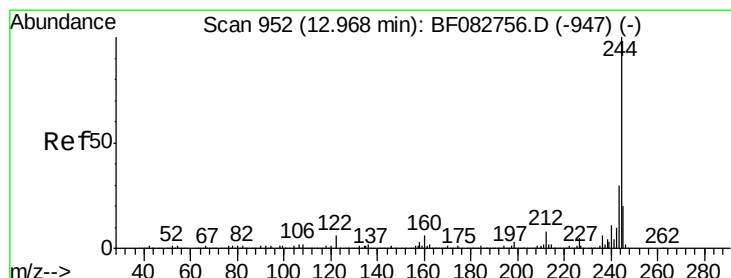
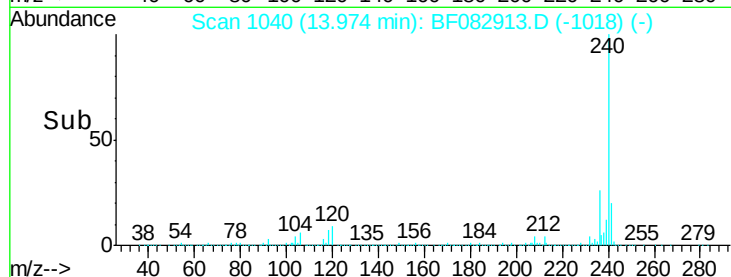
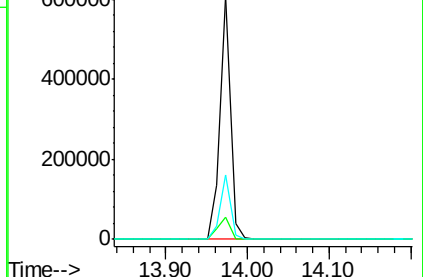
236 26.5 21.6 32.4



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: 32.44 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082913.D

Acq: 13 Nov 2015 22:53

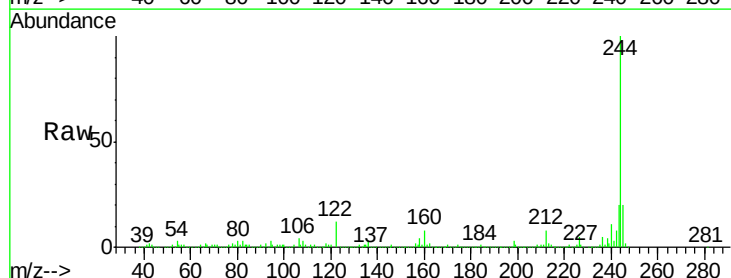
Tgt Ion:244 Resp: 746184

Ion Ratio Lower Upper

244 100

212 8.0 7.6 11.4

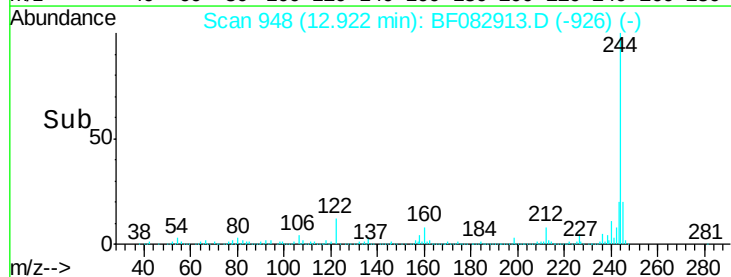
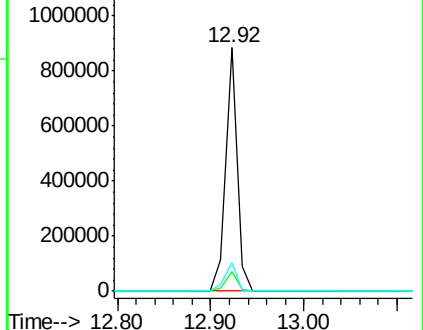
122 11.6 11.3 16.9

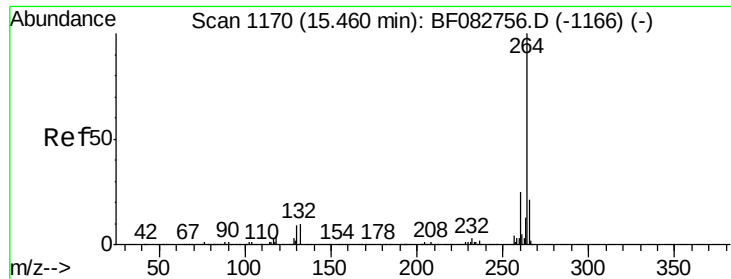


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.07 min
Lab File: BF082913.D
Acq: 13 Nov 2015 22:53

Instrument :
BNA_F
ClientSampleId :
P001-TS002-01

Tgt Ion:	264	Resp:	569585
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	22.7	17.4	26.0

