

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
 Data File : BF082134.D
 Acq On : 8 Oct 2015 18:38
 Operator : UM/IZ
 Sample : G3945-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-12-14

Quant Time: Oct 09 05:10:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 05:03:35 2015
 Response via : Initial Calibration

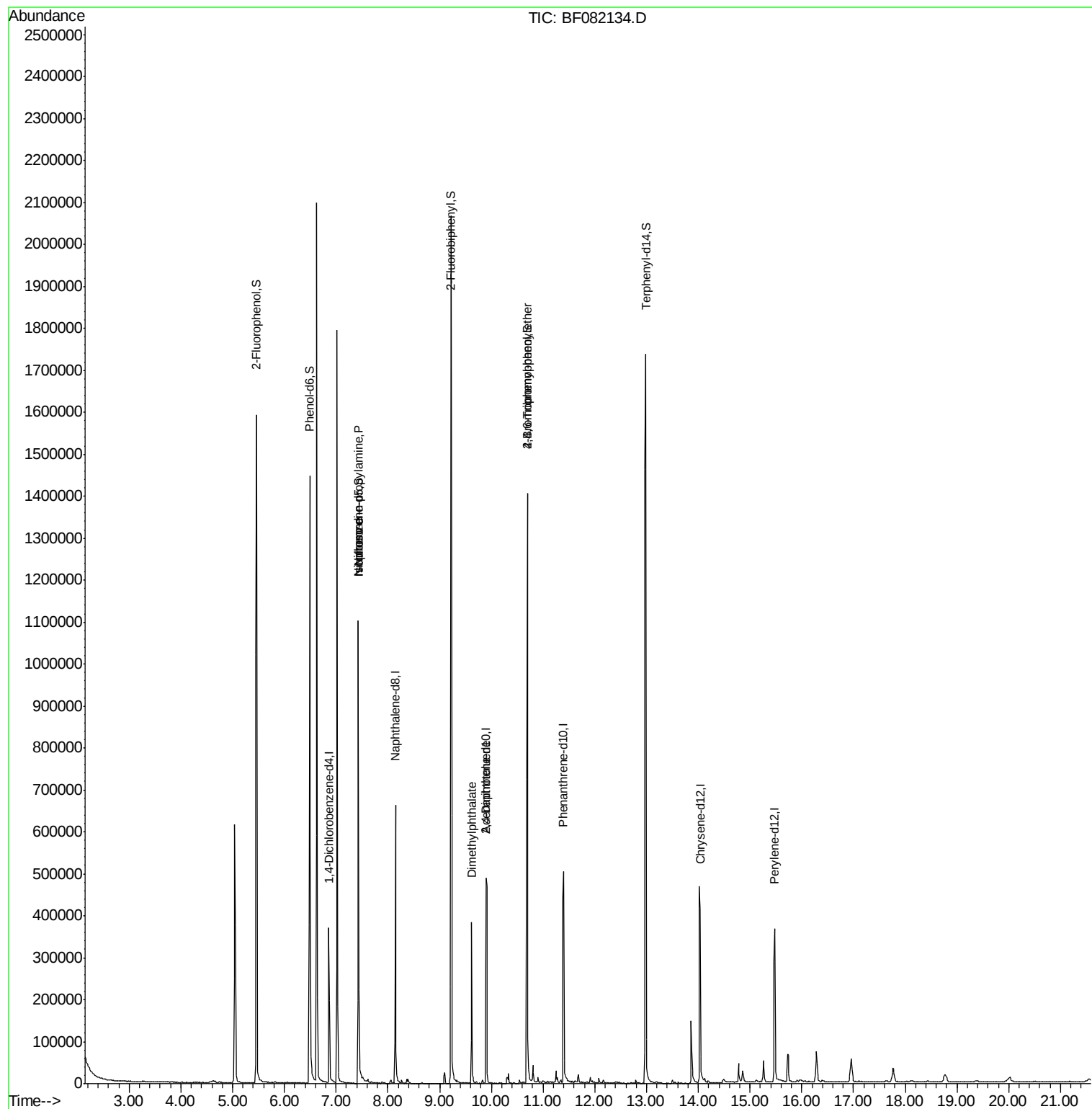
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	77266	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	324278	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	153734	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	318571	20.00	ng	0.00
75) Chrysene-d12	14.04	240	293018	20.00	ng	-0.01
86) Perylene-d12	15.48	264	222340	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	565077	132.76	ng	0.01
7) Phenol-d6	6.49	99	660284	123.28	ng	0.00
23) Nitrobenzene-d5	7.43	82	419697	86.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	215853	138.64	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	743018	79.94	ng	-0.01
78) Terphenyl-d14	12.98	244	858498	99.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	53184	16.34	ng	# 59
25) Isophorone	7.43	82	360553	37.39	ng	# 58
49) Dimethylphthalate	9.62	163	180819	17.04	ng	# 97
56) 2,4-Dinitrotoluene	9.90	165	19153	6.52	ng	# 31
66) 4-Bromophenyl-phenylether	10.70	248	14751	4.59	ng	# 1
73) Di-n-butylphthalate	11.95	149	3285	Below Cal		# 93

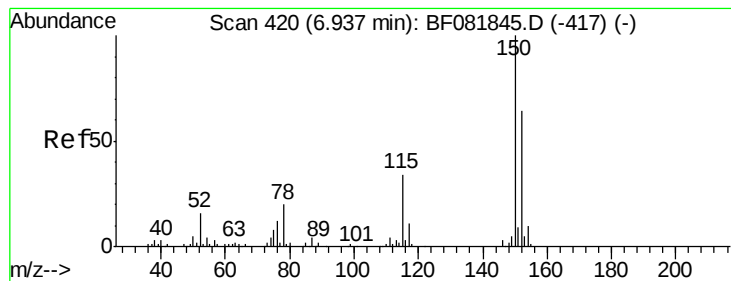
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
Data File : BF082134.D
Acq On : 8 Oct 2015 18:38
Operator : UM/IZ
Sample : G3945-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP215BR-12-14

Quant Time: Oct 09 05:10:53 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 05:03:35 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF082134.D

Acq: 8 Oct 2015 18:38

Instrument :

BNA_F

ClientSampleId :

MGP215BR-12-14

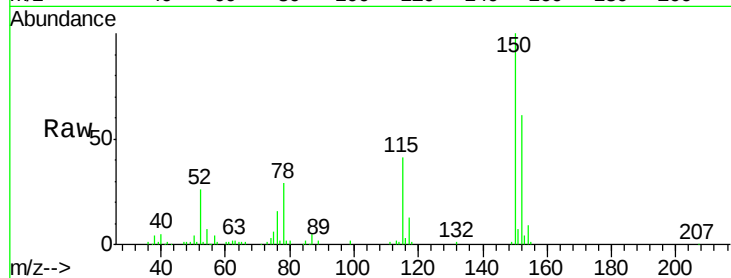
Tot Ion:152 Resp: 77266

Ion Ratio Lower Upper

152 100

150 162.6 124.7 187.1

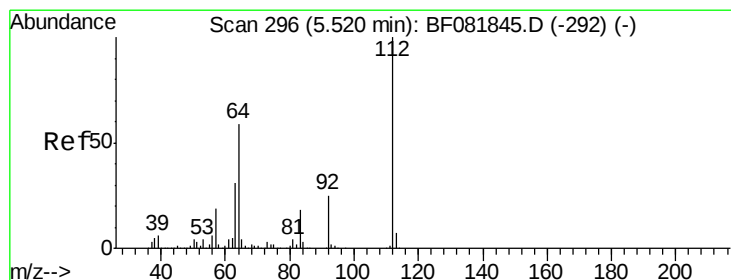
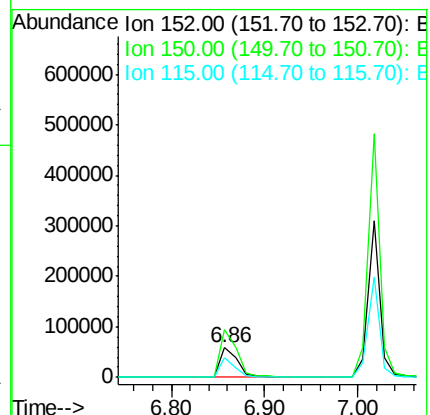
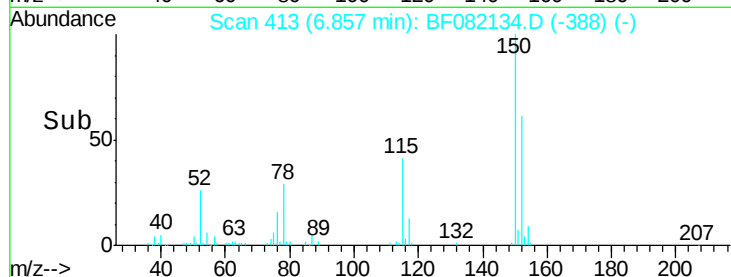
115 66.1 39.0 58.4#



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: 132.76 ng

RT: 5.46 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF082134.D

Acq: 8 Oct 2015 18:38

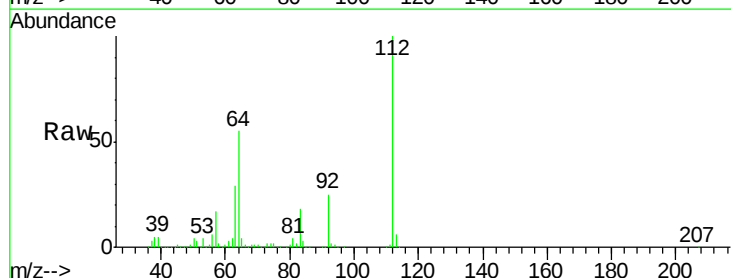
Tgt Ion:112 Resp: 565077

Ion Ratio Lower Upper

112 100

64 55.2 39.7 59.5

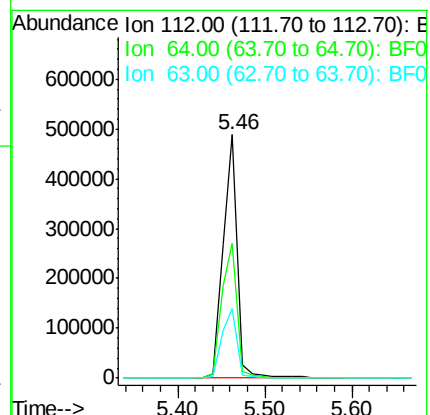
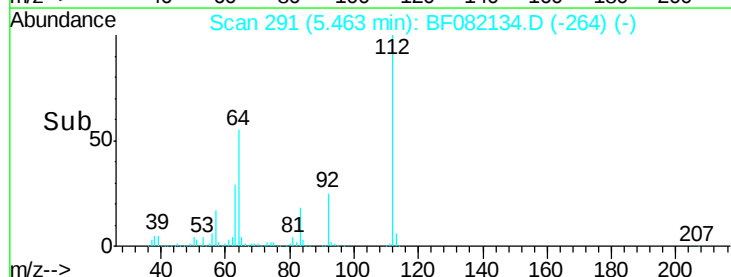
63 28.7 17.4 26.0#

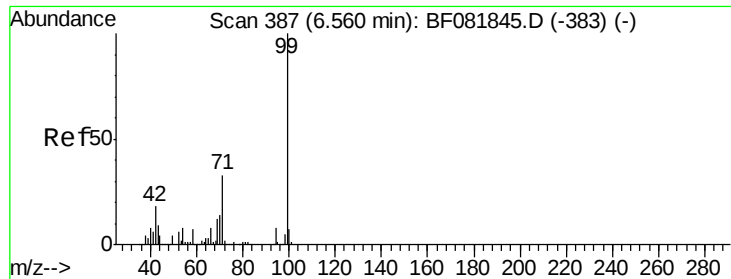


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.28 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082134.D

Acq: 8 Oct 2015 18:38

Instrument :

BNA_F

ClientSampleId :

MGP215BR-12-14

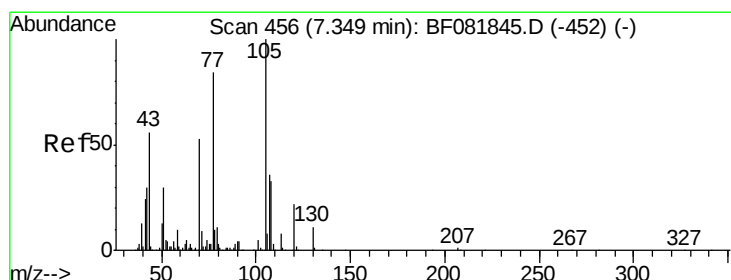
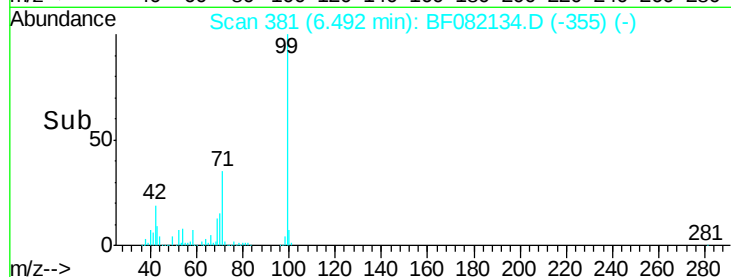
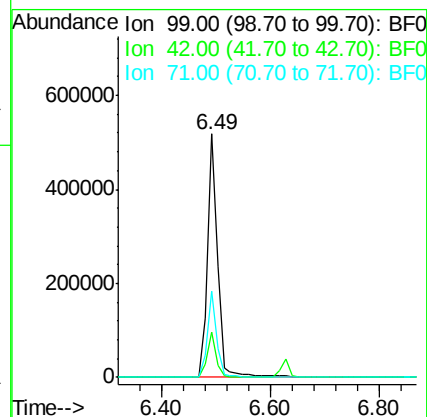
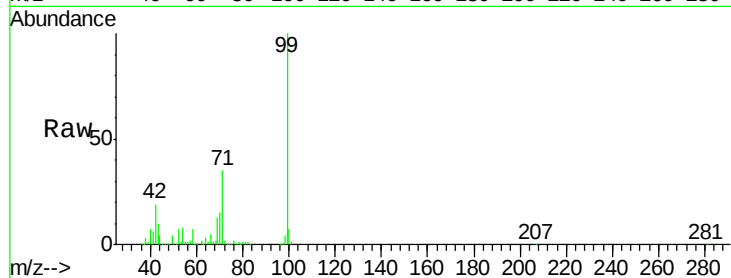
Tot Ion: 99 Resp: 660284

Ion Ratio Lower Upper

99 100

42 18.7 13.7 20.5

71 35.2 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 16.34 ng

RT: 7.43 min Scan# 463

Delta R.T. 0.15 min

Lab File: BF082134.D

Acq: 8 Oct 2015 18:38

Tgt Ion: 70 Resp: 53184

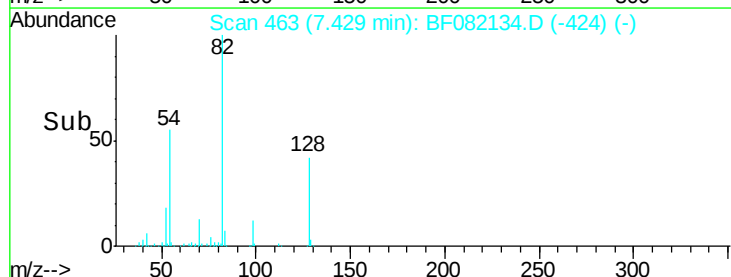
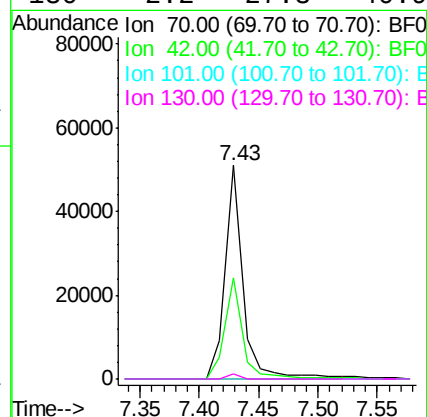
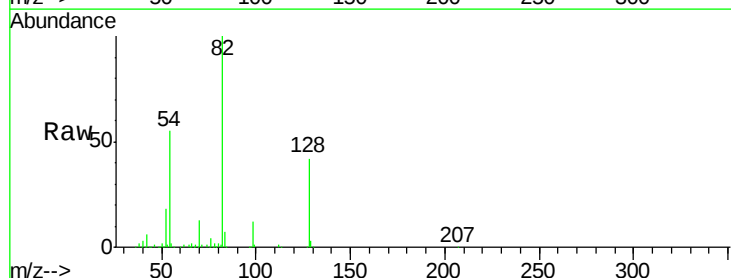
Ion Ratio Lower Upper

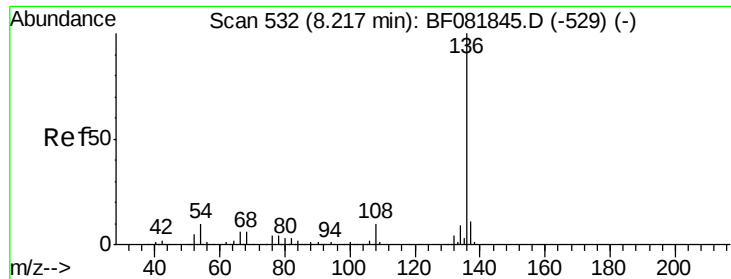
70 100

42 47.3 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF082134.D

Acq: 8 Oct 2015 18:38

Instrument :

BNA_F

ClientSampleId :

MGP215BR-12-14

Tot Ion:136 Resp: 324278

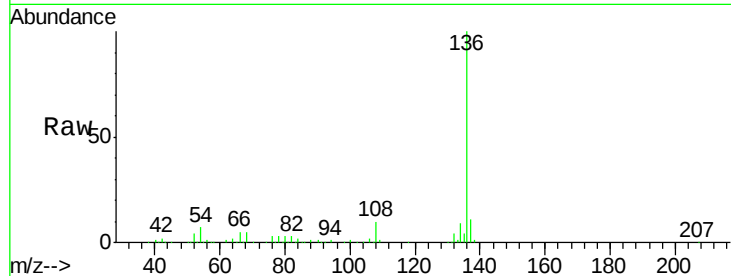
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 7.4 8.2 12.2#

68 4.9 5.8 8.6#

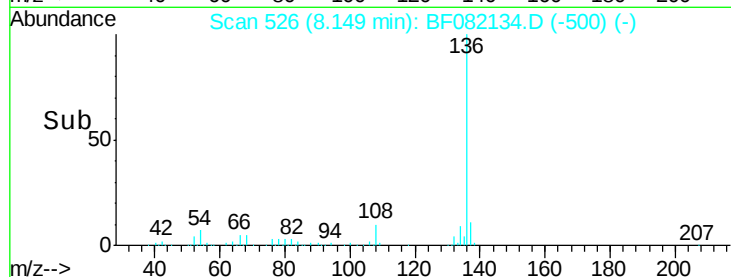


Abundance Ion 136.00 (135.70 to 136.70): E

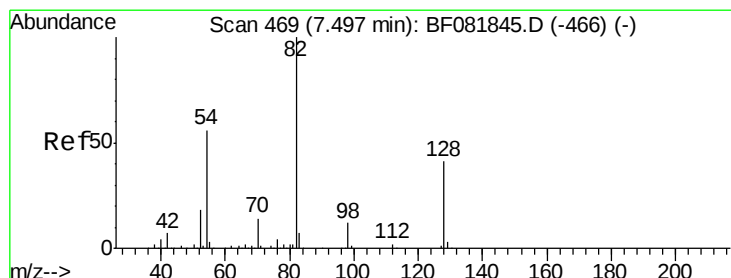
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.20 8.40



#23

Nitrobenzene-d5

Concen: 86.27 ng

RT: 7.43 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF082134.D

Acq: 8 Oct 2015 18:38

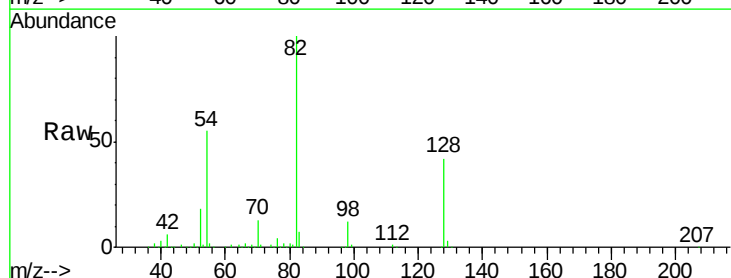
Tgt Ion: 82 Resp: 419697

Ion Ratio Lower Upper

82 100

128 42.4 51.0 76.6#

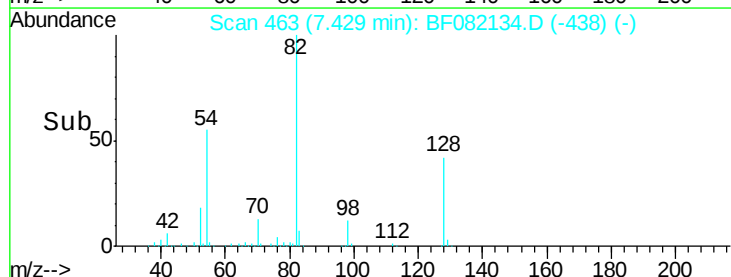
54 54.5 47.5 71.3



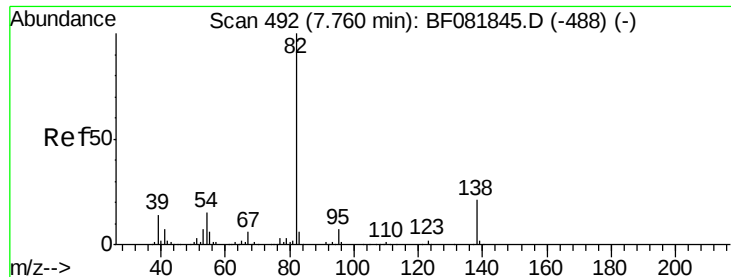
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time--> 7.40 7.60



#25

Isophorone

Concen: 37.39 ng

RT: 7.43 min Scan# 463

Delta R.T. -0.26 min

Lab File: BF082134.D

Acq: 8 Oct 2015 18:38

Instrument :

BNA_F

ClientSampleId :

MGP215BR-12-14

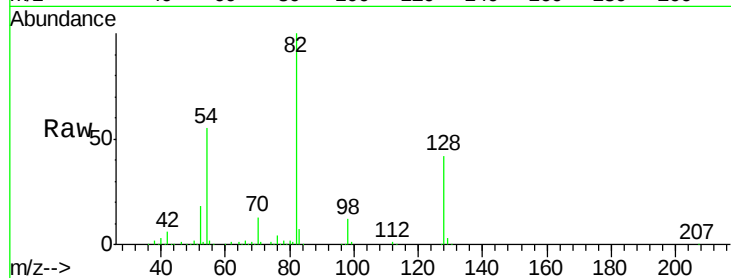
Tot Ion: 82 Resp: 360553

Ion Ratio Lower Upper

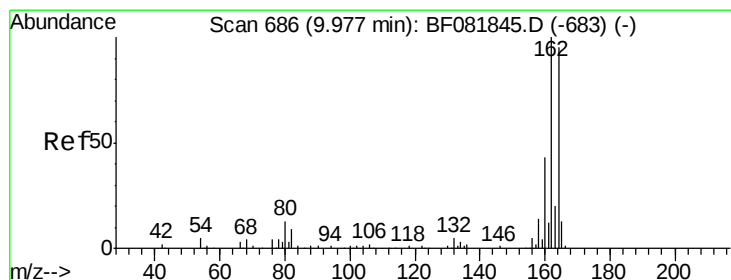
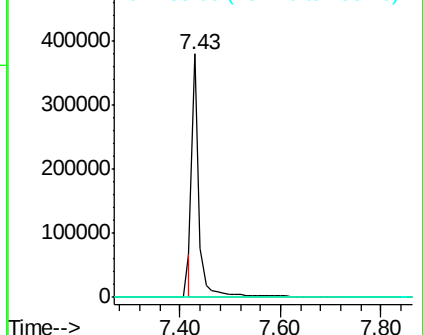
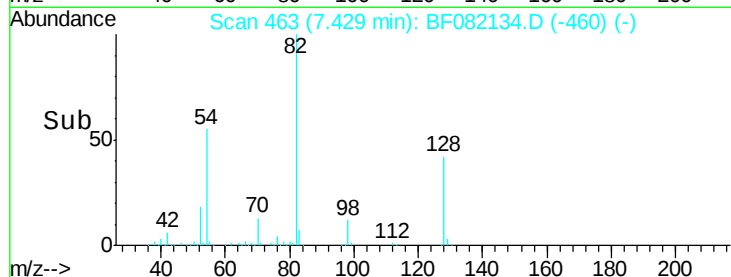
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



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: 9.90 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF082134.D

Acq: 8 Oct 2015 18:38

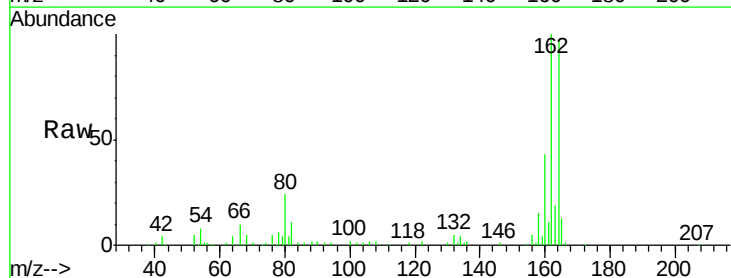
Tgt Ion: 164 Resp: 153734

Ion Ratio Lower Upper

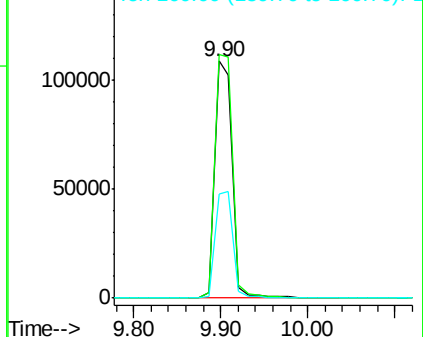
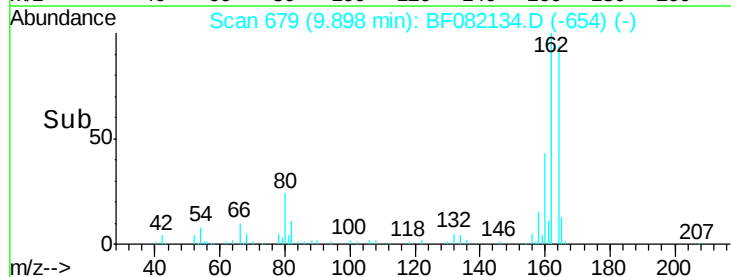
164 100

162 102.8 75.2 112.8

160 44.1 31.5 47.3



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

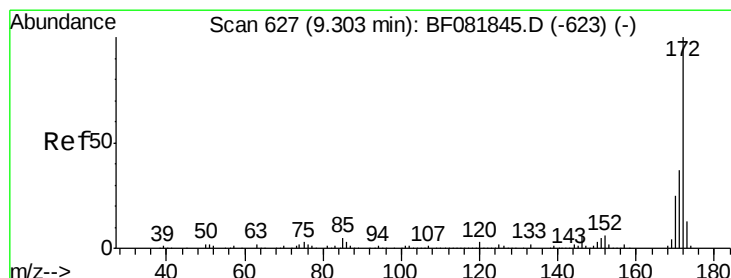
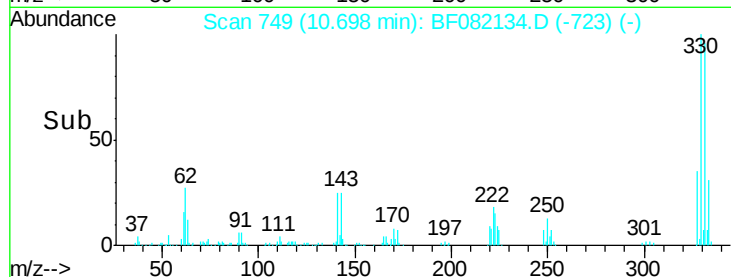
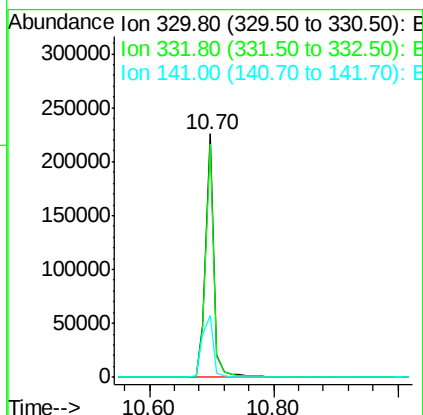
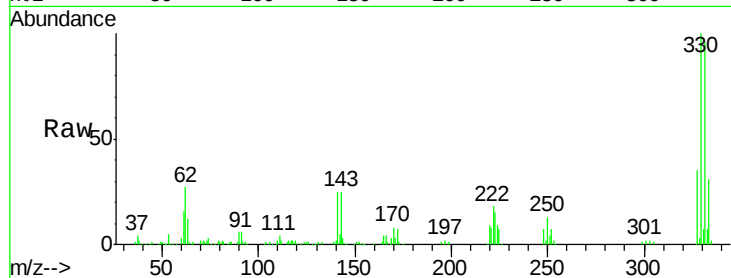




#41
 2,4,6-Tribromophenol
 Concen: 138.64 ng
 RT: 10.70 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF082134.D
 Acq: 8 Oct 2015 18:38

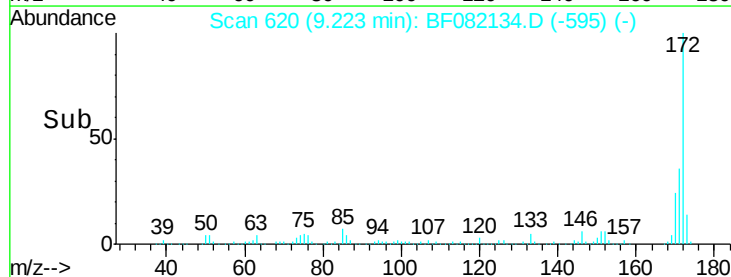
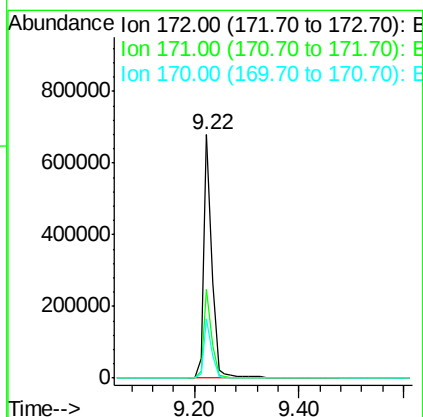
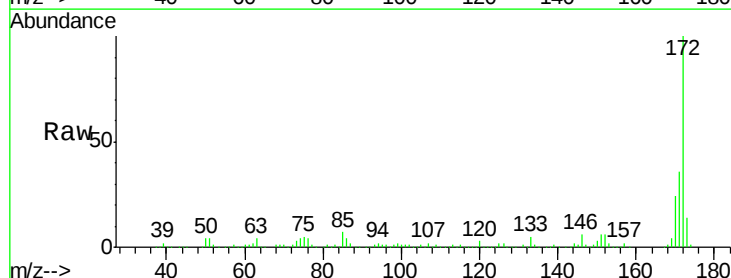
Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-12-14

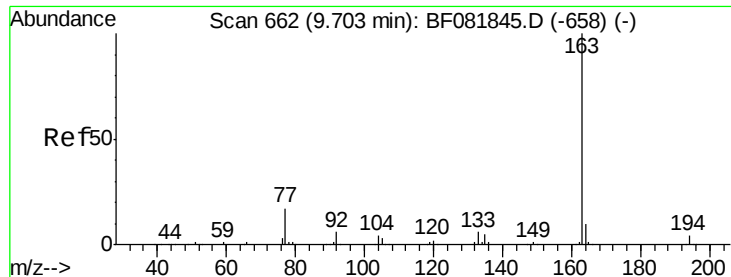
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	33.5	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 79.94 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF082134.D
 Acq: 8 Oct 2015 18:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.1	39.1
170	24.2	17.4	26.2

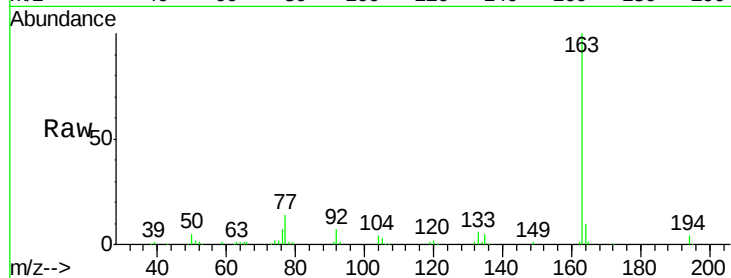




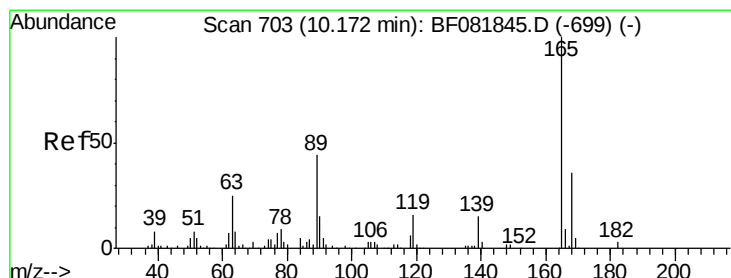
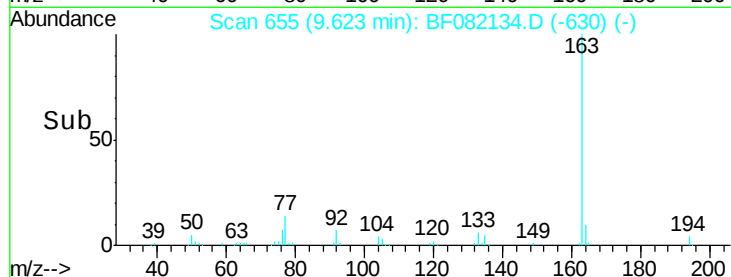
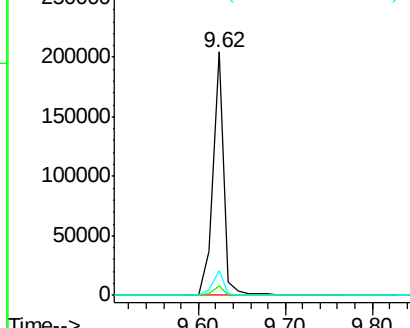
#49
Dimethylphthalate
Concen: 17.04 ng
RT: 9.62 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF082134.D
Acq: 8 Oct 2015 18:38

Instrument :
BNA_F
ClientSampleId :
MGP215BR-12-14

Tot Ion:163 Resp: 180819
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 10.0 8.3 12.5

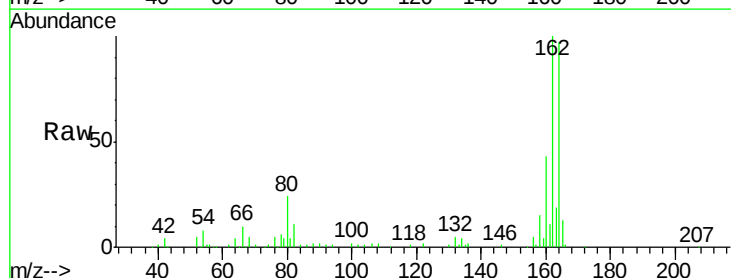


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

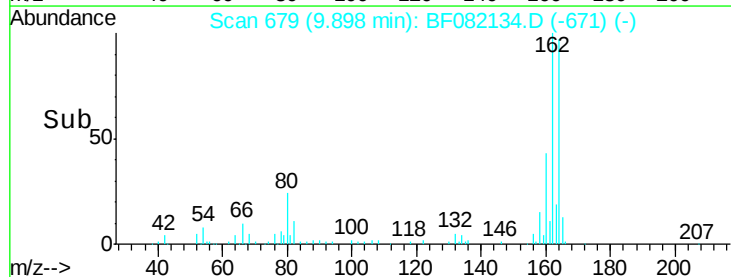
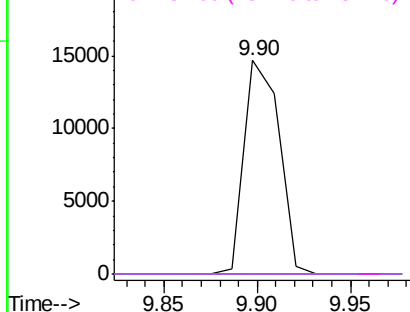


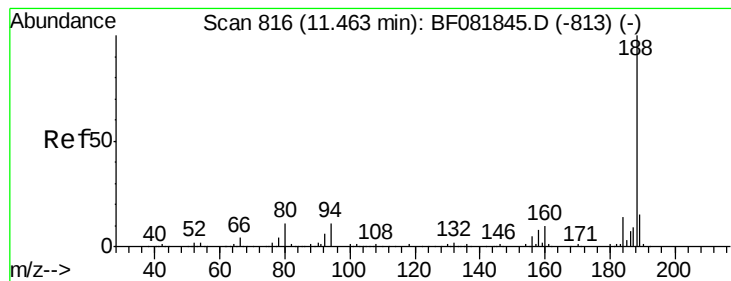
#56
2,4-Dinitrotoluene
Concen: 6.52 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.21 min
Lab File: BF082134.D
Acq: 8 Oct 2015 18:38

Tgt Ion:165 Resp: 19153
Ion Ratio Lower Upper
165 100
63 0.0 29.8 44.6#
89 0.0 44.5 66.7#
182 0.0 3.0 4.4#



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: 11.39 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF082134.D

Acq: 8 Oct 2015 18:38

Instrument :

BNA_F

ClientSampleId :

MGP215BR-12-14

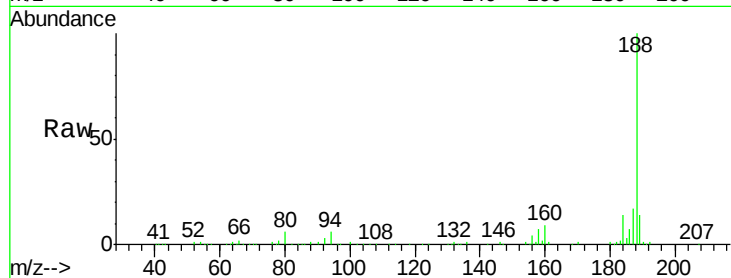
Tot Ion:188 Resp: 318571

Ion Ratio Lower Upper

188 100

94 5.8 11.1 16.7#

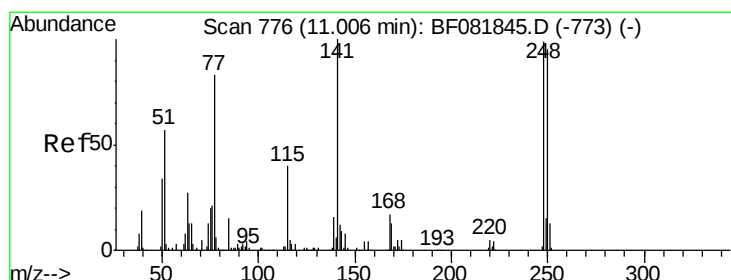
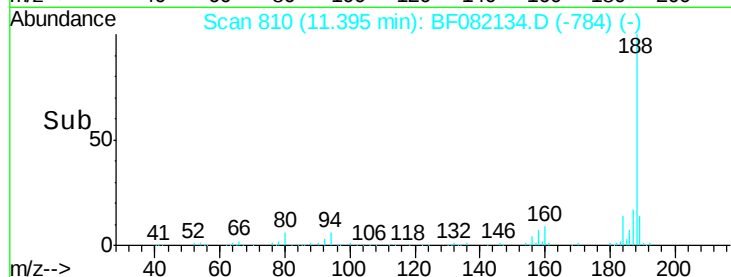
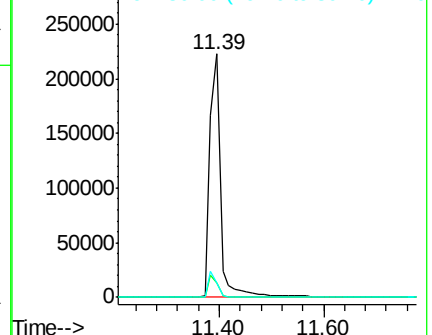
80 6.0 11.0 16.4#



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: 4.59 ng

RT: 10.70 min Scan# 749

Delta R.T. -0.24 min

Lab File: BF082134.D

Acq: 8 Oct 2015 18:38

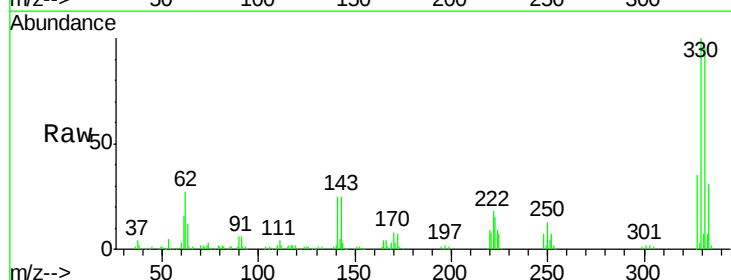
Tgt Ion:248 Resp: 14751

Ion Ratio Lower Upper

248 100

250 189.3 78.5 117.7#

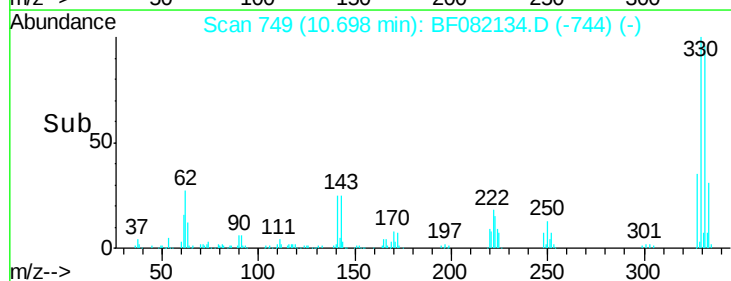
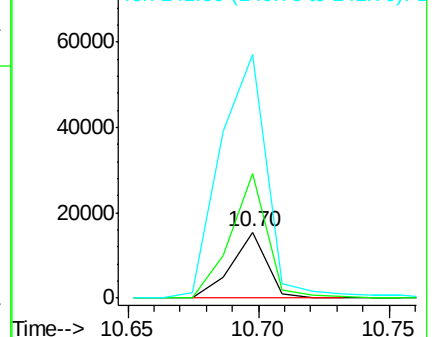
141 368.3 59.0 88.6#

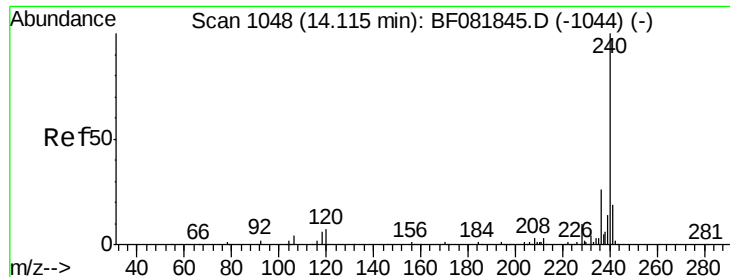


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.04 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF082134.D

Acq: 8 Oct 2015 18:38

Instrument :

BNA_F

ClientSampleId :

MGP215BR-12-14

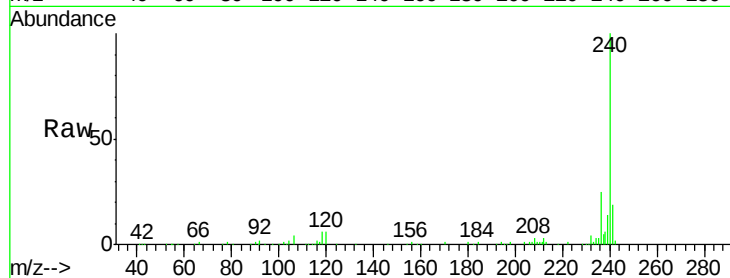
Tot Ion:240 Resp: 293018

Ion Ratio Lower Upper

240 100

120 6.4 16.2 24.2#

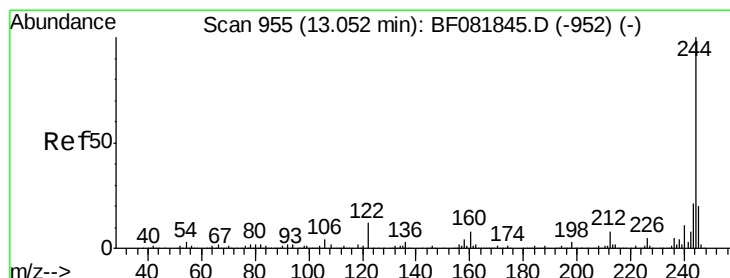
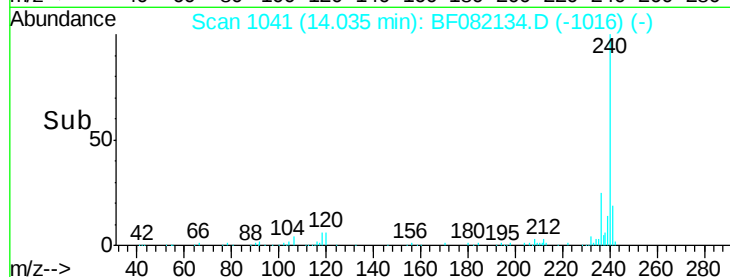
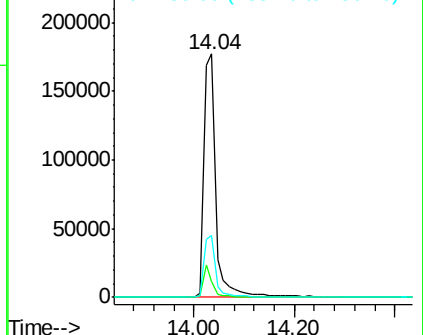
236 25.4 18.4 27.6



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: 99.12 ng

RT: 12.98 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF082134.D

Acq: 8 Oct 2015 18:38

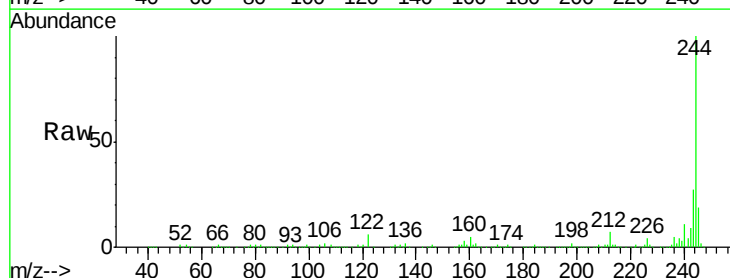
Tgt Ion:244 Resp: 858498

Ion Ratio Lower Upper

244 100

212 6.8 4.3 6.5#

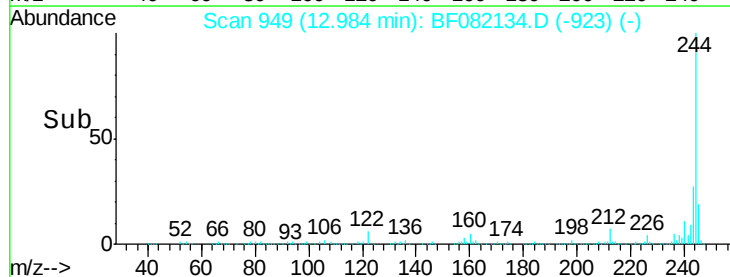
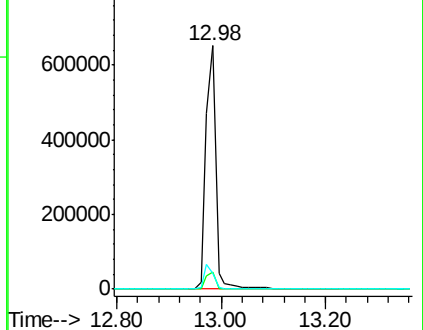
122 6.4 17.4 26.2#

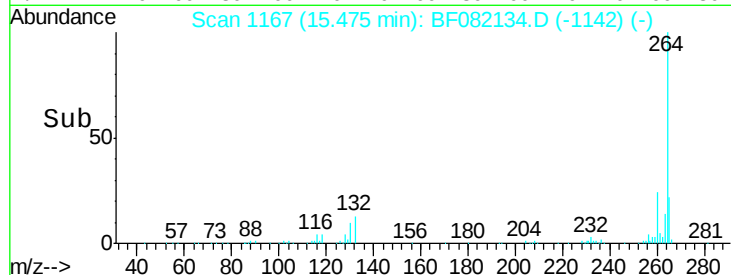
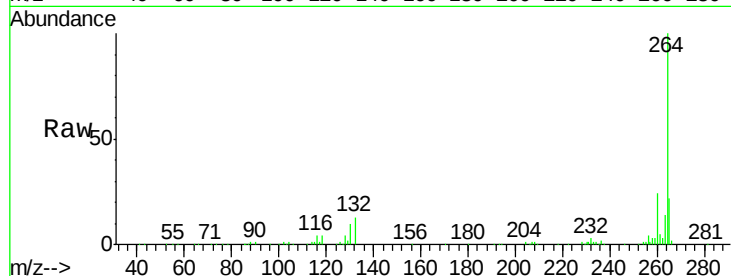
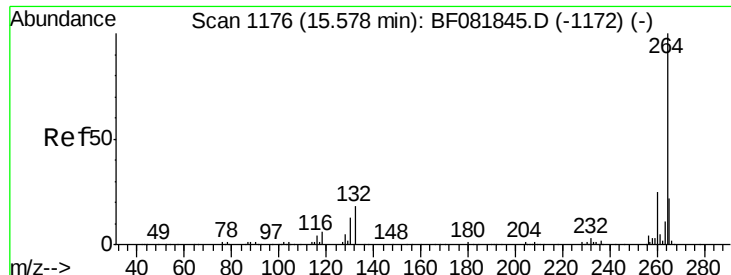


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.48 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF082134.D
 Acq: 8 Oct 2015 18:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-12-14

Tot Ion:264	Resp:	222340
Ion Ratio	Lower	Upper
264	100	
260	24.2	16.7 25.1
265	21.7	17.2 25.8

