

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082304.D
 Acq On : 15 Oct 2015 12:47
 Operator : UM/IZ
 Sample : G4016-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-10

Quant Time: Oct 16 01:08:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:04:42 2015
 Response via : Initial Calibration

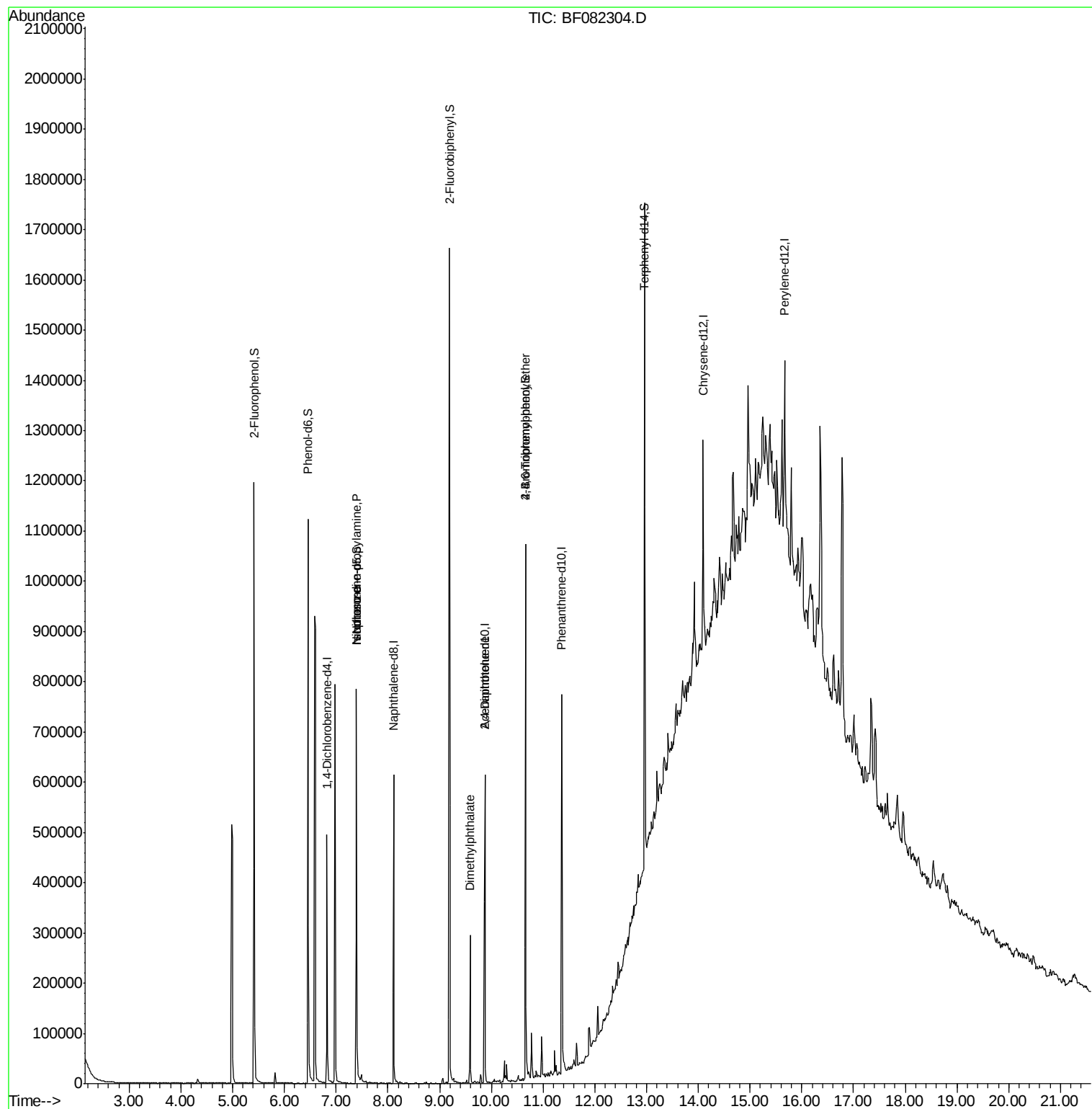
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	79387	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	312809	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	156675	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	300560	20.00	ng	0.00
75) Chrysene-d12	14.09	240	191595	20.00	ng	0.00
86) Perylene-d12	15.67	264	167885	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	364223	92.59	ng	0.00
7) Phenol-d6	6.46	99	431089	84.22	ng	-0.01
23) Nitrobenzene-d5	7.39	82	308499	66.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	134279	91.39	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	594158	62.89	ng	-0.01
78) Terphenyl-d14	12.96	244	561917	77.72	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	39311	10.94	ng	# 76
25) Isophorone	7.39	82	230627	24.53	ng	# 66
49) Dimethylphthalate	9.59	163	117260	10.63	ng	100
56) 2,4-Dinitrotoluene	9.87	165	19731	6.78	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	9714	3.23	ng	# 1

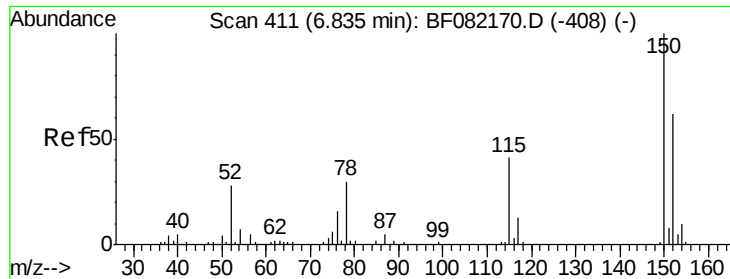
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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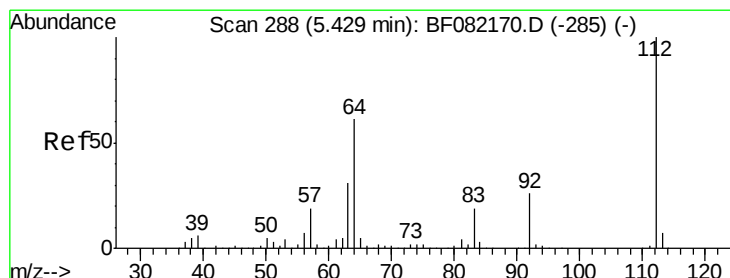
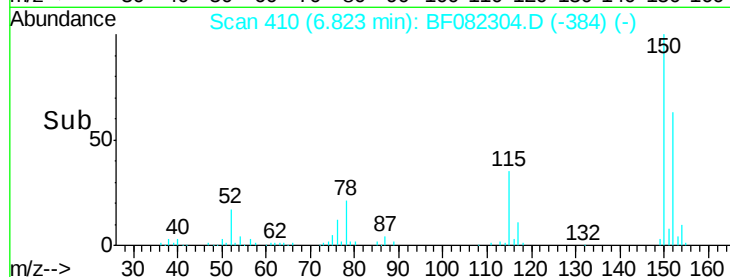
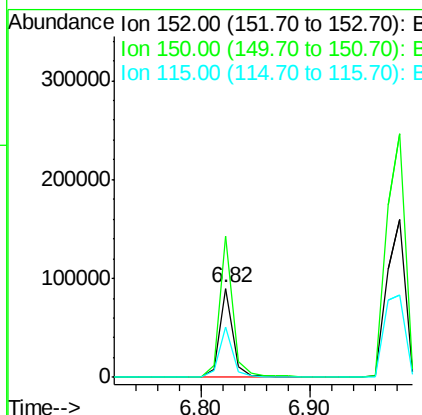
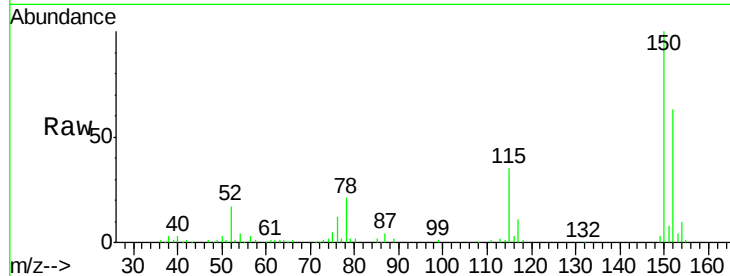


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082304.D
Acq: 15 Oct 2015 12:47

Instrument :
BNA_F
ClientSampleId :
CS-10

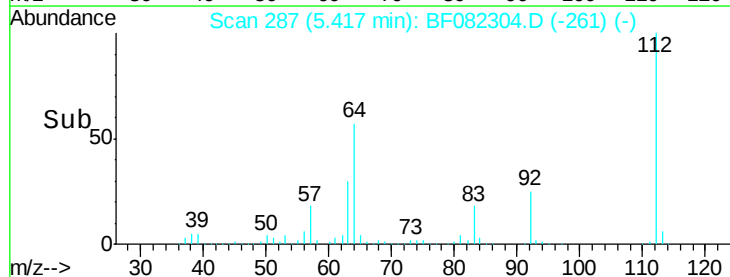
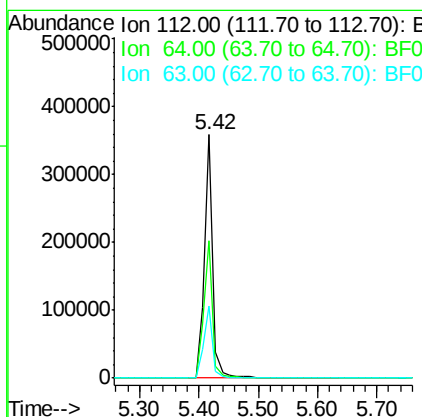
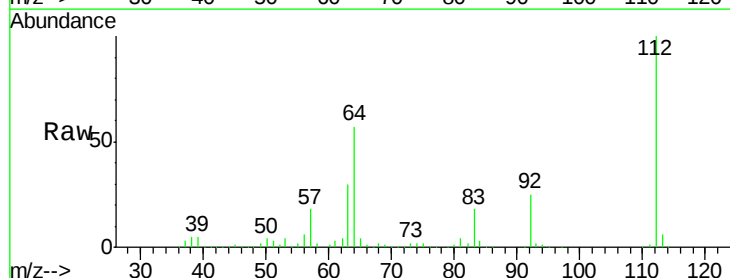
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	129.0	193.4
115	56.0	52.1	78.1



#5

2-Fluorophenol
Concen: 92.59 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF082304.D
Acq: 15 Oct 2015 12:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	48.6	73.0
63	29.8	25.1	37.7





#7

Phenol-d6

Concen: 84.22 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082304.D

Acq: 15 Oct 2015 12:47

Instrument :

BNA_F

ClientSampleId :

CS-10

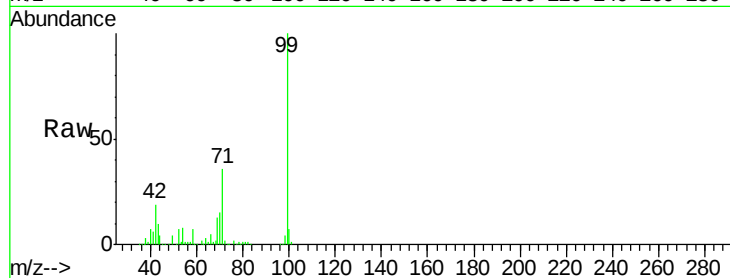
Tot Ion: 99 Resp: 431089

Ion Ratio Lower Upper

99 100

42 18.9 13.2 19.8

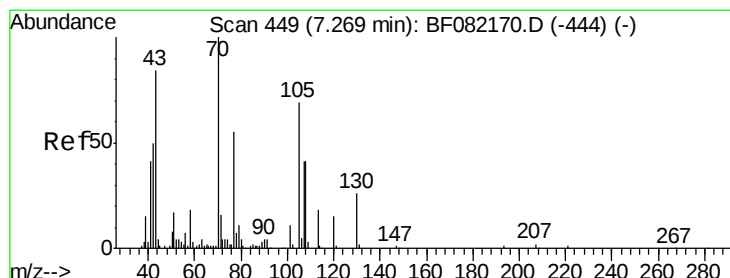
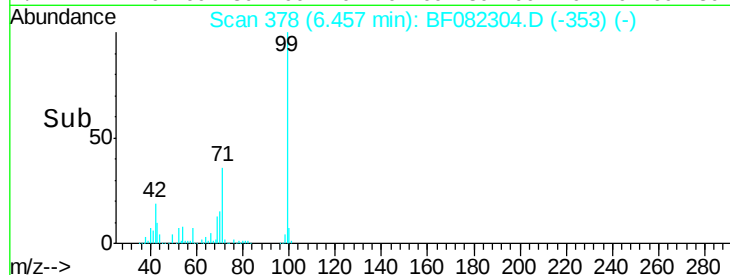
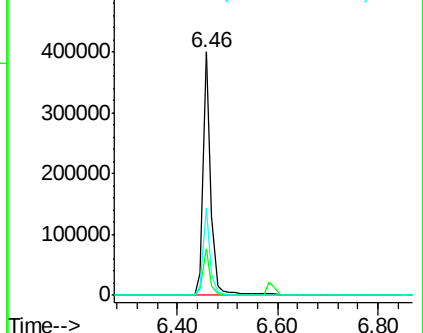
71 35.7 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 10.94 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.14 min

Lab File: BF082304.D

Acq: 15 Oct 2015 12:47

Tgt Ion: 70 Resp: 39311

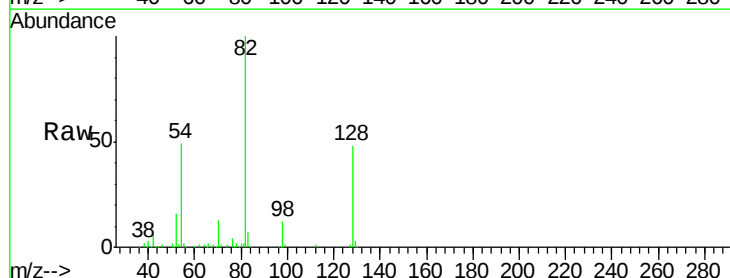
Ion Ratio Lower Upper

70 100

42 42.3 39.8 59.8

101 0.0 8.6 13.0#

130 2.1 20.5 30.7#

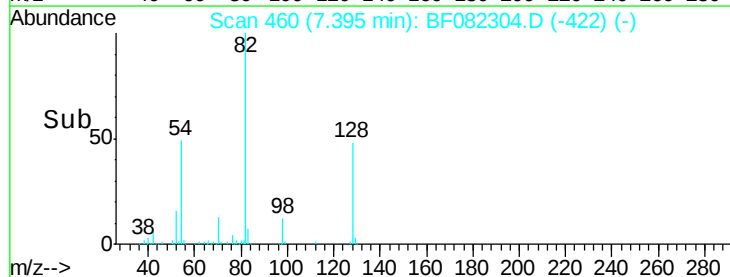
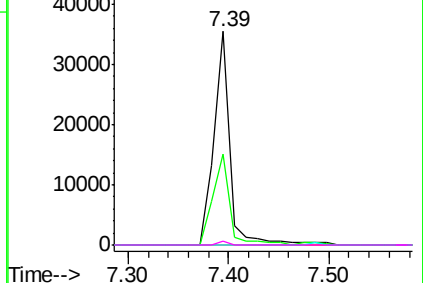


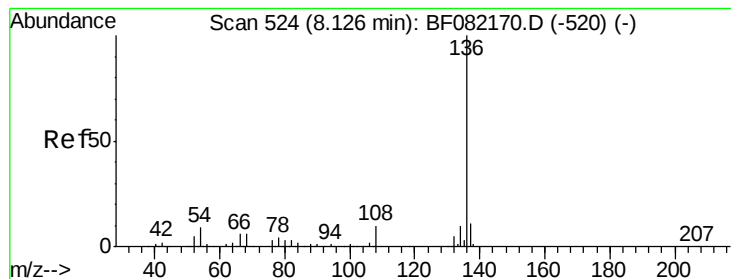
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082304.D

Acq: 15 Oct 2015 12:47

Instrument :

BNA_F

ClientSampleId :

CS-10

Tot Ion:136 Resp: 312809

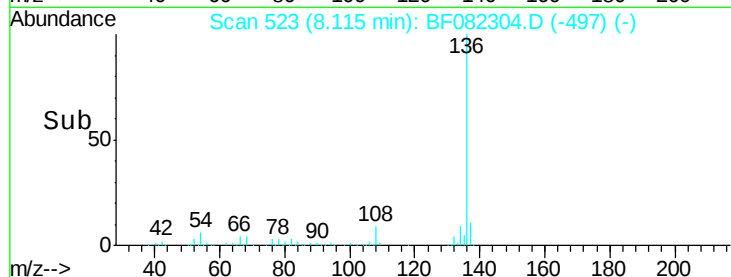
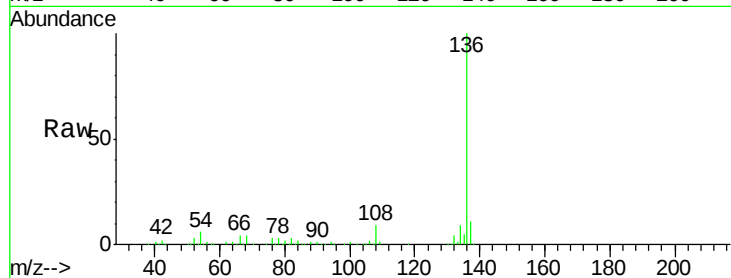
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 6.3 7.5 11.3#

68 4.2 4.6 7.0#

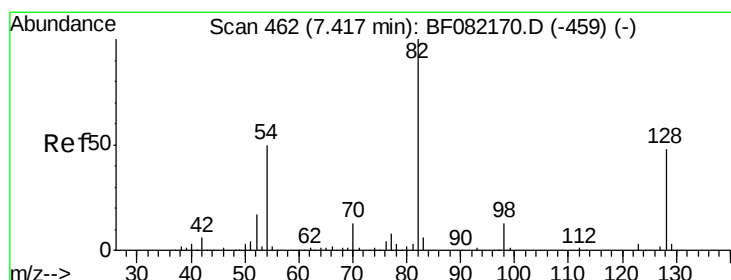
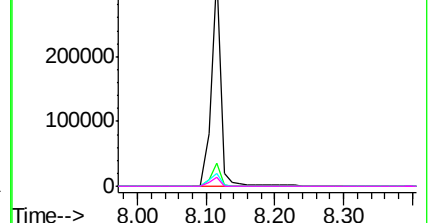


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.23 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF082304.D

Acq: 15 Oct 2015 12:47

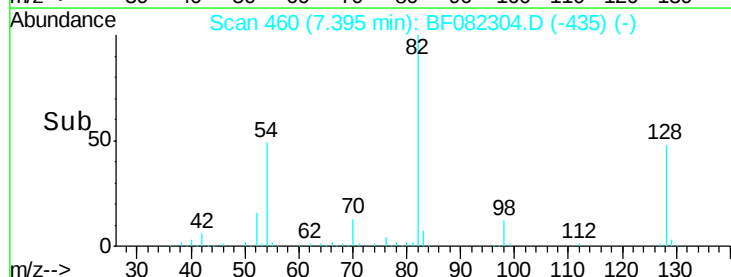
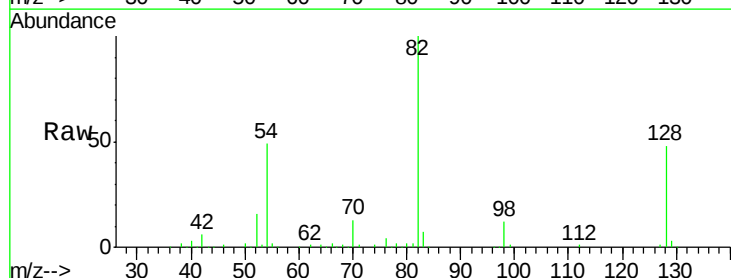
Tgt Ion: 82 Resp: 308499

Ion Ratio Lower Upper

82 100

128 48.3 38.7 58.1

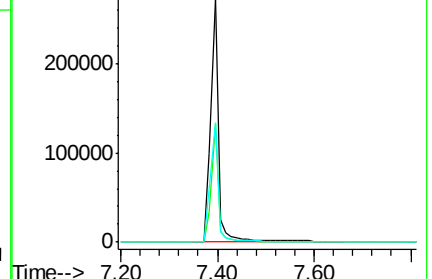
54 49.1 40.1 60.1



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: 24.53 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF082304.D

Acq: 15 Oct 2015 12:47

Instrument :

BNA_F

ClientSampled :

CS-10

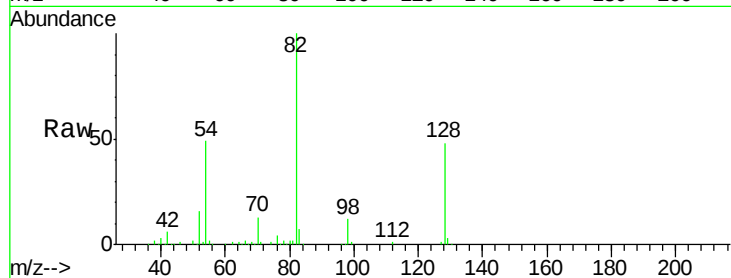
Tot Ion: 82 Resp: 230627

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

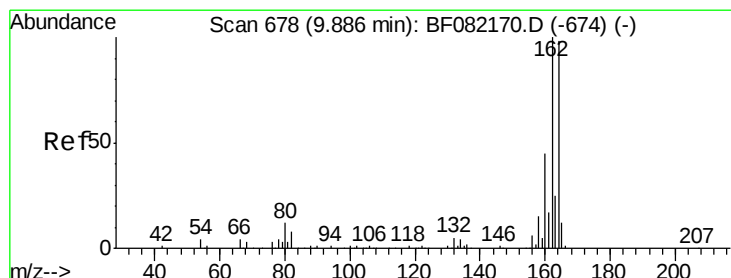
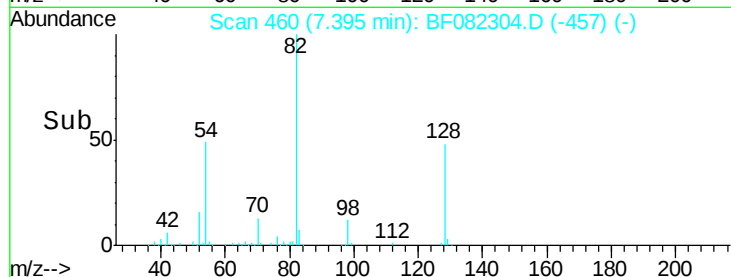
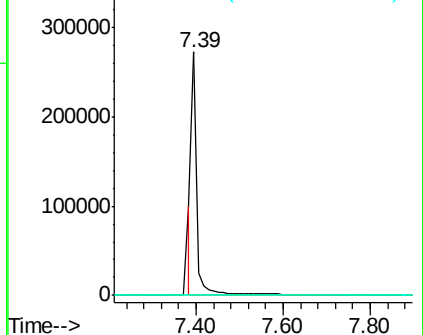
138 0.0 13.6 20.4#



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: 9.87 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF082304.D

Acq: 15 Oct 2015 12:47

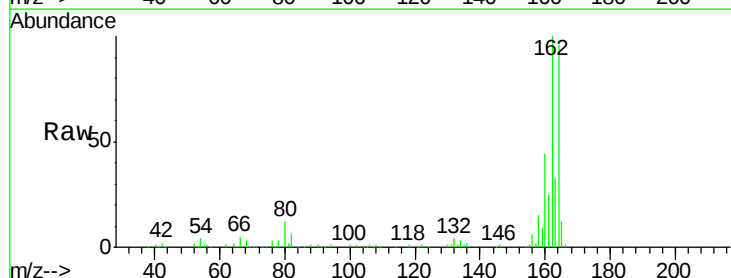
Tgt Ion: 164 Resp: 156675

Ion Ratio Lower Upper

164 100

162 104.0 81.6 122.4

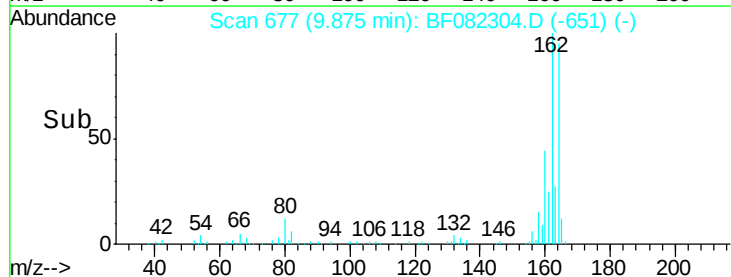
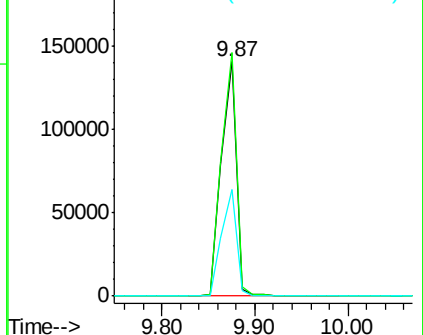
160 45.8 36.4 54.6



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

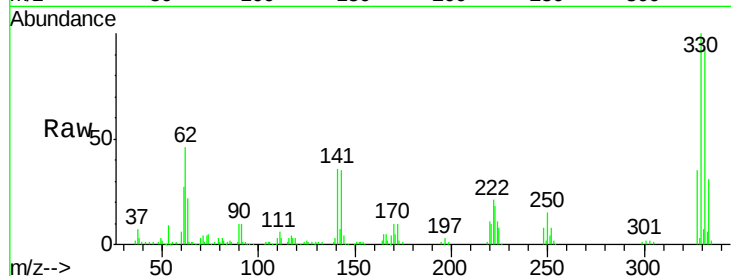




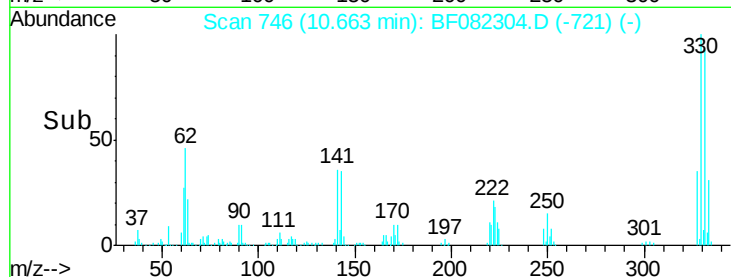
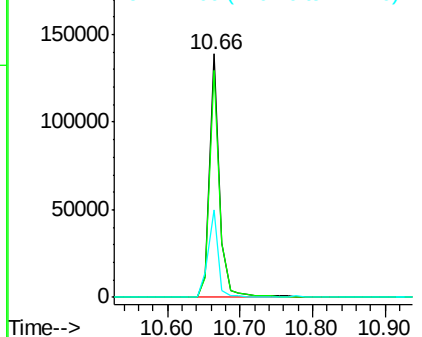
#41
 2,4,6-Tribromophenol
 Concen: 91.39 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082304.D
 Acq: 15 Oct 2015 12:47

Instrument :
 BNA_F
 ClientSampleId :
 CS-10

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.1	115.7
141	36.5	29.8	44.8

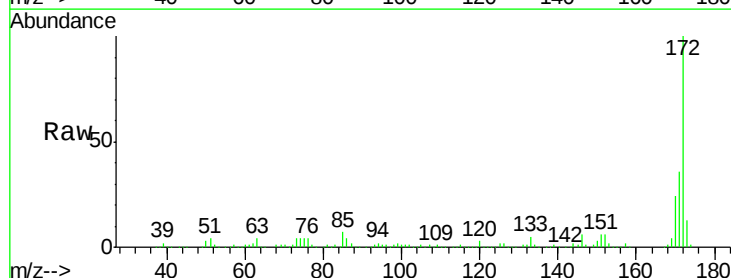


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

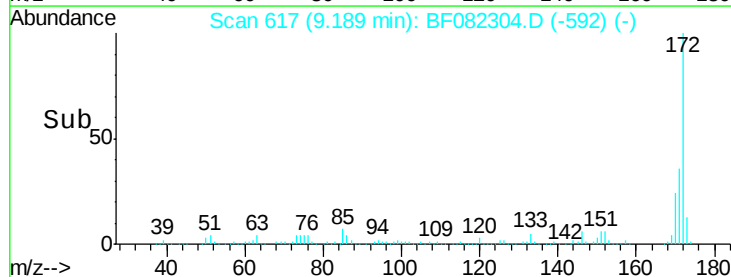
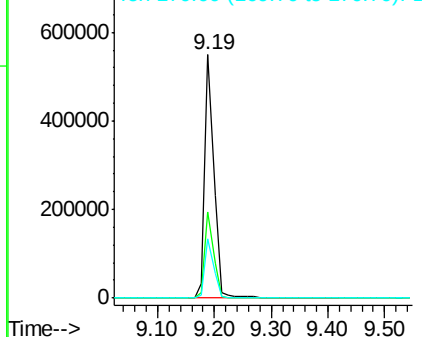


#44
 2-Fluorobiphenyl
 Concen: 62.89 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082304.D
 Acq: 15 Oct 2015 12:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	24.1	19.7	29.5



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

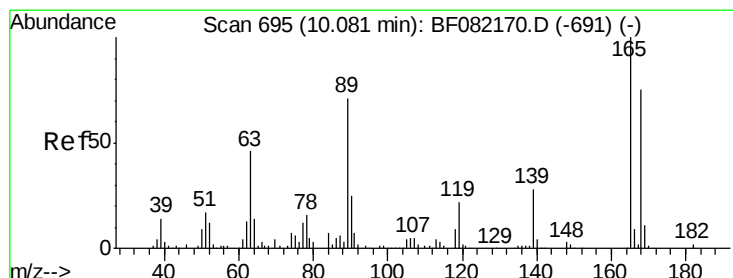
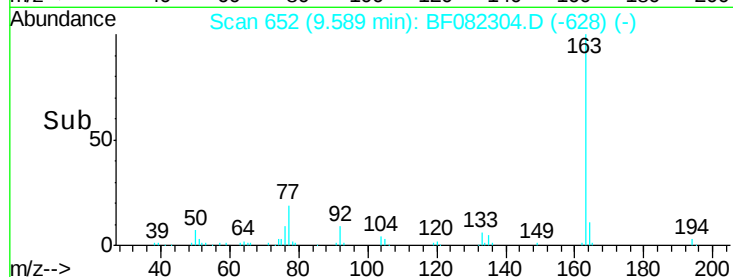
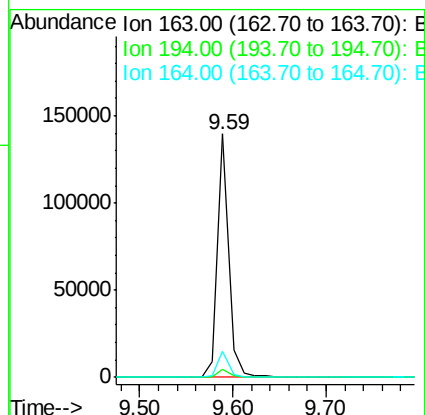
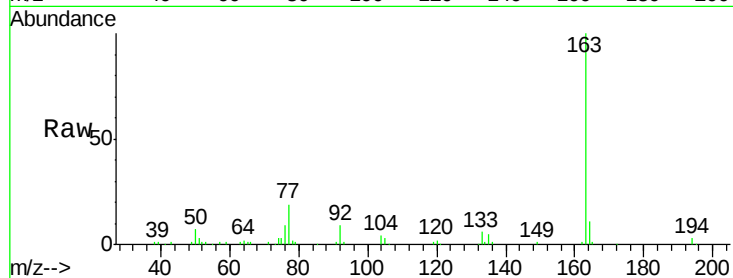




#49
Dimethylphthalate
Concen: 10.63 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082304.D
Acq: 15 Oct 2015 12:47

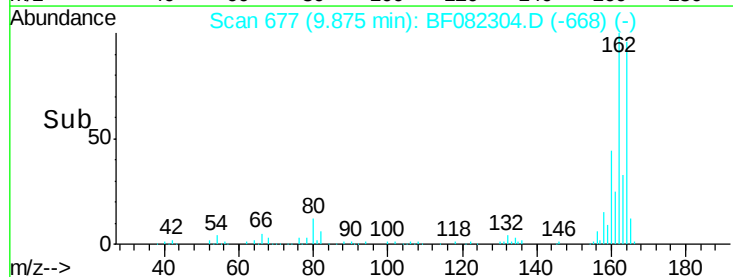
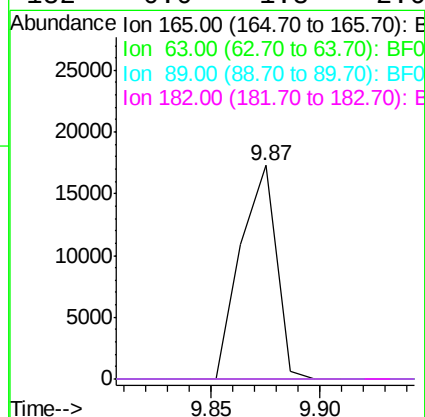
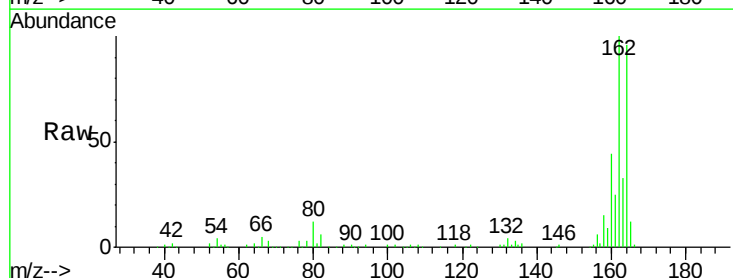
Instrument :
BNA_F
ClientSampleId :
CS-10

Tot Ion:163 Resp: 117260
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.5 8.5 12.7



#56
2,4-Dinitrotoluene
Concen: 6.78 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF082304.D
Acq: 15 Oct 2015 12:47

Tgt Ion:165 Resp: 19731
Ion Ratio Lower Upper
165 100
63 0.0 38.6 58.0#
89 0.0 57.0 85.6#
182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF082304.D

Acq: 15 Oct 2015 12:47

Instrument :

BNA_F

ClientSampleId :

CS-10

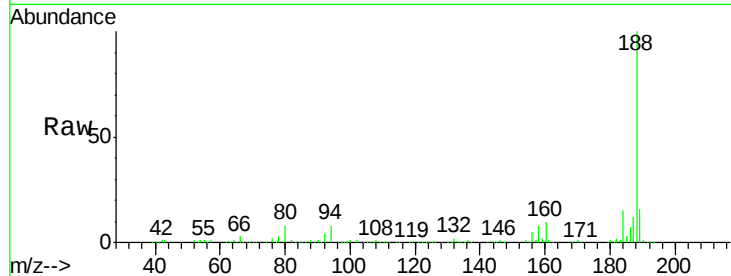
Tot Ion:188 Resp: 300560

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

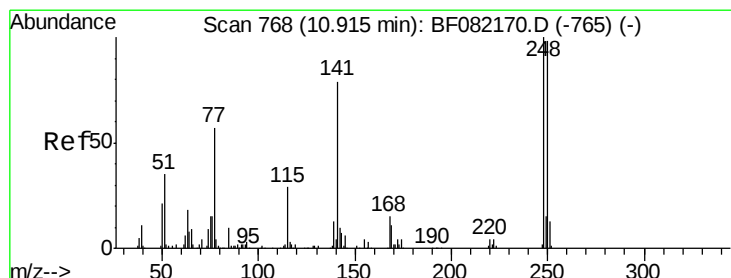
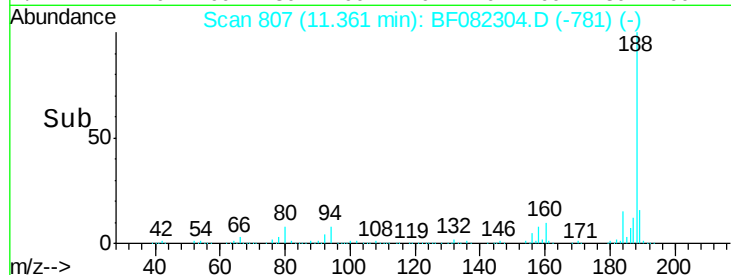
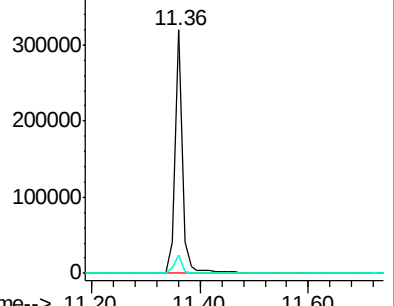
80 7.7 6.4 9.6



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: 3.23 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF082304.D

Acq: 15 Oct 2015 12:47

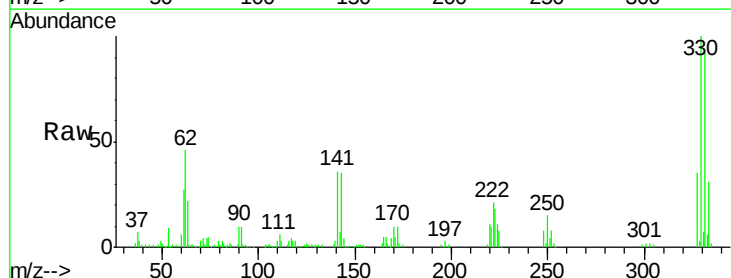
Tgt Ion:248 Resp: 9714

Ion Ratio Lower Upper

248 100

250 187.3 78.6 117.8#

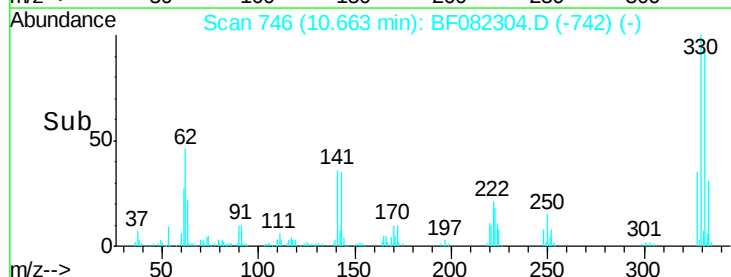
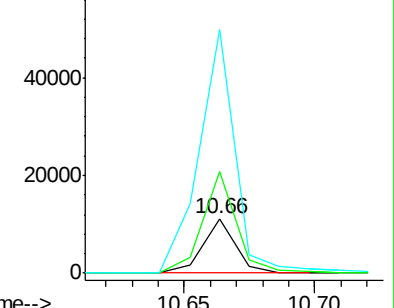
141 449.6 63.3 94.9#

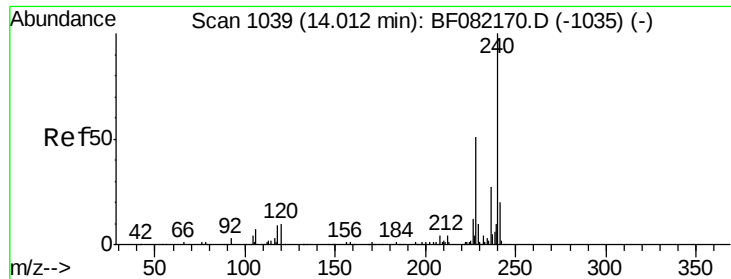


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.09 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF082304.D

Acq: 15 Oct 2015 12:47

Instrument :

BNA_F

ClientSampleId :

CS-10

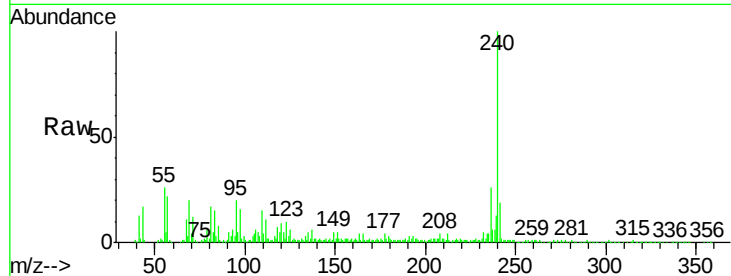
Tot Ion:240 Resp: 191595

Ion Ratio Lower Upper

240 100

120 9.4 8.1 12.1

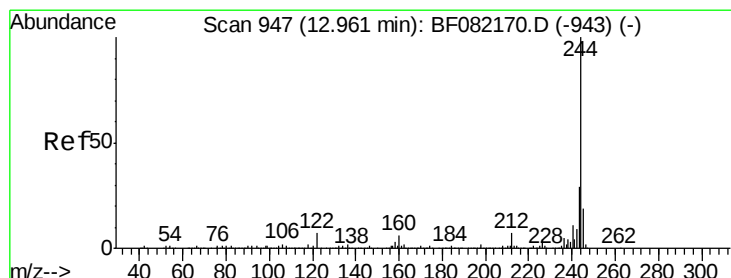
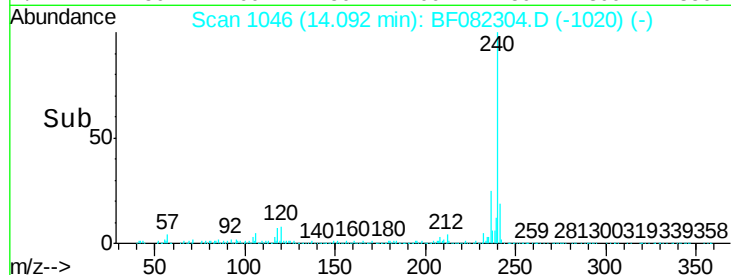
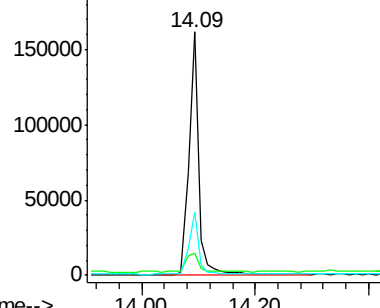
236 25.7 21.3 31.9



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: 77.72 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF082304.D

Acq: 15 Oct 2015 12:47

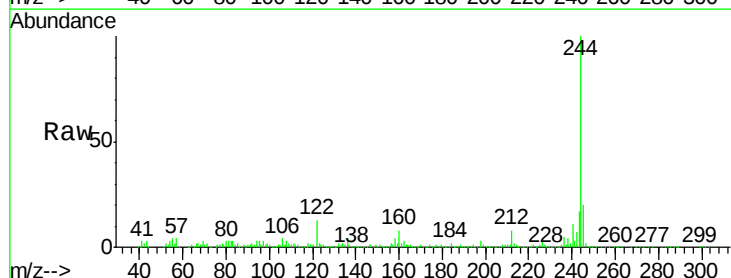
Tgt Ion:244 Resp: 561917

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

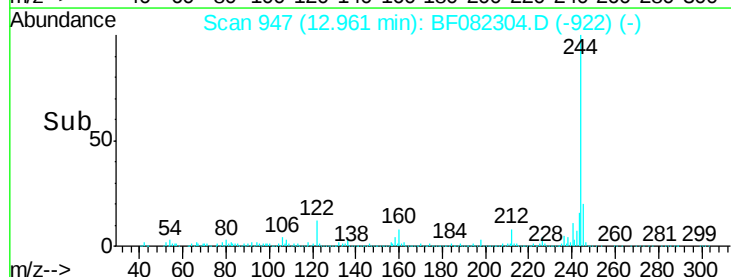
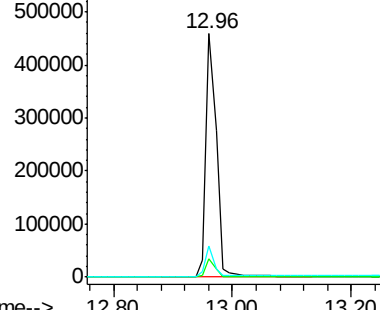
122 12.7 5.9 8.9#

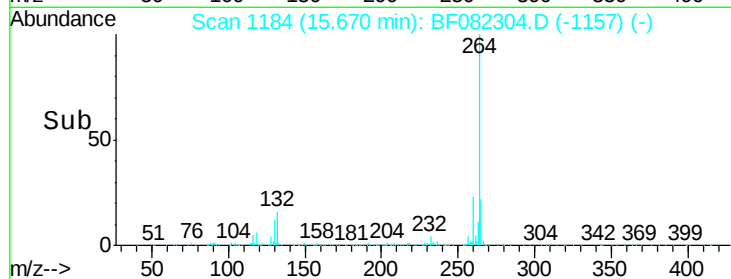
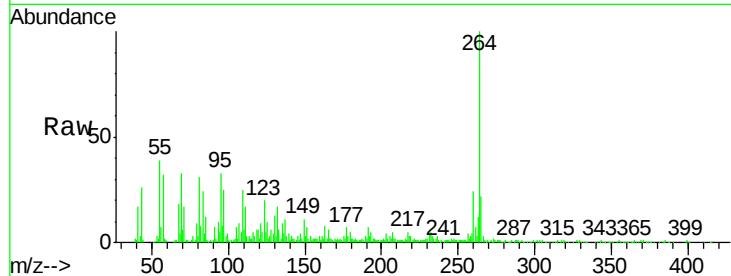
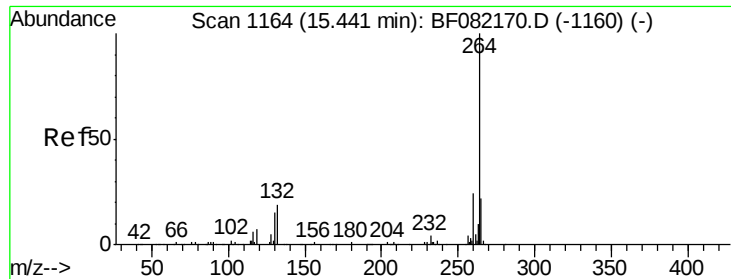


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.67 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF082304.D
 Acq: 15 Oct 2015 12:47

Instrument :
 BNA_F
 ClientSampleId :
 CS-10

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.9	19.0	28.6	
265	22.4	17.3	25.9	

