

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102215\
 Data File : BF082460.D
 Acq On : 22 Oct 2015 22:27
 Operator : UM/IZ
 Sample : G4119-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5

Quant Time: Oct 23 01:42:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:26:32 2015
 Response via : Initial Calibration

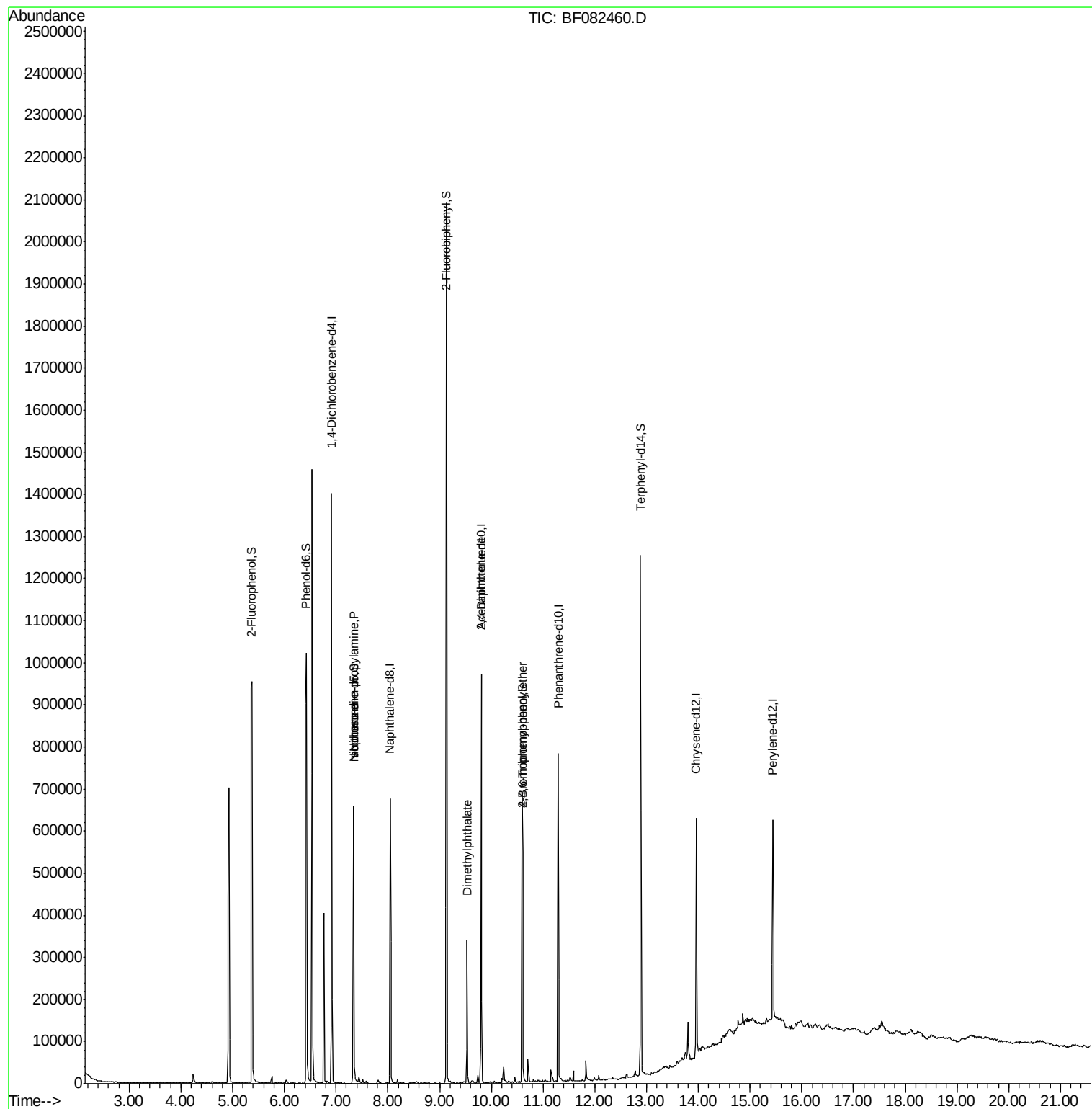
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	209353	20.00	ng	0.15
21) Naphthalene-d8	8.05	136	373406	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	189223	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	317118	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	263765	20.00	ng	-0.05
86) Perylene-d12	15.44	264	222555	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	422539	40.73	ng	0.01
7) Phenol-d6	6.42	99	559621	41.46	ng	0.00
23) Nitrobenzene-d5	7.34	82	321755	57.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	105174	59.27	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	642078	56.27	ng	-0.01
78) Terphenyl-d14	12.88	244	468949	47.11	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	40633	4.29	ng	# 75
25) Isophorone	7.34	82	310243	27.64	ng	# 66
49) Dimethylphthalate	9.53	163	147587	11.08	ng	98
56) 2,4-Dinitrotoluene	9.81	165	24432	6.95	ng	# 23
66) 4-Bromophenyl-phenylether	10.61	248	7882	2.48	ng	# 1

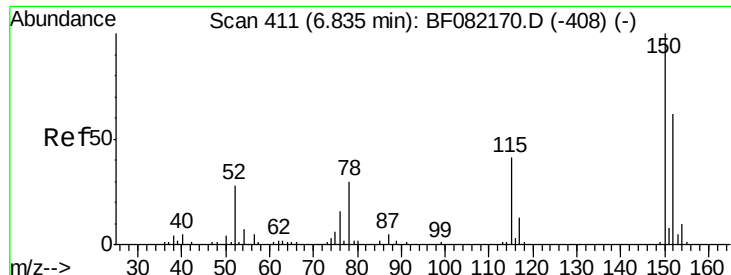
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102215\
Data File : BF082460.D
Acq On : 22 Oct 2015 22:27
Operator : UM/IZ
Sample : G4119-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5

Quant Time: Oct 23 01:42:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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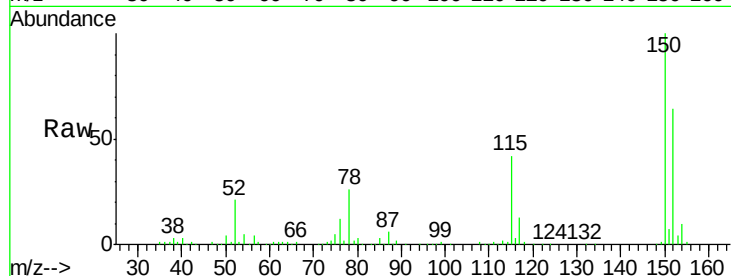




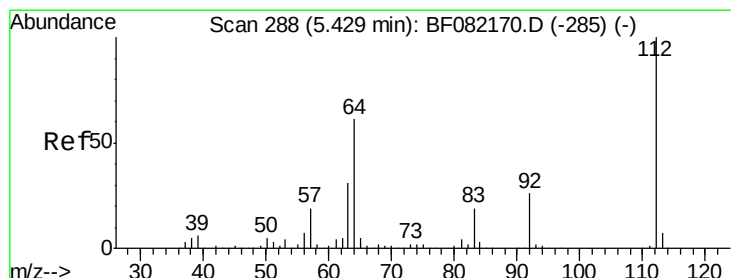
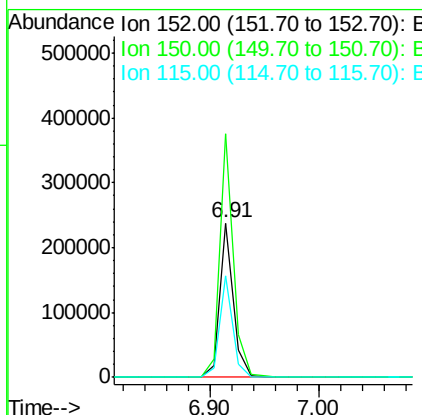
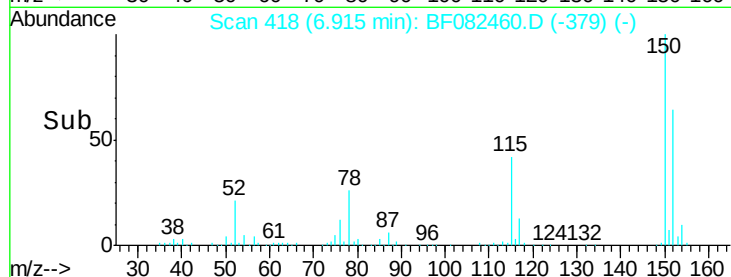
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.91 min Scan# 418
 Delta R.T. 0.15 min
 Lab File: BF082460.D
 Acq: 22 Oct 2015 22:27

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5

Tgt Ion:152 Resp: 209353
 Ion Ratio Lower Upper
 152 100
 150 157.5 129.0 193.4
 115 65.5 52.1 78.1

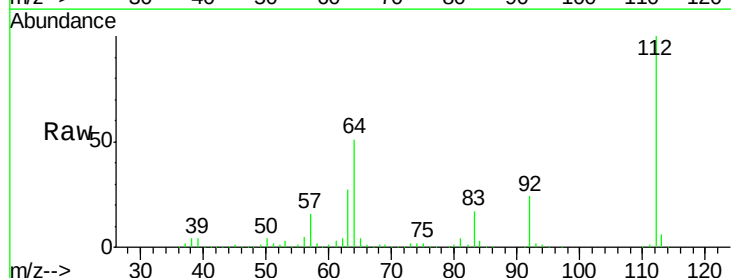


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

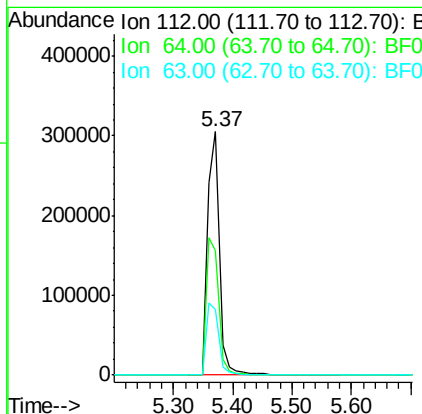
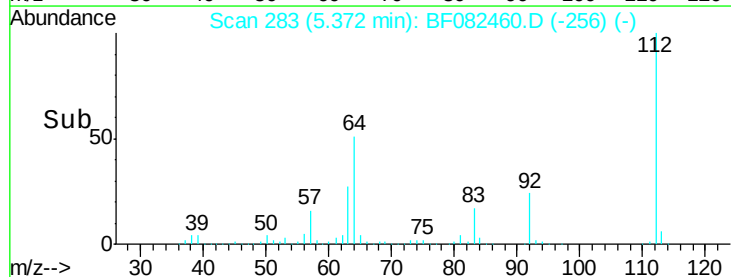


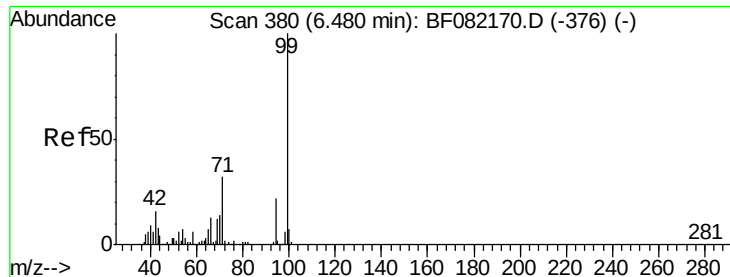
#5
 2-Fluorophenol
 Concen: 40.73 ng
 RT: 5.37 min Scan# 283
 Delta R.T. 0.01 min
 Lab File: BF082460.D
 Acq: 22 Oct 2015 22:27

Tgt Ion:112 Resp: 422539
 Ion Ratio Lower Upper
 112 100
 64 51.4 48.6 73.0
 63 26.9 25.1 37.7



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: 41.46 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082460.D

Acq: 22 Oct 2015 22:27

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5

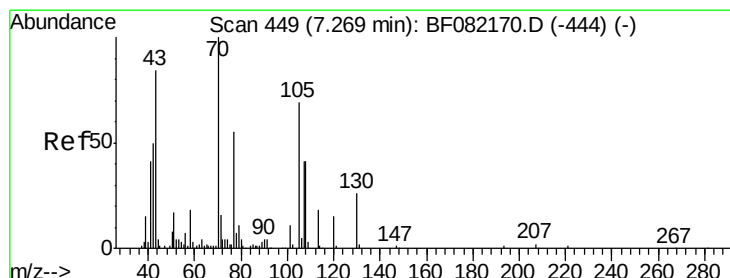
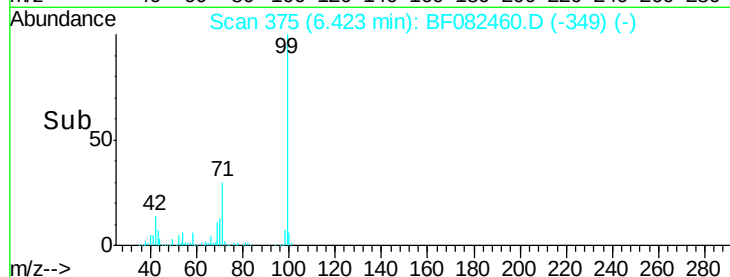
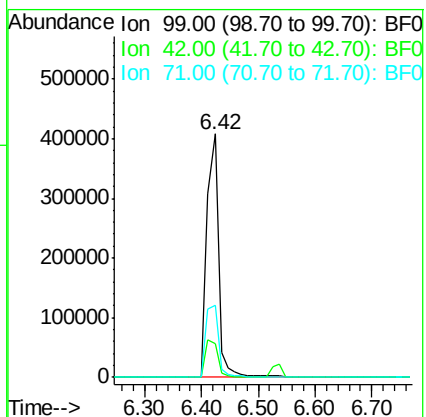
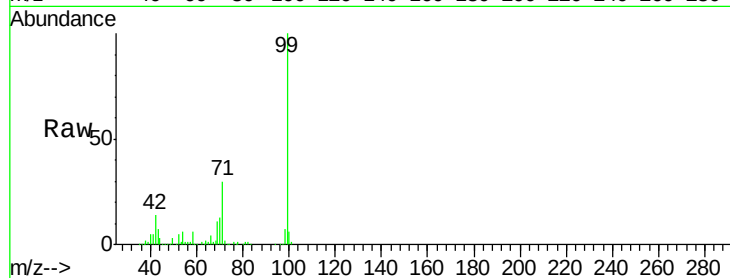
Tgt Ion: 99 Resp: 559621

Ion Ratio Lower Upper

99 100

42 14.0 13.2 19.8

71 29.6 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.29 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF082460.D

Acq: 22 Oct 2015 22:27

Tgt Ion: 70 Resp: 40633

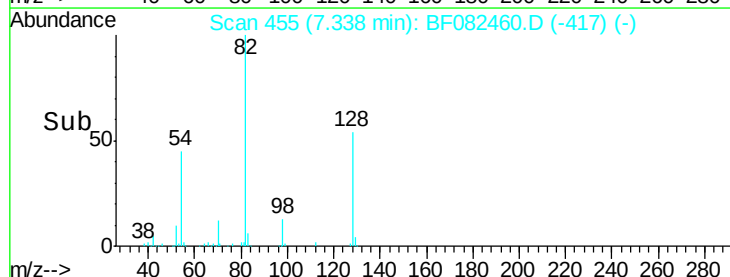
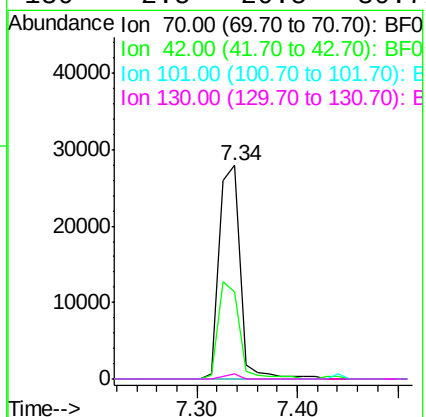
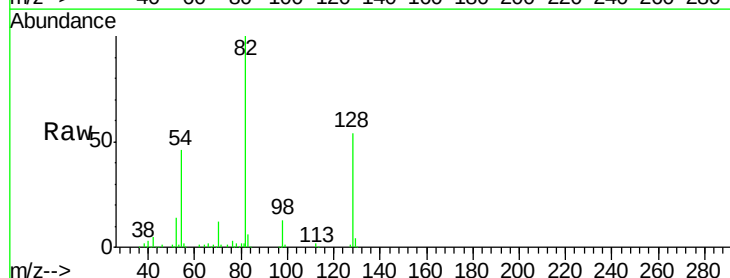
Ion Ratio Lower Upper

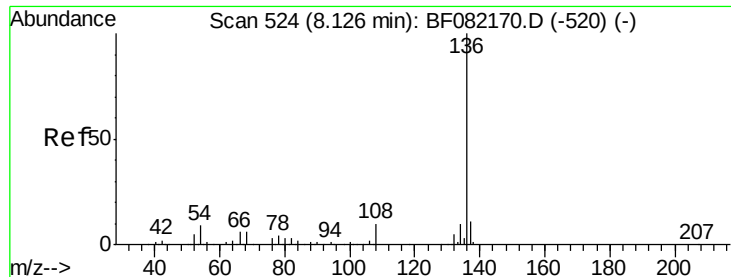
70 100

42 40.6 39.8 59.8

101 0.0 8.6 13.0#

130 2.5 20.5 30.7#

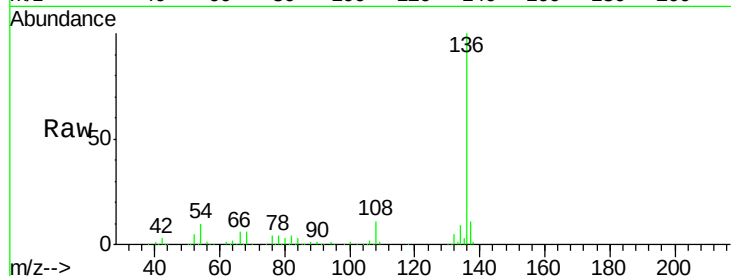




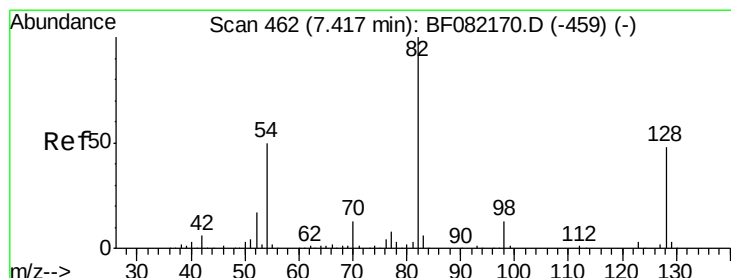
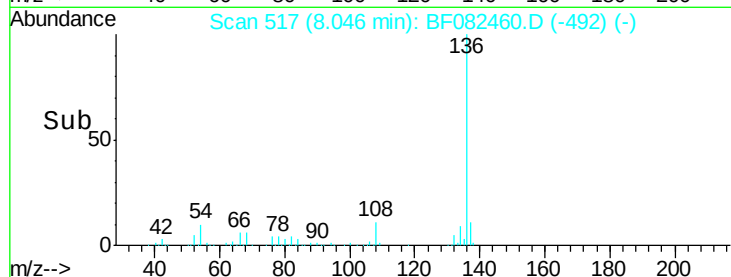
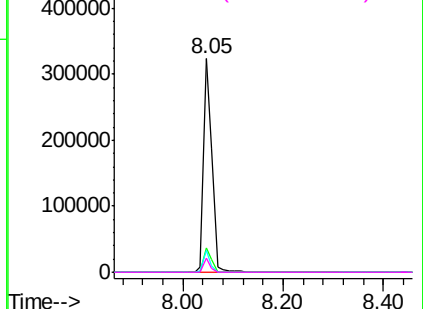
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF082460.D
Acq: 22 Oct 2015 22:27

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5

Tgt Ion:	136	Resp:	373406
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	10.4	7.5	11.3
68	6.5	4.6	7.0

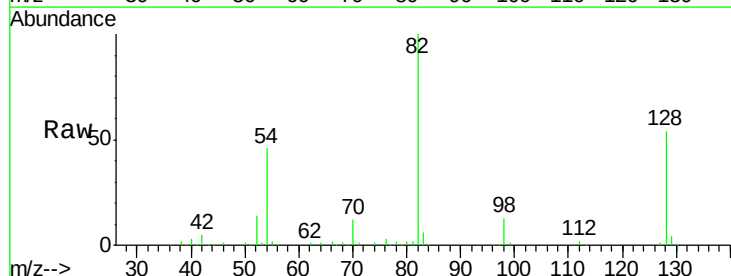


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

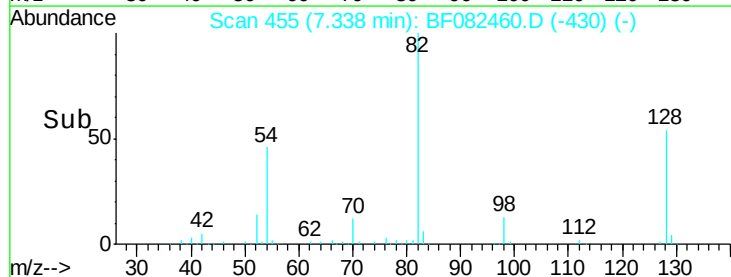
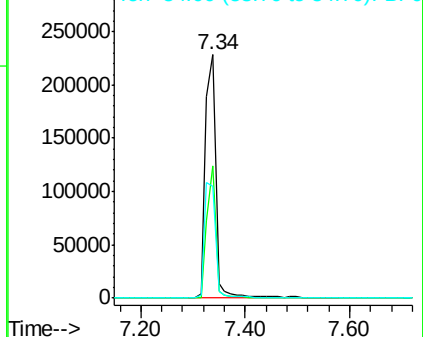


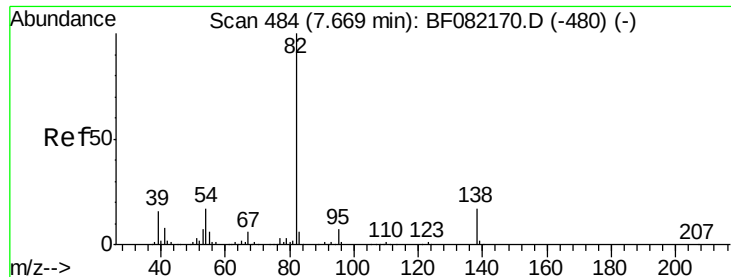
#23
Nitrobenzene-d5
Concen: 57.87 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082460.D
Acq: 22 Oct 2015 22:27

Tgt Ion:	82	Resp:	321755
Ion	Ratio	Lower	Upper
82	100		
128	54.5	38.7	58.1
54	46.0	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: 27.64 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.26 min

Lab File: BF082460.D

Acq: 22 Oct 2015 22:27

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5

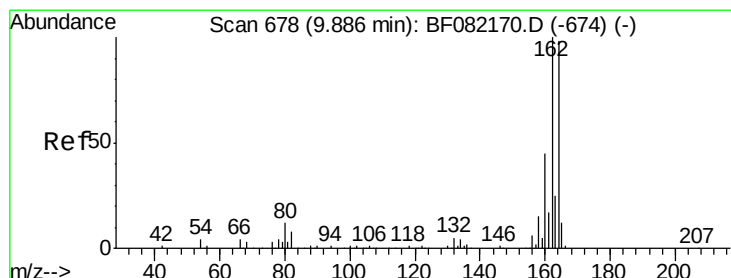
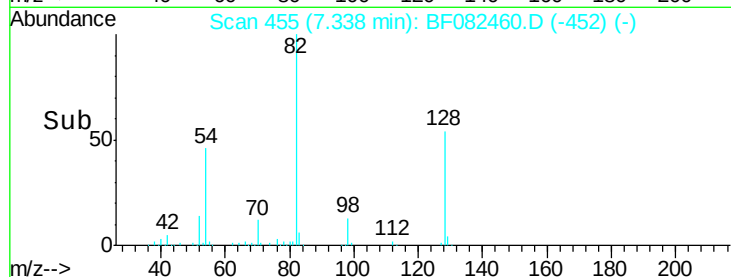
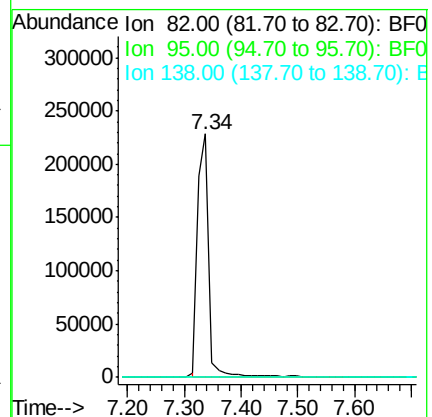
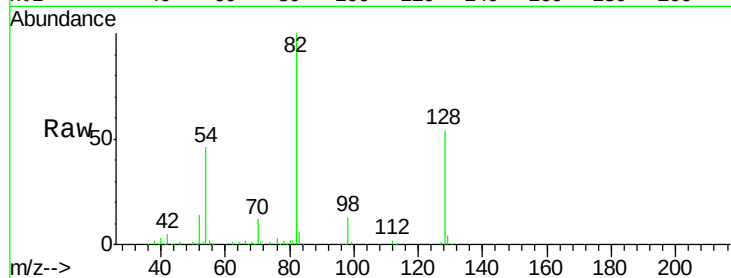
Tgt Ion: 82 Resp: 310243

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF082460.D

Acq: 22 Oct 2015 22:27

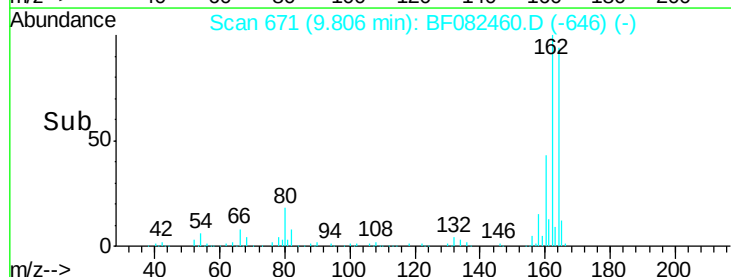
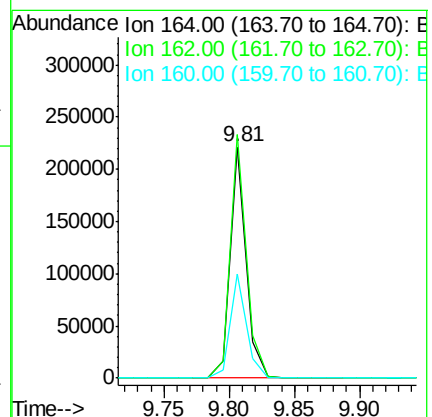
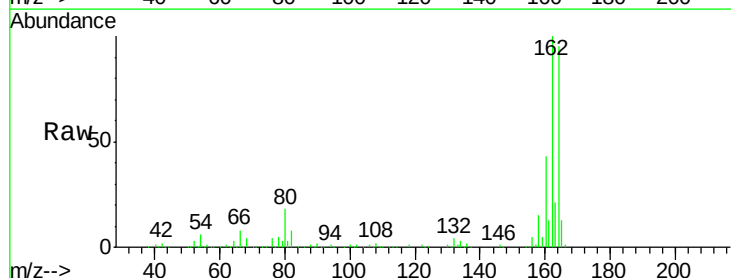
Tgt Ion: 164 Resp: 189223

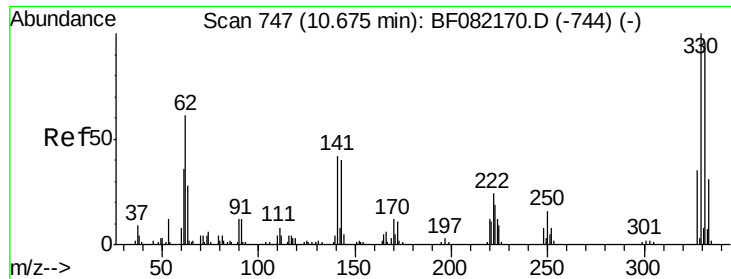
Ion Ratio Lower Upper

164 100

162 105.2 81.6 122.4

160 45.2 36.4 54.6

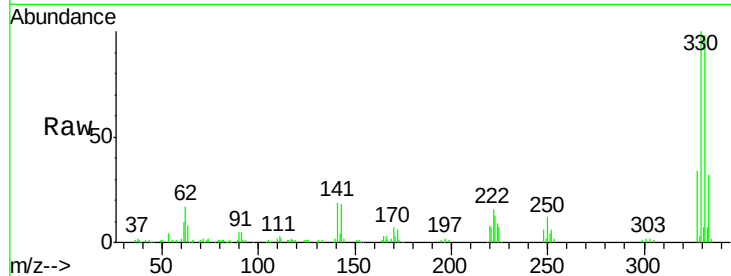




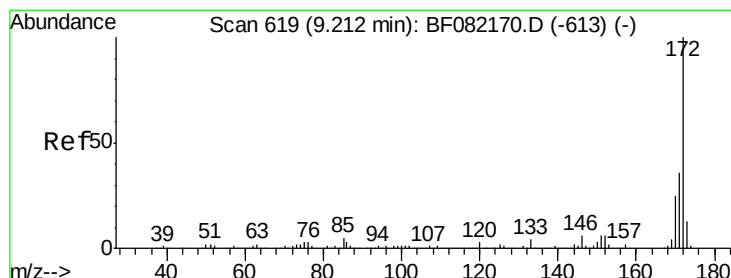
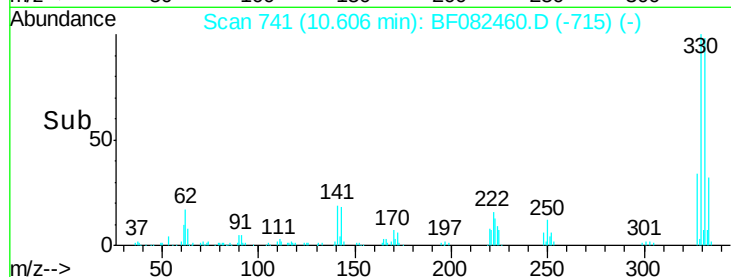
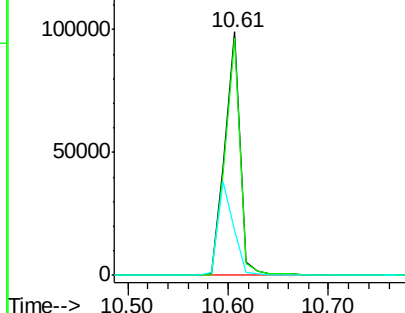
#41
 2,4,6-Tribromophenol
 Concen: 59.27 ng
 RT: 10.61 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF082460.D
 Acq: 22 Oct 2015 22:27

Instrument :
 BNA_F
 ClientSampleId :
 SB15-17-10-10.5

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	39.7	29.8	44.8

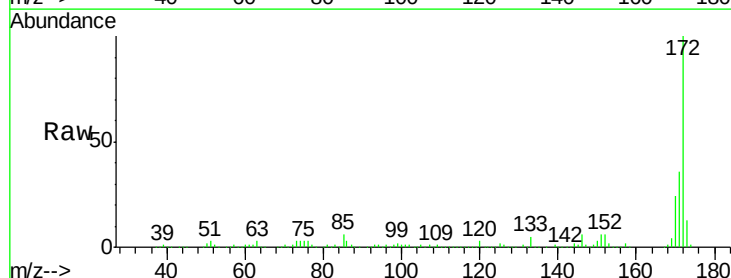


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

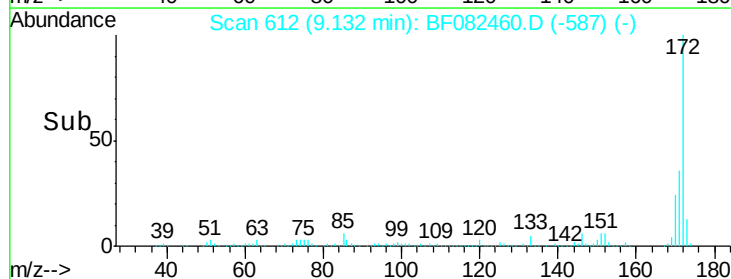
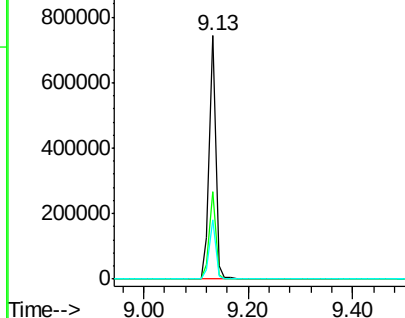


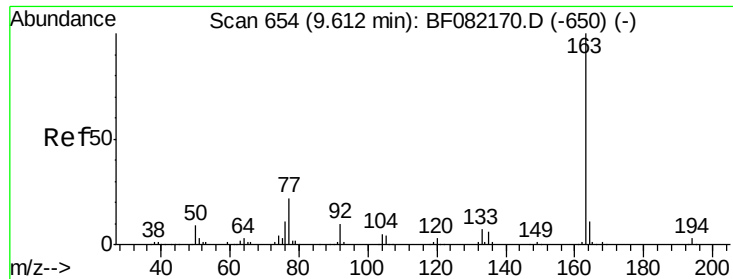
#44
 2-Fluorobiphenyl
 Concen: 56.27 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082460.D
 Acq: 22 Oct 2015 22:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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

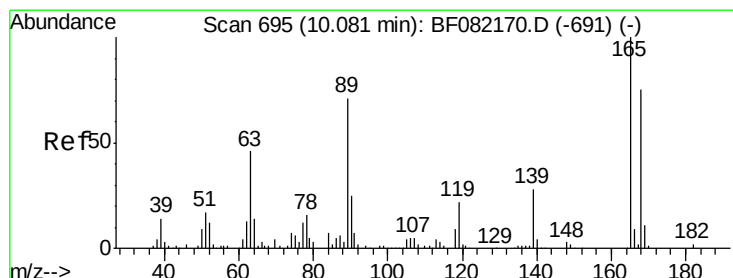
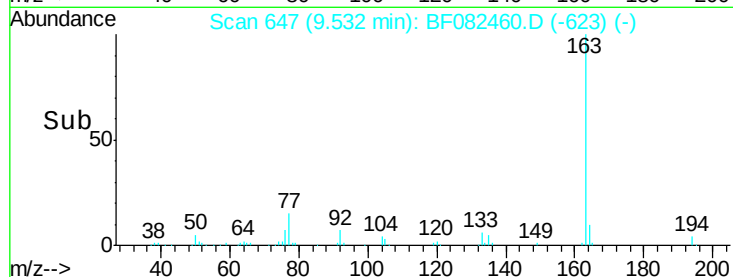
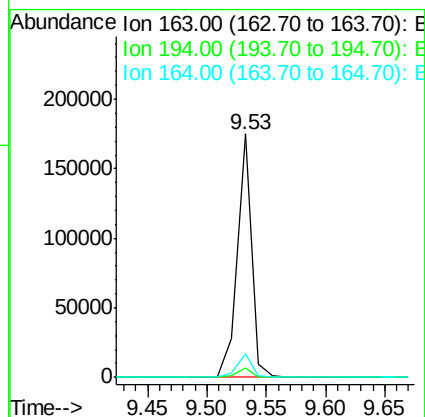
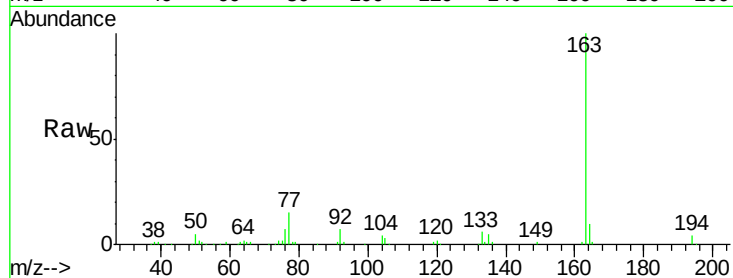




#49
Dimethylphthalate
Concen: 11.08 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082460.D
Acq: 22 Oct 2015 22:27

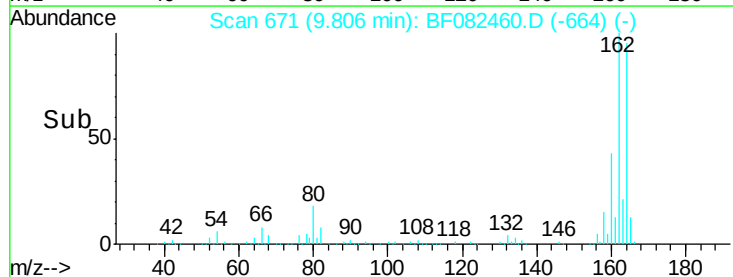
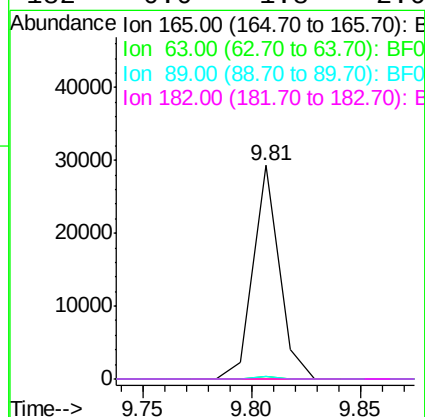
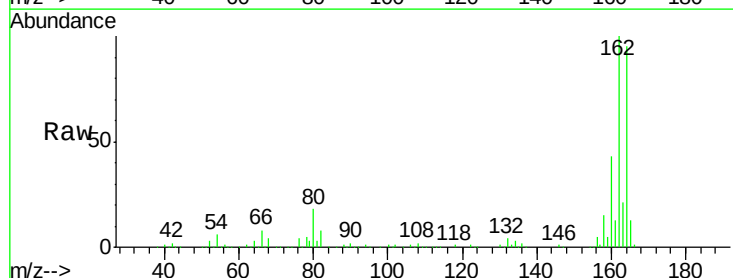
Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5

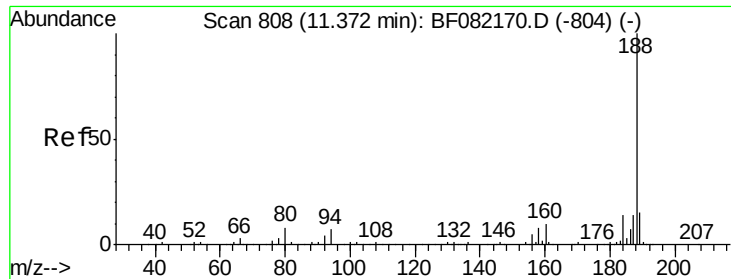
Tgt Ion:163 Resp: 147587
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.8 8.5 12.7



#56
2,4-Dinitrotoluene
Concen: 6.95 ng
RT: 9.81 min Scan# 671
Delta R.T. -0.22 min
Lab File: BF082460.D
Acq: 22 Oct 2015 22:27

Tgt Ion:165 Resp: 24432
Ion Ratio Lower Upper
165 100
63 1.4 38.6 58.0#
89 1.5 57.0 85.6#
182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF082460.D

Acq: 22 Oct 2015 22:27

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5

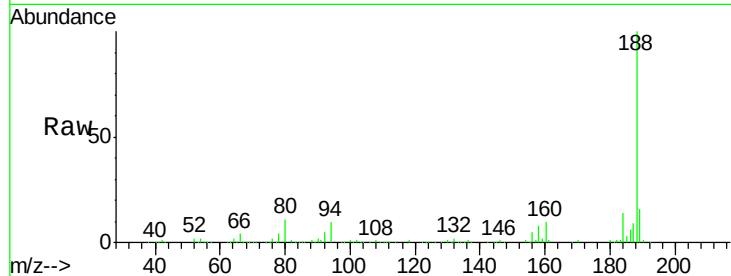
Tgt Ion:188 Resp: 317118

Ion Ratio Lower Upper

188 100

94 10.0 5.8 8.6#

80 10.7 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

11.29

300000

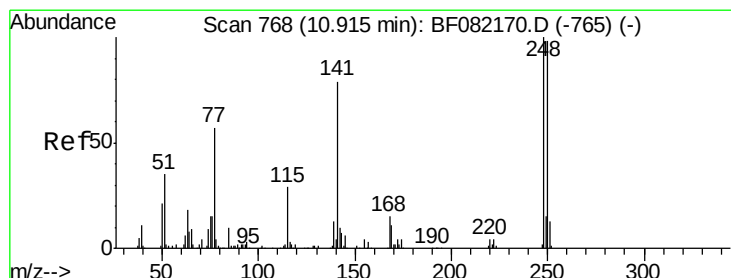
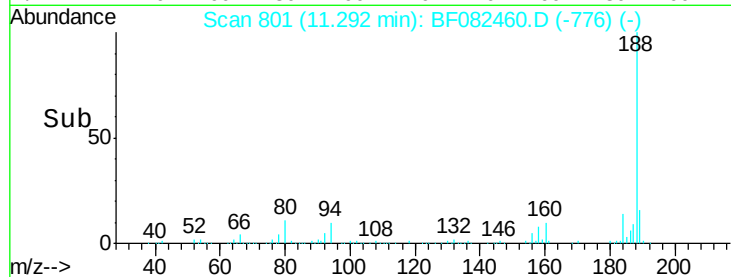
200000

100000

0

Time-->

11.20 11.40 11.60



#66

4-Bromophenyl-phenylether

Concen: 2.48 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.24 min

Lab File: BF082460.D

Acq: 22 Oct 2015 22:27

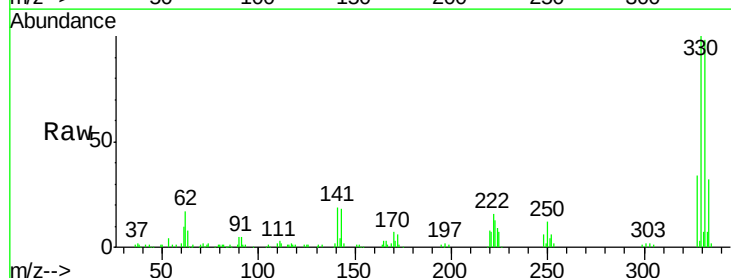
Tgt Ion:248 Resp: 7882

Ion Ratio Lower Upper

248 100

250 201.5 78.6 117.8#

141 307.0 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

50000

40000

30000

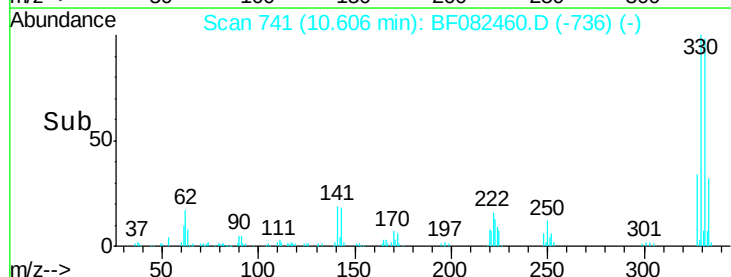
20000

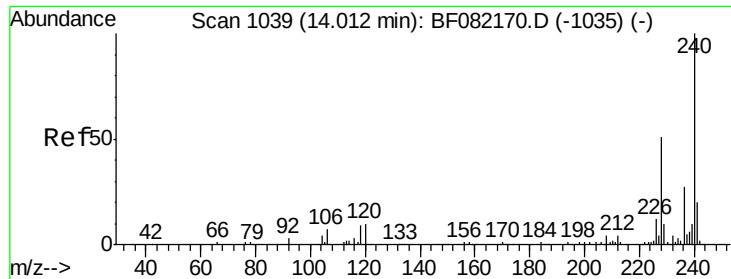
10000

0

Time-->

10.55 10.60 10.65





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF082460.D

Acq: 22 Oct 2015 22:27

Instrument :

BNA_F

ClientSampleId :

SB15-17-10-10.5

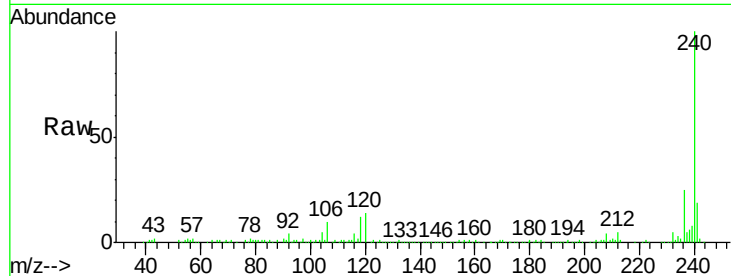
Tgt Ion:240 Resp: 263765

Ion Ratio Lower Upper

240 100

120 13.6 8.1 12.1#

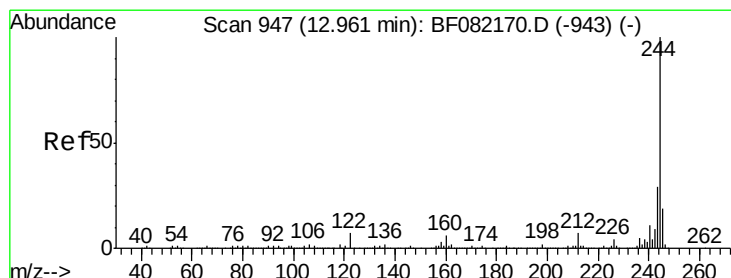
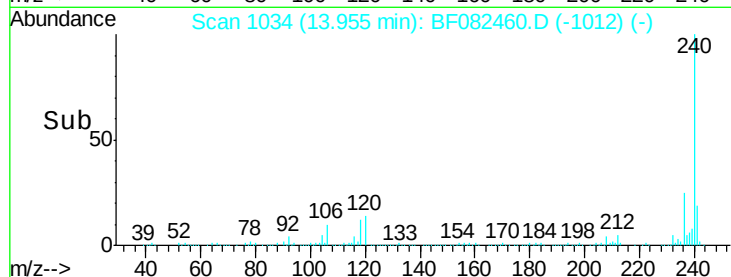
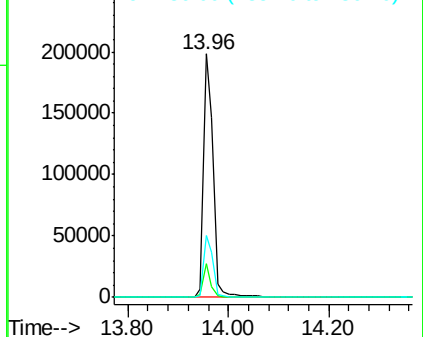
236 25.5 21.3 31.9



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: 47.11 ng

RT: 12.88 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF082460.D

Acq: 22 Oct 2015 22:27

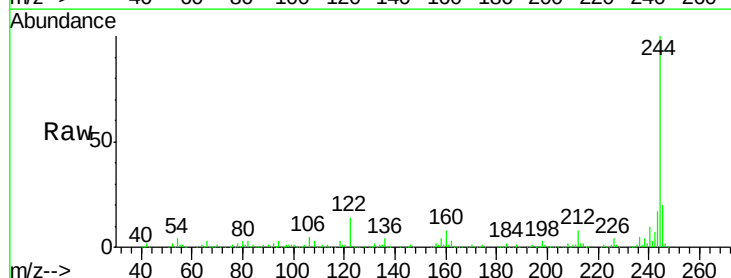
Tgt Ion:244 Resp: 468949

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.6

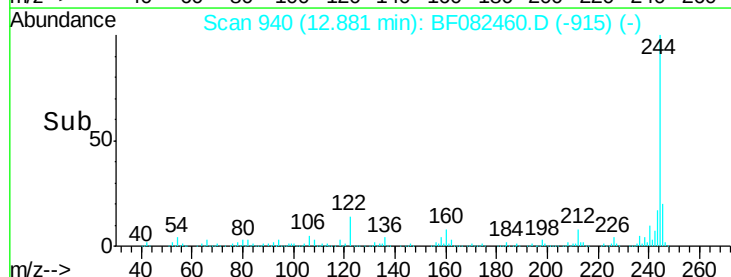
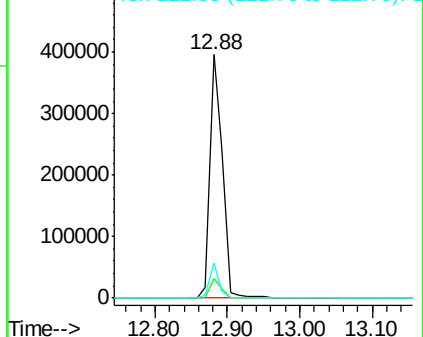
122 14.2 5.9 8.9#

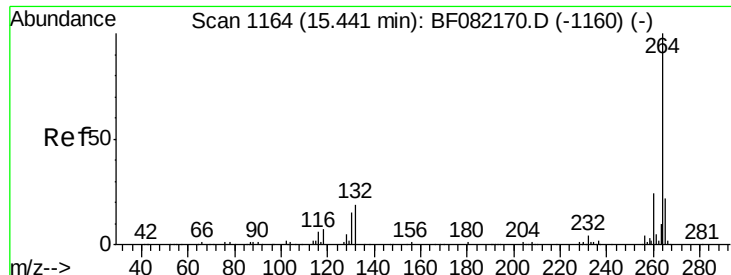


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

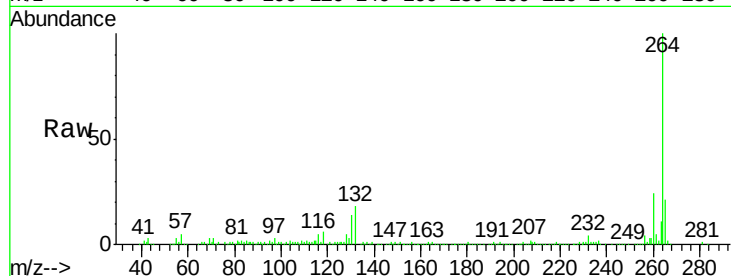




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.09 min
Lab File: BF082460.D
Acq: 22 Oct 2015 22:27

Instrument :
BNA_F
ClientSampleId :
SB15-17-10-10.5

Tgt Ion:	264	Resp:	222555
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.3	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

