

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082256.D
 Acq On : 13 Oct 2015 16:10
 Operator : UM/IZ
 Sample : PB86092BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86092BL

Quant Time: Oct 14 01:17:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 01:15:23 2015
 Response via : Initial Calibration

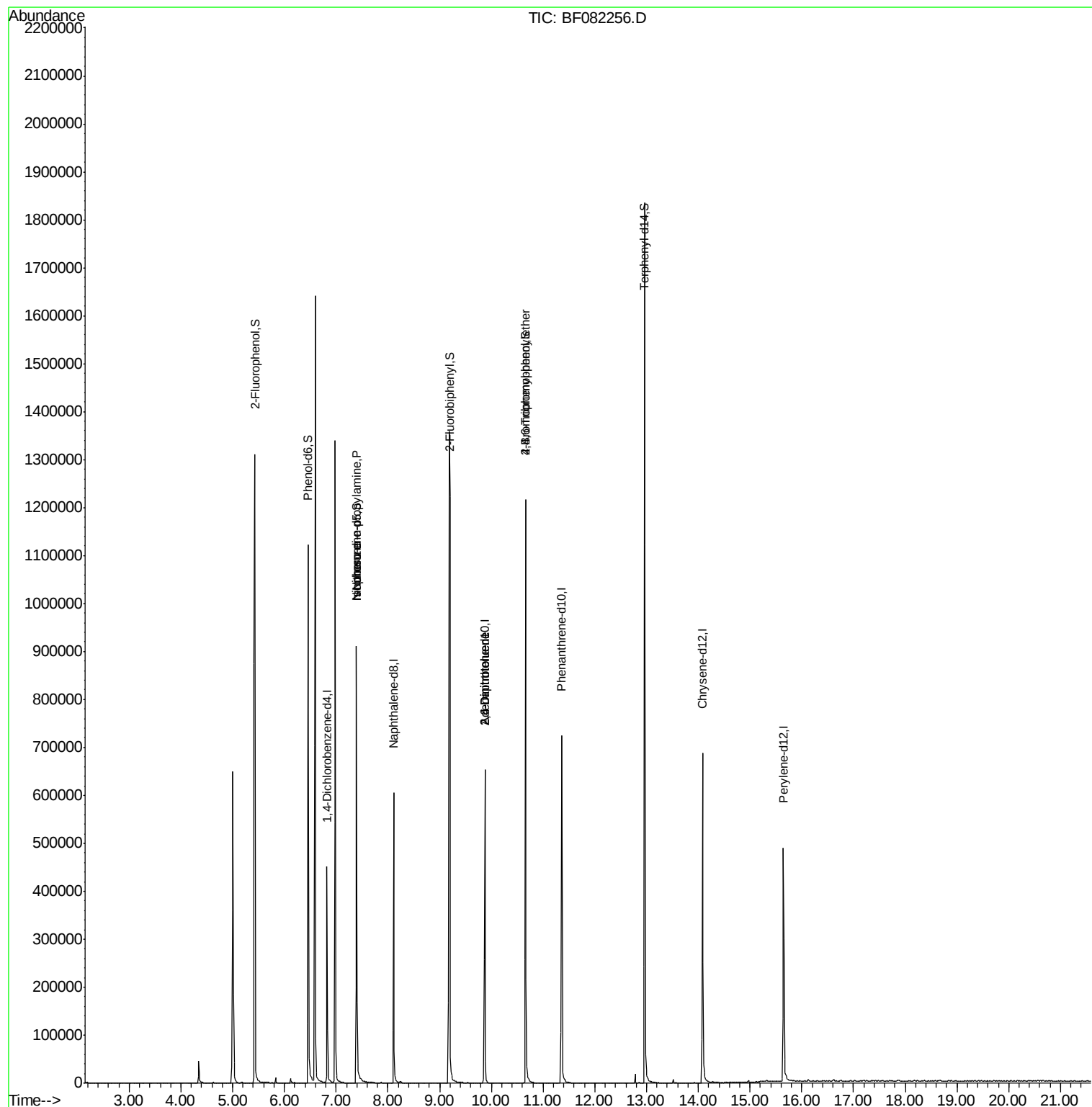
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	76582	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	303852	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	153443	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	306245	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	317383	20.00	ng	-0.06
86) Perylene-d12	15.65	264	280145	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	475317	125.26	ng	0.01
7) Phenol-d6	6.46	99	572759	115.99	ng	-0.01
23) Nitrobenzene-d5	7.39	82	350329	77.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	153128	106.41	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	730355	78.93	ng	0.00
78) Terphenyl-d14	12.96	244	829712	69.28	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	44418	12.81	ng	# 81
25) Isophorone	7.39	82	301433	33.01	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	19191	8.42	ng	# 30
56) 2,4-Dinitrotoluene	9.87	165	19191	6.73	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	10786	3.52	ng	# 1

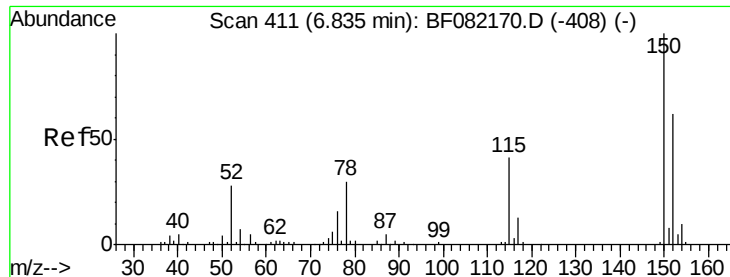
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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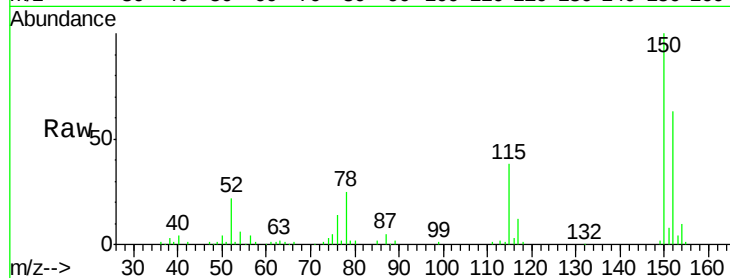


#1

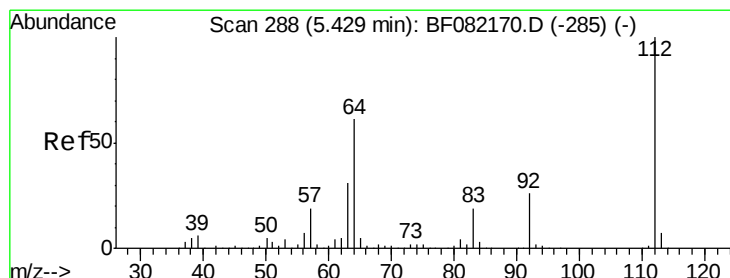
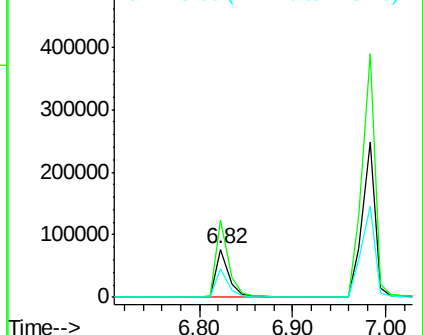
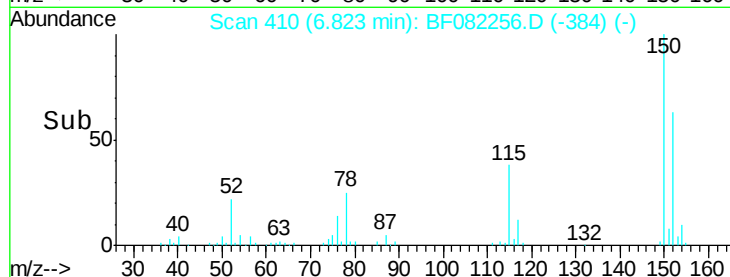
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082256.D
Acq: 13 Oct 2015 16:10

Instrument :
BNA_F
ClientSampleId :
PB86092BL

Tot Ion:152 Resp: 76582
Ion Ratio Lower Upper
152 100
150 159.2 129.0 193.4
115 59.9 52.1 78.1



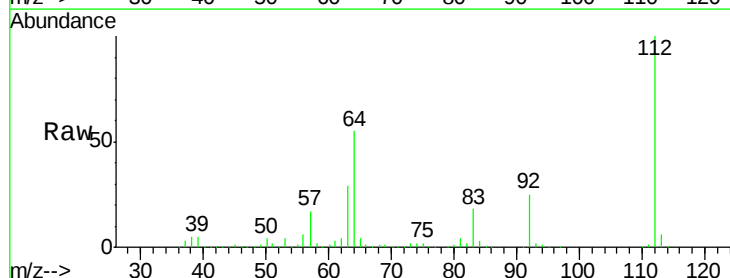
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



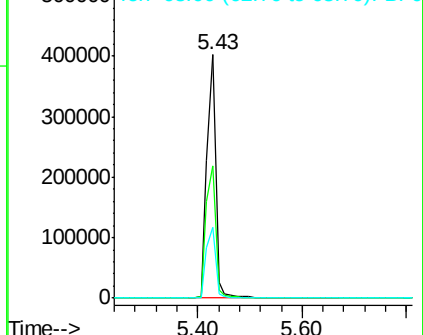
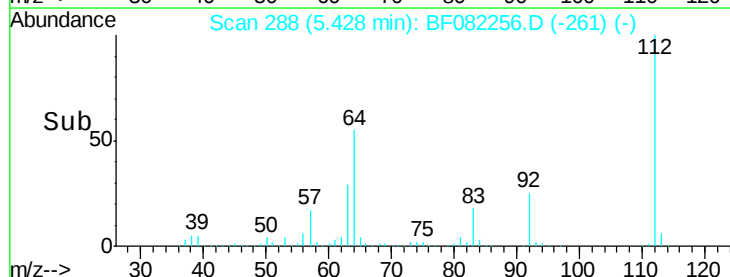
#5

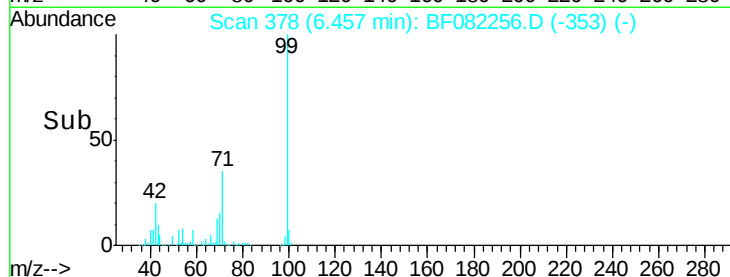
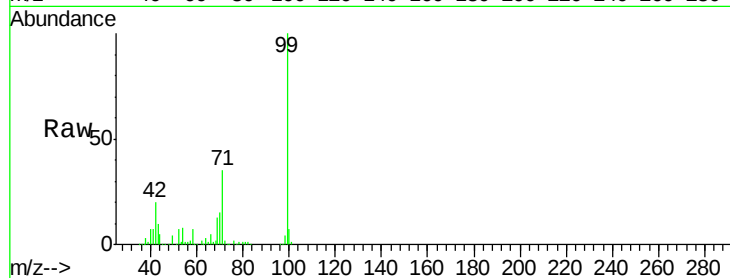
2-Fluorophenol
Concen: 125.26 ng
RT: 5.43 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF082256.D
Acq: 13 Oct 2015 16:10

Tgt Ion:112 Resp: 475317
Ion Ratio Lower Upper
112 100
64 54.5 48.6 73.0
63 29.3 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: 115.99 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082256.D

Acq: 13 Oct 2015 16:10

Instrument :

BNA_F

ClientSampled :

PB86092BL

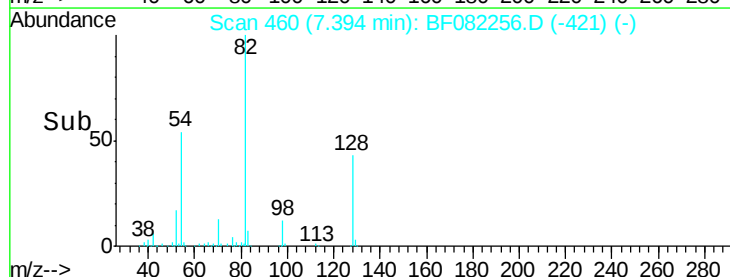
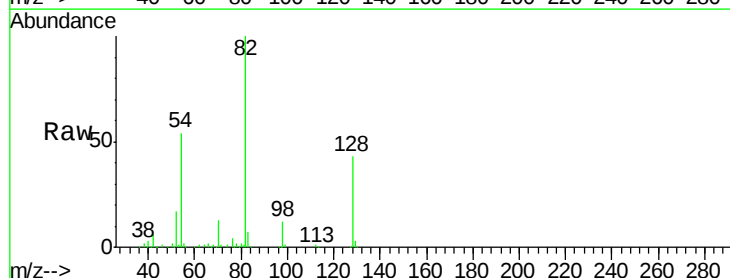
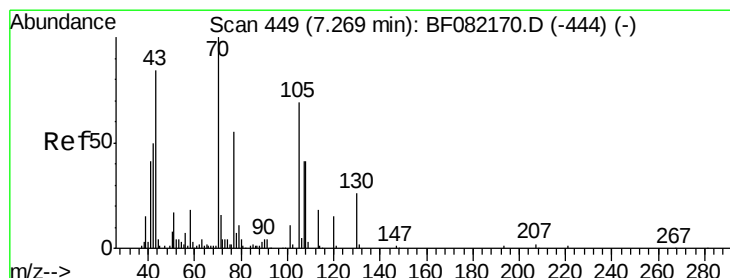
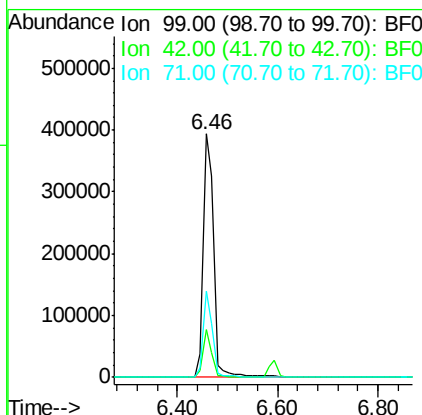
Tot Ion: 99 Resp: 572759

Ion Ratio Lower Upper

99 100

42 19.8 13.2 19.8#

71 35.3 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.81 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF082256.D

Acq: 13 Oct 2015 16:10

Tgt Ion: 70 Resp: 44418

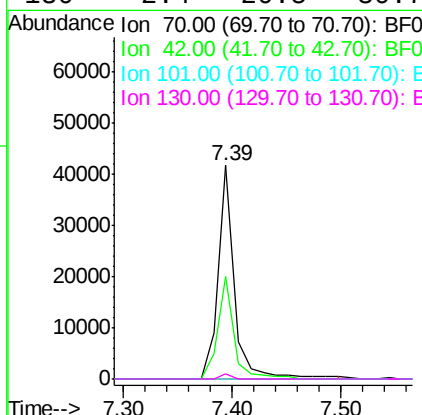
Ion Ratio Lower Upper

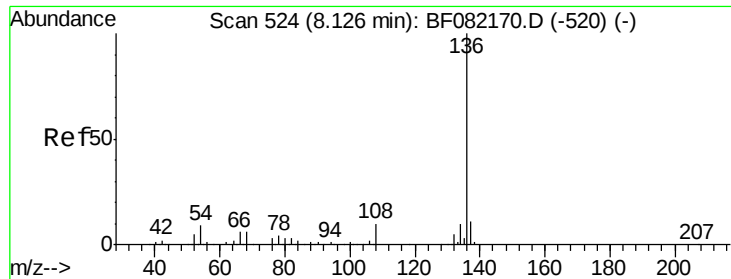
70 100

42 48.0 39.8 59.8

101 0.0 8.6 13.0#

130 2.4 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF082256.D

Acq: 13 Oct 2015 16:10

Instrument :

BNA_F

ClientSampleId :

PB86092BL

Tot Ion:136 Resp: 303852

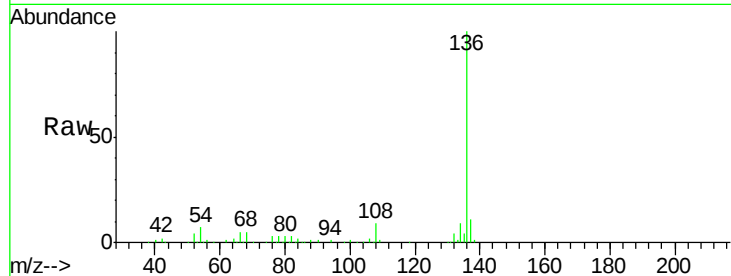
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 7.4 7.5 11.3#

68 5.1 4.6 7.0

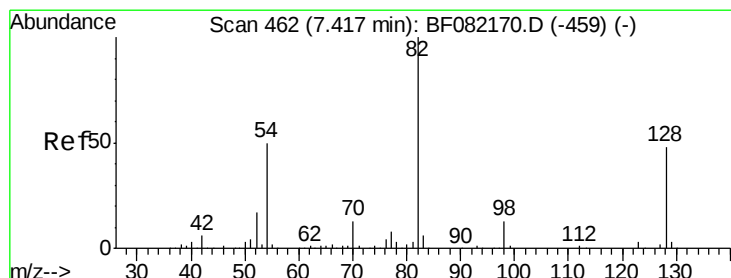
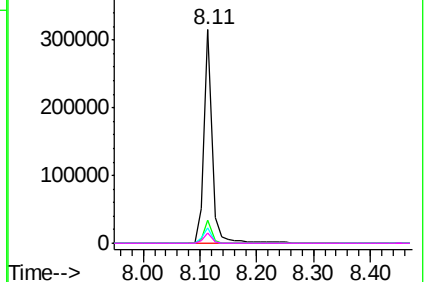
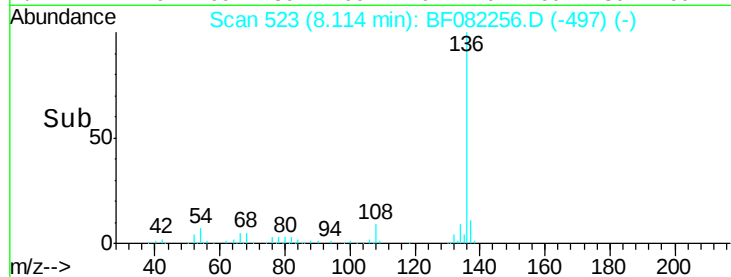


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.43 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF082256.D

Acq: 13 Oct 2015 16:10

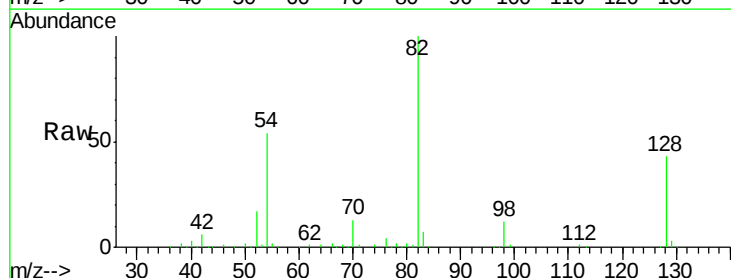
Tgt Ion: 82 Resp: 350329

Ion Ratio Lower Upper

82 100

128 42.9 38.7 58.1

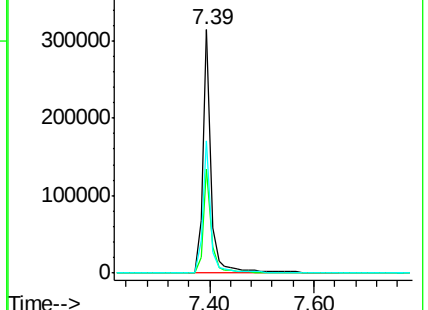
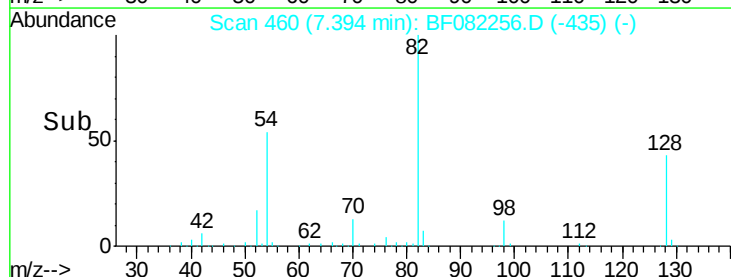
54 54.1 40.1 60.1



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: 33.01 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF082256.D

Acq: 13 Oct 2015 16:10

Instrument :

BNA_F

ClientSampleId :

PB86092BL

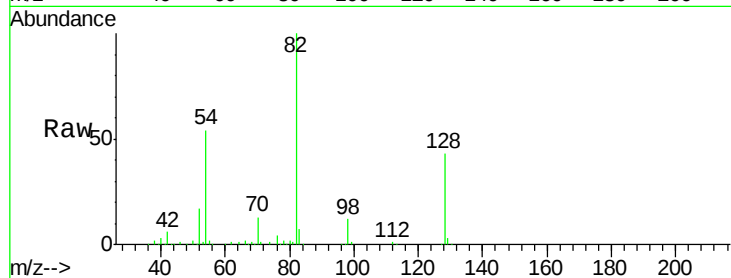
Tot Ion: 82 Resp: 301433

Ion Ratio Lower Upper

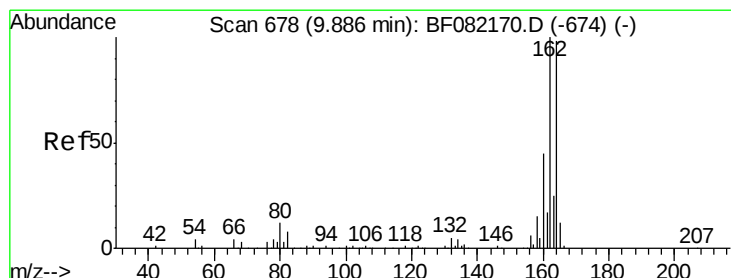
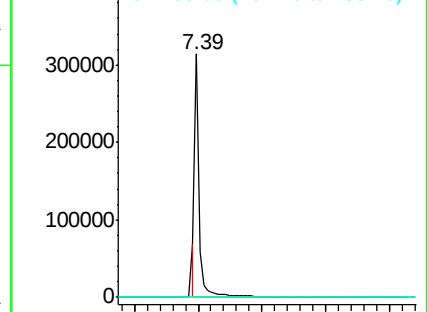
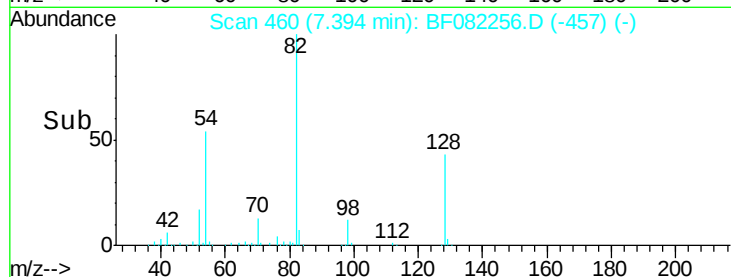
82 100

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: BF082256.D

Acq: 13 Oct 2015 16:10

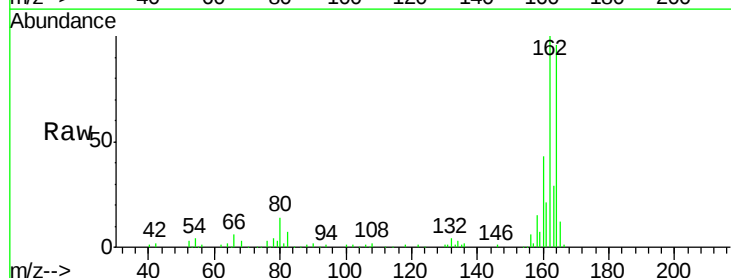
Tgt Ion: 164 Resp: 153443

Ion Ratio Lower Upper

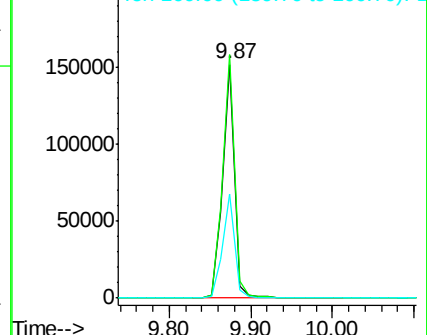
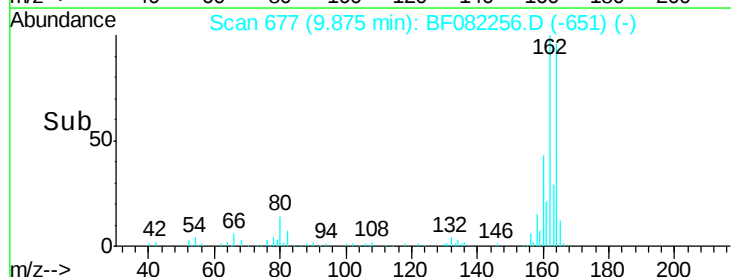
164 100

162 104.2 81.6 122.4

160 44.5 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

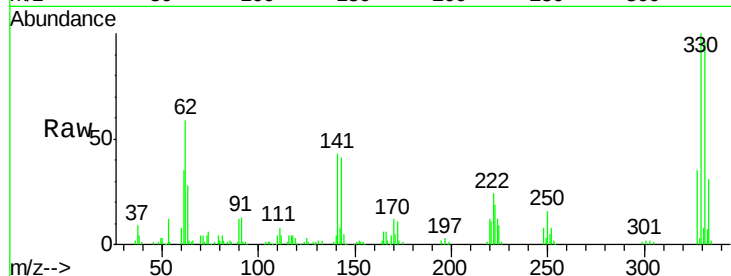




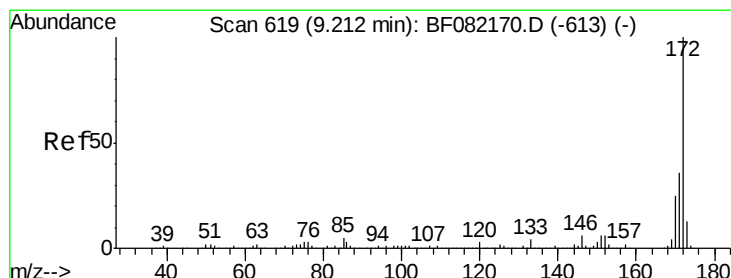
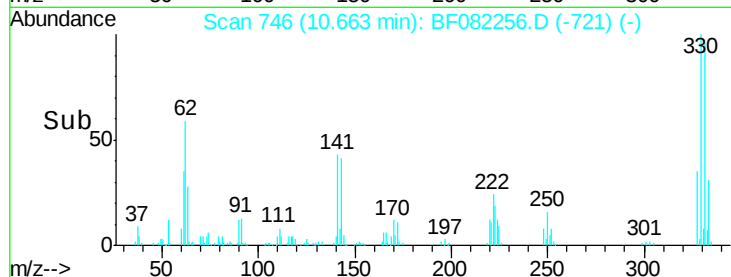
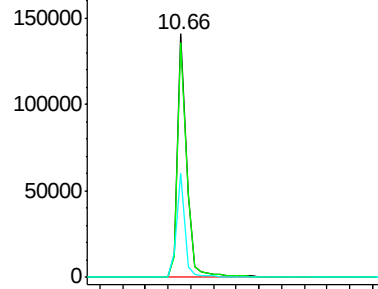
#41
 2,4,6-Tribromophenol
 Concen: 106.41 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082256.D
 Acq: 13 Oct 2015 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB86092BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	39.1	29.8	44.8

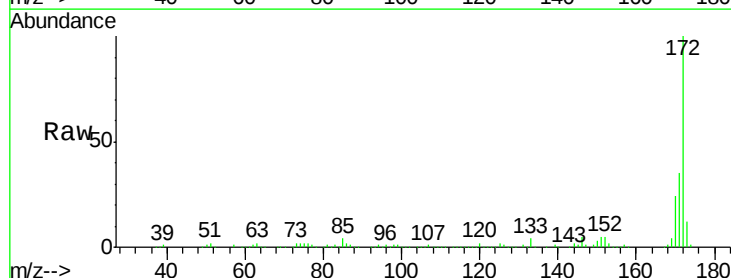


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

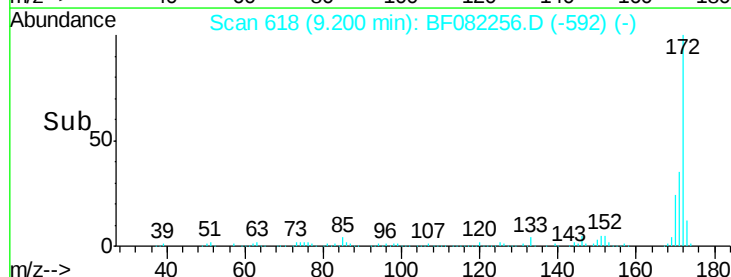
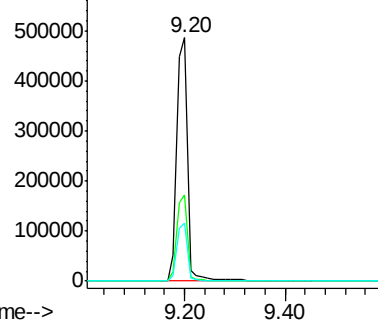


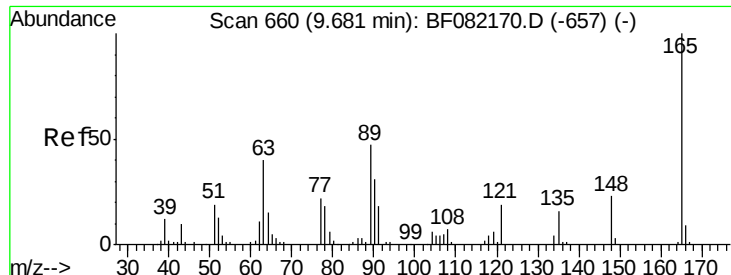
#44
 2-Fluorobiphenyl
 Concen: 78.93 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082256.D
 Acq: 13 Oct 2015 16:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.8	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

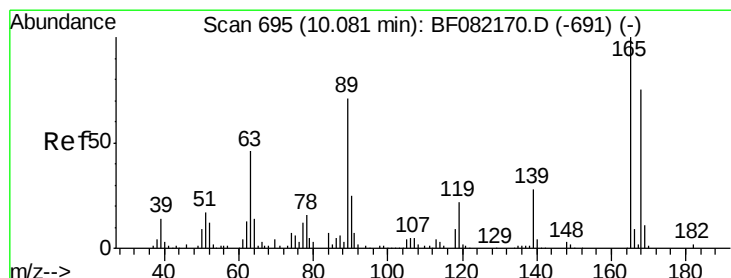
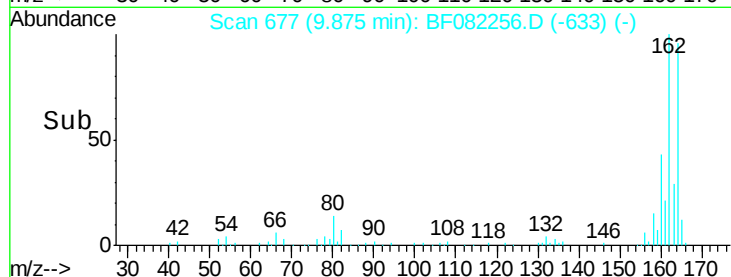
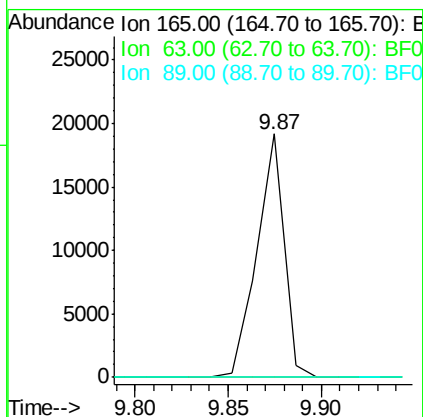
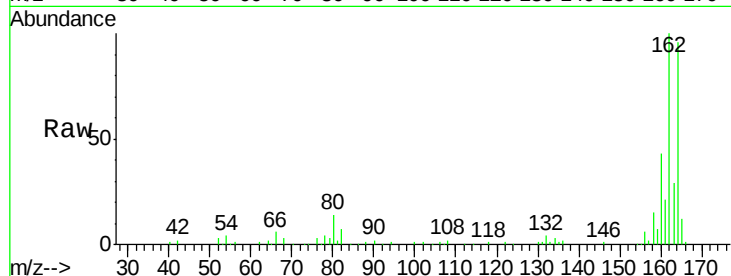




#50
 2,6-Dinitrotoluene
 Concen: 8.42 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.21 min
 Lab File: BF082256.D
 Acq: 13 Oct 2015 16:10

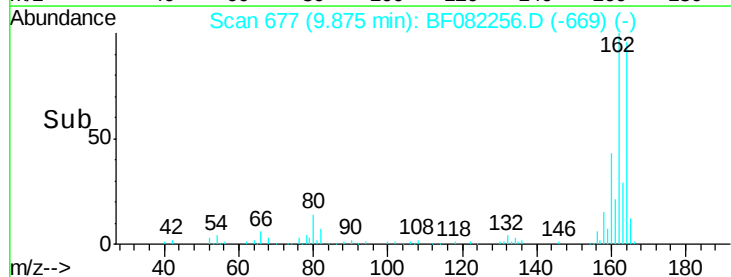
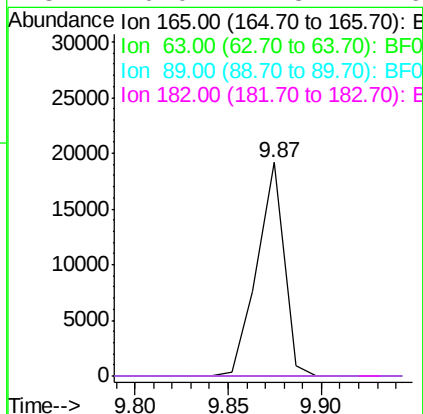
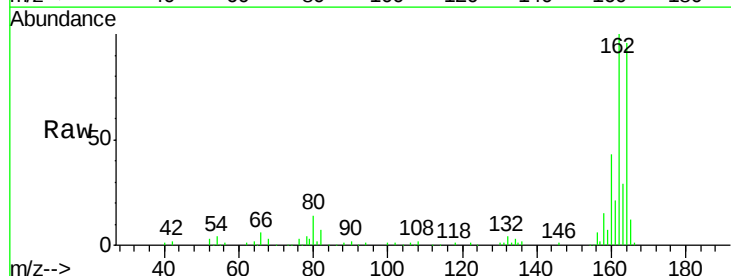
Instrument :
 BNA_F
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Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	37.8	56.6#



#56
 2,4-Dinitrotoluene
 Concen: 6.73 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.21 min
 Lab File: BF082256.D
 Acq: 13 Oct 2015 16:10

Tgt 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#

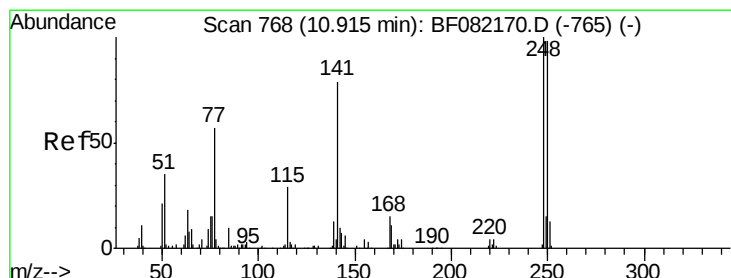
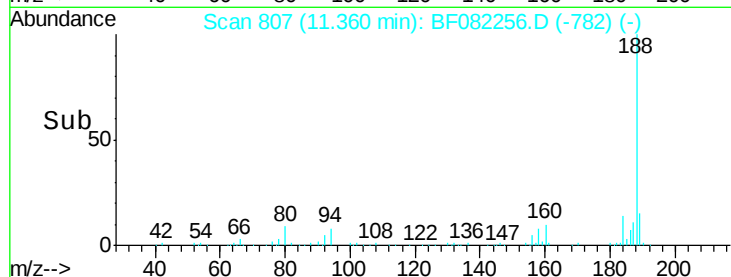
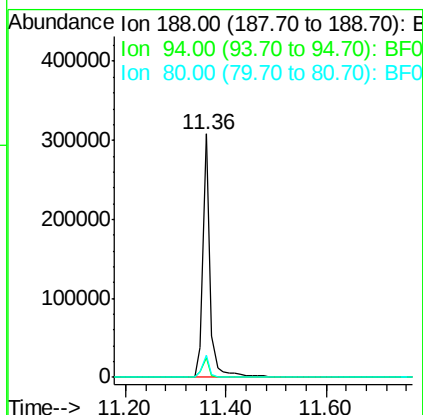
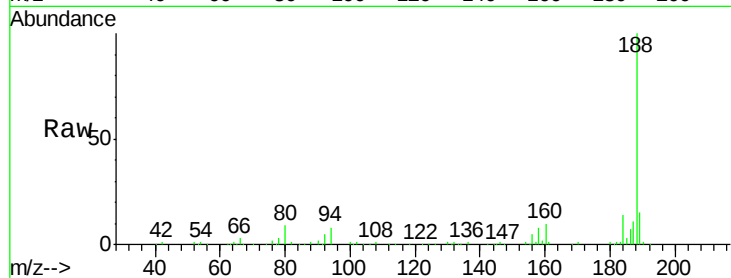




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF082256.D
 Acq: 13 Oct 2015 16:10

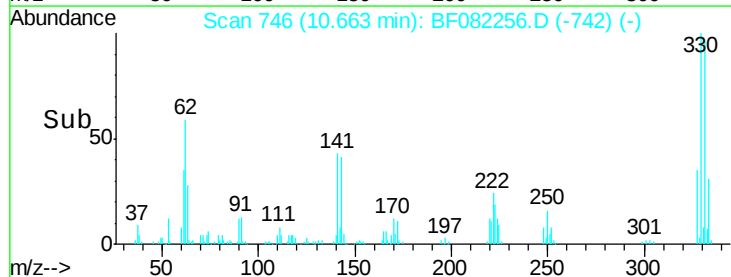
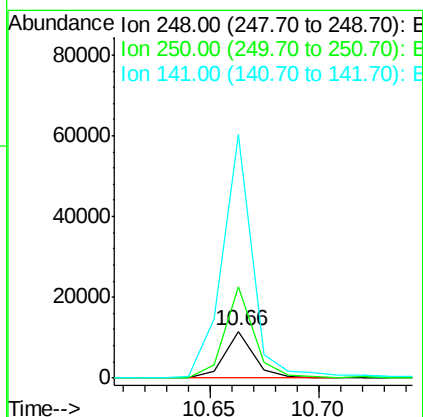
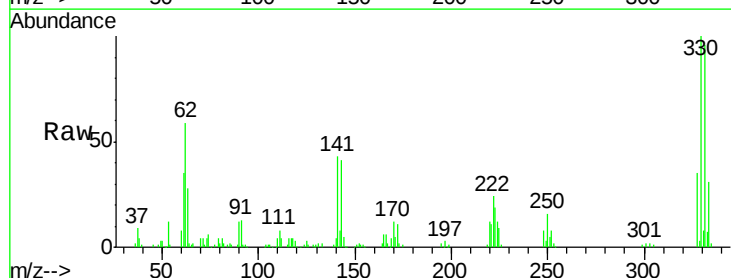
Instrument :
 BNA_F
 ClientSampleId :
 PB86092BL

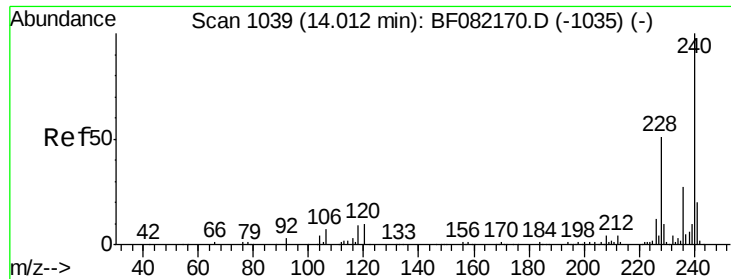
Tot Ion:188 Resp: 306245
 Ion Ratio Lower Upper
 188 100
 94 8.2 5.8 8.6
 80 8.9 6.4 9.6



#66
 4-Bromophenyl-phenylether
 Concen: 3.52 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.25 min
 Lab File: BF082256.D
 Acq: 13 Oct 2015 16:10

Tgt Ion:248 Resp: 10786
 Ion Ratio Lower Upper
 248 100
 250 193.6 78.6 117.8#
 141 518.3 63.3 94.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1045

Delta R.T. -0.06 min

Lab File: BF082256.D

Acq: 13 Oct 2015 16:10

Instrument :

BNA_F

ClientSampleId :

PB86092BL

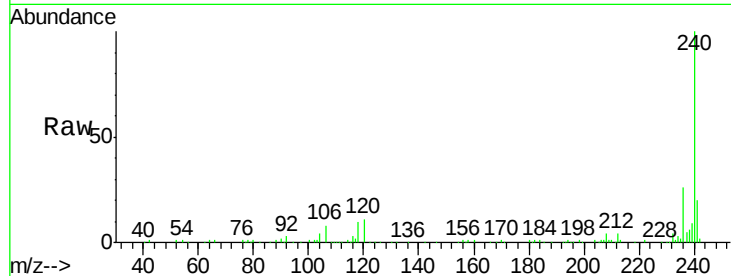
Tot Ion:240 Resp: 317383

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

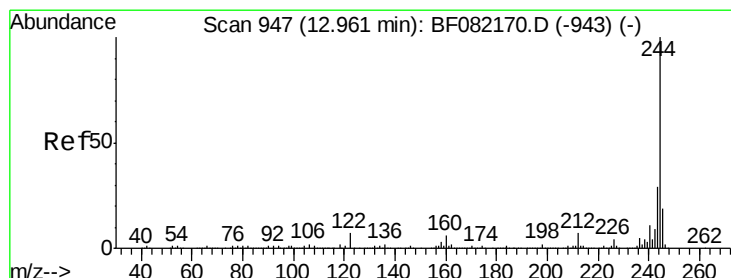
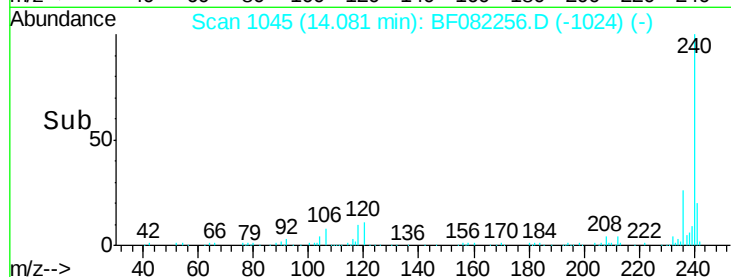
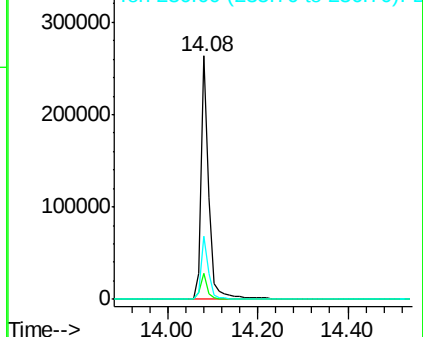
236 25.8 21.3 31.9



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: 69.28 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF082256.D

Acq: 13 Oct 2015 16:10

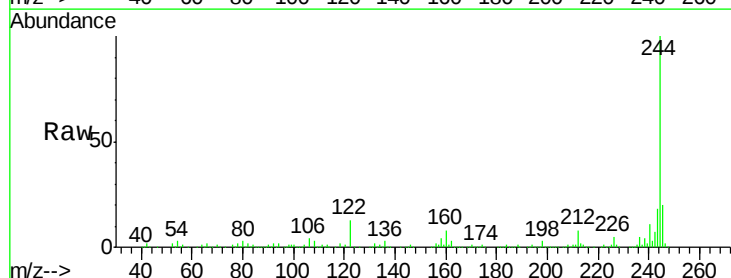
Tgt Ion:244 Resp: 829712

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

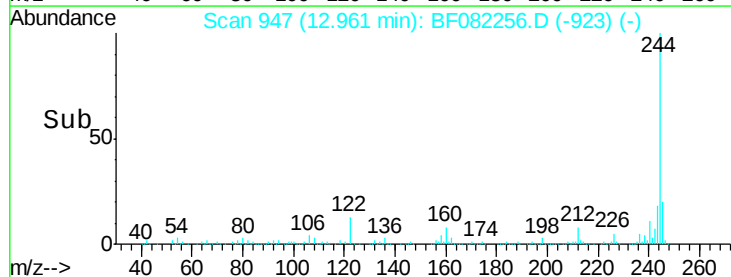
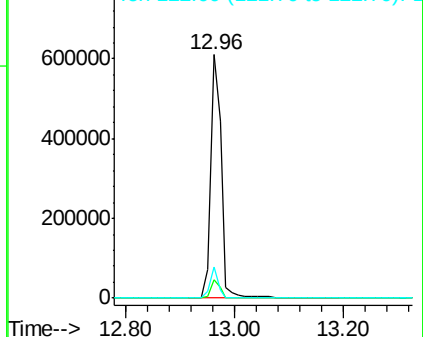
122 12.7 5.9 8.9#

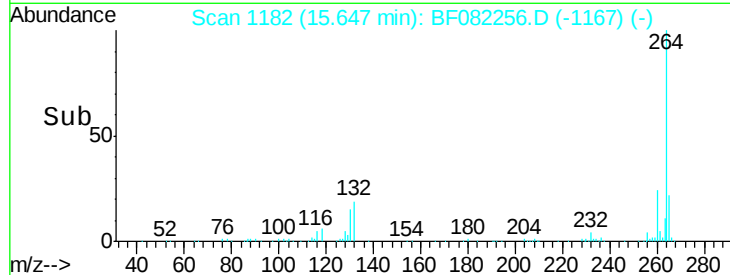
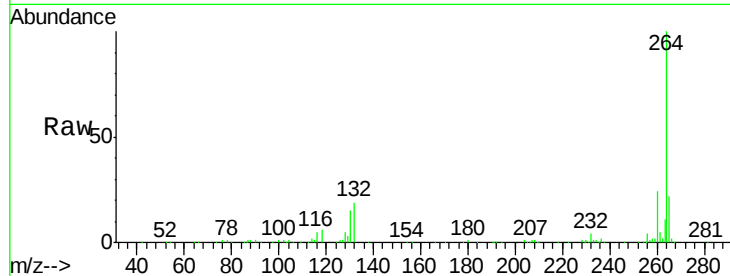
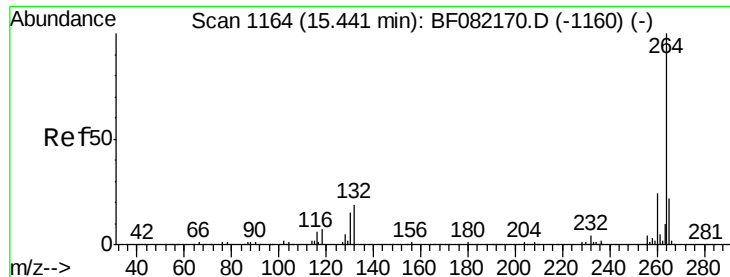


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.65 min Scan# 1182
 Delta R.T. -0.13 min
 Lab File: BF082256.D
 Acq: 13 Oct 2015 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB86092BL

Tot Ion:	264	Resp:	280145
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.0	28.6
265	22.1	17.3	25.9

