

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082257.D
 Acq On : 13 Oct 2015 16:39
 Operator : UM/IZ
 Sample : PB85978TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85978TB

Quant Time: Oct 14 01:17:42 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

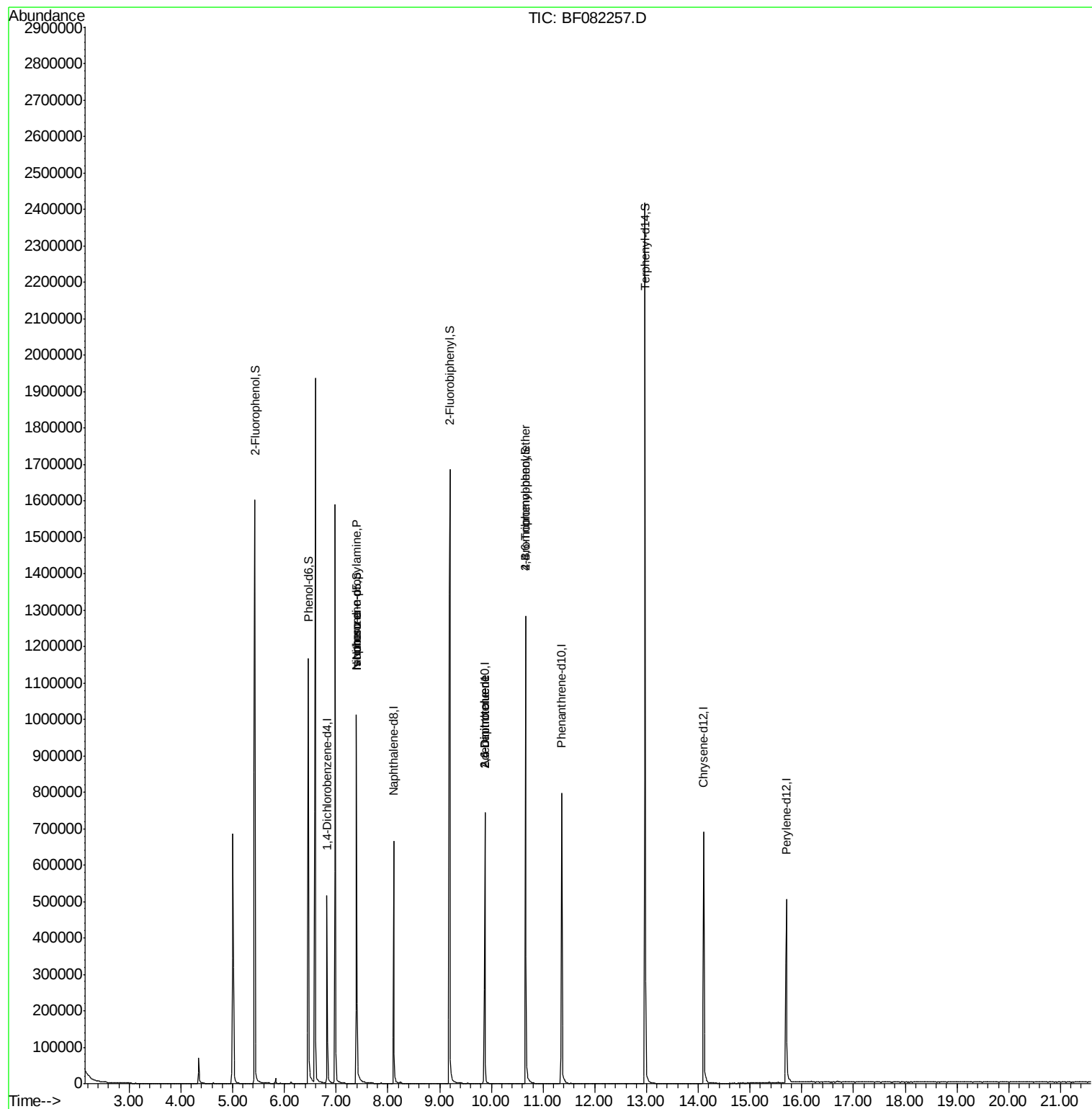
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	85899	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	339328	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	168867	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	331560	20.00	ng	-0.01
75) Chrysene-d12	14.10	240	316826	20.00	ng	-0.03
86) Perylene-d12	15.70	264	287424	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	531150	124.80	ng	0.01
7) Phenol-d6	6.47	99	672082	121.34	ng	0.00
23) Nitrobenzene-d5	7.39	82	390380	77.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	176131	111.22	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	845495	83.03	ng	0.00
78) Terphenyl-d14	12.97	244	874496	73.14	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	49425	12.71	ng	# 82
25) Isophorone	7.39	82	333509	32.70	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	20693	8.25	ng	# 32
56) 2,4-Dinitrotoluene	9.87	165	20695	6.60	ng	# 23
66) 4-Bromophenyl-phenylether	10.66	248	10921	3.29	ng	# 1

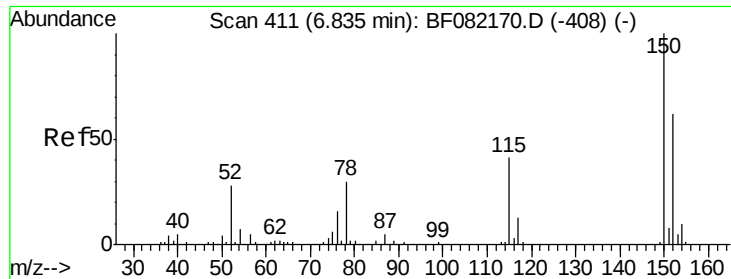
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 14 01:15:23 2015
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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: BF082257.D

Acq: 13 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB85978TB

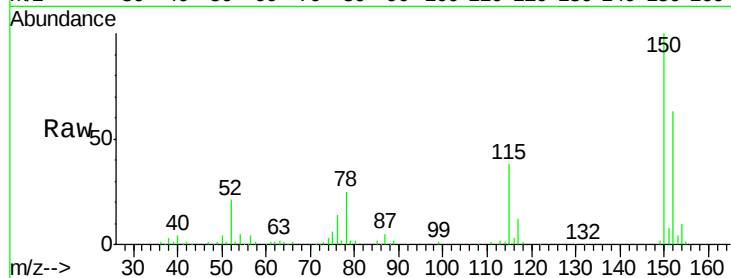
Tot Ion:152 Resp: 85899

Ion Ratio Lower Upper

152 100

150 159.3 129.0 193.4

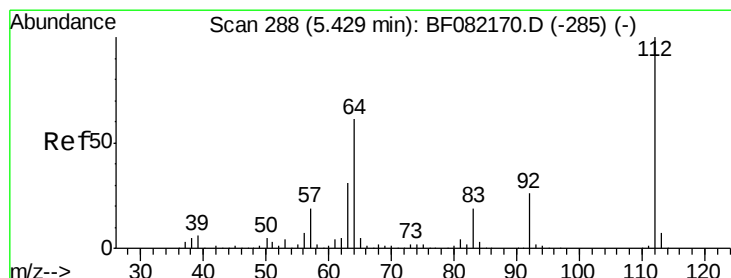
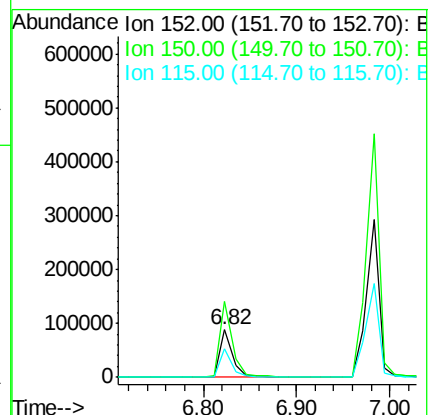
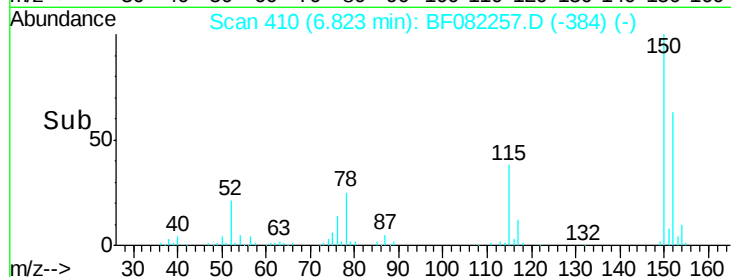
115 61.3 52.1 78.1



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: 124.80 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF082257.D

Acq: 13 Oct 2015 16:39

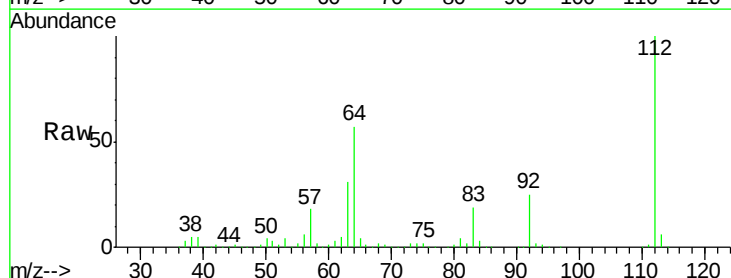
Tgt Ion:112 Resp: 531150

Ion Ratio Lower Upper

112 100

64 57.2 48.6 73.0

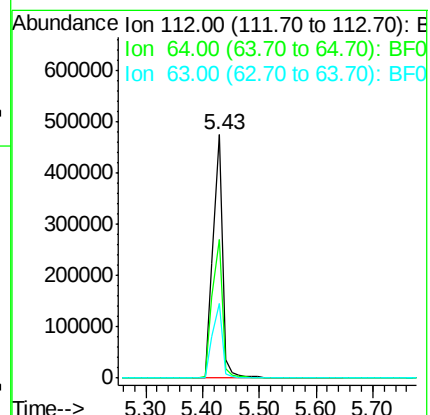
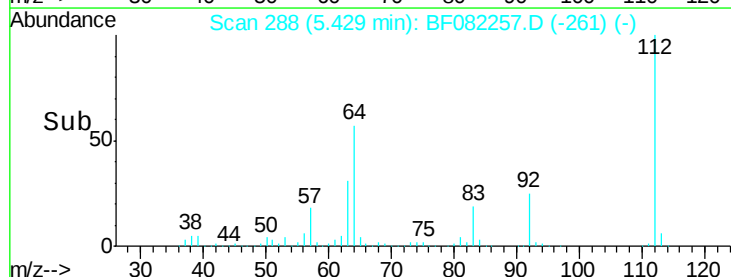
63 30.6 25.1 37.7

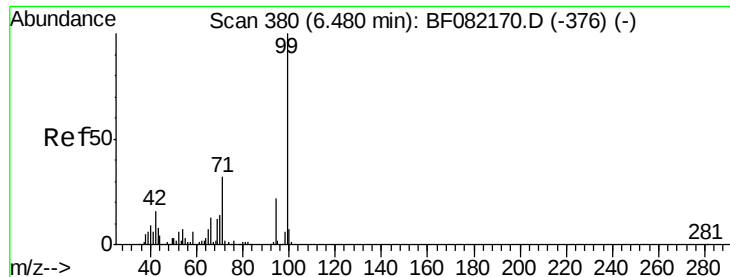


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.34 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082257.D

Acq: 13 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB85978TB

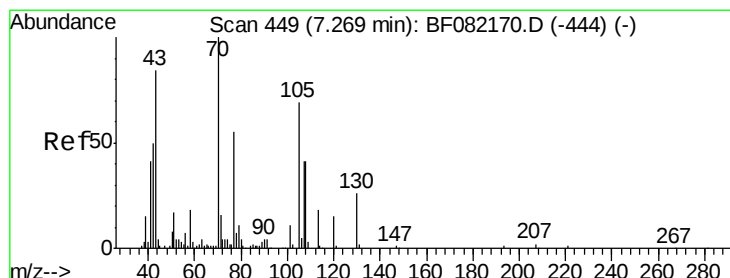
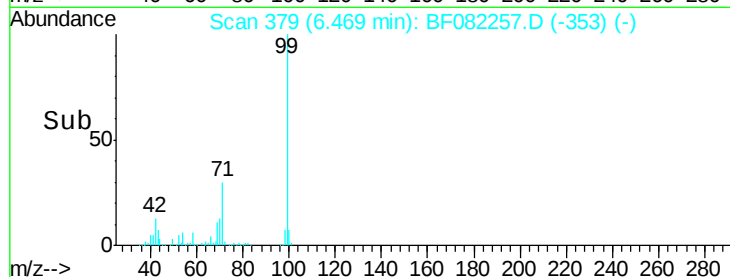
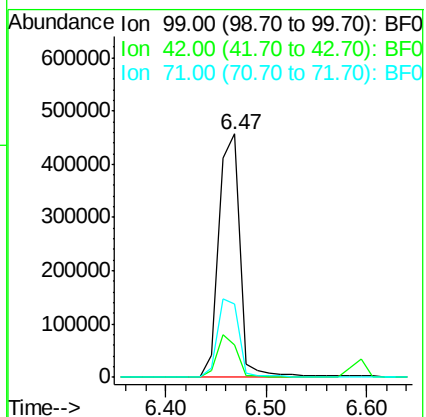
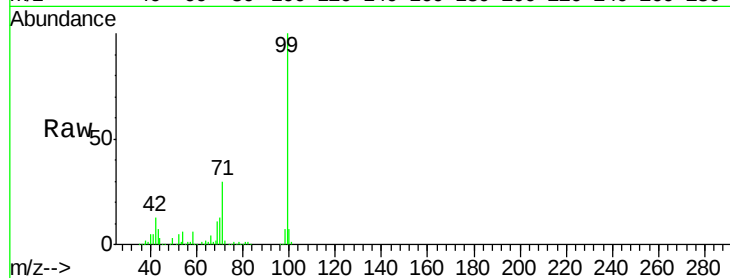
Tot Ion: 99 Resp: 672082

Ion Ratio Lower Upper

99 100

42 13.4 13.2 19.8

71 30.2 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.71 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF082257.D

Acq: 13 Oct 2015 16:39

Tgt Ion: 70 Resp: 49425

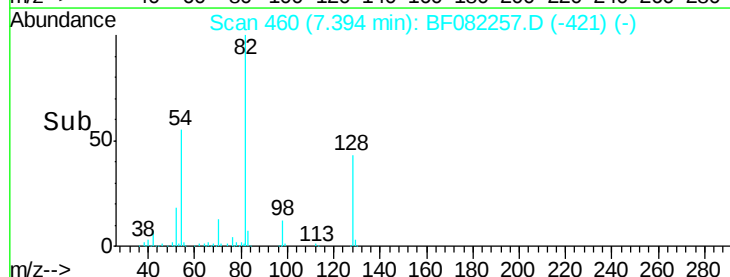
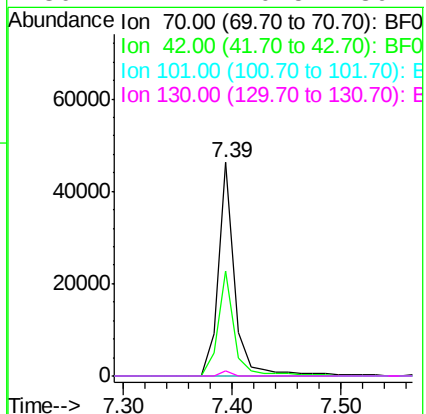
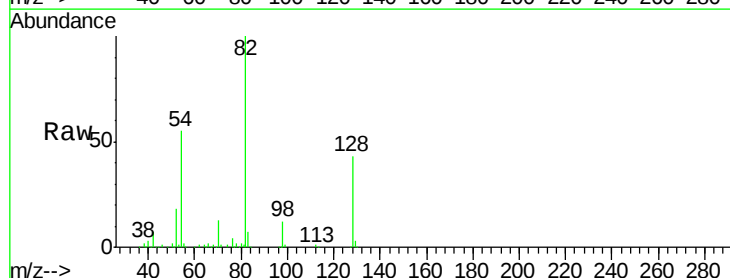
Ion Ratio Lower Upper

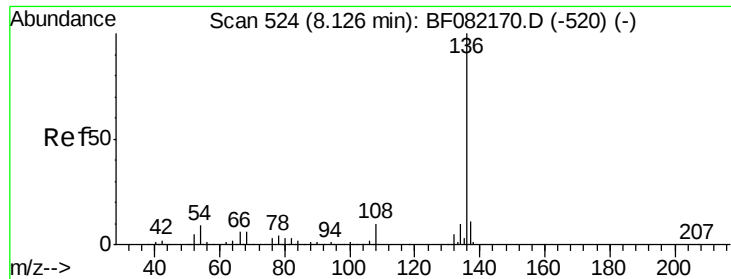
70 100

42 49.1 39.8 59.8

101 0.0 8.6 13.0#

130 2.1 20.5 30.7#

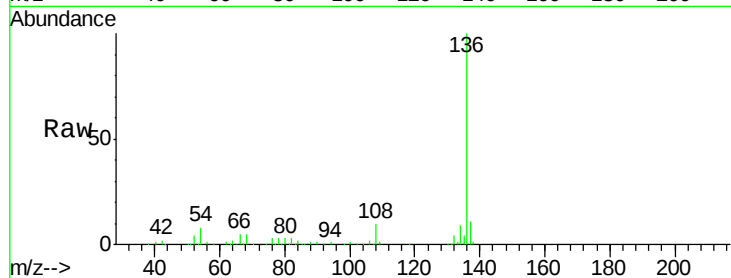




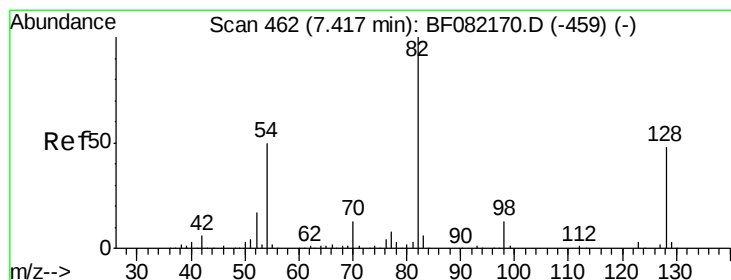
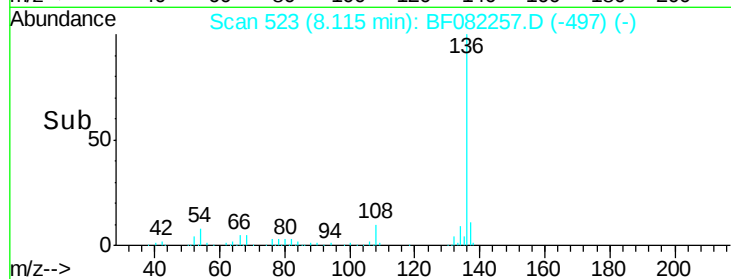
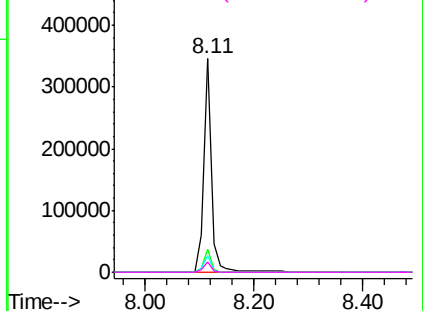
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082257.D
Acq: 13 Oct 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB85978TB

Tot Ion:136	Resp:	339328
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	7.6	7.5 11.3
68	4.8	4.6 7.0

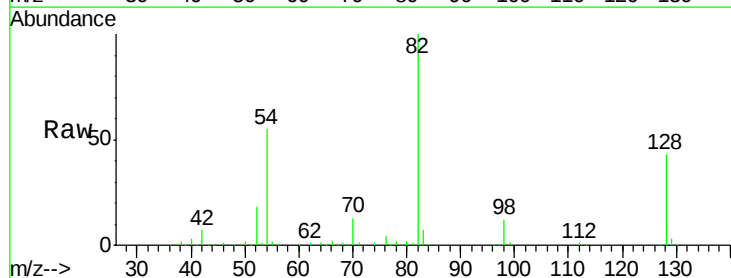


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

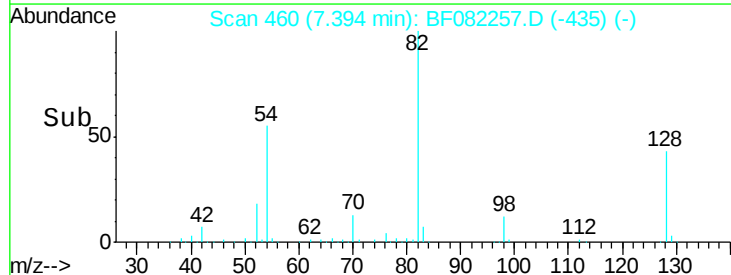
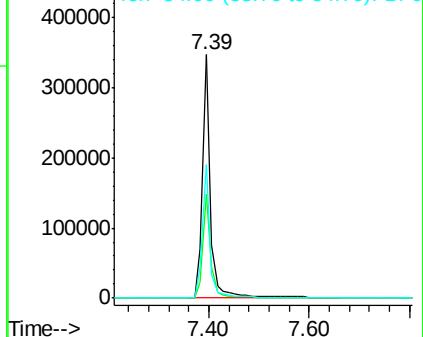


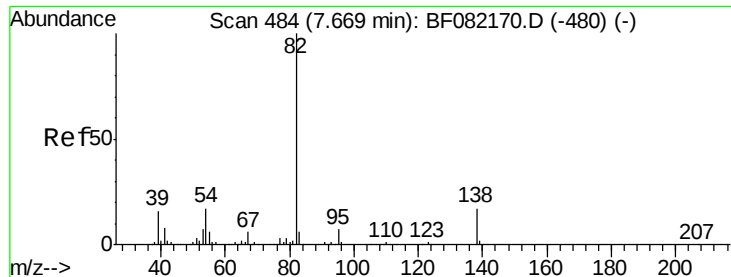
#23
Nitrobenzene-d5
Concen: 77.26 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082257.D
Acq: 13 Oct 2015 16:39

Tgt Ion: 82	Resp:	390380
Ion Ratio	Lower	Upper
82	100	
128	42.7	38.7 58.1
54	54.9	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: 32.70 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF082257.D

Acq: 13 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB85978TB

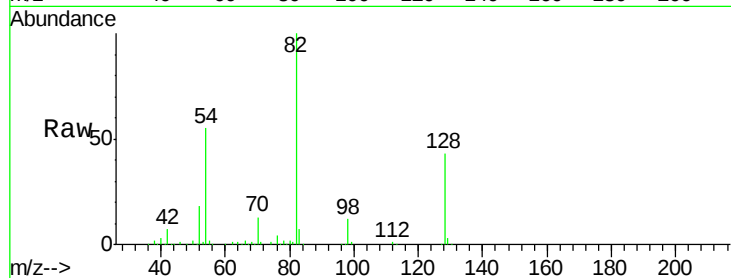
Tot Ion: 82 Resp: 333509

Ion Ratio Lower Upper

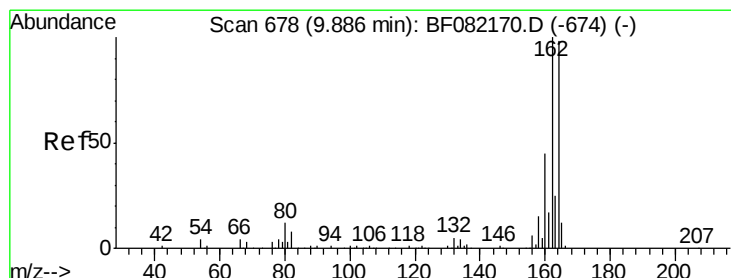
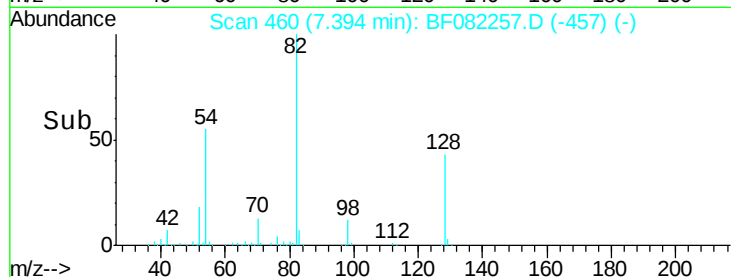
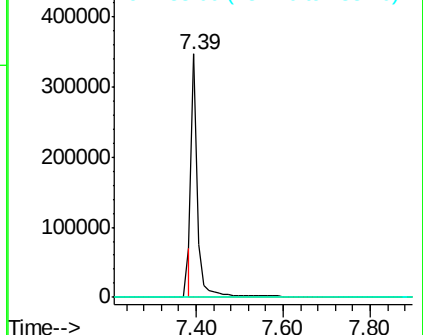
82 100

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: BF082257.D

Acq: 13 Oct 2015 16:39

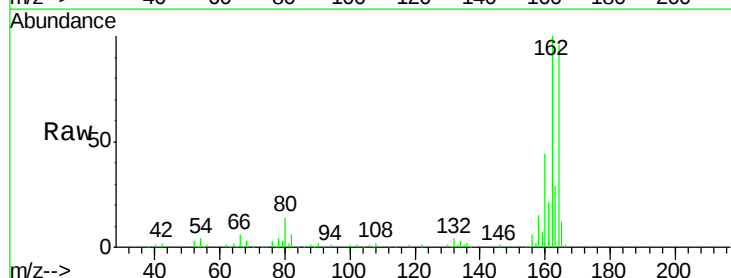
Tgt Ion: 164 Resp: 168867

Ion Ratio Lower Upper

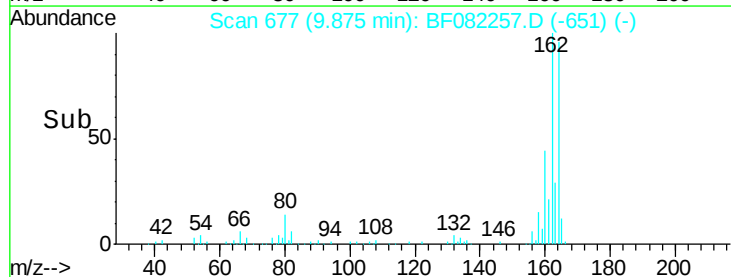
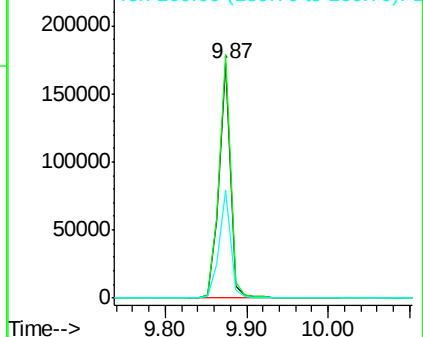
164 100

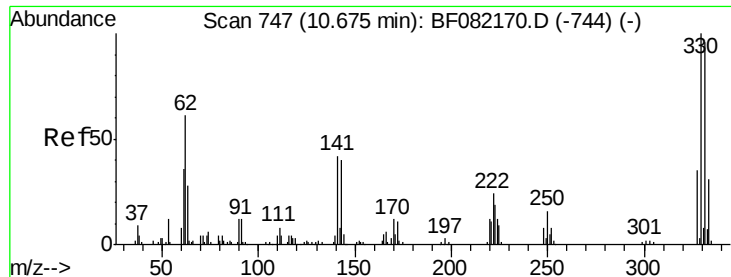
162 104.0 81.6 122.4

160 45.9 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

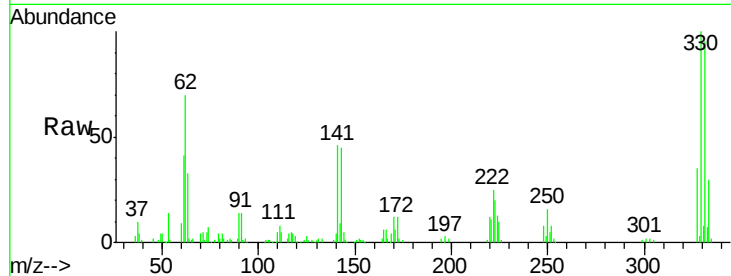




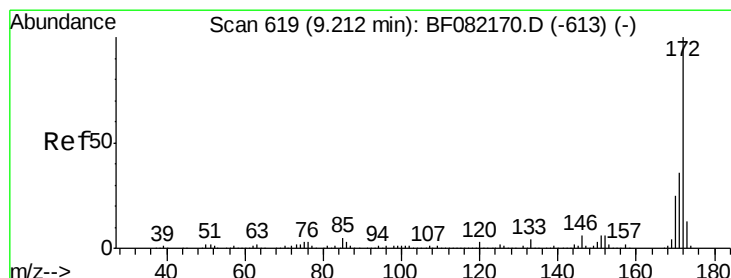
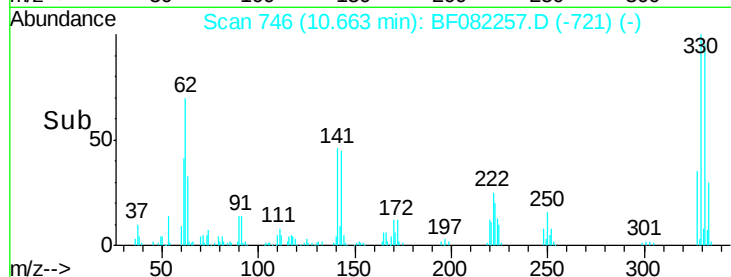
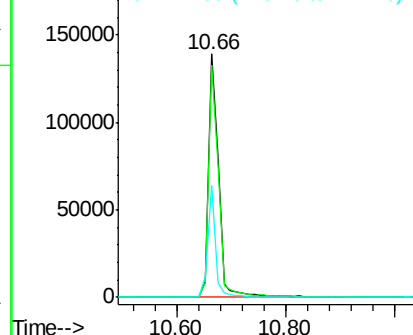
#41
 2,4,6-Tribromophenol
 Concen: 111.22 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082257.D
 Acq: 13 Oct 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB85978TB

Tot Ion:330 Resp: 176131
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.1 115.7
 141 35.8 29.8 44.8

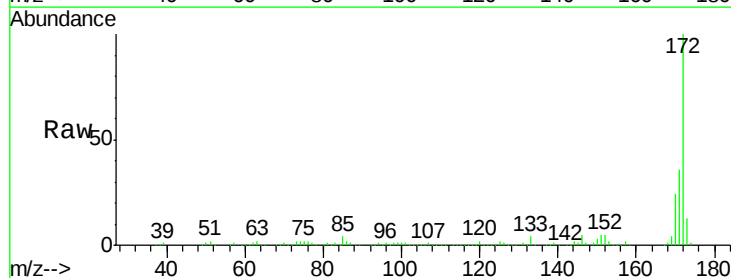


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

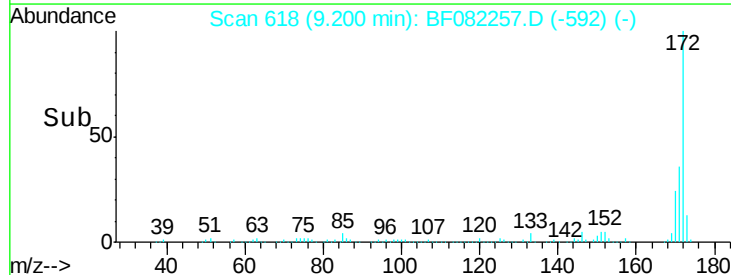
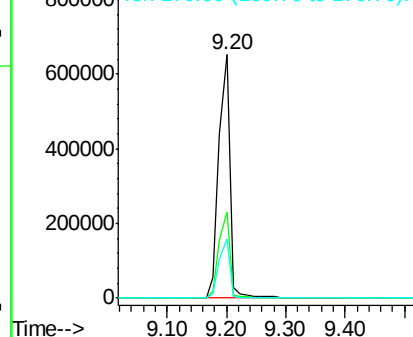


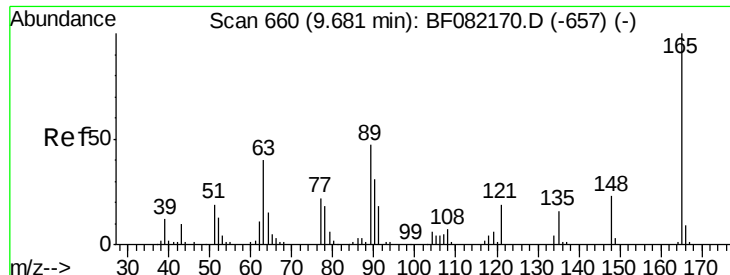
#44
 2-Fluorobiphenyl
 Concen: 83.03 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082257.D
 Acq: 13 Oct 2015 16:39

Tgt Ion:172 Resp: 845495
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 24.3 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

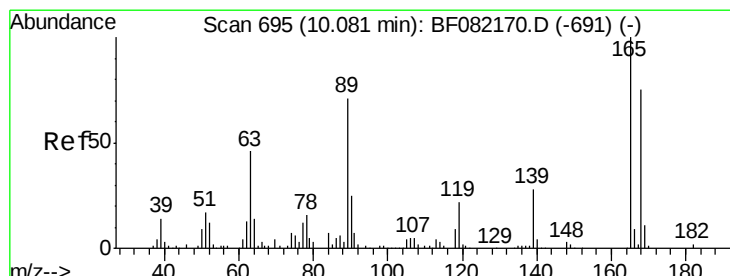
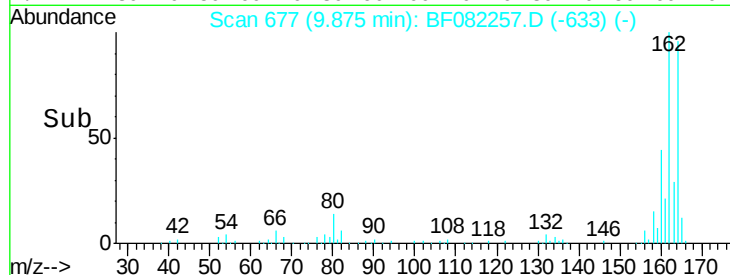
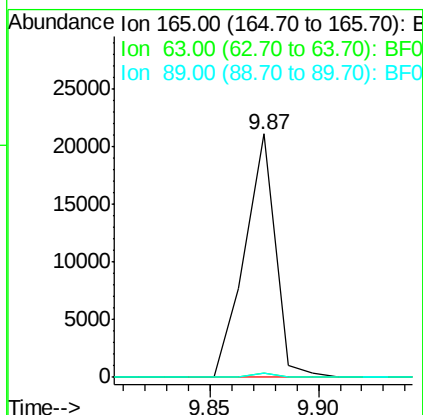
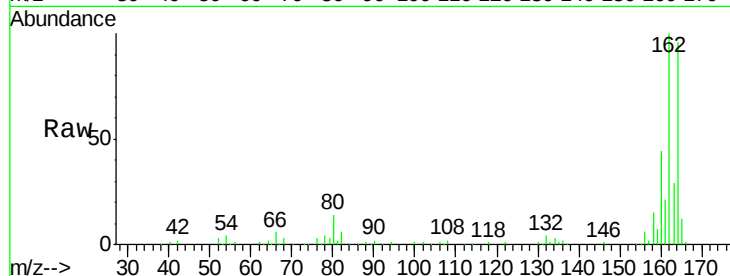




#50
 2,6-Dinitrotoluene
 Concen: 8.25 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.21 min
 Lab File: BF082257.D
 Acq: 13 Oct 2015 16:39

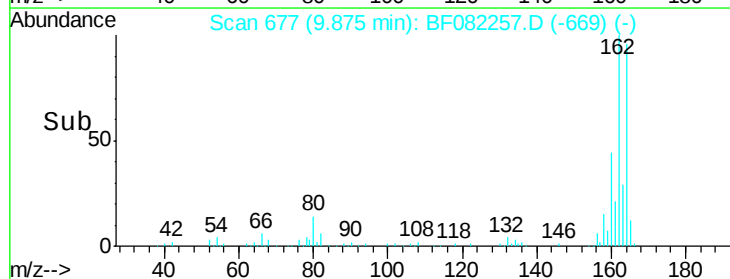
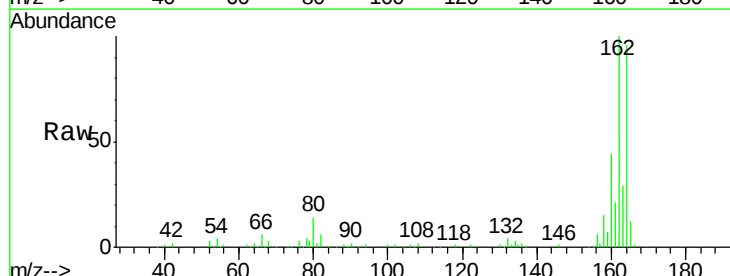
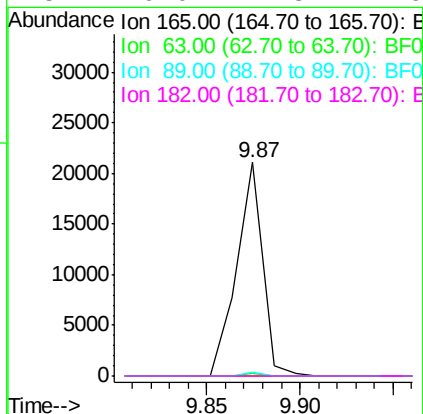
Instrument :
 BNA_F
 ClientSampled :
 PB85978TB

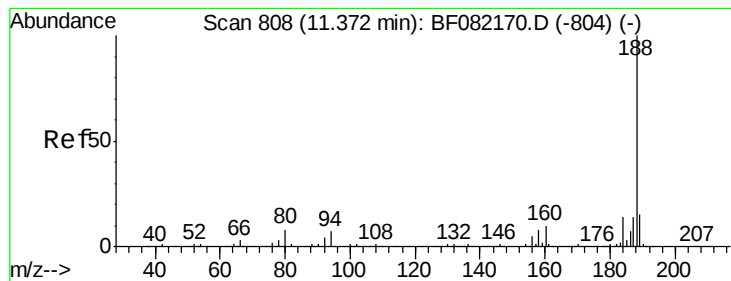
Tot Ion:165 Resp: 20693
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.7 55.1#
 89 1.6 37.8 56.6#



#56
 2,4-Dinitrotoluene
 Concen: 6.60 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.21 min
 Lab File: BF082257.D
 Acq: 13 Oct 2015 16:39

Tgt Ion:165 Resp: 20695
 Ion Ratio Lower Upper
 165 100
 63 1.5 38.6 58.0#
 89 1.6 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: BF082257.D

Acq: 13 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB85978TB

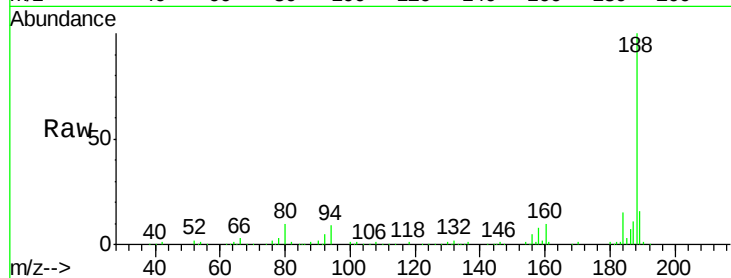
Tot Ion:188 Resp: 331560

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.6#

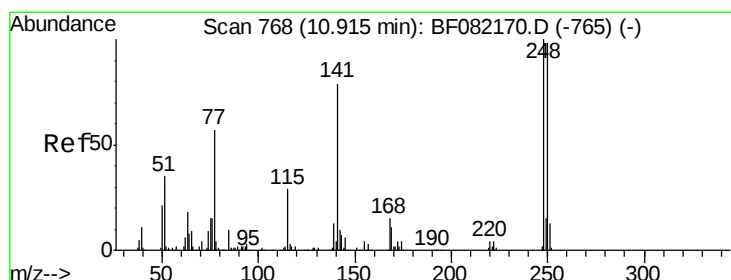
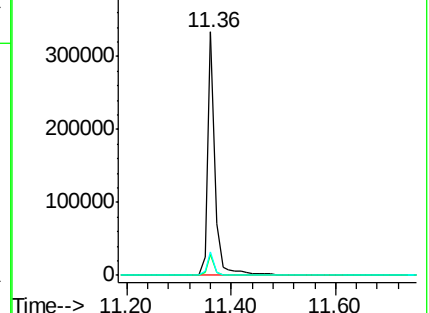
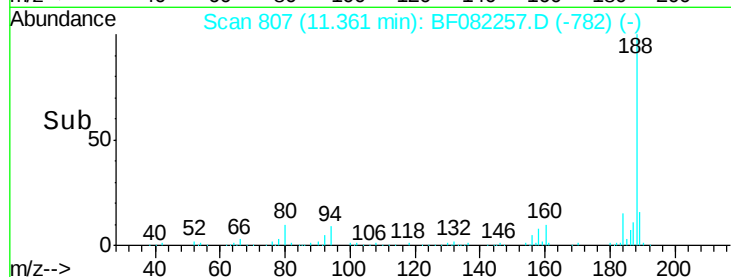
80 9.7 6.4 9.6#



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: 3.29 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF082257.D

Acq: 13 Oct 2015 16:39

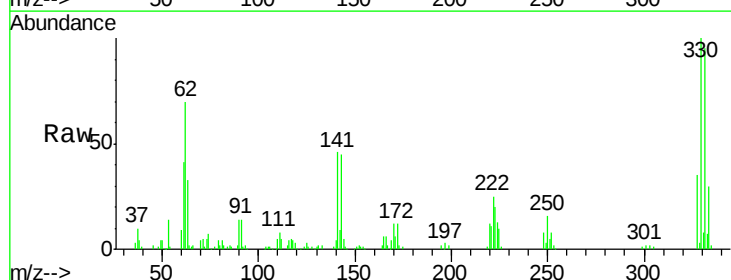
Tgt Ion:248 Resp: 10921

Ion Ratio Lower Upper

248 100

250 203.8 78.6 117.8#

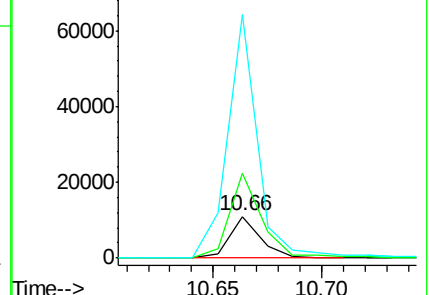
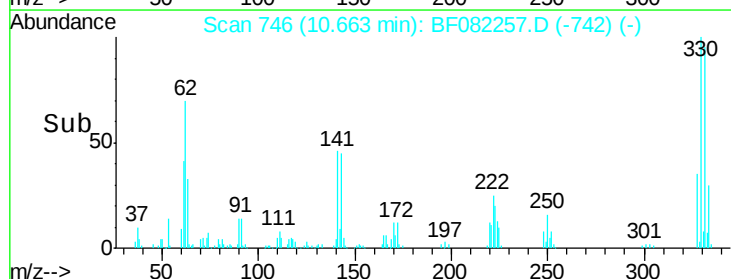
141 584.4 63.3 94.9#

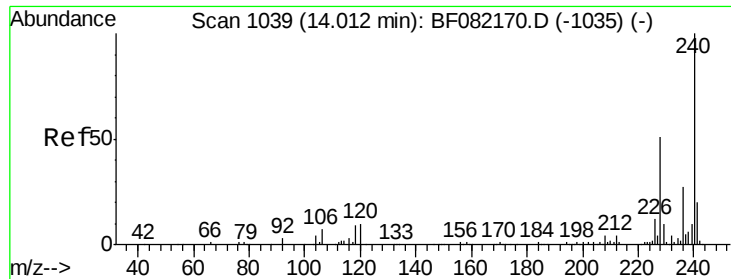


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

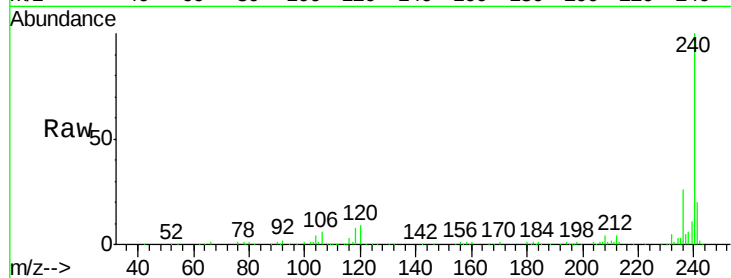




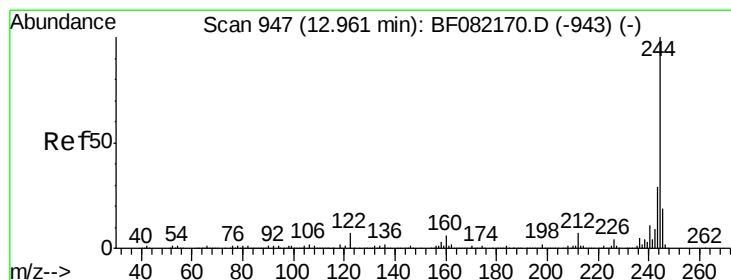
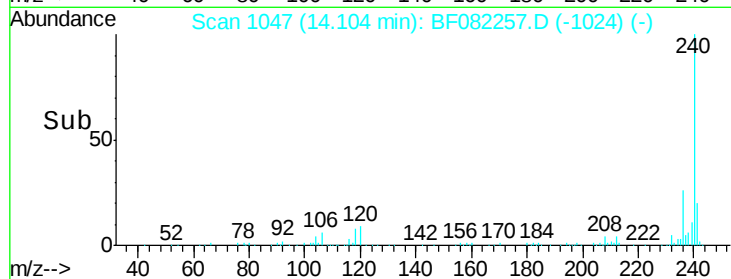
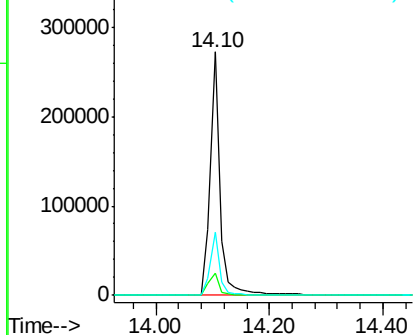
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.10 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF082257.D
 Acq: 13 Oct 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB85978TB

Tot Ion:240 Resp: 316826
 Ion Ratio Lower Upper
 240 100
 120 9.1 8.1 12.1
 236 26.0 21.3 31.9

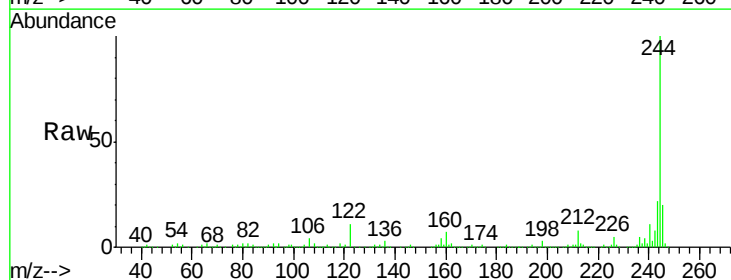


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

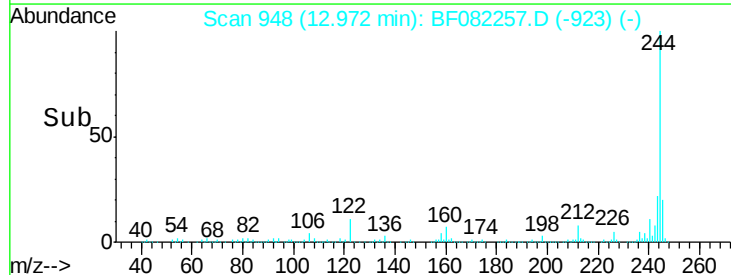
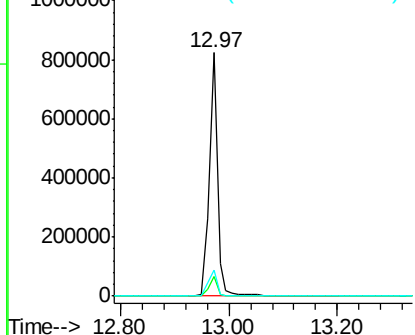


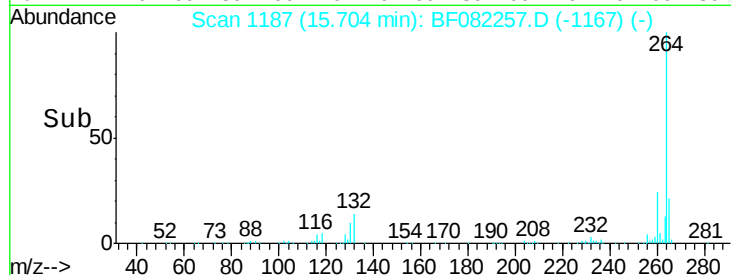
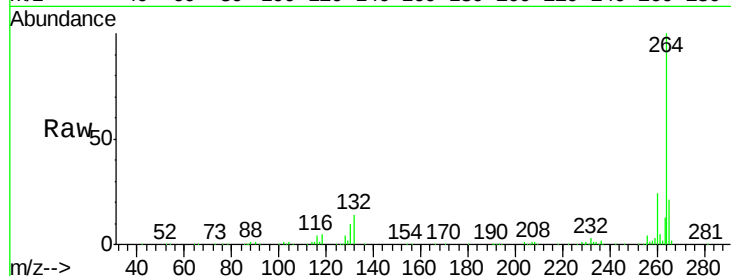
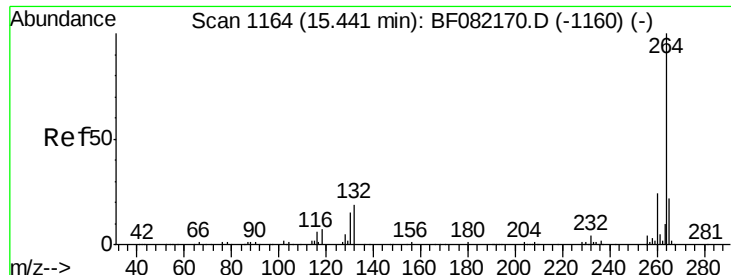
#78
 Terphenyl-d14
 Concen: 73.14 ng
 RT: 12.97 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF082257.D
 Acq: 13 Oct 2015 16:39

Tgt Ion:244 Resp: 874496
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.6
 122 10.5 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: 15.70 min Scan# 1187
Delta R.T. -0.07 min
Lab File: BF082257.D
Acq: 13 Oct 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB85978TB

Tot Ion:264	Resp:	287424
Ion Ratio	Lower	Upper
264	100	
260	24.1	19.0 28.6
265	21.1	17.3 25.9

