

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082401.D
 Acq On : 21 Oct 2015 13:36
 Operator : UM/IZ
 Sample : PB86203BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BL

Quant Time: Oct 22 09:07:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

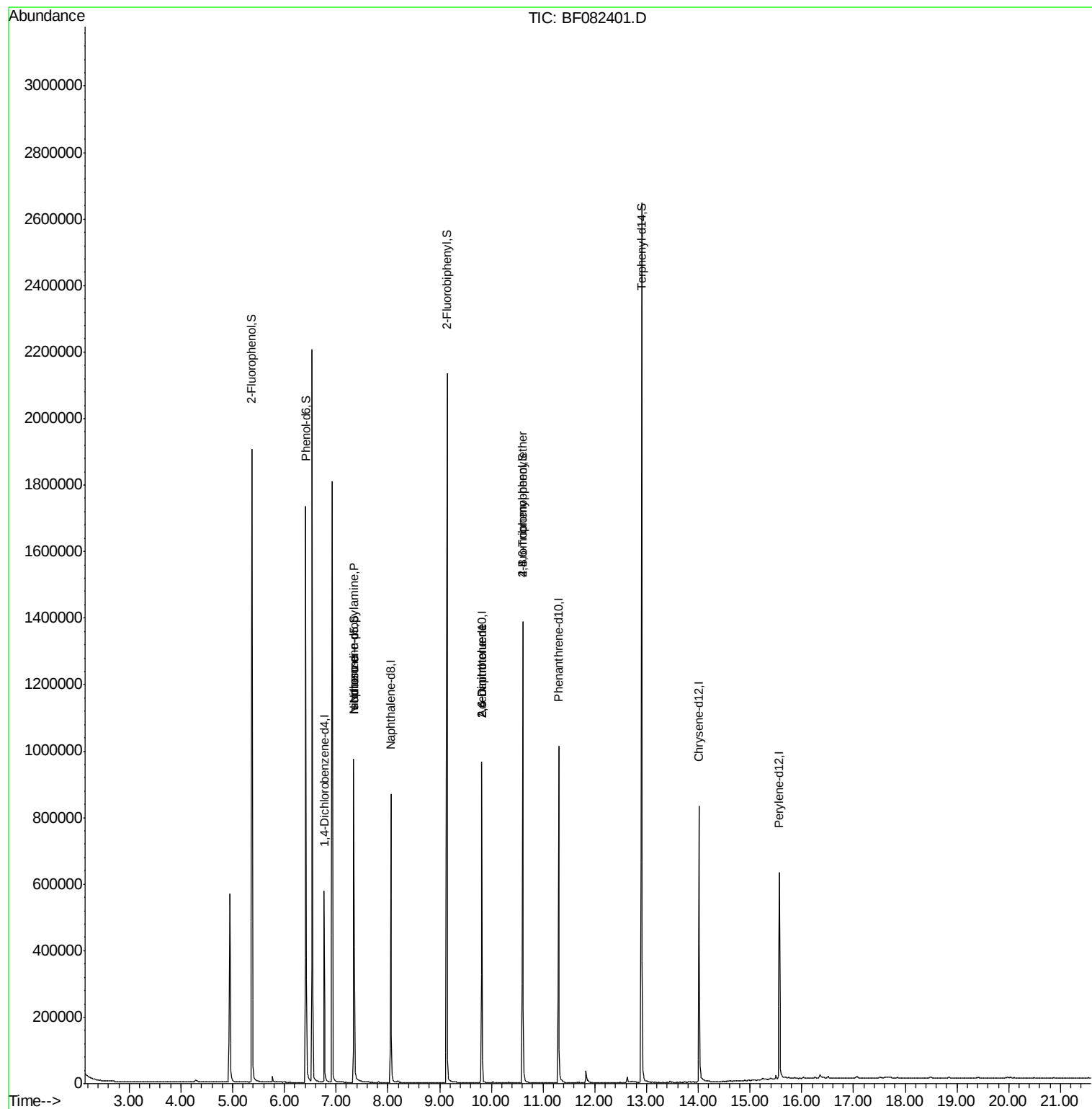
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105355	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	414619	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	213974	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	423732	20.00	ng	0.00
75) Chrysene-d12	14.01	240	377489	20.00	ng	0.00
86) Perylene-d12	15.57	264	298795	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	540952	103.63	ng	0.01
7) Phenol-d6	6.41	99	645394	95.01	ng	-0.01
23) Nitrobenzene-d5	7.34	82	396117	64.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	148673	74.09	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	909085	70.46	ng	0.00
78) Terphenyl-d14	12.90	244	874304	61.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	49926	10.47	ng	# 81
25) Isophorone	7.34	82	361936	29.05	ng	# 66
50) 2,6-Dinitrotoluene	9.82	165	25873	8.14	ng	# 32
56) 2,4-Dinitrotoluene	9.82	165	25873	6.51	ng	# 23
66) 4-Bromophenyl-phenylether	10.61	248	11516	2.72	ng	# 1

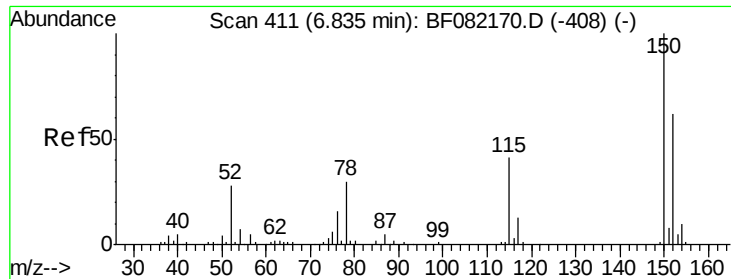
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
Data File : BF082401.D
Acq On : 21 Oct 2015 13:36
Operator : UM/IZ
Sample : PB86203BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86203BL

Quant Time: Oct 22 09:07:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:20:24 2015
Response via : Initial Calibration



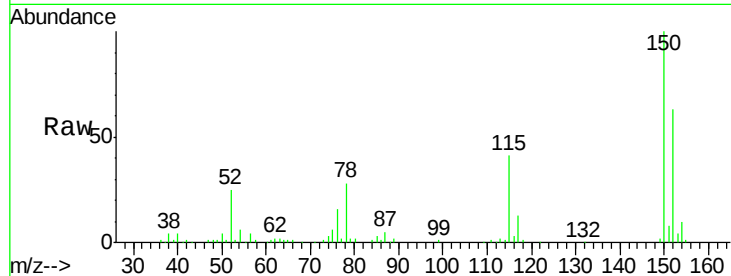


#1

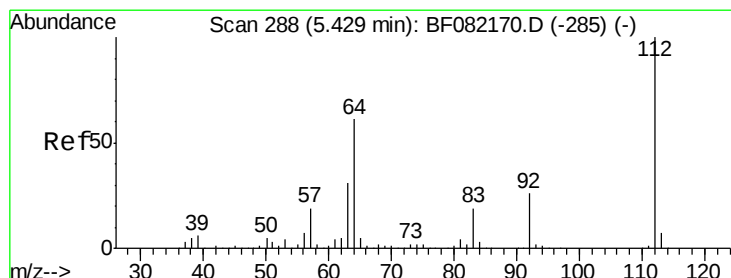
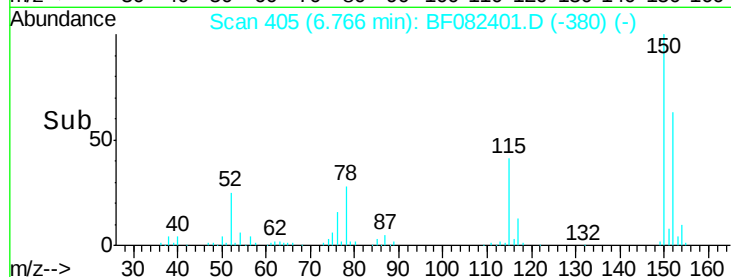
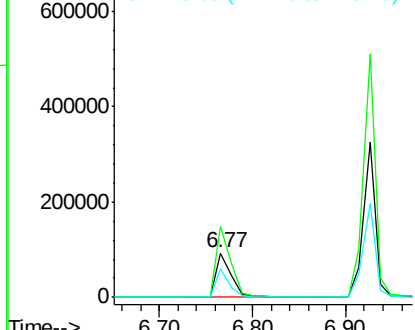
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082401.D
Acq: 21 Oct 2015 13:36

Instrument :
BNA_F
ClientSampleId :
PB86203BL

Tot Ion:152 Resp: 105355
Ion Ratio Lower Upper
152 100
150 159.9 129.0 193.4
115 65.4 52.1 78.1



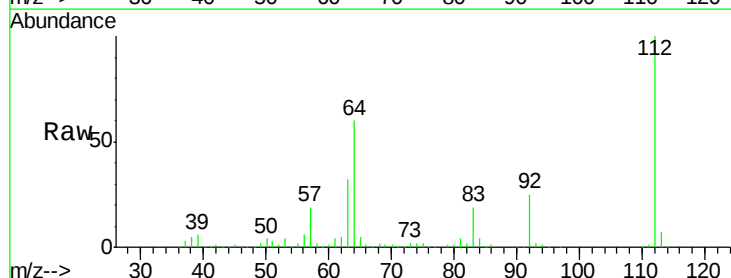
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



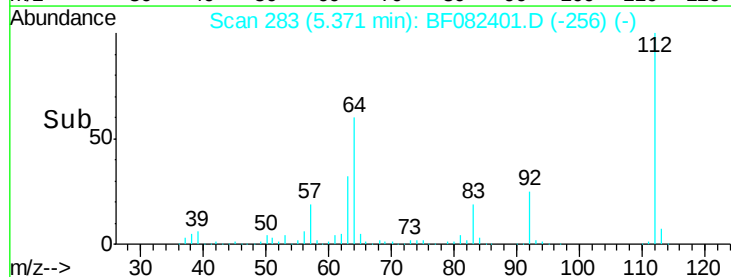
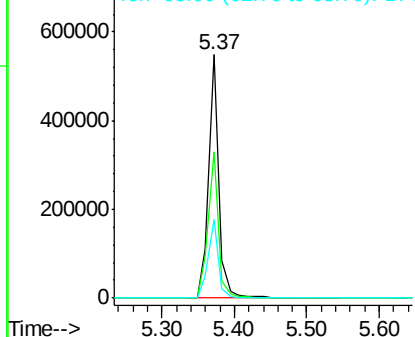
#5

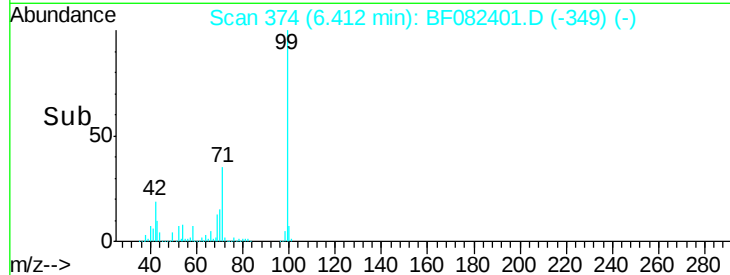
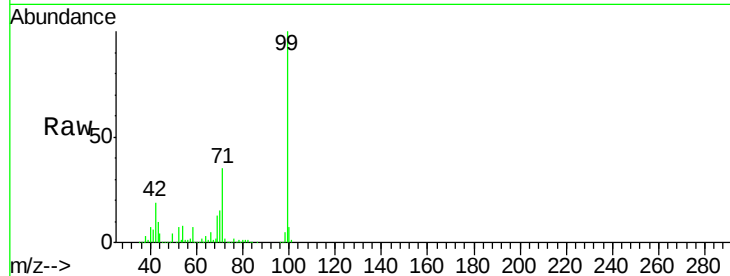
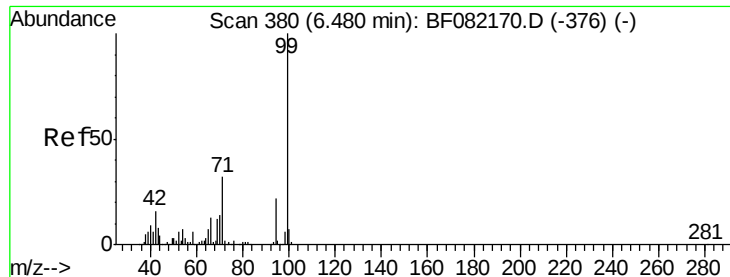
2-Fluorophenol
Concen: 103.63 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082401.D
Acq: 21 Oct 2015 13:36

Tgt Ion:112 Resp: 540952
Ion Ratio Lower Upper
112 100
64 60.0 48.6 73.0
63 32.0 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: 95.01 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082401.D

Acq: 21 Oct 2015 13:36

Instrument :

BNA_F

ClientSampleId :

PB86203BL

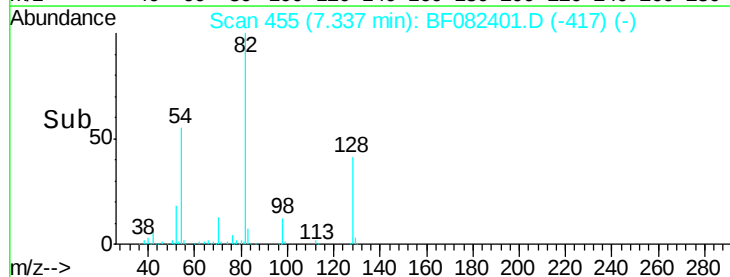
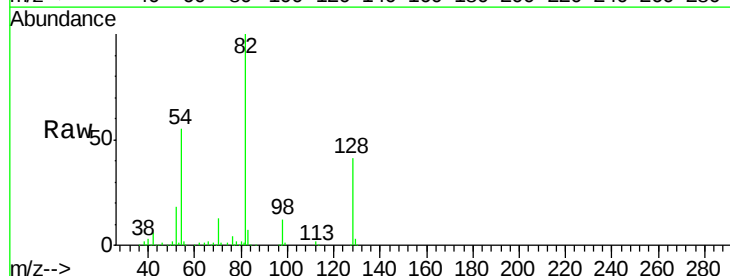
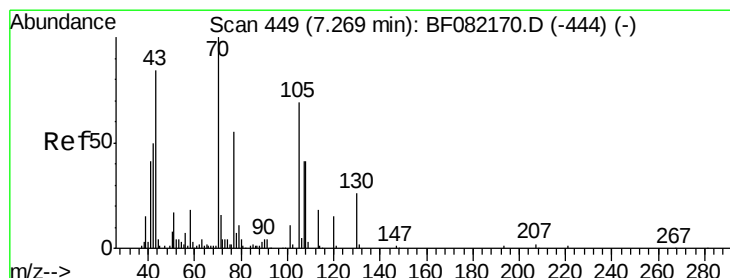
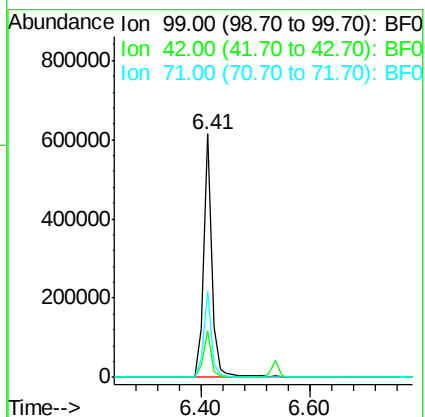
Tot Ion: 99 Resp: 645394

Ion Ratio Lower Upper

99 100

42 19.1 13.2 19.8

71 35.3 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.47 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF082401.D

Acq: 21 Oct 2015 13:36

Tgt Ion: 70 Resp: 49926

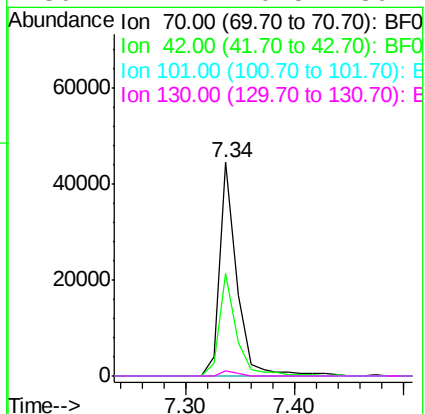
Ion Ratio Lower Upper

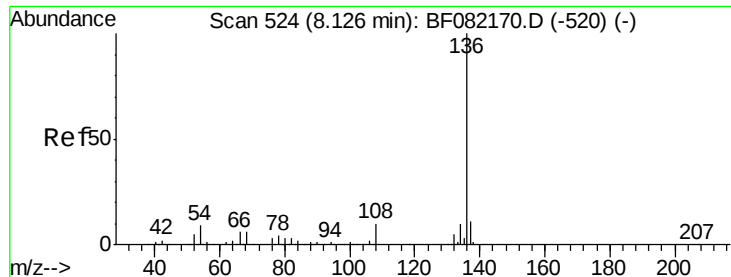
70 100

42 48.2 39.8 59.8

101 0.0 8.6 13.0#

130 2.2 20.5 30.7#

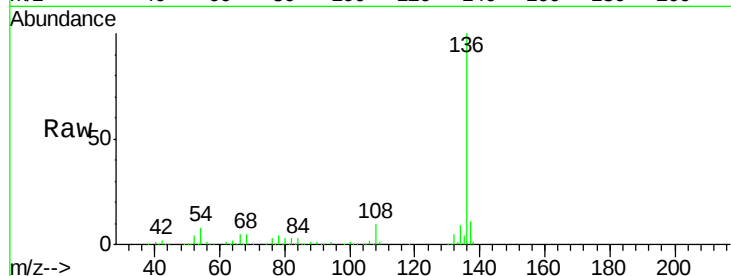




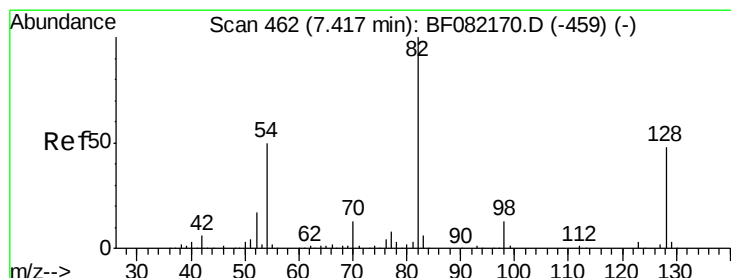
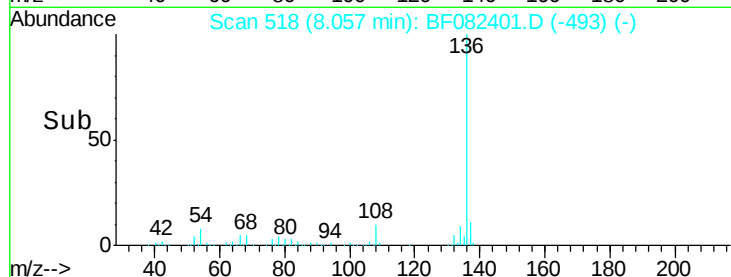
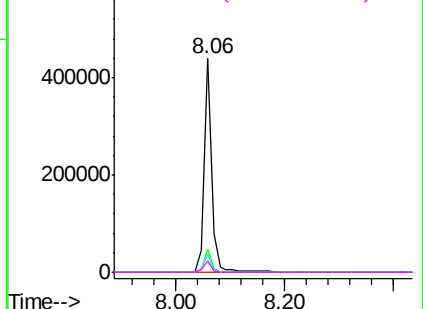
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082401.D
Acq: 21 Oct 2015 13:36

Instrument :
BNA_F
ClientSampleId :
PB86203BL

Tot Ion:136	Resp:	414619
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	8.4	7.5 11.3
68	5.4	4.6 7.0

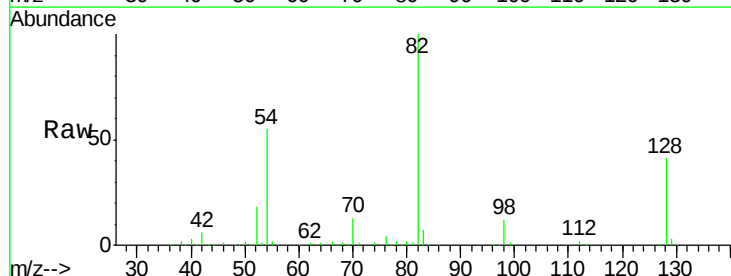


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

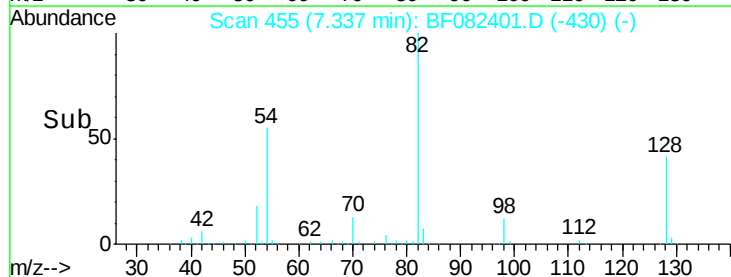
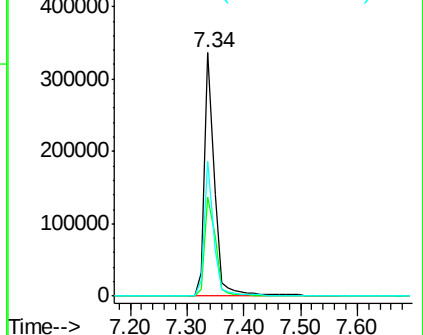


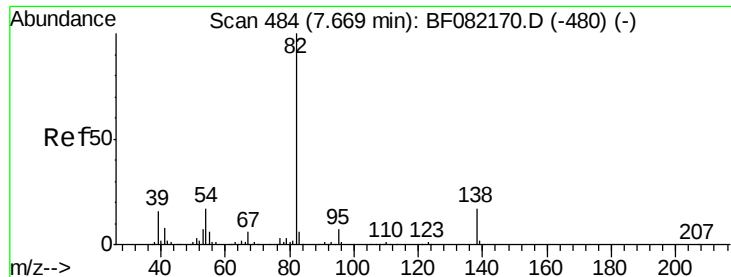
#23
Nitrobenzene-d5
Concen: 64.16 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082401.D
Acq: 21 Oct 2015 13:36

Tgt Ion: 82	Resp:	396117
Ion Ratio	Lower	Upper
82	100	
128	40.8	38.7 58.1
54	55.4	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: 29.05 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF082401.D

Acq: 21 Oct 2015 13:36

Instrument :

BNA_F

ClientSampleId :

PB86203BL

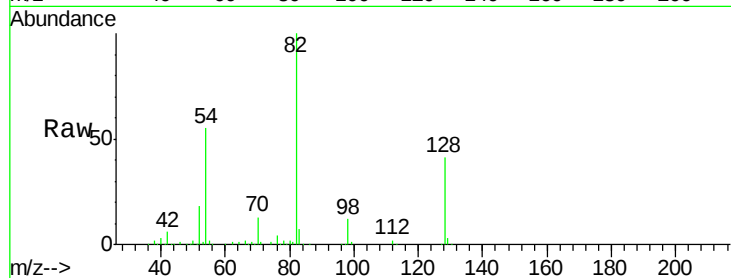
Tot Ion: 82 Resp: 361936

Ion Ratio Lower Upper

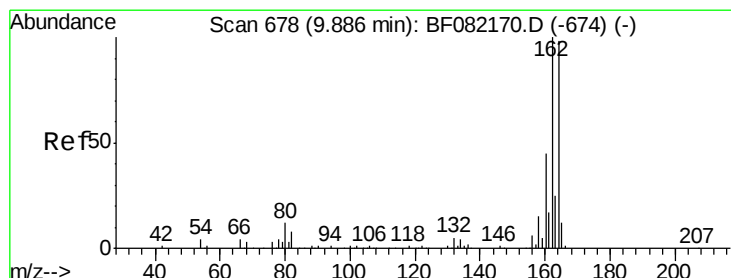
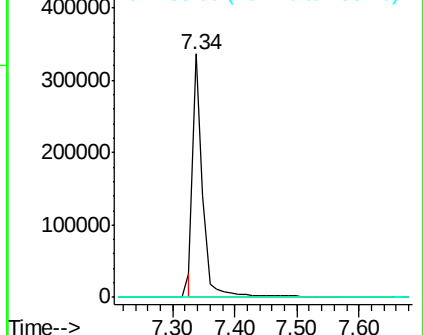
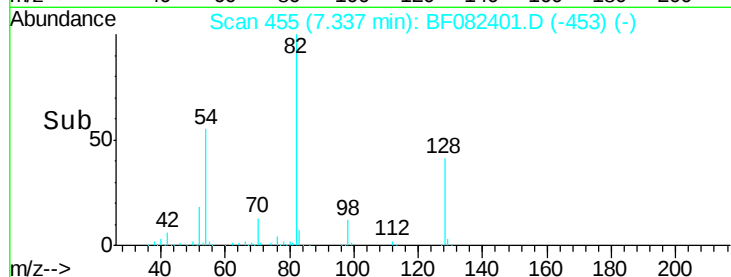
82 100

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: 9.82 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF082401.D

Acq: 21 Oct 2015 13:36

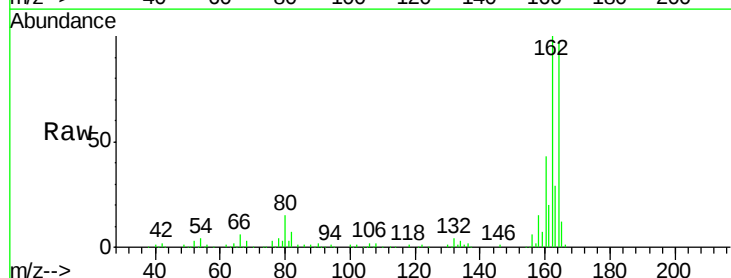
Tgt Ion: 164 Resp: 213974

Ion Ratio Lower Upper

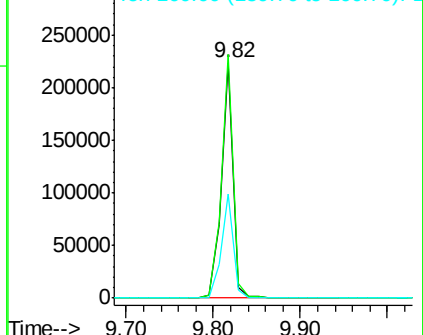
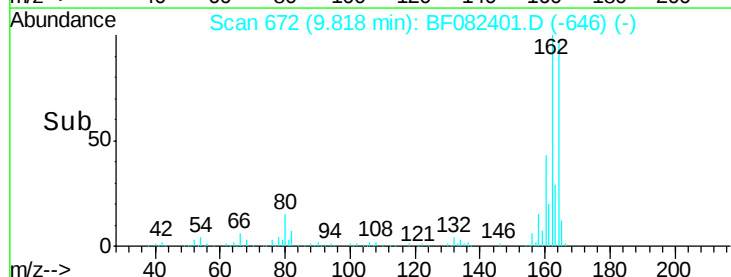
164 100

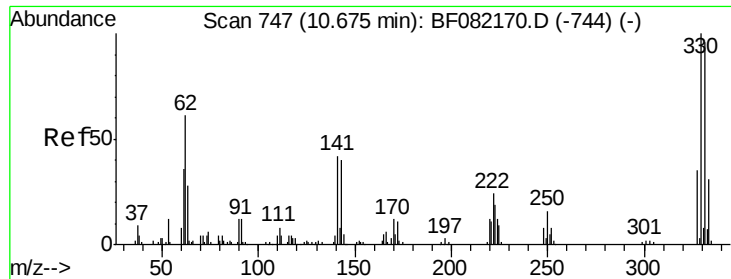
162 103.5 81.6 122.4

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

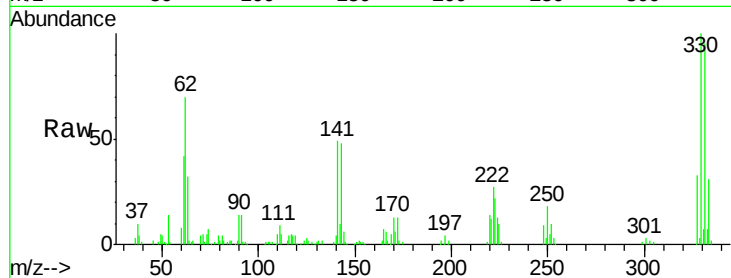




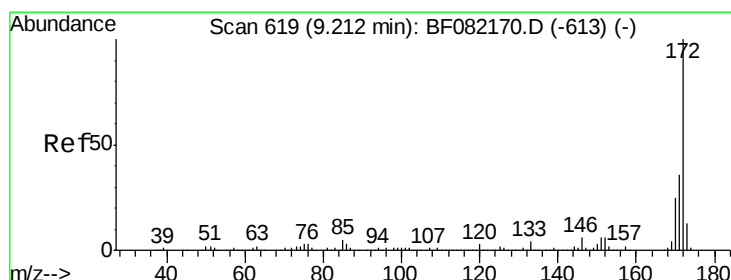
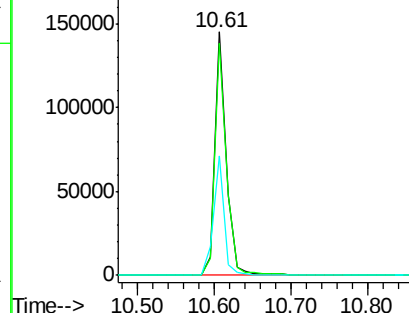
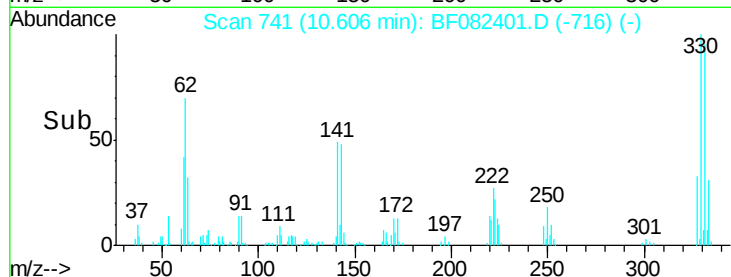
#41
 2,4,6-Tribromophenol
 Concen: 74.09 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082401.D
 Acq: 21 Oct 2015 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	45.4	29.8	44.8#

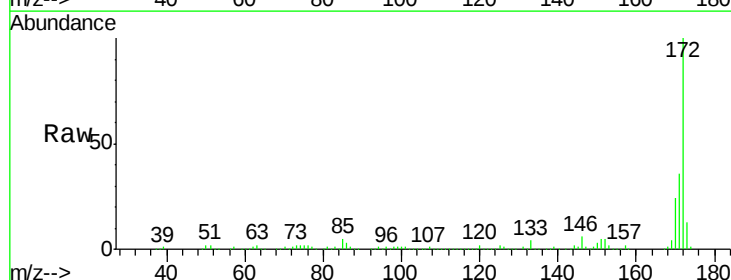


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

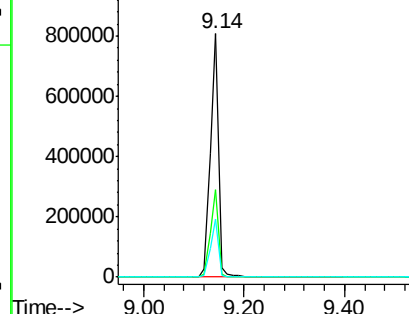
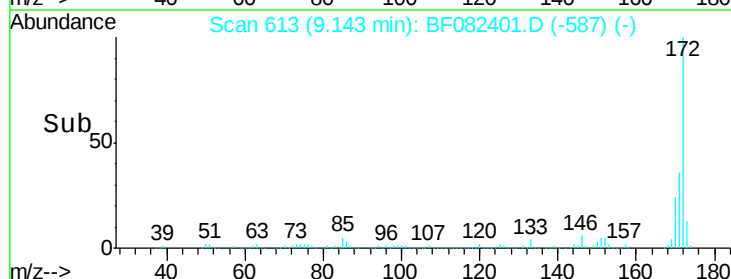


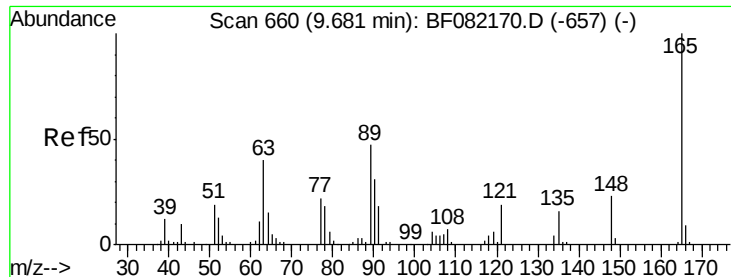
#44
 2-Fluorobiphenyl
 Concen: 70.46 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082401.D
 Acq: 21 Oct 2015 13:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	24.0	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: 8.14 ng

RT: 9.82 min Scan# 672

Delta R.T. 0.19 min

Lab File: BF082401.D

Acq: 21 Oct 2015 13:36

Instrument :

BNA_F

ClientSampleId :

PB86203BL

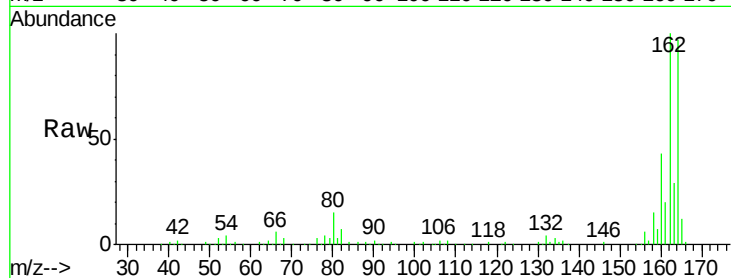
Tot Ion:165 Resp: 25873

Ion Ratio Lower Upper

165 100

63 1.1 36.7 55.1#

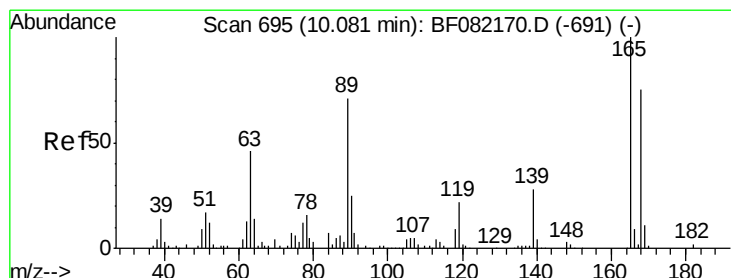
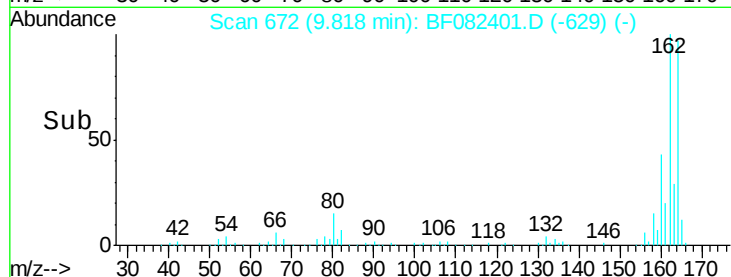
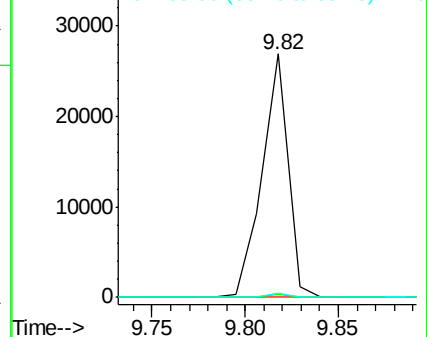
89 1.5 37.8 56.6#



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



#56

2,4-Dinitrotoluene

Concen: 6.51 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.21 min

Lab File: BF082401.D

Acq: 21 Oct 2015 13:36

Tgt Ion:165 Resp: 25873

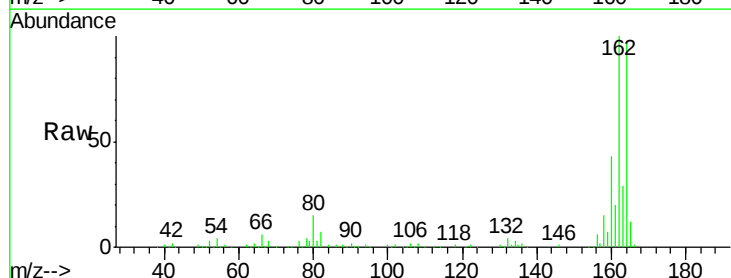
Ion Ratio Lower Upper

165 100

63 1.1 38.6 58.0#

89 1.5 57.0 85.6#

182 0.0 1.8 2.6#

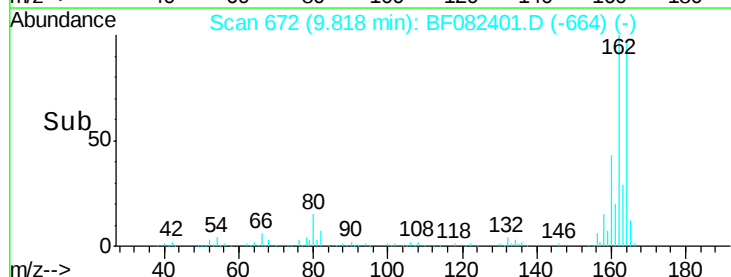
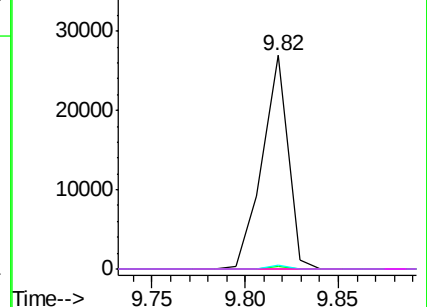


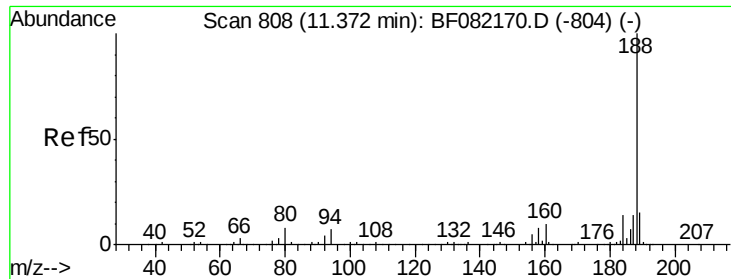
Abundance Ion 165.00 (164.70 to 165.70): E

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

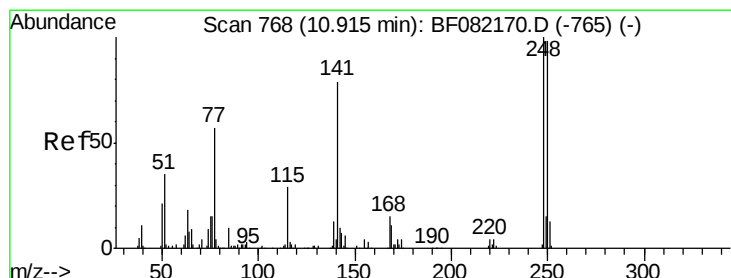
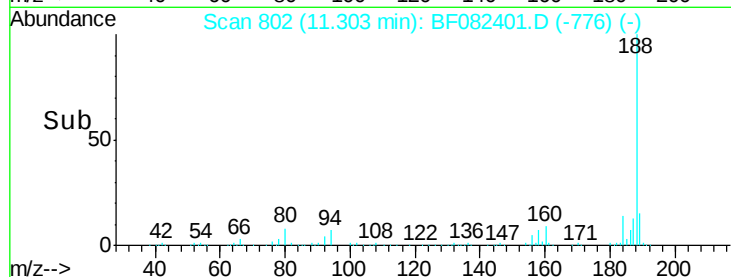
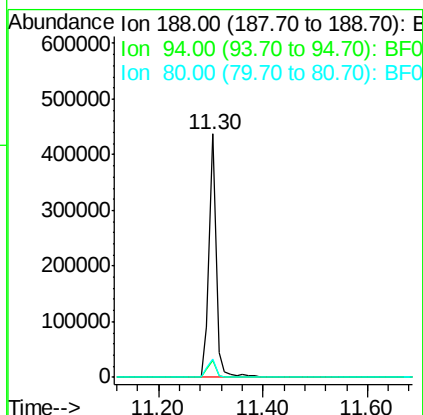
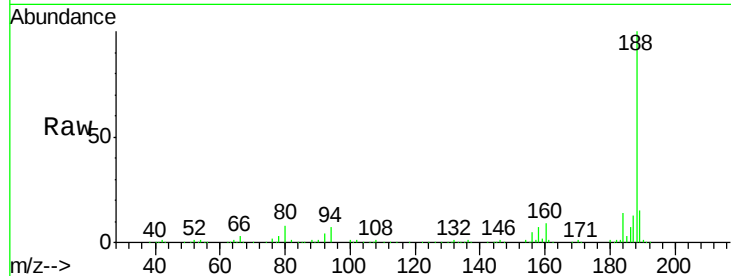




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF082401.D
Acq: 21 Oct 2015 13:36

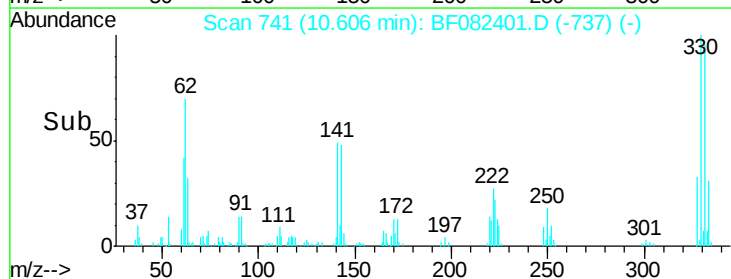
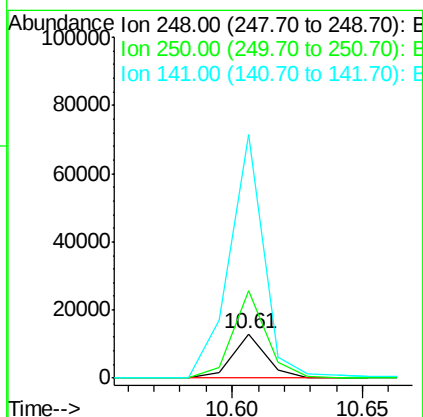
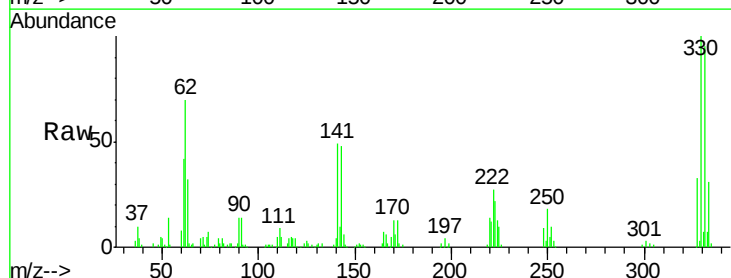
Instrument :
BNA_F
ClientSampleId :
PB86203BL

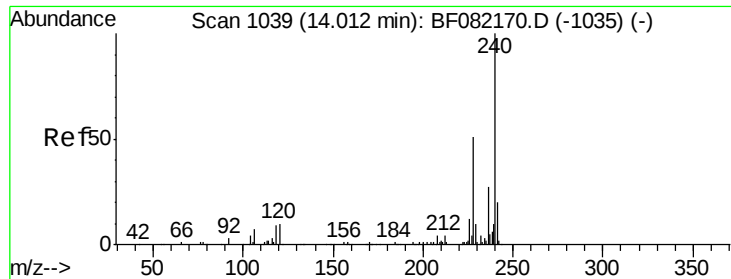
Tot Ion:188 Resp: 423732
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.6
80 7.6 6.4 9.6



#66
4-Bromophenyl-phenylether
Concen: 2.72 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF082401.D
Acq: 21 Oct 2015 13:36

Tgt Ion:248 Resp: 11516
Ion Ratio Lower Upper
248 100
250 198.7 78.6 117.8#
141 550.0 63.3 94.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF082401.D

Acq: 21 Oct 2015 13:36

Instrument :

BNA_F

ClientSampleId :

PB86203BL

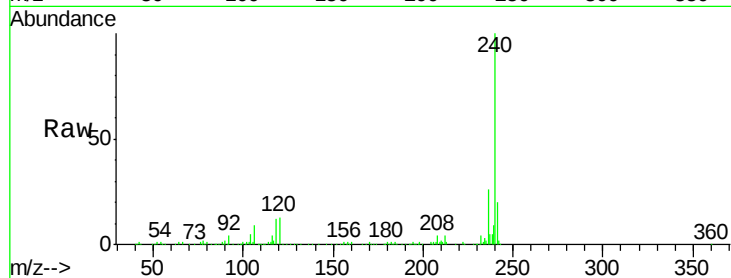
Tot Ion:240 Resp: 377489

Ion Ratio Lower Upper

240 100

120 13.1 8.1 12.1#

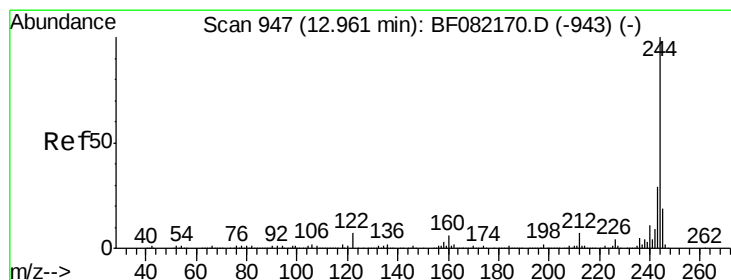
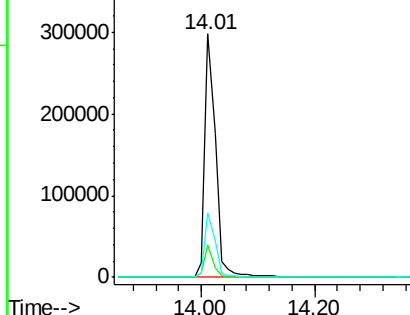
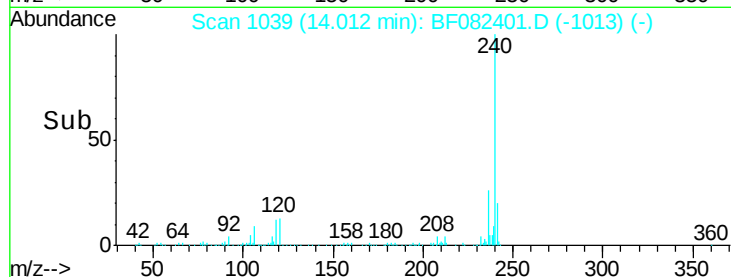
236 26.3 21.3 31.9



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: 61.38 ng

RT: 12.90 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF082401.D

Acq: 21 Oct 2015 13:36

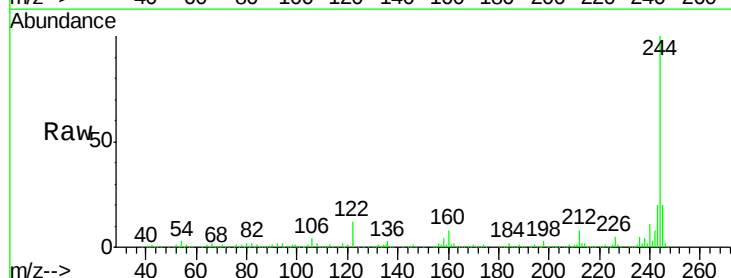
Tgt Ion:244 Resp: 874304

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.6

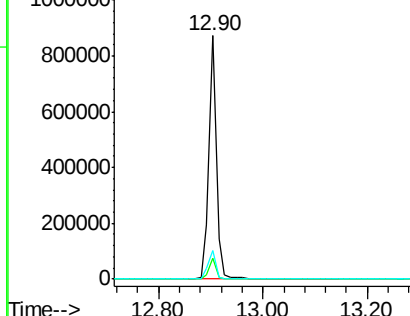
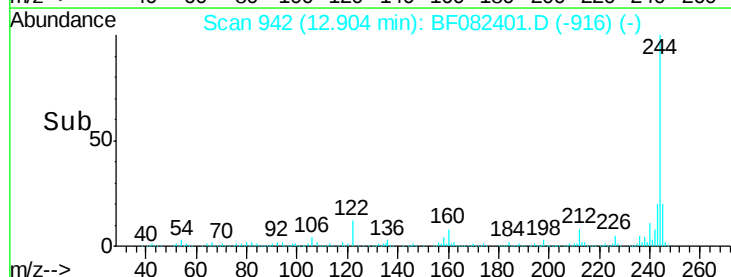
122 12.0 5.9 8.9#

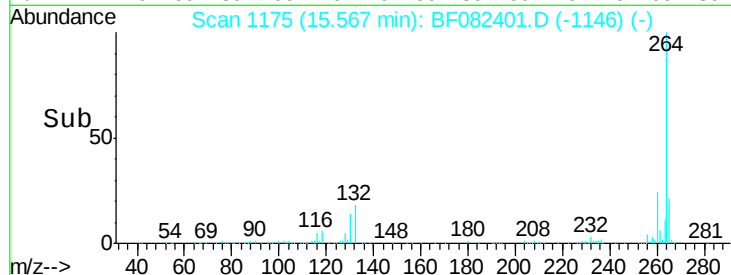
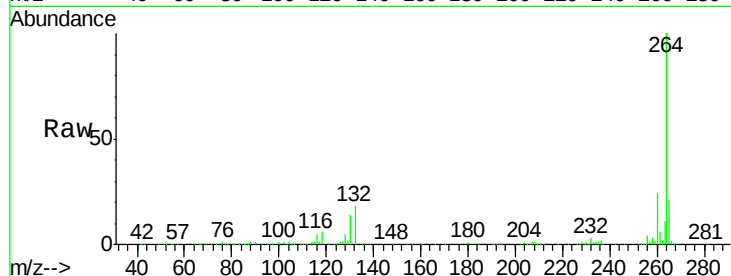
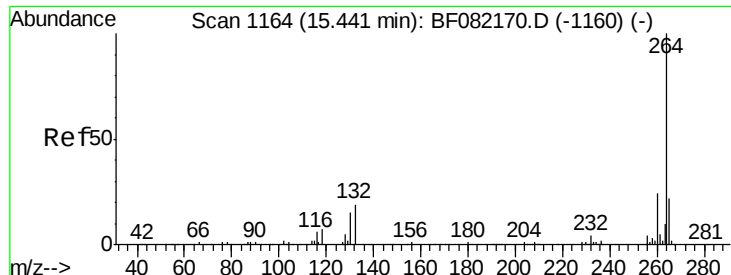


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.57 min Scan# 1175
Delta R.T. 0.03 min
Lab File: BF082401.D
Acq: 21 Oct 2015 13:36

Instrument :
BNA_F
ClientSampleId :
PB86203BL

Tot Ion:	264	Resp:	298795
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.0	28.6
265	21.3	17.3	25.9

