

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110315\
 Data File : BF082660.D
 Acq On : 3 Nov 2015 14:57
 Operator : UM/IZ
 Sample : PB86403BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86403BL

Quant Time: Nov 04 03:12:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

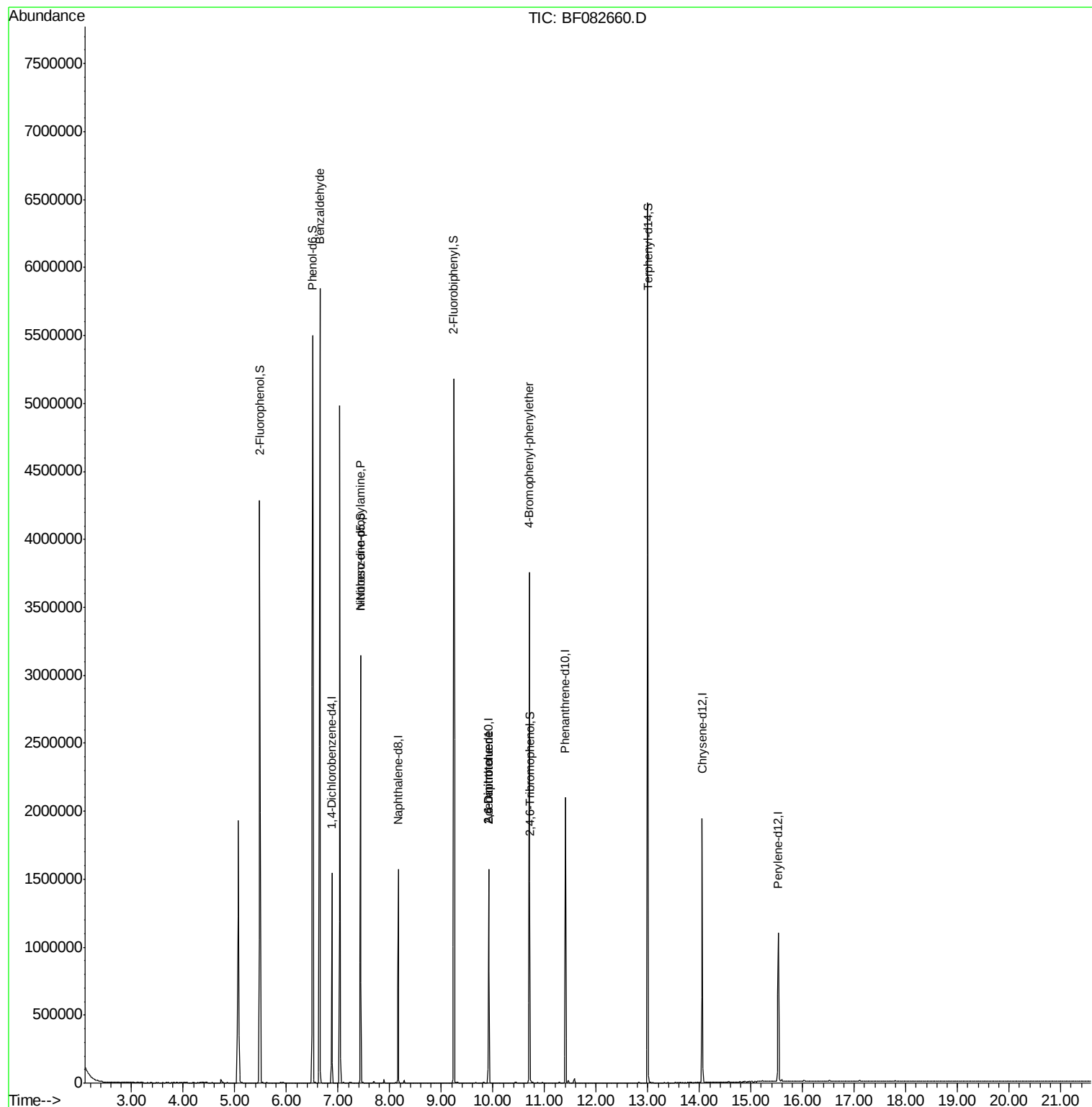
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	195385	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	748237	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	360092	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	713472	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	700285	20.00	ng	0.00
86) Perylene-d12	15.53	264	547847	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1357371	104.63	ng	0.01
7) Phenol-d6	6.51	99	1971404	114.39	ng	0.00
23) Nitrobenzene-d5	7.44	82	1150707	62.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	499564	126.77	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1970495	77.69	ng	-0.01
78) Terphenyl-d14	13.00	244	2373721	74.18	ng	0.00
Target Compounds						
9) Benzaldehyde	6.65	77	43458	3.69	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.44	70	159206	12.19	ng	# 72
50) 2,6-Dinitrotoluene	9.92	165	45916	7.53	ng	# 17
56) 2,4-Dinitrotoluene	9.92	165	45918	5.57	ng	# 15
66) 4-Bromophenyl-phenylether	10.70	248	31311	3.87	ng	# 1

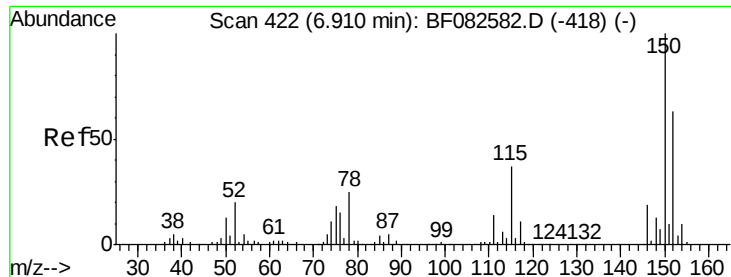
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110315\
Data File : BF082660.D
Acq On : 3 Nov 2015 14:57
Operator : UM/IZ
Sample : PB86403BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86403BL

Quant Time: Nov 04 03:12:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF082660.D

Acq: 3 Nov 2015 14:57

Instrument :

BNA_F

ClientSampleId :

PB86403BL

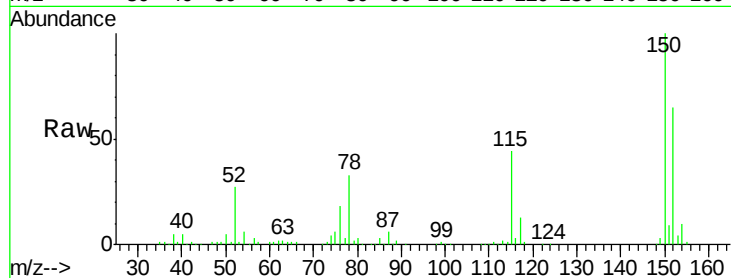
Tgt Ion:152 Resp: 195385

Ion Ratio Lower Upper

152 100

150 154.1 127.0 190.4

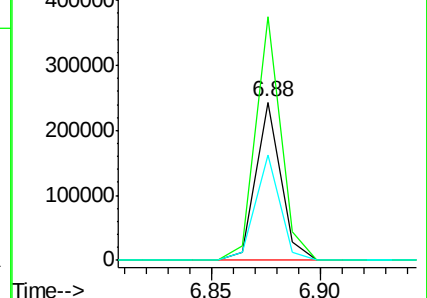
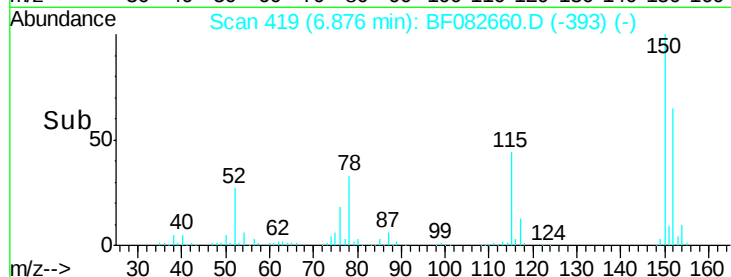
115 67.0 47.0 70.6



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: 104.63 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082660.D

Acq: 3 Nov 2015 14:57

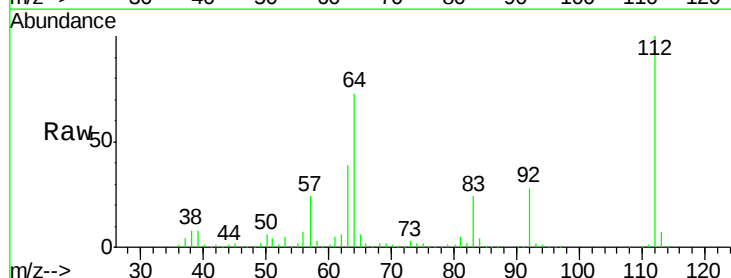
Tgt Ion:112 Resp: 1357371

Ion Ratio Lower Upper

112 100

64 72.8 48.9 73.3

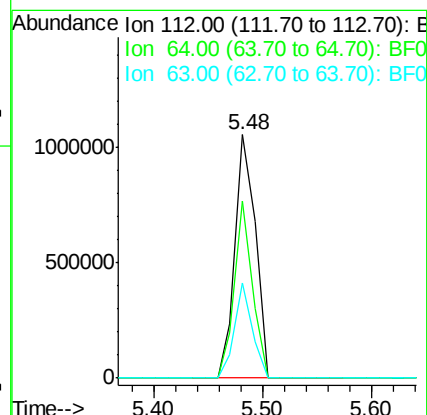
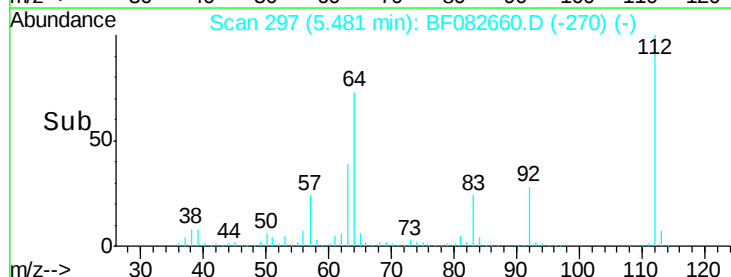
63 39.2 28.1 42.1



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: 114.39 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082660.D

Acq: 3 Nov 2015 14:57

Instrument :

BNA_F

ClientSampleId :

PB86403BL

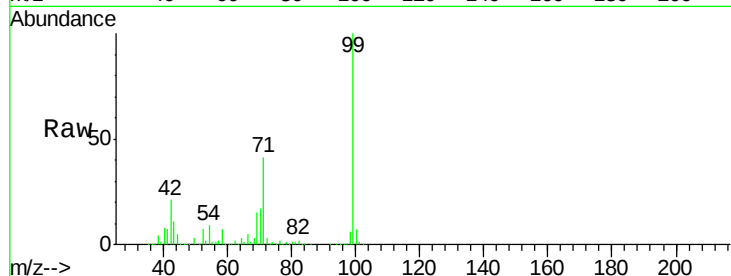
Tgt Ion: 99 Resp: 1971404

Ion Ratio Lower Upper

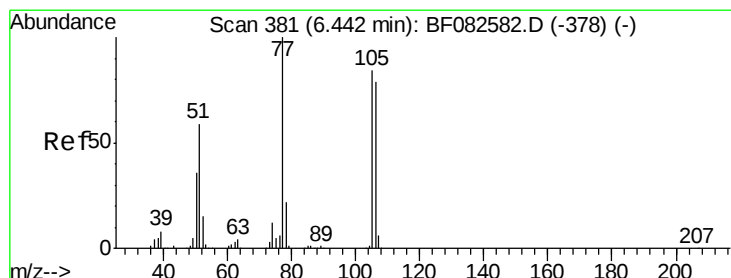
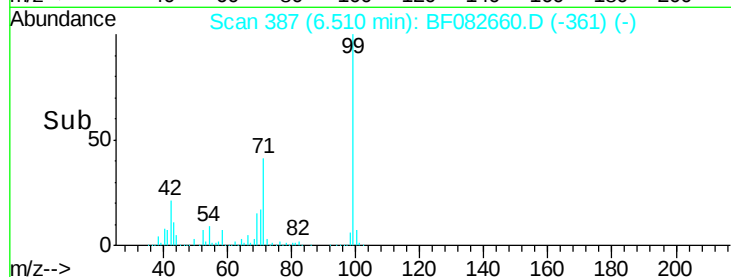
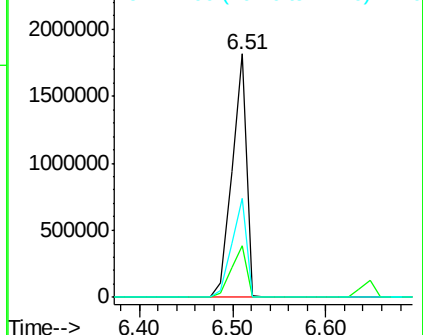
99 100

42 21.0 19.2 28.8

71 40.9 35.0 52.4



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



#9

Benzaldehyde

Concen: 3.69 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.23 min

Lab File: BF082660.D

Acq: 3 Nov 2015 14:57

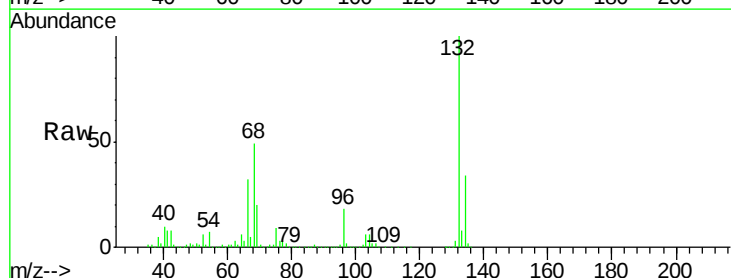
Tgt Ion: 77 Resp: 43458

Ion Ratio Lower Upper

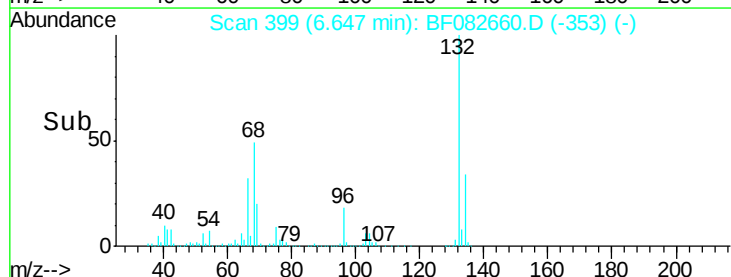
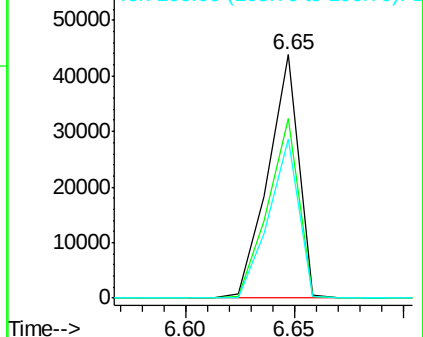
77 100

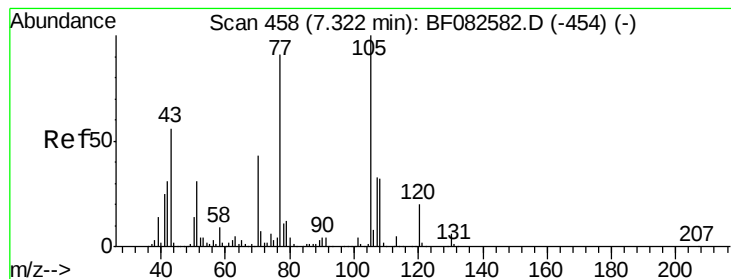
105 73.8 63.5 103.5

106 65.4 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.19 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.14 min

Lab File: BF082660.D

Acq: 3 Nov 2015 14:57

Instrument :

BNA_F

ClientSampleId :

PB86403BL

Tgt Ion: 70 Resp: 159206

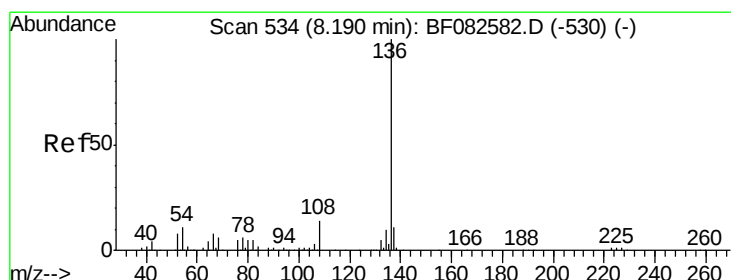
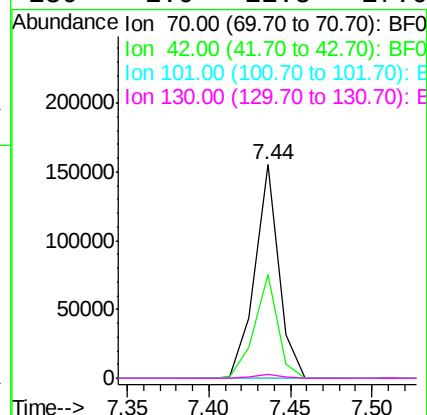
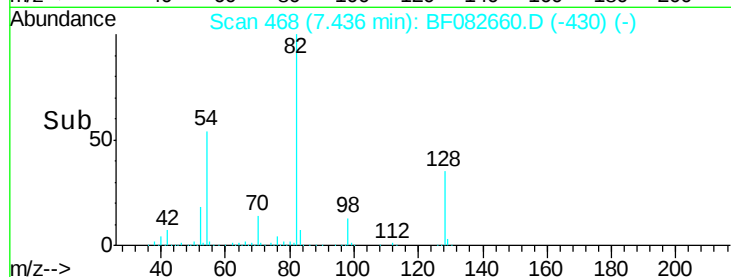
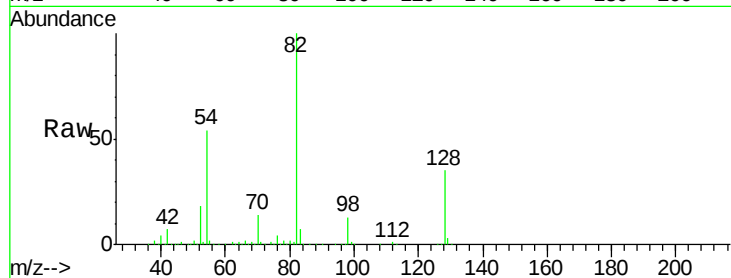
Ion Ratio Lower Upper

70 100

42 48.6 57.7 86.5#

101 0.0 7.0 10.6#

130 1.9 11.8 17.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF082660.D

Acq: 3 Nov 2015 14:57

Tgt Ion: 136 Resp: 748237

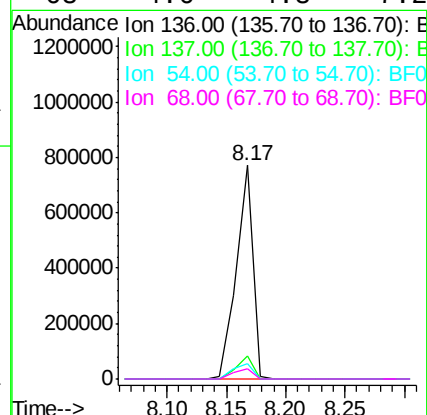
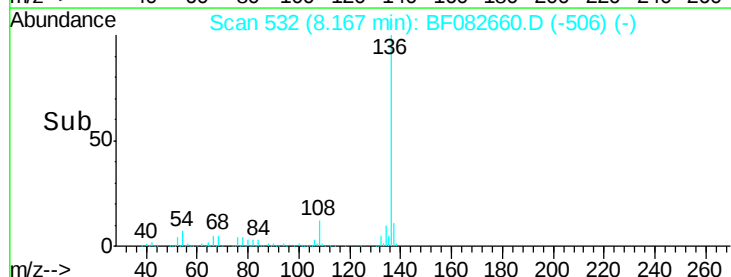
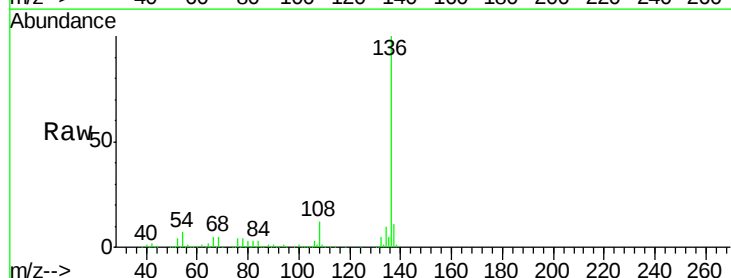
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 7.0 9.1 13.7#

68 4.6 4.8 7.2#

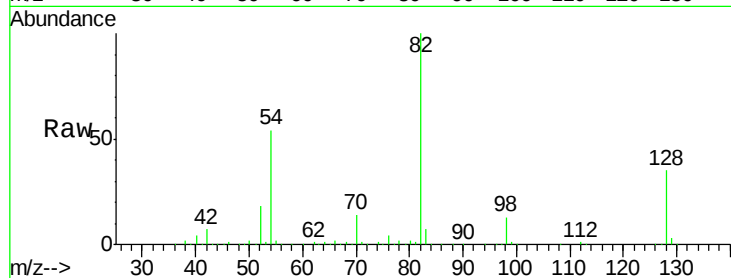




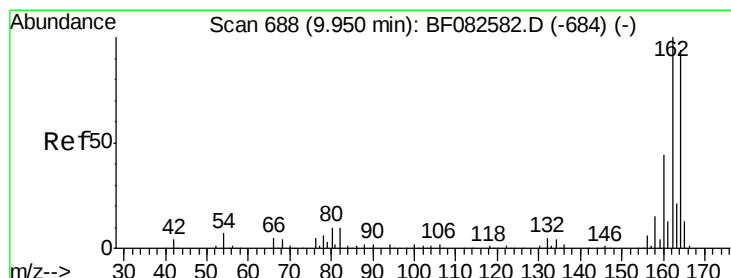
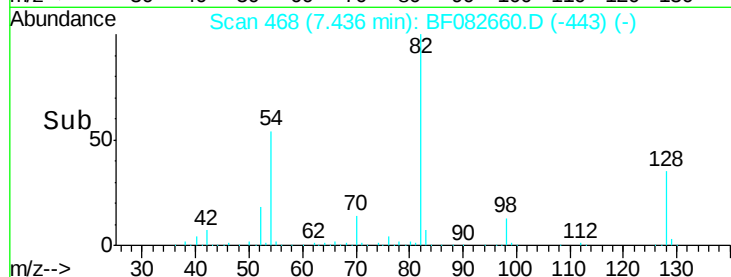
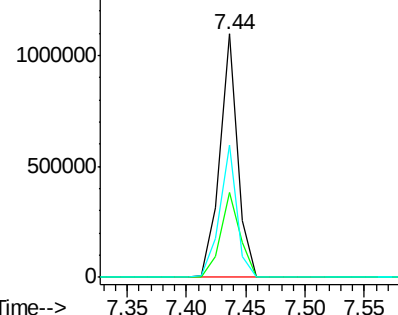
#23
 Nitrobenzene-d5
 Concen: 62.80 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF082660.D
 Acq: 3 Nov 2015 14:57

Instrument :
 BNA_F
 ClientSampled :
 PB86403BL

Tgt Ion: 82 Resp: 1150707
 Ion Ratio Lower Upper
 82 100
 128 35.0 26.8 40.2
 54 54.5 45.7 68.5

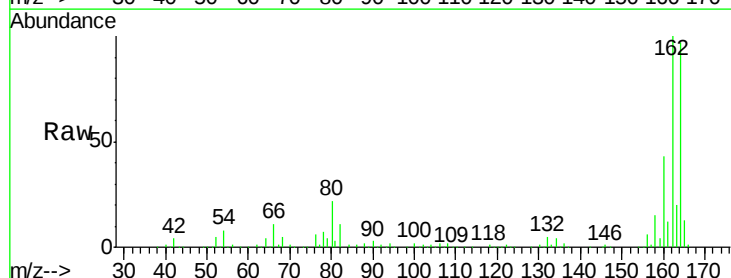


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

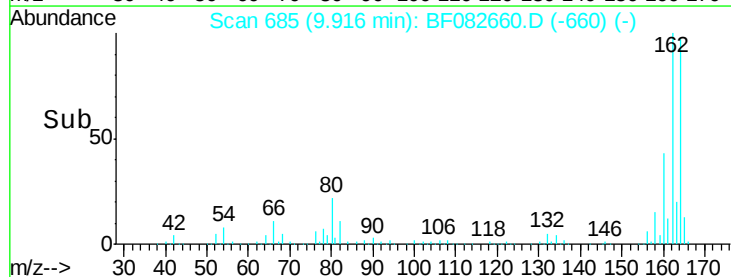
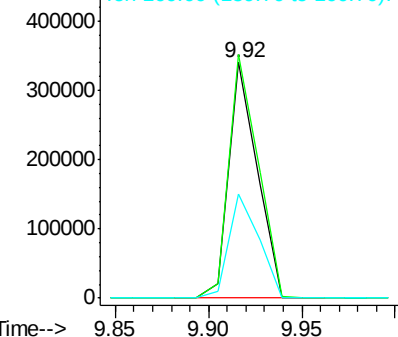


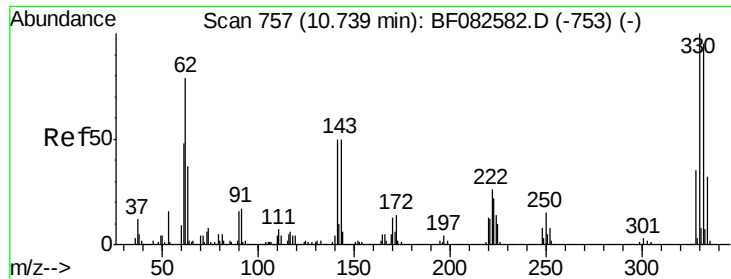
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF082660.D
 Acq: 3 Nov 2015 14:57

Tgt Ion: 164 Resp: 360092
 Ion Ratio Lower Upper
 164 100
 162 103.3 84.9 127.3
 160 44.2 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

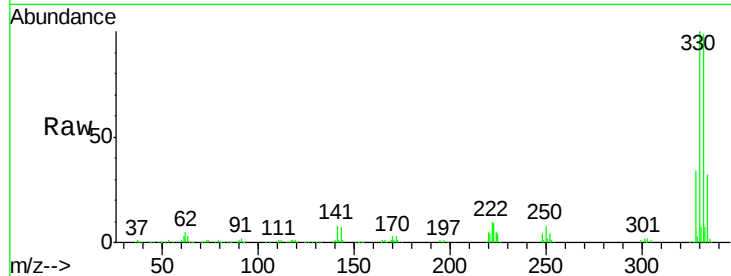




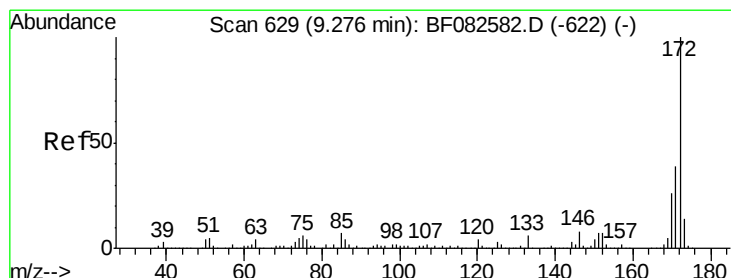
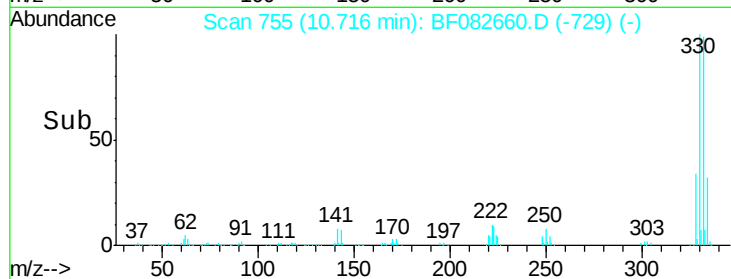
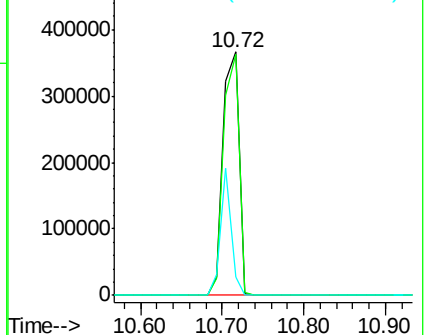
#41
 2,4,6-Tribromophenol
 Concen: 126.77 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF082660.D
 Acq: 3 Nov 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PB86403BL

Tgt Ion:330 Resp: 499564
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 34.8 41.2 61.8#

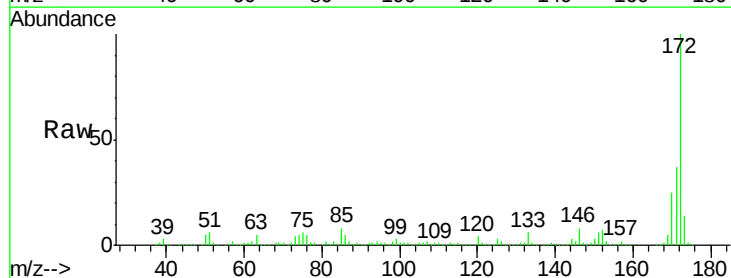


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

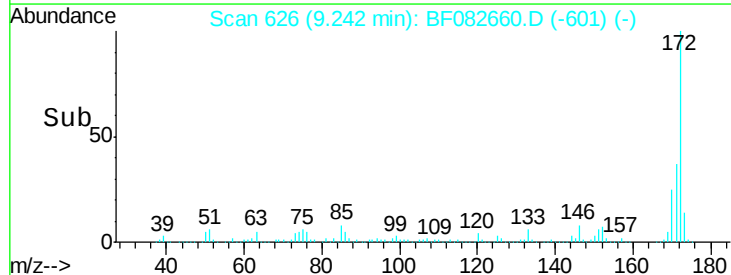
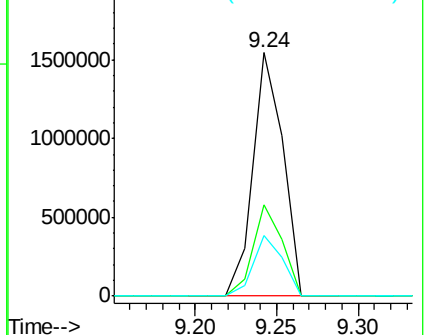


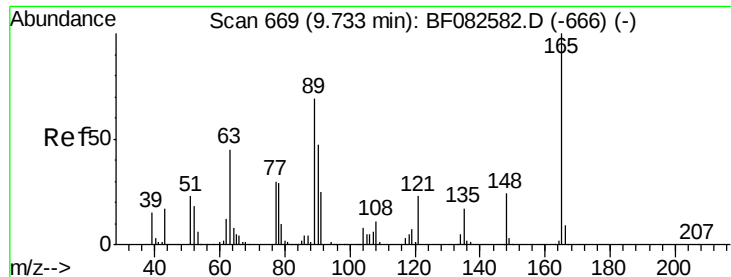
#44
 2-Fluorobiphenyl
 Concen: 77.69 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082660.D
 Acq: 3 Nov 2015 14:57

Tgt Ion:172 Resp: 1970495
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.0 21.2 31.8



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

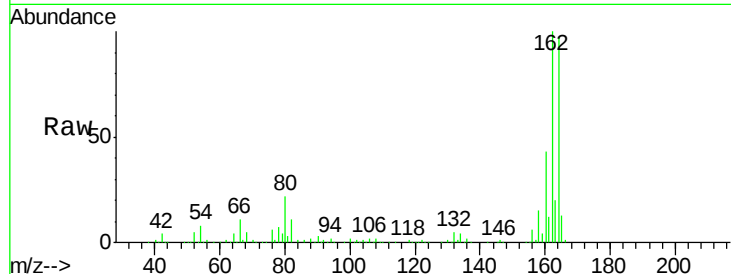




#50
 2,6-Dinitrotoluene
 Concen: 7.53 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.21 min
 Lab File: BF082660.D
 Acq: 3 Nov 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PB86403BL

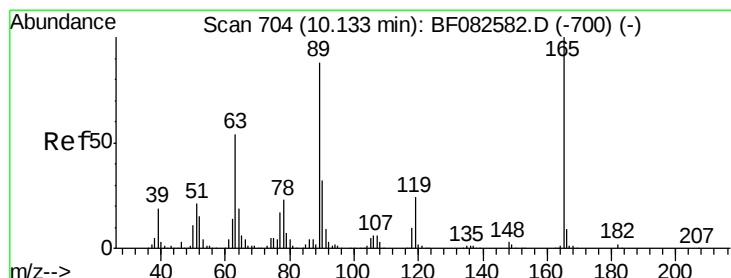
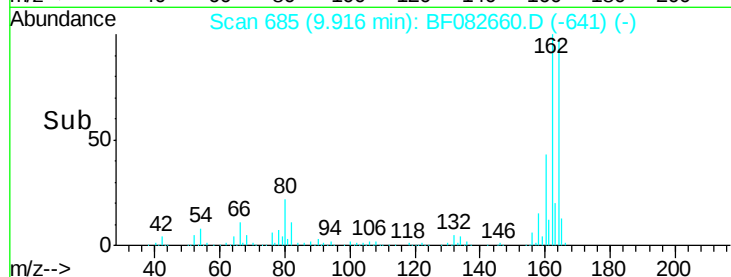
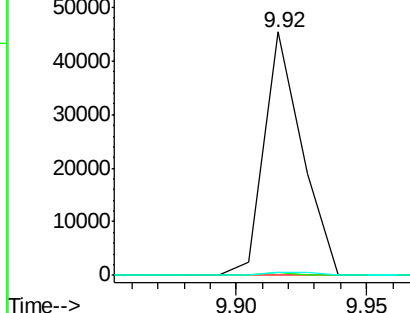
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	55.5	83.3#
89	1.3	55.0	82.6#



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: 5.57 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.19 min
 Lab File: BF082660.D
 Acq: 3 Nov 2015 14:57

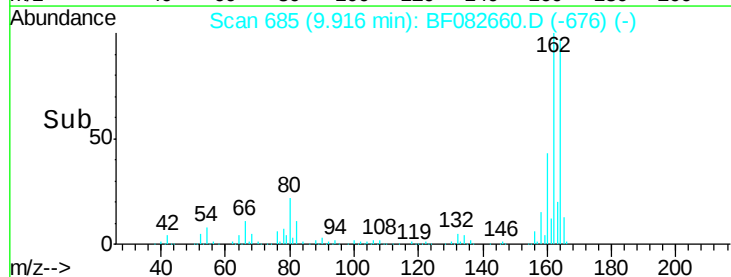
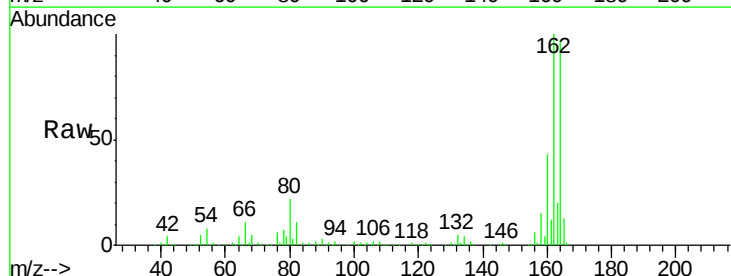
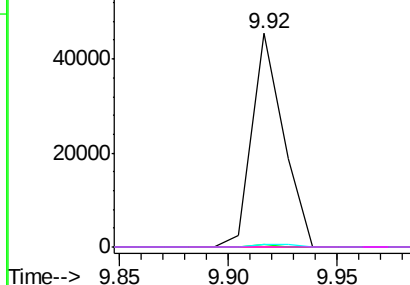
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.4	65.0#
89	1.3	70.6	106.0#
182	0.0	1.5	2.3#

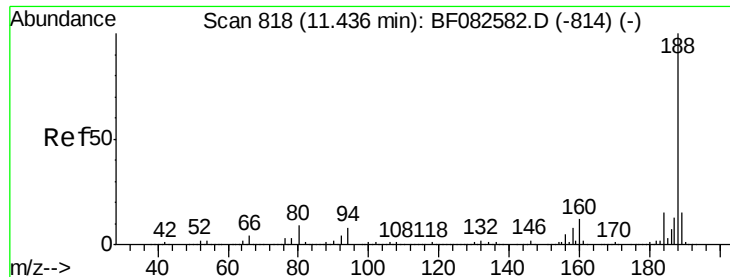
Abundance Ion 165.00 (164.70 to 165.70): E

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

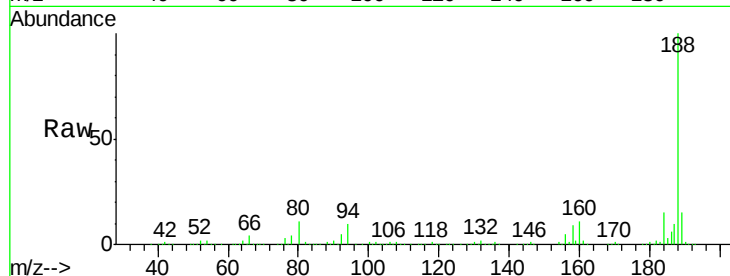




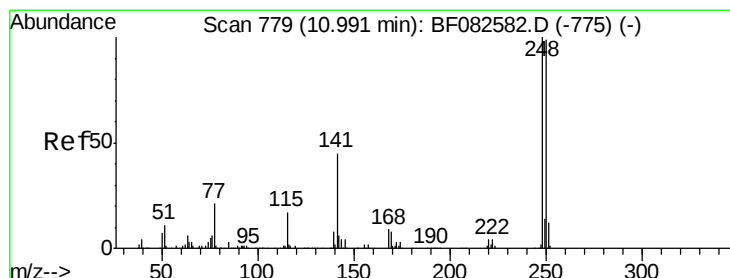
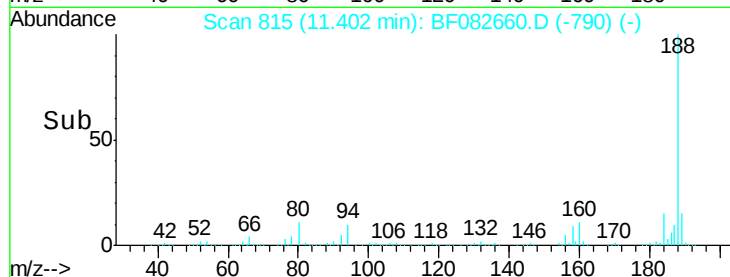
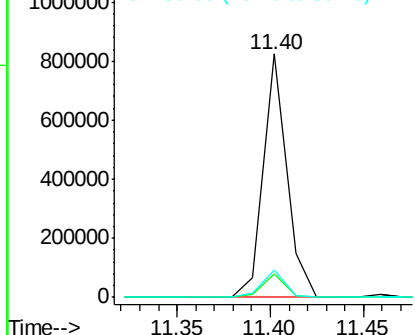
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF082660.D
Acq: 3 Nov 2015 14:57

Instrument :
BNA_F
ClientSampleId :
PB86403BL

Tgt Ion:188 Resp: 713472
Ion Ratio Lower Upper
188 100
94 9.6 6.1 9.1#
80 11.1 7.0 10.6#

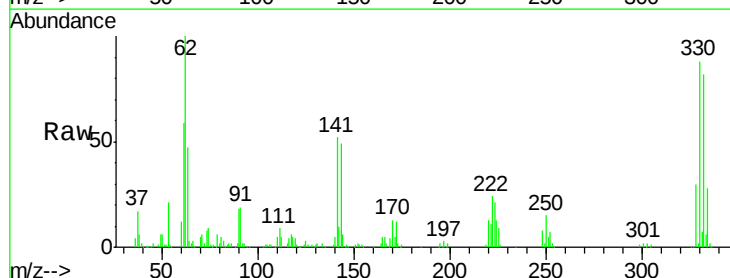


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

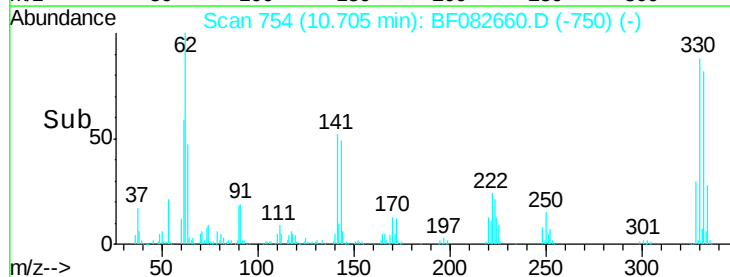
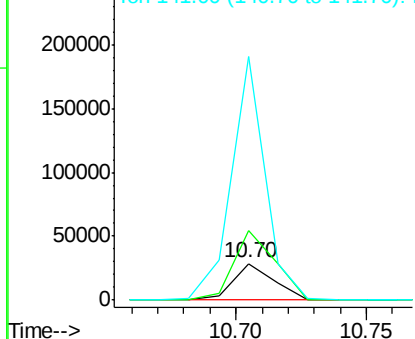


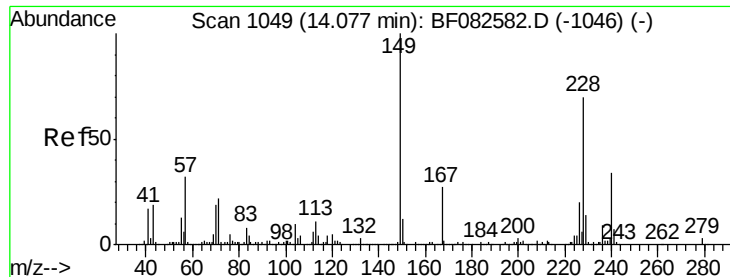
#66
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.25 min
Lab File: BF082660.D
Acq: 3 Nov 2015 14:57

Tgt Ion:248 Resp: 31311
Ion Ratio Lower Upper
248 100
250 188.0 79.4 119.2#
141 660.0 36.3 54.5#



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: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF082660.D

Acq: 3 Nov 2015 14:57

Instrument :

BNA_F

ClientSampleId :

PB86403BL

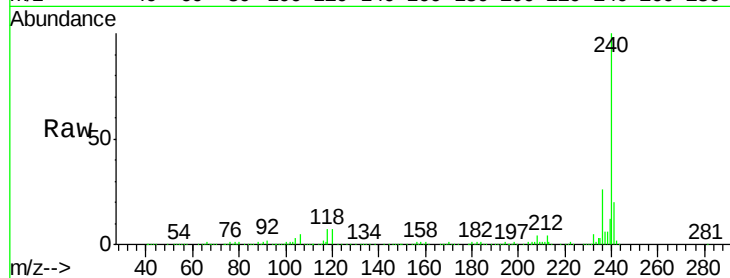
Tgt Ion:240 Resp: 700285

Ion Ratio Lower Upper

240 100

120 7.5 10.9 16.3#

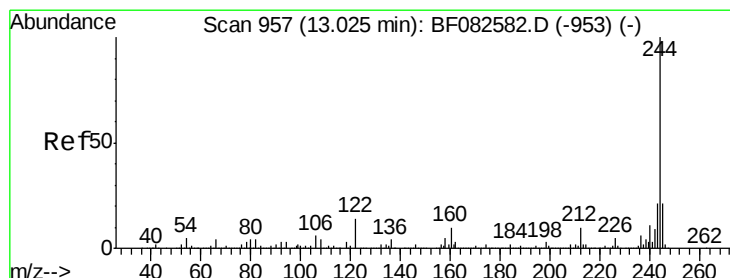
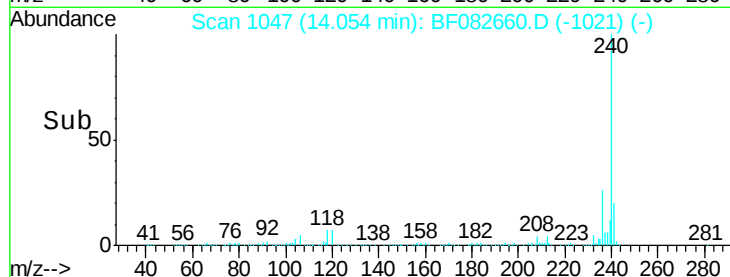
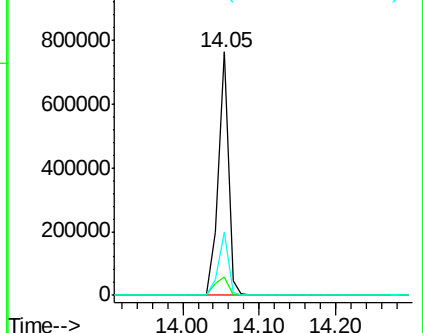
236 25.8 21.6 32.4



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: 74.18 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF082660.D

Acq: 3 Nov 2015 14:57

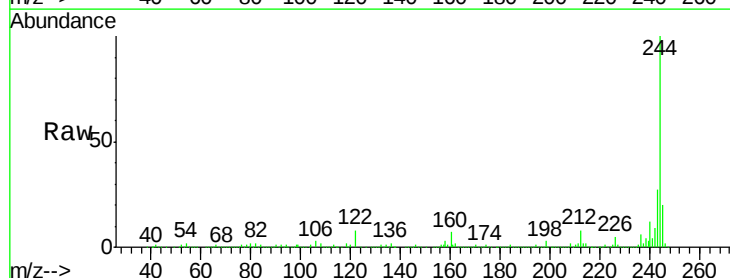
Tgt Ion:244 Resp: 2373721

Ion Ratio Lower Upper

244 100

212 8.2 7.6 11.4

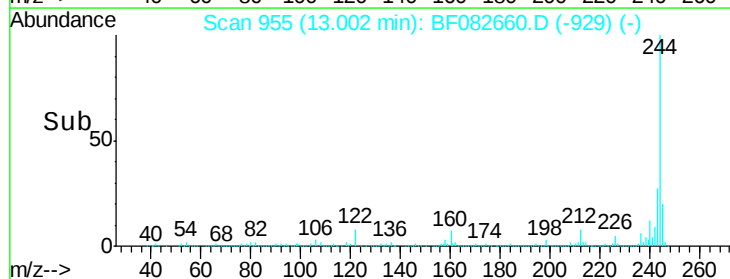
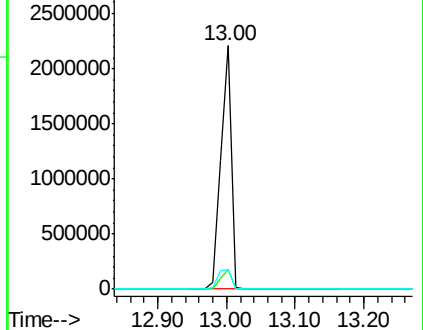
122 7.9 11.3 16.9#

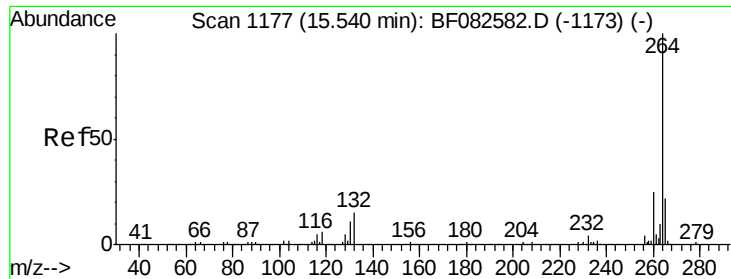


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.53 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BF082660.D
Acq: 3 Nov 2015 14:57

Instrument :
BNA_F
ClientSampleId :
PB86403BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.6
265	20.7	17.4	26.0

