

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
 Data File : BF080205.D
 Acq On : 29 Jun 2015 12:37
 Operator : TP/IZ
 Sample : PB84243BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84243BL

Quant Time: Jun 30 01:41:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

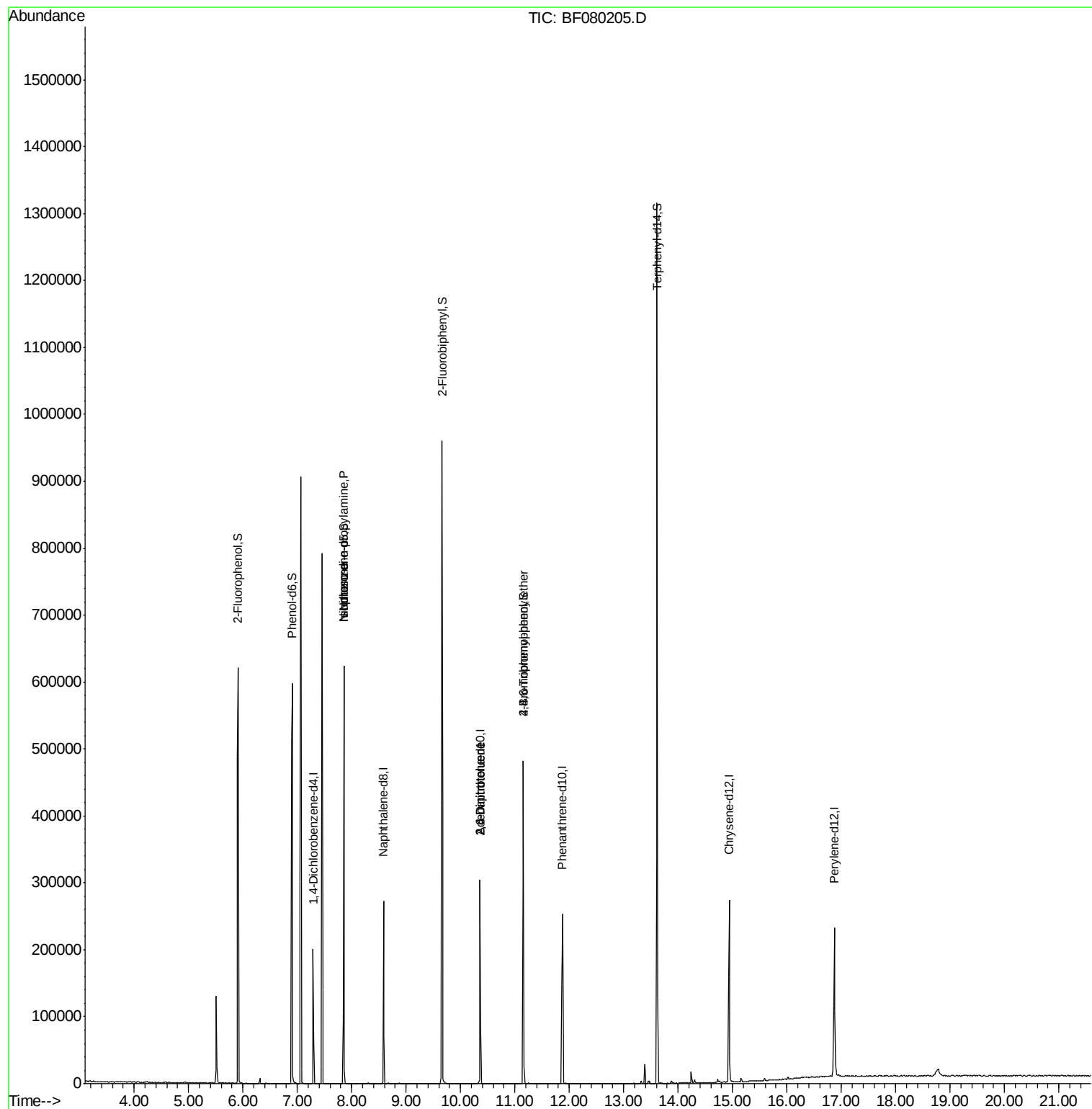
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	30296	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	118011	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	60593	20.00	ng	-0.03
63) Phenanthrene-d10	11.88	188	119681	20.00	ng	-0.03
75) Chrysene-d12	14.94	240	130357	20.00	ng	-0.06
86) Perylene-d12	16.87	264	127782	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	226684	132.45	ng	-0.02
7) Phenol-d6	6.90	99	293556	128.90	ng	-0.02
23) Nitrobenzene-d5	7.85	82	178357	87.99	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	70637	119.22	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	337938	79.54	ng	-0.03
78) Terphenyl-d14	13.61	244	440732	78.96	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.85	70	22909	14.49	ng	# 58
25) Isophorone	7.85	82	178377	43.72	ng	# 58
50) 2,6-Dinitrotoluene	10.36	165	7528	8.24	ng	# 37
56) 2,4-Dinitrotoluene	10.36	165	7529	6.50	ng	# 31
66) 4-Bromophenyl-phenylether	11.16	248	4569	3.59	ng	# 1

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

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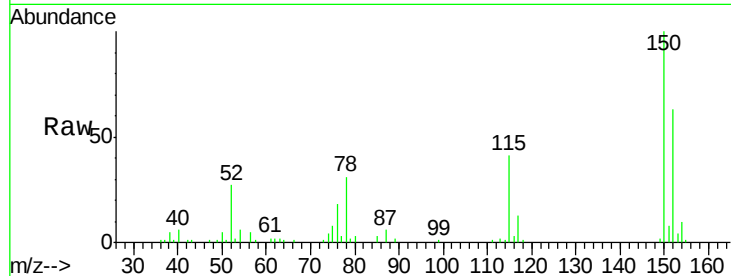


#1

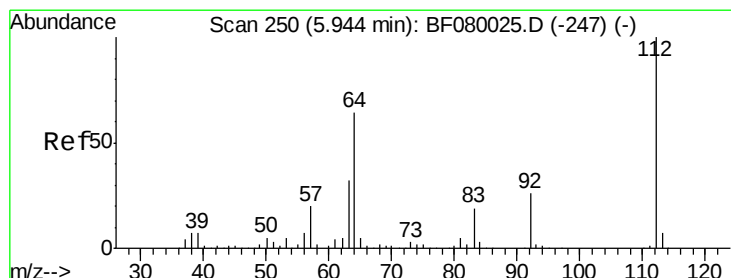
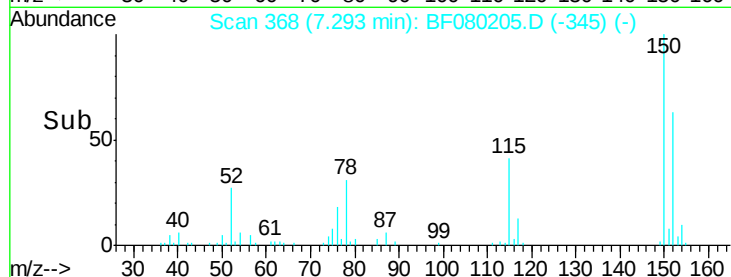
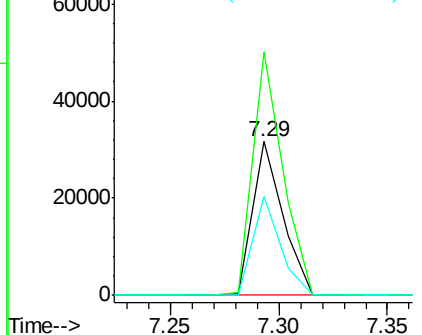
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.29 min Scan# 368
 Delta R.T. -0.03 min
 Lab File: BF080205.D
 Acq: 29 Jun 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84243BL

Tgt Ion:152 Resp: 30296
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.7 187.1
 115 64.2 39.0 58.4#



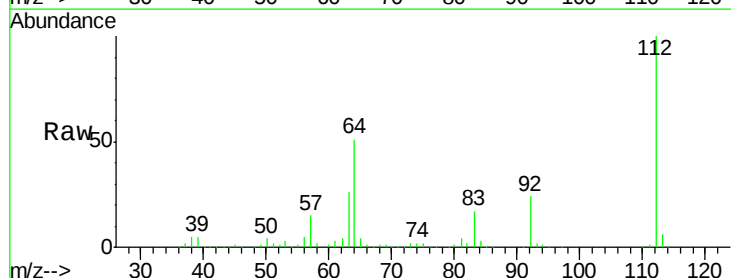
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



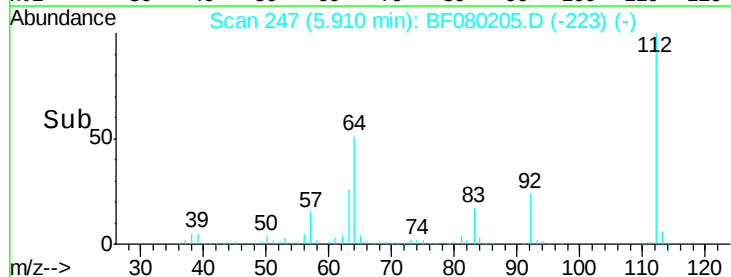
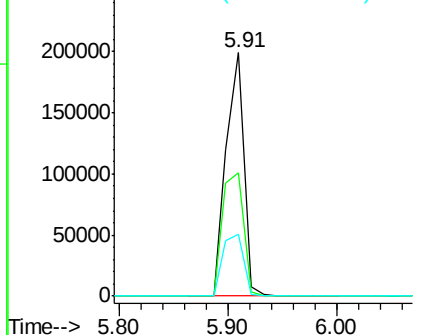
#5

2-Fluorophenol
 Concen: 132.45 ng
 RT: 5.91 min Scan# 247
 Delta R.T. -0.02 min
 Lab File: BF080205.D
 Acq: 29 Jun 2015 12:37

Tgt Ion:112 Resp: 226684
 Ion Ratio Lower Upper
 112 100
 64 50.7 39.7 59.5
 63 25.6 17.4 26.0



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: 128.90 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF080205.D

Acq: 29 Jun 2015 12:37

Instrument :

BNA_F

ClientSampleId :

PB84243BL

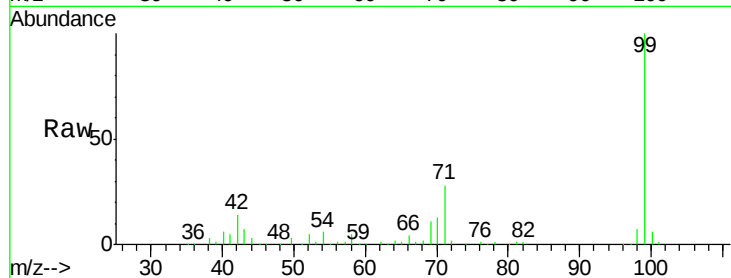
Tgt Ion: 99 Resp: 293556

Ion Ratio Lower Upper

99 100

42 13.9 13.7 20.5

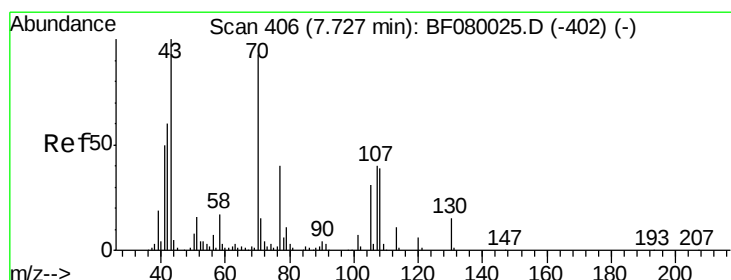
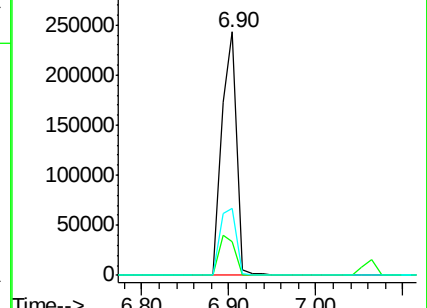
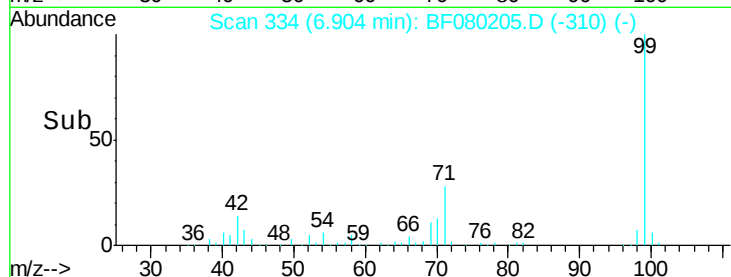
71 27.6 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.49 ng

RT: 7.85 min Scan# 417

Delta R.T. 0.14 min

Lab File: BF080205.D

Acq: 29 Jun 2015 12:37

Tgt Ion: 70 Resp: 22909

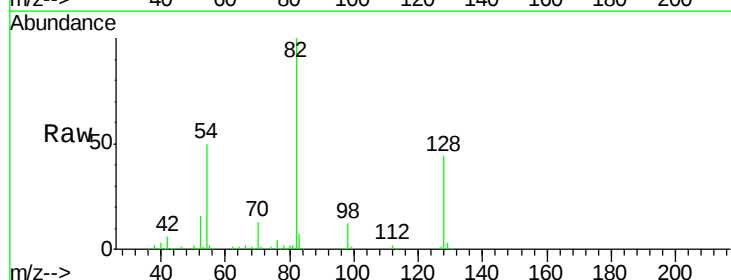
Ion Ratio Lower Upper

70 100

42 46.8 63.8 95.6#

101 0.0 9.2 13.8#

130 1.6 27.3 40.9#

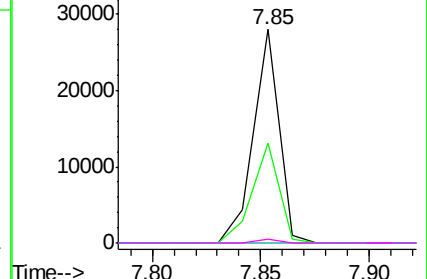
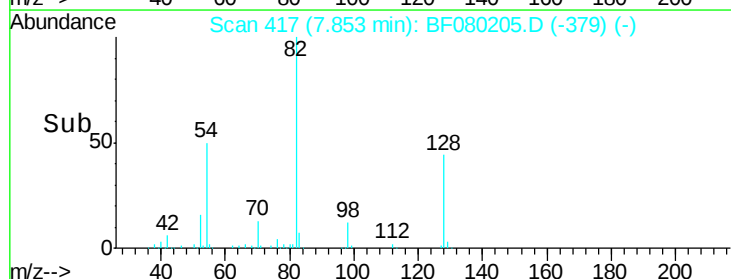


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

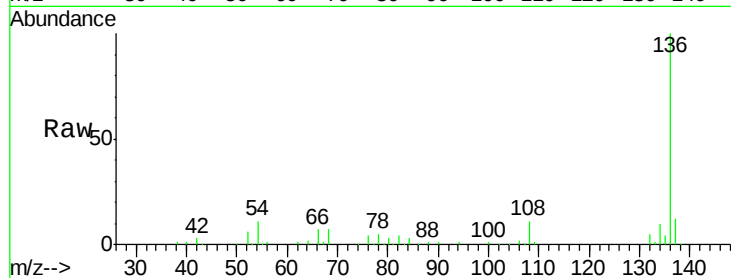




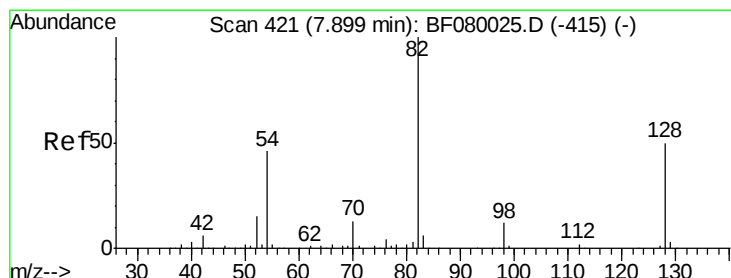
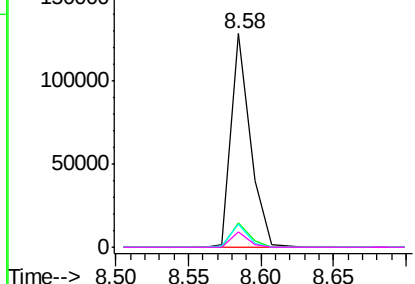
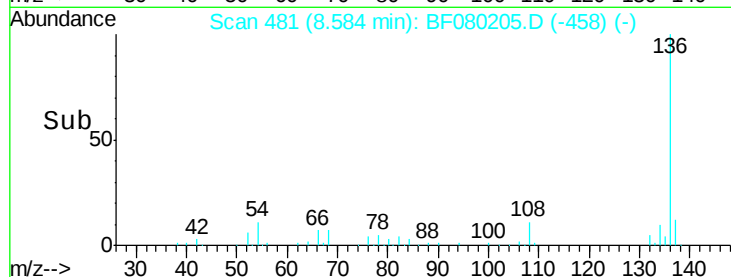
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080205.D
Acq: 29 Jun 2015 12:37

Instrument :
BNA_F
ClientSampleId :
PB84243BL

Tgt Ion:	136	Resp:	118011
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	10.6	8.2	12.2
68	7.3	5.8	8.6

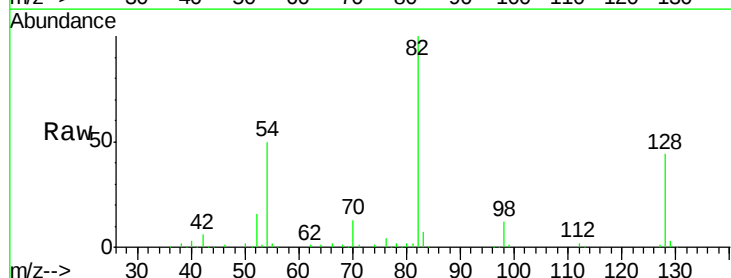


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
150000
Ion 54.00 (53.70 to 54.70): BF0
100000
Ion 68.00 (67.70 to 68.70): BF0
50000
0

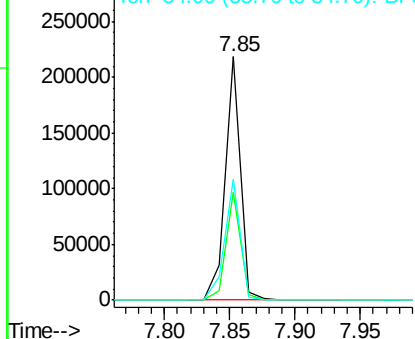
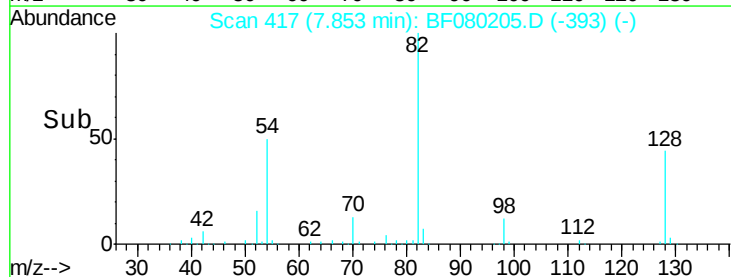


#23
Nitrobenzene-d5
Concen: 87.99 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF080205.D
Acq: 29 Jun 2015 12:37

Tgt Ion:	82	Resp:	178357
Ion	Ratio	Lower	Upper
82	100		
128	44.5	51.0	76.6#
54	49.8	47.5	71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
300000
Ion 128.00 (127.70 to 128.70): E
250000
Ion 54.00 (53.70 to 54.70): BF0
200000
150000
100000
50000
0





#25

Isophorone

Concen: 43.72 ng

RT: 7.85 min Scan# 417

Delta R.T. -0.29 min

Lab File: BF080205.D

Acq: 29 Jun 2015 12:37

Instrument :

BNA_F

ClientSampleId :

PB84243BL

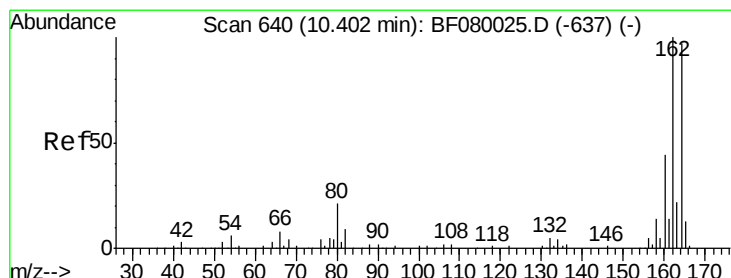
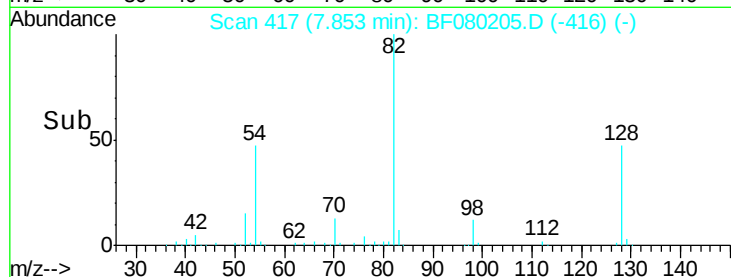
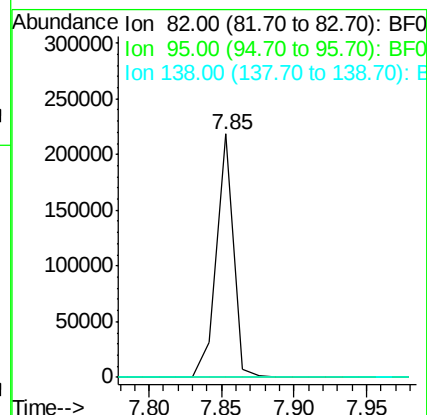
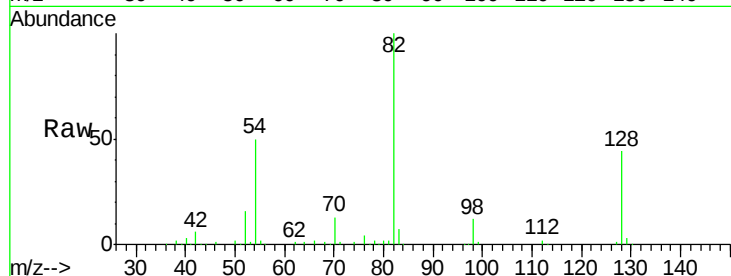
Tgt Ion: 82 Resp: 178377

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF080205.D

Acq: 29 Jun 2015 12:37

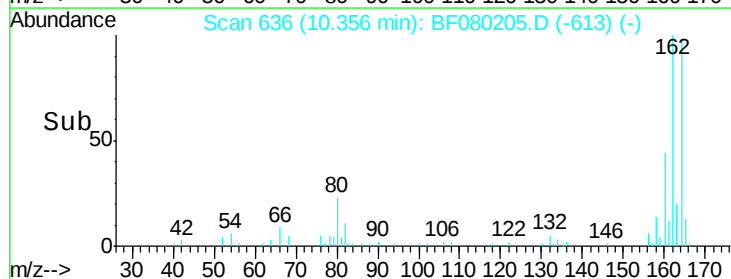
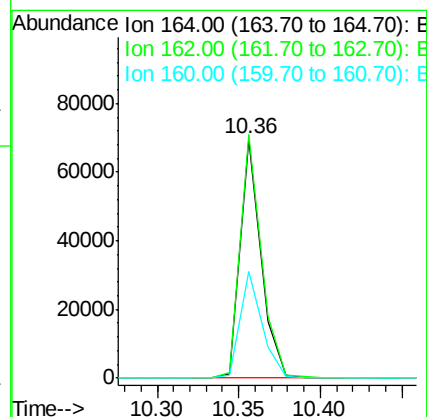
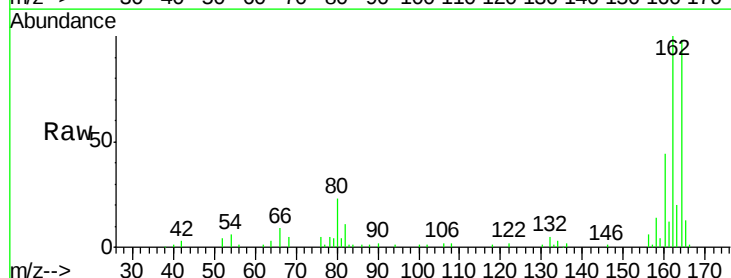
Tgt Ion: 164 Resp: 60593

Ion Ratio Lower Upper

164 100

162 102.1 75.2 112.8

160 44.5 31.5 47.3

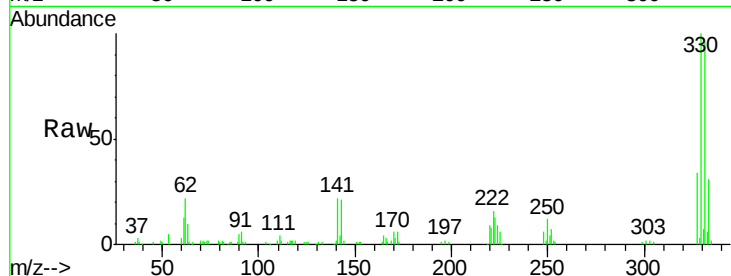




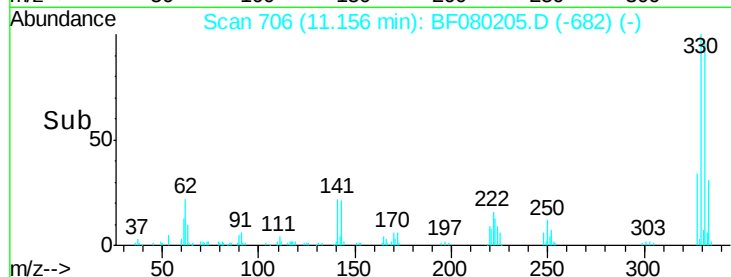
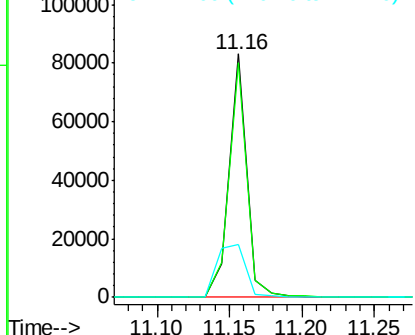
#41
 2,4,6-Tribromophenol
 Concen: 119.22 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080205.D
 Acq: 29 Jun 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84243BL

Tgt Ion:330 Resp: 70637
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 35.3 29.7 44.5

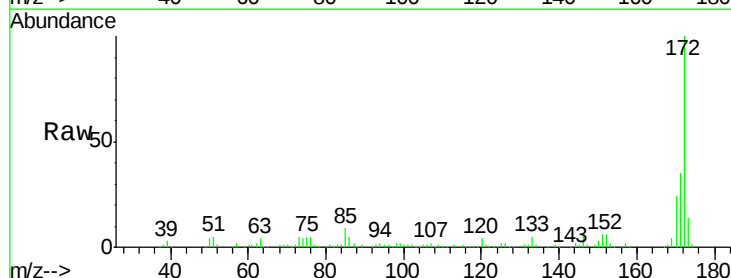


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

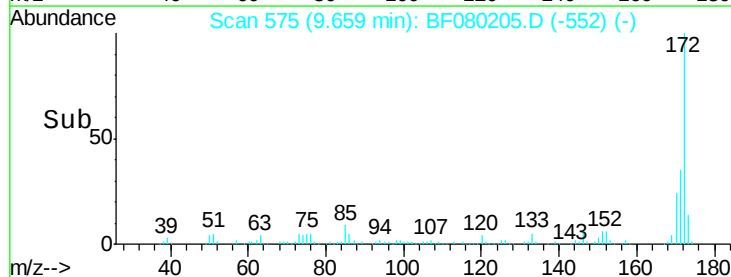
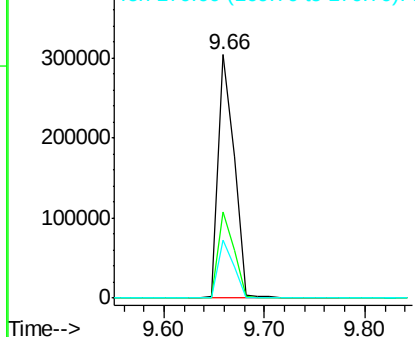


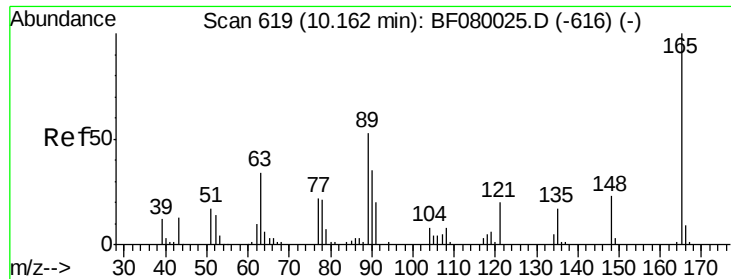
#44
 2-Fluorobiphenyl
 Concen: 79.54 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080205.D
 Acq: 29 Jun 2015 12:37

Tgt Ion:172 Resp: 337938
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.7 17.4 26.2



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

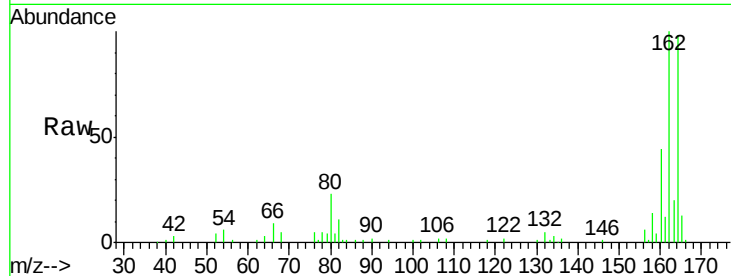




#50
 2,6-Dinitrotoluene
 Concen: 8.24 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.21 min
 Lab File: BF080205.D
 Acq: 29 Jun 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84243BL

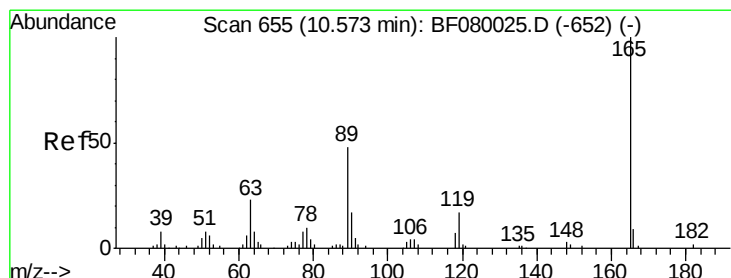
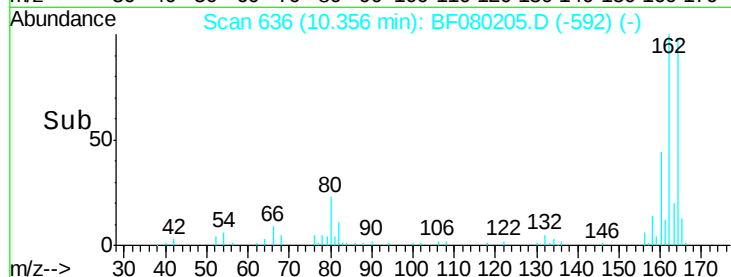
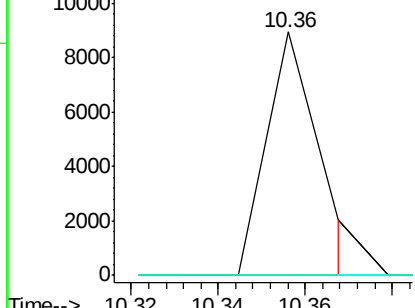
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

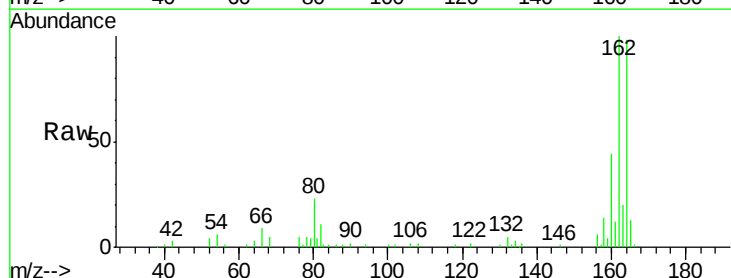
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.50 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.19 min
 Lab File: BF080205.D
 Acq: 29 Jun 2015 12:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

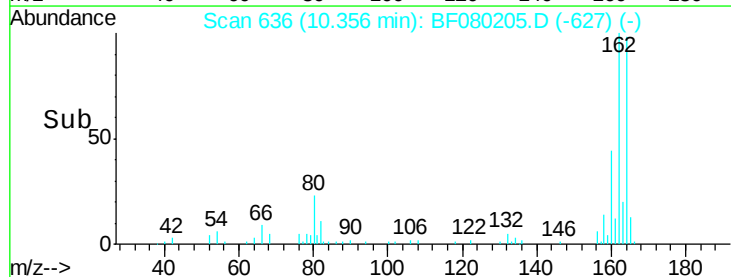
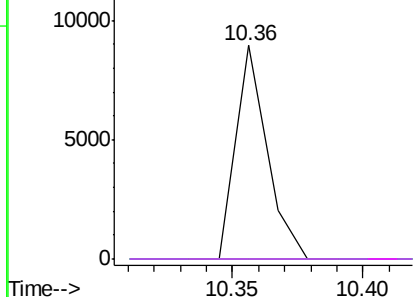


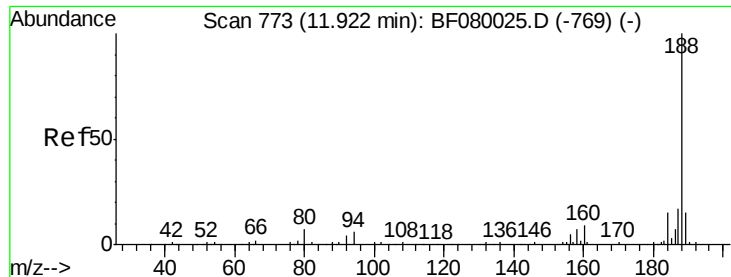
Abundance Ion 165.00 (164.70 to 165.70): E

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

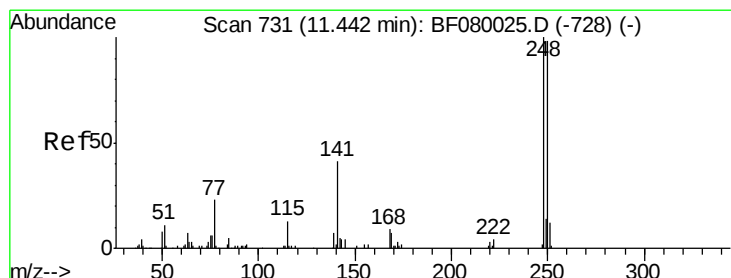
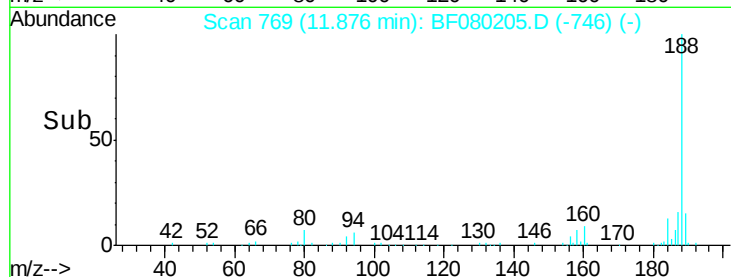
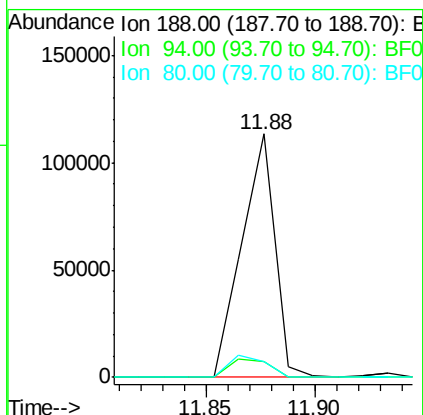
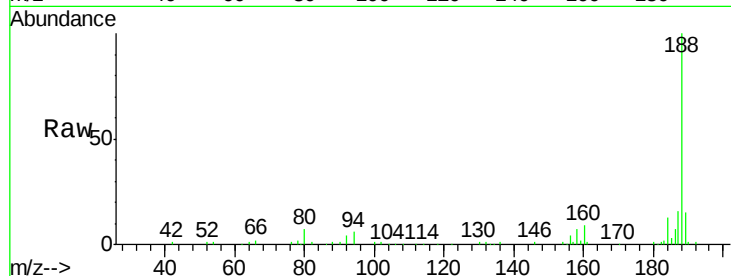




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.88 min Scan# 769
 Delta R.T. -0.03 min
 Lab File: BF080205.D
 Acq: 29 Jun 2015 12:37

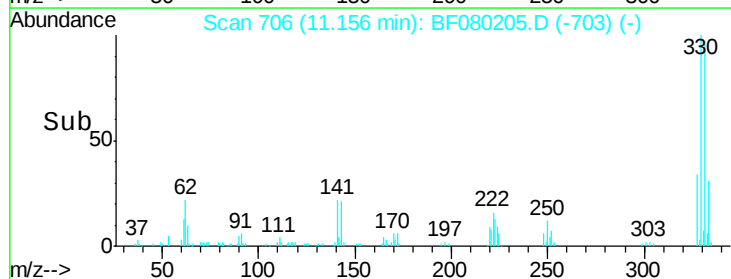
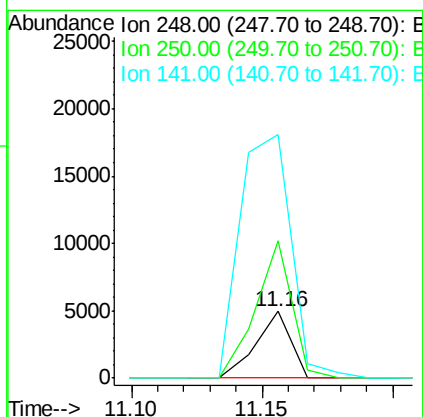
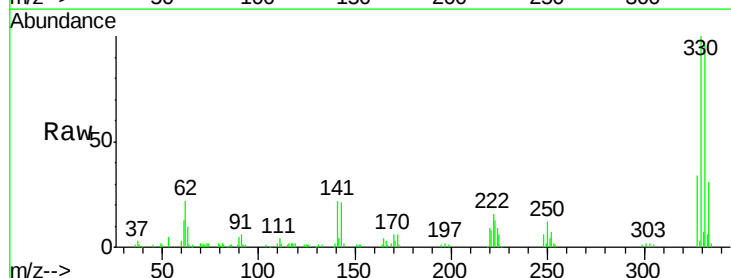
Instrument :
 BNA_F
 ClientSampleId :
 PB84243BL

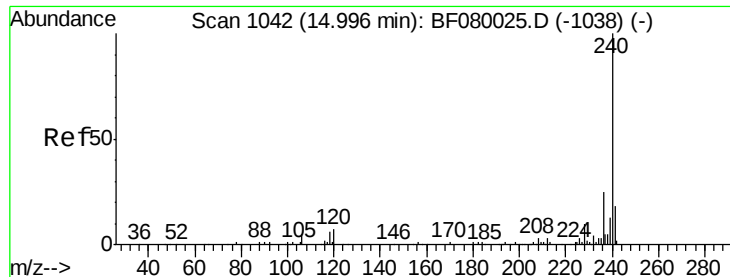
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	11.1	16.7#
80	6.7	11.0	16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 3.59 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.26 min
 Lab File: BF080205.D
 Acq: 29 Jun 2015 12:37

Tgt Ion	Ratio	Lower	Upper
248	100		
250	207.1	78.5	117.7#
141	365.6	59.0	88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.94 min Scan# 1037

Delta R.T. -0.06 min

Lab File: BF080205.D

Acq: 29 Jun 2015 12:37

Instrument :

BNA_F

ClientSampleId :

PB84243BL

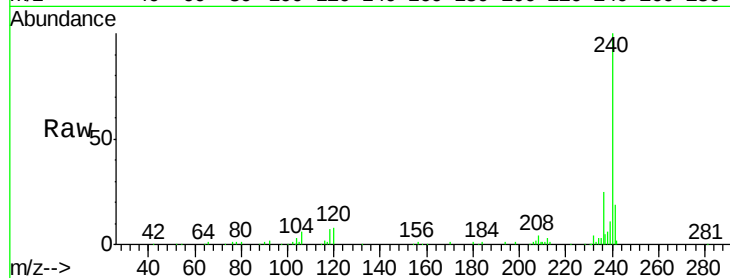
Tgt Ion:240 Resp: 130357

Ion Ratio Lower Upper

240 100

120 8.2 16.2 24.2#

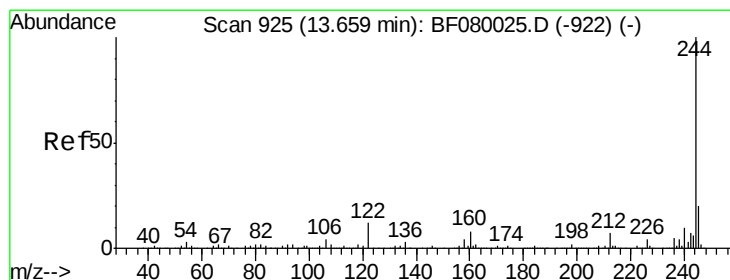
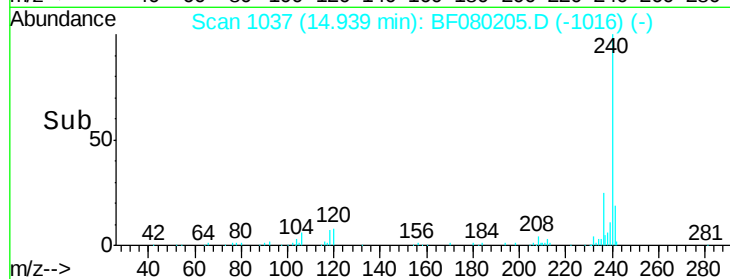
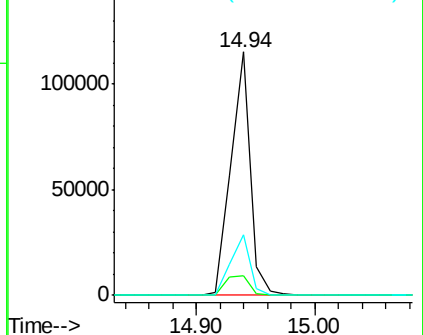
236 25.1 18.4 27.6



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: 78.96 ng

RT: 13.61 min Scan# 921

Delta R.T. -0.06 min

Lab File: BF080205.D

Acq: 29 Jun 2015 12:37

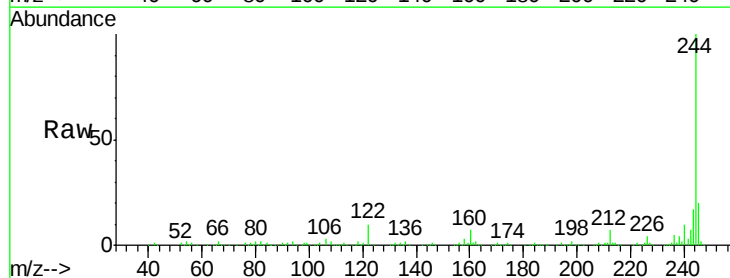
Tgt Ion:244 Resp: 440732

Ion Ratio Lower Upper

244 100

212 6.8 4.3 6.5#

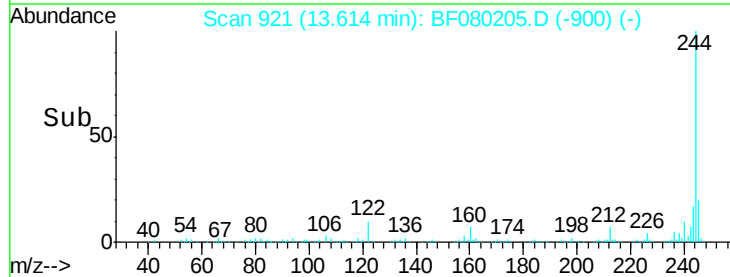
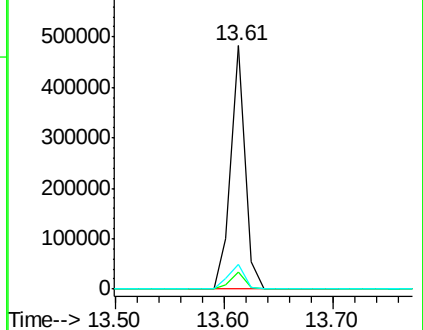
122 10.3 17.4 26.2#

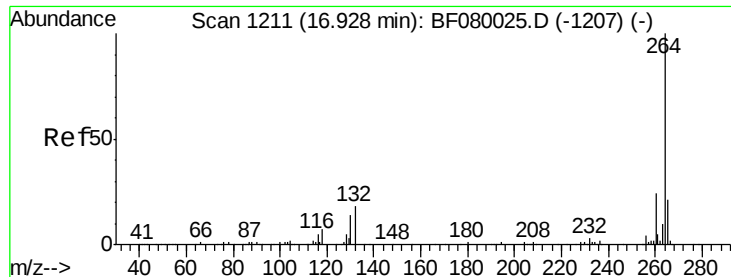


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



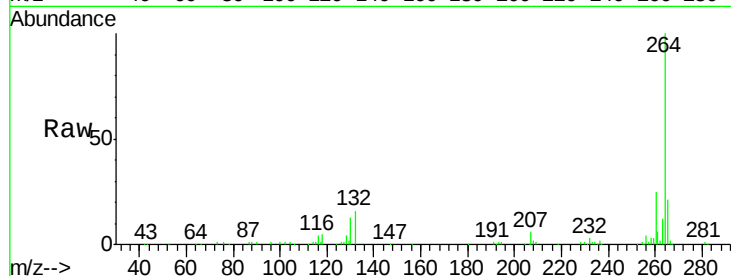


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.87 min Scan# 1206
Delta R.T. -0.06 min
Lab File: BF080205.D
Acq: 29 Jun 2015 12:37

Instrument :
BNA_F
ClientSampleId :
PB84243BL

Tgt Ion: 264 Resp: 127782

Ion	Ratio	Lower	Upper
264	100		
260	24.6	16.7	25.1
265	21.5	17.2	25.8



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

