

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
 Data File : BF080208.D
 Acq On : 29 Jun 2015 16:10
 Operator : TP/IZ
 Sample : PB84267BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84267BL

Quant Time: Jun 30 01:42:55 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

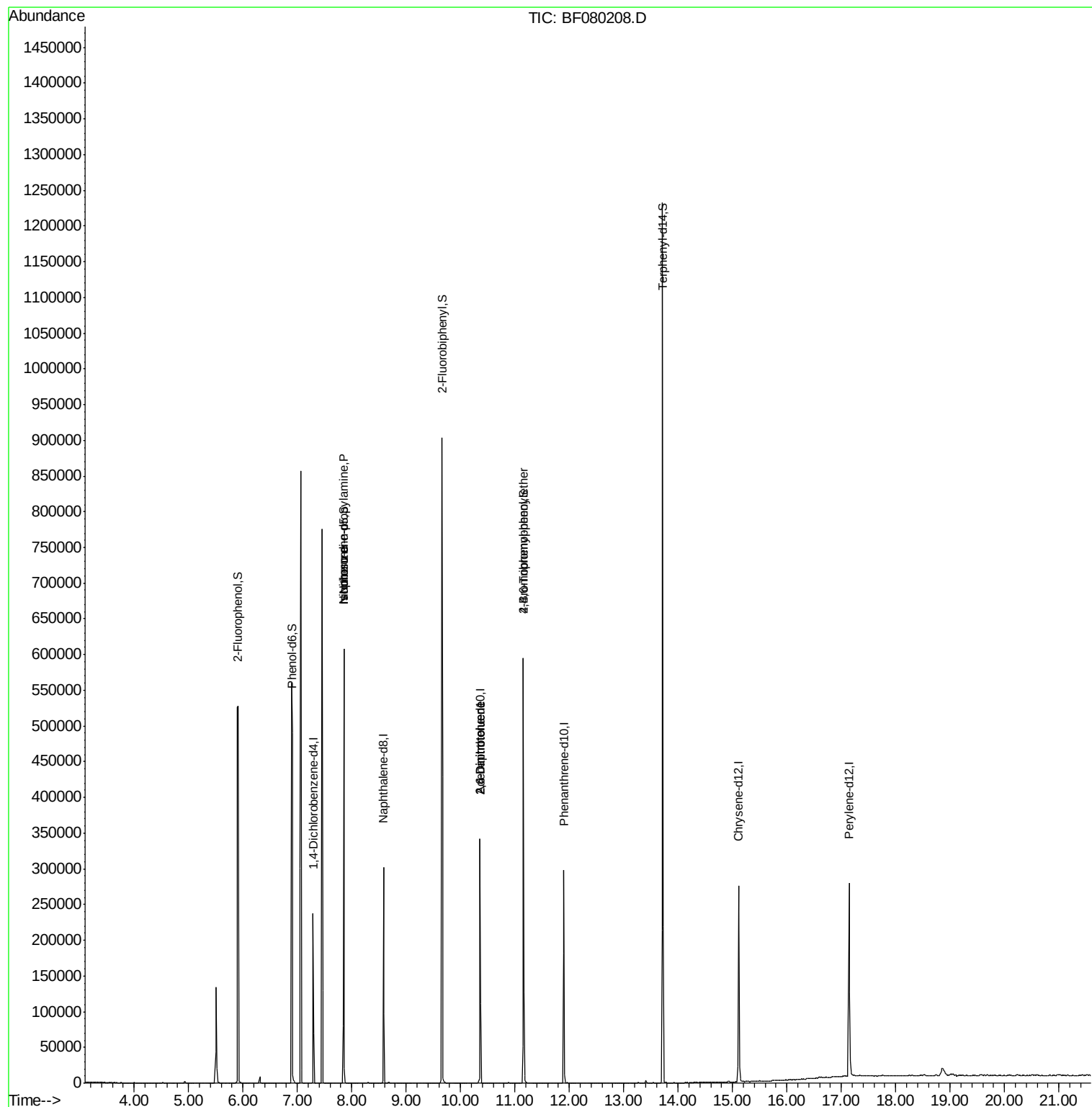
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	36073	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	139437	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	70262	20.00	ng	-0.03
63) Phenanthrene-d10	11.90	188	144162	20.00	ng	-0.01
75) Chrysene-d12	15.11	240	155713	20.00	ng	0.11
86) Perylene-d12	17.15	264	157914	20.00	ng	0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	217514	106.74	ng	-0.02
7) Phenol-d6	6.90	99	277159	102.21	ng	-0.02
23) Nitrobenzene-d5	7.85	82	171612	71.65	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	66481	96.76	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	326932	66.36	ng	-0.03
78) Terphenyl-d14	13.72	244	414143	62.12	ng	0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.85	70	21818	11.59	ng	# 59
25) Isophorone	7.85	82	171637	35.61	ng	# 58
50) 2,6-Dinitrotoluene	10.36	165	8598	8.12	ng	# 37
56) 2,4-Dinitrotoluene	10.36	165	8600	6.40	ng	# 31
66) 4-Bromophenyl-phenylether	11.16	248	4820	3.14	ng	# 1

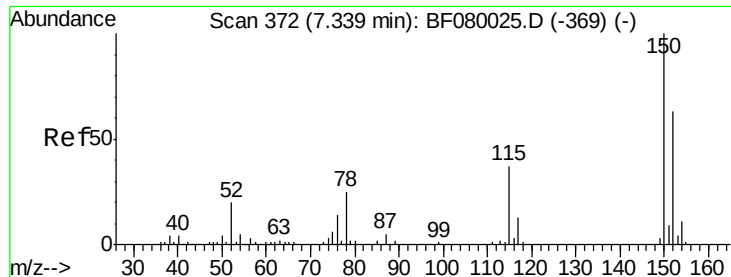
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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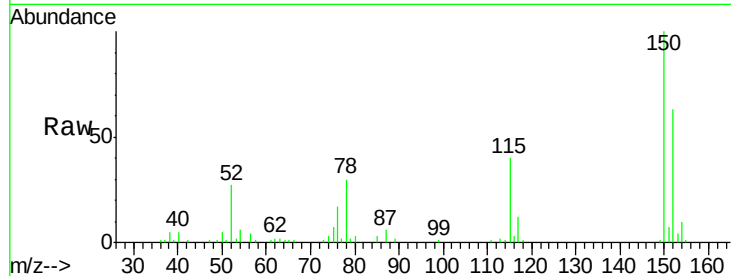




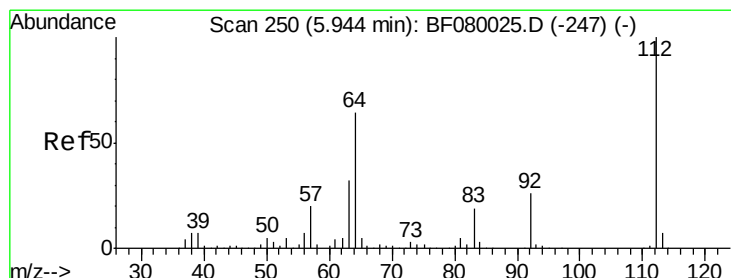
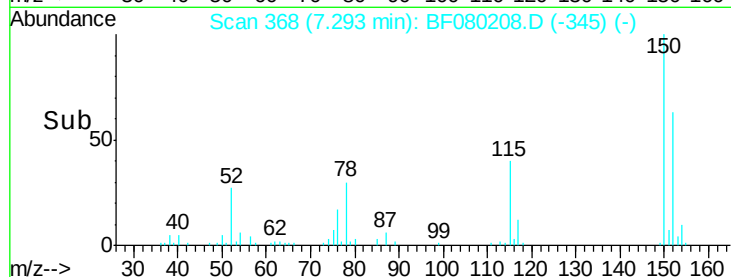
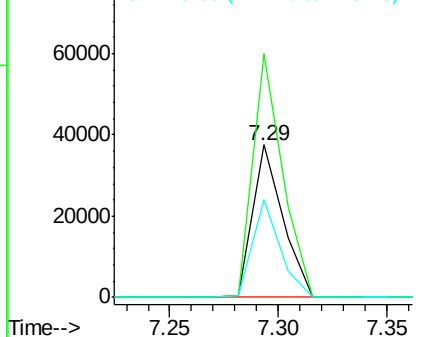
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.29 min Scan# 368
 Delta R.T. -0.03 min
 Lab File: BF080208.D
 Acq: 29 Jun 2015 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB84267BL

Tgt Ion:152 Resp: 36073
 Ion Ratio Lower Upper
 152 100
 150 159.5 124.7 187.1
 115 63.6 39.0 58.4#

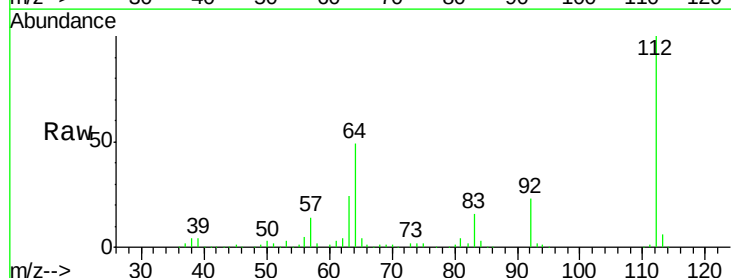


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

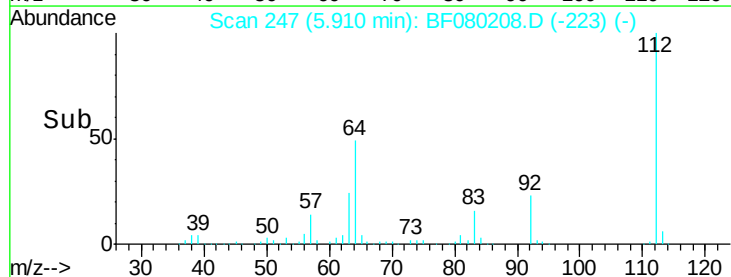
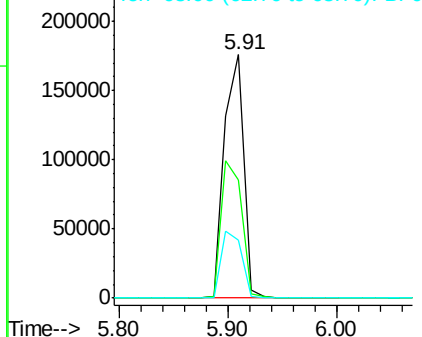


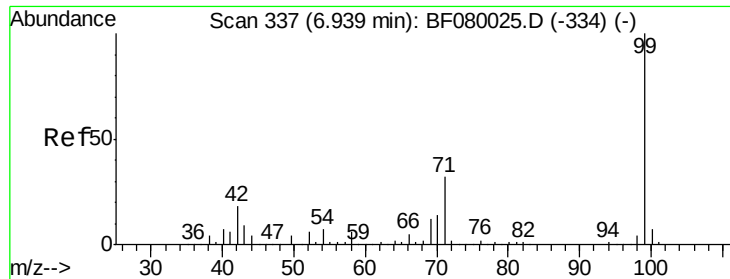
#5
 2-Fluorophenol
 Concen: 106.74 ng
 RT: 5.91 min Scan# 247
 Delta R.T. -0.02 min
 Lab File: BF080208.D
 Acq: 29 Jun 2015 16:10

Tgt Ion:112 Resp: 217514
 Ion Ratio Lower Upper
 112 100
 64 48.5 39.7 59.5
 63 24.0 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: 102.21 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF080208.D

Acq: 29 Jun 2015 16:10

Instrument :

BNA_F

ClientSampleId :

PB84267BL

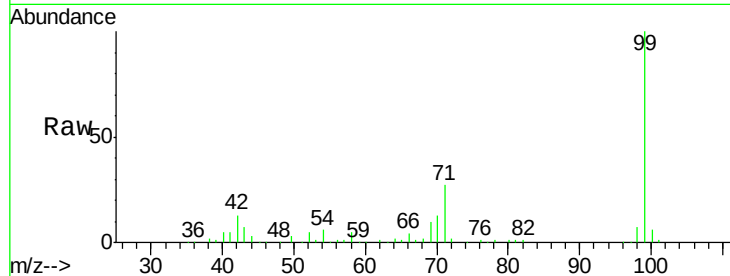
Tgt Ion: 99 Resp: 277159

Ion Ratio Lower Upper

99 100

42 13.1 13.7 20.5#

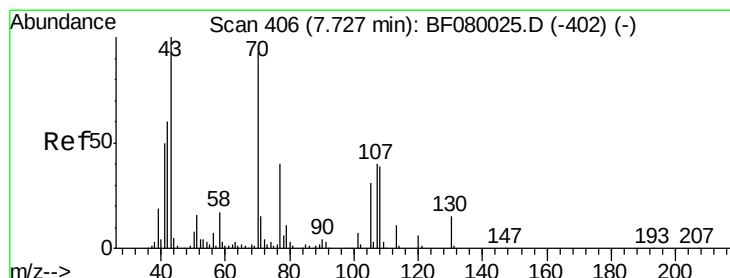
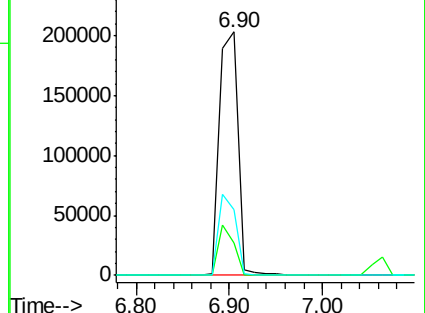
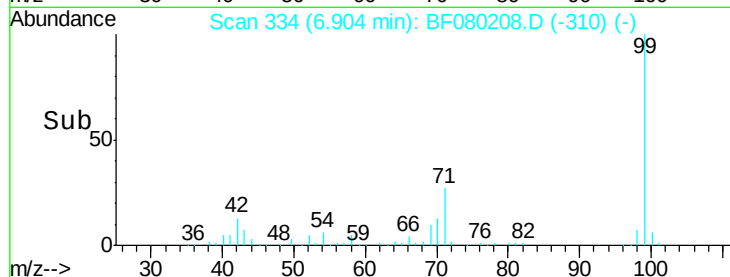
71 26.8 14.2 21.2#



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: 11.59 ng

RT: 7.85 min Scan# 417

Delta R.T. 0.14 min

Lab File: BF080208.D

Acq: 29 Jun 2015 16:10

Tgt Ion: 70 Resp: 21818

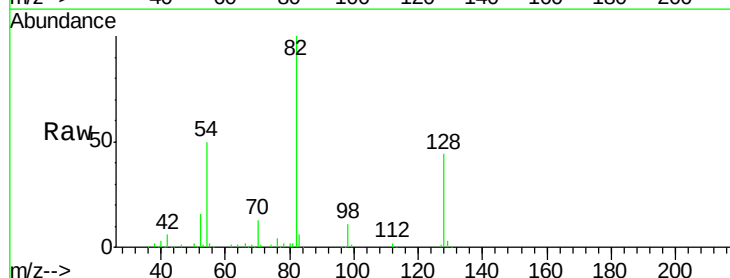
Ion Ratio Lower Upper

70 100

42 48.7 63.8 95.6#

101 0.0 9.2 13.8#

130 1.3 27.3 40.9#

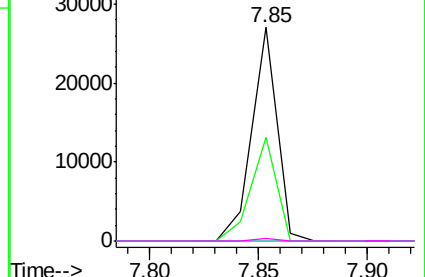
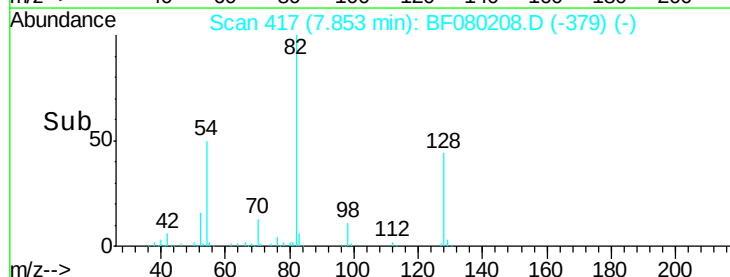


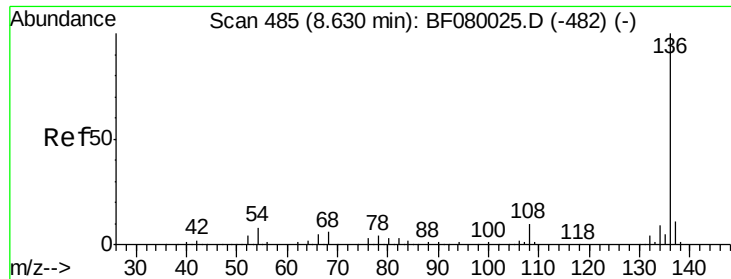
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

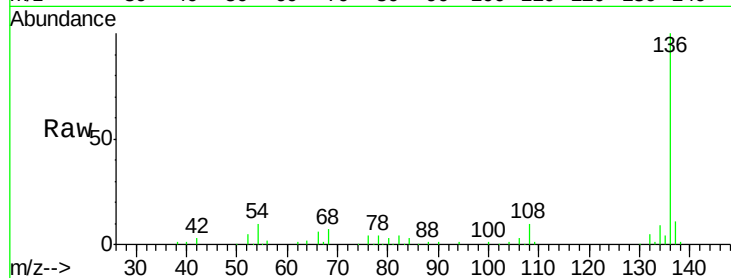




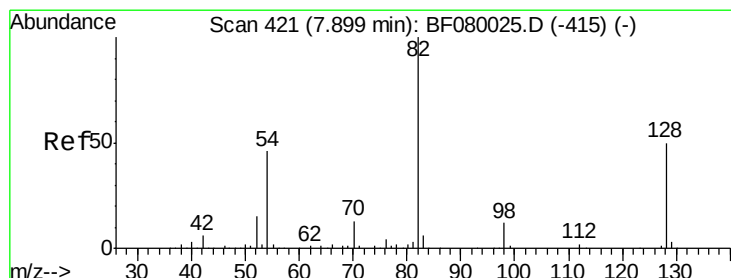
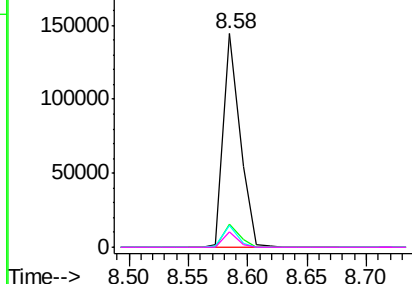
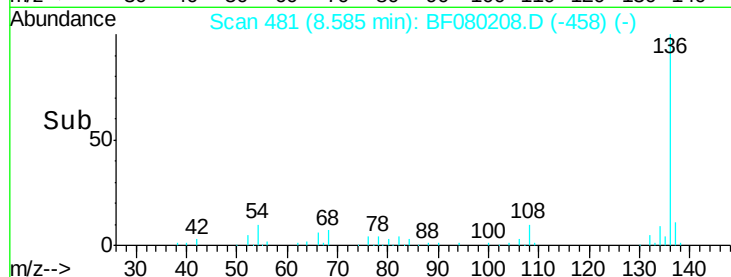
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080208.D
Acq: 29 Jun 2015 16:10

Instrument :
BNA_F
ClientSampleId :
PB84267BL

Tgt Ion:	136	Resp:	139437
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	10.3	8.2	12.2
68	7.0	5.8	8.6

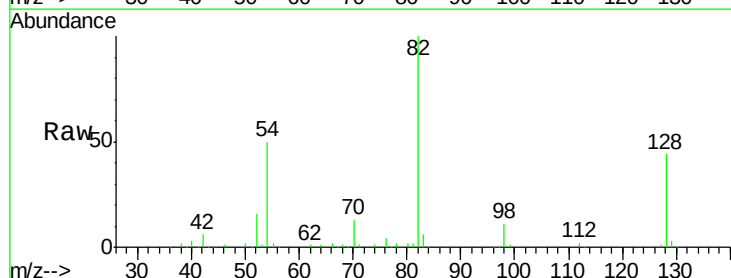


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

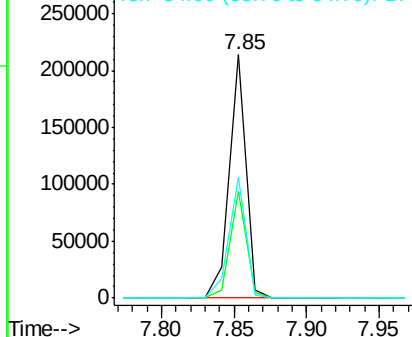
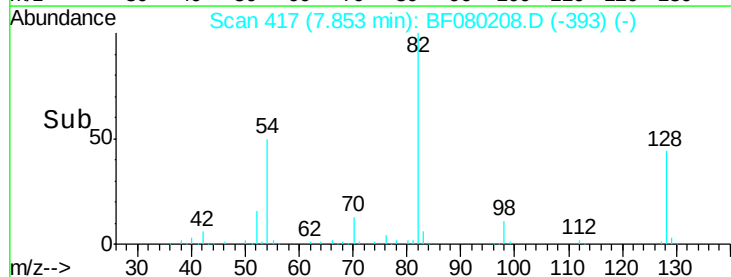


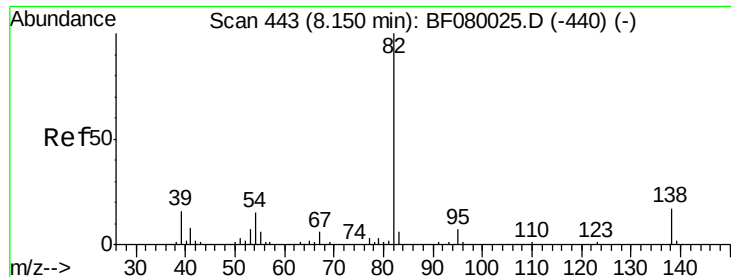
#23
Nitrobenzene-d5
Concen: 71.65 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF080208.D
Acq: 29 Jun 2015 16:10

Tgt Ion:	82	Resp:	171612
Ion	Ratio	Lower	Upper
82	100		
128	43.7	51.0	76.6#
54	49.9	47.5	71.3



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: 35.61 ng

RT: 7.85 min Scan# 417

Delta R.T. -0.29 min

Lab File: BF080208.D

Acq: 29 Jun 2015 16:10

Instrument :

BNA_F

ClientSampled :

PB84267BL

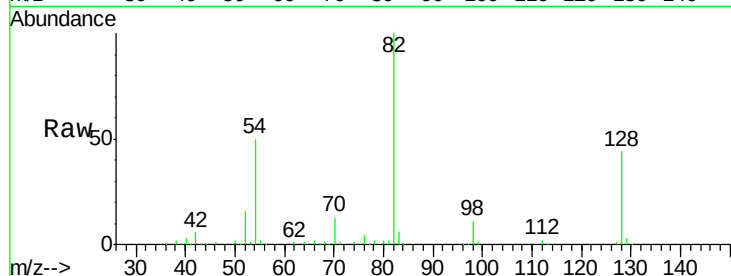
Tgt Ion: 82 Resp: 171637

Ion Ratio Lower Upper

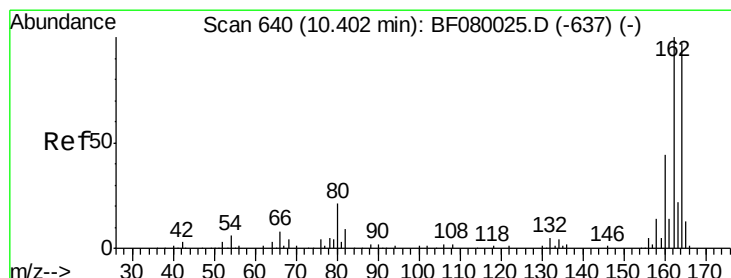
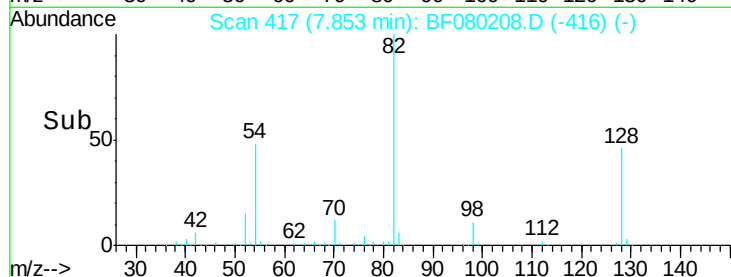
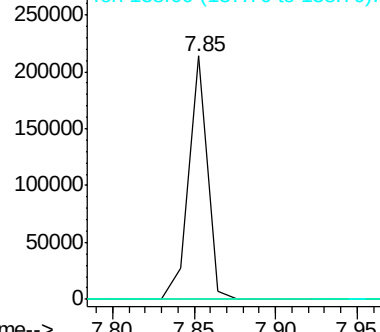
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF080208.D

Acq: 29 Jun 2015 16:10

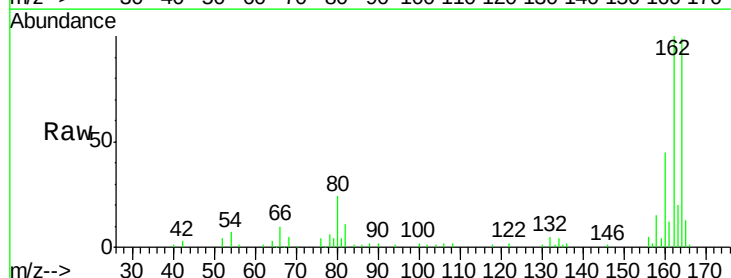
Tgt Ion: 164 Resp: 70262

Ion Ratio Lower Upper

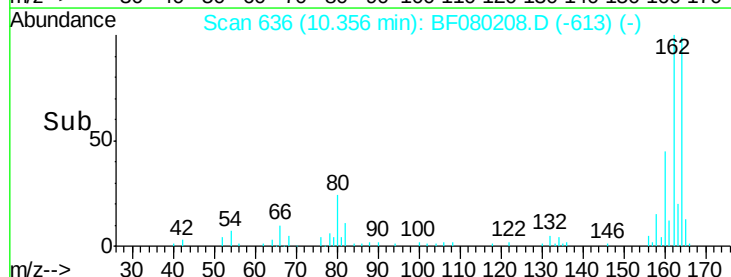
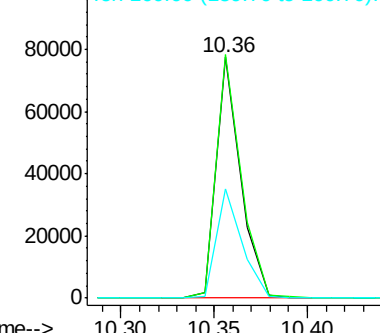
164 100

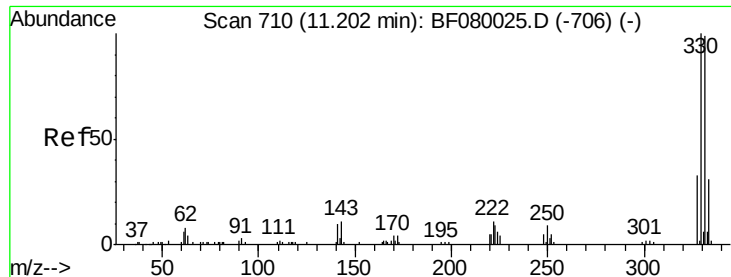
162 101.2 75.2 112.8

160 45.2 31.5 47.3



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

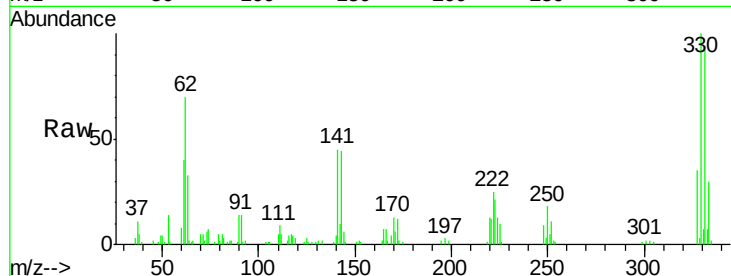




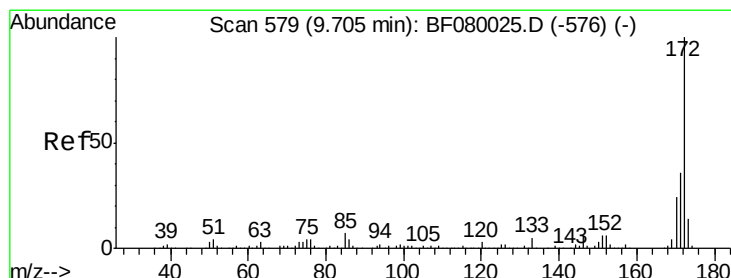
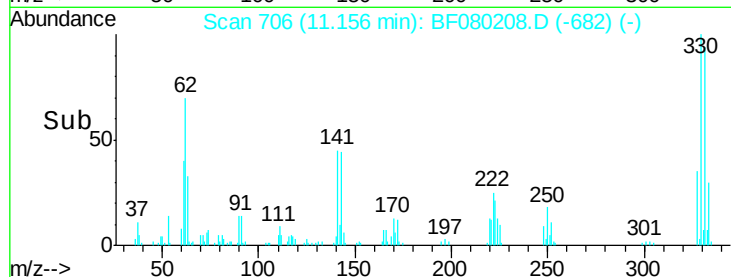
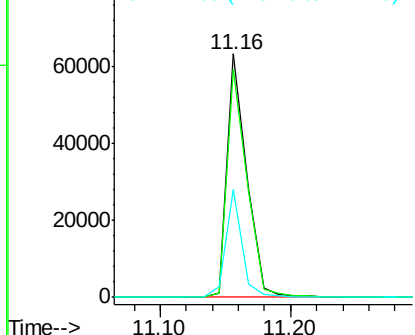
#41
 2,4,6-Tribromophenol
 Concen: 96.76 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080208.D
 Acq: 29 Jun 2015 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB84267BL

Tgt Ion:330 Resp: 66481
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 36.8 29.7 44.5

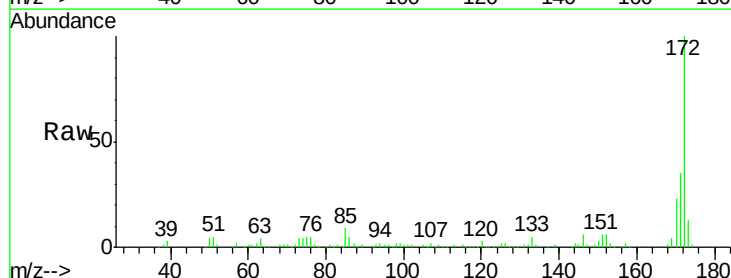


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

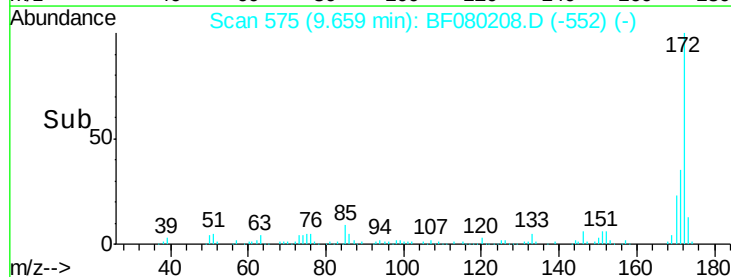
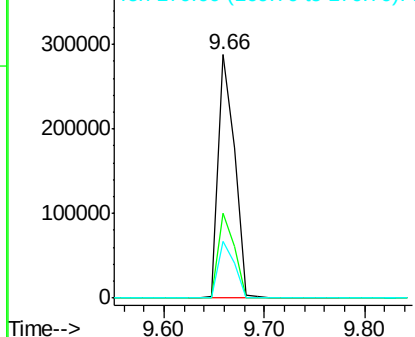


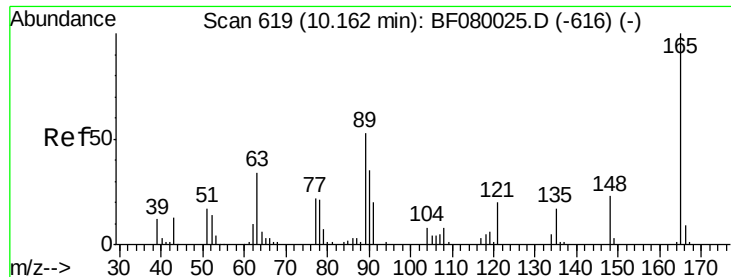
#44
 2-Fluorobiphenyl
 Concen: 66.36 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080208.D
 Acq: 29 Jun 2015 16:10

Tgt Ion:172 Resp: 326932
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.1 39.1
 170 23.4 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

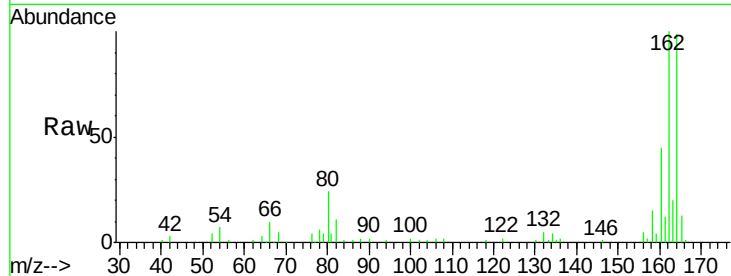




#50
 2,6-Dinitrotoluene
 Concen: 8.12 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.21 min
 Lab File: BF080208.D
 Acq: 29 Jun 2015 16:10

Instrument :
 BNA_F
 ClientSampled :
 PB84267BL

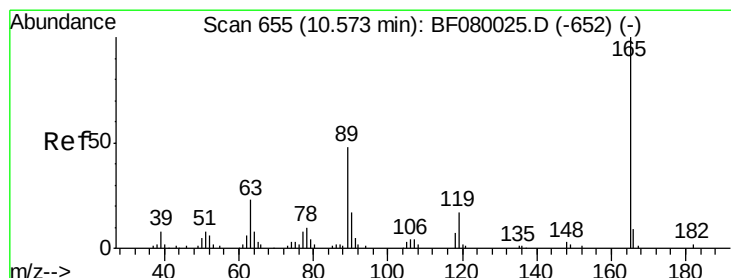
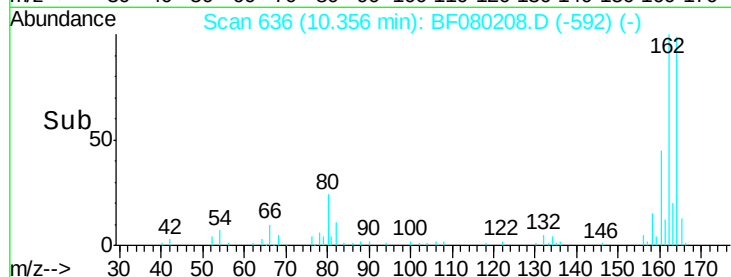
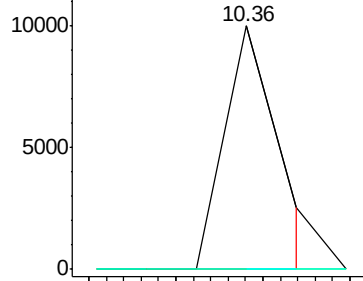
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

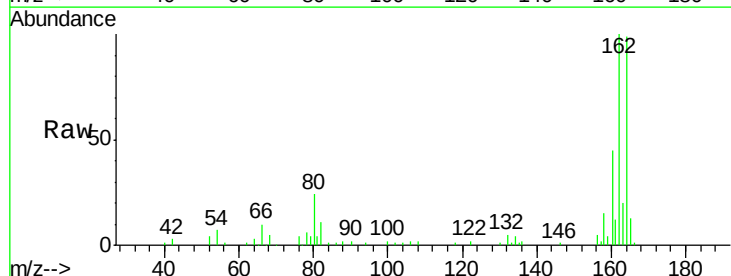
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.40 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.19 min
 Lab File: BF080208.D
 Acq: 29 Jun 2015 16:10

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#

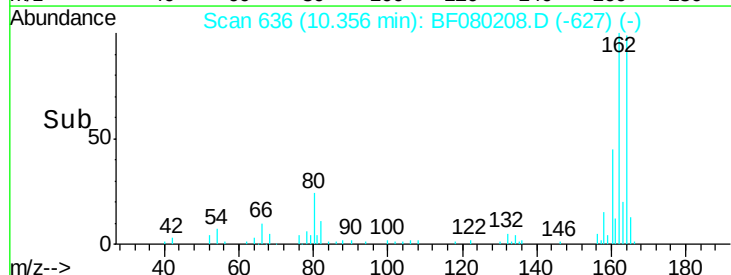
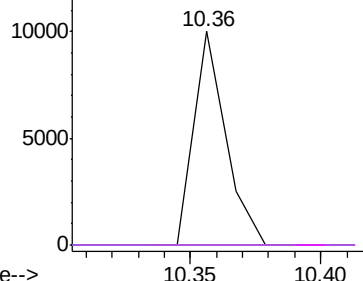


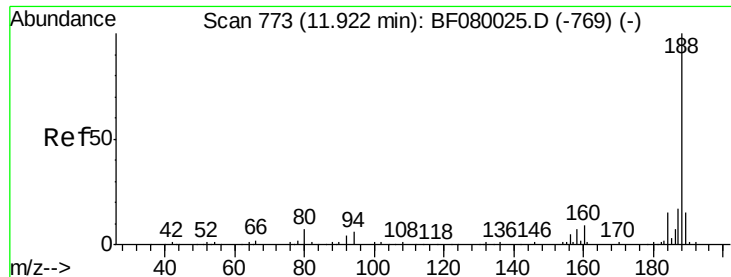
Abundance Ion 165.00 (164.70 to 165.70): E

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

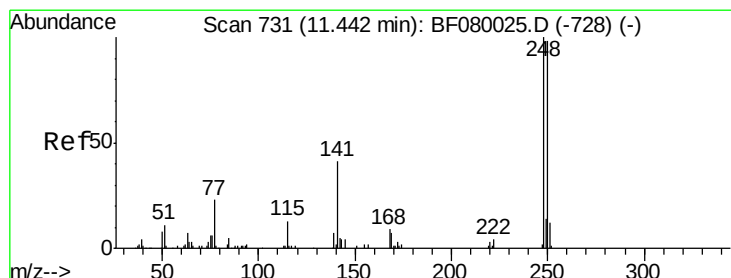
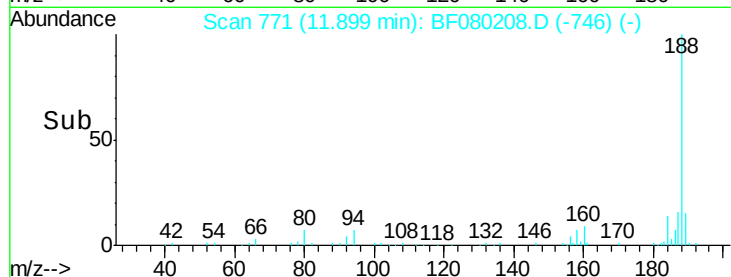
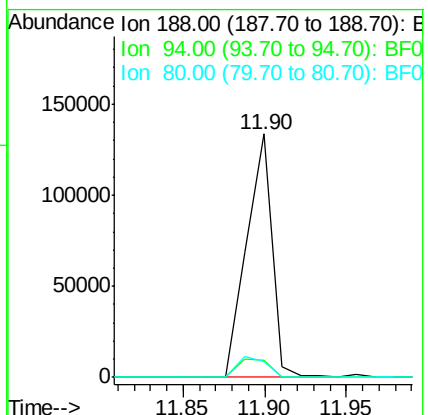
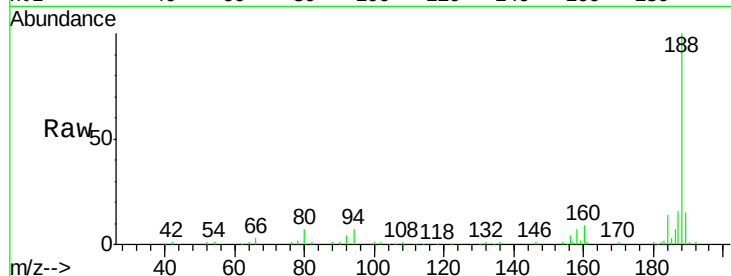




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF080208.D
 Acq: 29 Jun 2015 16:10

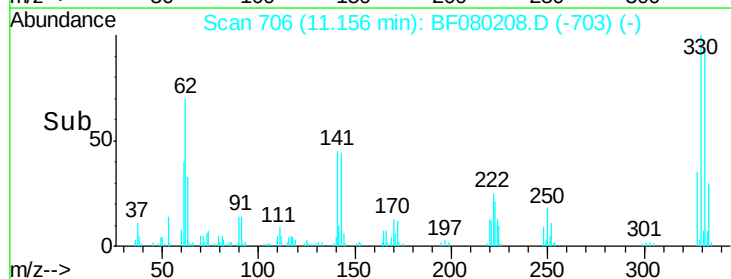
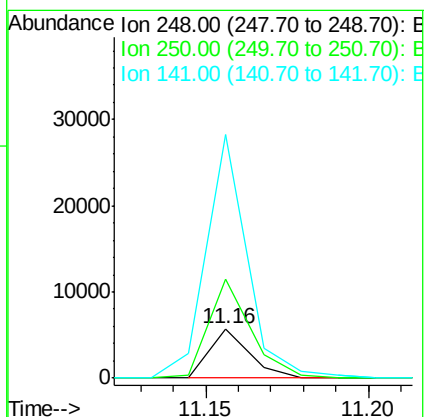
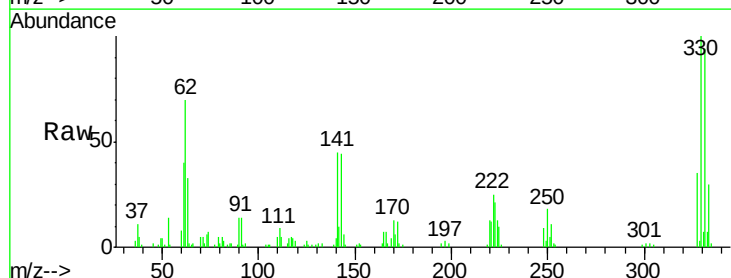
Instrument :
 BNA_F
 ClientSampleId :
 PB84267BL

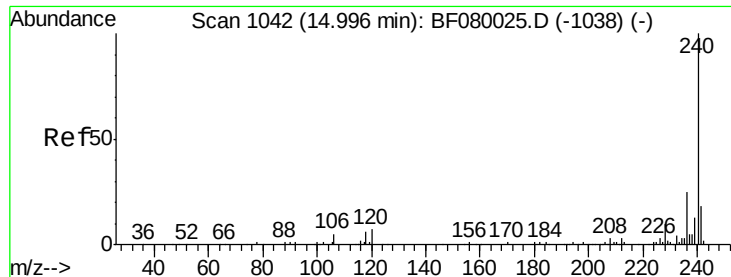
Tgt Ion:188 Resp: 144162
 Ion Ratio Lower Upper
 188 100
 94 6.8 11.1 16.7#
 80 6.7 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 3.14 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.26 min
 Lab File: BF080208.D
 Acq: 29 Jun 2015 16:10

Tgt Ion:248 Resp: 4820
 Ion Ratio Lower Upper
 248 100
 250 198.6 78.5 117.7#
 141 490.0 59.0 88.6#

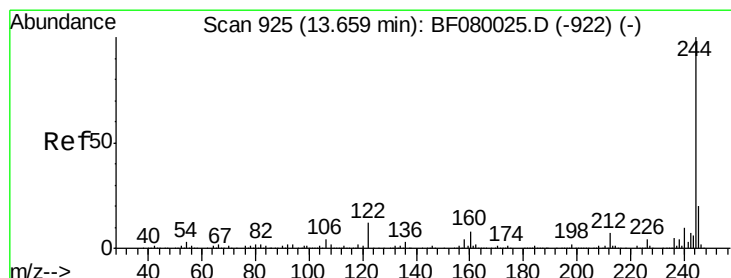
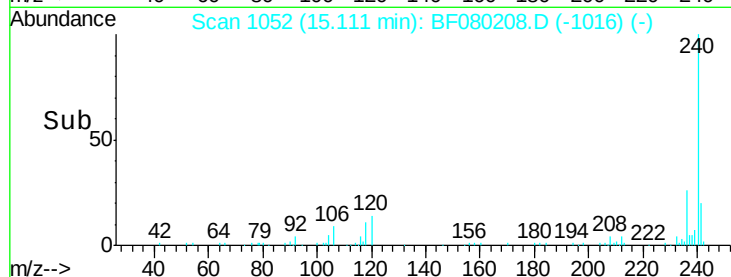
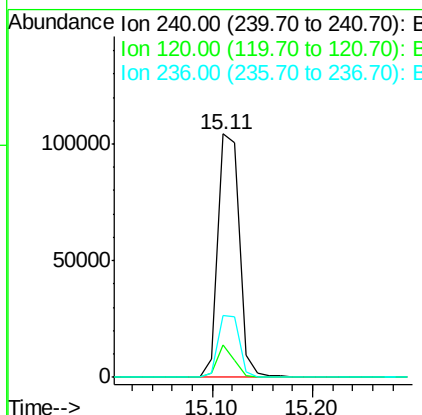
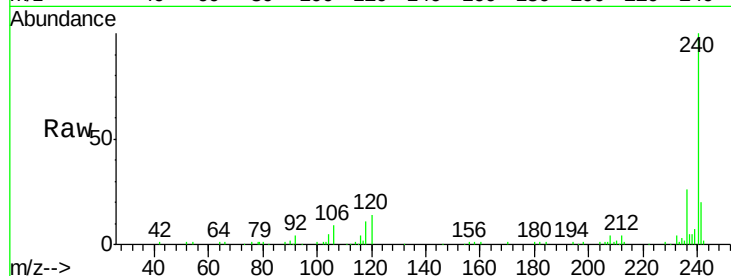




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1052
 Delta R.T. 0.11 min
 Lab File: BF080208.D
 Acq: 29 Jun 2015 16:10

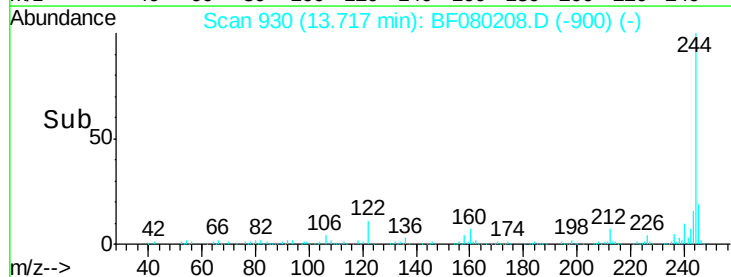
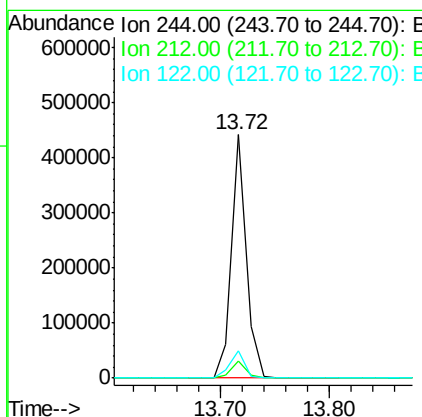
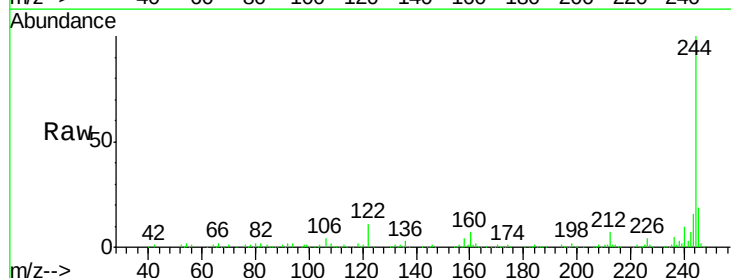
Instrument :
 BNA_F
 ClientSampleId :
 PB84267BL

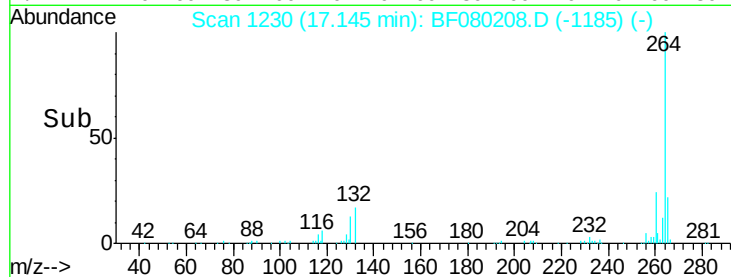
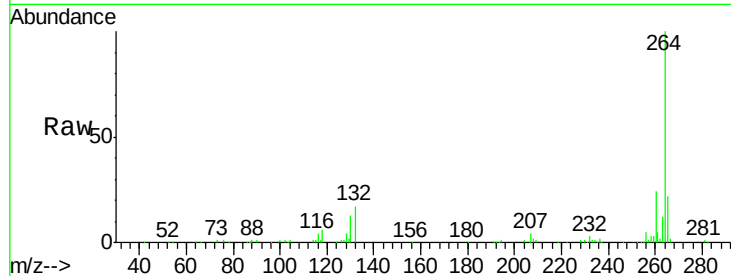
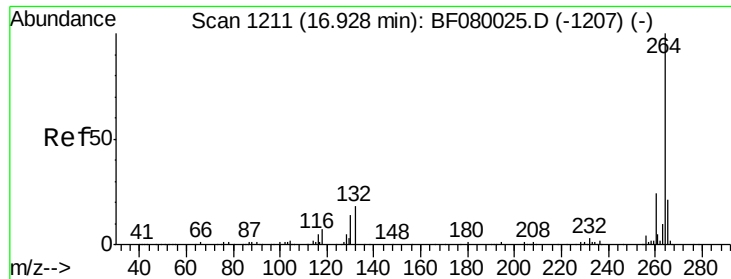
Tgt Ion:240 Resp: 155713
 Ion Ratio Lower Upper
 240 100
 120 13.5 16.2 24.2#
 236 25.5 18.4 27.6



#78
 Terphenyl-d14
 Concen: 62.12 ng
 RT: 13.72 min Scan# 930
 Delta R.T. 0.05 min
 Lab File: BF080208.D
 Acq: 29 Jun 2015 16:10

Tgt Ion:244 Resp: 414143
 Ion Ratio Lower Upper
 244 100
 212 6.9 4.3 6.5#
 122 11.4 17.4 26.2#





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.15 min Scan# 1230

Delta R.T. 0.22 min

Lab File: BF080208.D

Acq: 29 Jun 2015 16:10

Instrument :

BNA_F

ClientSampleId :

PB84267BL

Tgt Ion:264 Resp: 157914

Ion Ratio Lower Upper

264 100

260 23.7 16.7 25.1

265 21.7 17.2 25.8

