

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062615\NEW FOLDER\BF062615\
 Data File : BF080195.D
 Acq On : 26 Jun 2015 18:00
 Operator : TP/IZ
 Sample : G2785-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 29 09:31:45 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

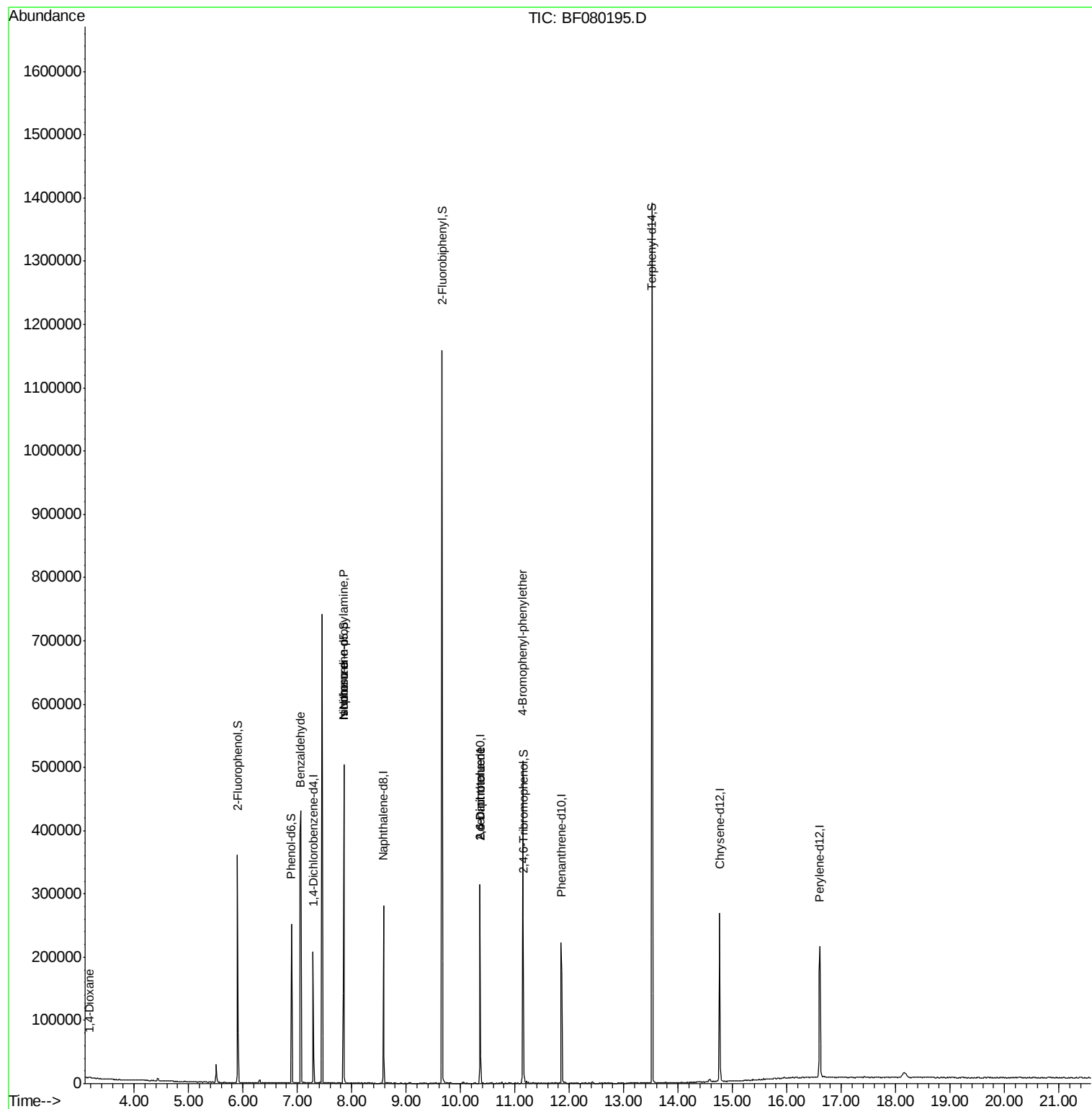
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	28902	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	114911	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	59493	20.00	ng	-0.03
63) Phenanthrene-d10	11.85	188	116474	20.00	ng	-0.06
75) Chrysene-d12	14.77	240	132355	20.00	ng	-0.23
86) Perylene-d12	16.61	264	131063	20.00	ng	-0.32
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	92689	56.77	ng	-0.03
7) Phenol-d6	6.89	99	77364	35.61	ng	-0.03
23) Nitrobenzene-d5	7.85	82	156870	79.47	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	64855	111.48	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	334532	80.19	ng	-0.03
78) Terphenyl-d14	13.52	244	434508	76.67	ng	-0.15
Target Compounds						
2) 1,4-Dioxane	3.18	88	1582	2.04	ng	# 68
9) Benzaldehyde	7.05	77	3605	2.87	ng	# 58
19) n-Nitroso-di-n-propylamine	7.85	70	19642	13.02	ng	# 57
25) Isophorone	7.85	82	156862	39.49	ng	# 58
50) 2,6-Dinitrotoluene	10.36	165	7659	8.54	ng	# 37
56) 2,4-Dinitrotoluene	10.36	165	7660	6.73	ng	# 31
66) 4-Bromophenyl-phenylether	11.14	248	4412	3.56	ng	# 1

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

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061715.M
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QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF080195.D

Acq: 26 Jun 2015 18:00

Instrument :

BNA_F

ClientSampleId :

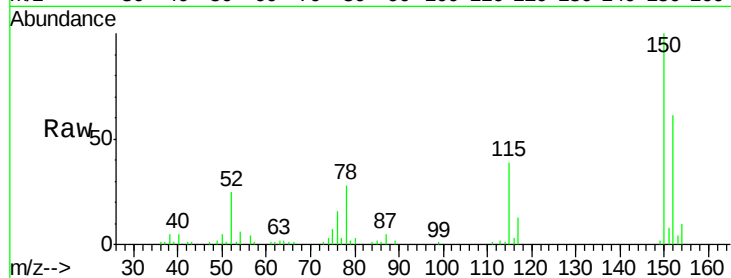
Tot Ion:152 Resp: 28902

Ion Ratio Lower Upper

152 100

150 162.7 124.7 187.1

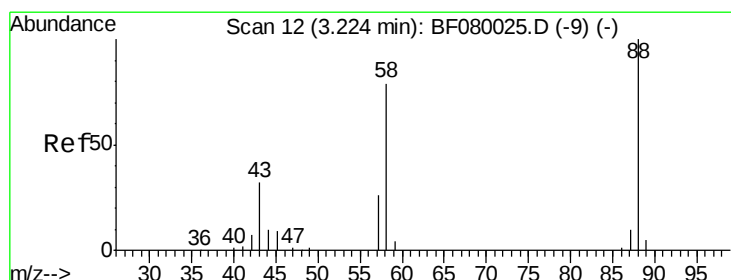
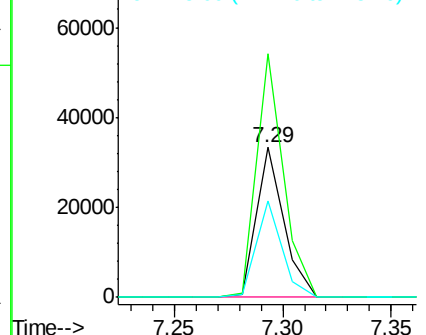
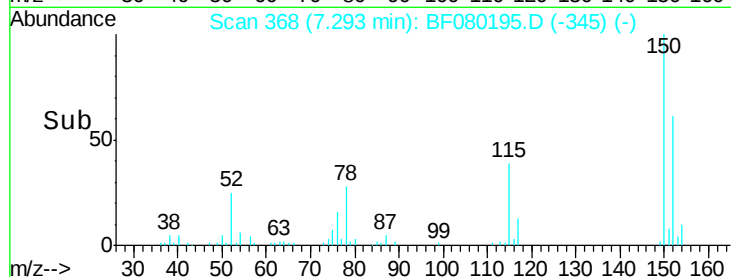
115 64.0 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 2.04 ng

RT: 3.18 min Scan# 8

Delta R.T. -0.01 min

Lab File: BF080195.D

Acq: 26 Jun 2015 18:00

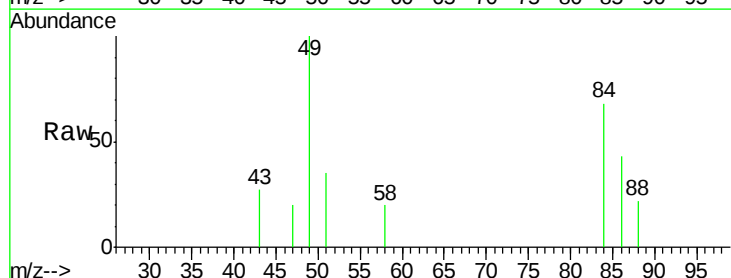
Tgt Ion: 88 Resp: 1582

Ion Ratio Lower Upper

88 100

58 80.4 77.7 116.5

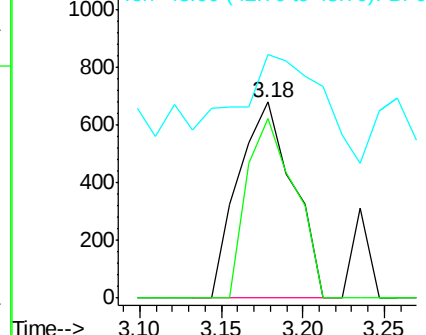
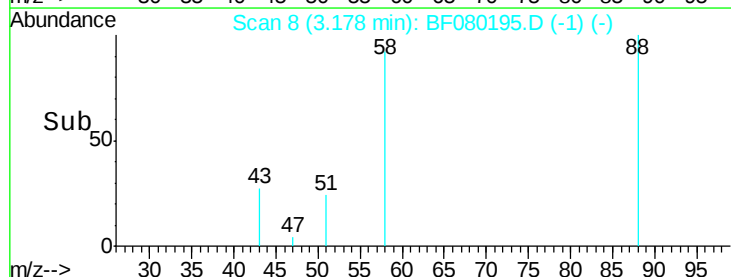
43 77.1 26.6 40.0#

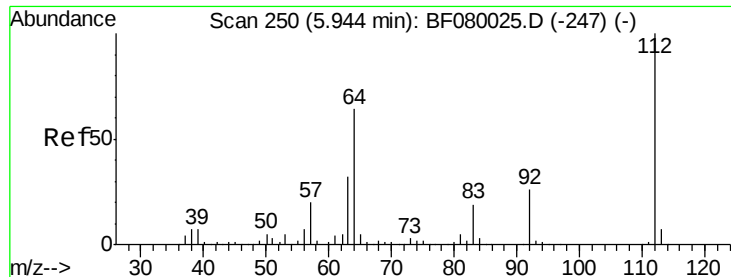


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 56.77 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080195.D

Acq: 26 Jun 2015 18:00

Instrument :

BNA_F

ClientSampled :

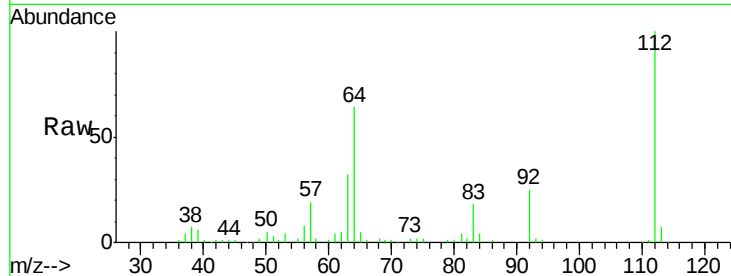
Tot Ion: 112 Resp: 92689

Ion Ratio Lower Upper

112 100

64 63.7 39.7 59.5#

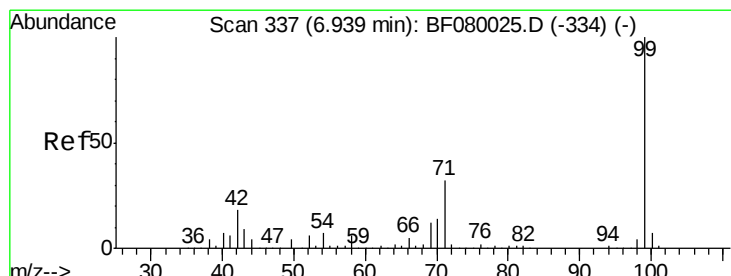
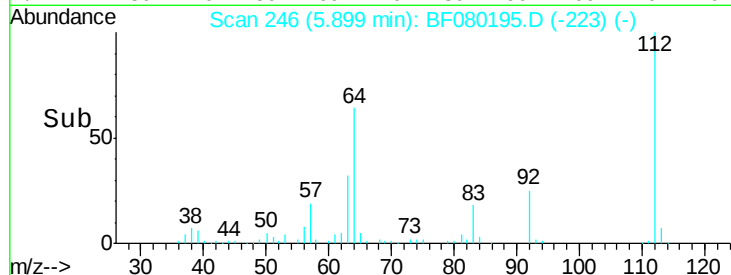
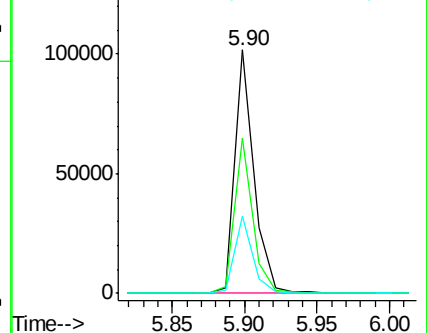
63 31.7 17.4 26.0#



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: 35.61 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080195.D

Acq: 26 Jun 2015 18:00

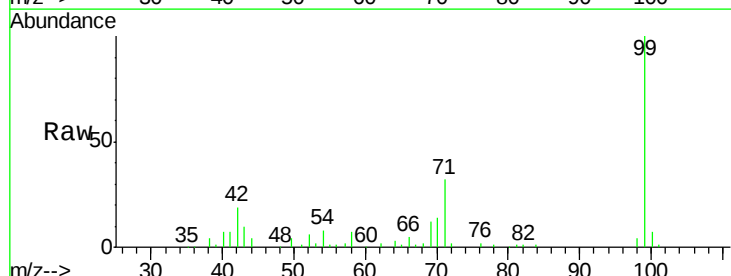
Tgt Ion: 99 Resp: 77364

Ion Ratio Lower Upper

99 100

42 18.6 13.7 20.5

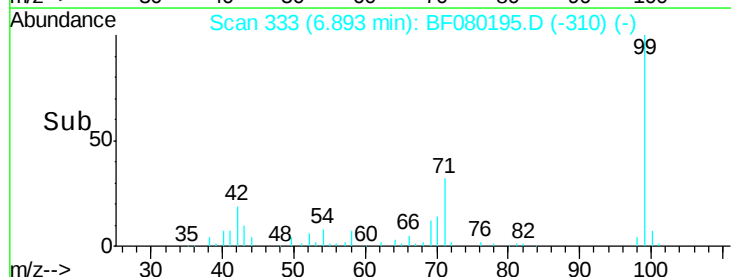
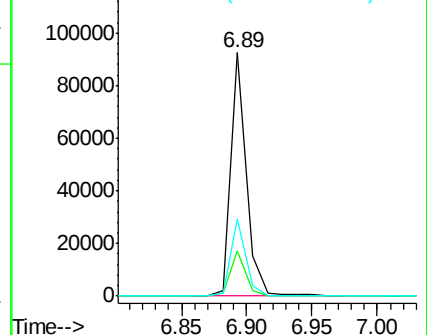
71 31.7 14.2 21.2#

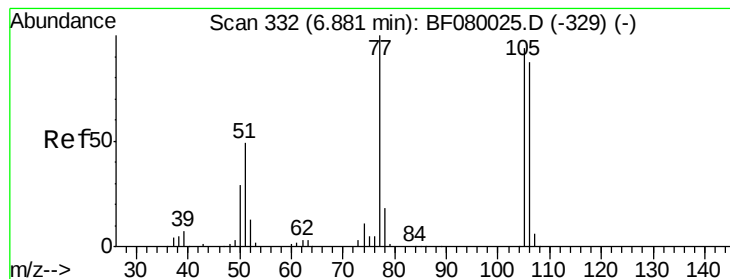


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyd

Concen: 2.87 ng

RT: 7.05 min Scan# 347

Delta R.T. 0.18 min

Lab File: BF080195.D

Acq: 26 Jun 2015 18:00

Instrument :

BNA_F

ClientSampled :

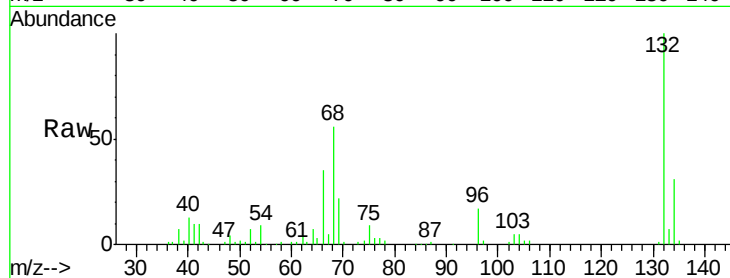
Tot Ion: 77 Resp: 3605

Ion Ratio Lower Upper

77 100

105 77.4 91.6 131.6#

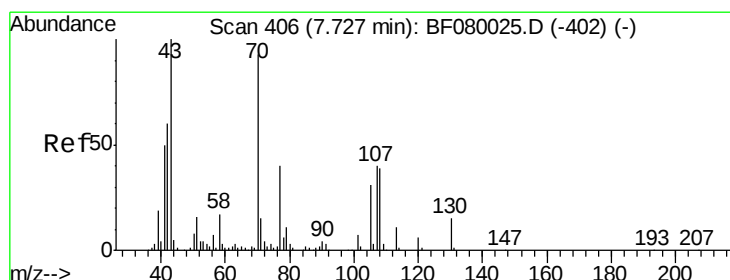
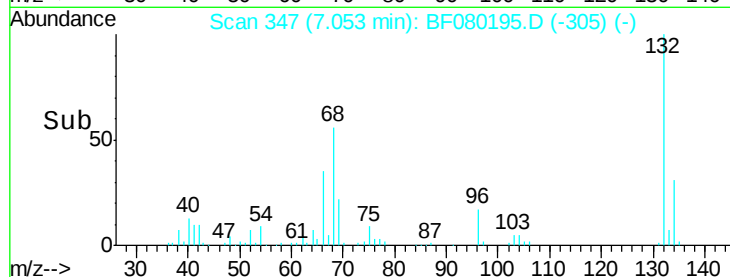
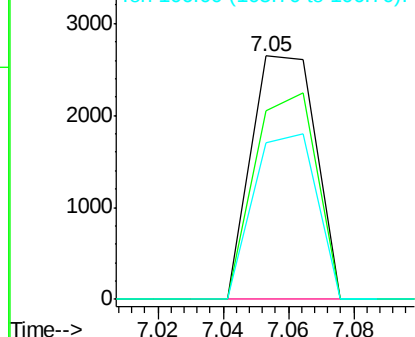
106 64.4 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 13.02 ng

RT: 7.85 min Scan# 417

Delta R.T. 0.14 min

Lab File: BF080195.D

Acq: 26 Jun 2015 18:00

Tgt Ion: 70 Resp: 19642

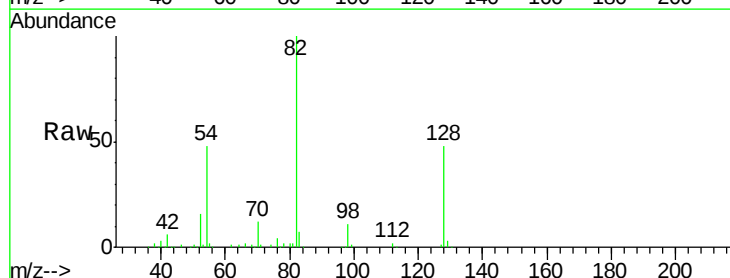
Ion Ratio Lower Upper

70 100

42 45.7 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

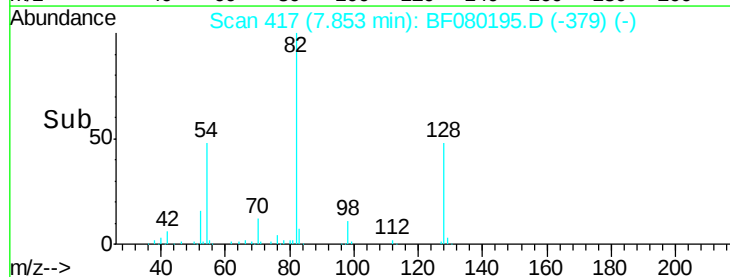
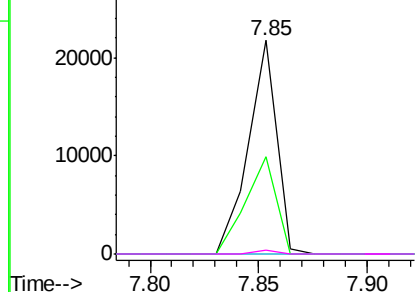


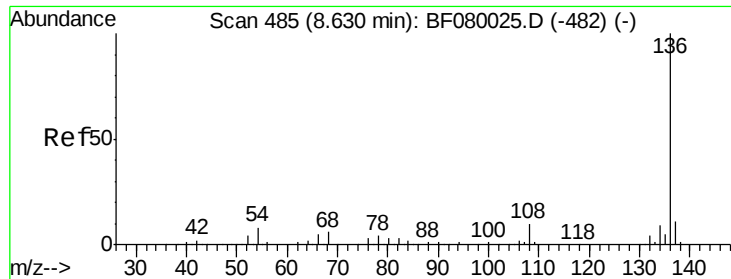
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

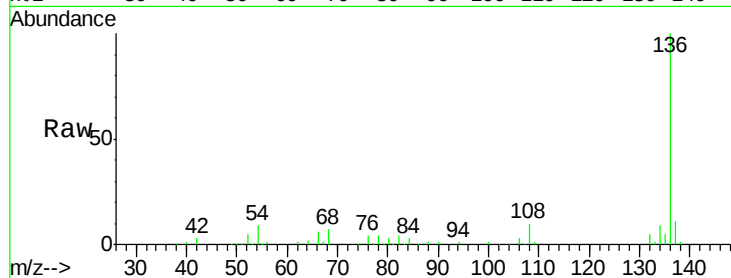




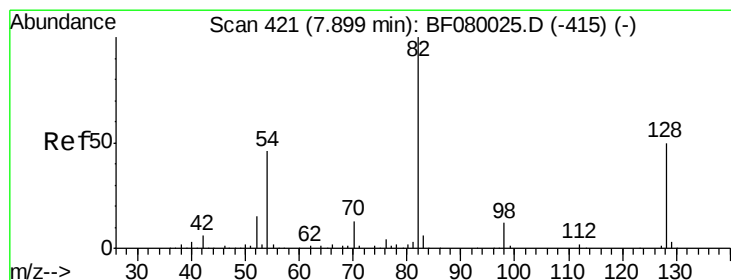
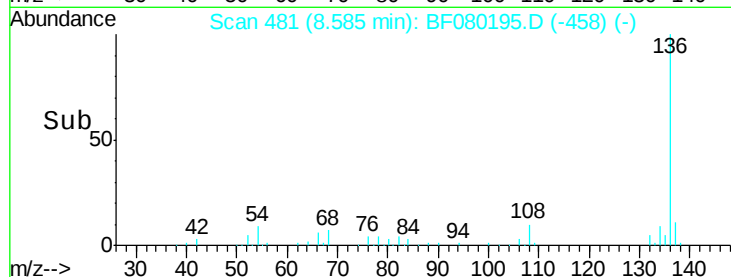
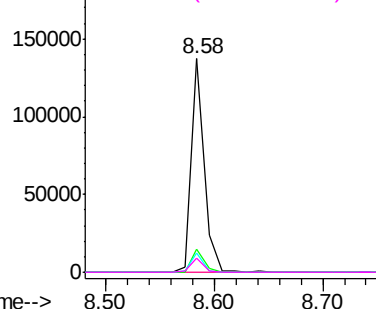
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080195.D
Acq: 26 Jun 2015 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	114911
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.0 13.6
54	9.1	8.2 12.2
68	6.8	5.8 8.6

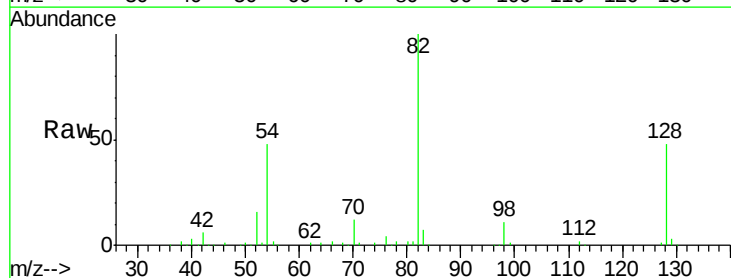


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

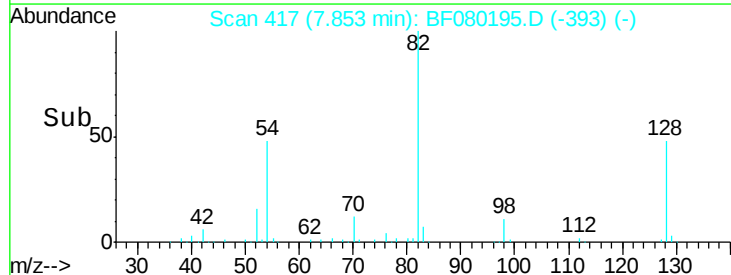
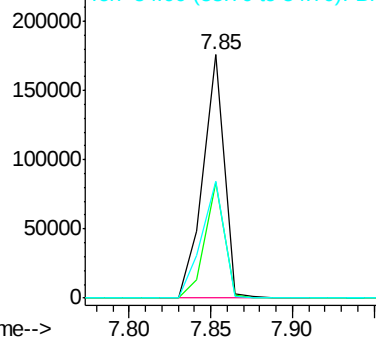


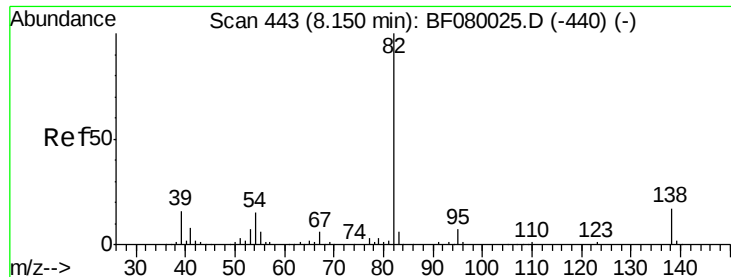
#23
Nitrobenzene-d5
Concen: 79.47 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF080195.D
Acq: 26 Jun 2015 18:00

Tgt Ion: 82	Resp:	156870
Ion Ratio	Lower	Upper
82	100	
128	47.7	51.0 76.6#
54	47.9	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: 39.49 ng

RT: 7.85 min Scan# 417

Delta R.T. -0.29 min

Lab File: BF080195.D

Acq: 26 Jun 2015 18:00

Instrument :

BNA_F

ClientSampled :

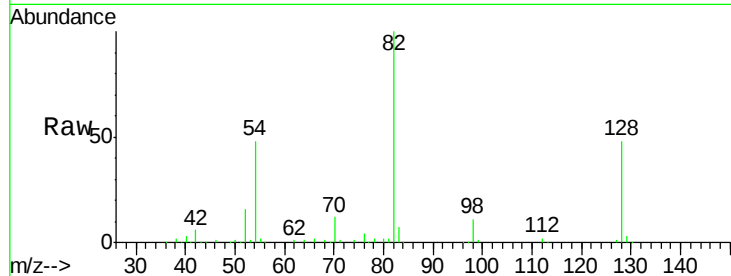
Tot Ion: 82 Resp: 156862

Ion Ratio Lower Upper

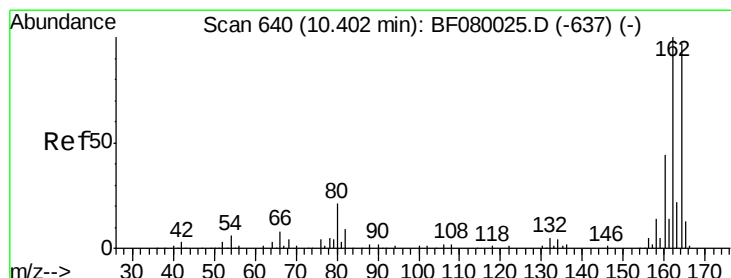
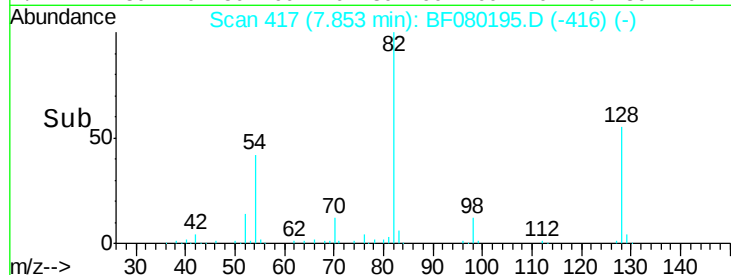
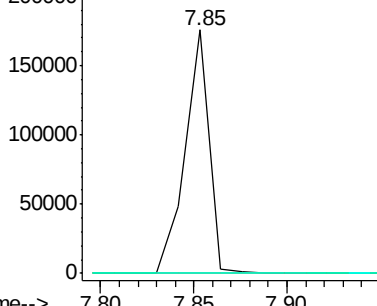
82 100

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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF080195.D

Acq: 26 Jun 2015 18:00

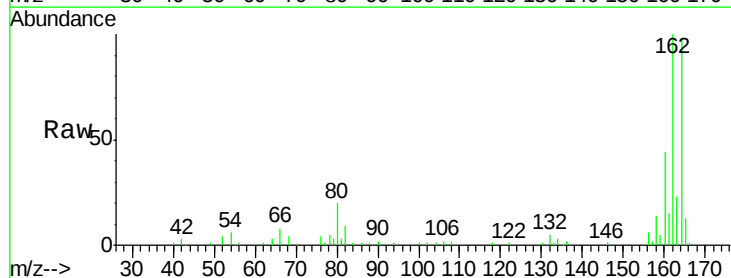
Tgt Ion: 164 Resp: 59493

Ion Ratio Lower Upper

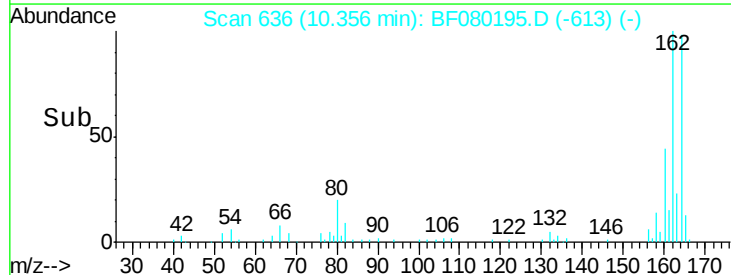
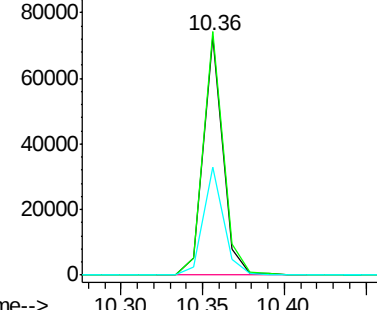
164 100

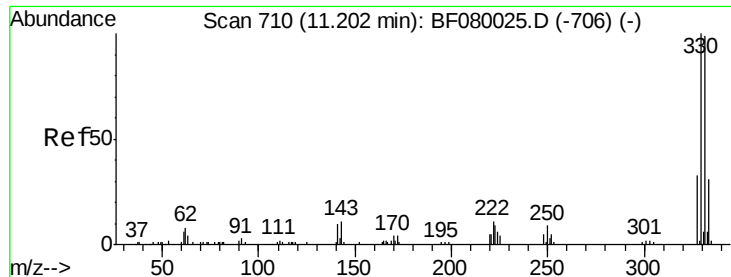
162 102.1 75.2 112.8

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

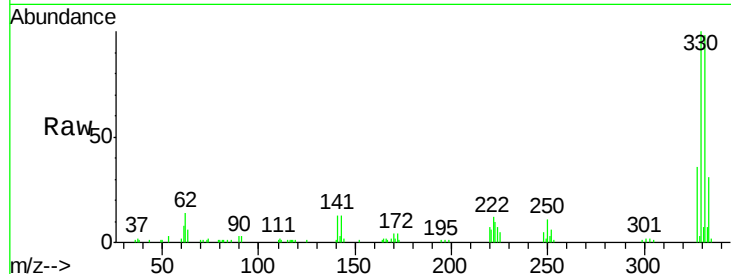




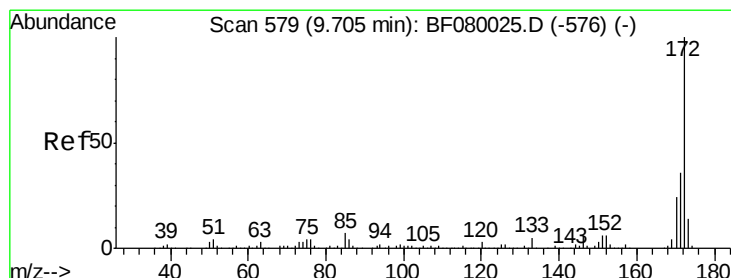
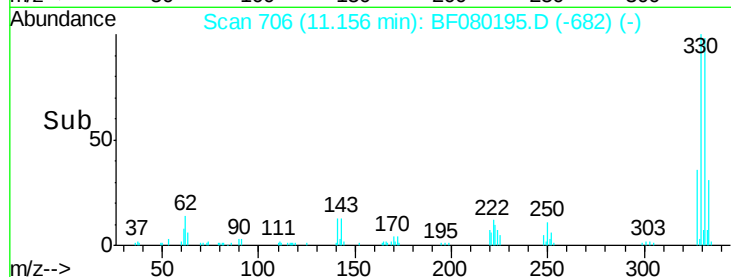
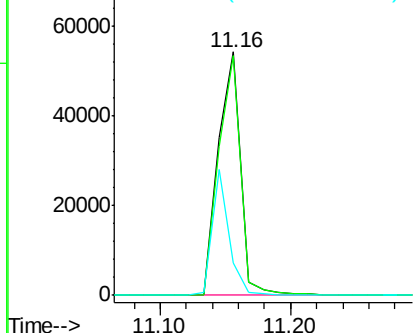
#41
 2,4,6-Tribromophenol
 Concen: 111.48 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080195.D
 Acq: 26 Jun 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	39.3	29.7	44.5

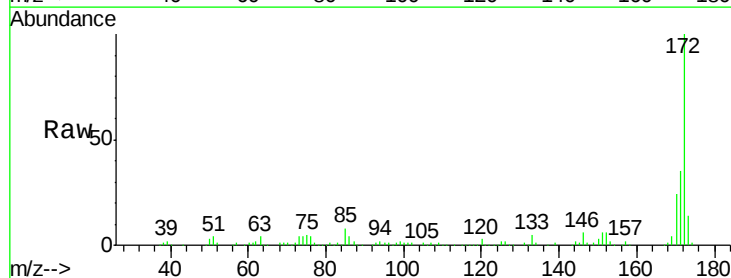


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

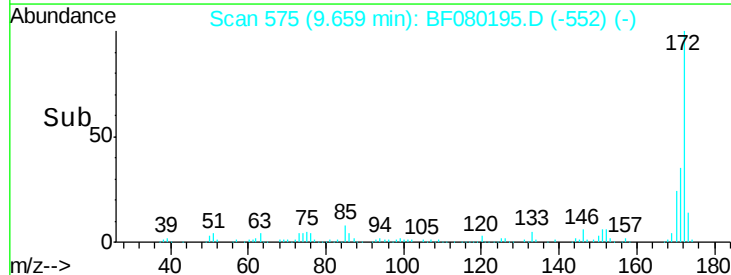
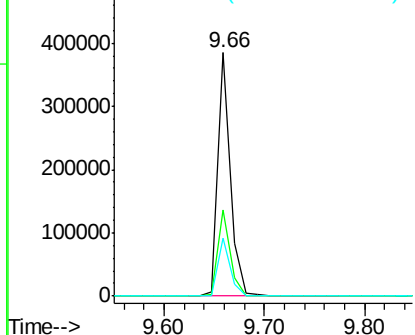


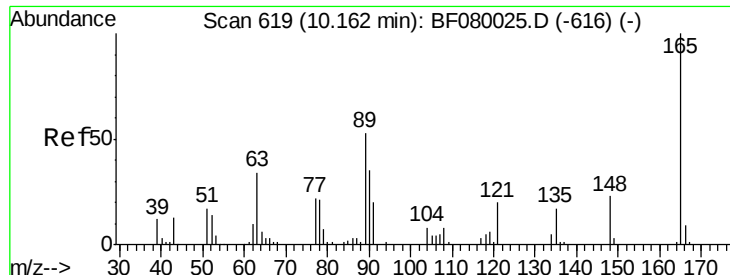
#44
 2-Fluorobiphenyl
 Concen: 80.19 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080195.D
 Acq: 26 Jun 2015 18:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	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

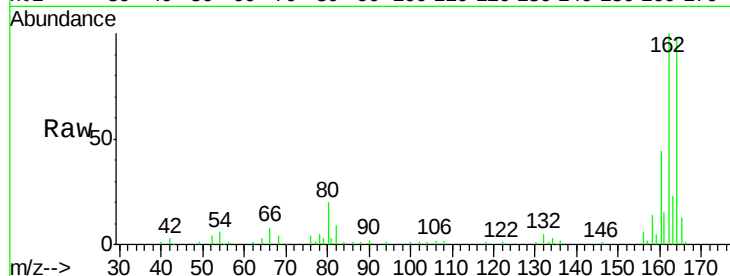




#50
 2,6-Dinitrotoluene
 Concen: 8.54 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.21 min
 Lab File: BF080195.D
 Acq: 26 Jun 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :

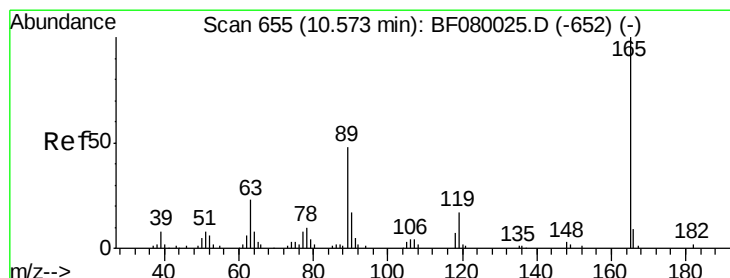
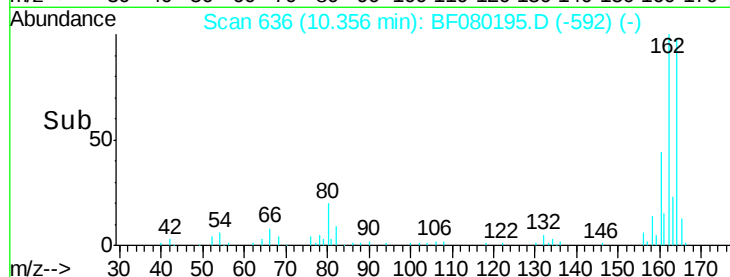
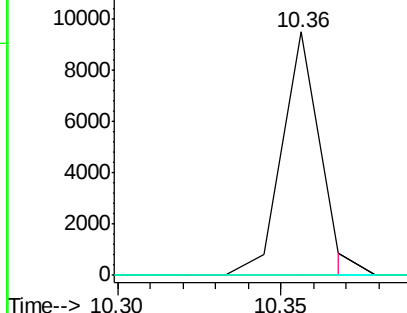
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



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: 6.73 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.19 min
 Lab File: BF080195.D
 Acq: 26 Jun 2015 18:00

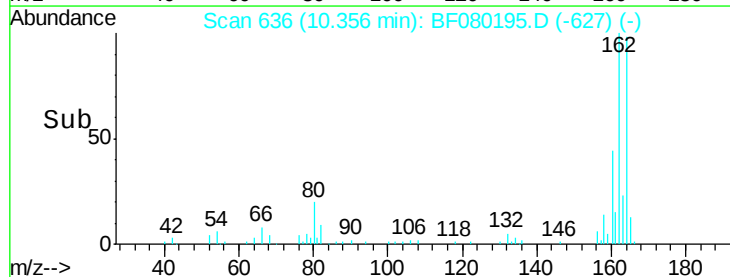
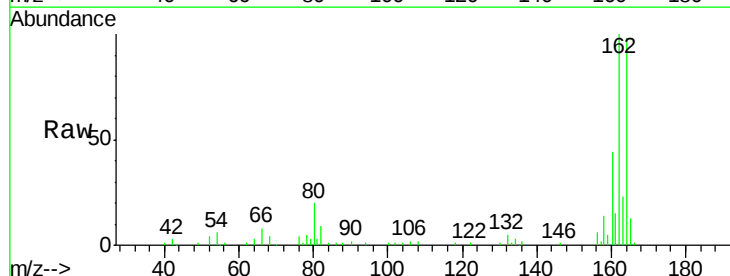
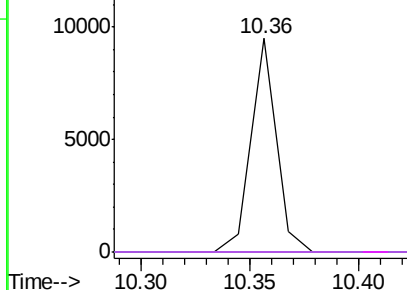
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

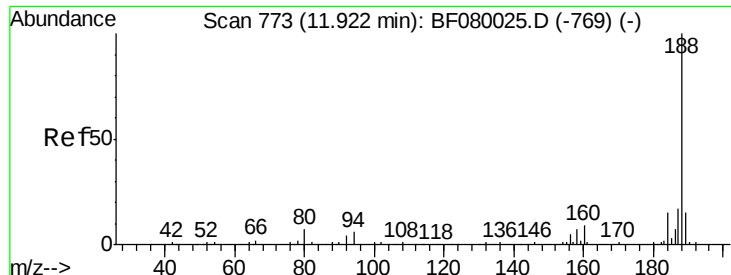
Abundance Ion 165.00 (164.70 to 165.70): E

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

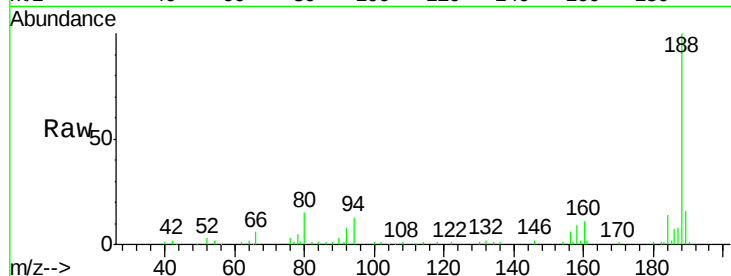




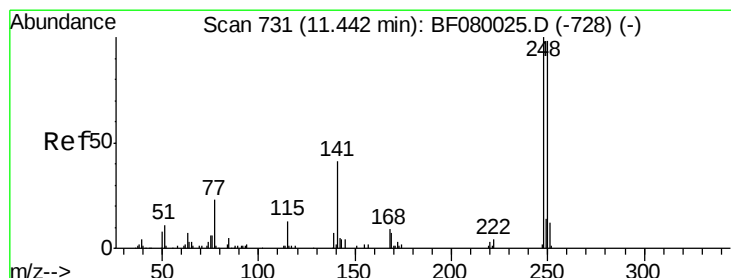
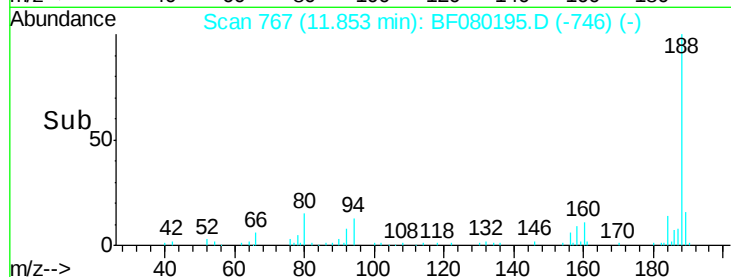
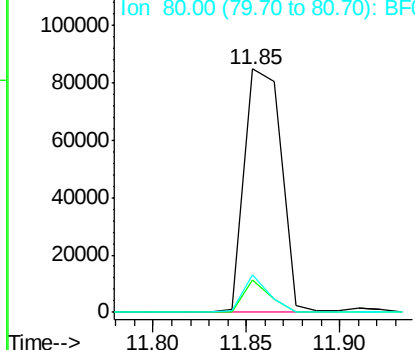
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.85 min Scan# 767
 Delta R.T. -0.06 min
 Lab File: BF080195.D
 Acq: 26 Jun 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 116474
 Ion Ratio Lower Upper
 188 100
 94 13.2 11.1 16.7
 80 15.2 11.0 16.4

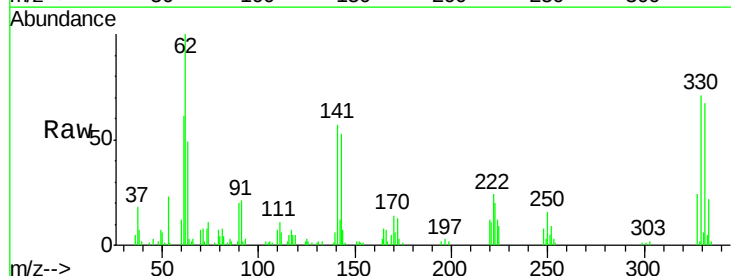


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

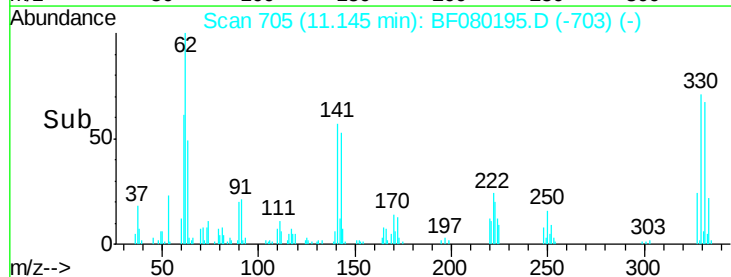
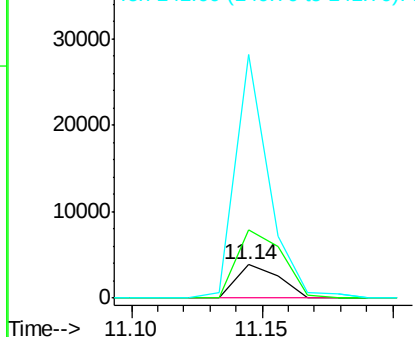


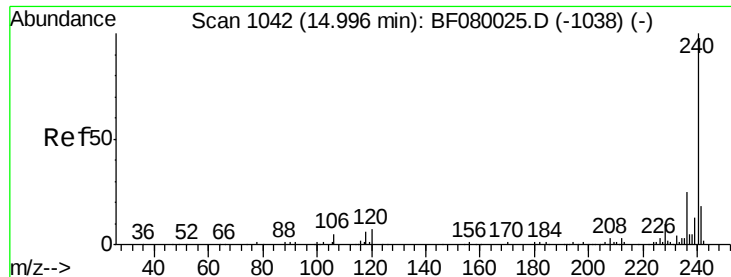
#66
 4-Bromophenyl-phenylether
 Concen: 3.56 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.27 min
 Lab File: BF080195.D
 Acq: 26 Jun 2015 18:00

Tgt Ion:248 Resp: 4412
 Ion Ratio Lower Upper
 248 100
 250 206.7 78.5 117.7#
 141 734.7 59.0 88.6#



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: 14.77 min Scan# 1022

Delta R.T. -0.23 min

Lab File: BF080195.D

Acq: 26 Jun 2015 18:00

Instrument :

BNA_F

ClientSampleId :

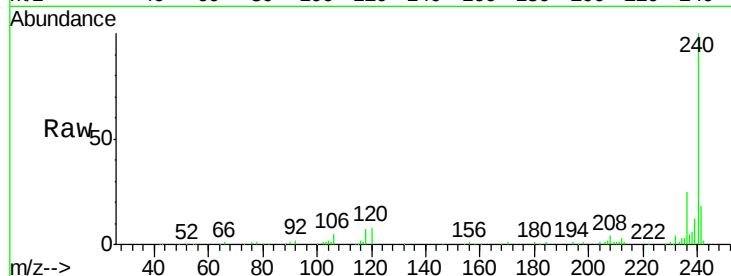
Tot Ion:240 Resp: 132355

Ion Ratio Lower Upper

240 100

120 8.0 16.2 24.2#

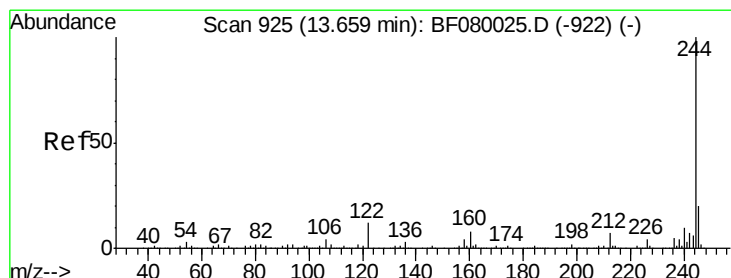
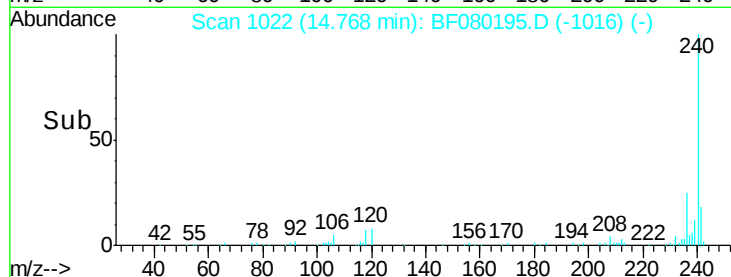
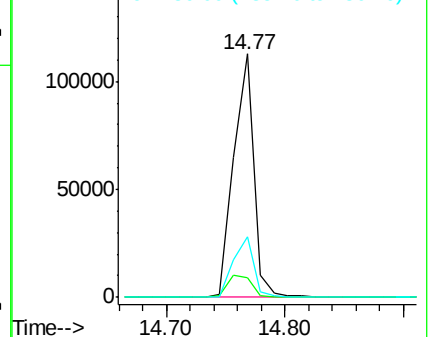
236 24.8 18.4 27.6



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: 76.67 ng

RT: 13.52 min Scan# 913

Delta R.T. -0.15 min

Lab File: BF080195.D

Acq: 26 Jun 2015 18:00

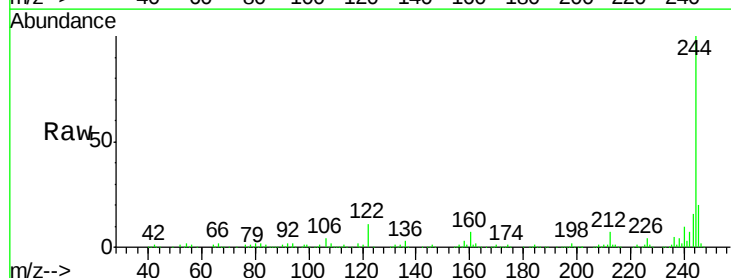
Tgt Ion:244 Resp: 434508

Ion Ratio Lower Upper

244 100

212 6.9 4.3 6.5#

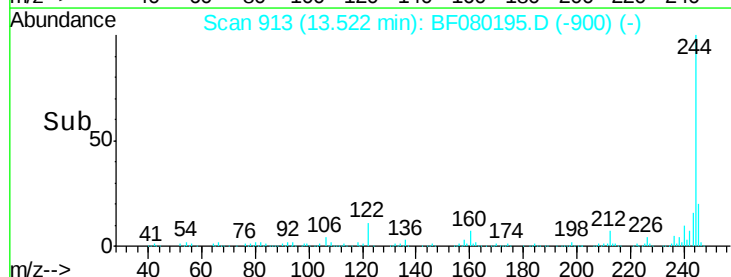
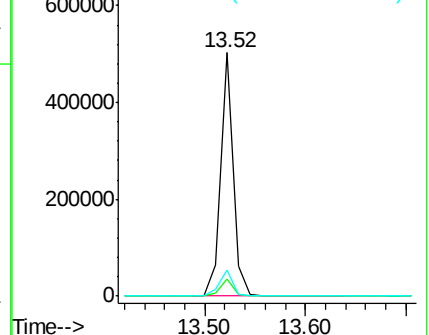
122 10.7 17.4 26.2#

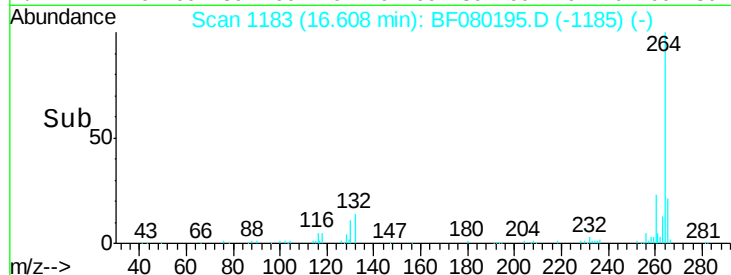
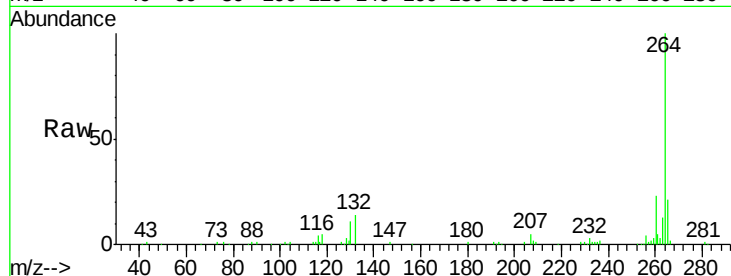
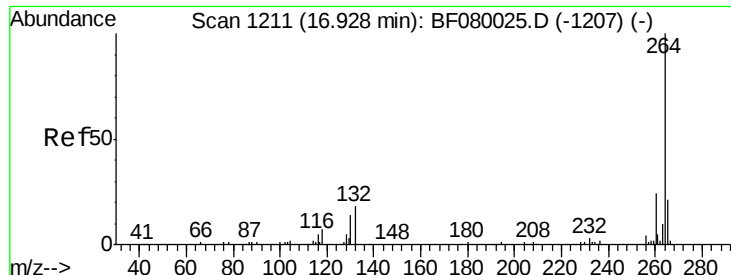


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.61 min Scan# 1183
Delta R.T. -0.32 min
Lab File: BF080195.D
Acq: 26 Jun 2015 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264	Resp:	131063
Ion	Ratio	Lower Upper
264	100	
260	23.4	16.7 25.1
265	21.1	17.2 25.8

