

Data Path : Z:\HPCHEM1\BNA F\Data\BF071615\
 Data File : BF080530.D
 Acq On : 17 Jul 2015 1:56
 Operator : TP/UM
 Sample : G2973-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

Quant Time: Jul 17 08:03:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 17:11:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	30080	20.00	ng	0.00
21) Naphthalene-d8	8.36	136	127973	20.00	ng	0.00
38) Acenaphthene-d10	10.12	164	56805	20.00	ng	0.00
63) Phenanthrene-d10	11.61	188	116551	20.00	ng	0.00
75) Chrysene-d12	14.37	240	96739	20.00	ng	-0.06
86) Perylene-d12	16.04	264	91785	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	76394	43.29	ng	0.00
7) Phenol-d6	6.72	99	64895	27.08	ng	0.00
23) Nitrobenzene-d5	7.64	82	110735	50.79	ng	0.00
41) 2,4,6-Tribromophenol	10.91	330	41759	94.48	ng	0.00
44) 2-Fluorobiphenyl	9.44	172	259307	62.12	ng	0.00
78) Terphenyl-d14	13.21	244	266770	57.18	ng	-0.02

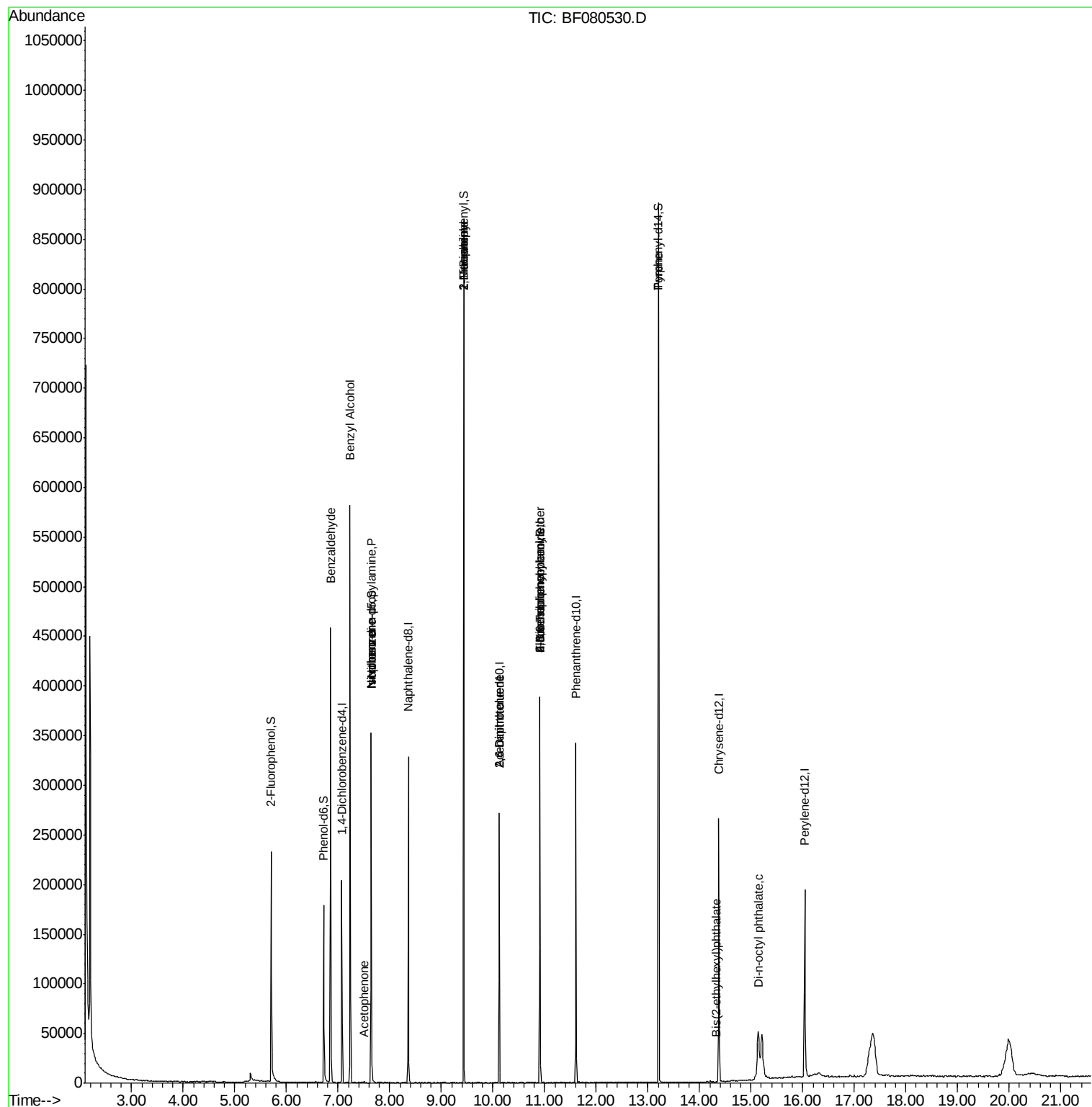
Target Compounds						Qvalue
9) Benzaldehyde	6.85	77	2934	1.80	ng	# 60
15) Benzyl Alcohol	7.23	79	2336	1.40	ng	# 34
19) n-Nitroso-di-n-propylamine	7.64	70	14310	9.84	ng	# 59
22) Acetophenone	7.50	105	534	0.19	ng	# 45
24) Nitrobenzene	7.64	77	261	0.12	ng	# 20
25) Isophorone	7.64	82	110731	28.75	ng	# 58
45) 1,1'-Biphenyl	9.44	154	477	0.10	ng	# 1
47) 2-Nitroaniline	9.44	65	241	0.27	ng	# 1
50) 2,6-Dinitrotoluene	10.12	165	7302	9.58	ng	# 37
56) 2,4-Dinitrotoluene	10.12	165	7302	6.61	ng	# 31
57) Fluorene	10.91	166	1932	0.49	ng	# 76
65) n-Nitrosodiphenylamine	10.91	169	1584	0.40	ng	# 44
66) 4-Bromophenyl-phenylether	10.91	248	3242	2.86	ng	# 1
77) Pyrene	13.21	202	774	0.12	ng	# 50
83) Bis(2-ethylhexyl)phthalate	14.33	149	207	0.06	ng	# 50
84) Di-n-octyl phthalate	15.14	149	1467	6.05	ng	# 71

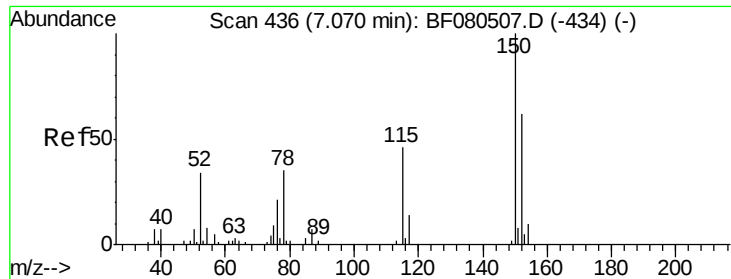
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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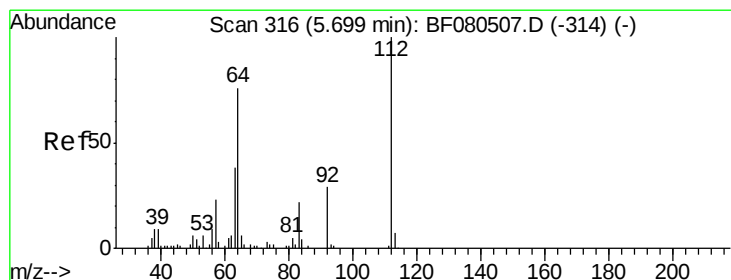
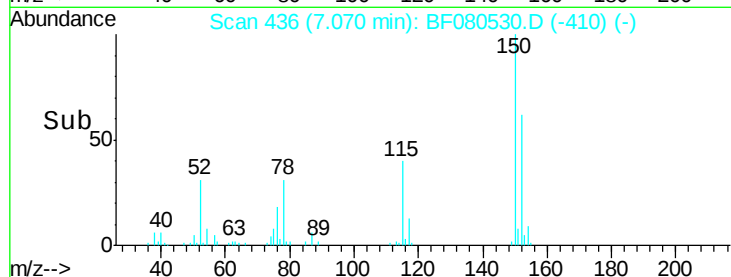
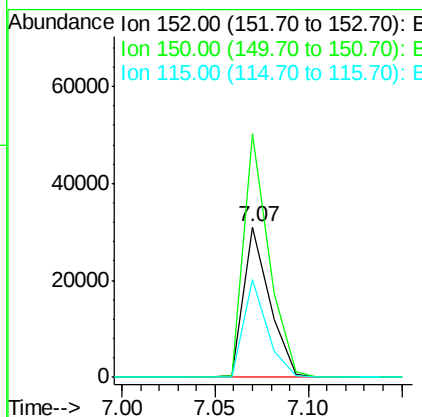
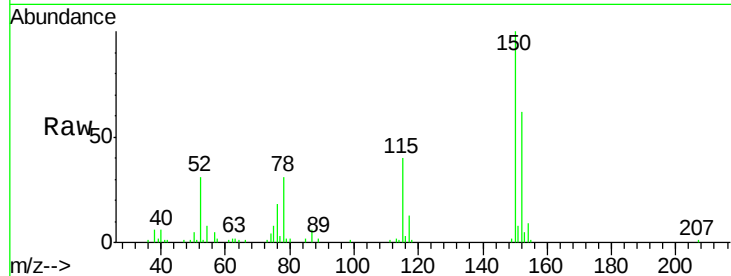


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080530.D
Acq: 17 Jul 2015 1:56

Instrument :
BNA_F
ClientSampleId :
RINSATEBLANK

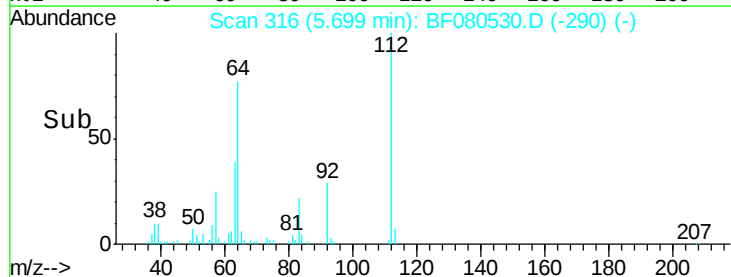
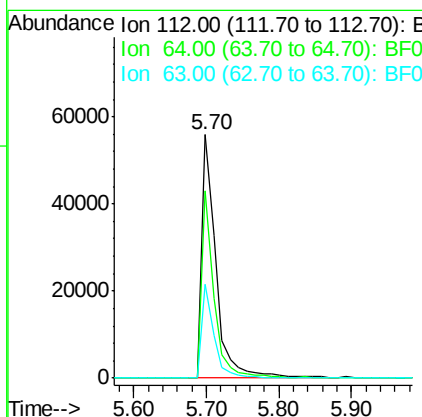
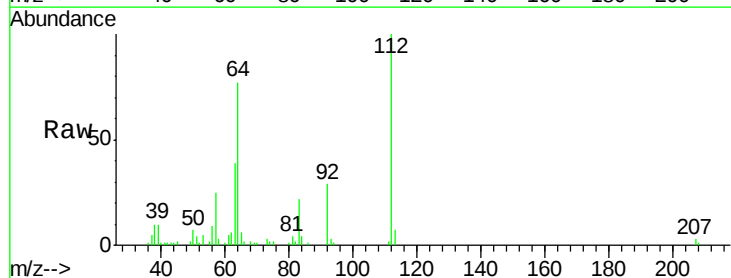
Tot Ion:152 Resp: 30080
Ion Ratio Lower Upper
152 100
150 161.8 124.7 187.1
115 65.3 39.0 58.4#

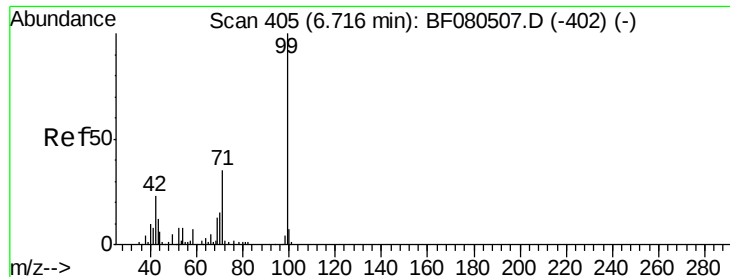


#5

2-Fluorophenol
Concen: 43.29 ng
RT: 5.70 min Scan# 316
Delta R.T. 0.00 min
Lab File: BF080530.D
Acq: 17 Jul 2015 1:56

Tgt Ion:112 Resp: 76394
Ion Ratio Lower Upper
112 100
64 76.9 39.7 59.5#
63 38.6 17.4 26.0#





#7

Phenol-d6

Concen: 27.08 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF080530.D

Acq: 17 Jul 2015 1:56

Instrument :

BNA_F

ClientSampleId :

RINSATEBLANK

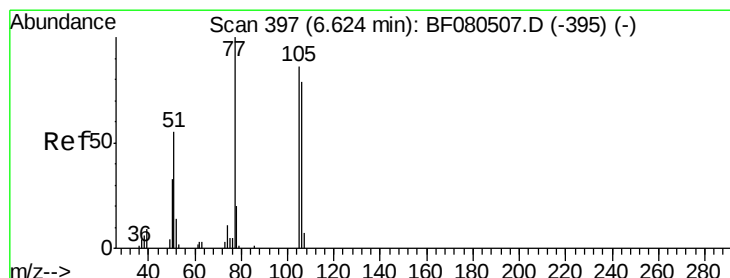
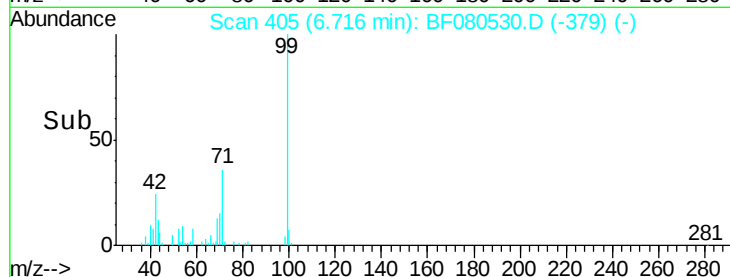
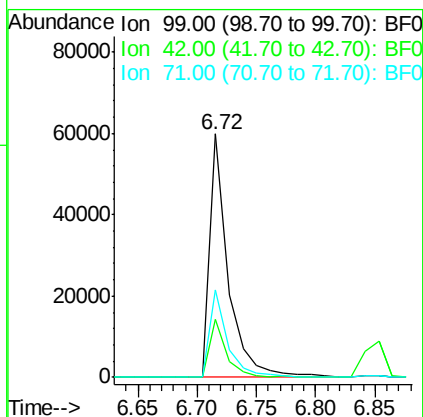
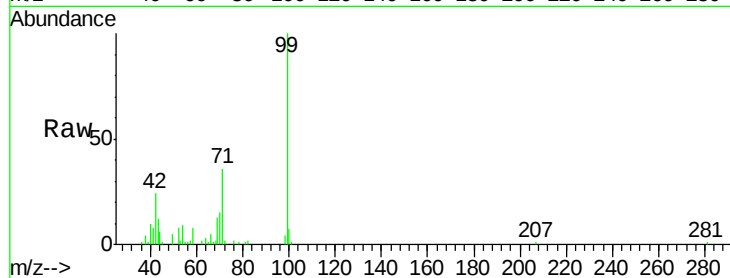
Tot Ion: 99 Resp: 64895

Ion Ratio Lower Upper

99 100

42 23.9 13.7 20.5#

71 35.7 14.2 21.2#



#9

Benzaldehyde

Concen: 1.80 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.23 min

Lab File: BF080530.D

Acq: 17 Jul 2015 1:56

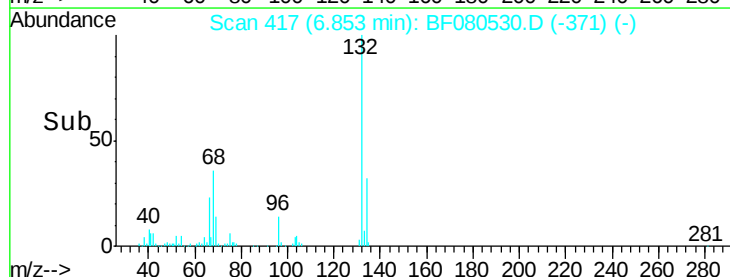
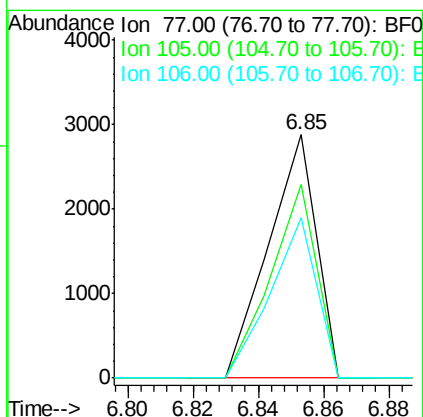
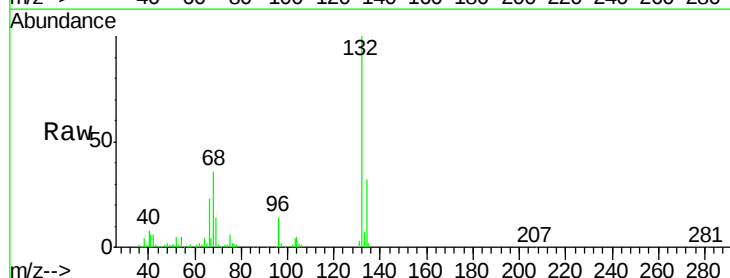
Tgt Ion: 77 Resp: 2934

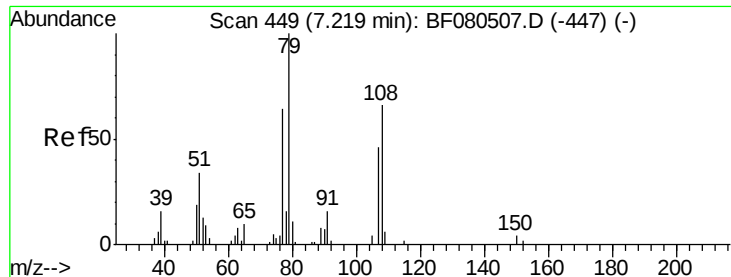
Ion Ratio Lower Upper

77 100

105 79.8 91.6 131.6#

106 66.1 102.6 142.6#





#15

Benzyl Alcohol

Concen: 1.40 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.01 min

Lab File: BF080530.D

Acq: 17 Jul 2015 1:56

Instrument :

BNA_F

ClientSampleId :

RINSATEBLANK

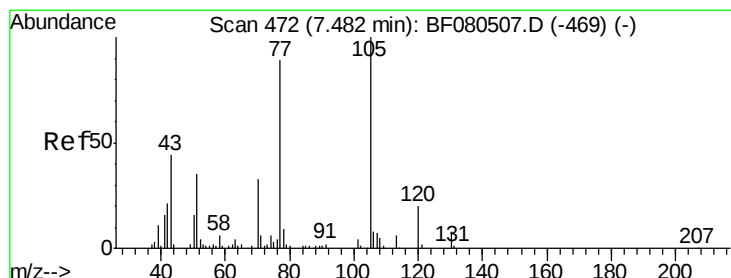
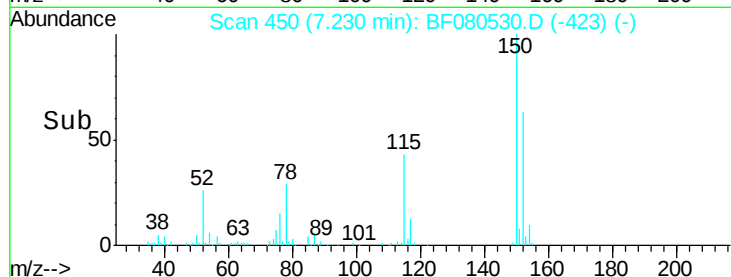
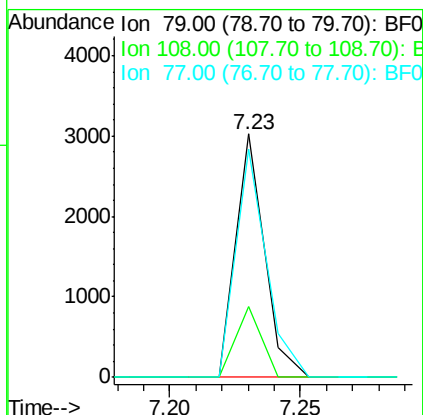
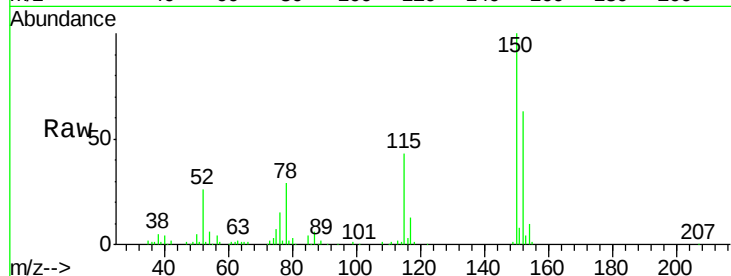
Tot Ion: 79 Resp: 2336

Ion Ratio Lower Upper

79 100

108 29.2 88.6 132.8#

77 93.8 47.0 70.4#



#19

n-Nitroso-di-n-propylamine

Concen: 9.84 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.16 min

Lab File: BF080530.D

Acq: 17 Jul 2015 1:56

Tgt Ion: 70 Resp: 14310

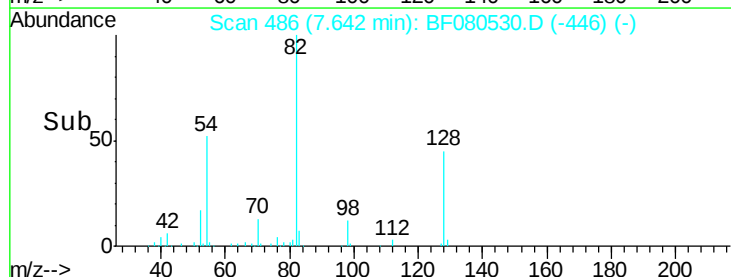
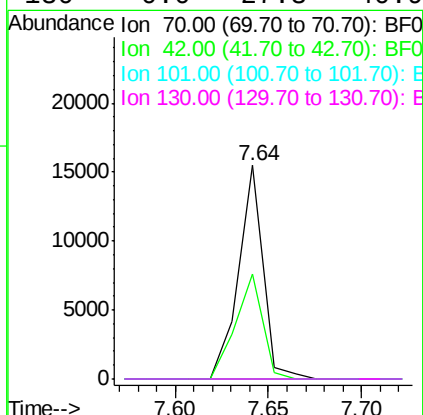
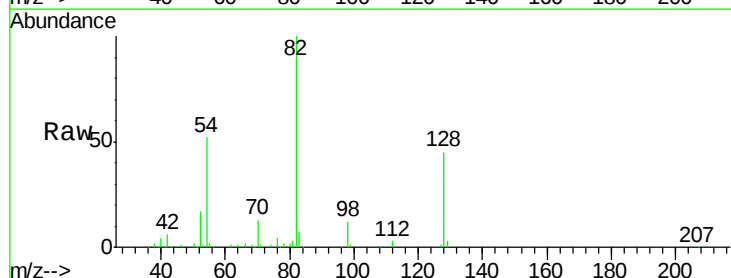
Ion Ratio Lower Upper

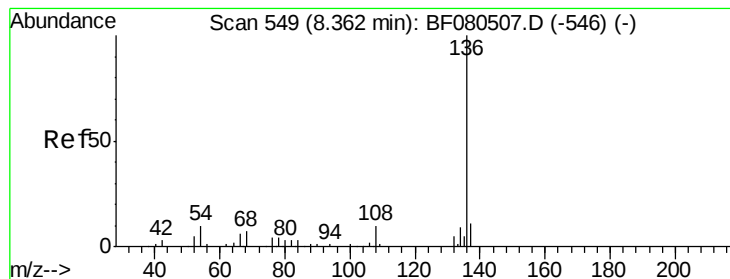
70 100

42 49.4 63.8 95.6#

101 0.0 9.2 13.8#

130 0.0 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.36 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF080530.D

Acq: 17 Jul 2015 1:56

Instrument :

BNA_F

ClientSampleId :

RINSATEBLANK

Tot Ion:136 Resp: 127973

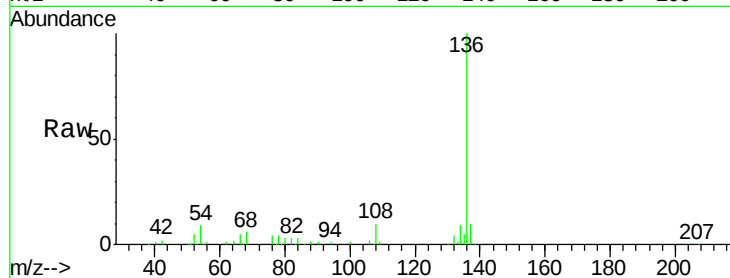
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 8.8 8.2 12.2

68 6.4 5.8 8.6

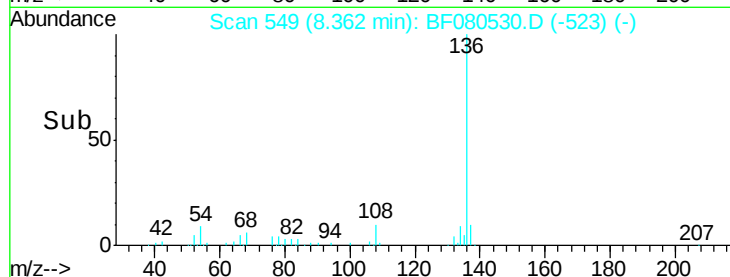


Abundance Ion 136.00 (135.70 to 136.70): E

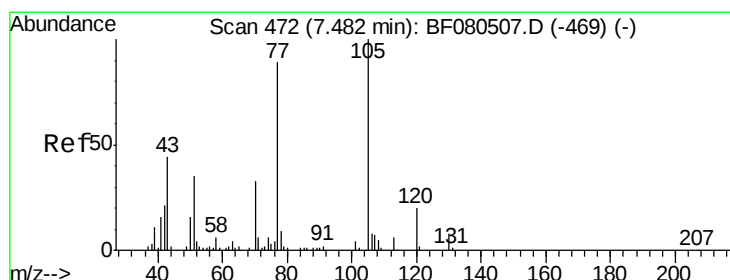
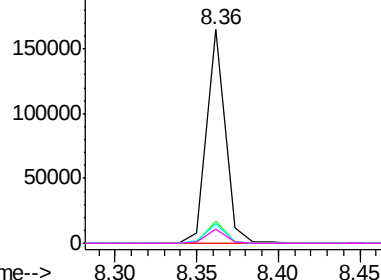
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 0.19 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.02 min

Lab File: BF080530.D

Acq: 17 Jul 2015 1:56

Tgt Ion:105 Resp: 534

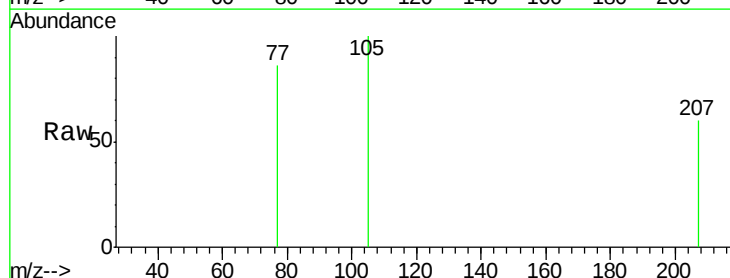
Ion Ratio Lower Upper

105 100

71 0.0 4.7 7.1#

51 0.0 22.0 33.0#

120 0.0 30.1 45.1#

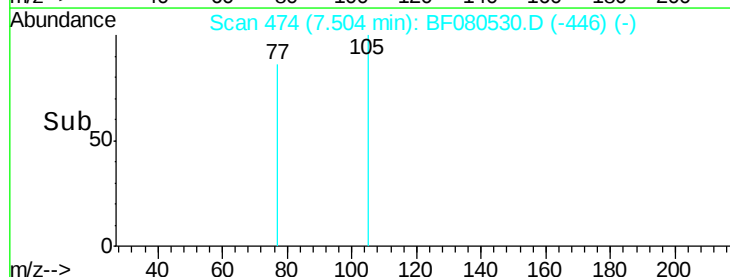


Abundance Ion 105.00 (104.70 to 105.70): E

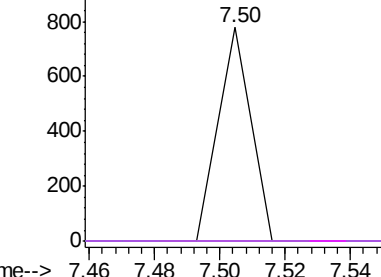
Ion 71.00 (70.70 to 71.70): BF0

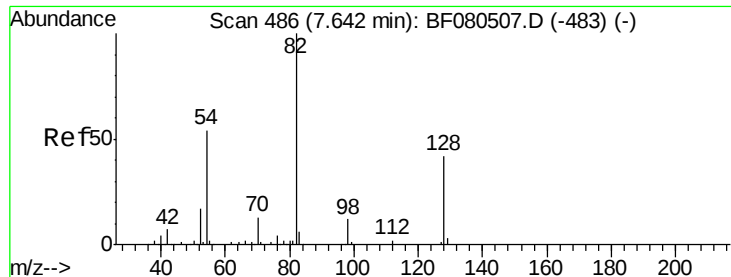
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

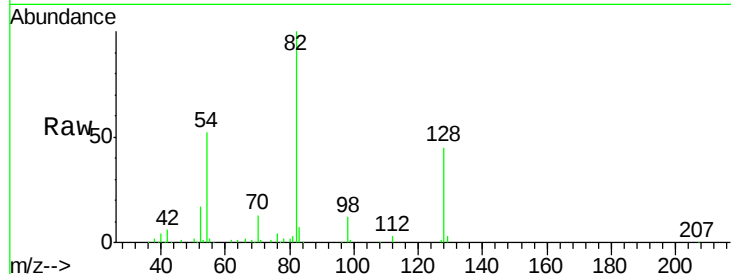




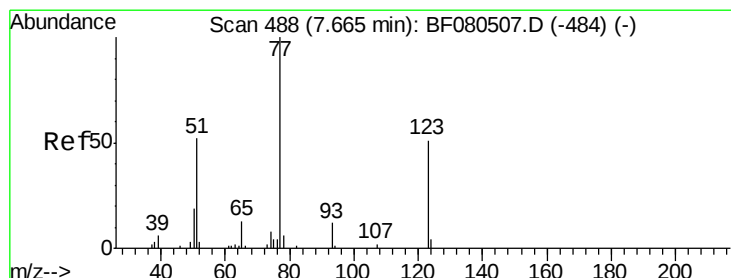
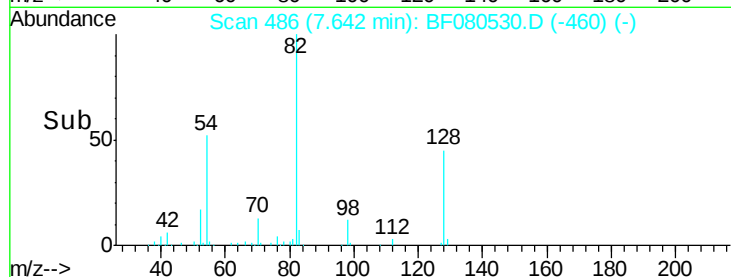
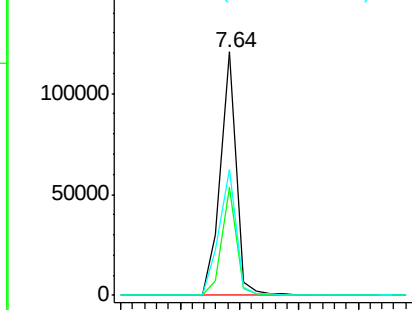
#23
Nitrobenzene-d5
Concen: 50.79 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF080530.D
Acq: 17 Jul 2015 1:56

Instrument :
BNA_F
ClientSampleId :
RINSATEBLANK

Tot Ion: 82 Resp: 110735
Ion Ratio Lower Upper
82 100
128 44.5 51.0 76.6#
54 51.8 47.5 71.3

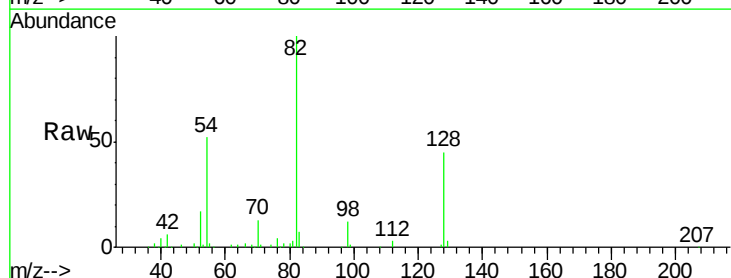


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

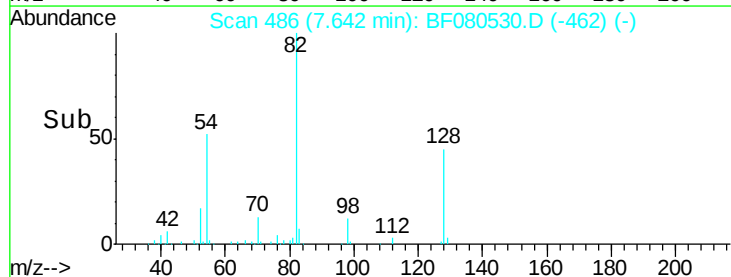
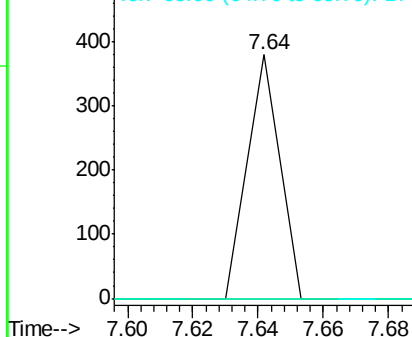


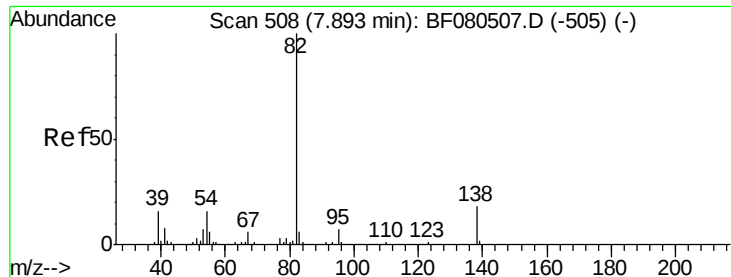
#24
Nitrobenzene
Concen: 0.12 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.02 min
Lab File: BF080530.D
Acq: 17 Jul 2015 1:56

Tgt Ion: 77 Resp: 261
Ion Ratio Lower Upper
77 100
123 0.0 59.8 89.8#
65 0.0 10.2 15.4#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 28.75 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.25 min

Lab File: BF080530.D

Acq: 17 Jul 2015 1:56

Instrument :

BNA_F

ClientSampleId :

RINSATEBLANK

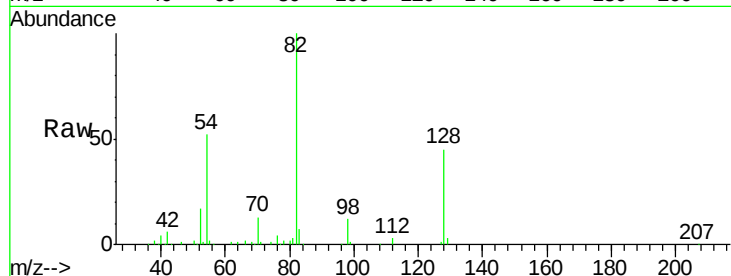
Tot Ion: 82 Resp: 110731

Ion Ratio Lower Upper

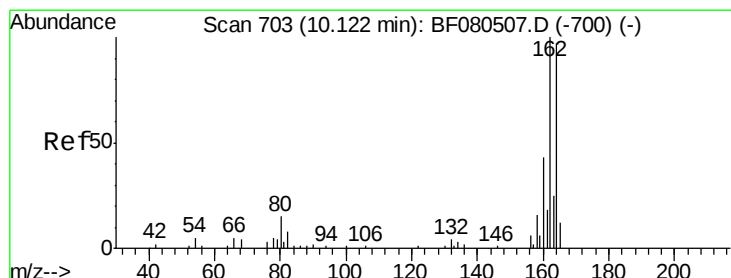
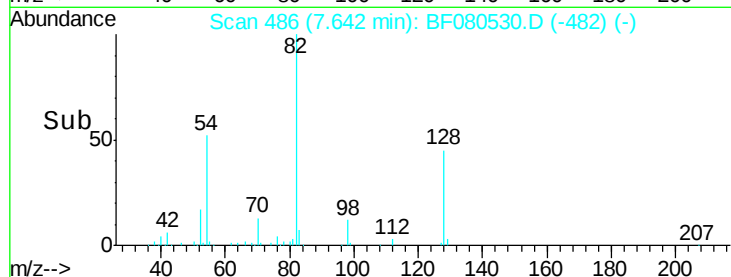
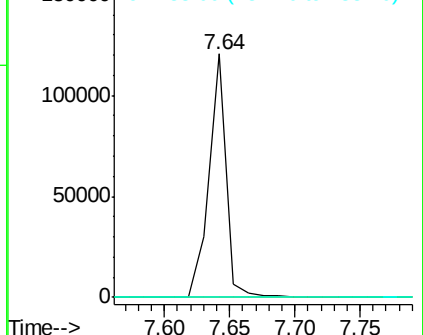
82 100

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: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF080530.D

Acq: 17 Jul 2015 1:56

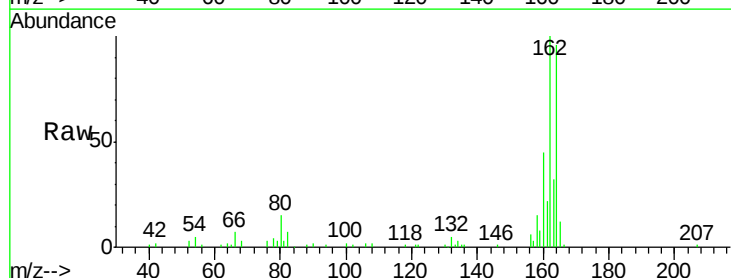
Tgt Ion:164 Resp: 56805

Ion Ratio Lower Upper

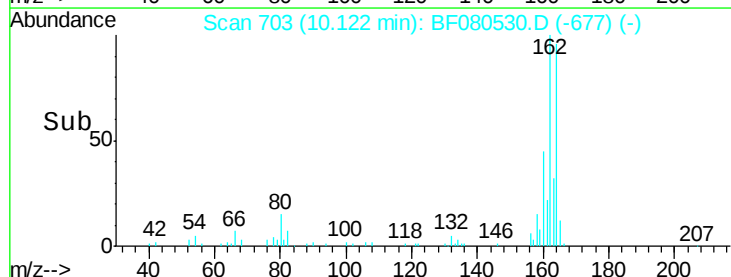
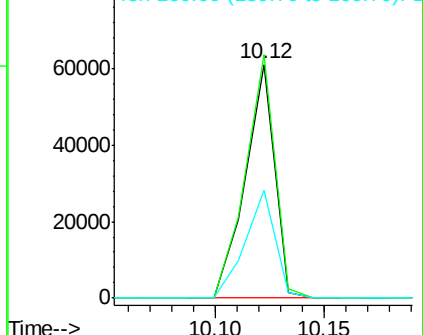
164 100

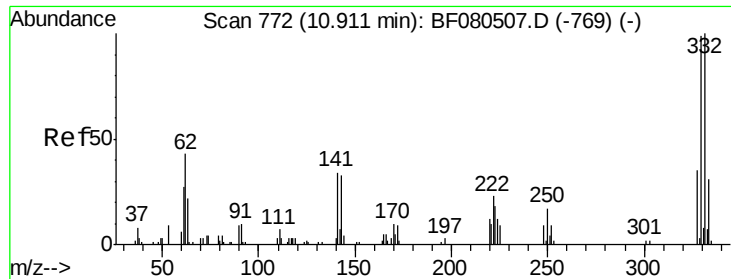
162 104.2 75.2 112.8

160 46.4 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

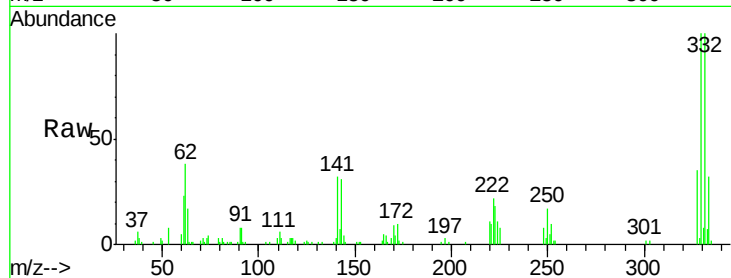




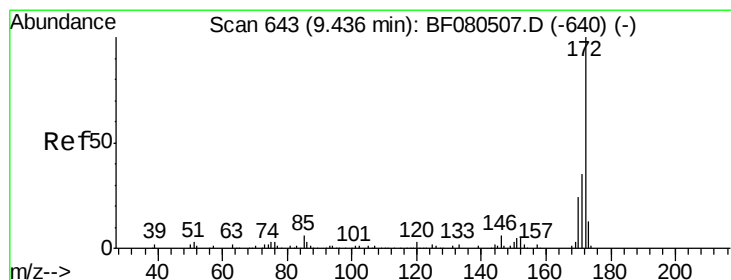
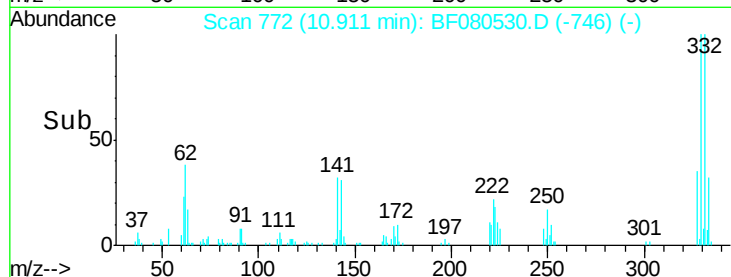
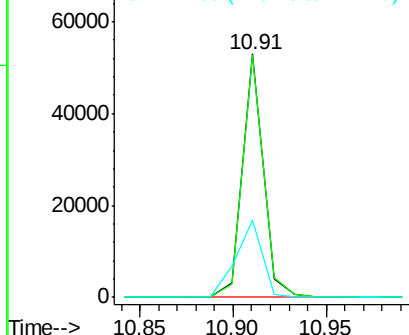
#41
 2,4,6-Tribromophenol
 Concen: 94.48 ng
 RT: 10.91 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF080530.D
 Acq: 17 Jul 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.7	76.6	114.8
141	39.7	29.7	44.5

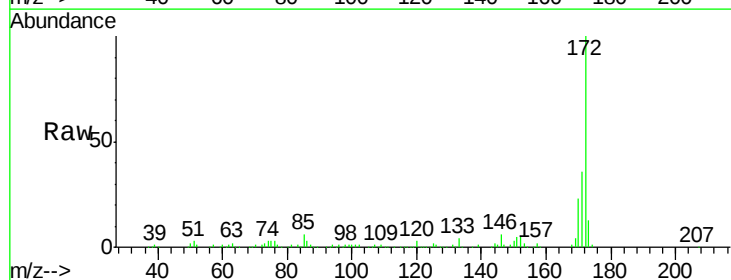


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

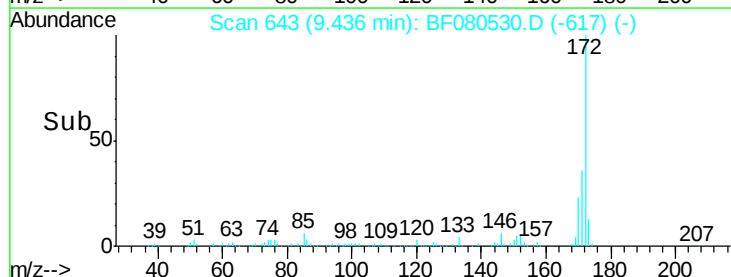
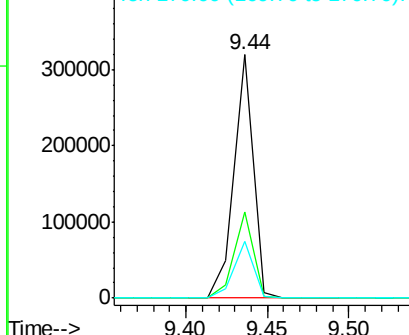


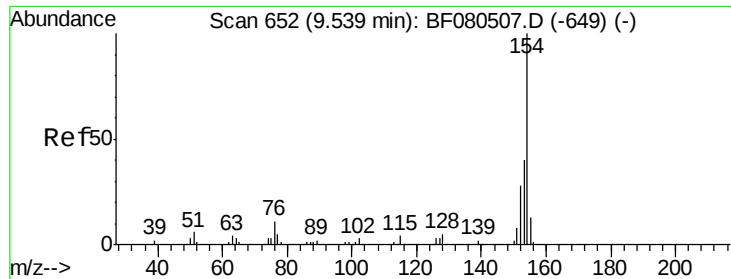
#44
 2-Fluorobiphenyl
 Concen: 62.12 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF080530.D
 Acq: 17 Jul 2015 1:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.1	39.1
170	23.3	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





#45

1,1'-Biphenyl

Concen: 0.10 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.10 min

Lab File: BF080530.D

Acq: 17 Jul 2015 1:56

Instrument :

BNA_F

ClientSampleId :

RINSATEBLANK

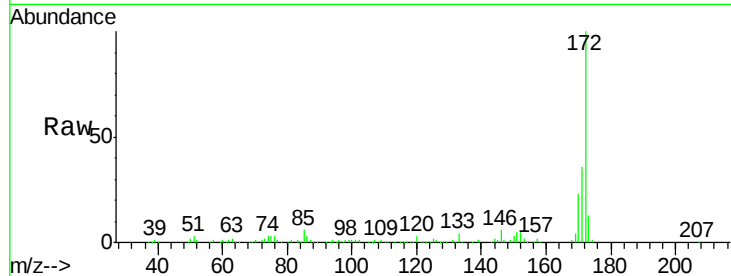
Tot Ion:154 Resp: 477

Ion Ratio Lower Upper

154 100

153 768.8 17.1 57.1#

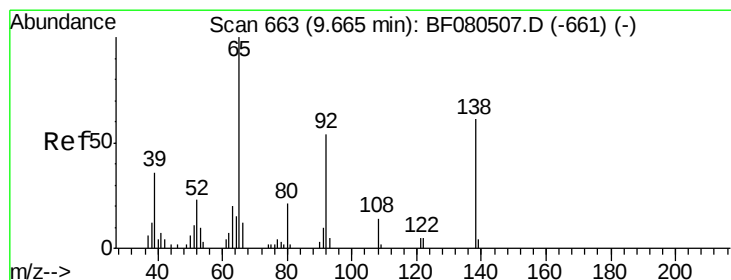
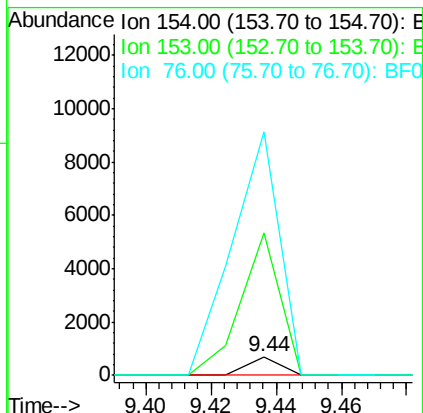
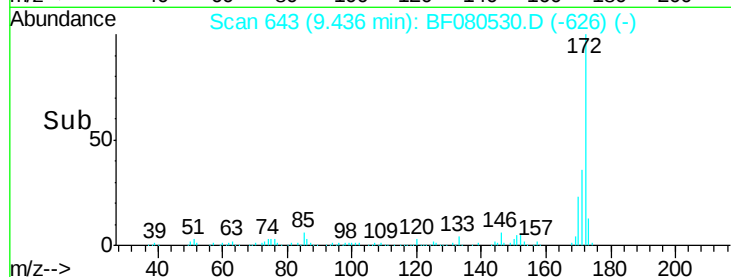
76 1311.4 0.0 31.6#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#47

2-Nitroaniline

Concen: 0.27 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.23 min

Lab File: BF080530.D

Acq: 17 Jul 2015 1:56

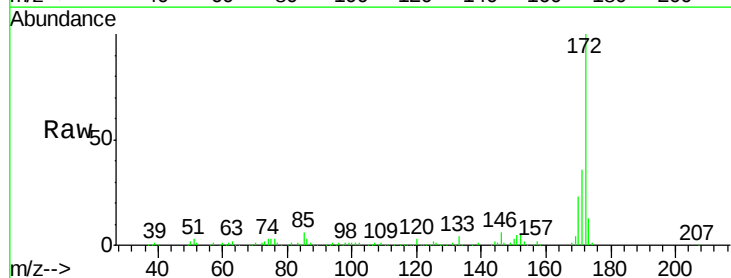
Tgt Ion: 65 Resp: 241

Ion Ratio Lower Upper

65 100

92 301.4 55.4 83.0#

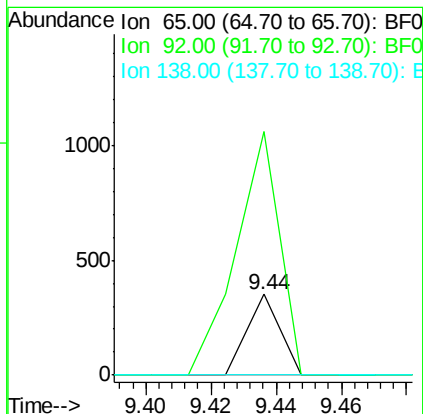
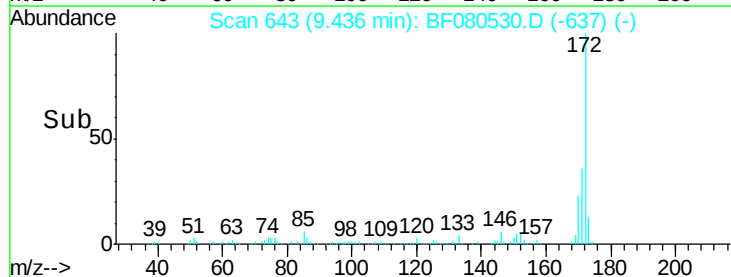
138 0.0 115.5 173.3#

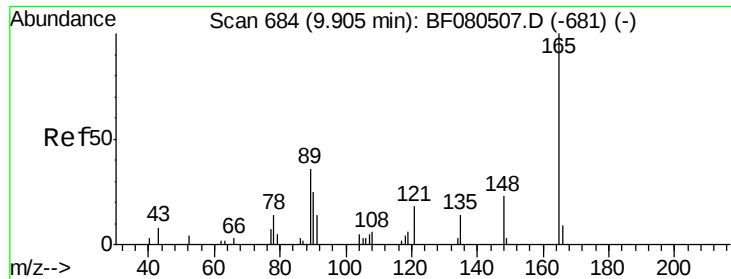


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

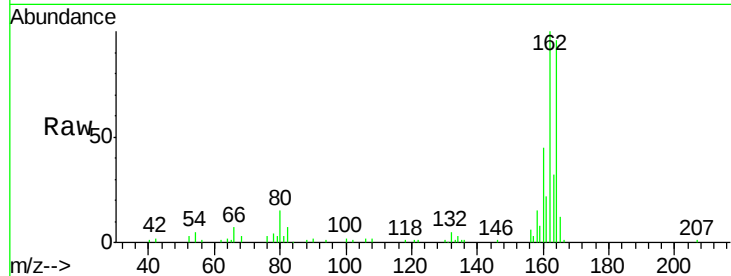




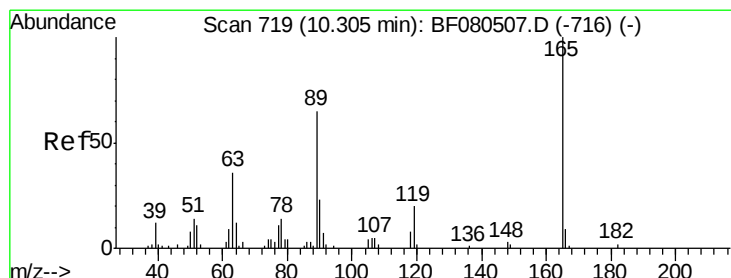
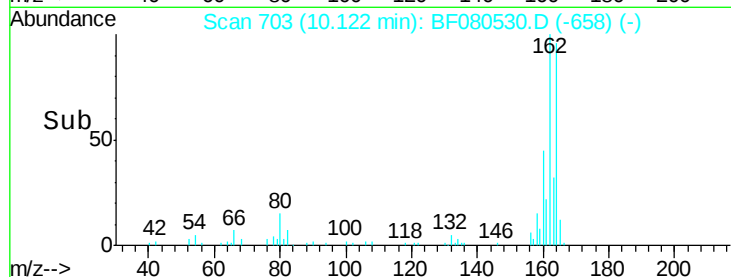
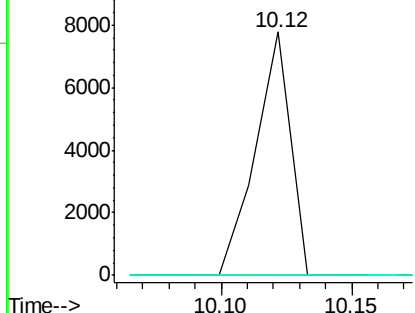
#50
 2,6-Dinitrotoluene
 Concen: 9.58 ng
 RT: 10.12 min Scan# 703
 Delta R.T. 0.22 min
 Lab File: BF080530.D
 Acq: 17 Jul 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

Tot Ion:165 Resp: 7302
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.3 48.5#
 89 0.0 28.6 43.0#

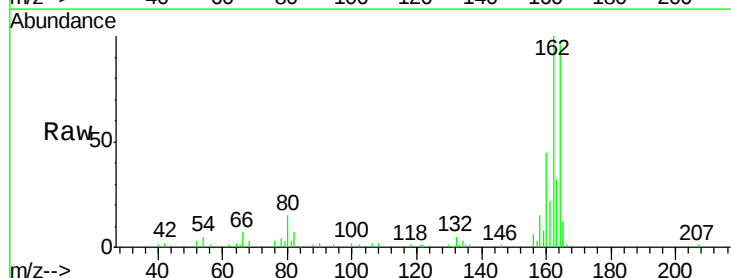


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

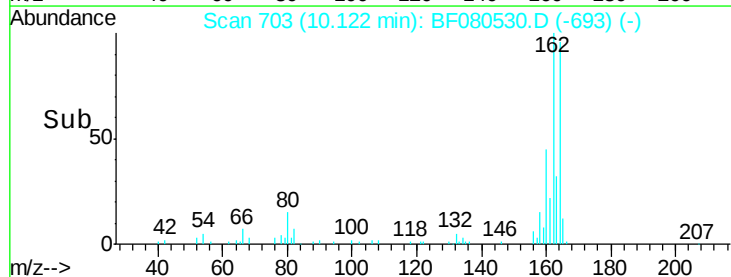
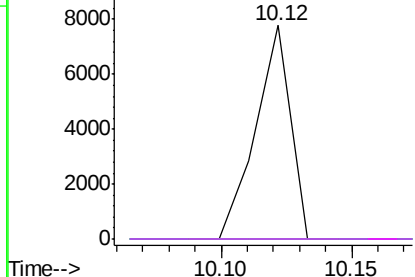


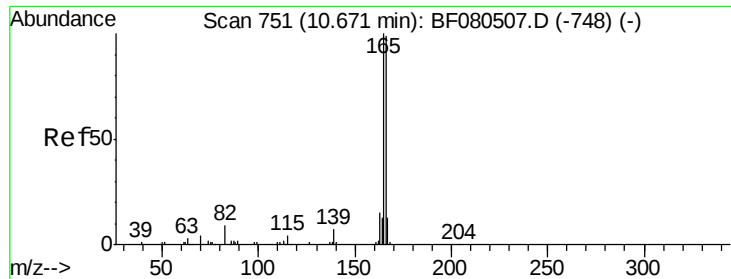
#56
 2,4-Dinitrotoluene
 Concen: 6.61 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.18 min
 Lab File: BF080530.D
 Acq: 17 Jul 2015 1:56

Tgt Ion:165 Resp: 7302
 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

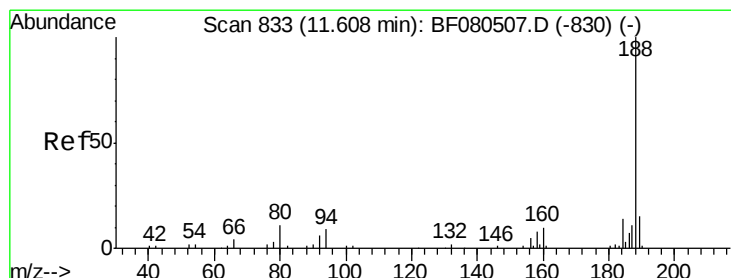
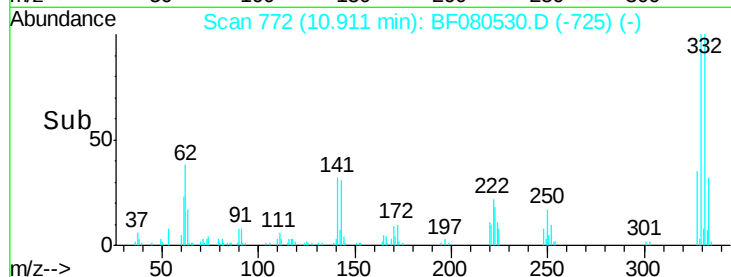
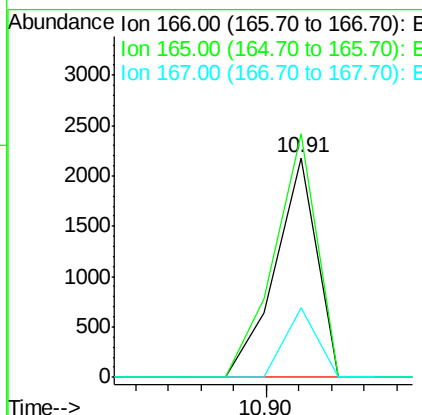
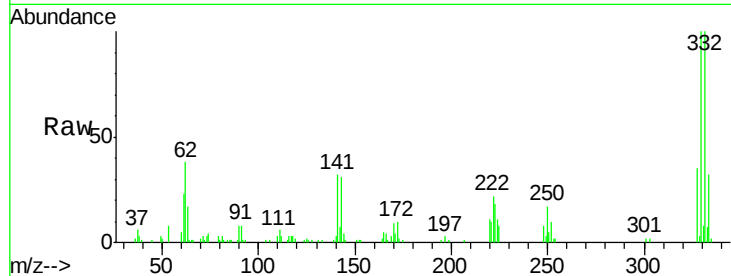




#57
 Fluorene
 Concen: 0.49 ng
 RT: 10.91 min Scan# 772
 Delta R.T. 0.24 min
 Lab File: BF080530.D
 Acq: 17 Jul 2015 1:56

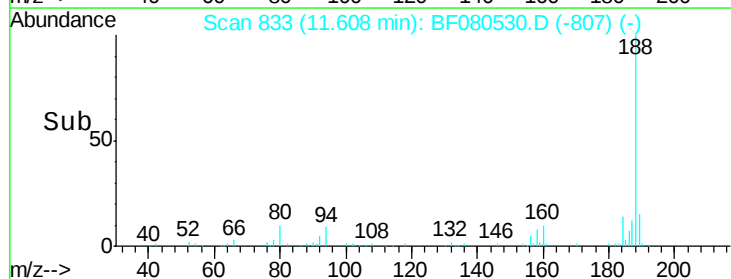
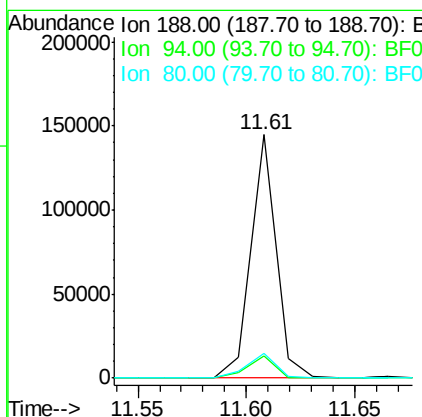
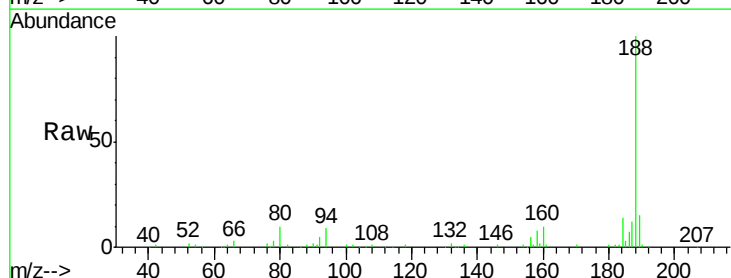
Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

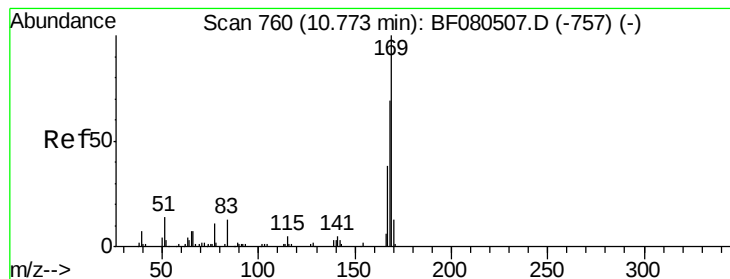
Tot Ion:166 Resp: 1932
 Ion Ratio Lower Upper
 166 100
 165 110.8 72.6 109.0#
 167 31.9 10.6 16.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF080530.D
 Acq: 17 Jul 2015 1:56

Tgt Ion:188 Resp: 116551
 Ion Ratio Lower Upper
 188 100
 94 8.9 11.1 16.7#
 80 10.4 11.0 16.4#





#65

n-Nitrosodiphenylamine

Concen: 0.40 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.14 min

Lab File: BF080530.D

Acq: 17 Jul 2015 1:56

Instrument :

BNA_F

ClientSampleId :

RINSATEBLANK

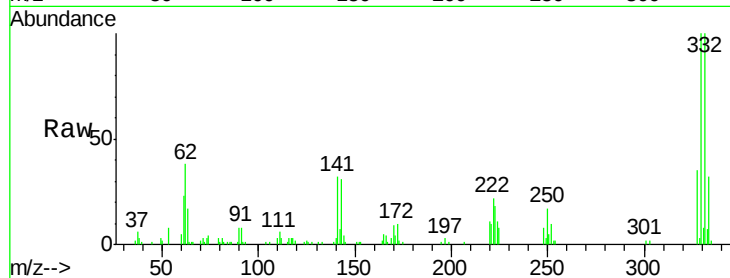
Tot Ion:169 Resp: 1584

Ion Ratio Lower Upper

169 100

168 0.0 48.9 73.3#

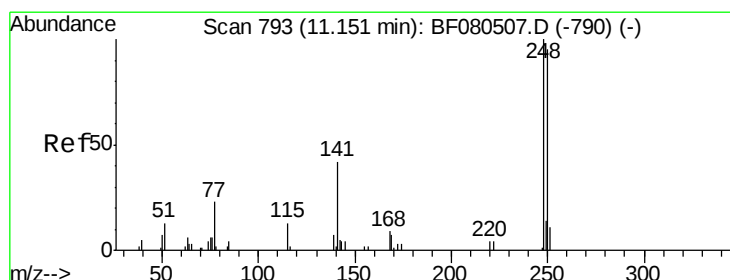
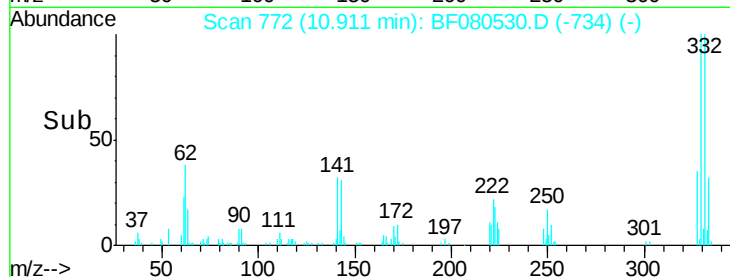
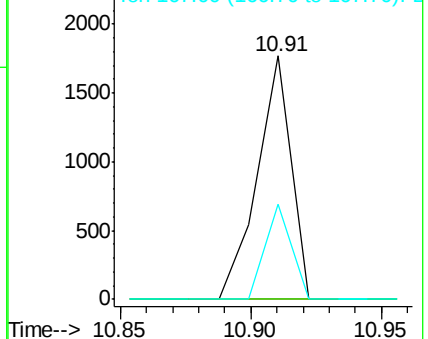
167 39.3 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.86 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.24 min

Lab File: BF080530.D

Acq: 17 Jul 2015 1:56

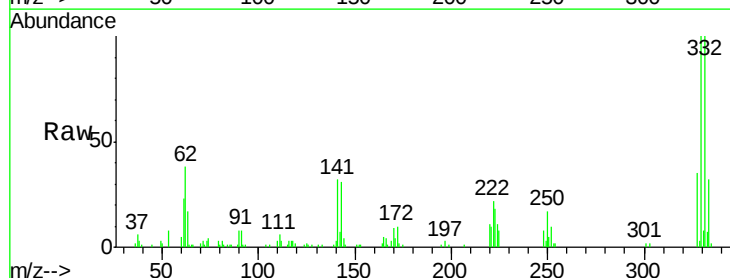
Tgt Ion:248 Resp: 3242

Ion Ratio Lower Upper

248 100

250 212.0 78.5 117.7#

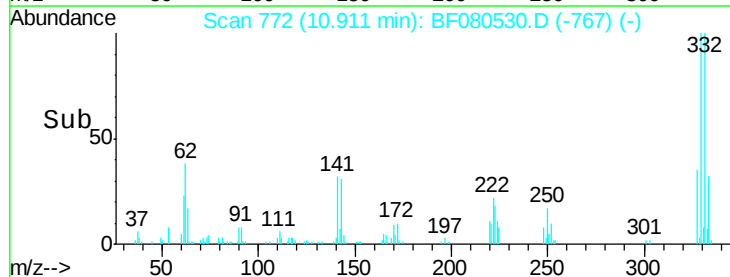
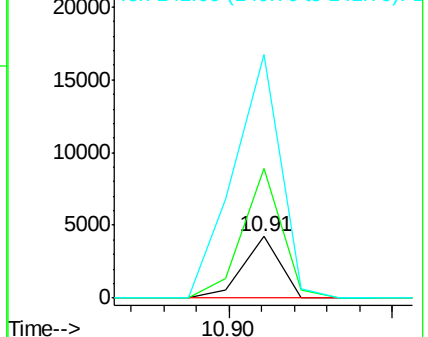
141 397.5 59.0 88.6#

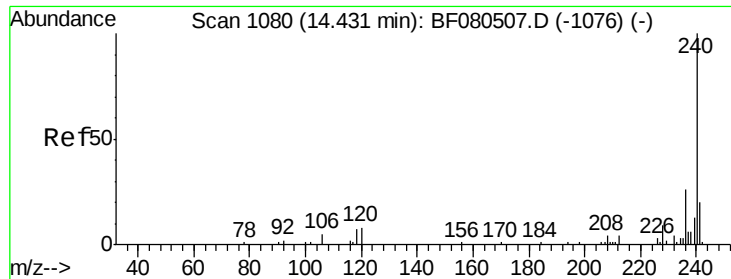


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

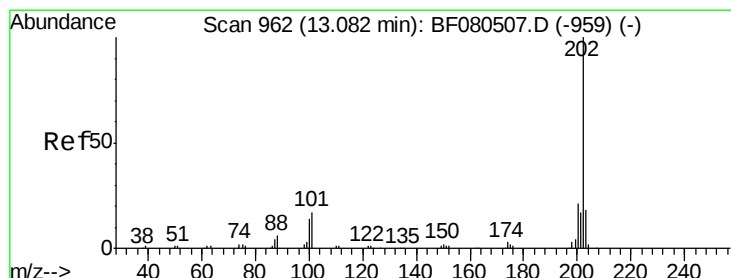
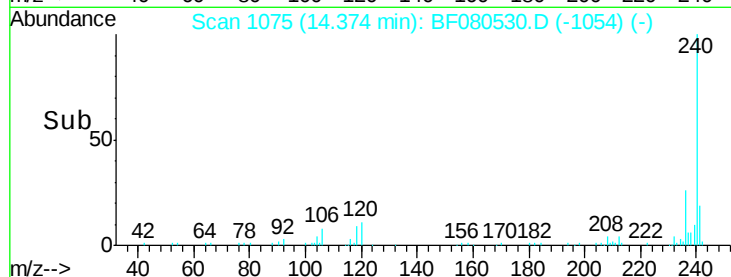
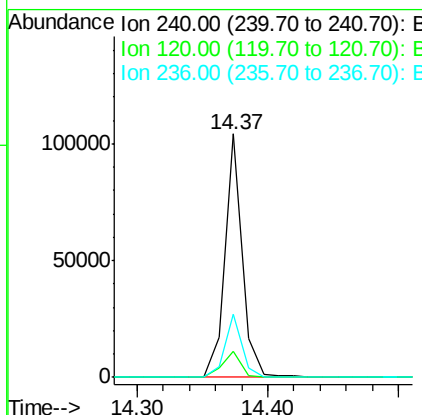
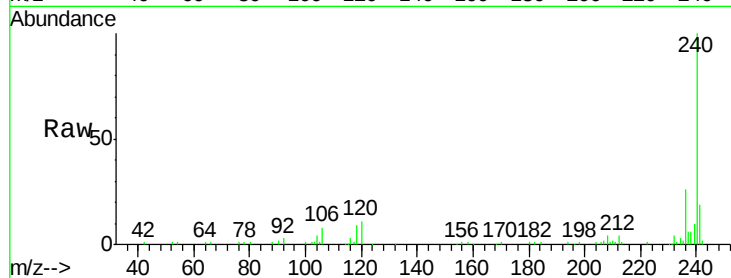




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.37 min Scan# 1075
Delta R.T. -0.06 min
Lab File: BF080530.D
Acq: 17 Jul 2015 1:56

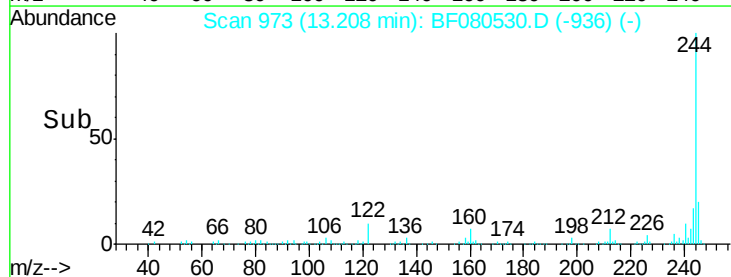
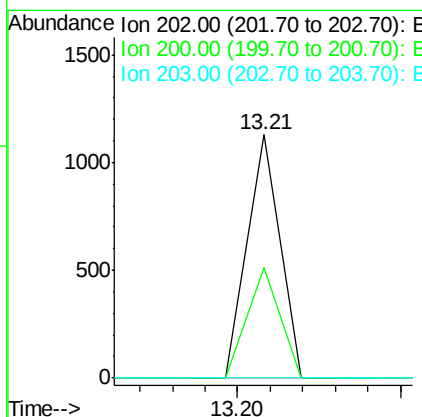
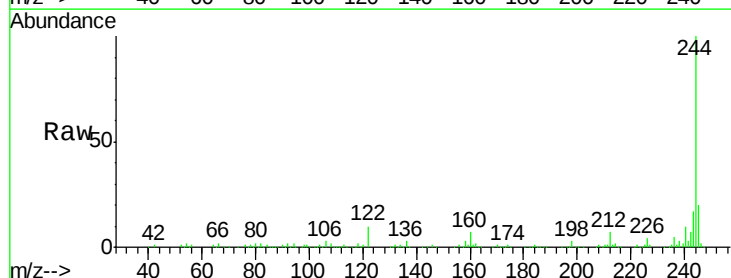
Instrument :
BNA_F
ClientSampleId :
RINSATEBLANK

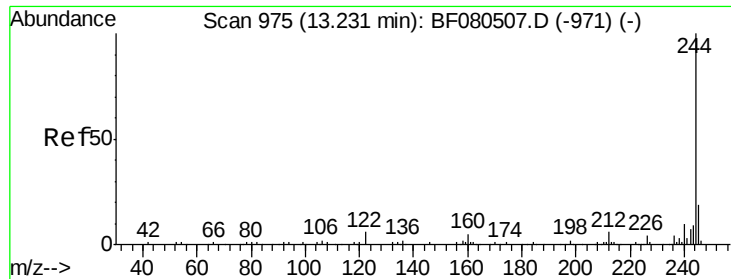
Tot Ion:240 Resp: 96739
Ion Ratio Lower Upper
240 100
120 10.8 16.2 24.2#
236 25.8 18.4 27.6



#77
Pyrene
Concen: 0.12 ng
RT: 13.21 min Scan# 973
Delta R.T. 0.13 min
Lab File: BF080530.D
Acq: 17 Jul 2015 1:56

Tgt Ion:202 Resp: 774
Ion Ratio Lower Upper
202 100
200 45.2 15.0 22.4#
203 0.0 14.1 21.1#

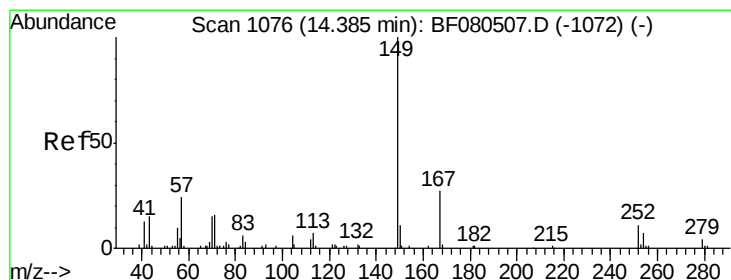
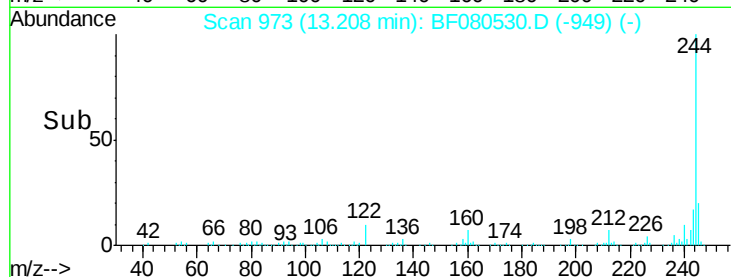
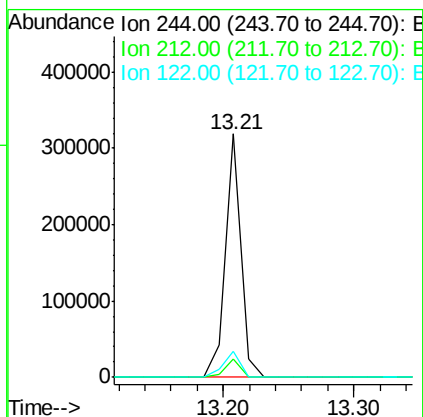
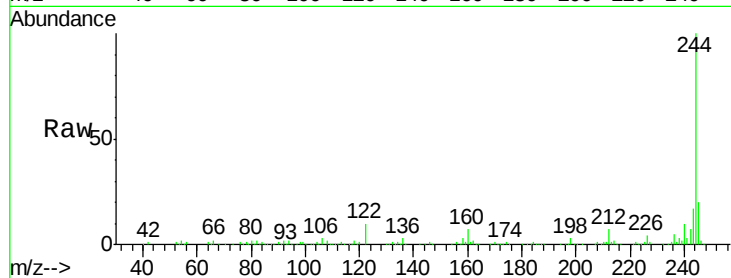




#78
 Terphenyl-d14
 Concen: 57.18 ng
 RT: 13.21 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF080530.D
 Acq: 17 Jul 2015 1:56

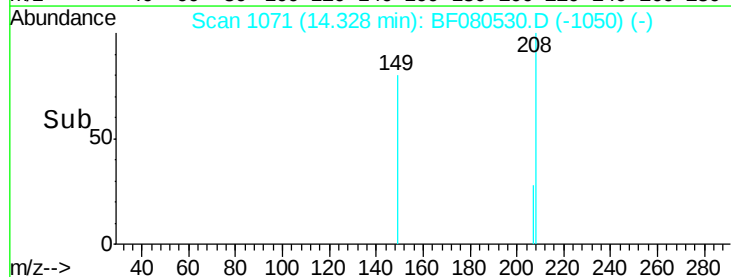
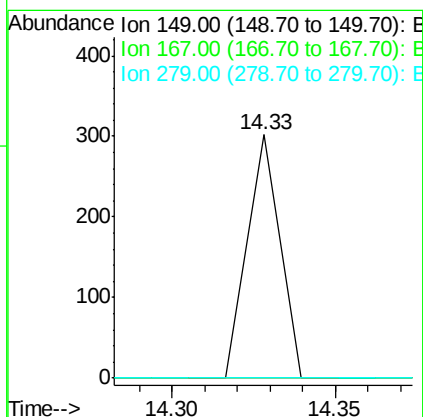
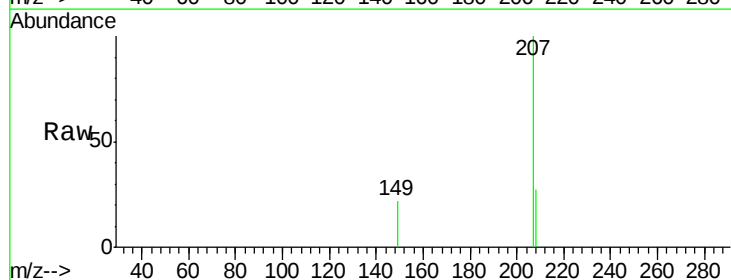
Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

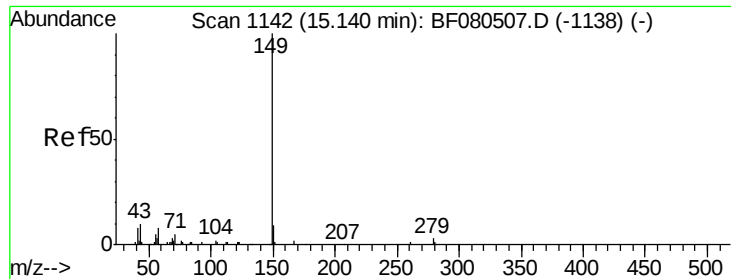
Tot Ion:244 Resp: 266770
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.3 6.5#
 122 10.5 17.4 26.2#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.06 ng
 RT: 14.33 min Scan# 1071
 Delta R.T. -0.06 min
 Lab File: BF080530.D
 Acq: 17 Jul 2015 1:56

Tgt Ion:149 Resp: 207
 Ion Ratio Lower Upper
 149 100
 167 0.0 24.2 36.2#
 279 0.0 3.8 5.6#

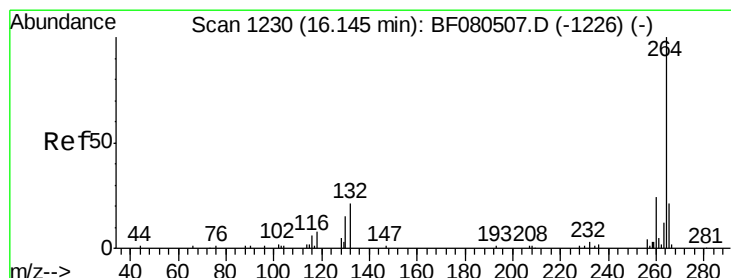
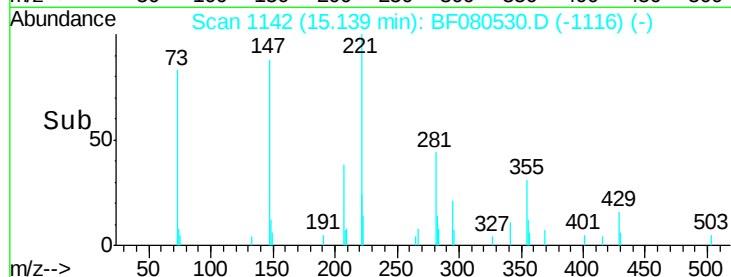
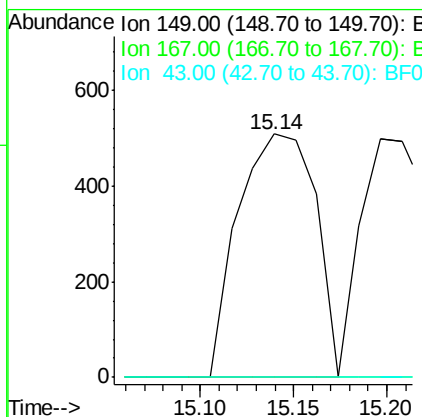
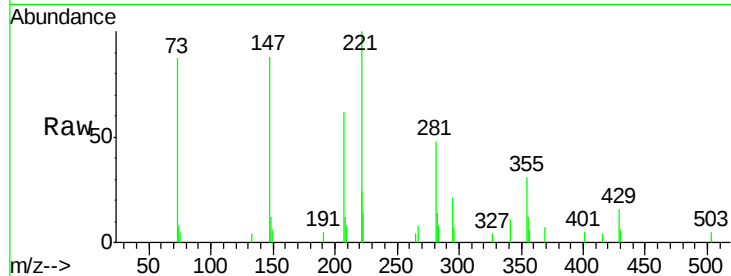




#84
Di-n-octyl phthalate
Concen: 6.05 ng
RT: 15.14 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF080530.D
Acq: 17 Jul 2015 1:56

Instrument :
BNA_F
ClientSampleId :
RINSATEBLANK

Tot Ion:149 Resp: 1467
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 0.0 10.2 15.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.04 min Scan# 1221
Delta R.T. -0.10 min
Lab File: BF080530.D
Acq: 17 Jul 2015 1:56

Tgt Ion:264 Resp: 91785
Ion Ratio Lower Upper
264 100
260 24.2 16.7 25.1
265 21.0 17.2 25.8

