

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080899.D
 Acq On : 6 Aug 2015 20:32
 Operator : TP/UM
 Sample : G3186-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 04:01:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	58038	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	226779	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	110139	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	229387	20.00	ng	0.00
75) Chrysene-d12	13.95	240	217276	20.00	ng	-0.01
86) Perylene-d12	15.36	264	188433	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	398239	109.39	ng	0.01
7) Phenol-d6	6.44	99	550623	109.87	ng	0.00
23) Nitrobenzene-d5	7.37	82	386950	80.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	170958	144.51	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	672147	86.98	ng	0.00
78) Terphenyl-d14	12.91	244	691689	67.12	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.58	93	662	0.09	ng	# 1
8) 2-Chlorophenol	6.59	128	268	0.06	ng	# 33
9) Benzaldehyde	6.58	77	12425	3.60	ng	# 85
10) Phenol	6.58	94	988	0.16	ng	# 1
11) bis(2-Chloroethyl)ether	6.58	93	662	0.16	ng	# 1
12) 1,3-Dichlorobenzene	6.83	146	209	0.05	ng	# 26
13) 1,4-Dichlorobenzene	6.83	146	209	0.05	ng	# 24
14) 1,2-Dichlorobenzene	6.83	146	209	0.05	ng	# 22
15) Benzyl Alcohol	6.97	79	6691	1.68	ng	# 50
19) n-Nitroso-di-n-propylamine	7.37	70	49255	13.80	ng	# 79
22) Acetophenone	7.22	105	473	0.08	ng	# 36
24) Nitrobenzene	7.37	77	1009	0.21	ng	# 47
25) Isophorone	7.37	82	367337	39.81	ng	# 67
27) 2,4-Dimethylphenol	7.79	122	685	0.17	ng	# 4
31) Naphthalene	8.21	128	291	0.02	ng	# 1
32) Benzoic acid	7.79	122	685	0.27	ng	# 85
35) Caprolactam	8.42	113	264	0.22	ng	# 1
45) 1,1'-Biphenyl	9.17	154	1247	0.13	ng	# 1
47) 2-Nitroaniline	9.17	65	1323	0.45	ng	# 1
50) 2,6-Dinitrotoluene	9.85	165	13835	7.38	ng	# 5
51) Acenaphthene	9.85	154	312	0.04	ng	# 4
56) 2,4-Dinitrotoluene	9.85	165	13835	5.48	ng	# 6
57) Fluorene	10.62	166	6213	0.76	ng	# 84
59) Diethylphthalate	10.26	149	1370	0.14	ng	# 62
62) Azobenzene	10.62	77	543	0.05	ng	# 1
65) n-Nitrosodiphenylamine	10.62	169	5314	0.65	ng	# 43
66) 4-Bromophenyl-phenylether	10.64	248	10489	4.21	ng	# 1
72) Carbazole	11.55	167	220	0.02	ng	# 59
73) Di-n-butylphthalate	11.89	149	3083	0.19	ng	# 78
77) Pyrene	12.91	202	2288	0.14	ng	# 63
79) Butylbenzylphthalate	13.38	149	858	0.11	ng	# 74
80) Benzo(a)anthracene	13.95	228	431	0.03	ng	# 52
82) Chrysene	13.95	228	431	0.03	ng	# 49
83) Bis(2-ethylhexyl)phthalate	13.94	149	6122	0.58	ng	# 92

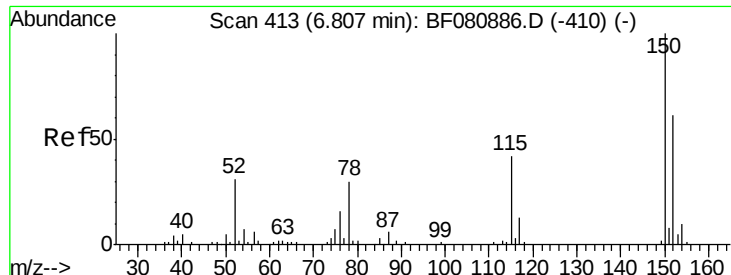
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
Data File : BF080899.D
Acq On : 6 Aug 2015 20:32
Operator : TP/UM
Sample : G3186-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 07 04:01:38 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 03:17:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	14.59	149	1880	0.10	ng	# 3
89) Benzo(a)pyrene	15.36	252	405	0.04	ng	# 60

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

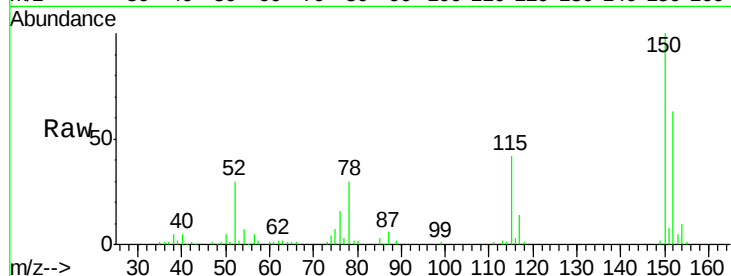


#1

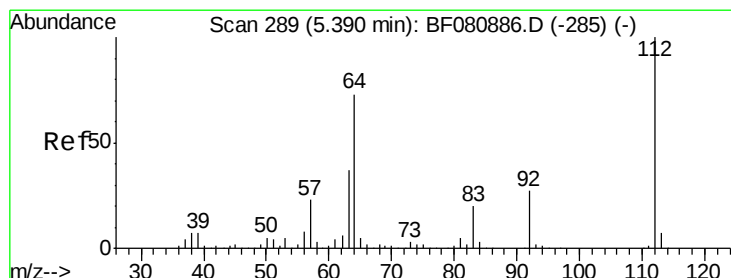
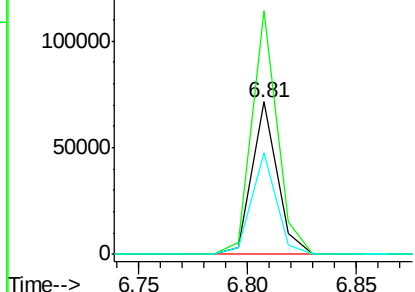
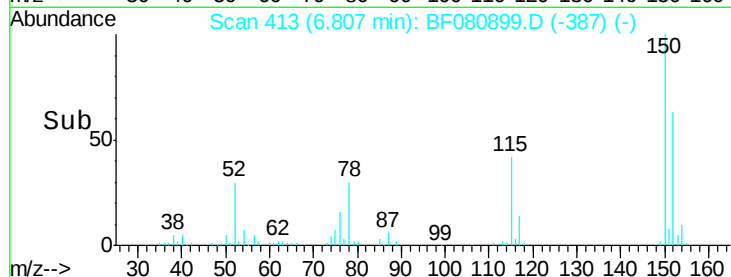
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080899.D
Acq: 6 Aug 2015 20:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 58038
Ion Ratio Lower Upper
152 100
150 159.8 132.2 198.2
115 66.7 54.9 82.3



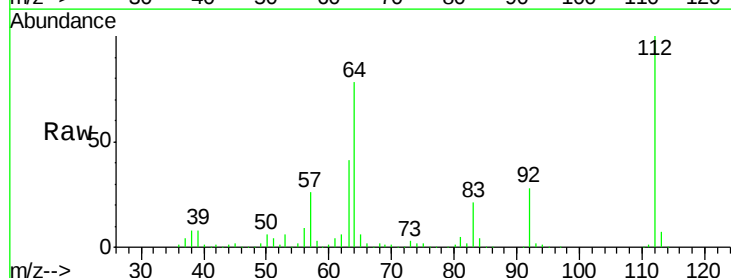
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



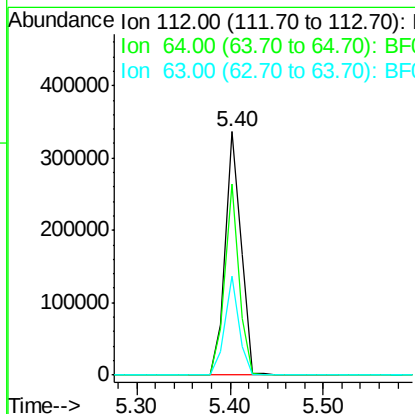
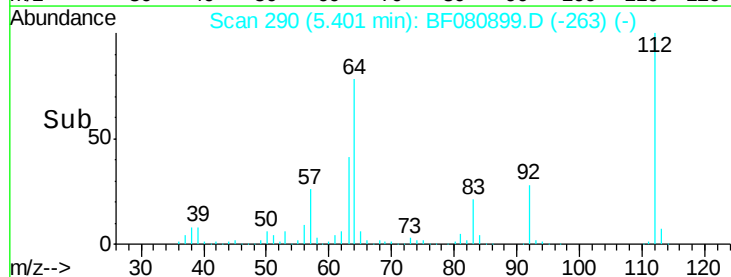
#5

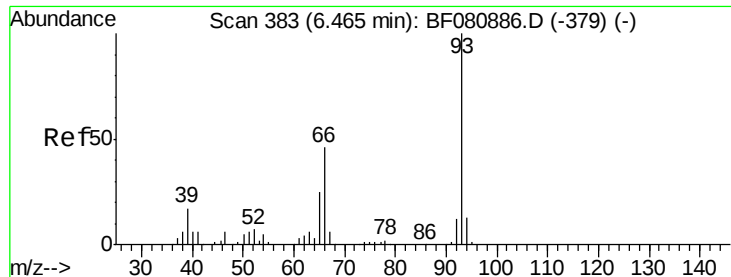
2-Fluorophenol
Concen: 109.39 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF080899.D
Acq: 6 Aug 2015 20:32

Tgt Ion:112 Resp: 398239
Ion Ratio Lower Upper
112 100
64 78.4 58.0 87.0
63 40.9 29.8 44.8



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





#6

Aniline

Concen: 0.09 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.11 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

Instrument :

BNA_F

ClientSampleId :

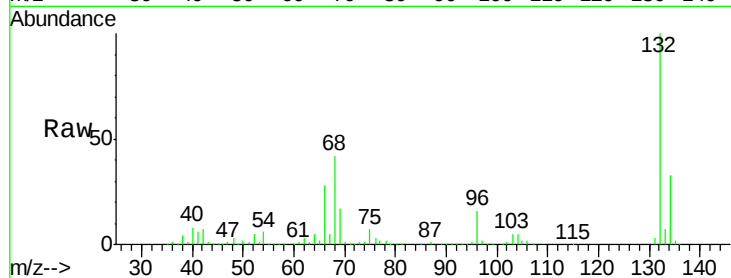
Tot Ion: 93 Resp: 662

Ion Ratio Lower Upper

93 100

66 20175.9 37.4 56.0#

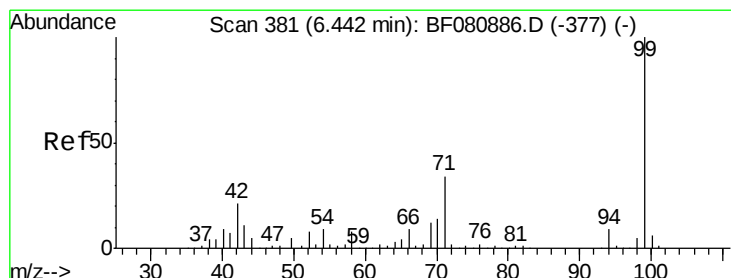
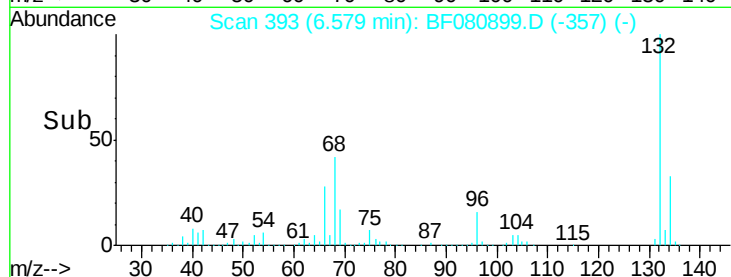
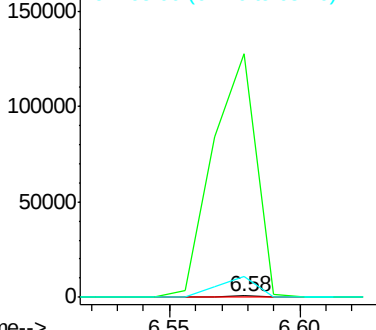
65 1743.5 19.8 29.6#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 109.87 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

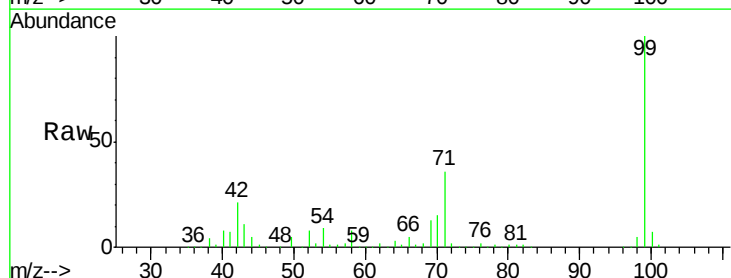
Tgt Ion: 99 Resp: 550623

Ion Ratio Lower Upper

99 100

42 21.2 16.8 25.2

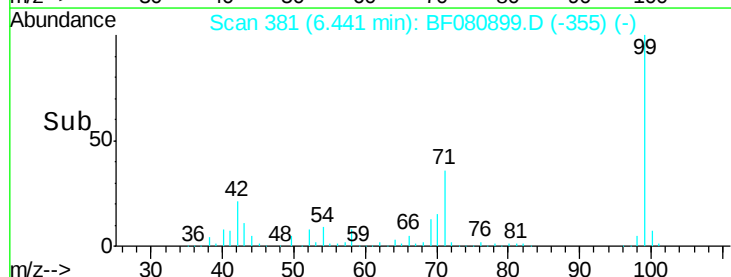
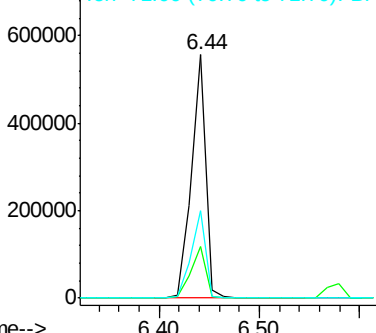
71 35.7 27.4 41.0

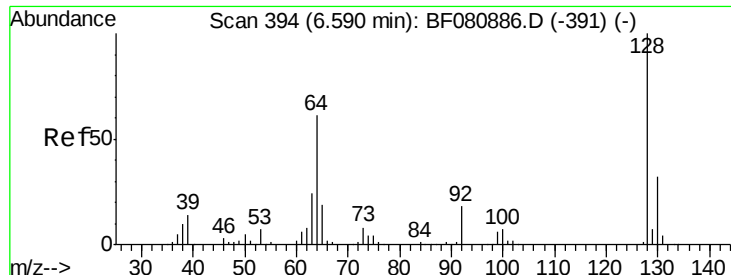


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 0.06 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

Instrument :

BNA_F

ClientSampleId :

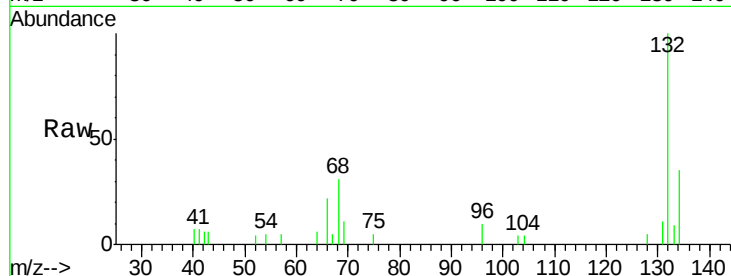
Tot Ion:128 Resp: 268

Ion Ratio Lower Upper

128 100

130 0.0 12.1 52.1#

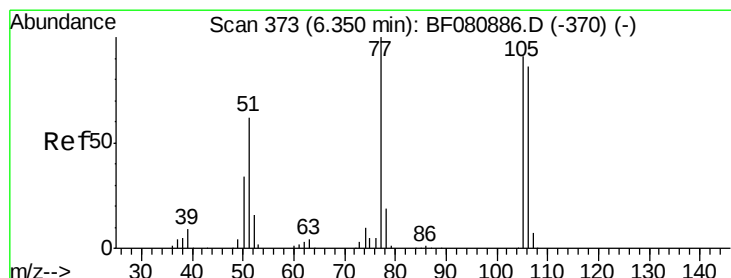
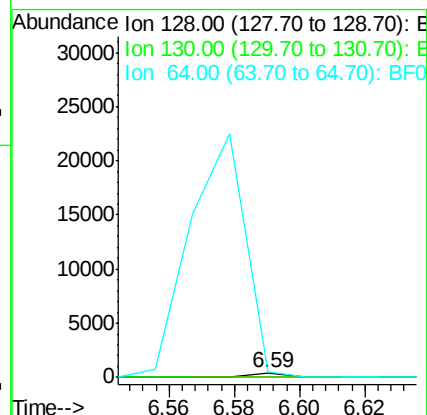
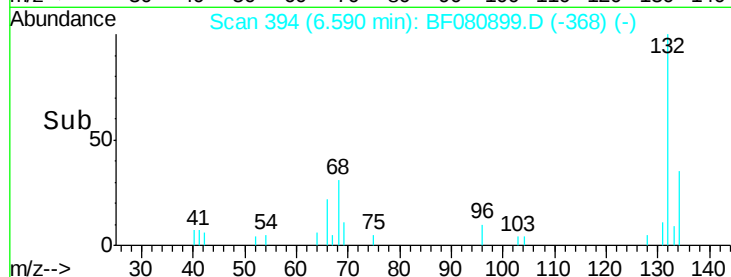
64 116.1 41.3 81.3#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 3.60 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.23 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

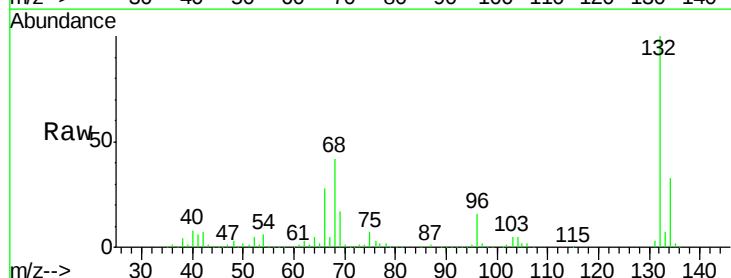
Tgt Ion: 77 Resp: 12425

Ion Ratio Lower Upper

77 100

105 78.8 70.7 110.7

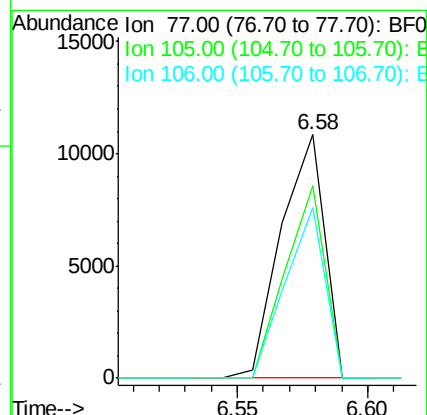
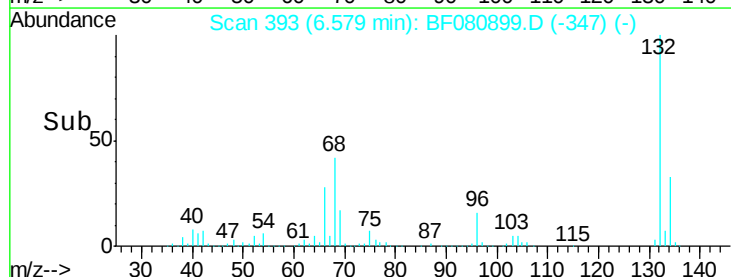
106 70.3 66.1 106.1

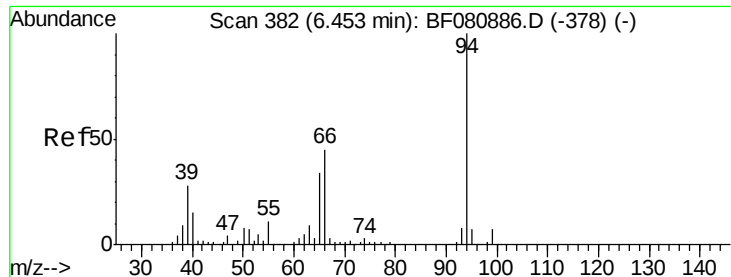


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.16 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.13 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

Instrument :

BNA_F

ClientSampleId :

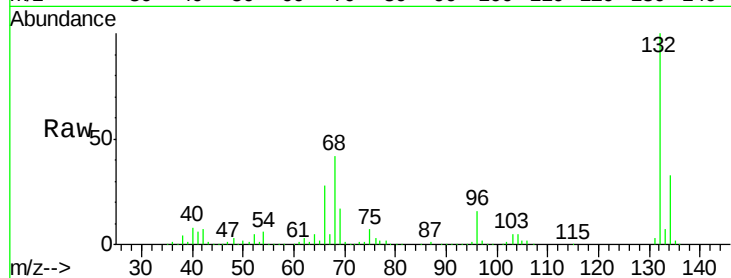
Tot Ion: 94 Resp: 988

Ion Ratio Lower Upper

94 100

65 1190.0 14.0 54.0#

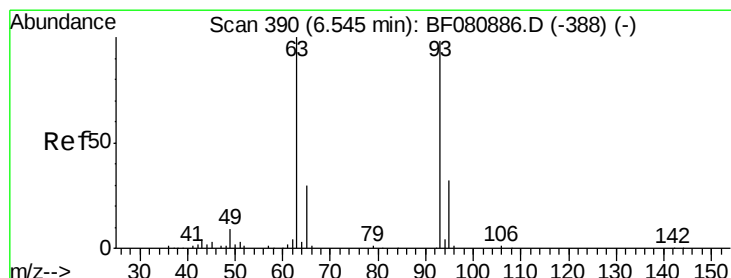
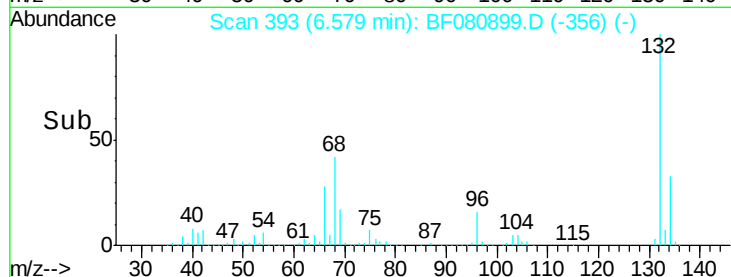
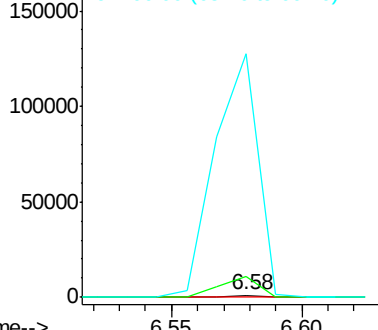
66 13770.2 24.6 64.6#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 0.16 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.03 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

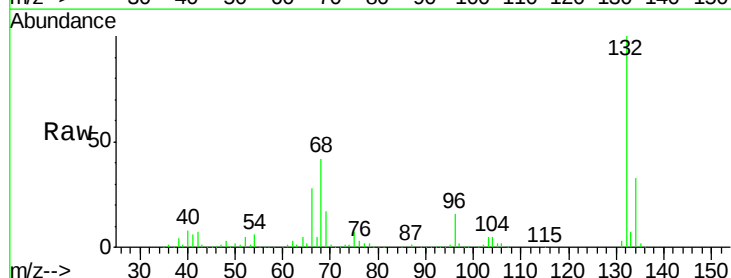
Tgt Ion: 93 Resp: 662

Ion Ratio Lower Upper

93 100

63 867.7 81.4 121.4#

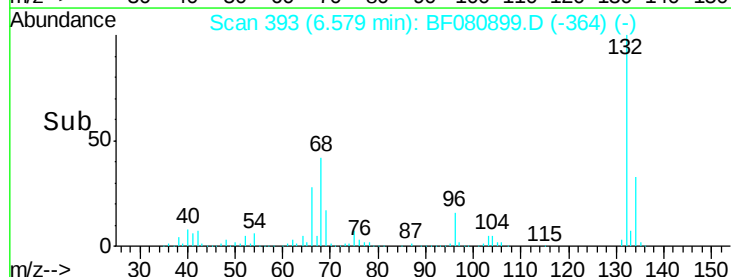
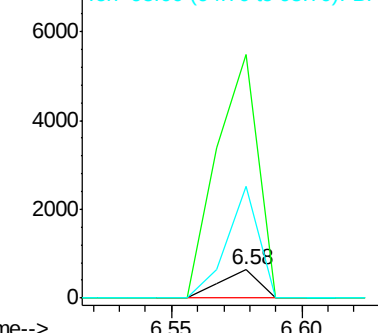
95 400.3 12.1 52.1#

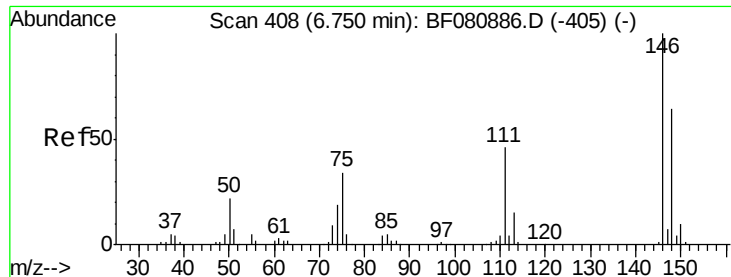


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

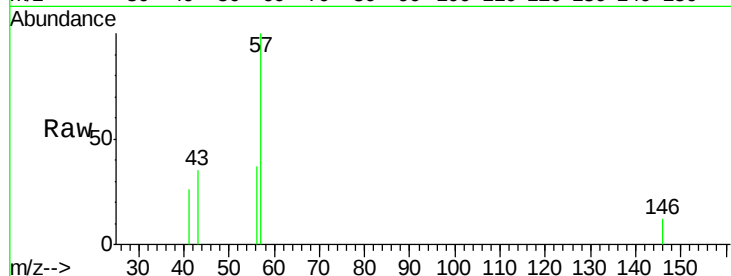




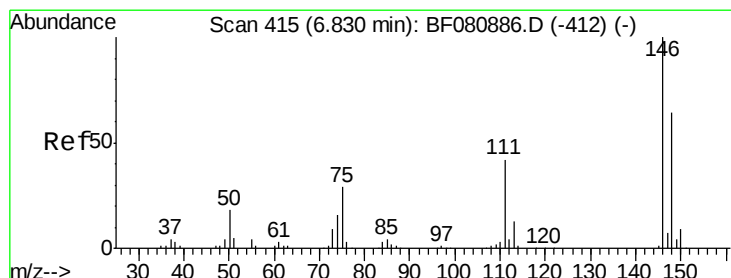
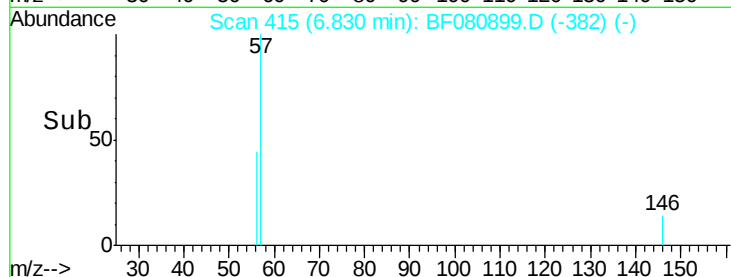
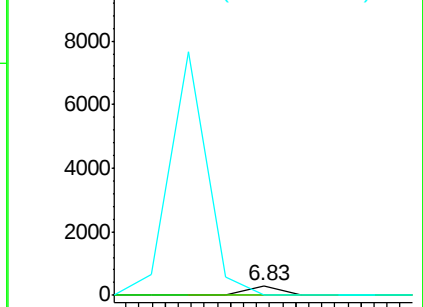
#12
 1,3-Dichlorobenzene
 Concen: 0.05 ng
 RT: 6.83 min Scan# 415
 Delta R.T. 0.08 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.3	76.9#
75	0.0	27.0	40.4#

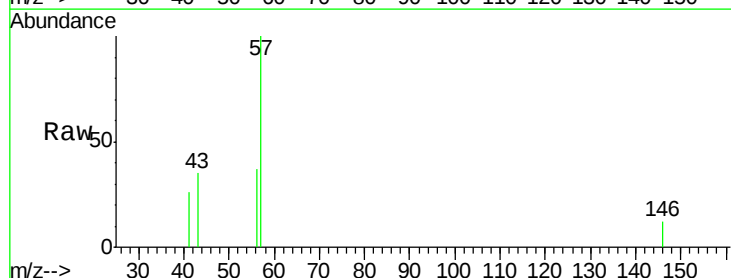


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

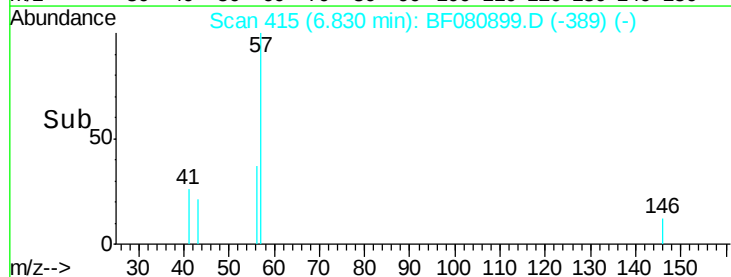
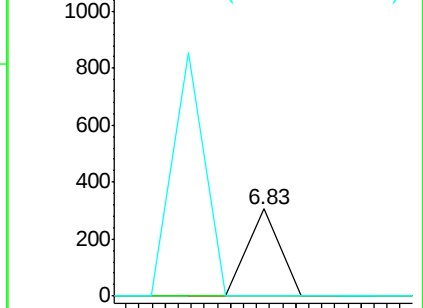


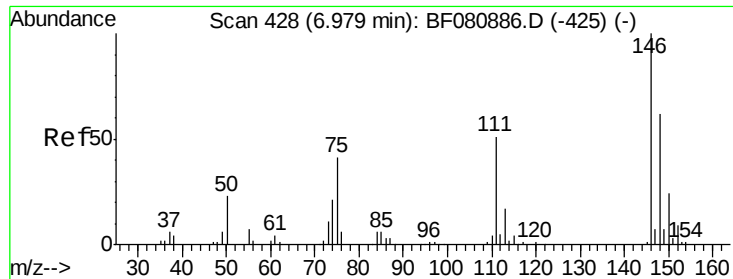
#13
 1,4-Dichlorobenzene
 Concen: 0.05 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.5	77.3#
111	0.0	33.8	50.6#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.05 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.15 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

Instrument :

BNA_F

ClientSampled :

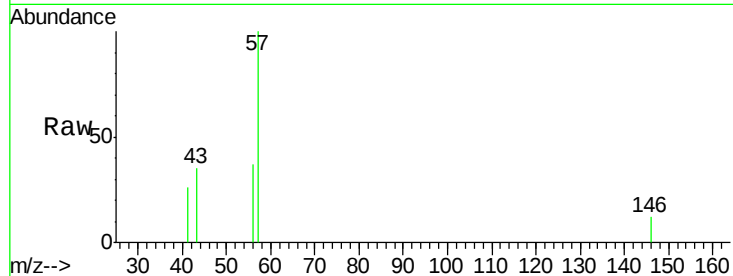
Tot Ion:146 Resp: 209

Ion Ratio Lower Upper

146 100

148 0.0 50.0 75.0#

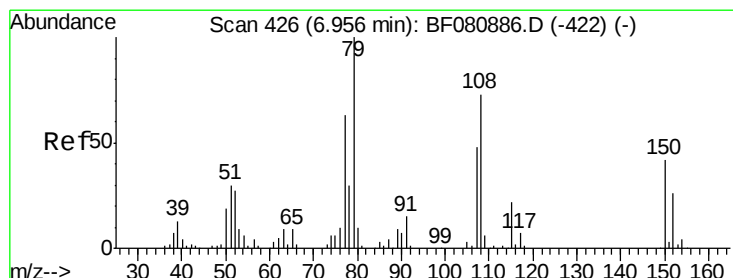
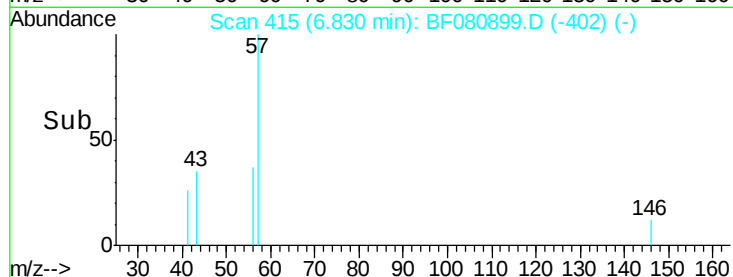
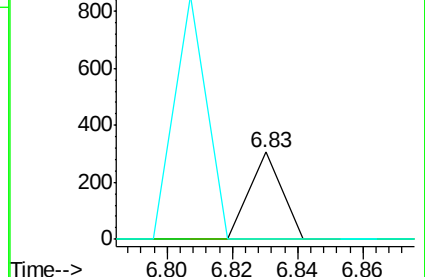
111 0.0 41.0 61.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.68 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

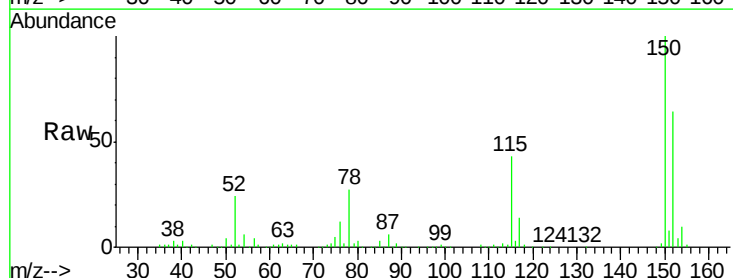
Tgt Ion: 79 Resp: 6691

Ion Ratio Lower Upper

79 100

108 28.1 58.2 87.2#

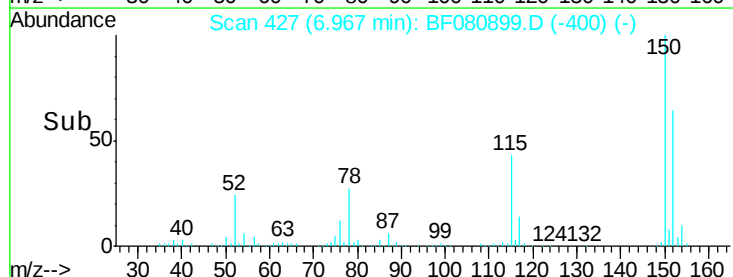
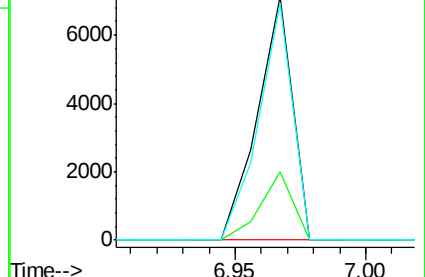
77 97.6 50.0 75.0#

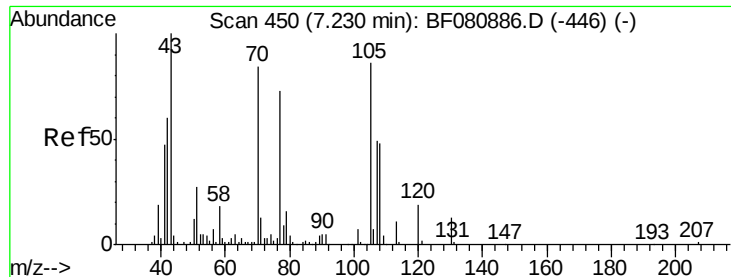


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

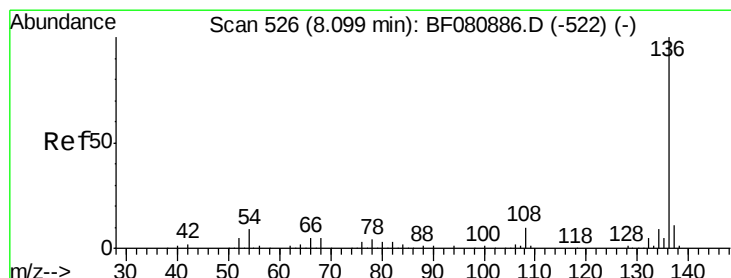
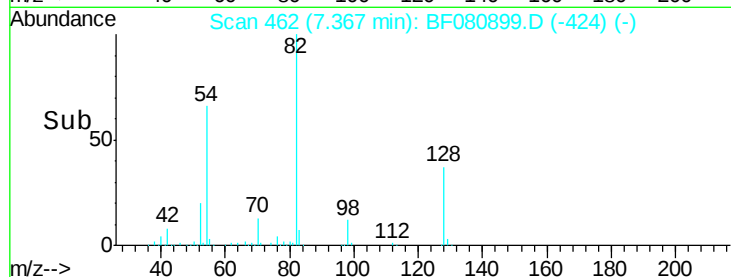
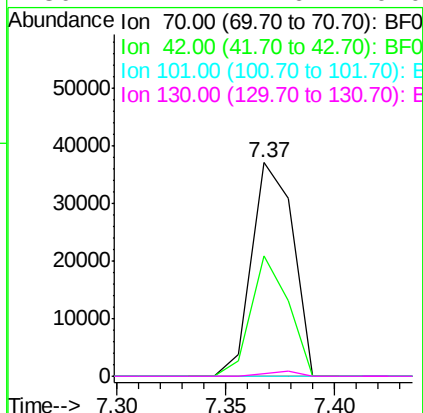
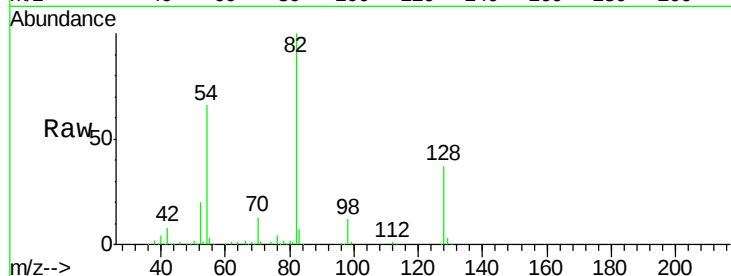




#19
n-Nitroso-di-n-propylamine
Concen: 13.80 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.14 min
Lab File: BF080899.D
Acq: 6 Aug 2015 20:32

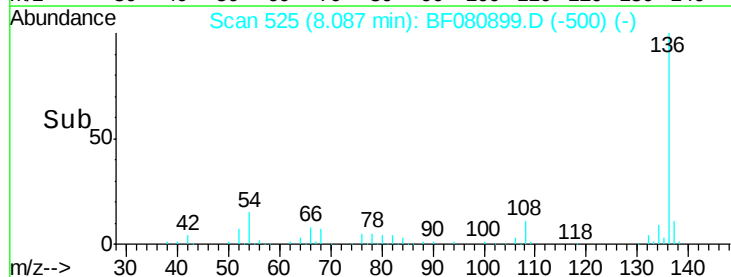
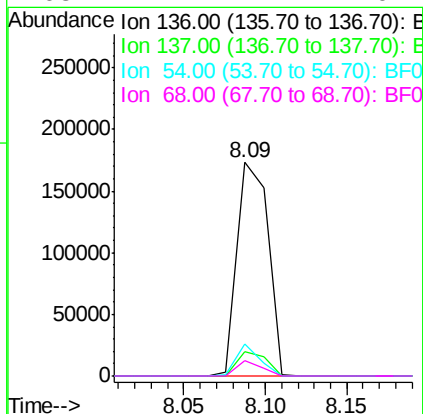
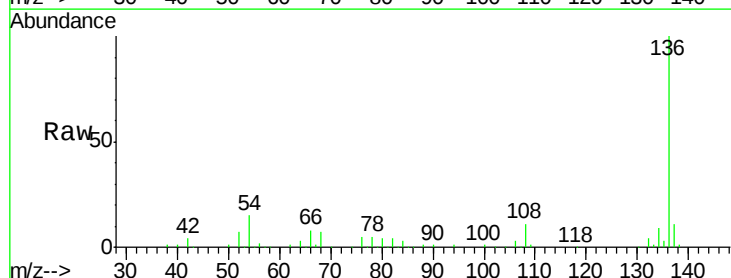
Instrument :
BNA_F
ClientSampled :

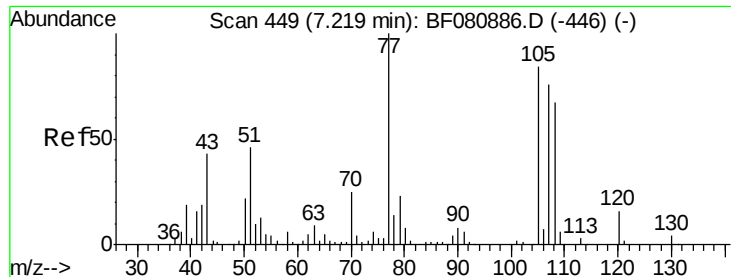
Tot Ion: 70 Resp: 49255
Ion Ratio Lower Upper
70 100
42 56.3 57.2 85.8#
101 0.0 6.6 9.8#
130 1.4 12.6 19.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF080899.D
Acq: 6 Aug 2015 20:32

Tgt Ion:136 Resp: 226779
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 14.7 7.5 11.3#
68 7.1 4.2 6.2#





#22

Acetophenone

Concen: 0.08 ng

RT: 7.22 min Scan# 449

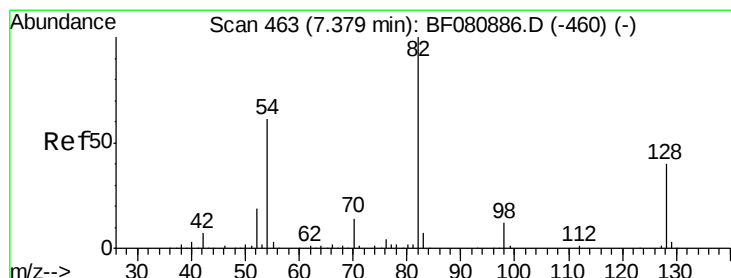
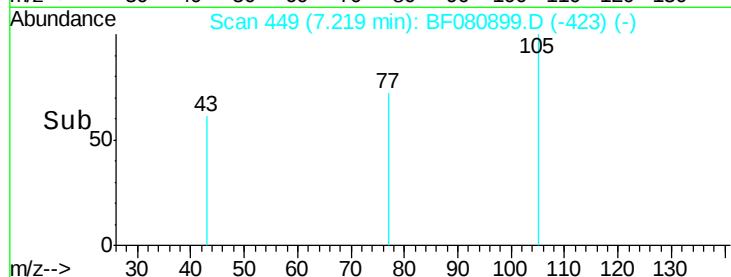
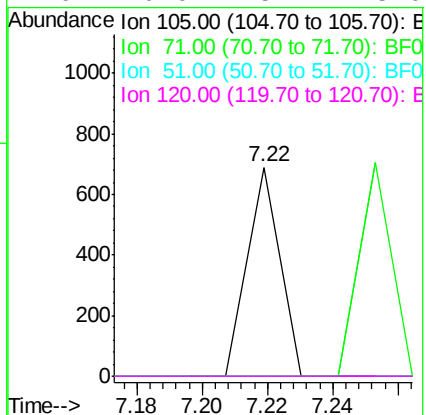
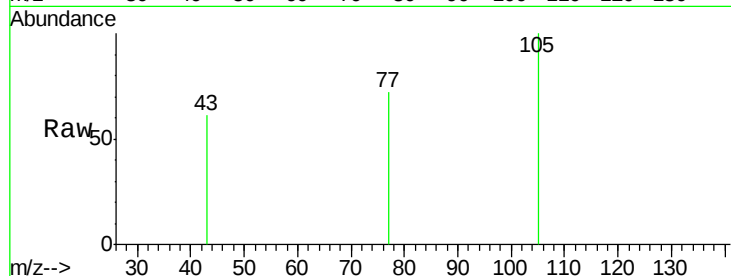
Delta R.T. -0.00 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:	105	Resp:	473
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.8	5.8#
51	0.0	44.2	66.4#
120	0.0	15.4	23.0#



#23

Nitrobenzene-d5

Concen: 80.38 ng

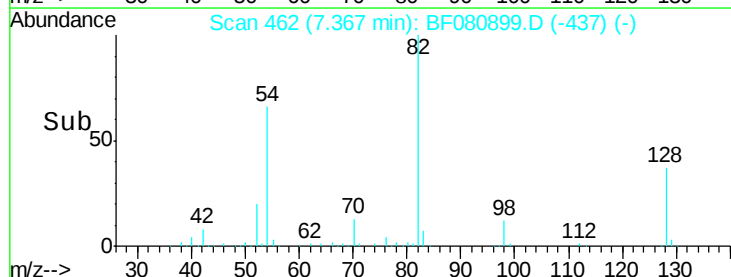
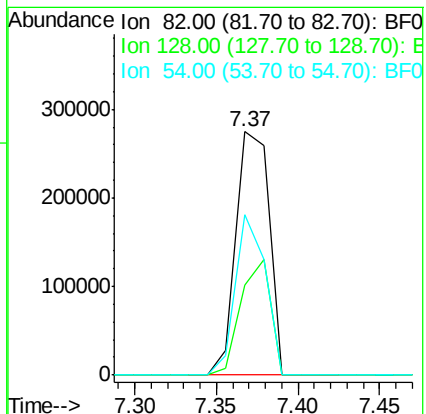
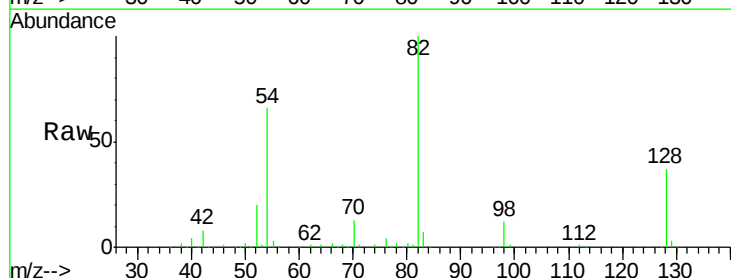
RT: 7.37 min Scan# 462

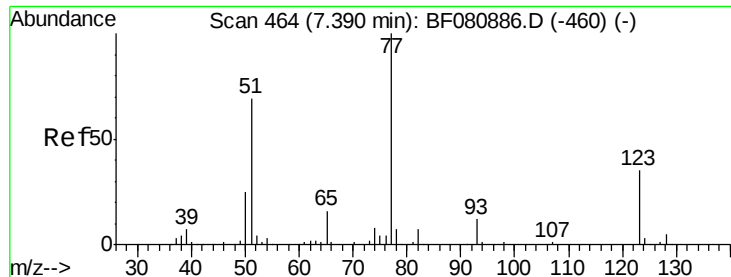
Delta R.T. -0.01 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

Tgt Ion:	82	Resp:	386950
Ion	Ratio	Lower	Upper
82	100		
128	36.8	31.8	47.6
54	66.0	48.6	72.8

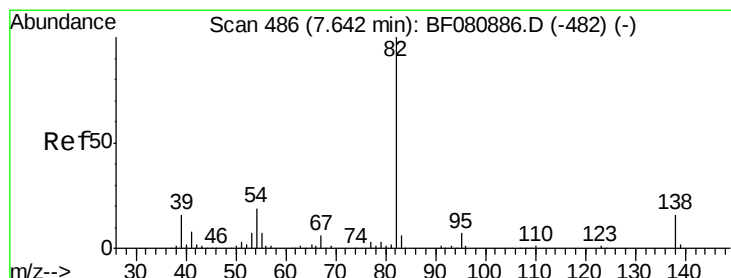
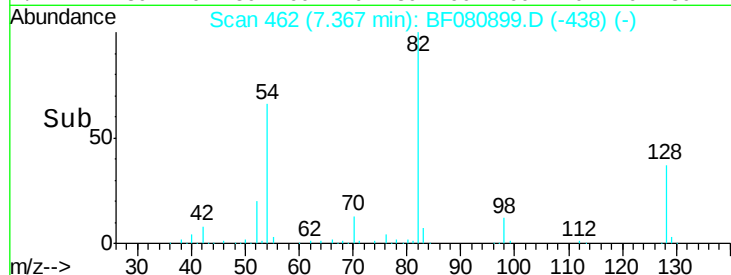
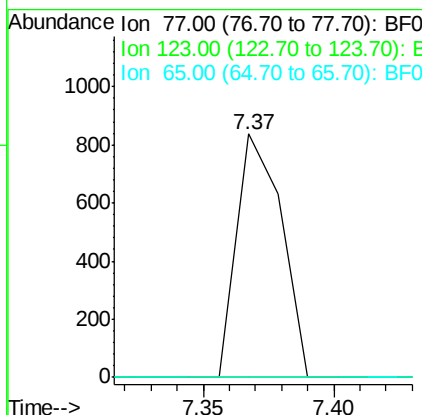
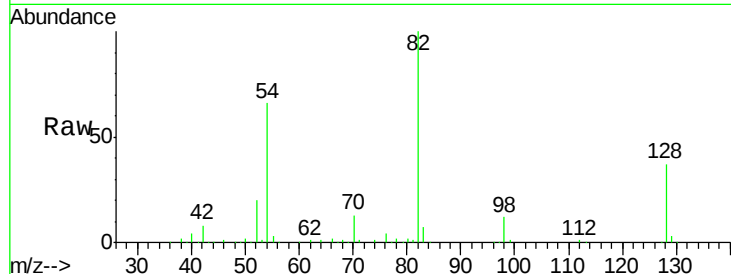




#24
 Nitrobenzene
 Concen: 0.21 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.02 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

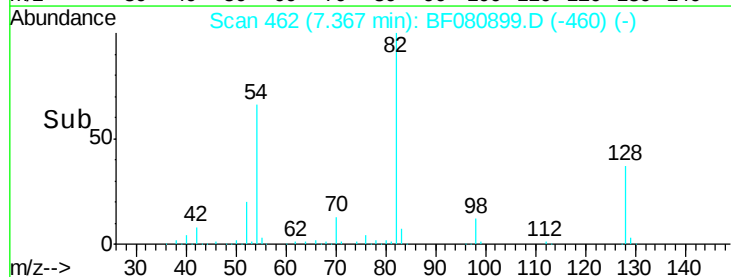
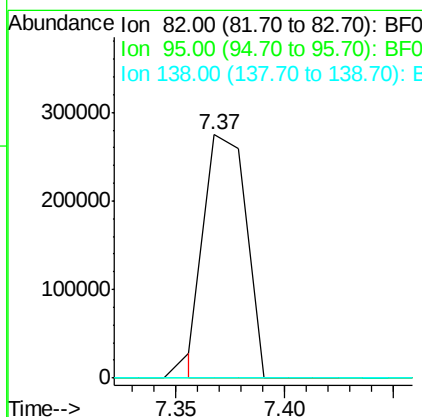
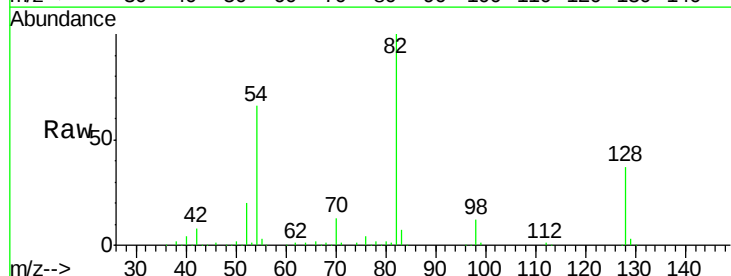
Instrument :
 BNA_F
 ClientSampleID :

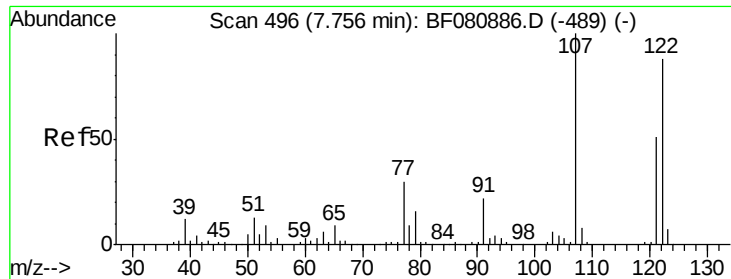
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	28.3	42.5#
65	0.0	12.5	18.7#



#25
 Isophorone
 Concen: 39.81 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.27 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.0	19.6#

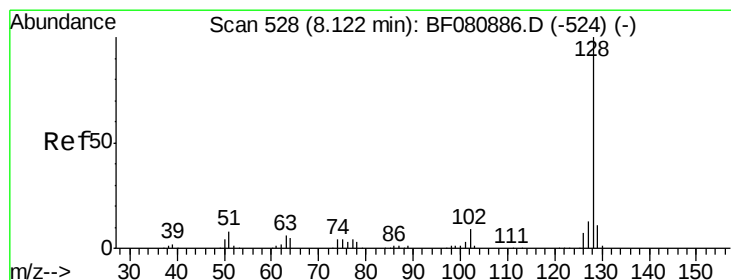
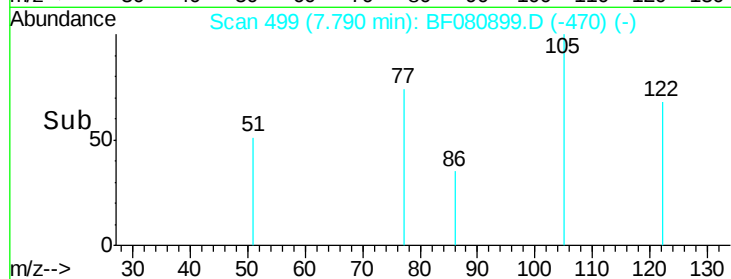
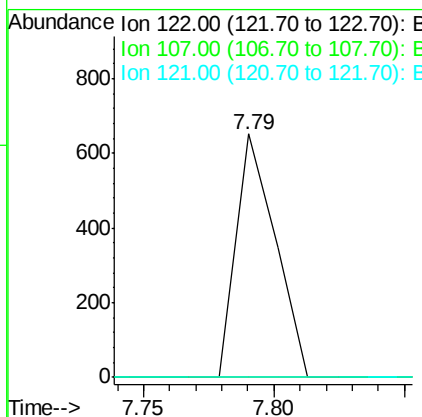
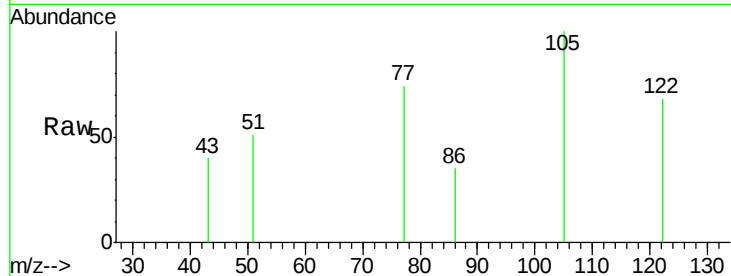




#27
 2,4-Dimethylphenol
 Concen: 0.17 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.03 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

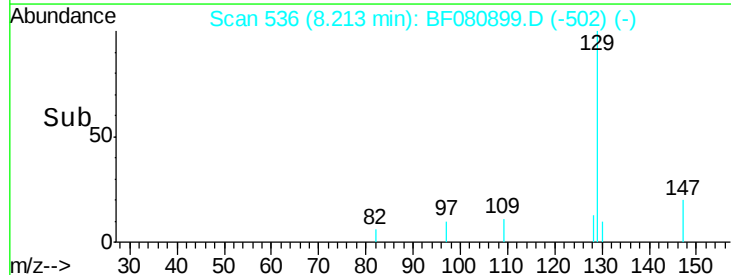
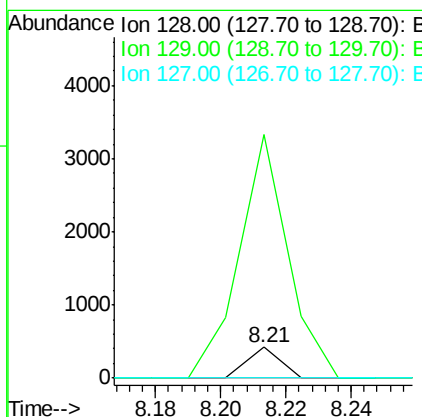
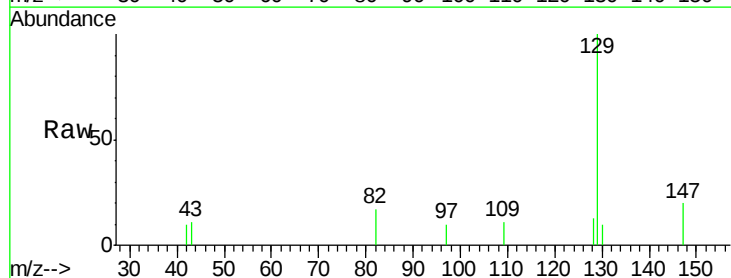
Instrument :
 BNA_F
 ClientSampled :

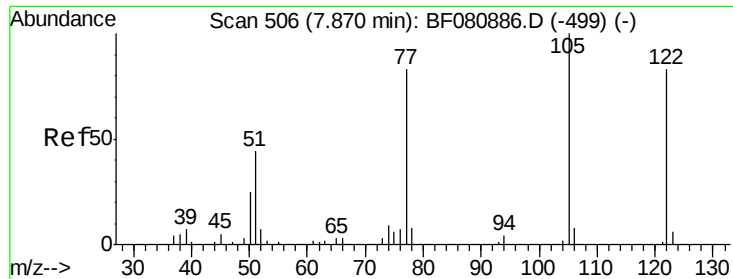
Tot Ion:122 Resp: 685
 Ion Ratio Lower Upper
 122 100
 107 0.0 91.1 136.7#
 121 0.0 46.2 69.4#



#31
 Naphthalene
 Concen: 0.02 ng
 RT: 8.21 min Scan# 536
 Delta R.T. 0.09 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

Tgt Ion:128 Resp: 291
 Ion Ratio Lower Upper
 128 100
 129 783.5 8.6 13.0#
 127 0.0 10.6 15.8#

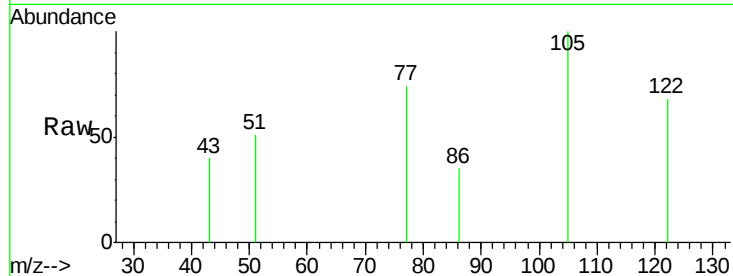




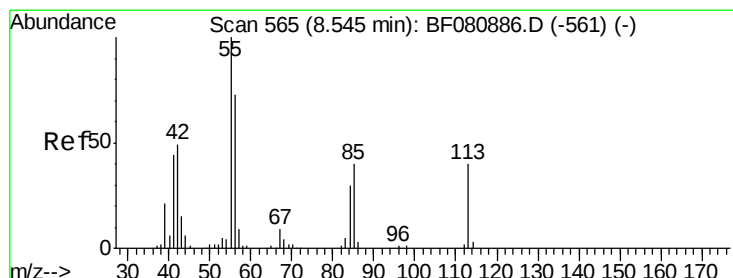
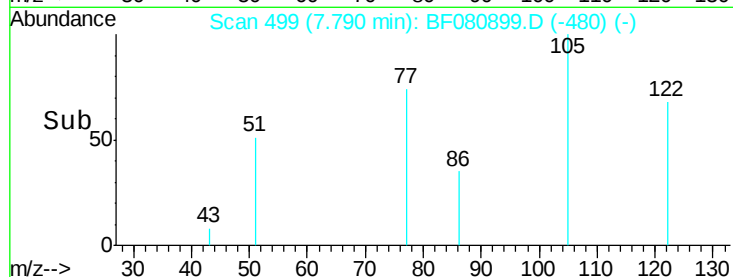
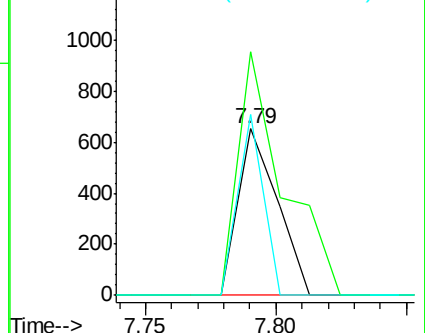
#32
Benzoic acid
Concen: 0.27 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.08 min
Lab File: BF080899.D
Acq: 6 Aug 2015 20:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 685
Ion Ratio Lower Upper
122 100
105 146.3 101.6 141.6#
77 108.4 80.9 120.9

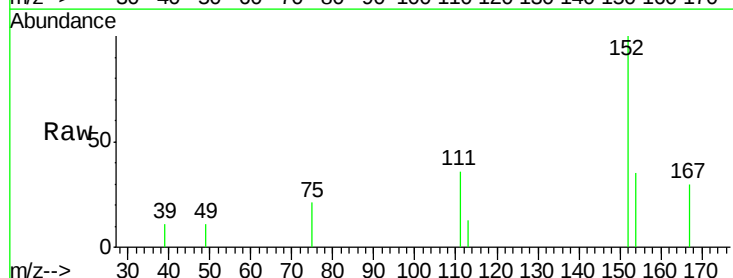


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

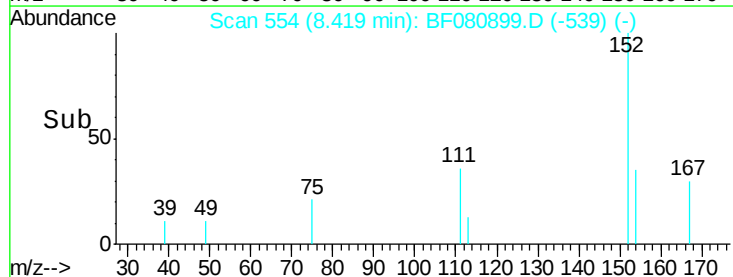
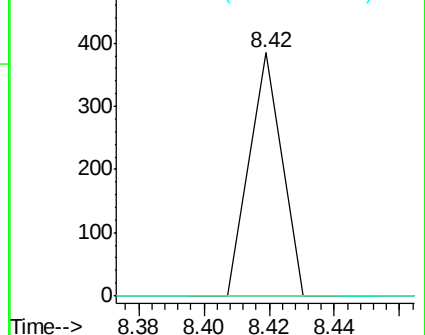


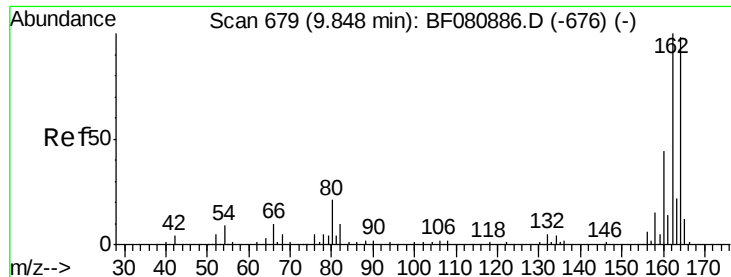
#35
Caprolactam
Concen: 0.22 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.13 min
Lab File: BF080899.D
Acq: 6 Aug 2015 20:32

Tgt Ion:113 Resp: 264
Ion Ratio Lower Upper
113 100
55 0.0 228.4 268.4#
56 0.0 161.5 201.5#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

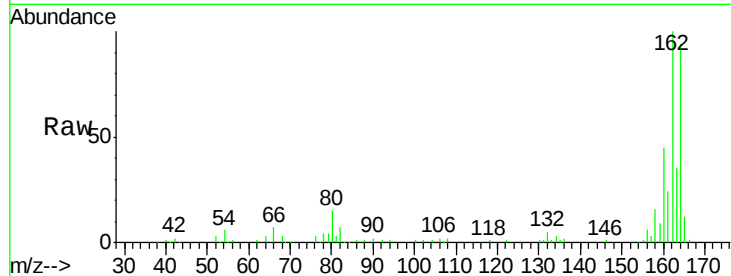




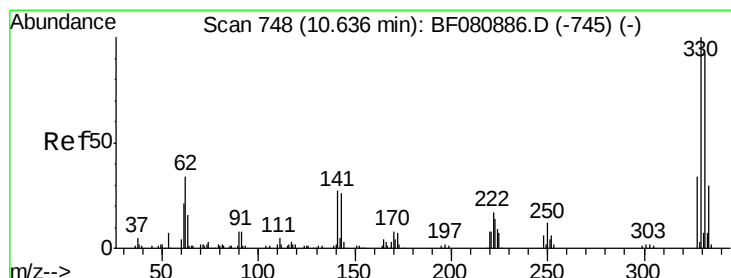
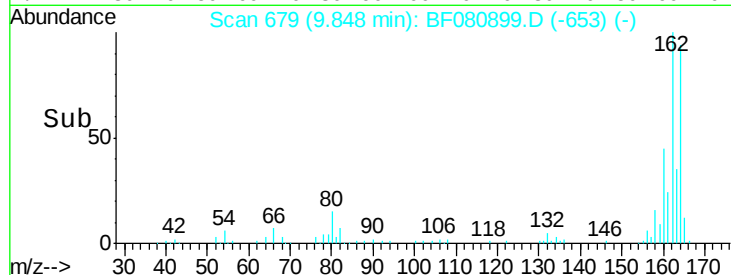
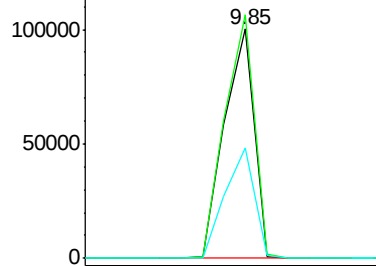
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF080899.D
Acq: 6 Aug 2015 20:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 110139
Ion Ratio Lower Upper
164 100
162 106.2 81.5 122.3
160 48.3 35.9 53.9

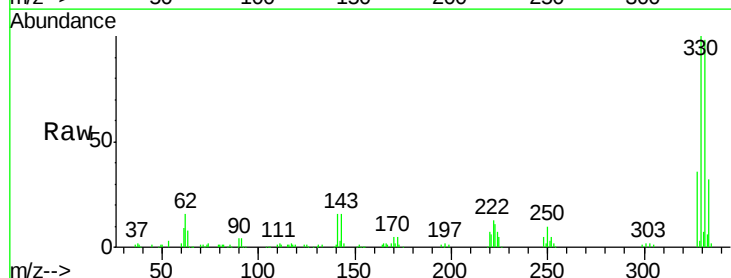


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

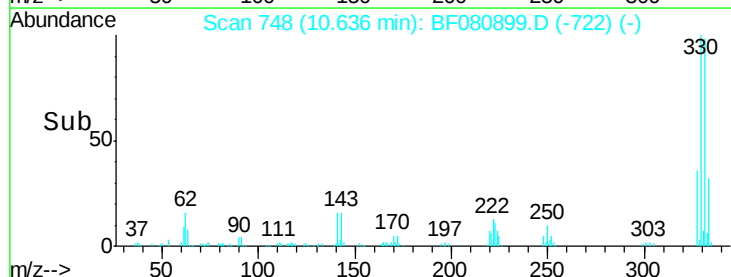
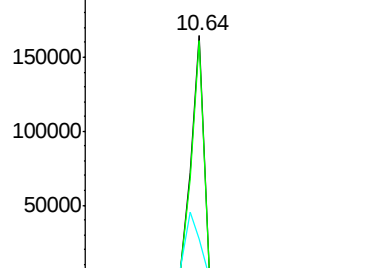


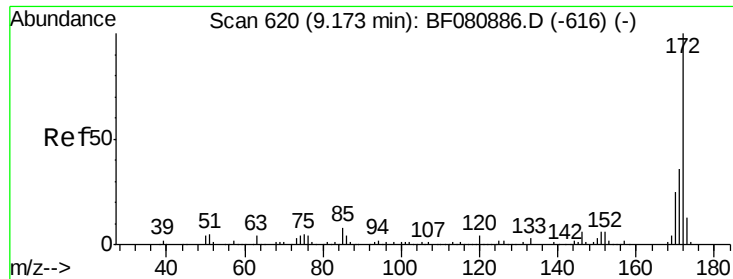
#41
2,4,6-Tribromophenol
Concen: 144.51 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF080899.D
Acq: 6 Aug 2015 20:32

Tgt Ion:330 Resp: 170958
Ion Ratio Lower Upper
330 100
332 96.8 74.1 111.1
141 32.1 30.1 45.1



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

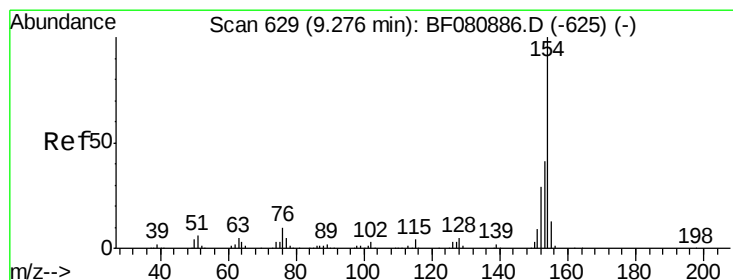
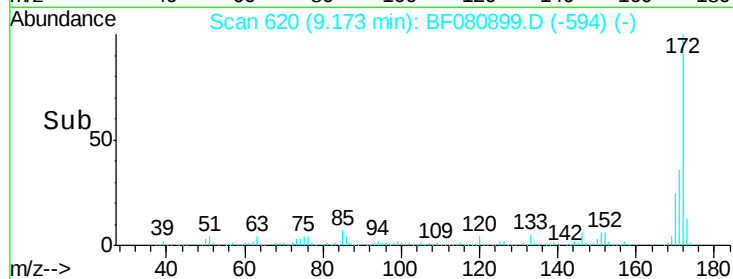
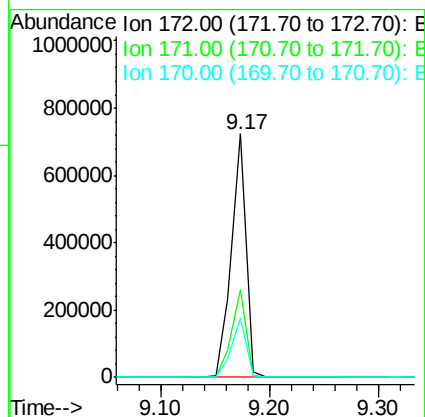
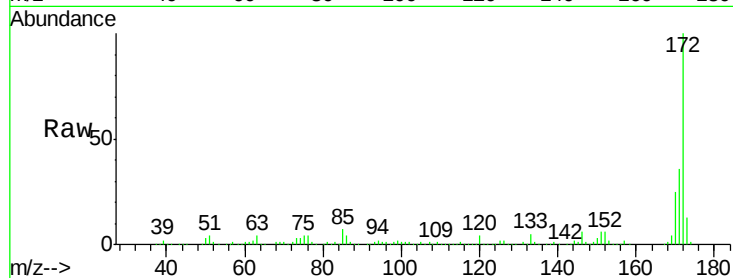




#44
 2-Fluorobiphenyl
 Concen: 86.98 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

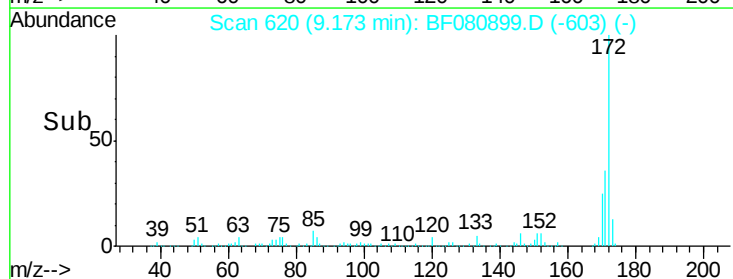
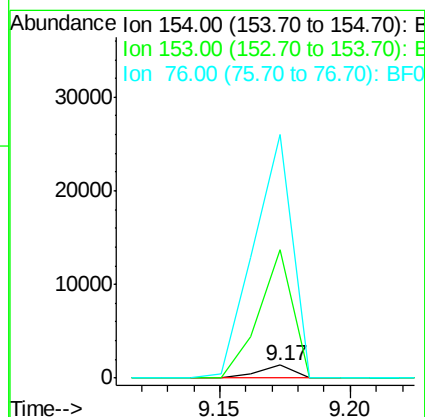
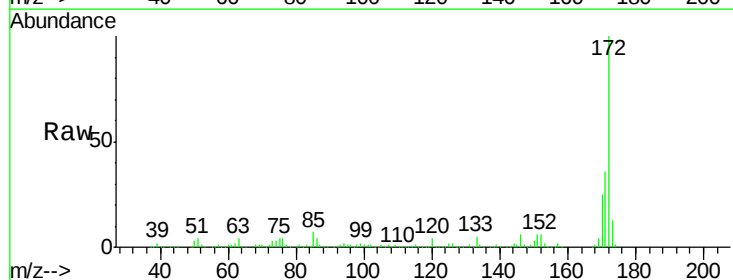
Instrument :
 BNA_F
 ClientSampled :

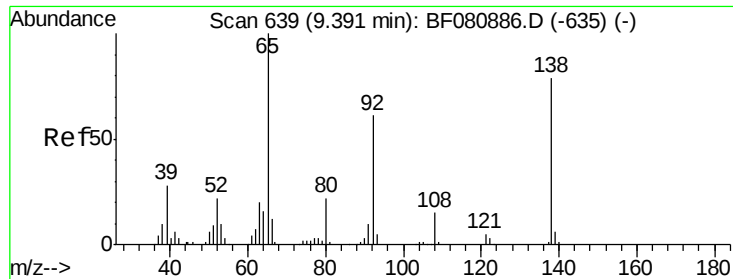
Tot Ion:172 Resp: 672147
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 24.6 19.9 29.9



#45
 1,1'-Biphenyl
 Concen: 0.13 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.10 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

Tgt Ion:154 Resp: 1247
 Ion Ratio Lower Upper
 154 100
 153 1002.8 20.8 60.8#
 76 1899.2 0.0 30.3#

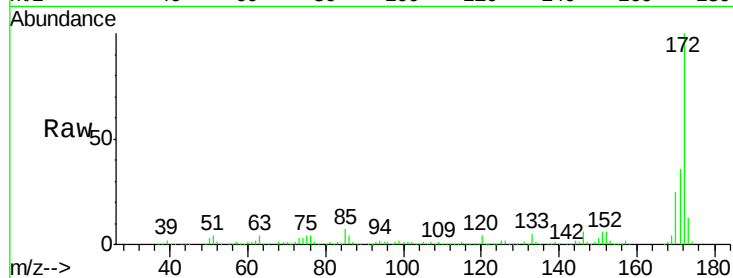




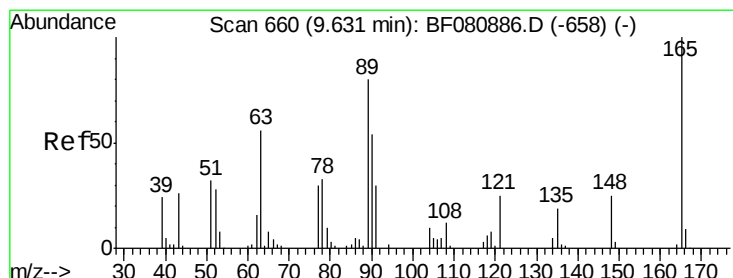
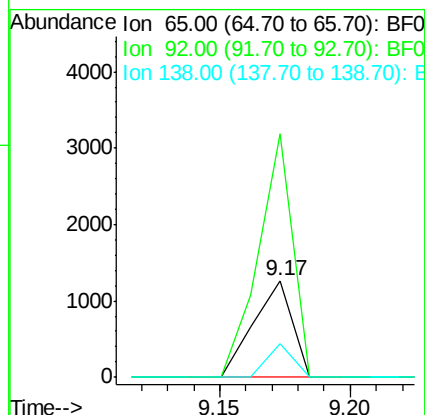
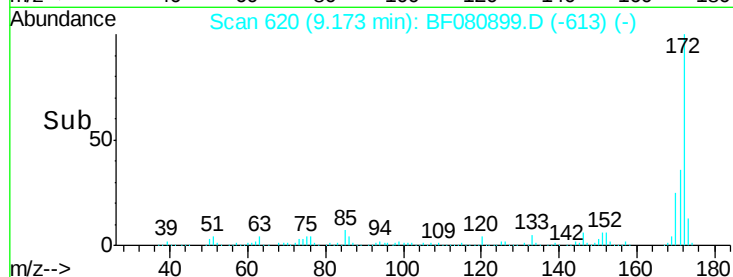
#47
 2-Nitroaniline
 Concen: 0.45 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.22 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	65	92	138
Resp	1323		
Ratio	100	251.5	34.4
Lower		48.5	63.3
Upper		72.7	94.9

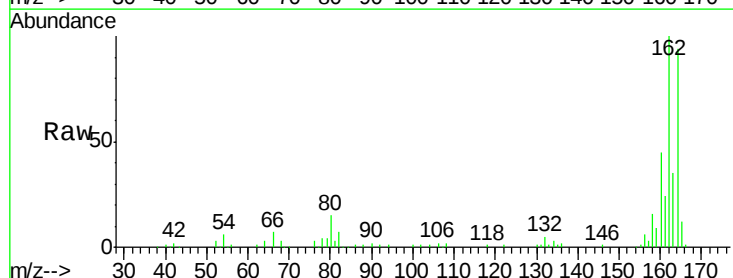


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

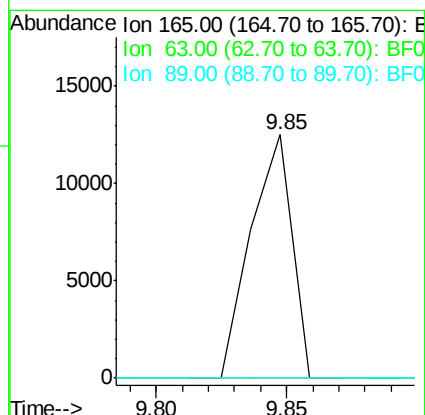
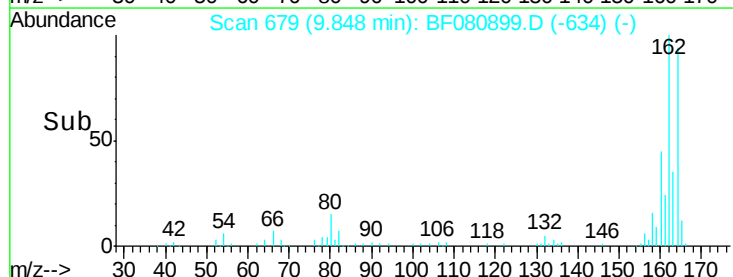


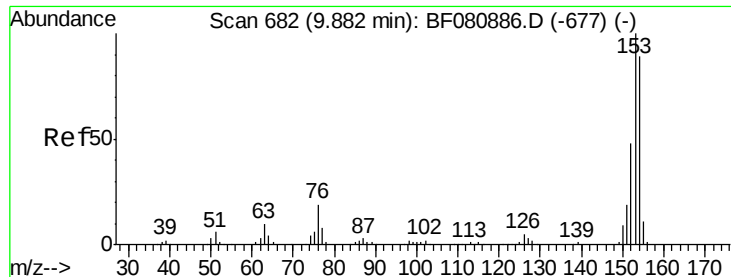
#50
 2,6-Dinitrotoluene
 Concen: 7.38 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.22 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

Tgt Ion	165	63	89
Resp	13835		
Ratio	100	0.0	0.0
Lower		77.6	63.7
Upper		116.4	95.5



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





#51

Acenaphthene

Concen: 0.04 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

Instrument :

BNA_F

ClientSampleId :

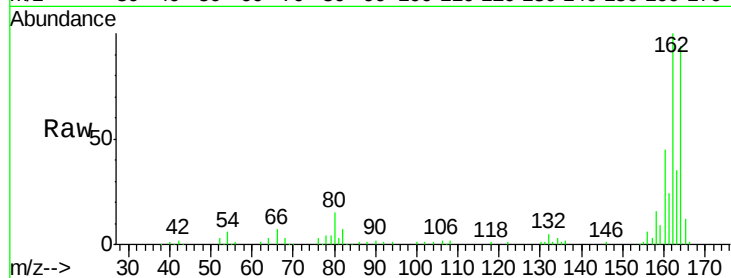
Tot Ion:154 Resp: 312

Ion Ratio Lower Upper

154 100

153 0.0 90.4 135.6#

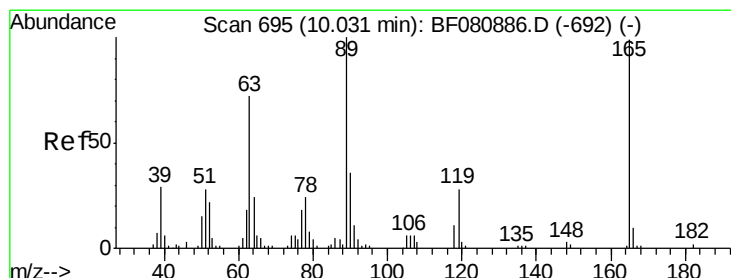
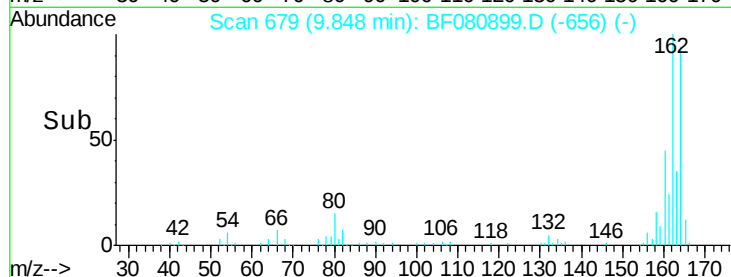
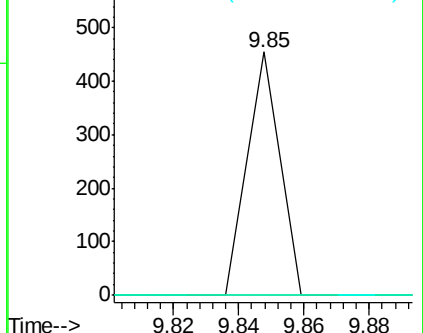
152 0.0 43.6 65.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 5.48 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.18 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

Tgt Ion:165 Resp: 13835

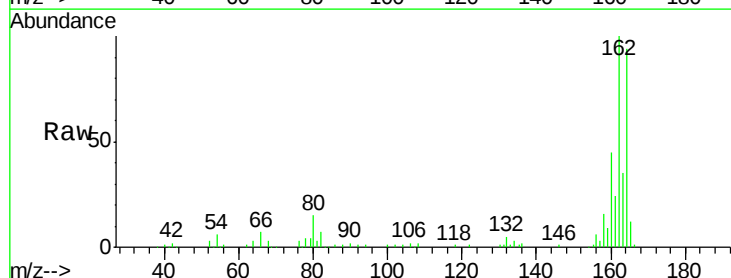
Ion Ratio Lower Upper

165 100

63 0.0 58.6 87.8#

89 0.0 80.7 121.1#

182 0.0 1.8 2.8#

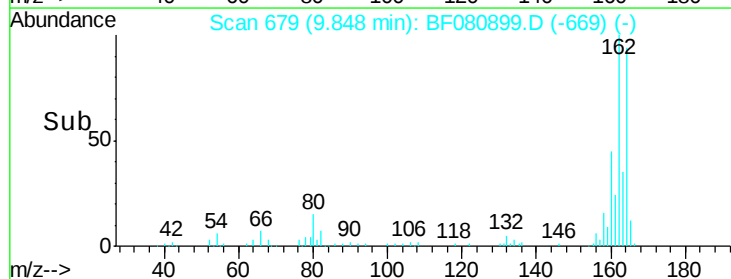
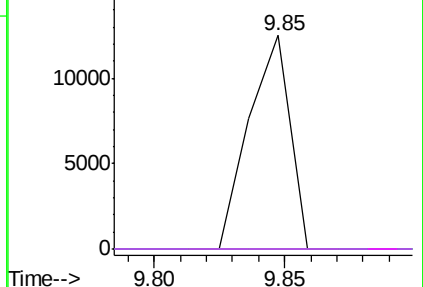


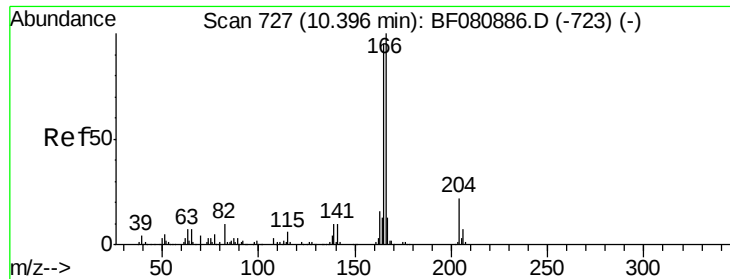
Abundance Ion 165.00 (164.70 to 165.70): E

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

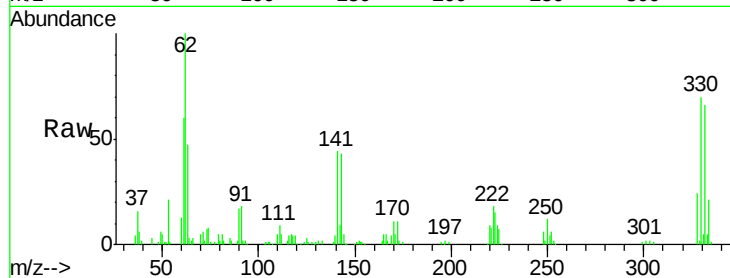




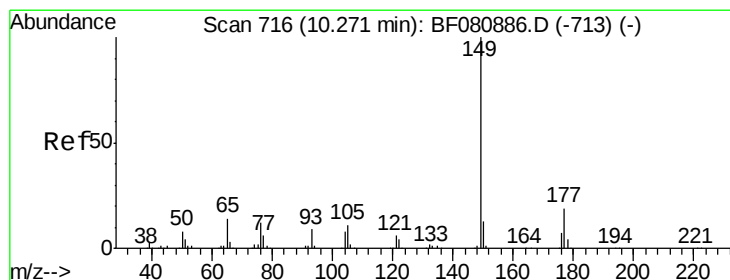
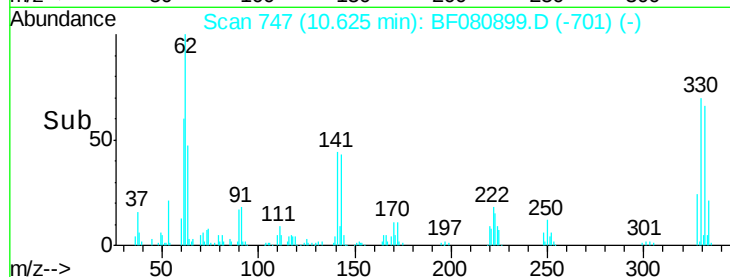
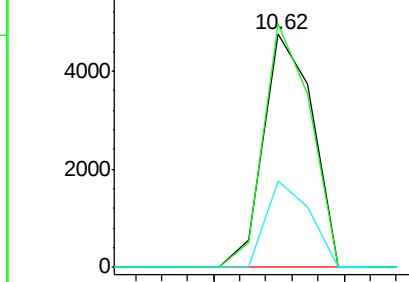
#57
 Fluorene
 Concen: 0.76 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.23 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 6213
 Ion Ratio Lower Upper
 166 100
 165 104.6 75.9 113.9
 167 36.8 10.8 16.2#

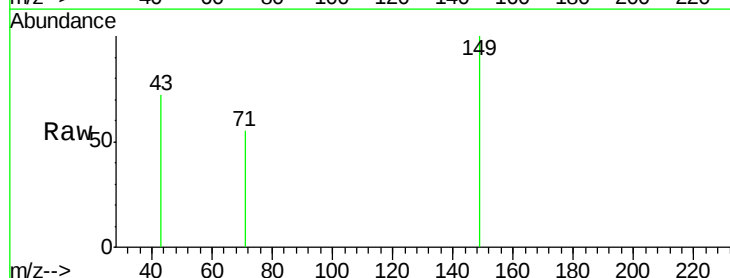


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

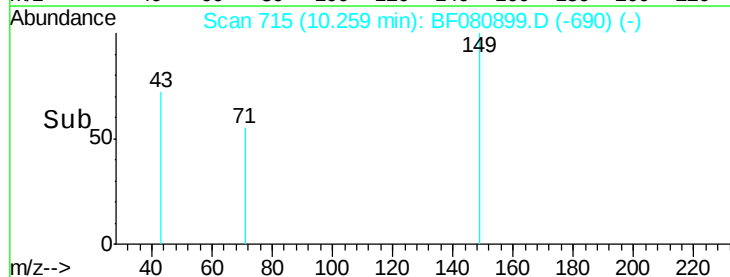
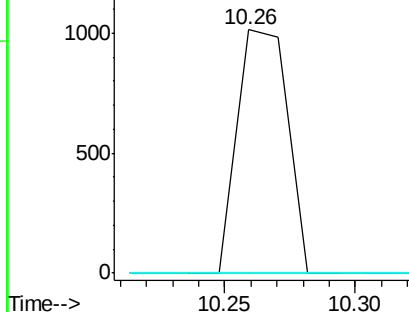


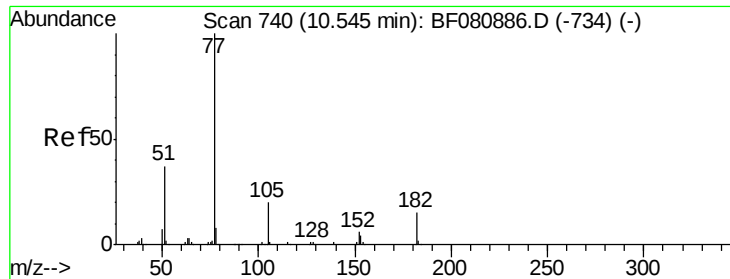
#59
 Diethylphthalate
 Concen: 0.14 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

Tgt Ion:149 Resp: 1370
 Ion Ratio Lower Upper
 149 100
 177 0.0 14.9 22.3#
 150 0.0 10.1 15.1#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.05 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.08 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 543

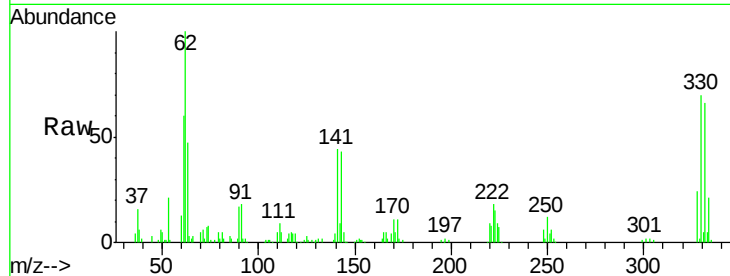
Ion Ratio Lower Upper

77 100

182 0.0 0.0 34.5

105 75.4 0.2 40.2#

51 124.9 16.7 56.7#

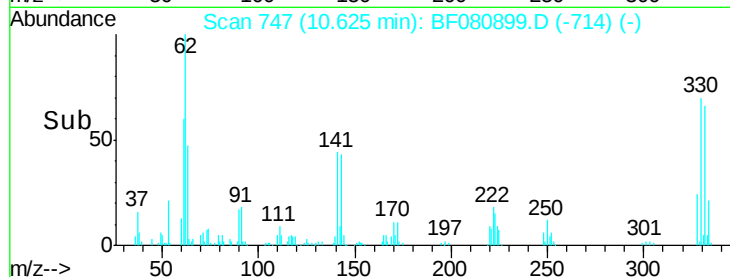


Abundance Ion 77.00 (76.70 to 77.70): BF0

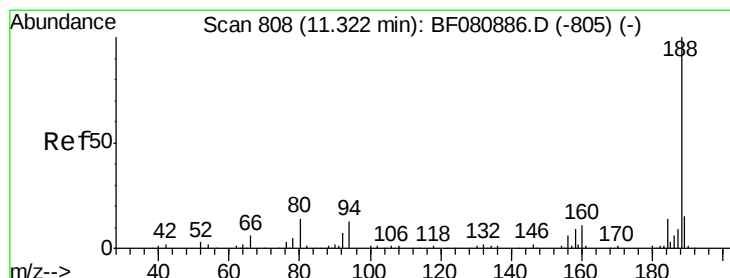
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

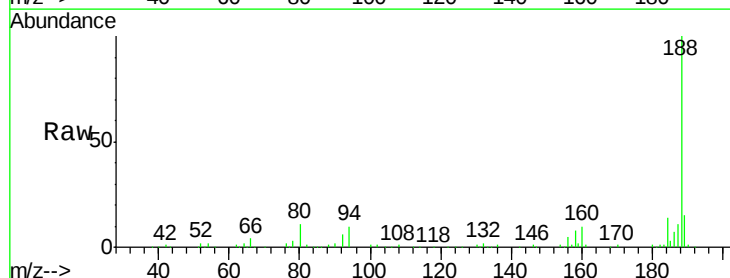
Tgt Ion: 188 Resp: 229387

Ion Ratio Lower Upper

188 100

94 10.2 10.2 15.2

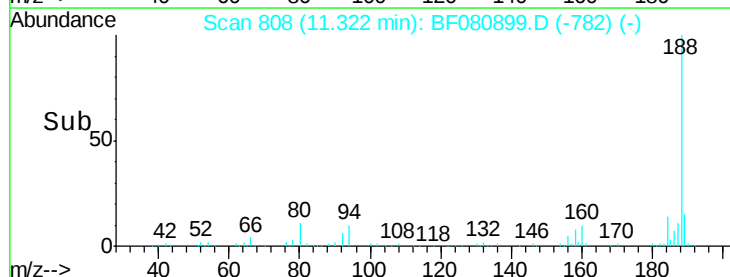
80 10.8 11.4 17.2#



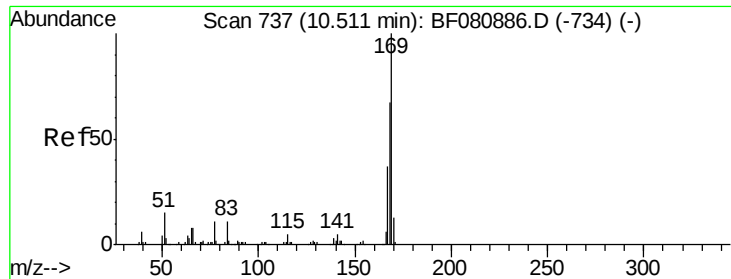
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#65

n-Nitrosodiphenylamine

Concen: 0.65 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.11 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

Instrument :

BNA_F

ClientSampleId :

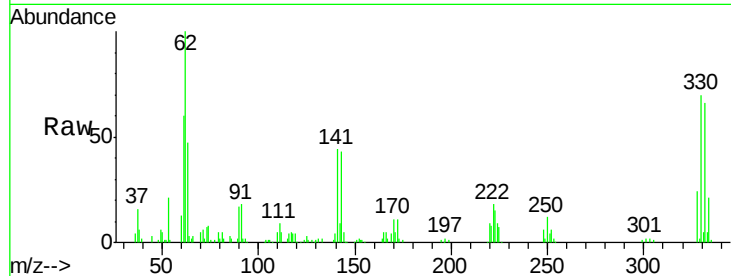
Tot Ion:169 Resp: 5314

Ion Ratio Lower Upper

169 100

168 0.0 54.0 81.0#

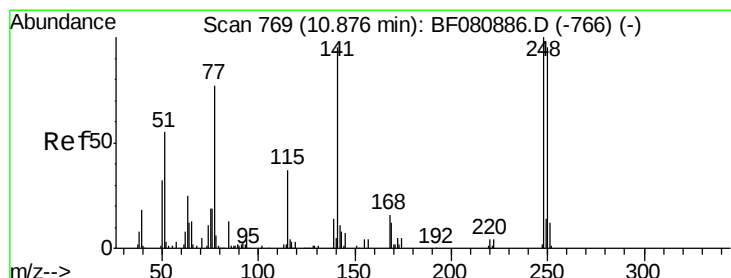
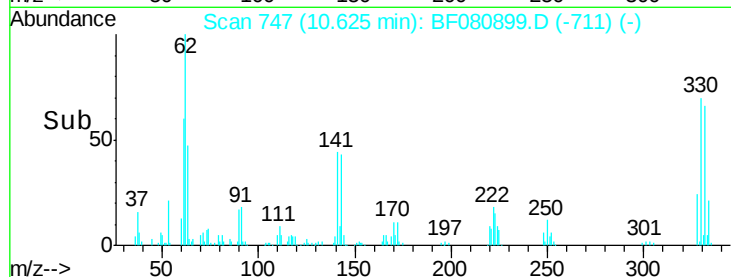
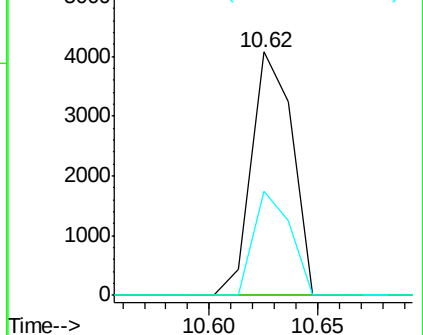
167 43.0 29.8 44.8



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: 4.21 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.24 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

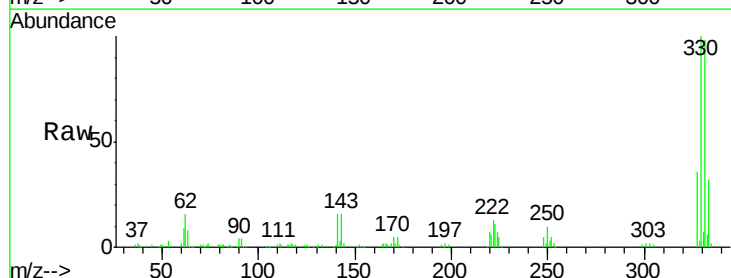
Tgt Ion:248 Resp: 10489

Ion Ratio Lower Upper

248 100

250 203.2 75.9 113.9#

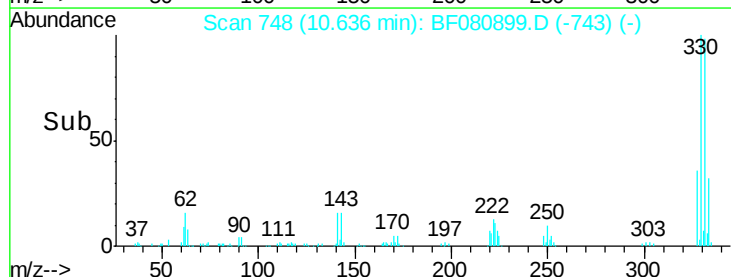
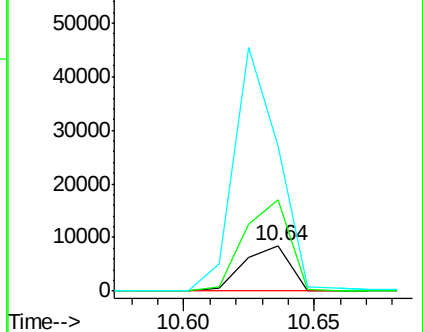
141 322.2 75.8 113.6#

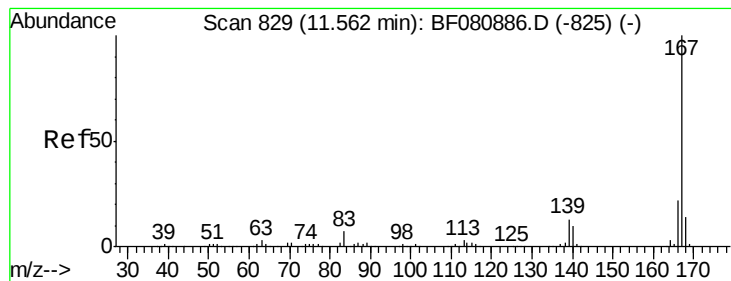


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#72

Carbazole

Concen: 0.02 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

Instrument :

BNA_F

ClientSampleId :

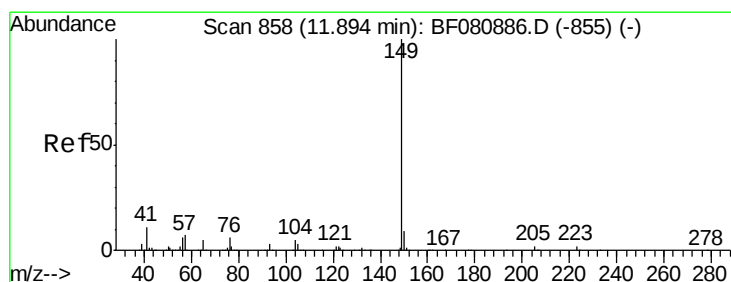
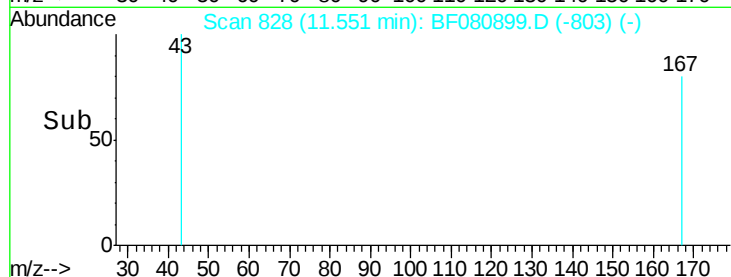
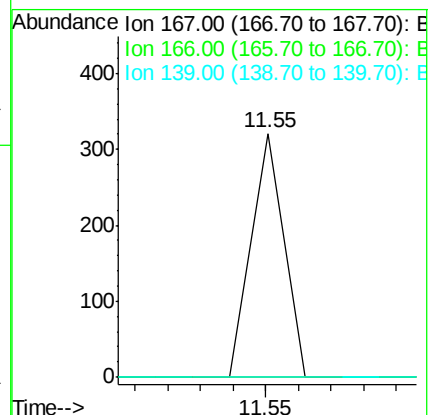
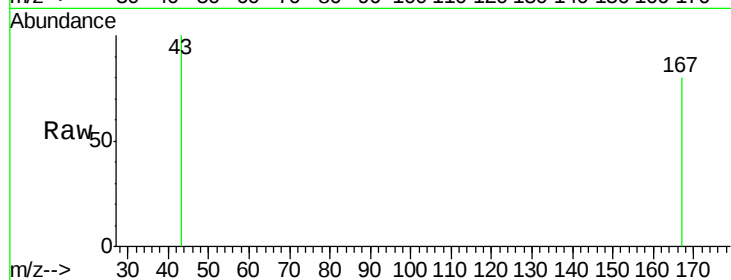
Tot Ion:167 Resp: 220

Ion Ratio Lower Upper

167 100

166 0.0 17.3 25.9#

139 0.0 10.2 15.2#



#73

Di-n-butylphthalate

Concen: 0.19 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

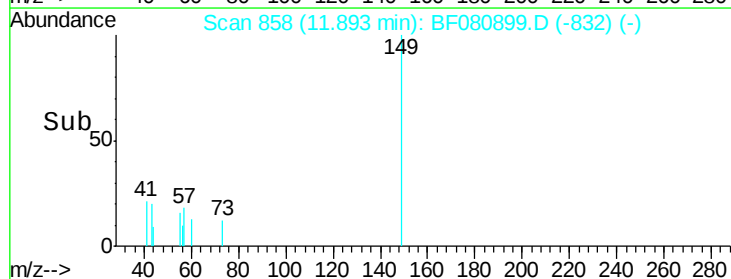
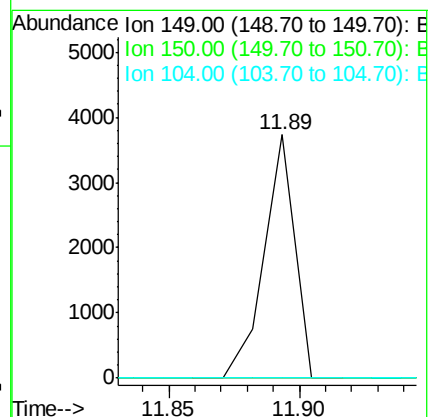
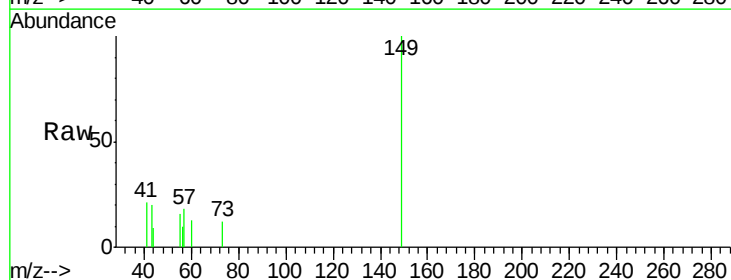
Tgt Ion:149 Resp: 3083

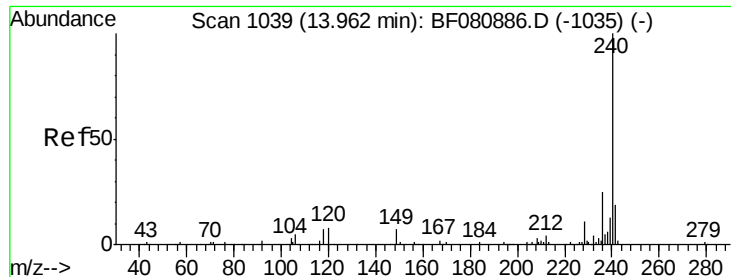
Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

104 0.0 4.3 6.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

Instrument :

BNA_F

ClientSampleId :

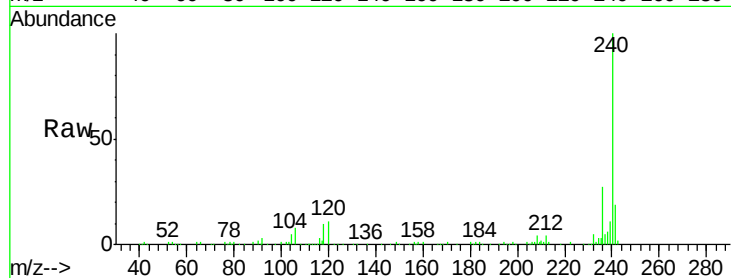
Tot Ion:240 Resp: 217276

Ion Ratio Lower Upper

240 100

120 11.3 6.4 9.6#

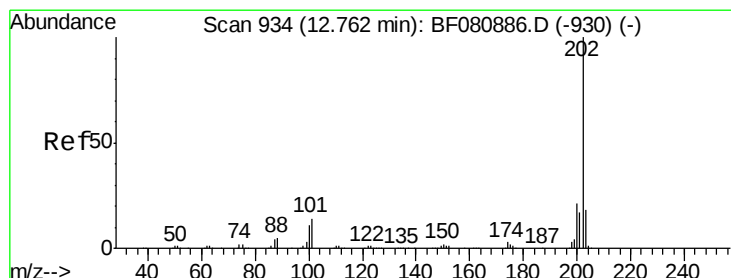
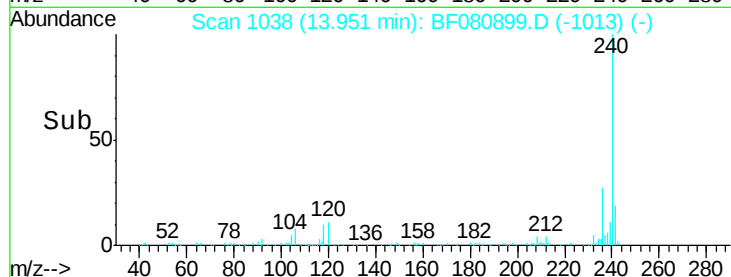
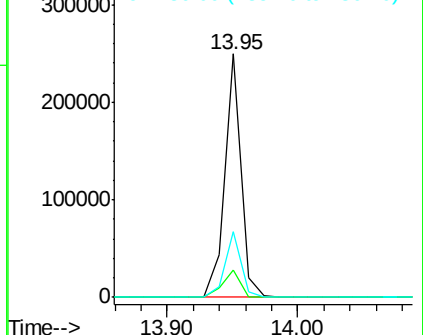
236 26.8 20.2 30.4



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



#77

Pyrene

Concen: 0.14 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.15 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

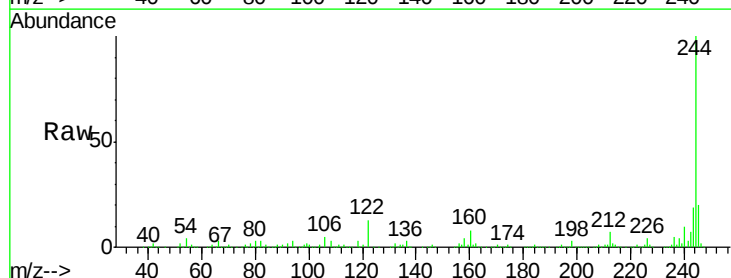
Tgt Ion:202 Resp: 2288

Ion Ratio Lower Upper

202 100

200 48.8 16.6 24.8#

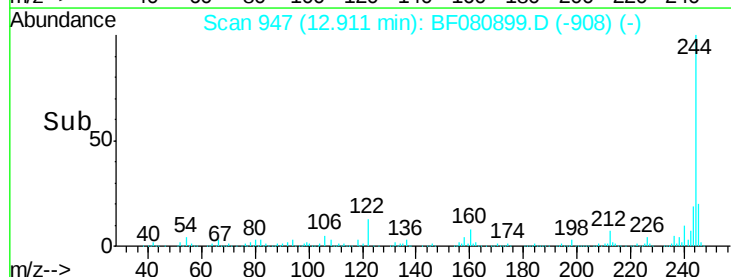
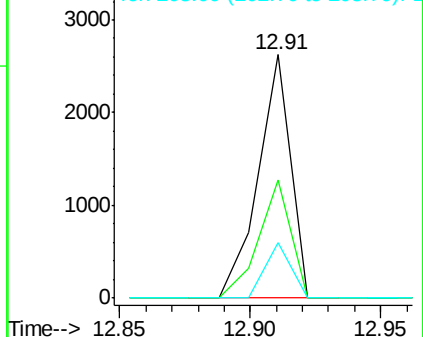
203 22.5 14.3 21.5#

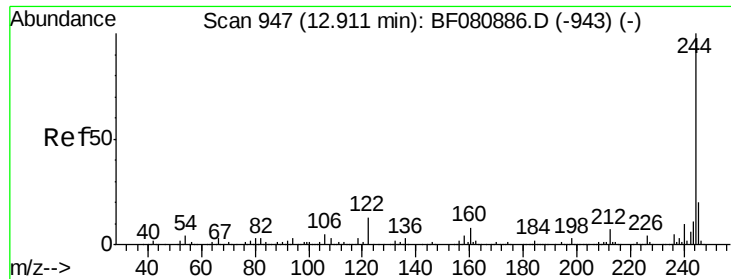


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

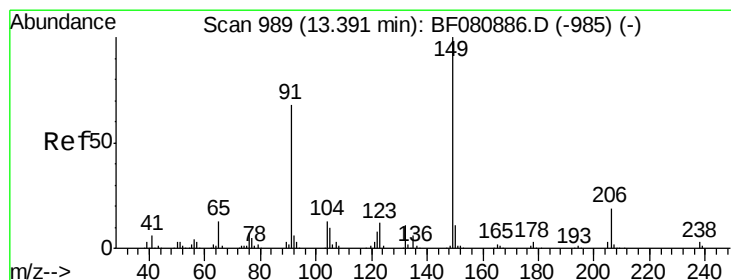
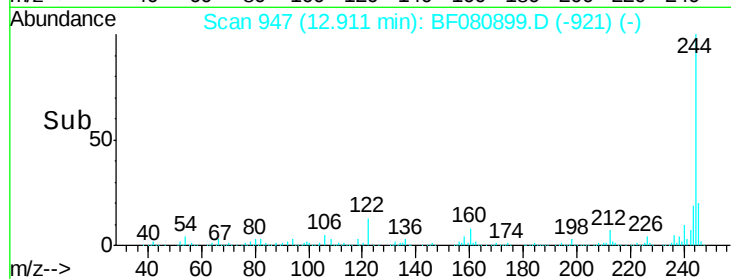
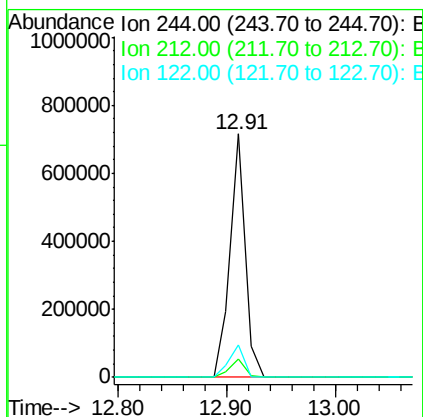
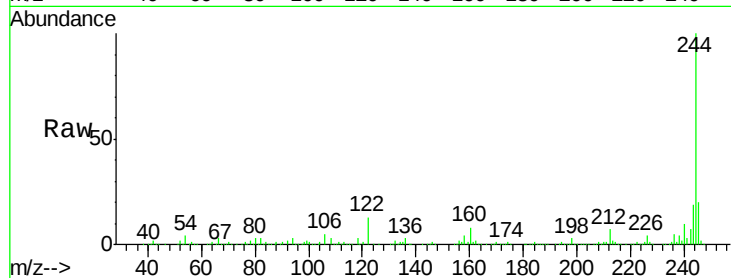




#78
 Terphenyl-d14
 Concen: 67.12 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

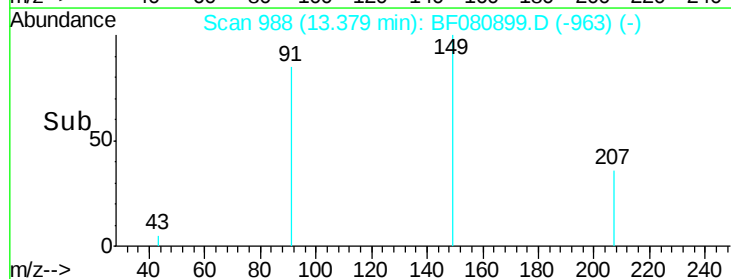
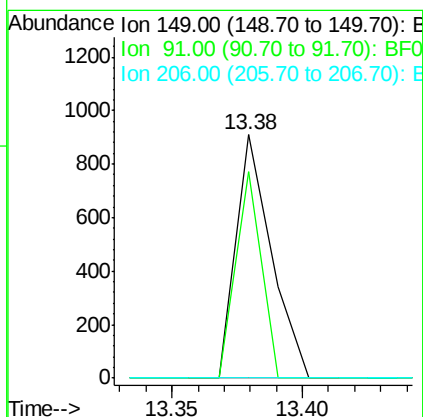
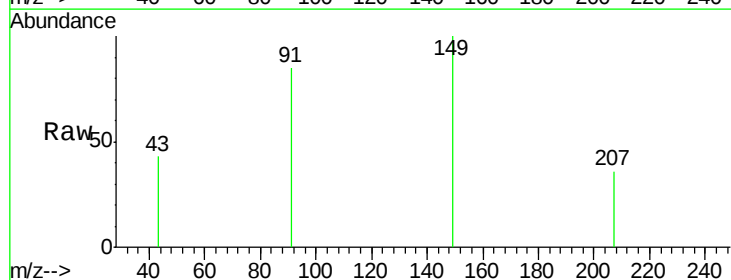
Instrument :
 BNA_F
 ClientSampleID :

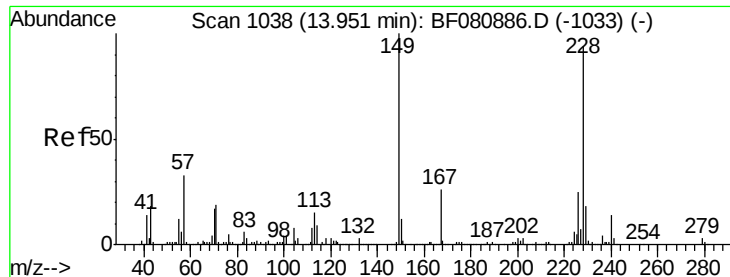
Tot Ion:244 Resp: 691689
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 13.1 10.6 16.0



#79
 Butylbenzylphthalate
 Concen: 0.11 ng
 RT: 13.38 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

Tgt Ion:149 Resp: 858
 Ion Ratio Lower Upper
 149 100
 91 84.8 54.0 81.0#
 206 0.0 15.1 22.7#





#80

Benzo(a)anthracene

Concen: 0.03 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

Instrument :

BNA_F

ClientSampleId :

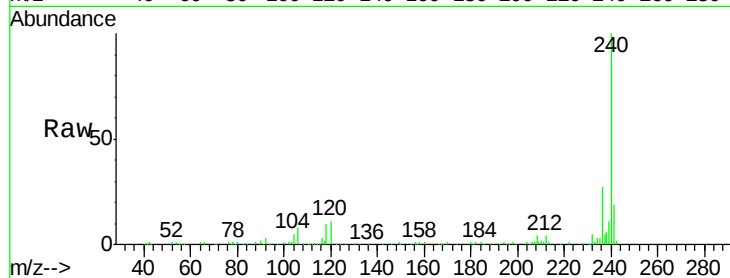
Tot Ion:228 Resp: 431

Ion Ratio Lower Upper

228 100

226 0.0 21.4 32.2#

229 0.0 14.9 22.3#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

13.95

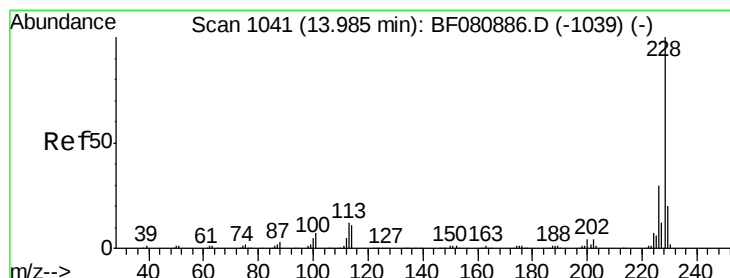
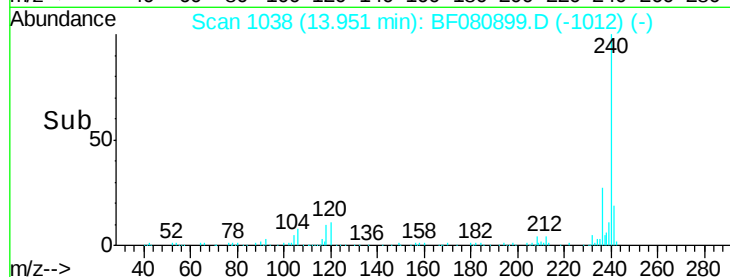
600

400

200

0

Time-->



#82

Chrysene

Concen: 0.03 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF080899.D

Acq: 6 Aug 2015 20:32

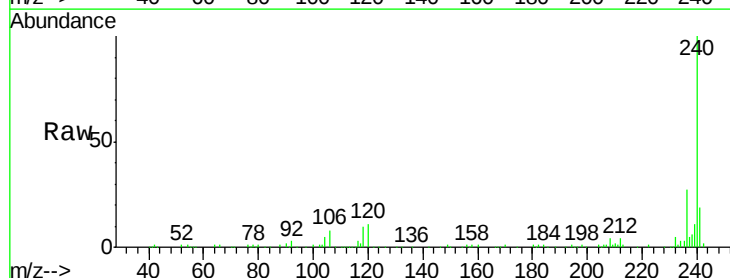
Tgt Ion:228 Resp: 431

Ion Ratio Lower Upper

228 100

226 0.0 24.2 36.2#

229 0.0 16.2 24.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

13.95

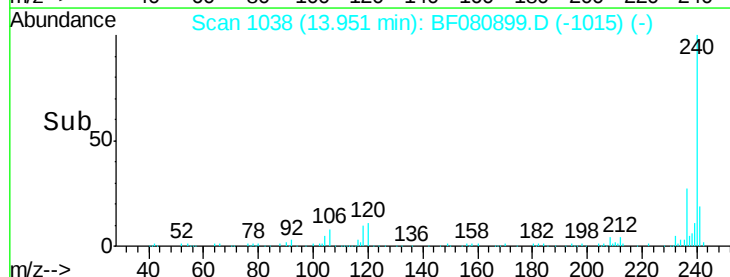
600

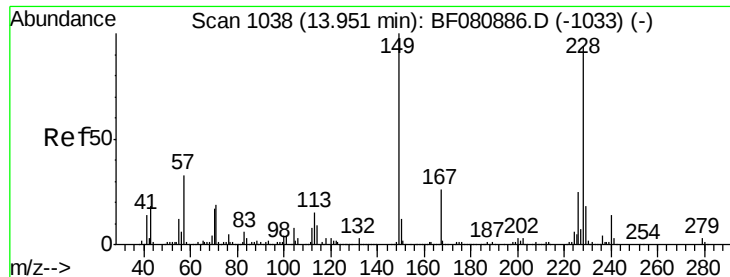
400

200

0

Time-->

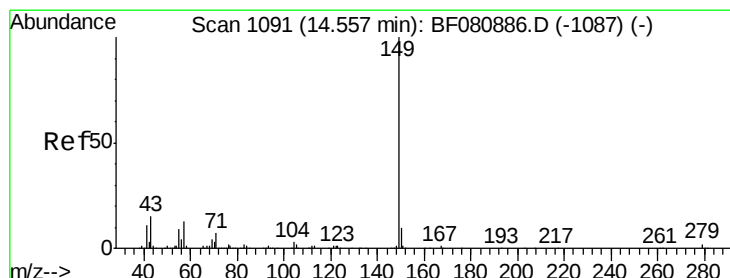
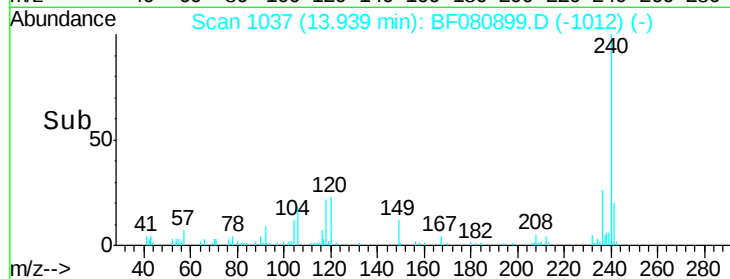
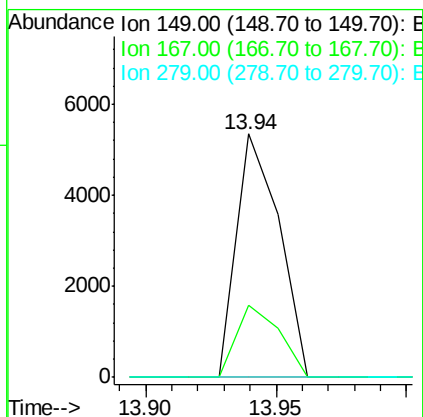
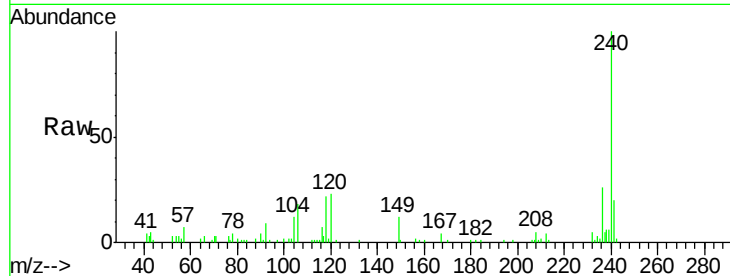




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.58 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

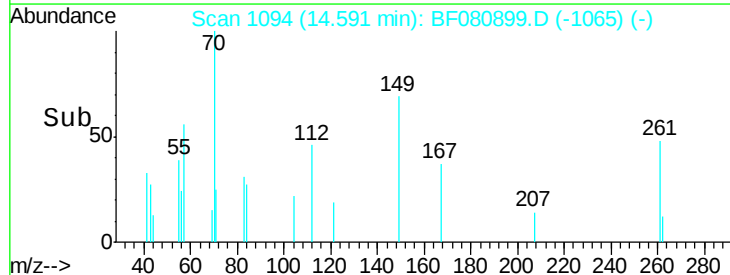
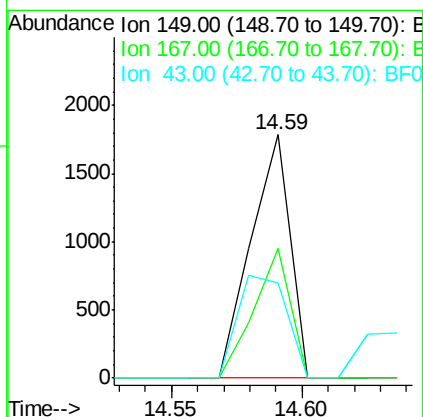
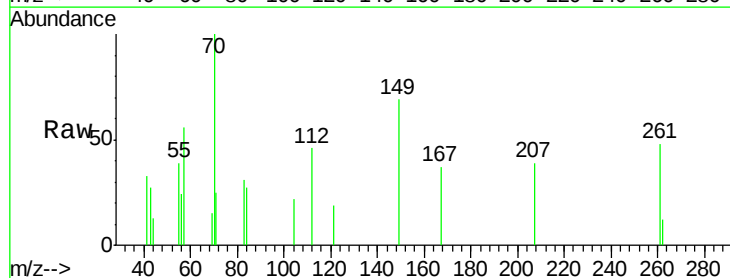
Instrument :
 BNA_F
 ClientSampleId :

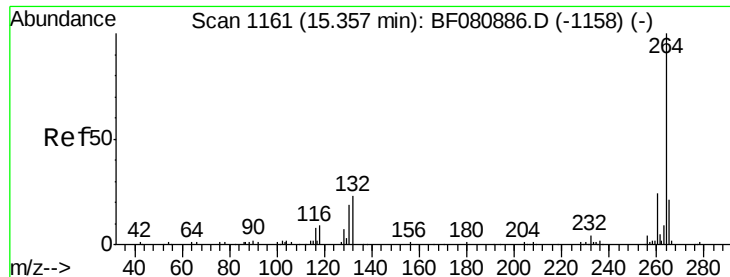
Tot Ion:149 Resp: 6122
 Ion Ratio Lower Upper
 149 100
 167 29.9 20.6 31.0
 279 0.0 2.4 3.6#



#84
 Di-n-octyl phthalate
 Concen: 0.10 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. 0.03 min
 Lab File: BF080899.D
 Acq: 6 Aug 2015 20:32

Tgt Ion:149 Resp: 1880
 Ion Ratio Lower Upper
 149 100
 167 49.6 1.1 1.7#
 43 52.9 11.5 17.3#

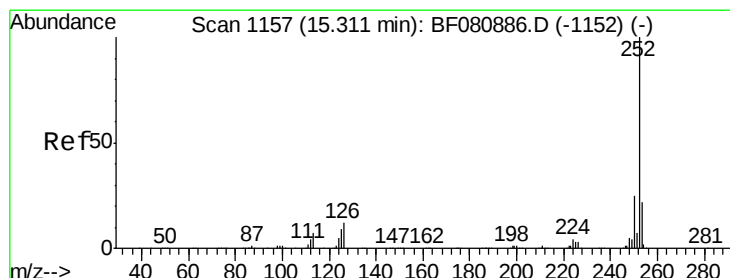
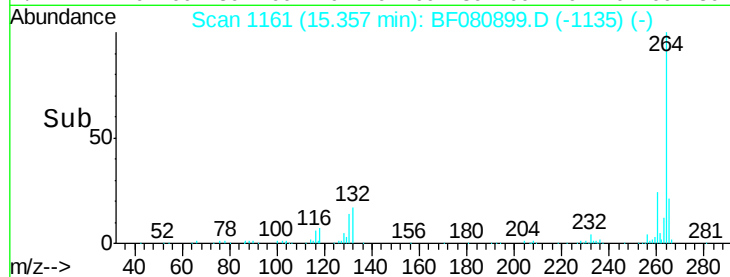
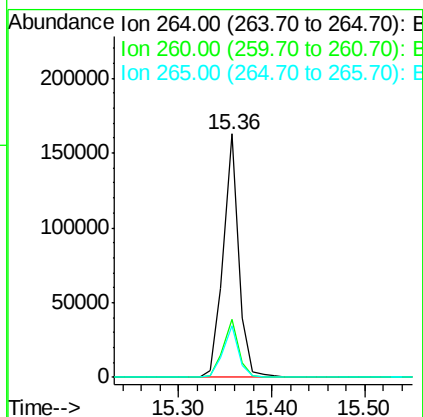
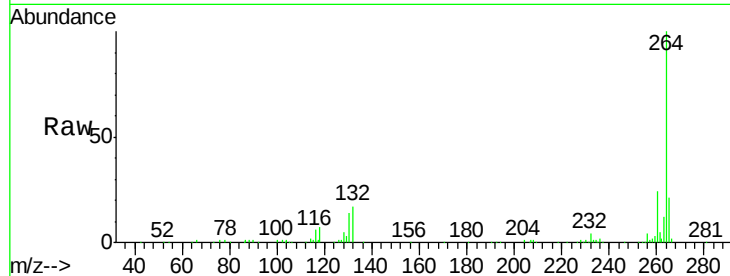




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080899.D
Acq: 6 Aug 2015 20:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 188433
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 21.0 17.0 25.6



#89
Benzo(a)pyrene
Concen: 0.04 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.05 min
Lab File: BF080899.D
Acq: 6 Aug 2015 20:32

Tgt Ion:252 Resp: 405
Ion Ratio Lower Upper
252 100
253 0.0 17.6 26.4#
125 0.0 7.5 11.3#

