

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100115\
 Data File : BF081976.D
 Acq On : 2 Oct 2015 9:52
 Operator : UM/IZ
 Sample : G3875-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A6-COMP

Quant Time: Oct 02 11:29:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	110143	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	453354	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	228685	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	457146	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	415278	20.00	ng	-0.06
86) Perylene-d12	15.50	264	297374	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	473327	78.01	ng	-0.03
7) Phenol-d6	6.51	99	666201	87.26	ng	-0.05
23) Nitrobenzene-d5	7.46	82	431287	63.42	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	199569	86.17	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	895293	62.17	ng	-0.05
78) Terphenyl-d14	13.01	244	899497	65.70	ng	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.41	88	254	0.10	ng	# 73
6) Aniline	6.66	93	669	0.07	ng	# 1
9) Benzaldehyde	6.51	77	737	0.15	ng	# 1
10) Phenol	6.53	94	4559	0.53	ng	# 1
11) bis(2-Chloroethyl)ether	6.66	93	669	0.10	ng	# 1
15) Benzyl Alcohol	7.05	79	6563	1.19	ng	# 28
19) n-Nitroso-di-n-propylamine	7.46	70	51971	11.20	ng	# 57
24) Nitrobenzene	7.46	77	762	0.10	ng	# 20
25) Isophorone	7.46	82	356825	26.47	ng	# 58
35) Caprolactam	8.57	113	1785	1.07	ng	# 65
45) 1,1'-Biphenyl	9.26	154	1335	0.08	ng	# 1
47) 2-Nitroaniline	9.65	65	1742	0.43	ng	# 1
49) Dimethylphthalate	9.65	163	214300	13.58	ng	# 97
50) 2,6-Dinitrotoluene	9.65	165	1930	0.56	ng	# 1
51) Acenaphthene	9.93	154	750	0.06	ng	# 9
56) 2,4-Dinitrotoluene	9.93	165	28816	6.60	ng	# 32
57) Fluorene	10.72	166	8291	Below Cal		# 84
59) Diethylphthalate	10.35	149	1115	0.08	ng	# 80
62) Azobenzene	10.72	77	618	0.04	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.72	198	380	1.38	ng	# 1
65) n-Nitrosodiphenylamine	10.72	169	6361	0.46	ng	# 46
66) 4-Bromophenyl-phenylether	10.72	248	13048	2.83	ng	# 1
70) Phenanthrene	11.44	178	255	Below Cal		# 62
71) Anthracene	11.44	178	255	0.01	ng	# 62
73) Di-n-butylphthalate	11.98	149	1549	Below Cal		# 78
74) Fluoranthene	12.63	202	336	0.01	ng	# 60
76) Benzidine	13.01	184	11441	0.91	ng	# 88
77) Pyrene	12.86	202	261	0.01	ng	# 59
80) Benzo(a)anthracene	14.06	228	1823	0.08	ng	# 53
82) Chrysene	14.06	228	1823	0.96	ng	# 52
83) Bis(2-ethylhexyl)phthalate	14.04	149	1698	0.15	ng	# 96
84) Di-n-octyl phthalate	14.81	149	253	0.01	ng	# 1
87) Benzo(b)fluoranthene	15.11	252	2198	0.13	ng	# 54
88) Benzo(k)fluoranthene	15.11	252	2198	0.14	ng	# 56

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100115\
Data File : BF081976.D
Acq On : 2 Oct 2015 9:52
Operator : UM/IZ
Sample : G3875-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A6-COMP

Quant Time: Oct 02 11:29:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

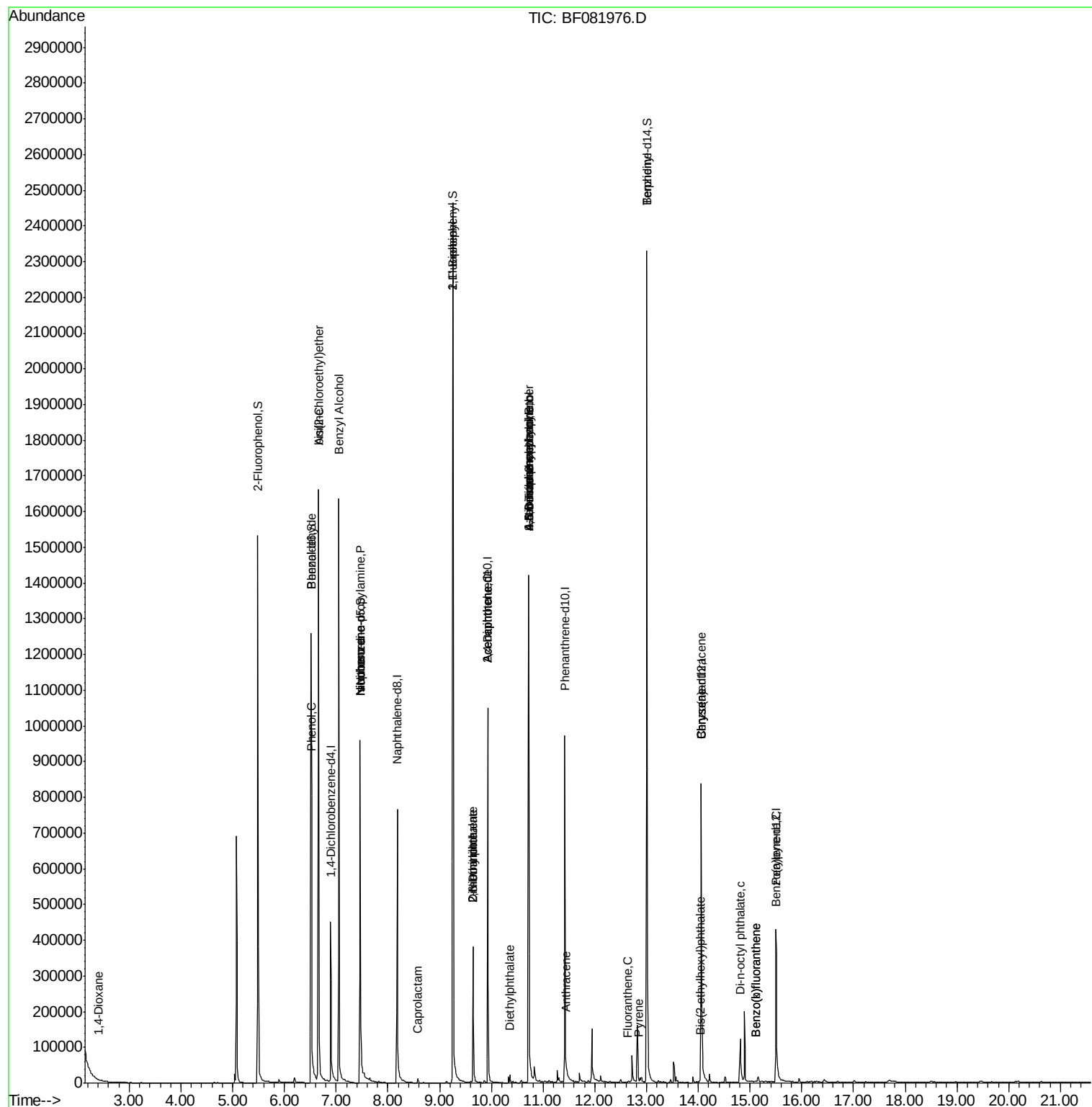
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	15.51	252	783	0.05	ng	# 54

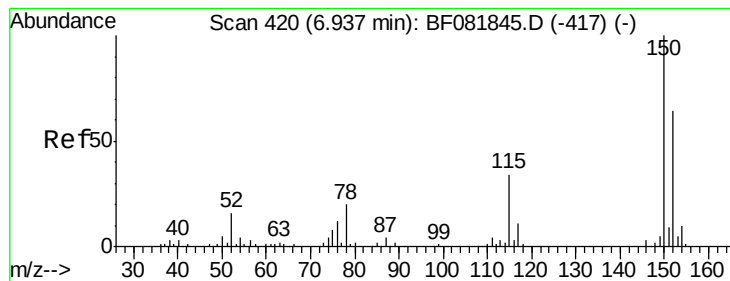
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100115\
Data File : BF081976.D
Acq On : 2 Oct 2015 9:52
Operator : UM/IZ
Sample : G3875-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A6-COMP

Quant Time: Oct 02 11:29:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

Instrument :

BNA_F

ClientSampleId :

A6-COMP

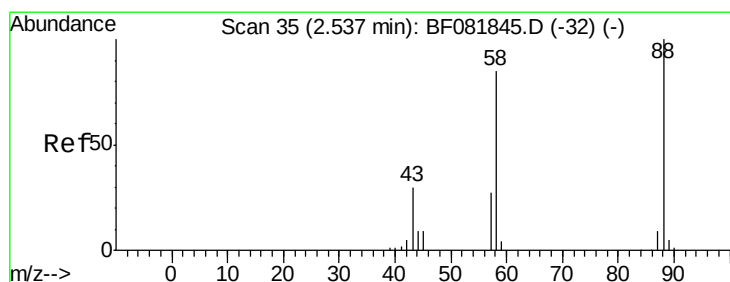
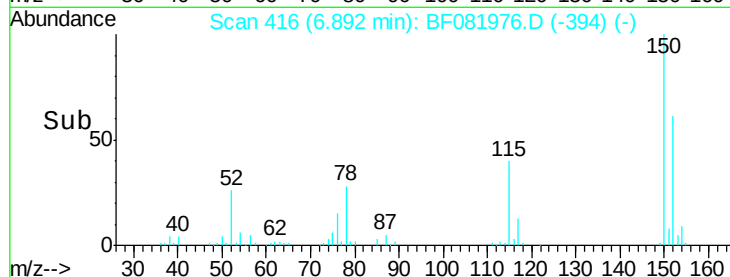
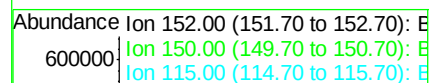
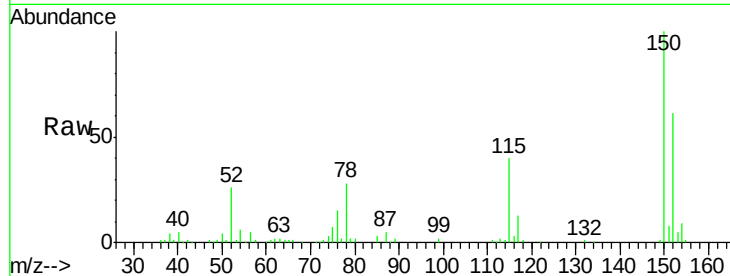
Tot Ion:152 Resp: 110143

Ion Ratio Lower Upper

152 100

150 163.4 124.7 187.1

115 65.5 39.0 58.4#



#2

1,4-Dioxane

Concen: 0.10 ng

RT: 2.41 min Scan# 24

Delta R.T. -0.13 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

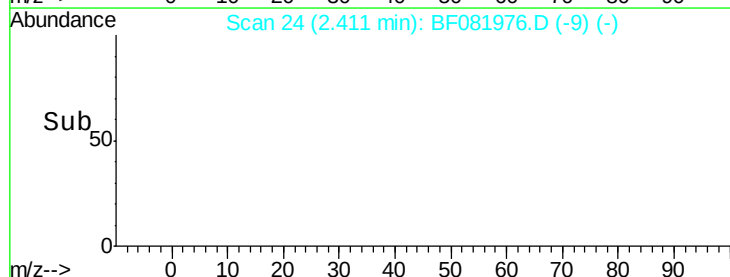
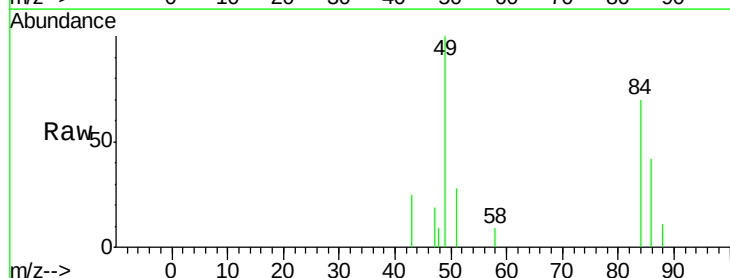
Tgt Ion: 88 Resp: 254

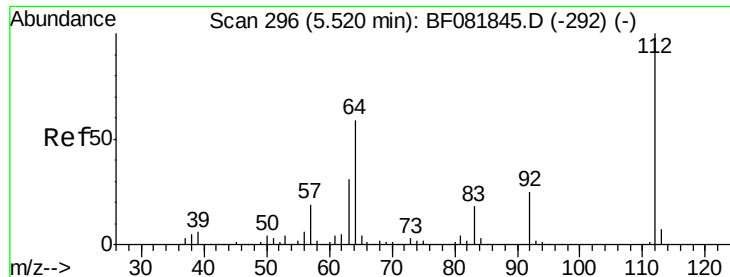
Ion Ratio Lower Upper

88 100

58 81.1 77.7 116.5

43 0.0 26.6 40.0#





#5

2-Fluorophenol

Concen: 78.01 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

Instrument :

BNA_F

ClientSampleId :

A6-COMP

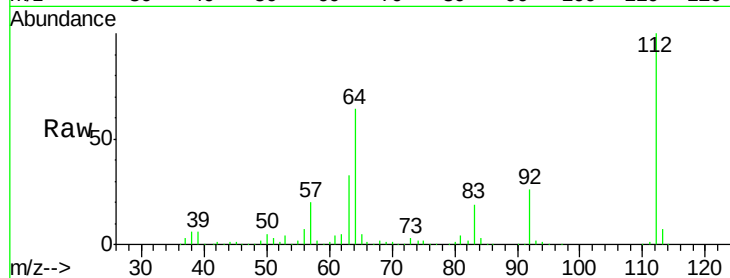
Tot Ion:112 Resp: 473327

Ion Ratio Lower Upper

112 100

64 63.6 39.7 59.5#

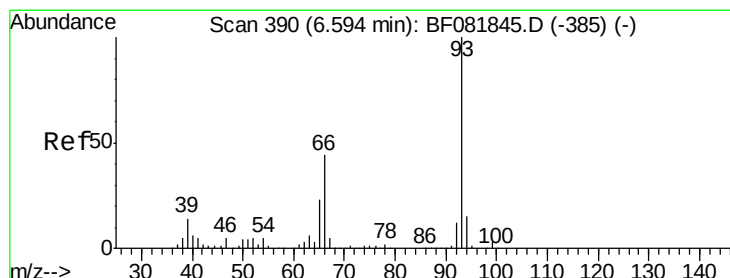
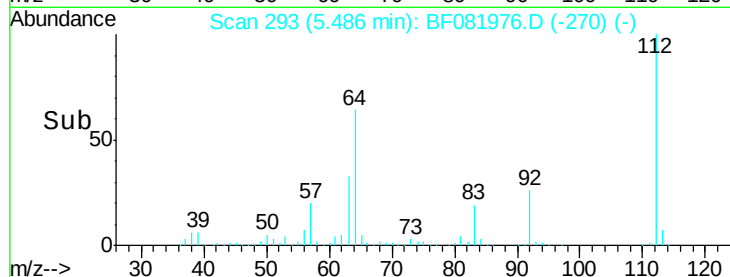
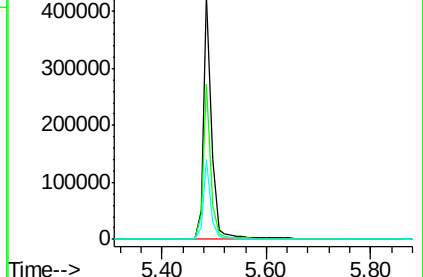
63 33.0 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 0.07 ng

RT: 6.66 min Scan# 396

Delta R.T. 0.07 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

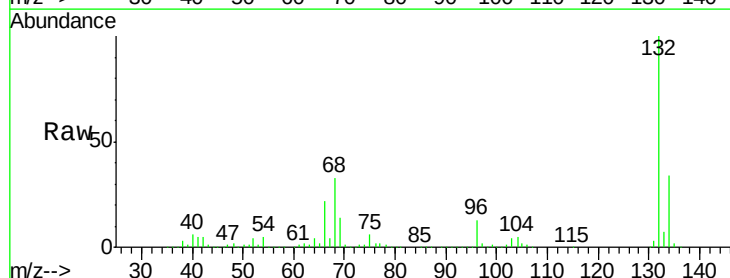
Tgt Ion: 93 Resp: 669

Ion Ratio Lower Upper

93 100

66 20358.5 27.2 40.8#

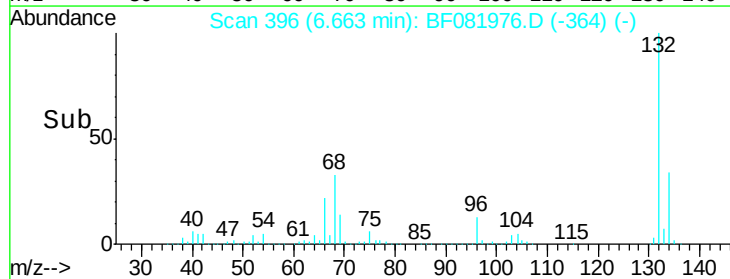
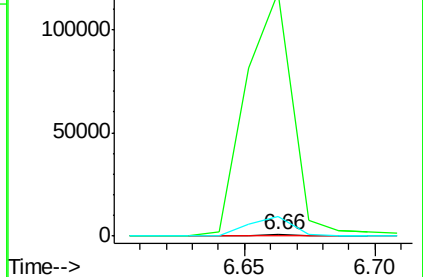
65 1657.8 14.7 22.1#

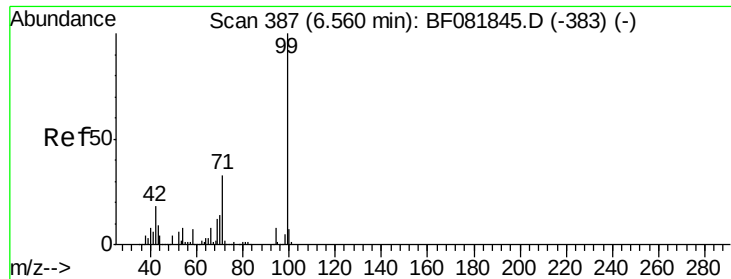


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 87.26 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

Instrument :

BNA_F

ClientSampleId :

A6-COMP

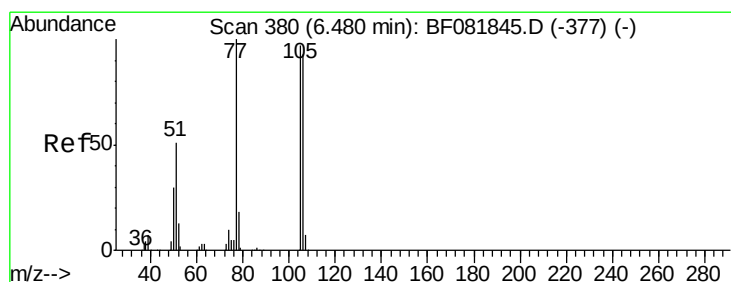
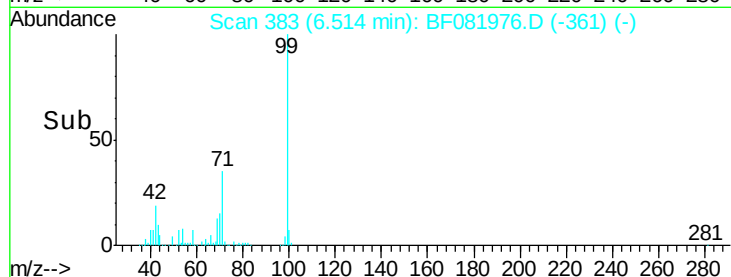
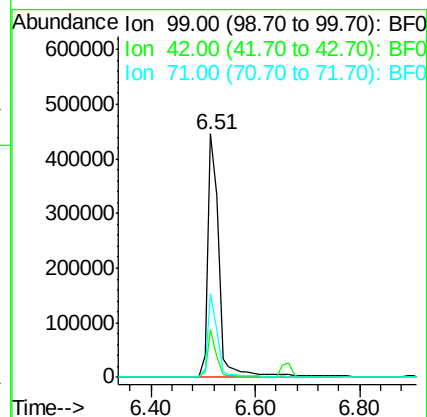
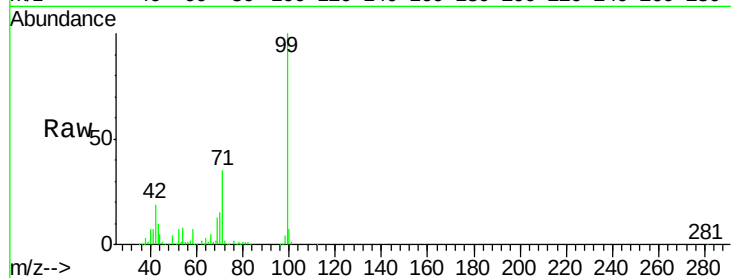
Tot Ion: 99 Resp: 666201

Ion Ratio Lower Upper

99 100

42 19.4 13.7 20.5

71 34.5 14.2 21.2#



#9

Benzaldehyde

Concen: 0.15 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.03 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

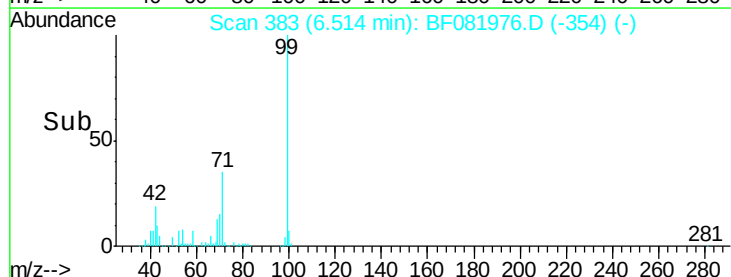
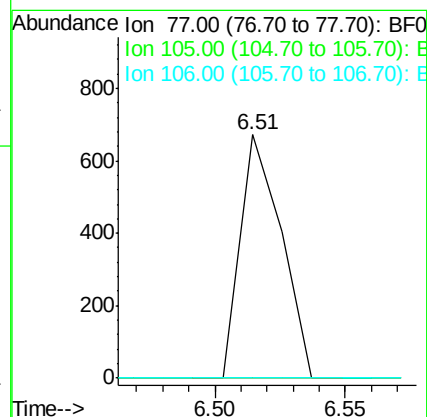
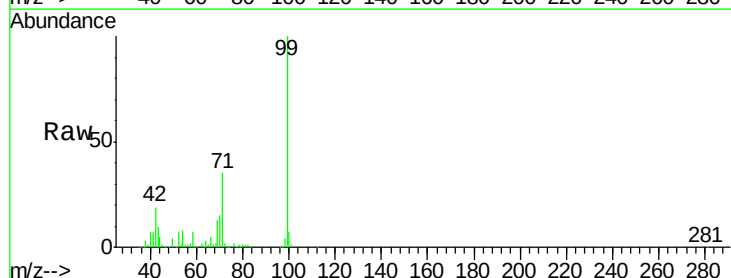
Tgt Ion: 77 Resp: 737

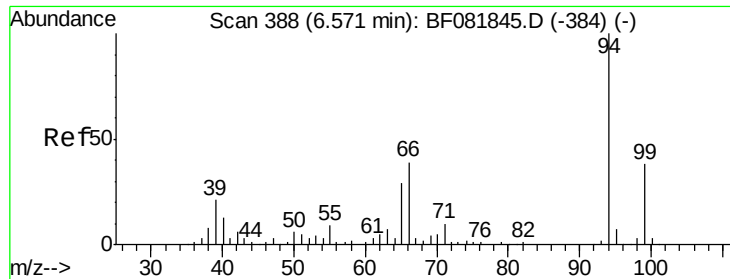
Ion Ratio Lower Upper

77 100

105 0.0 91.6 131.6#

106 0.0 102.6 142.6#





#10

Phenol

Concen: 0.53 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

Instrument :

BNA_F

ClientSampleId :

A6-COMP

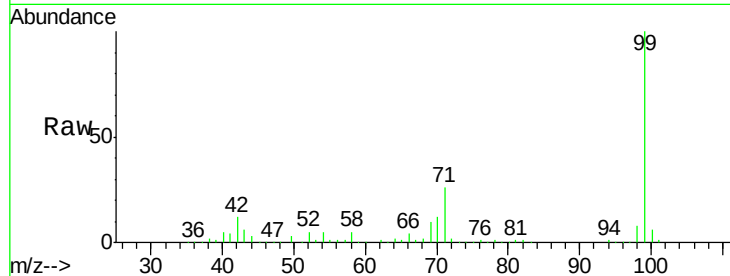
Tot Ion: 94 Resp: 4559

Ion Ratio Lower Upper

94 100

65 106.6 0.7 40.7#

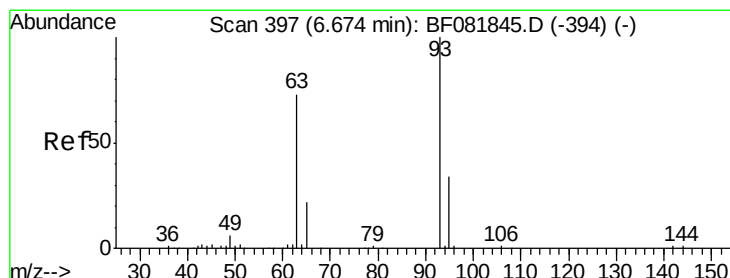
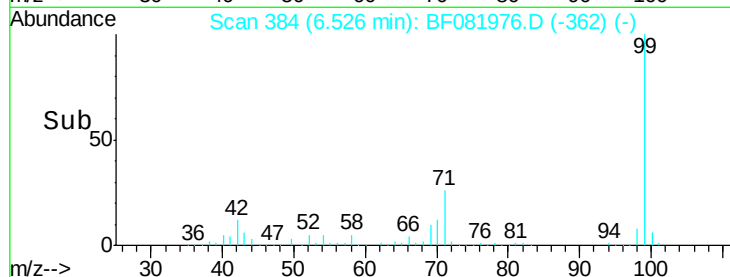
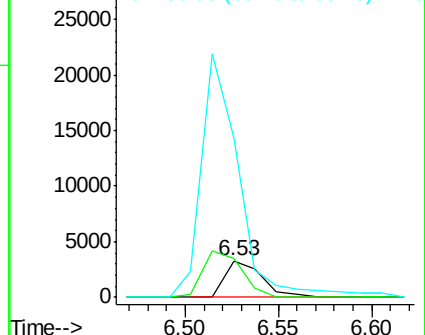
66 434.8 0.8 40.8#



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: 0.10 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

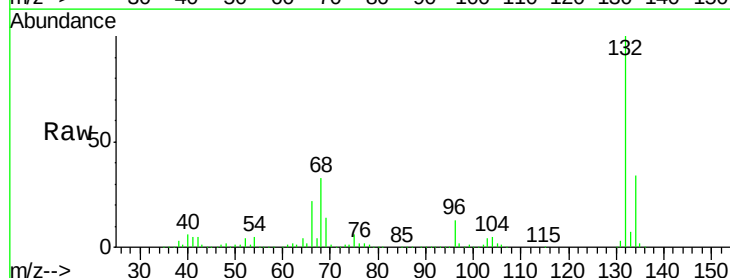
Tgt Ion: 93 Resp: 669

Ion Ratio Lower Upper

93 100

63 819.2 65.6 105.6#

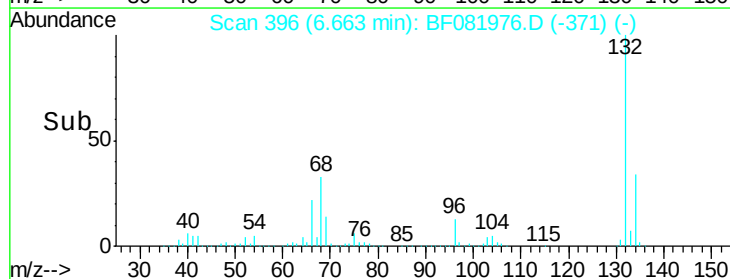
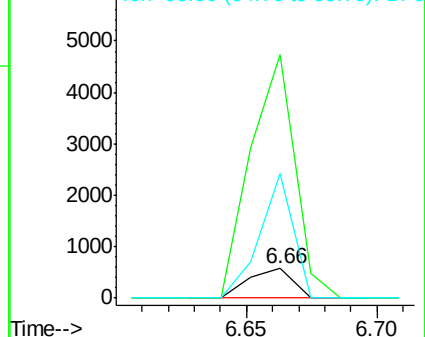
95 417.5 13.6 53.6#

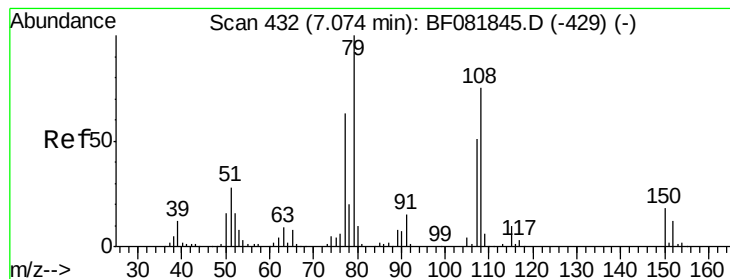


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#15

Benzyl Alcohol

Concen: 1.19 ng

RT: 7.05 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

Instrument :

BNA_F

ClientSampleId :

A6-COMP

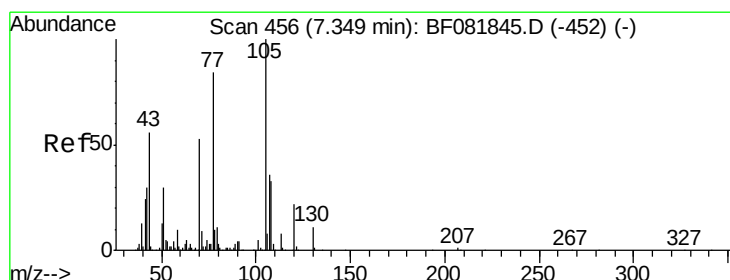
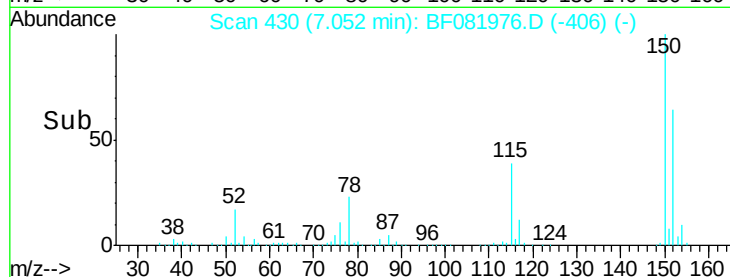
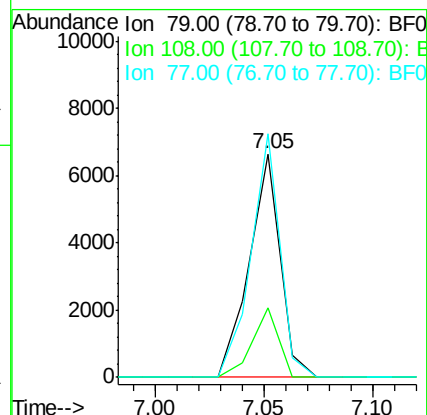
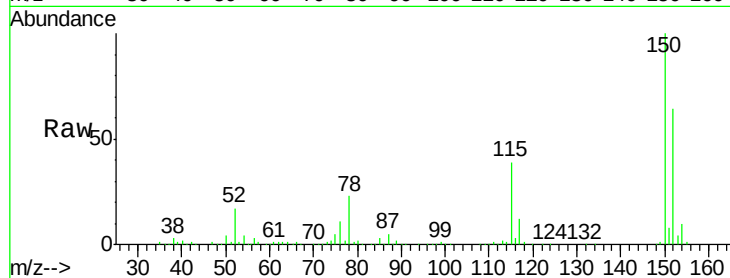
Tot Ion: 79 Resp: 6563

Ion Ratio Lower Upper

79 100

108 31.0 88.6 132.8#

77 108.9 47.0 70.4#



#19

n-Nitroso-di-n-propylamine

Concen: 11.20 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

Tgt Ion: 70 Resp: 51971

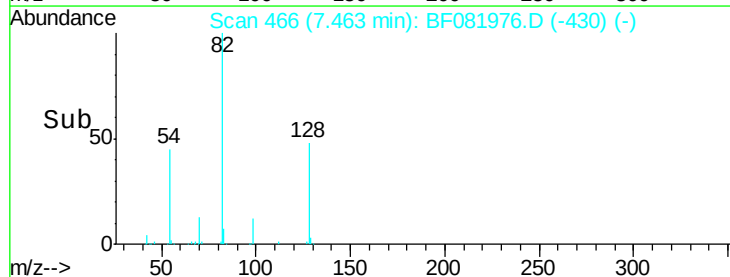
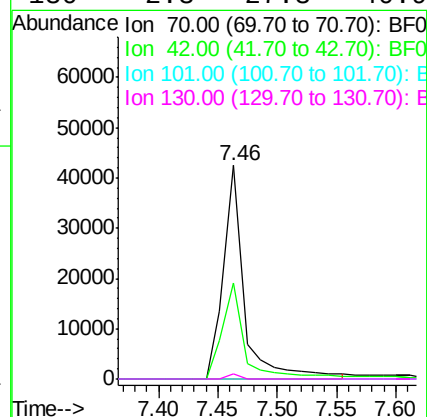
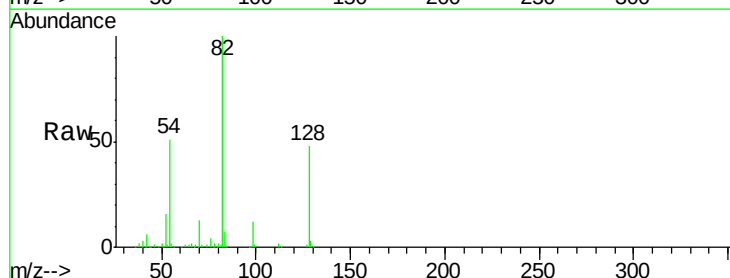
Ion Ratio Lower Upper

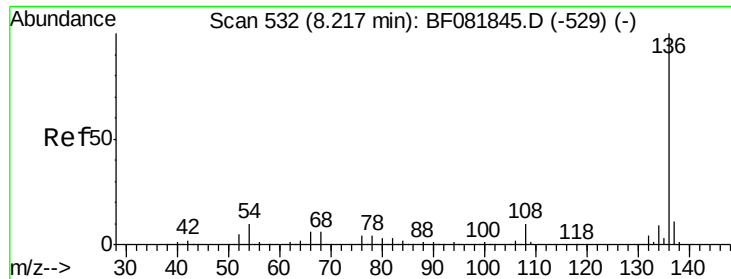
70 100

42 44.8 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

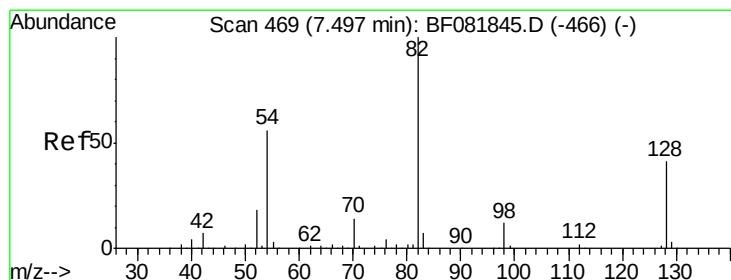
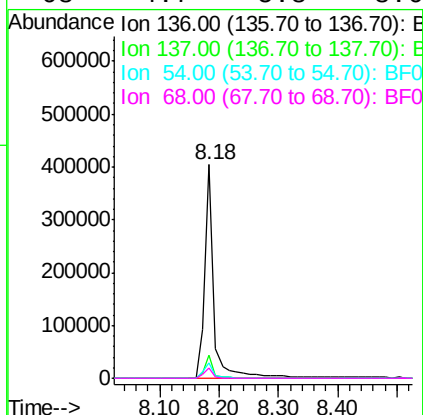
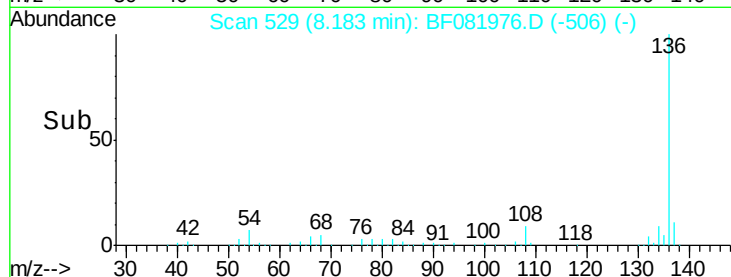
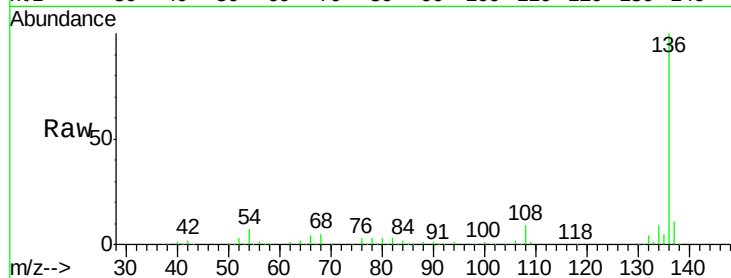




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081976.D
Acq: 2 Oct 2015 9:52

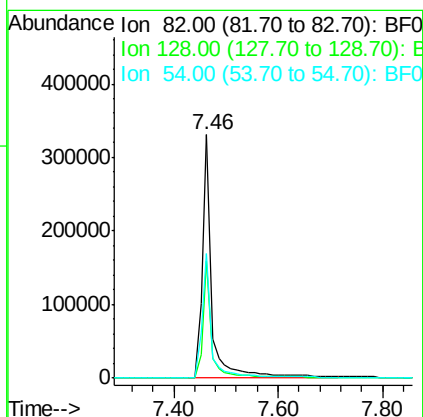
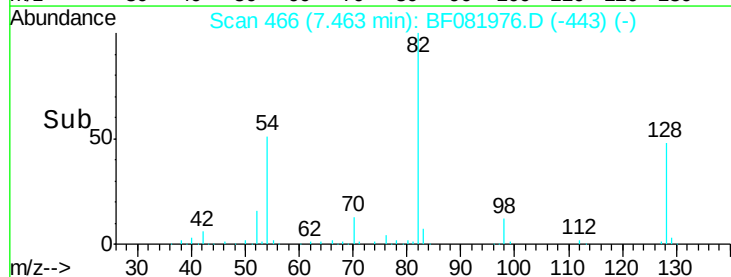
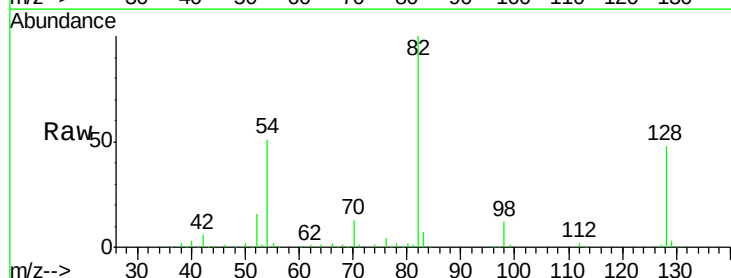
Instrument :
BNA_F
ClientSampleId :
A6-COMP

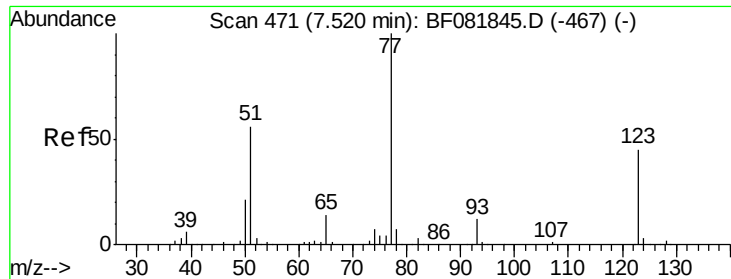
Tot Ion:	136	Resp:	453354
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.9	8.2	12.2#
68	4.7	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 63.42 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF081976.D
Acq: 2 Oct 2015 9:52

Tgt Ion:	82	Resp:	431287
Ion	Ratio	Lower	Upper
82	100		
128	48.0	51.0	76.6#
54	51.1	47.5	71.3

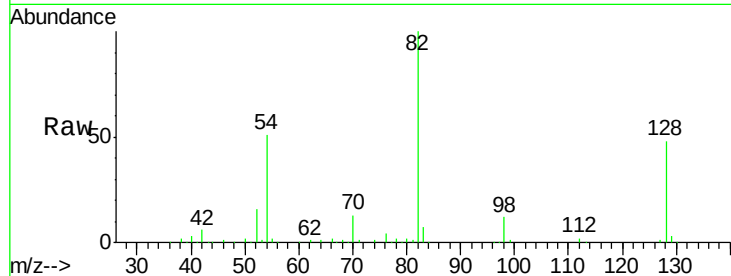




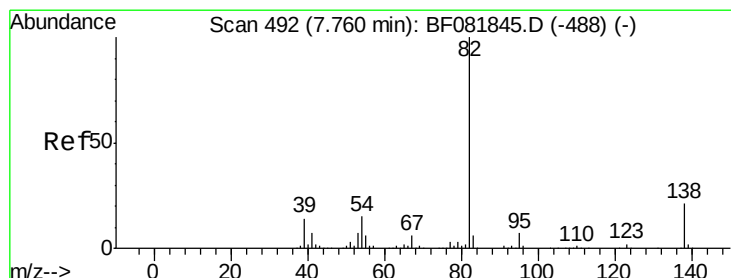
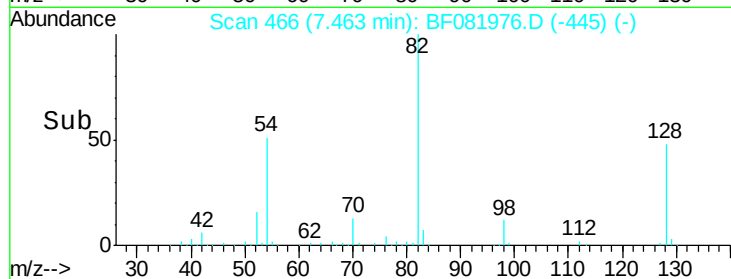
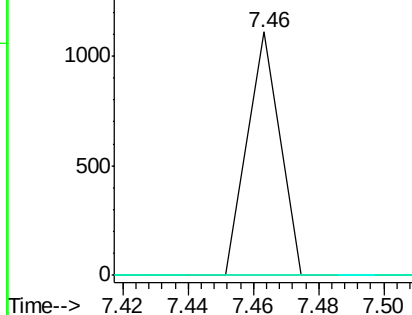
#24
 Nitrobenzene
 Concen: 0.10 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF081976.D
 Acq: 2 Oct 2015 9:52

Instrument :
 BNA_F
 ClientSampleId :
 A6-COMP

Tot Ion: 77 Resp: 762
 Ion Ratio Lower Upper
 77 100
 123 0.0 59.8 89.8#
 65 0.0 10.2 15.4#

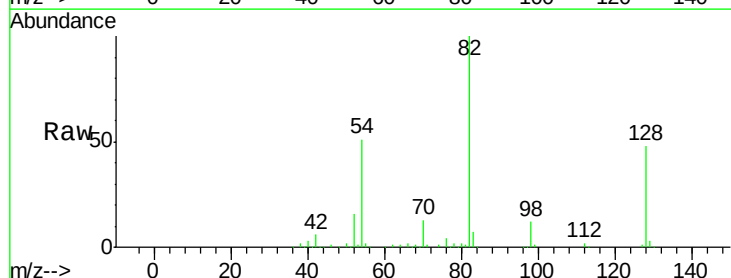


Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0

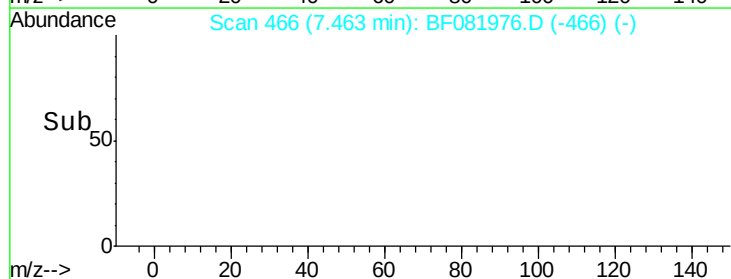
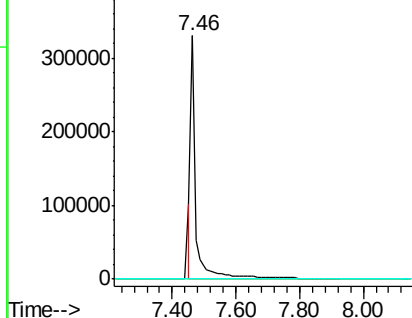


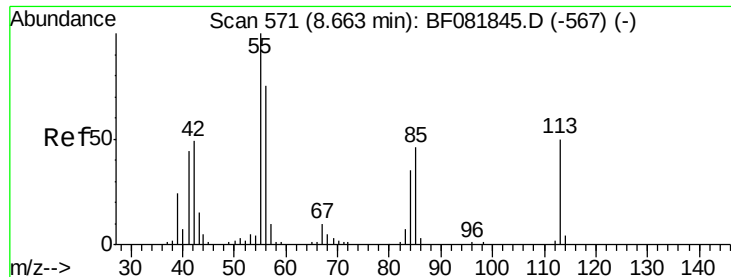
#25
 Isophorone
 Concen: 26.47 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.30 min
 Lab File: BF081976.D
 Acq: 2 Oct 2015 9:52

Tgt Ion: 82 Resp: 356825
 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

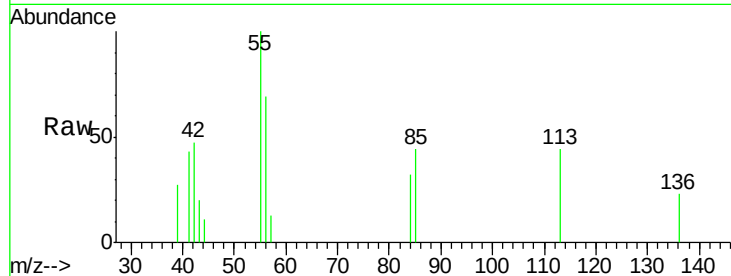




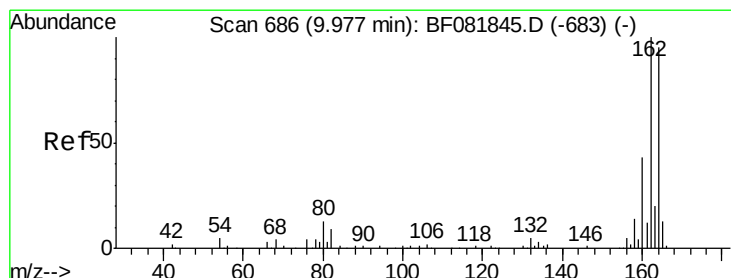
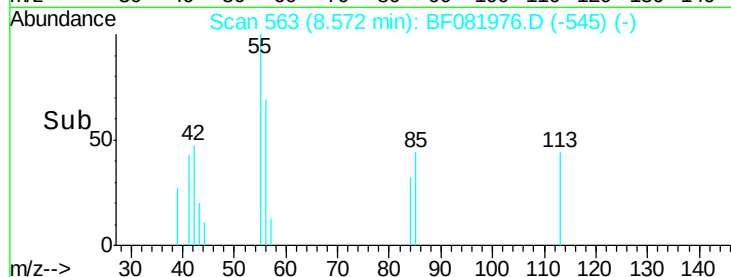
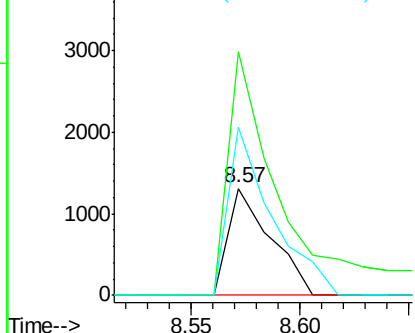
#35
 Caprolactam
 Concen: 1.07 ng
 RT: 8.57 min Scan# 563
 Delta R.T. -0.09 min
 Lab File: BF081976.D
 Acq: 2 Oct 2015 9:52

Instrument :
 BNA_F
 ClientSampleId :
 A6-COMP

Tot Ion:113 Resp: 1785
 Ion Ratio Lower Upper
 113 100
 55 227.0 152.4 192.4#
 56 157.0 104.6 144.6#

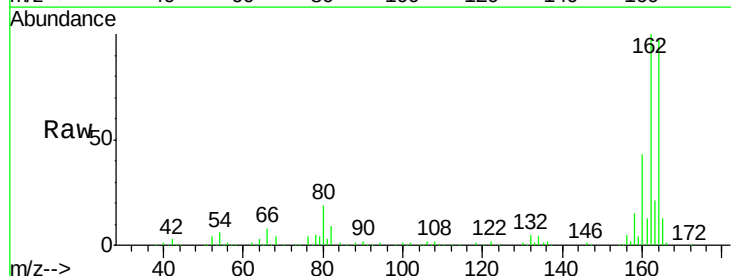


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

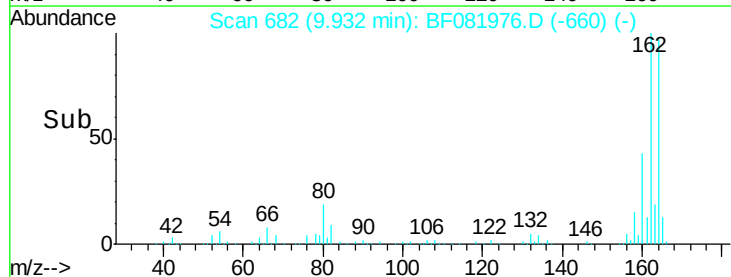
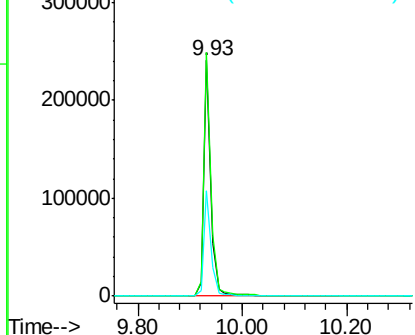


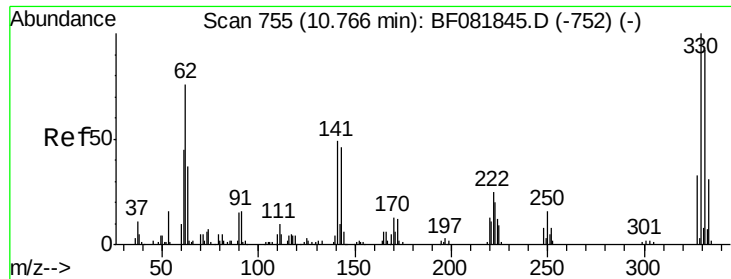
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081976.D
 Acq: 2 Oct 2015 9:52

Tgt Ion:164 Resp: 228685
 Ion Ratio Lower Upper
 164 100
 162 103.2 75.2 112.8
 160 44.9 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

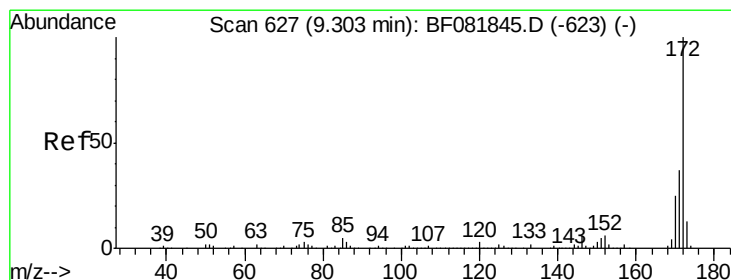
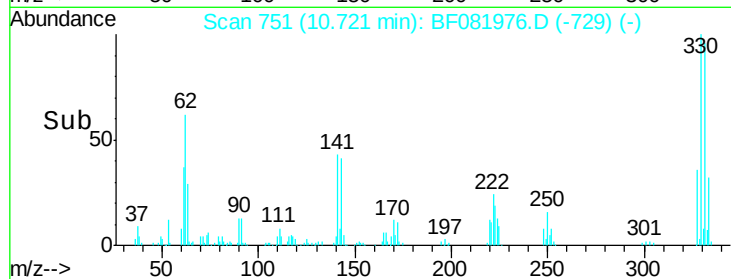
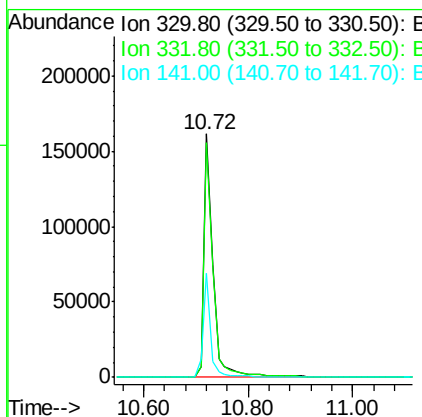
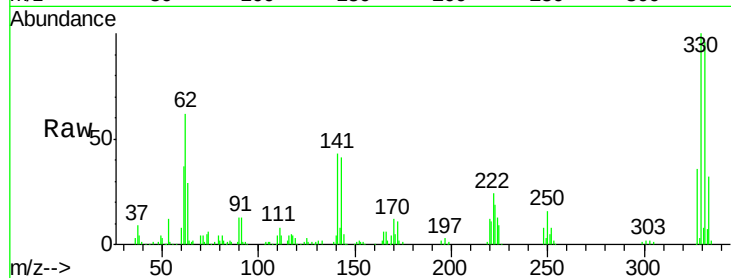




#41
 2,4,6-Tribromophenol
 Concen: 86.17 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081976.D
 Acq: 2 Oct 2015 9:52

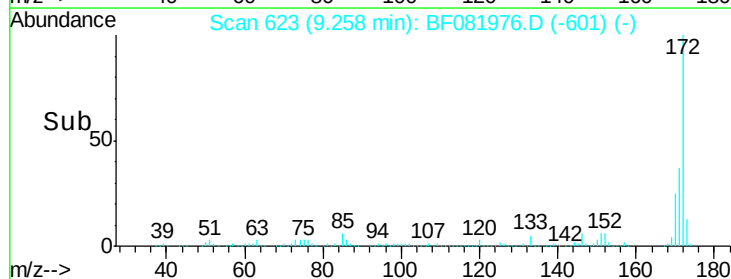
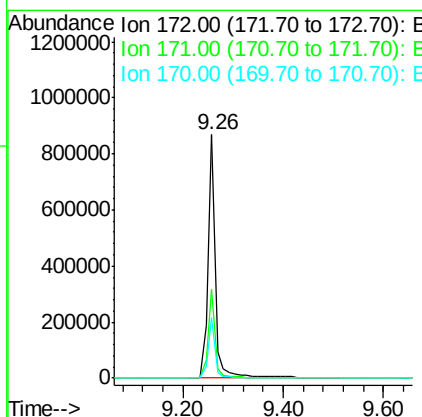
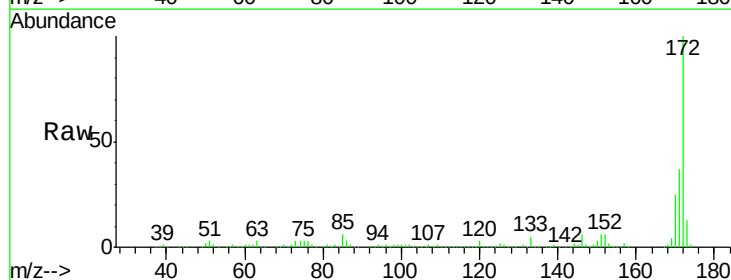
Instrument :
 BNA_F
 ClientSampleId :
 A6-COMP

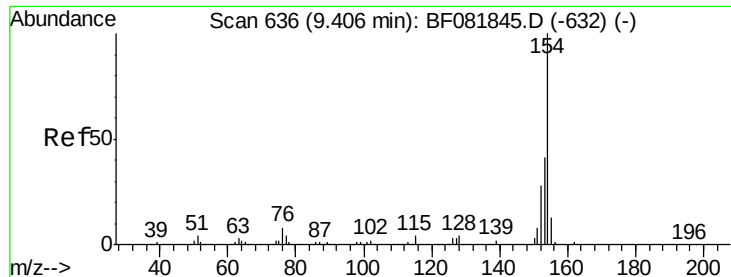
Tot Ion:330 Resp: 199569
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 36.1 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 62.17 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081976.D
 Acq: 2 Oct 2015 9:52

Tgt Ion:172 Resp: 895293
 Ion Ratio Lower Upper
 172 100
 171 36.6 26.1 39.1
 170 24.7 17.4 26.2





#45

1,1'-Biphenyl

Concen: 0.08 ng

RT: 9.26 min Scan# 623

Delta R.T. -0.15 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

Instrument :

BNA_F

ClientSampleId :

A6-COMP

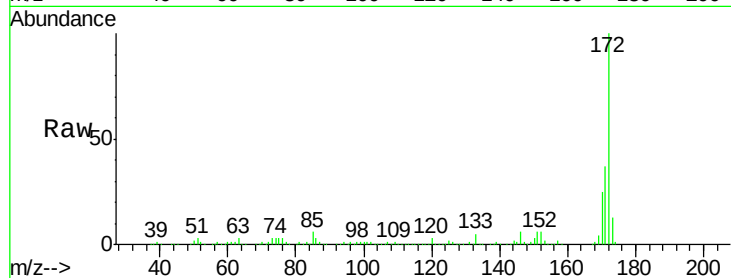
Tot Ion:154 Resp: 1335

Ion Ratio Lower Upper

154 100

153 1044.7 17.1 57.1#

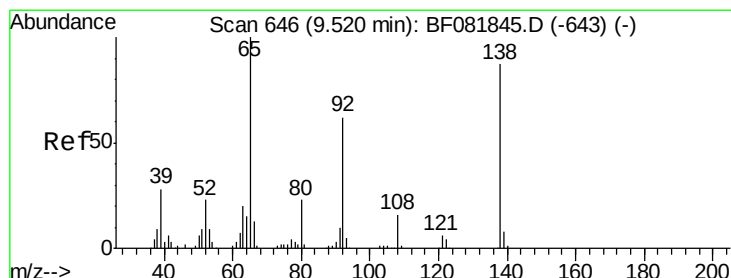
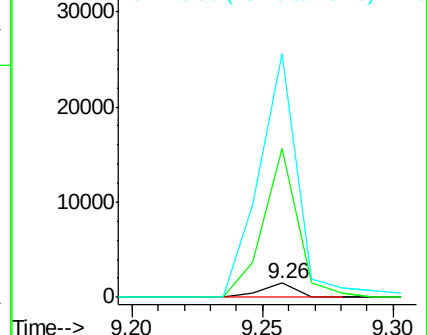
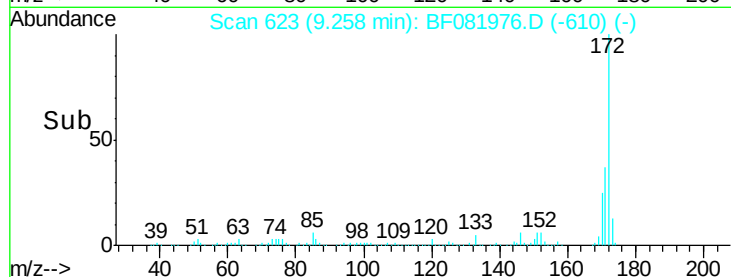
76 1706.8 0.0 31.6#



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: 0.43 ng

RT: 9.65 min Scan# 657

Delta R.T. 0.13 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

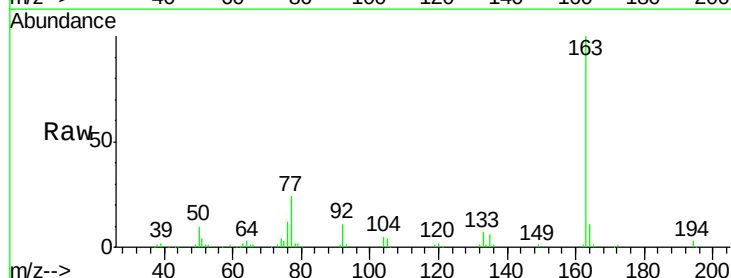
Tgt Ion: 65 Resp: 1742

Ion Ratio Lower Upper

65 100

92 867.7 55.4 83.0#

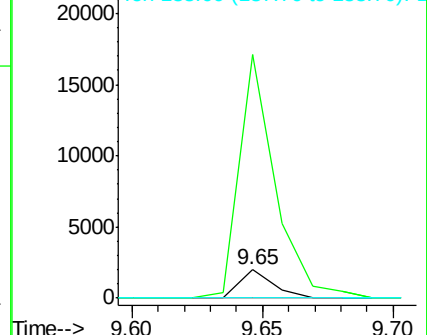
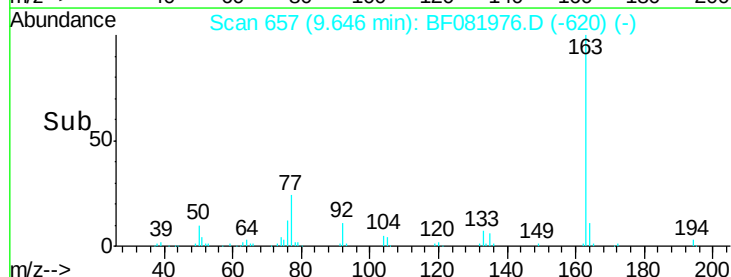
138 0.0 115.5 173.3#

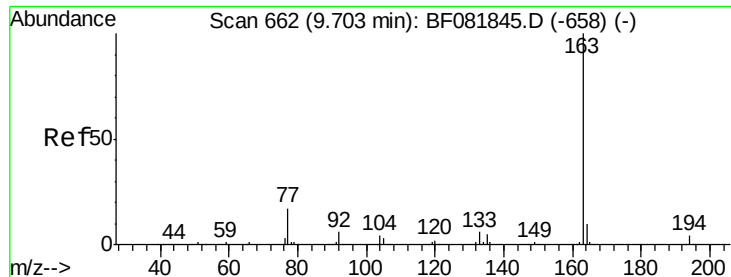


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

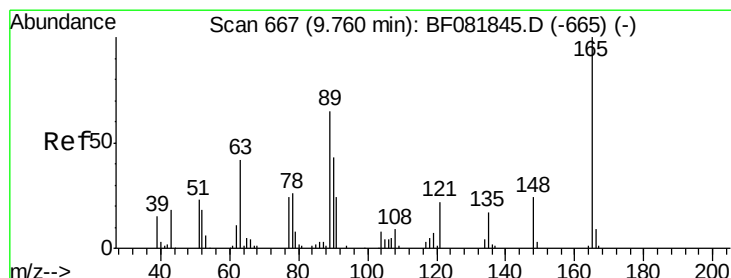
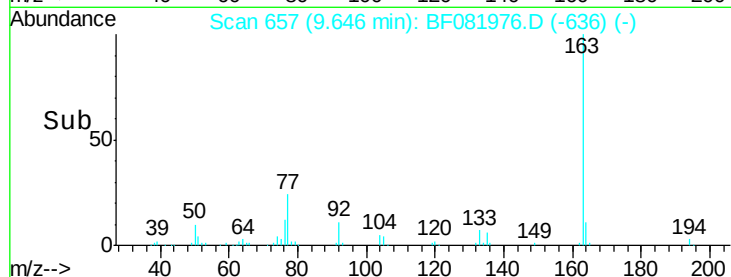
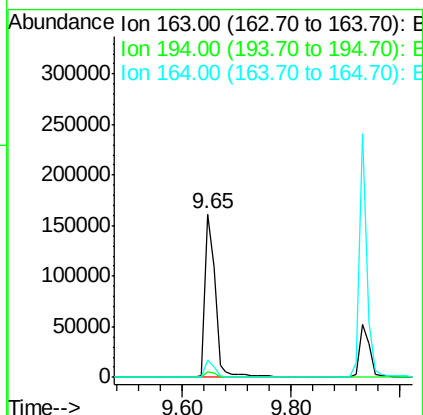
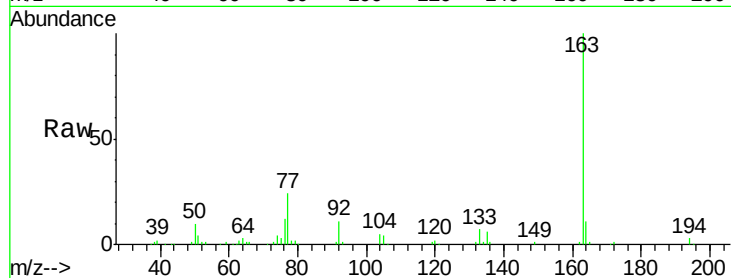




#49
Dimethylphthalate
Concen: 13.58 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.06 min
Lab File: BF081976.D
Acq: 2 Oct 2015 9:52

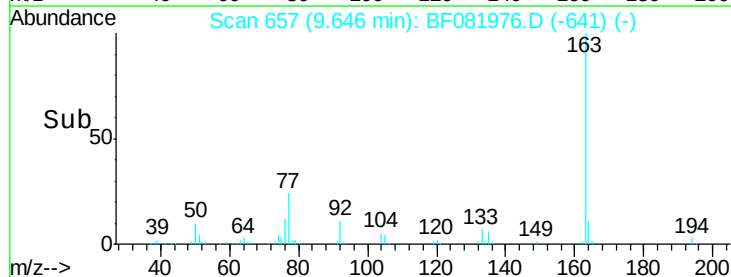
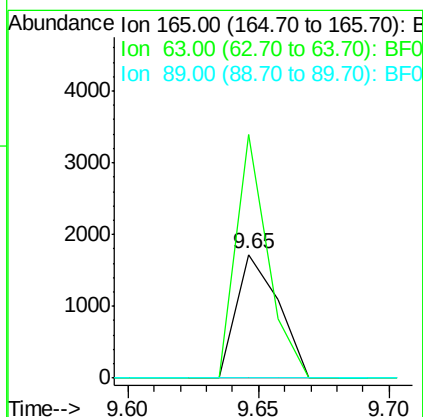
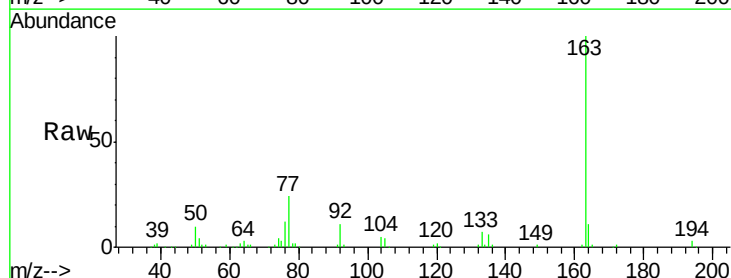
Instrument :
BNA_F
ClientSampleId :
A6-COMP

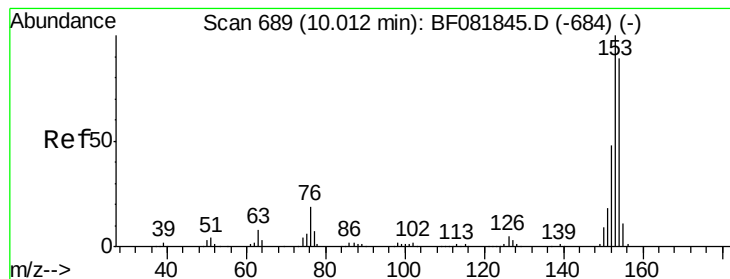
Tot Ion:163 Resp: 214300
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.6 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 0.56 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.11 min
Lab File: BF081976.D
Acq: 2 Oct 2015 9:52

Tgt Ion:165 Resp: 1930
Ion Ratio Lower Upper
165 100
63 197.3 32.3 48.5#
89 0.0 28.6 43.0#





#51

Acenaphthene

Concen: 0.06 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.08 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

Instrument :

BNA_F

ClientSampled :

A6-COMP

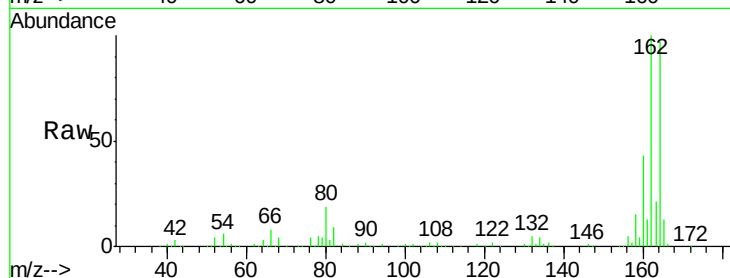
Tot Ion:154 Resp: 750

Ion Ratio Lower Upper

154 100

153 0.0 82.1 123.1#

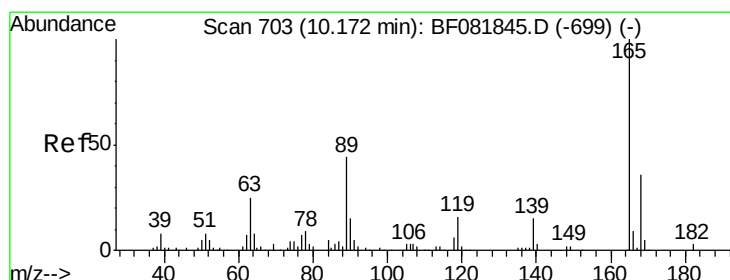
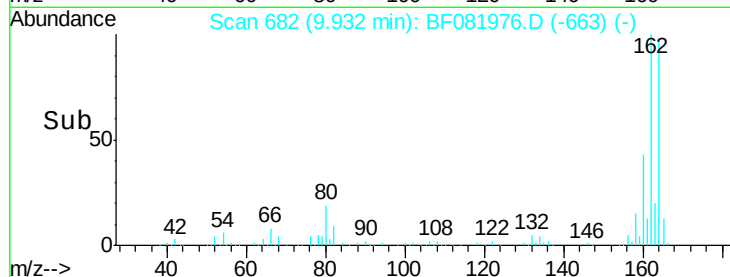
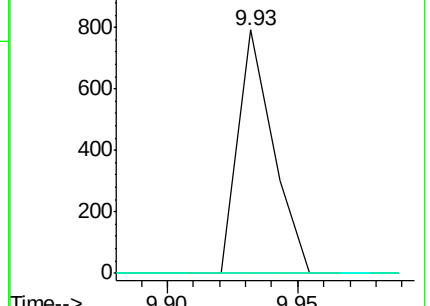
152 0.0 37.9 56.9#



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: 6.60 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

Tgt Ion:165 Resp: 28816

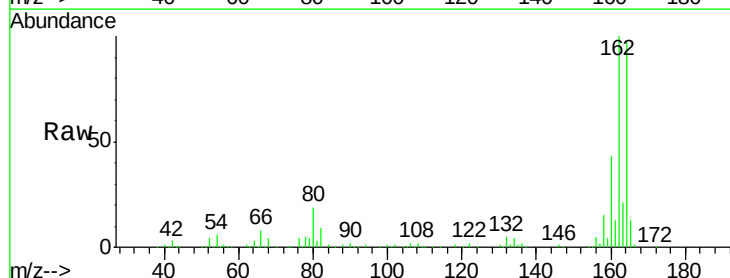
Ion Ratio Lower Upper

165 100

63 1.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

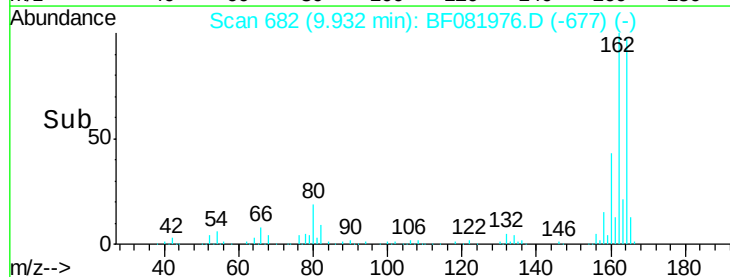
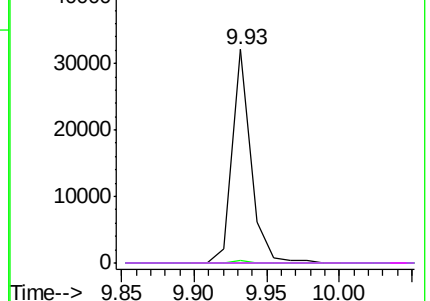


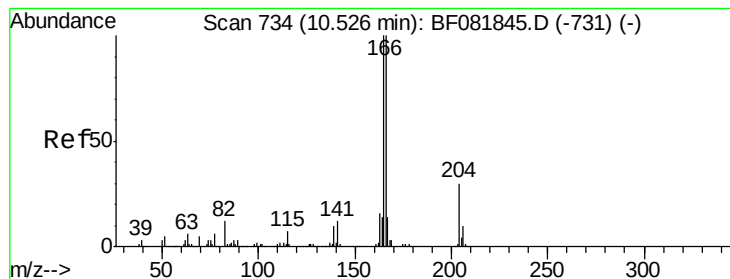
Abundance Ion 165.00 (164.70 to 165.70): E

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: Below Cal

RT: 10.72 min Scan# 751

Delta R.T. 0.19 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

Instrument :

BNA_F

ClientSampleId :

A6-COMP

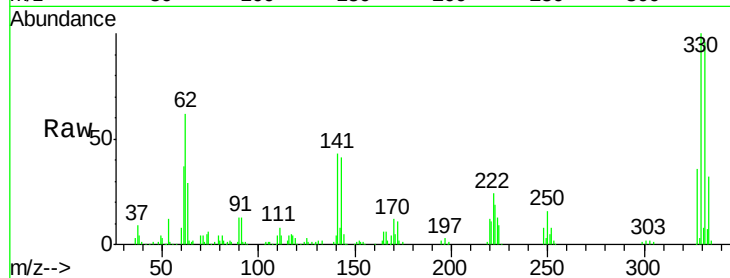
Tot Ion:166 Resp: 8291

Ion Ratio Lower Upper

166 100

165 101.7 72.6 109.0

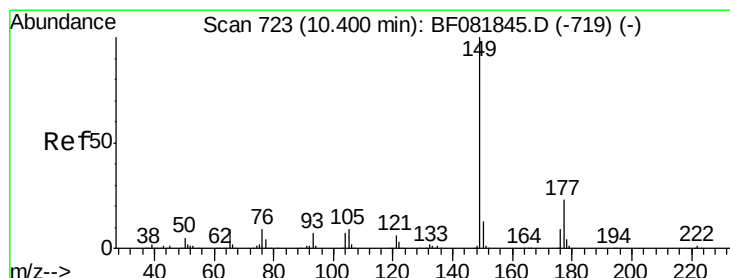
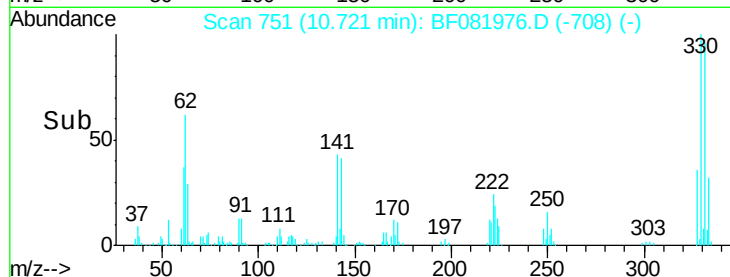
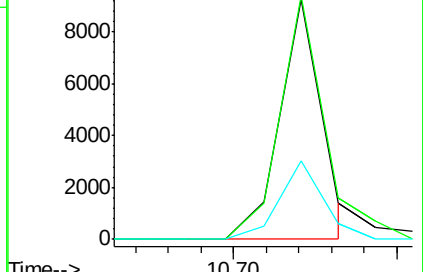
167 33.0 10.6 16.0#



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: 0.08 ng

RT: 10.35 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

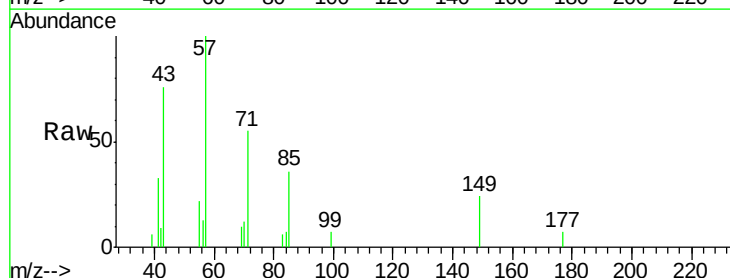
Tgt Ion:149 Resp: 1115

Ion Ratio Lower Upper

149 100

177 29.0 17.5 26.3#

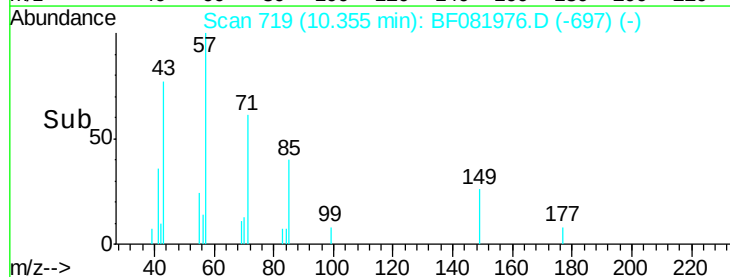
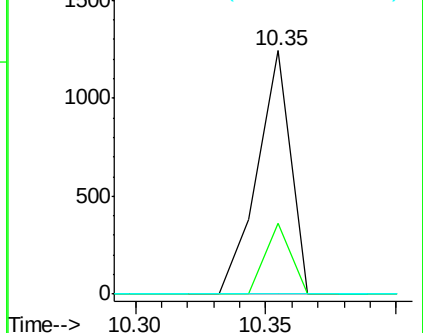
150 0.0 9.4 14.2#

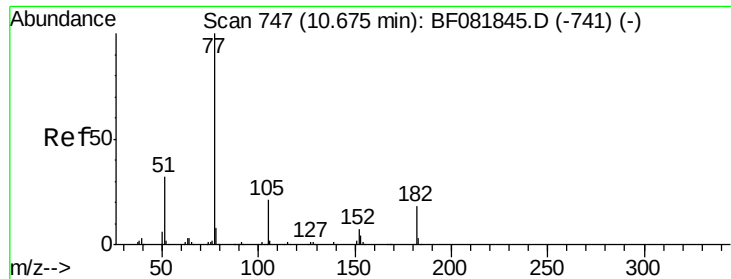


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.04 ng

RT: 10.72 min Scan# 751

Delta R.T. 0.05 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

Instrument :

BNA_F

ClientSampleId :

A6-COMP

Tot Ion: 77 Resp: 618

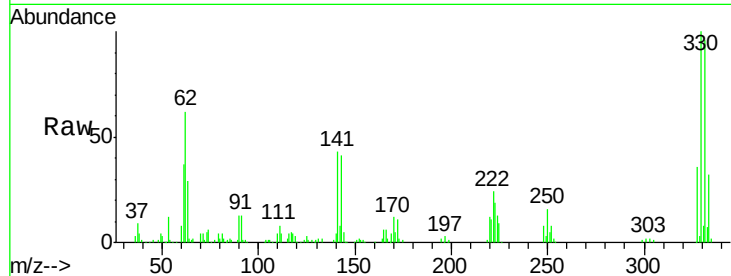
Ion Ratio Lower Upper

77 100

182 0.0 15.1 55.1#

105 103.8 3.4 43.4#

51 87.9 12.0 52.0#

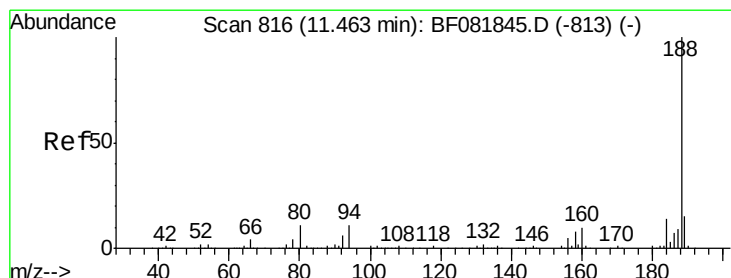
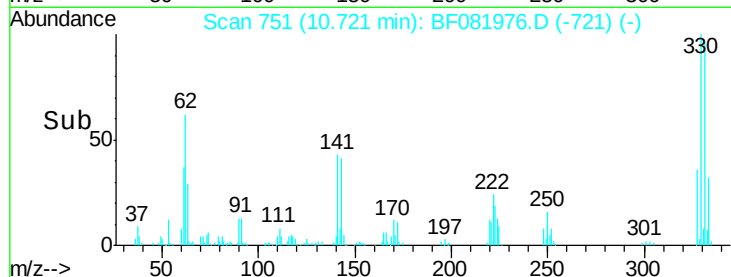
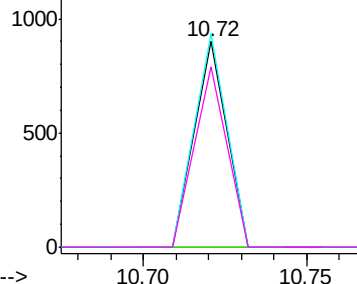


Abundance Ion 77.00 (76.70 to 77.70): BF0

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

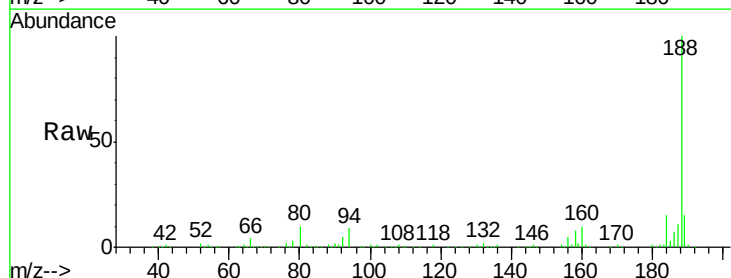
Tgt Ion: 188 Resp: 457146

Ion Ratio Lower Upper

188 100

94 9.2 11.1 16.7#

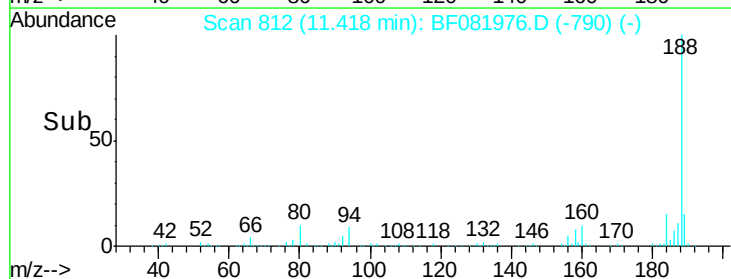
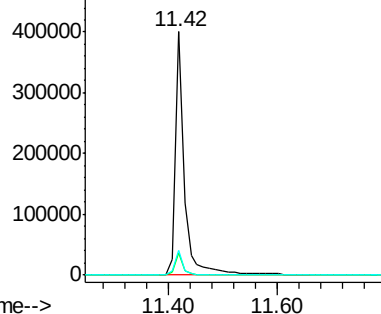
80 10.1 11.0 16.4#

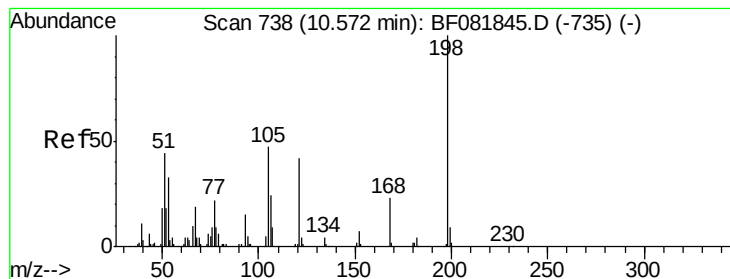


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 1.38 ng

RT: 10.72 min Scan# 751

Delta R.T. 0.15 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

Instrument :

BNA_F

ClientSampleId :

A6-COMP

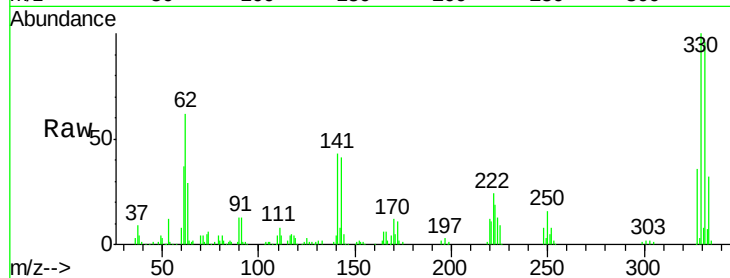
Tot Ion:198 Resp: 380

Ion Ratio Lower Upper

198 100

51 143.0 39.6 79.6#

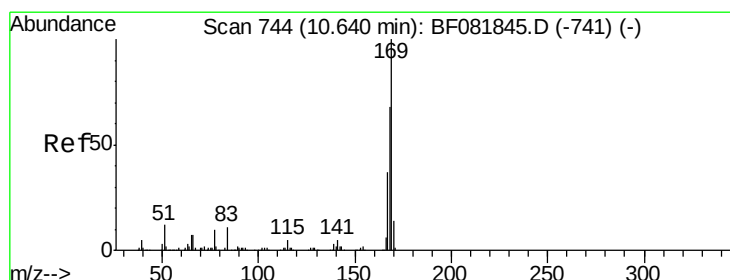
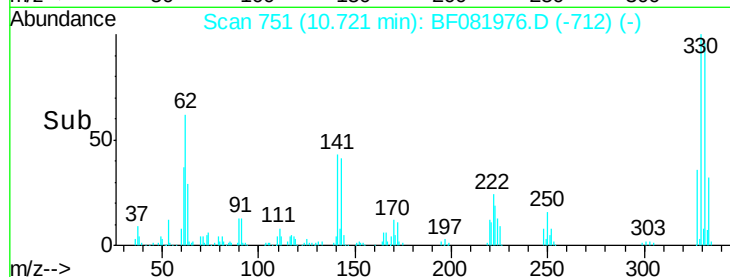
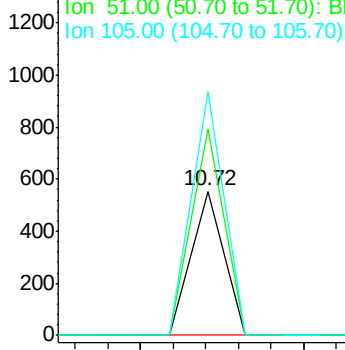
105 168.8 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.46 ng

RT: 10.72 min Scan# 751

Delta R.T. 0.08 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

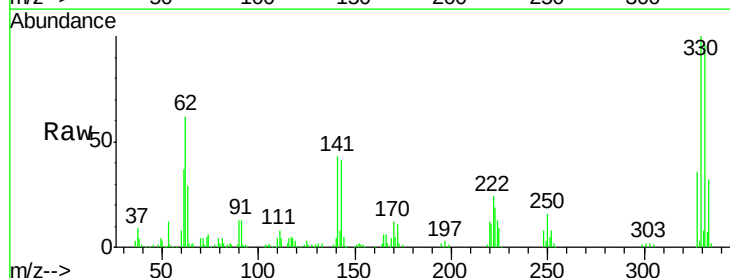
Tgt Ion:169 Resp: 6361

Ion Ratio Lower Upper

169 100

168 6.2 48.9 73.3#

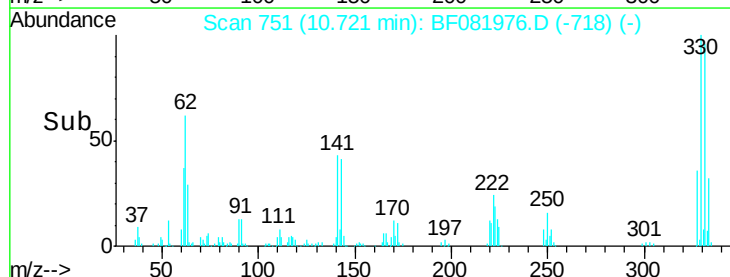
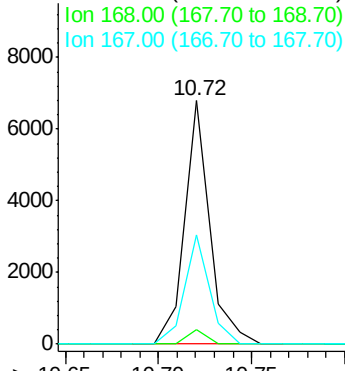
167 44.8 26.2 39.4#

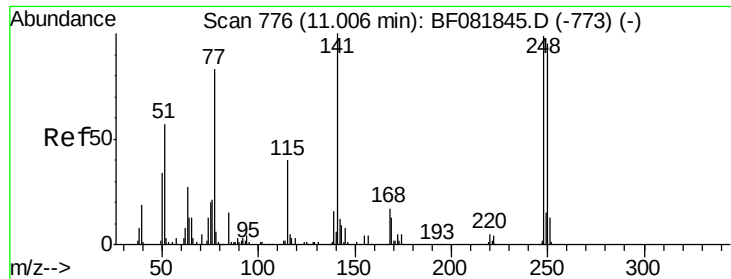


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 2.83 ng

RT: 10.72 min Scan# 751

Delta R.T. -0.29 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

Instrument :

BNA_F

ClientSampleId :

A6-COMP

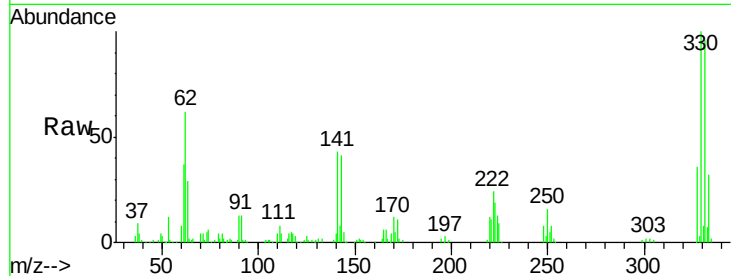
Tot Ion:248 Resp: 13048

Ion Ratio Lower Upper

248 100

250 195.1 78.5 117.7#

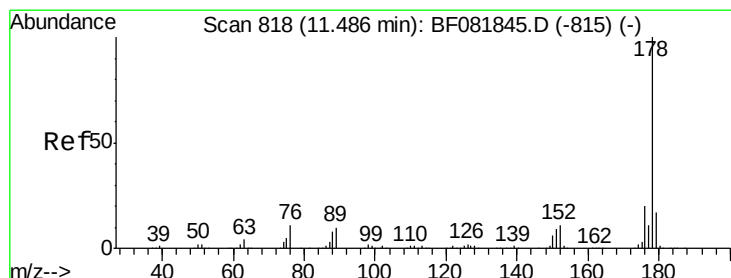
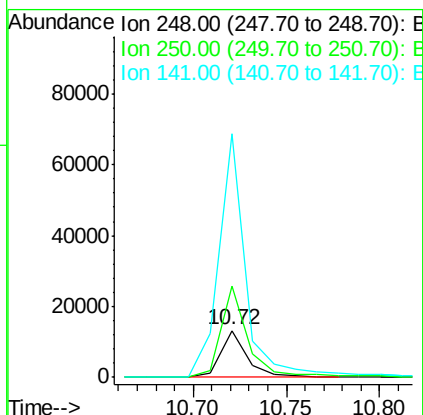
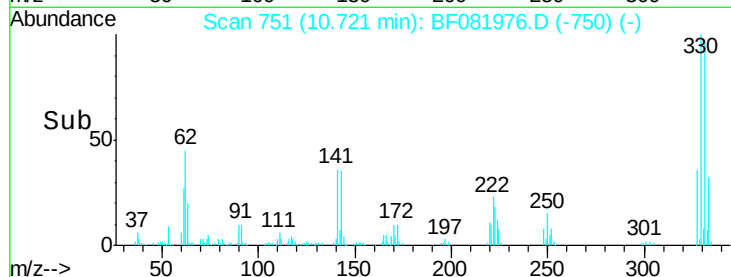
141 520.5 59.0 88.6#



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



#70

Phenanthrene

Concen: Below Cal

RT: 11.44 min Scan# 814

Delta R.T. -0.05 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

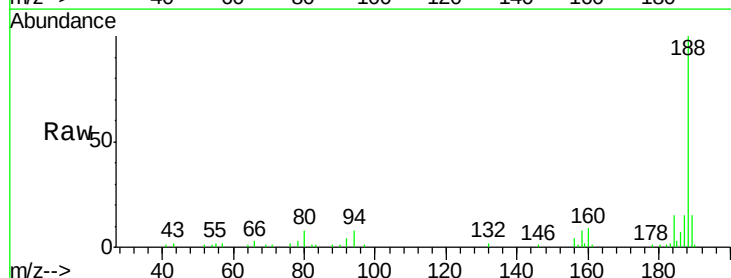
Tgt Ion:178 Resp: 255

Ion Ratio Lower Upper

178 100

176 0.0 13.8 20.8#

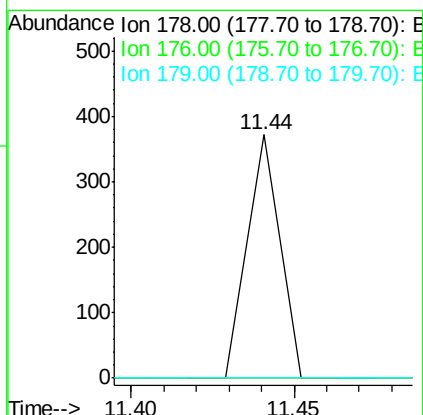
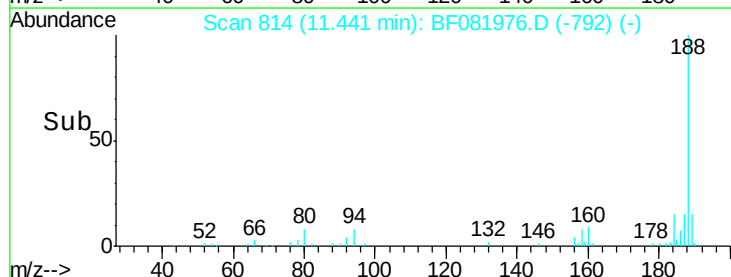
179 0.0 12.2 18.2#

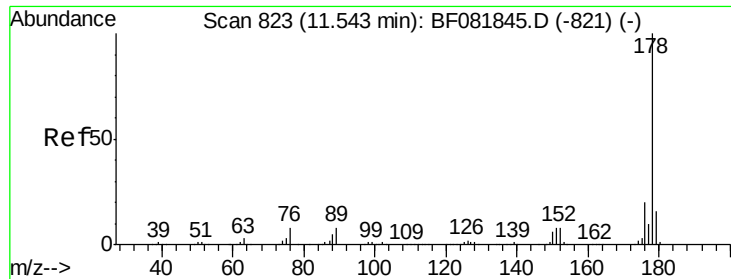


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

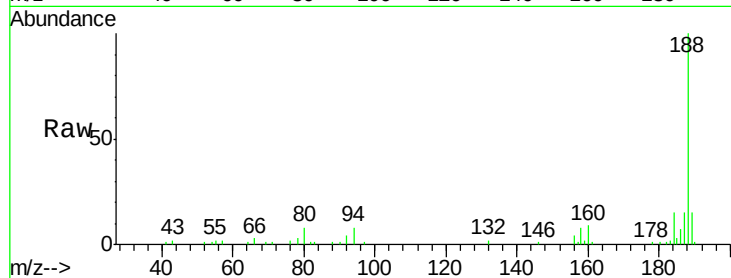




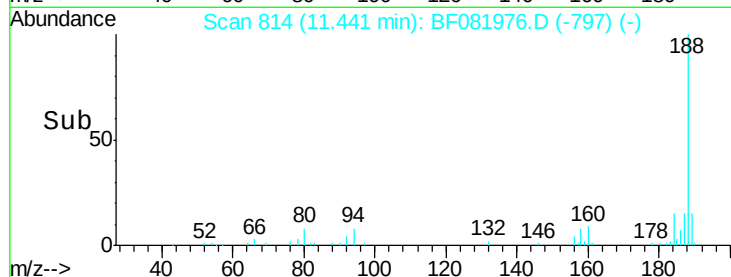
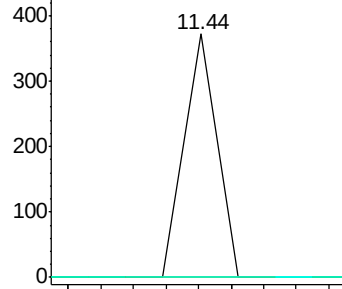
#71
 Anthracene
 Concen: 0.01 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.10 min
 Lab File: BF081976.D
 Acq: 2 Oct 2015 9:52

Instrument :
 BNA_F
 ClientSampleId :
 A6-COMP

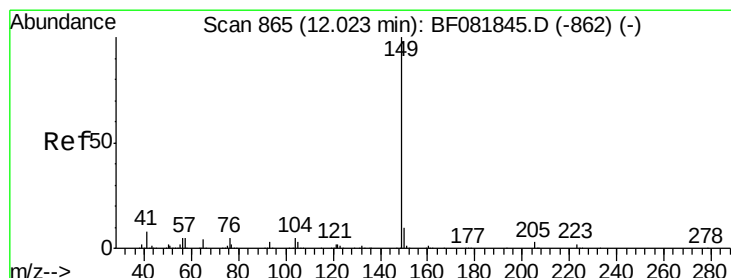
Tot Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.1	21.1#
179	0.0	12.2	18.2#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

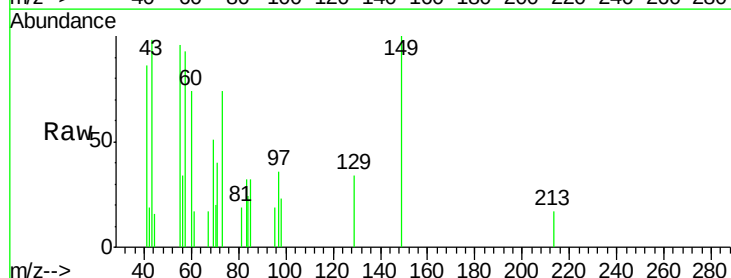


Time--> 11.40 11.45

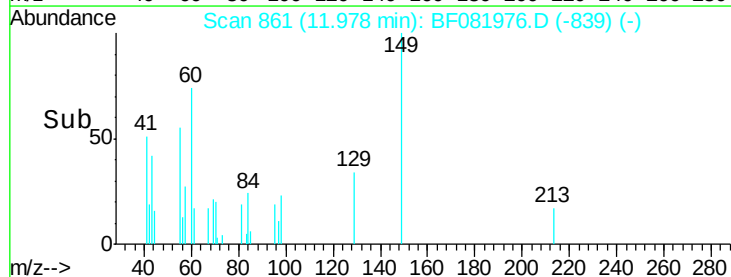
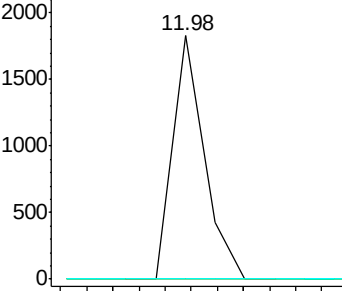


#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.98 min Scan# 861
 Delta R.T. -0.05 min
 Lab File: BF081976.D
 Acq: 2 Oct 2015 9:52

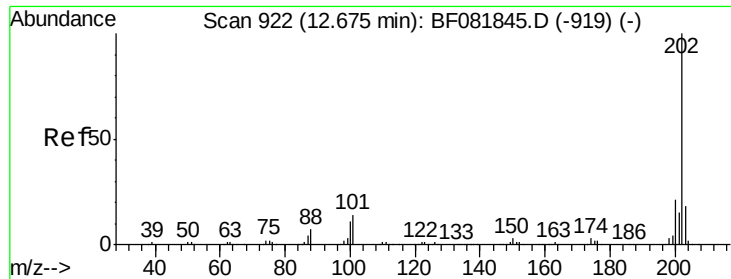
Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.4	11.2#
104	0.0	2.4	3.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



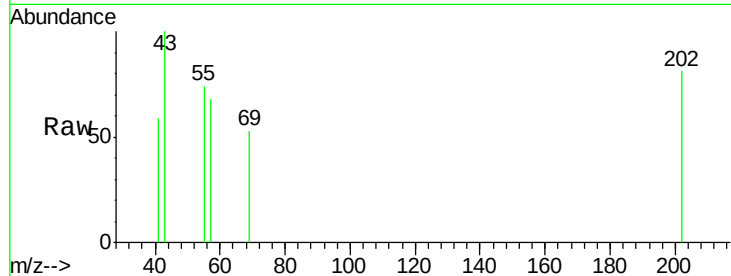
Time--> 11.95 12.00



#74
Fluoranthene
Concen: 0.01 ng
RT: 12.63 min Scan# 918
Delta R.T. -0.05 min
Lab File: BF081976.D
Acq: 2 Oct 2015 9:52

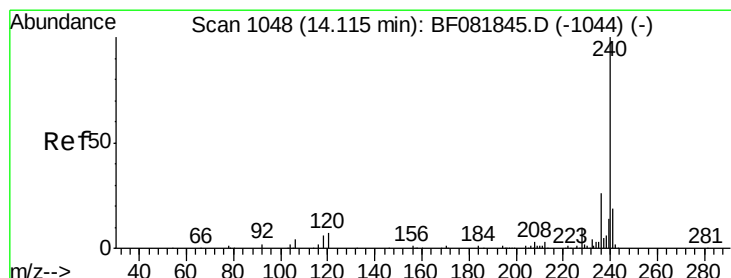
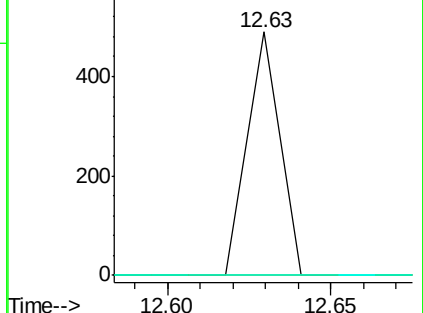
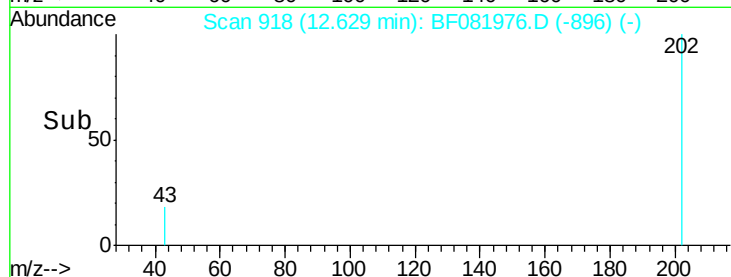
Instrument :
BNA_F
ClientSampleId :
A6-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	38.3
203	0.0	0.0	37.3



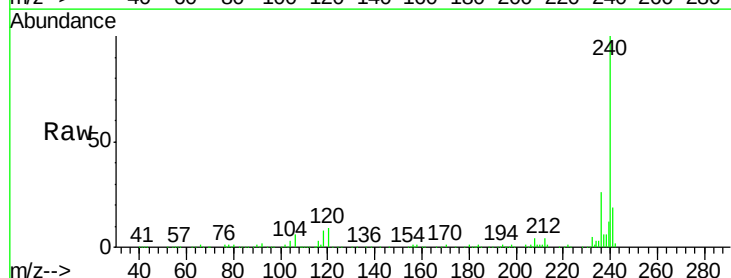
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

12.63



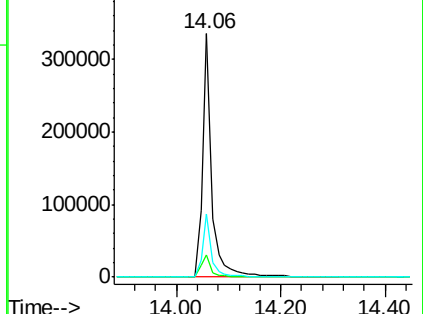
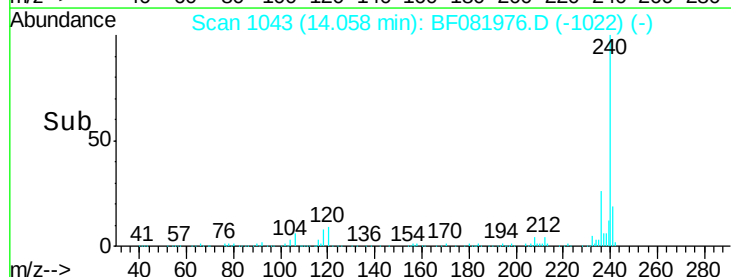
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF081976.D
Acq: 2 Oct 2015 9:52

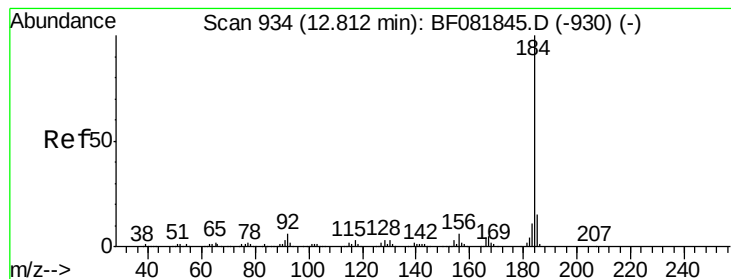
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	16.2	24.2#
236	25.7	18.4	27.6



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

14.06





#76

Benzidine

Concen: 0.91 ng

RT: 13.01 min Scan# 951

Delta R.T. 0.19 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

Instrument :

BNA_F

ClientSampleId :

A6-COMP

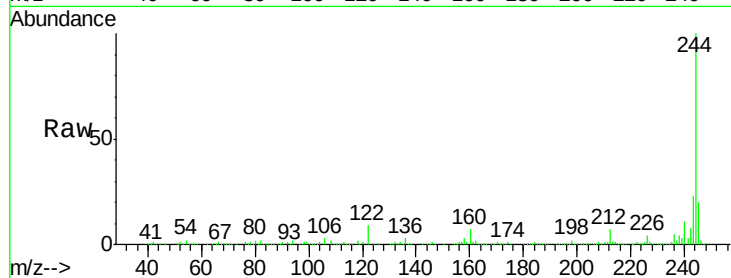
Tot Ion:184 Resp: 11441

Ion Ratio Lower Upper

184 100

185 18.3 11.8 17.6#

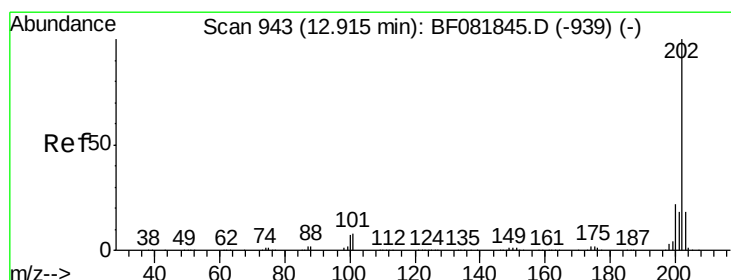
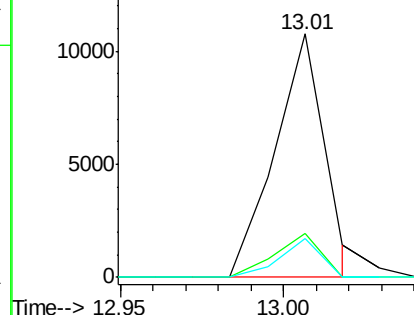
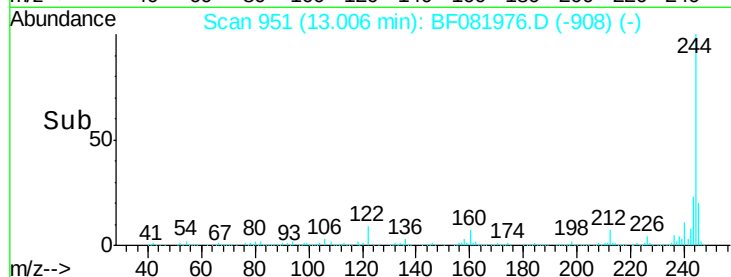
183 15.8 7.6 11.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.01 ng

RT: 12.86 min Scan# 938

Delta R.T. -0.06 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

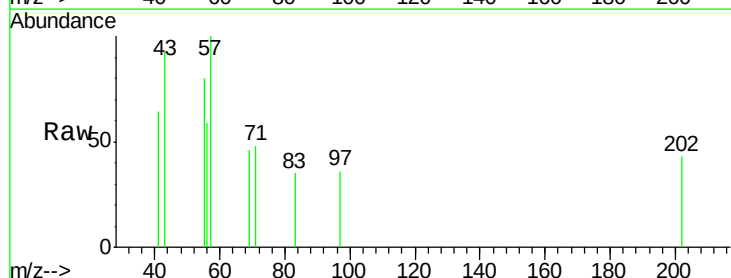
Tgt Ion:202 Resp: 261

Ion Ratio Lower Upper

202 100

200 0.0 15.0 22.4#

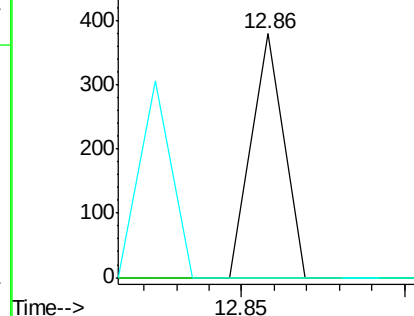
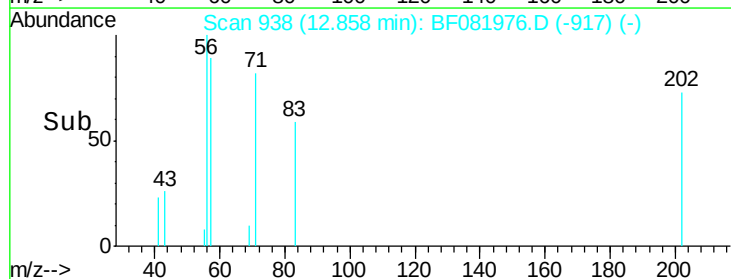
203 0.0 14.1 21.1#

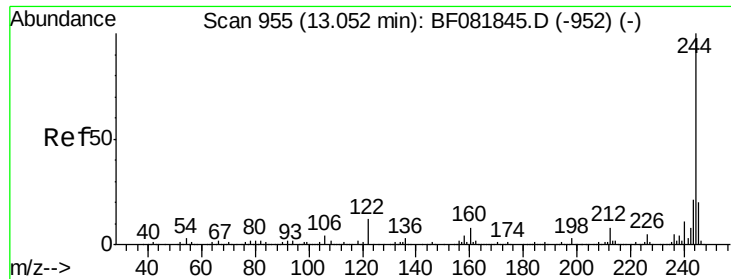


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

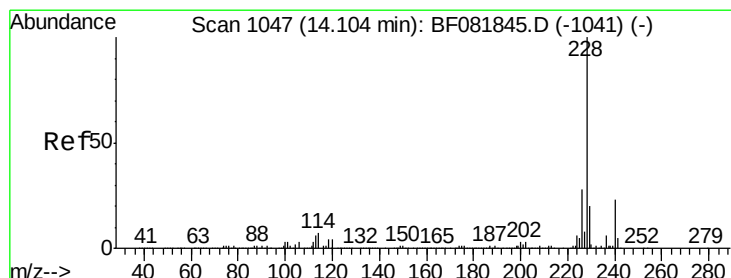
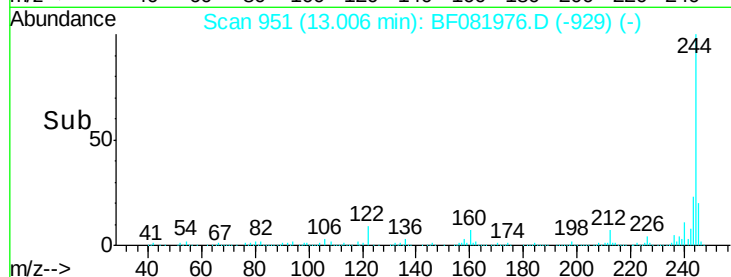
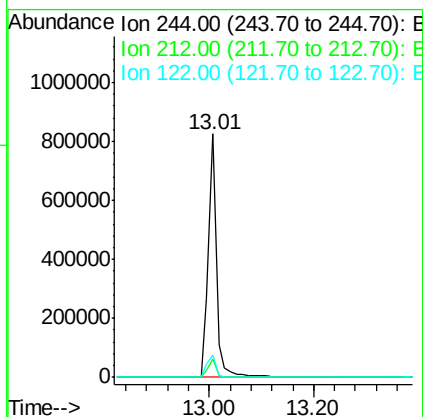
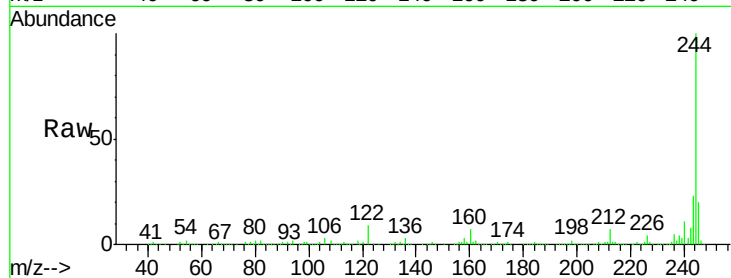




#78
 Terphenyl-d14
 Concen: 65.70 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081976.D
 Acq: 2 Oct 2015 9:52

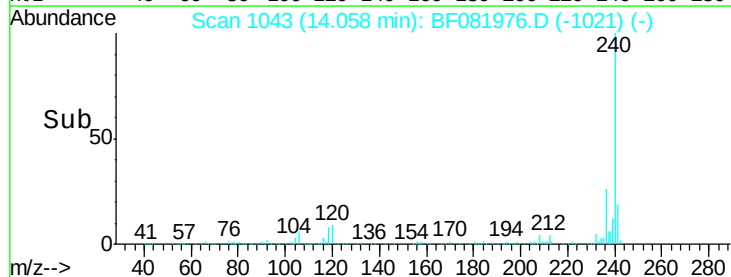
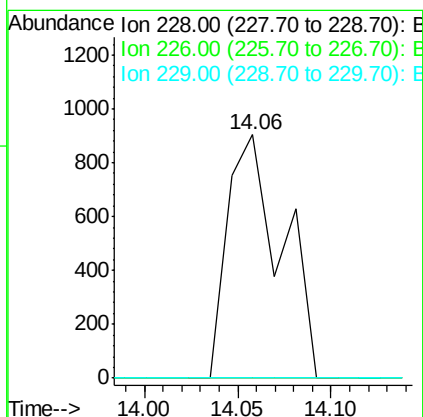
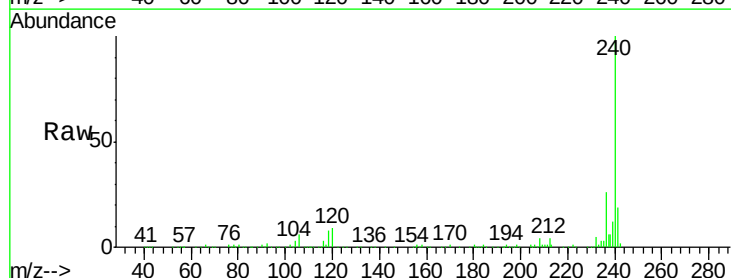
Instrument :
 BNA_F
 ClientSampleId :
 A6-COMP

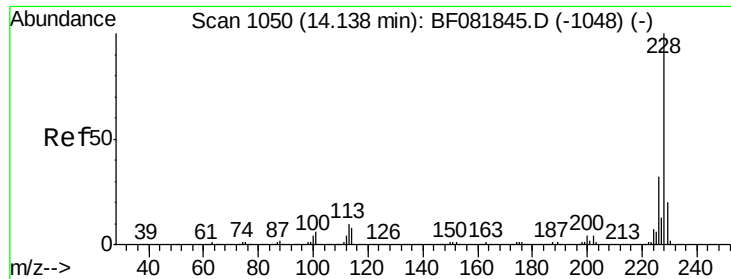
Tot Ion:244 Resp: 899497
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.3 6.5#
 122 9.0 17.4 26.2#



#80
 Benzo(a)anthracene
 Concen: 0.08 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.05 min
 Lab File: BF081976.D
 Acq: 2 Oct 2015 9:52

Tgt Ion:228 Resp: 1823
 Ion Ratio Lower Upper
 228 100
 226 0.0 20.0 30.0#
 229 0.0 15.4 23.2#





#82

Chrysene

Concen: 0.96 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.08 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

Instrument :

BNA_F

ClientSampleId :

A6-COMP

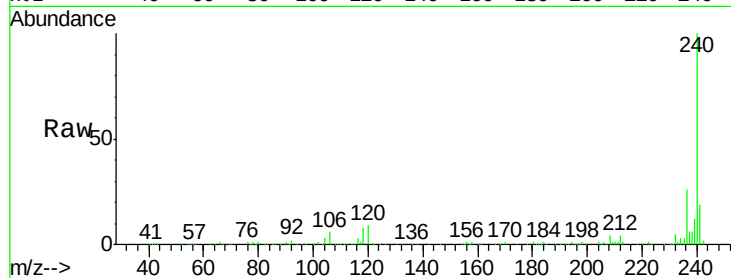
Tot Ion:228 Resp: 1823

Ion Ratio Lower Upper

228 100

226 0.0 21.0 31.4#

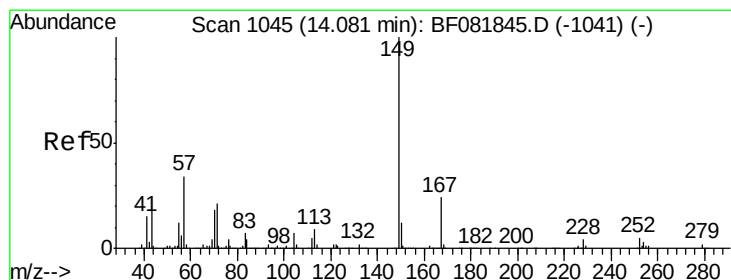
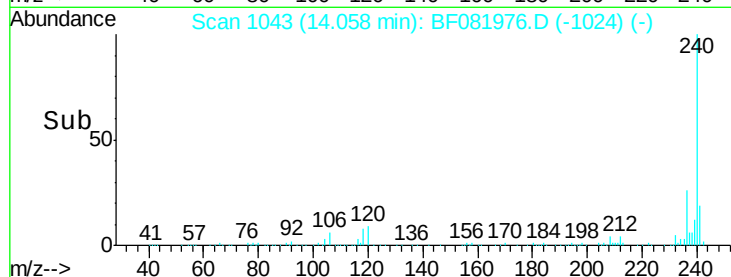
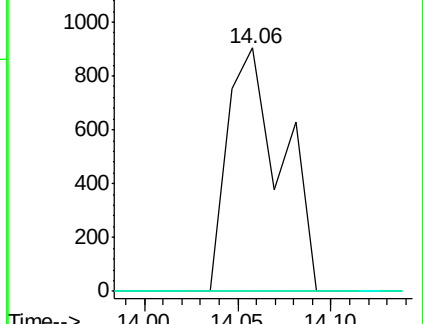
229 0.0 15.6 23.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.15 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.05 min

Lab File: BF081976.D

Acq: 2 Oct 2015 9:52

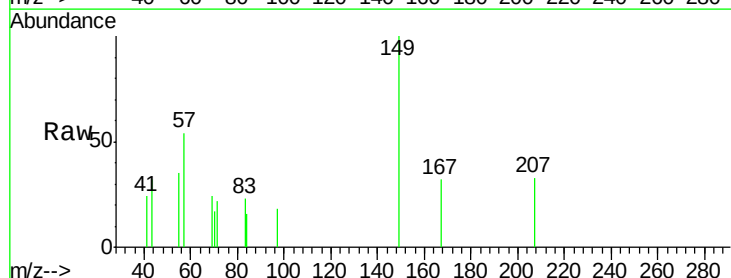
Tgt Ion:149 Resp: 1698

Ion Ratio Lower Upper

149 100

167 31.6 24.2 36.2

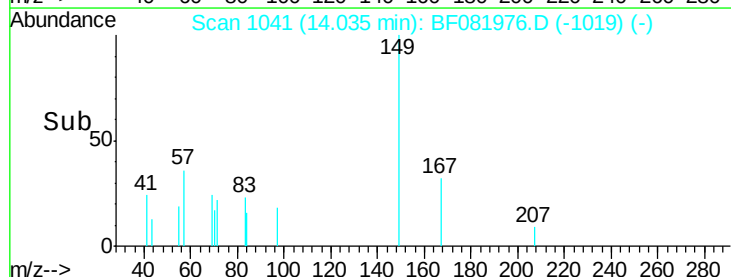
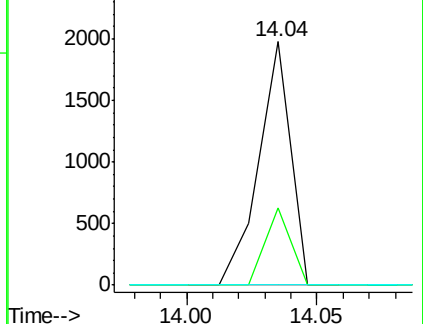
279 0.0 3.8 5.6#

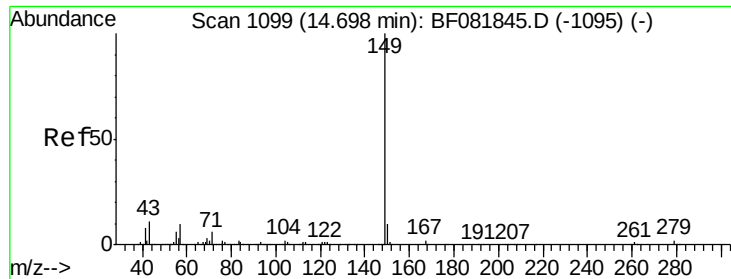


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

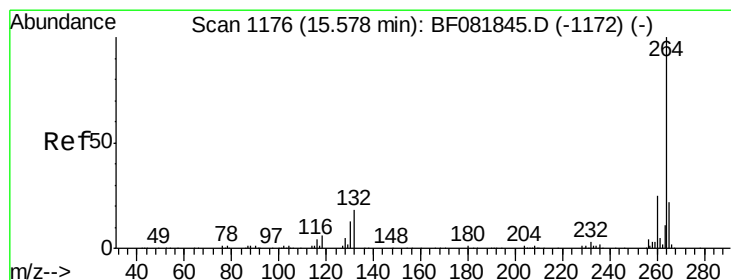
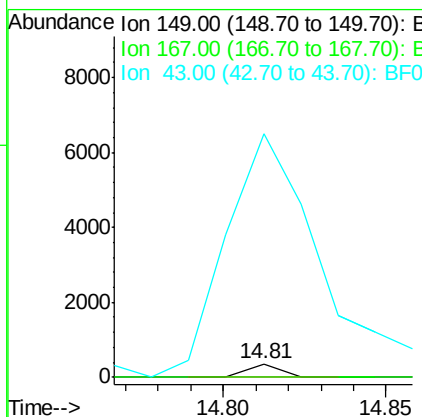
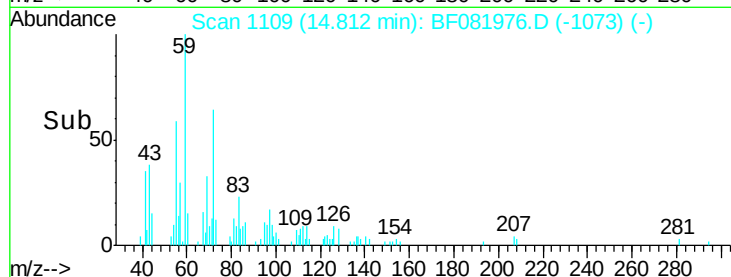
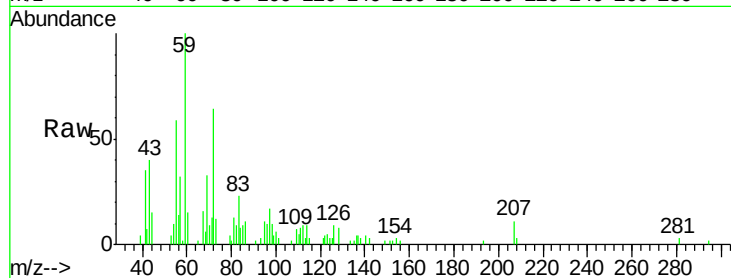




#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 14.81 min Scan# 1109
Delta R.T. 0.11 min
Lab File: BF081976.D
Acq: 2 Oct 2015 9:52

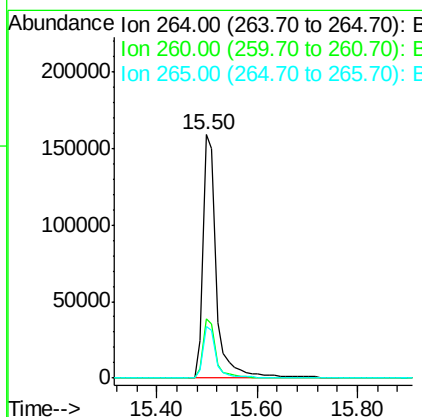
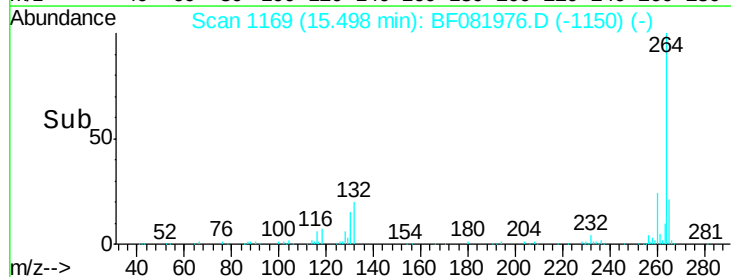
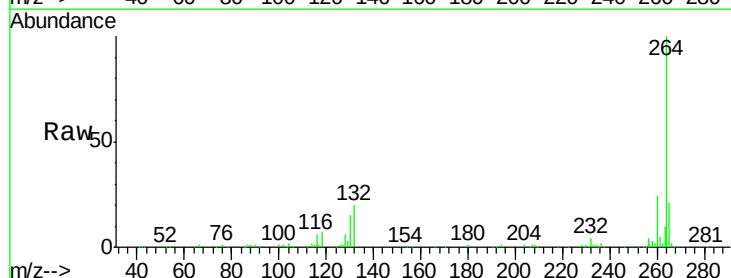
Instrument :
BNA_F
ClientSampleId :
A6-COMP

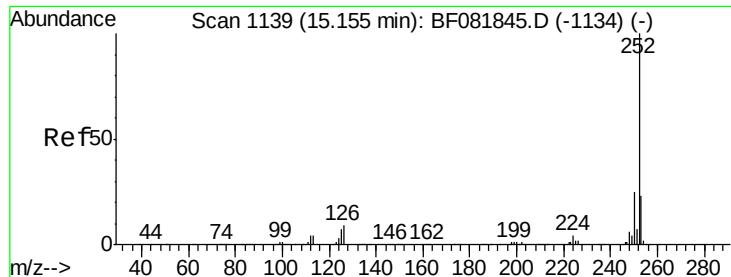
Tot Ion:149 Resp: 253
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 5464.8 10.2 15.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1169
Delta R.T. -0.08 min
Lab File: BF081976.D
Acq: 2 Oct 2015 9:52

Tgt Ion:264 Resp: 297374
Ion Ratio Lower Upper
264 100
260 24.4 16.7 25.1
265 21.3 17.2 25.8

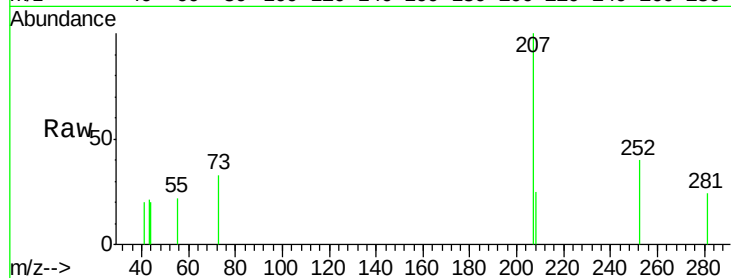




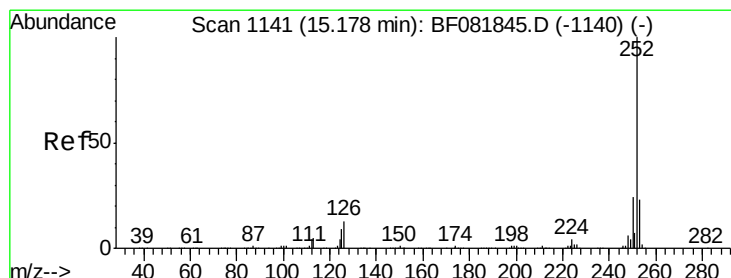
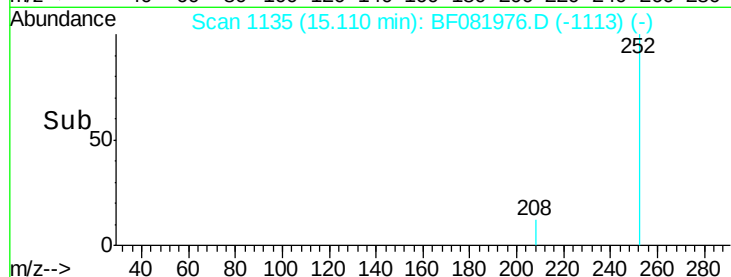
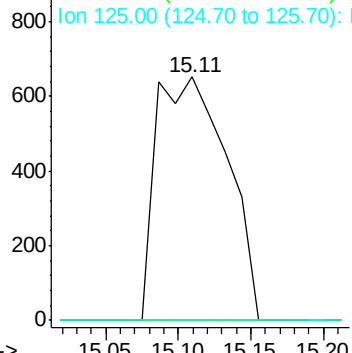
#87
Benzo(b)fluoranthene
Concen: 0.13 ng
RT: 15.11 min Scan# 1135
Delta R.T. -0.05 min
Lab File: BF081976.D
Acq: 2 Oct 2015 9:52

Instrument :
BNA_F
ClientSampleId :
A6-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.5	26.3#
125	0.0	17.1	25.7#

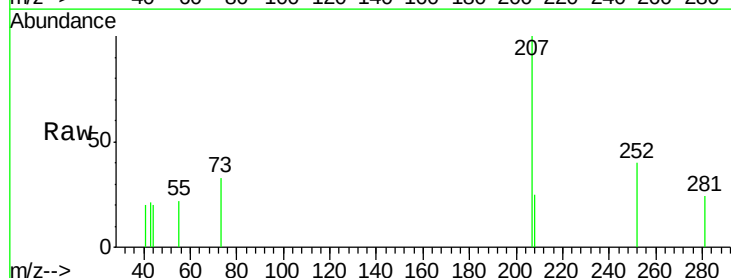


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

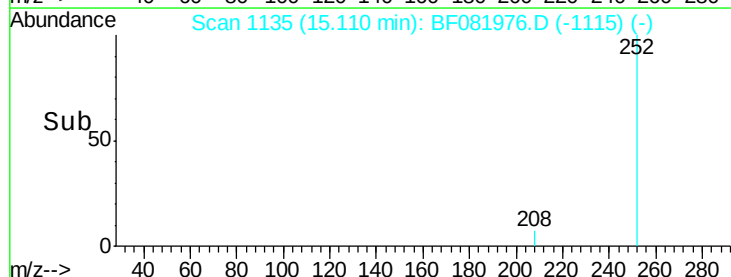
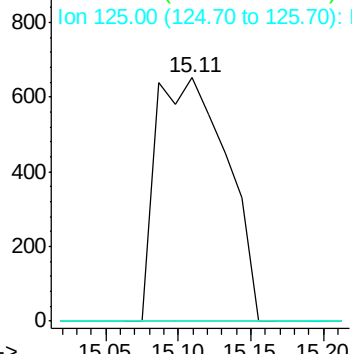


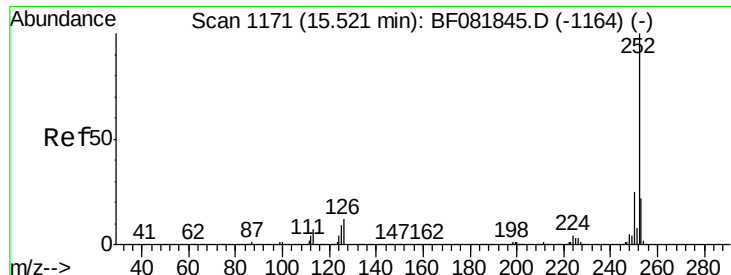
#88
Benzo(k)fluoranthene
Concen: 0.14 ng
RT: 15.11 min Scan# 1135
Delta R.T. -0.07 min
Lab File: BF081976.D
Acq: 2 Oct 2015 9:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.0	25.4#
125	0.0	16.0	24.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

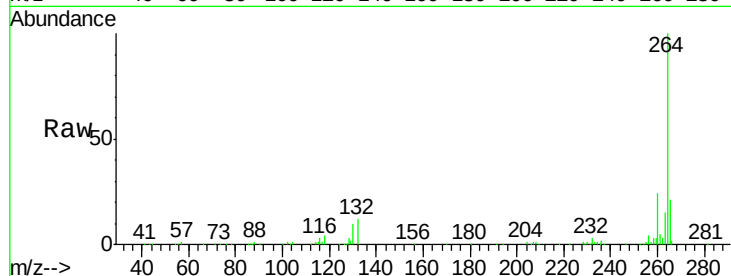




#89
 Benzo(a)pyrene
 Concen: 0.05 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF081976.D
 Acq: 2 Oct 2015 9:52

Instrument :
 BNA_F
 ClientSampleId :
 A6-COMP

Tot Ion:	252	Resp:	783
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.2	25.8#
125	0.0	18.0	27.0#



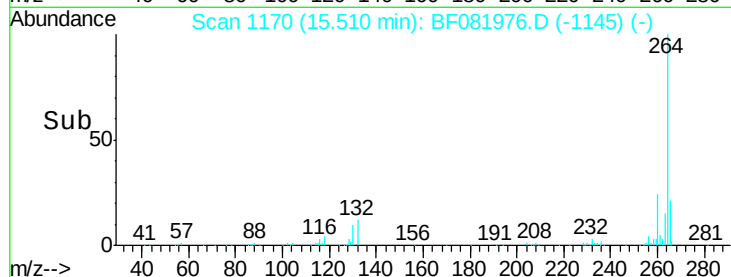
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

15.51



Time--> 15.45 15.50 15.55