

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082306.D
 Acq On : 15 Oct 2015 13:44
 Operator : UM/IZ
 Sample : G4016-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-9

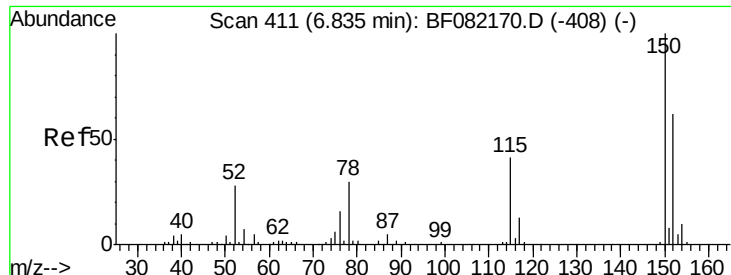
Quant Time: Oct 16 01:09:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:04:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	81168	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	304190	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	127682	20.00	ng	0.01
63) Phenanthrene-d10	11.38	188	217159	20.00	ng	0.02
75) Chrysene-d12	14.09	240	154083	20.00	ng	0.00
86) Perylene-d12	15.67	264	152448	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	181799	45.20	ng	0.00
7) Phenol-d6	6.46	99	407194	77.80	ng	-0.01
23) Nitrobenzene-d5	7.39	82	346788	76.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	19287	16.11	ng	0.01
44) 2-Fluorobiphenyl	9.20	172	595683	77.37	ng	0.00
78) Terphenyl-d14	12.97	244	437829	75.30	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	59230	16.12	ng	# 78
31) Naphthalene	8.14	128	84975	6.44	ng	100
35) Caprolactam	8.55	113	74520	65.12	ng	# 53
36) 4-Chloro-3-methylphenol	8.66	107	9241	2.40	ng	# 22
37) 2-Methylnaphthalene	8.83	142	171786	18.79	ng	97
45) 1,1'-Biphenyl	9.30	154	55206	5.67	ng	90
47) 2-Nitroaniline	9.59	65	9411	4.47	ng	91
49) Dimethylphthalate	9.60	163	117657	13.09	ng	# 90
50) 2,6-Dinitrotoluene	9.66	165	19823	10.45	ng	# 73
52) 3-Nitroaniline	9.86	138	12131	5.66	ng	# 32
53) 2,4-Dinitrophenol	9.93	184	756	7.05	ng	# 1
54) Dibenzofuran	10.09	168	98291	9.99	ng	# 67
55) 4-Nitrophenol	10.00	139	10720	10.12	ng	# 1
56) 2,4-Dinitrotoluene	10.09	165	18630	7.86	ng	# 60
58) 2,3,4,6-Tetrachlorophenol	10.21	232	5378	2.41	ng	# 1
61) 4-Nitroaniline	10.35	138	6212	2.99	ng	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	4666	3.83	ng	# 1
65) n-Nitrosodiphenylamine	10.80	169	49914	7.68	ng	95
68) Atrazine	11.12	200	18516	8.99	ng	# 45
70) Phenanthrene	11.41	178	428334	40.24	ng	99
71) Anthracene	11.41	178	428334	39.05	ng	99
74) Fluoranthene	12.59	202	187837	16.43	ng	97
77) Pyrene	12.82	202	128933	14.10	ng	95
80) Benzo(a)anthracene	14.08	228	31783	3.96	ng	# 82
82) Chrysene	14.12	228	49974	5.92	ng	# 89
85) Indeno(1,2,3-cd)pyrene	17.13	276	19720	2.94	ng	97
87) Benzo(b)fluoranthene	15.24	252	61361	6.62	ng	# 1
88) Benzo(k)fluoranthene	15.24	252	61361	7.87	ng	# 1
89) Benzo(a)pyrene	15.60	252	16965	2.13	ng	# 1
91) Benzo(g,h,i)perylene	17.57	276	16839	2.65	ng	# 31

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

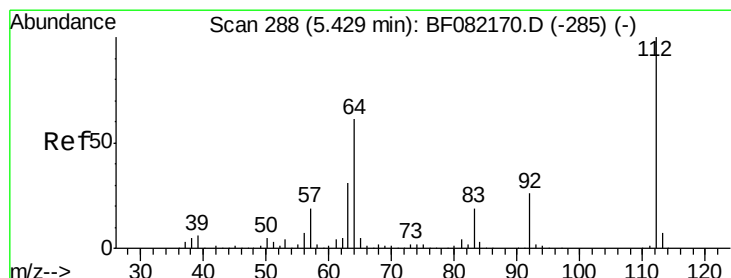
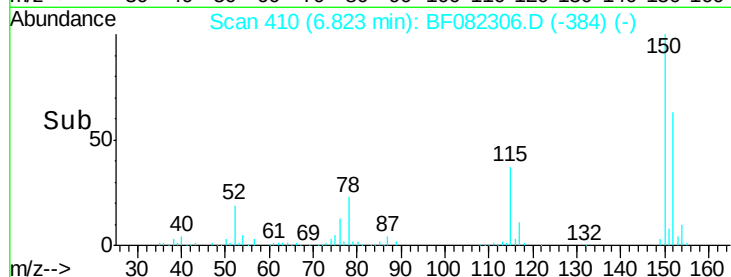
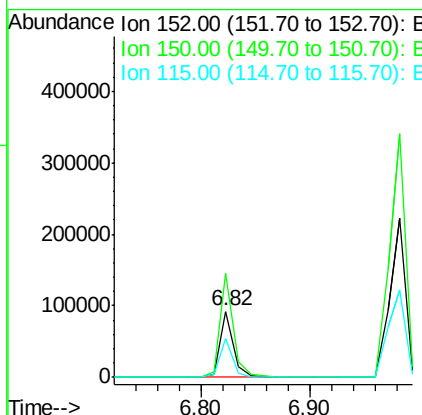
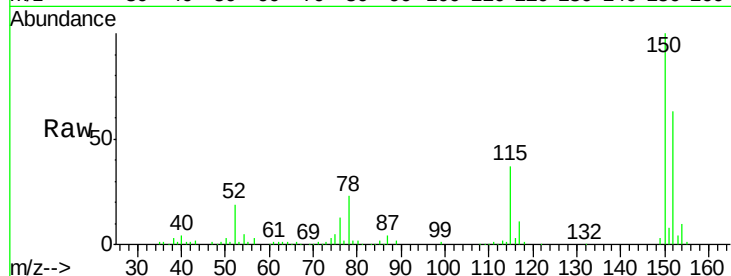


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082306.D
Acq: 15 Oct 2015 13:44

Instrument :
BNA_F
ClientSampled :
CS-9

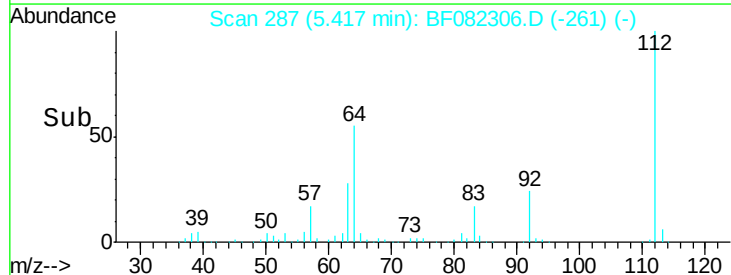
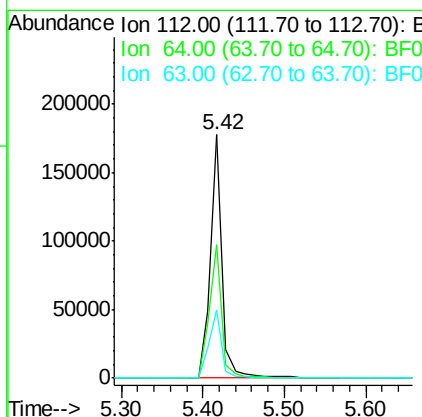
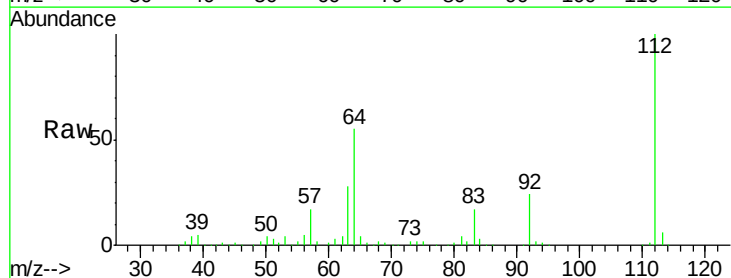
Tot Ion:152 Resp: 81168
Ion Ratio Lower Upper
152 100
150 158.0 129.0 193.4
115 58.1 52.1 78.1

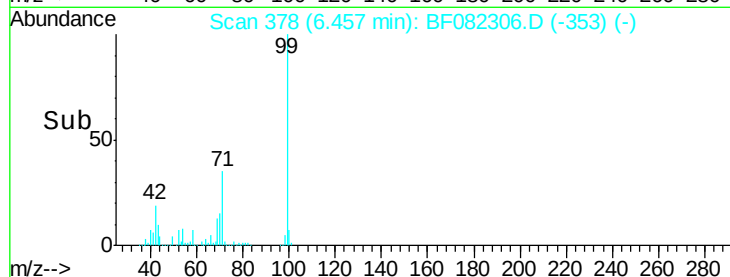
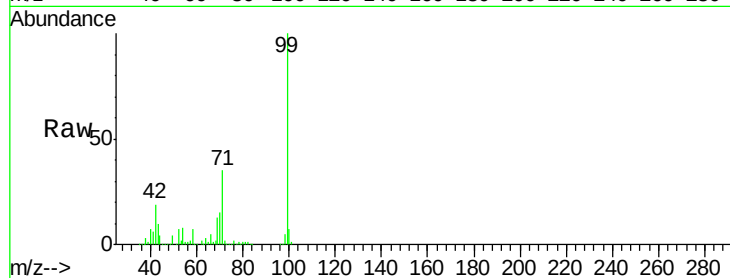
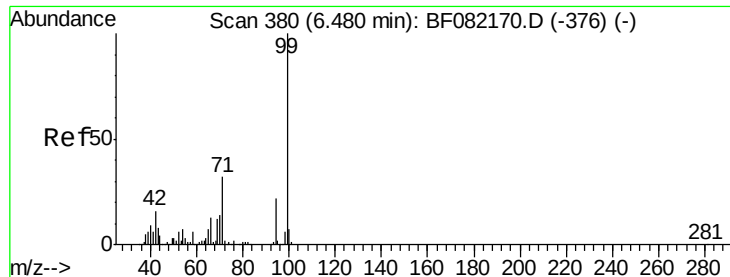


#5

2-Fluorophenol
Concen: 45.20 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF082306.D
Acq: 15 Oct 2015 13:44

Tgt Ion:112 Resp: 181799
Ion Ratio Lower Upper
112 100
64 54.6 48.6 73.0
63 28.1 25.1 37.7





#7

Phenol-d6

Concen: 77.80 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

Instrument :

BNA_F

ClientSampleId :

CS-9

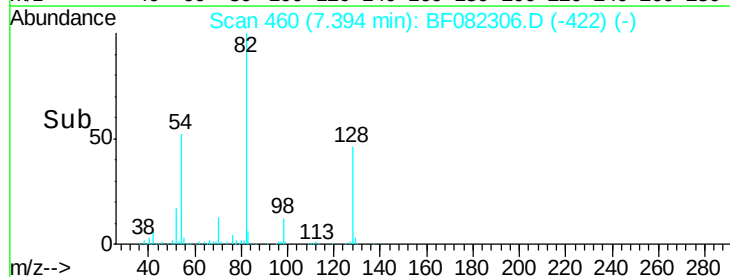
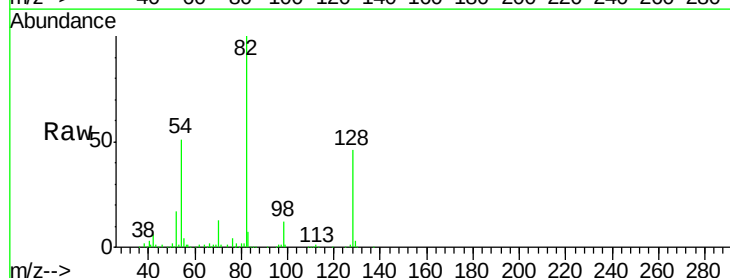
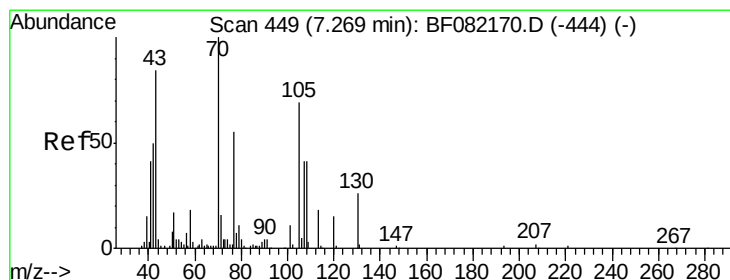
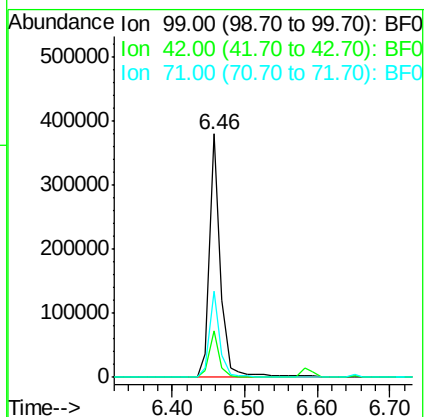
Tot Ion: 99 Resp: 407194

Ion Ratio Lower Upper

99 100

42 19.4 13.2 19.8

71 35.2 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.12 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.14 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

Tgt Ion: 70 Resp: 59230

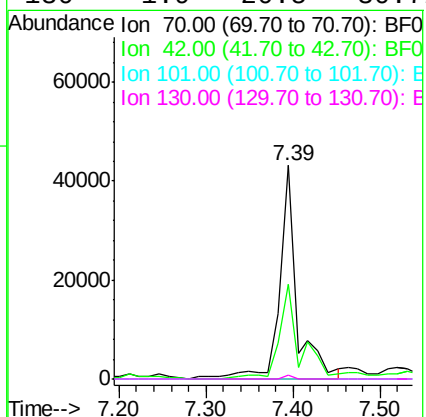
Ion Ratio Lower Upper

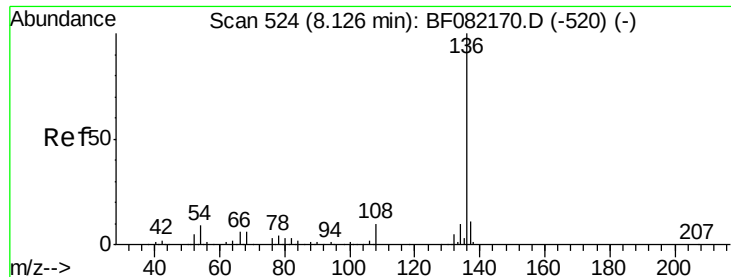
70 100

42 44.6 39.8 59.8

101 0.0 8.6 13.0#

130 1.9 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

Instrument :

BNA_F

ClientSampleId :

CS-9

Tot Ion:136 Resp: 304190

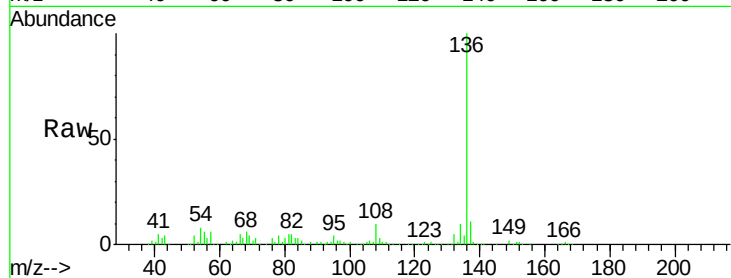
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.2 7.5 11.3

68 5.6 4.6 7.0

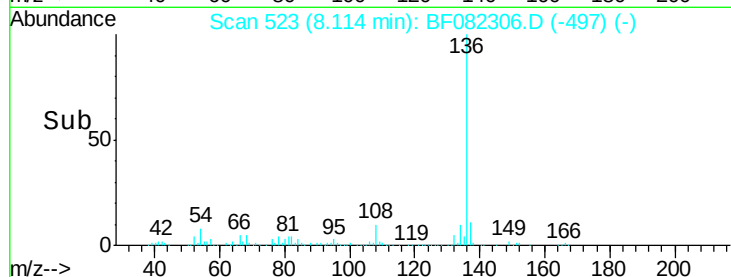


Abundance Ion 136.00 (135.70 to 136.70): E

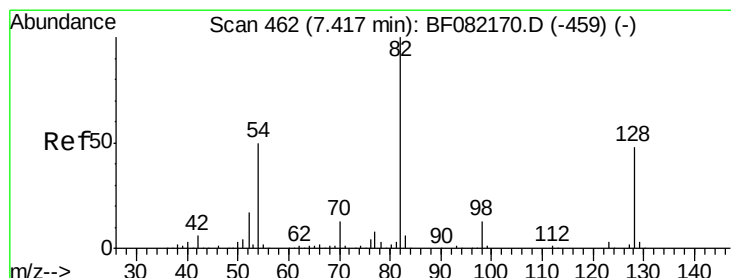
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 76.56 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

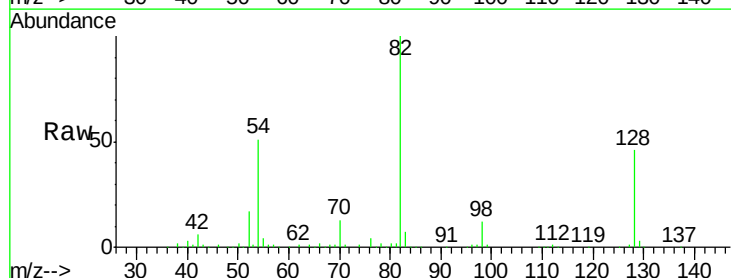
Tgt Ion: 82 Resp: 346788

Ion Ratio Lower Upper

82 100

128 45.8 38.7 58.1

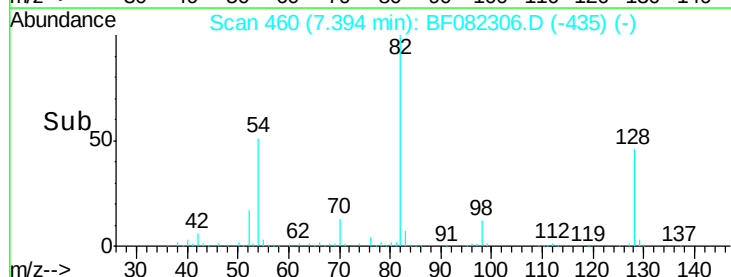
54 51.5 40.1 60.1



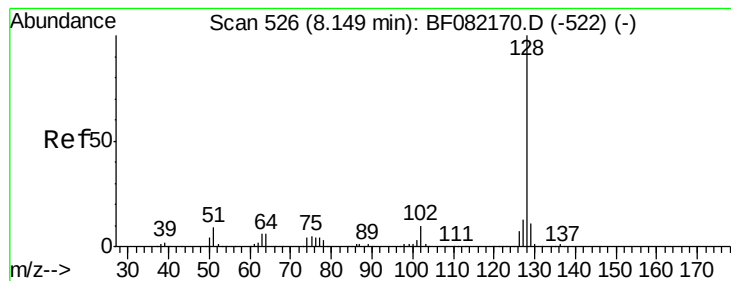
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#31

Naphthalene

Concen: 6.44 ng

RT: 8.14 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

Instrument :

BNA_F

ClientSampleId :

CS-9

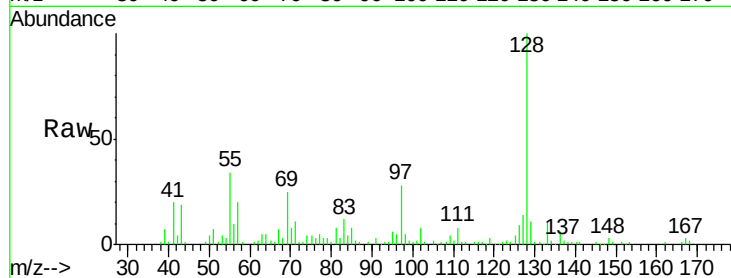
Tot Ion:128 Resp: 84975

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

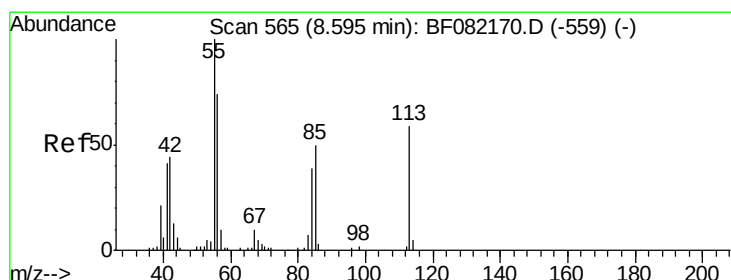
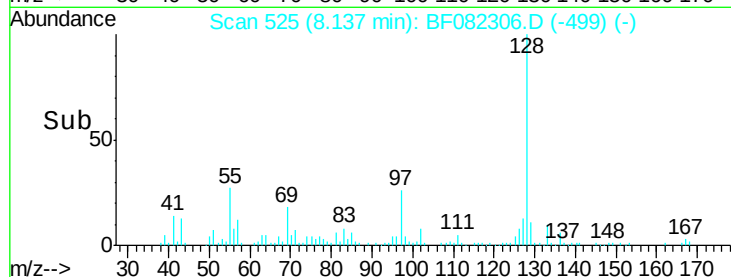
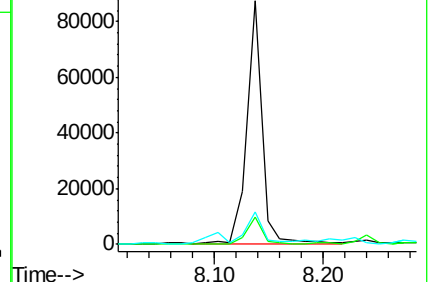
127 13.6 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#35

Caprolactam

Concen: 65.12 ng

RT: 8.55 min Scan# 561

Delta R.T. -0.03 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

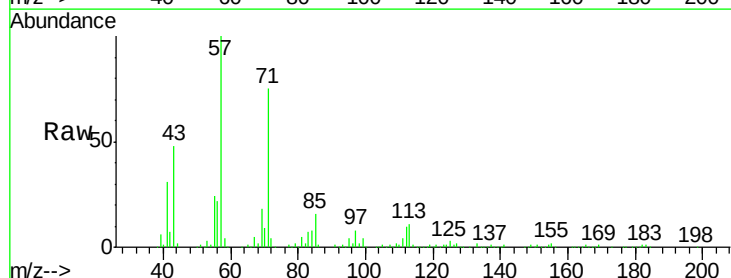
Tgt Ion:113 Resp: 74520

Ion Ratio Lower Upper

113 100

55 216.7 149.7 189.7#

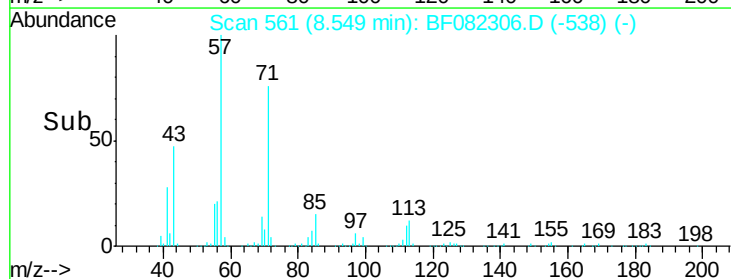
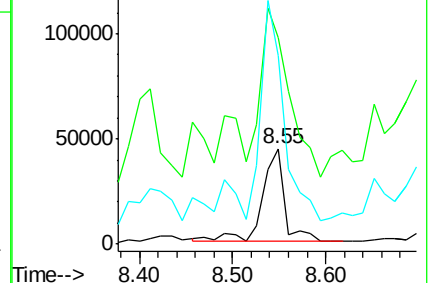
56 197.7 105.4 145.4#

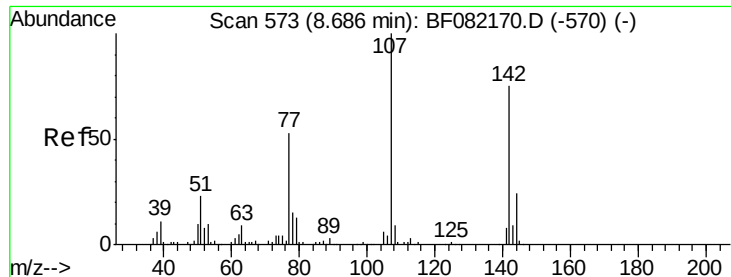


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 2.40 ng

RT: 8.66 min Scan# 571

Delta R.T. -0.02 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

Instrument :

BNA_F

ClientSampled :

CS-9

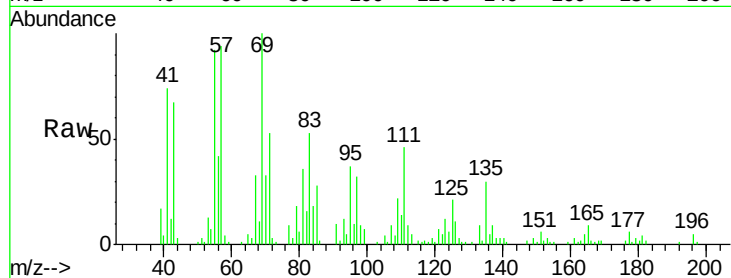
Tot Ion:107 Resp: 9241

Ion Ratio Lower Upper

107 100

144 0.0 19.3 28.9#

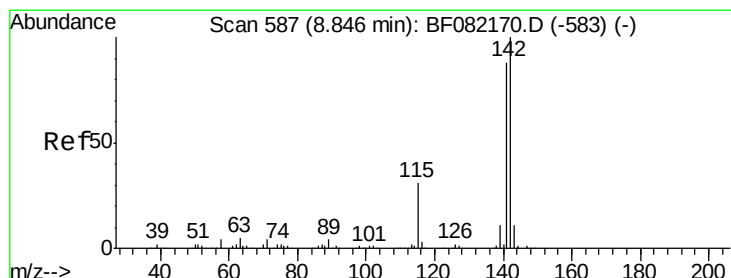
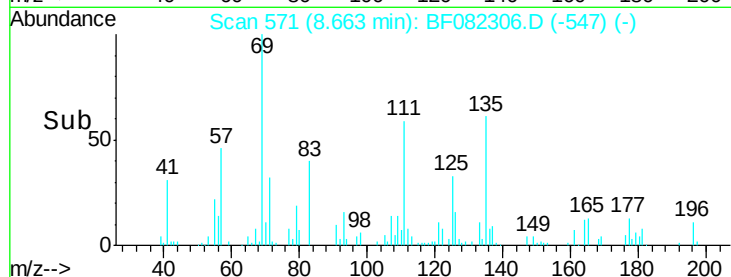
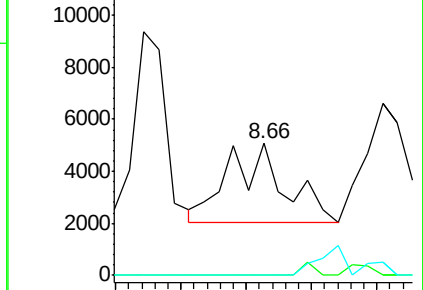
142 0.0 59.9 89.9#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 18.79 ng

RT: 8.83 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

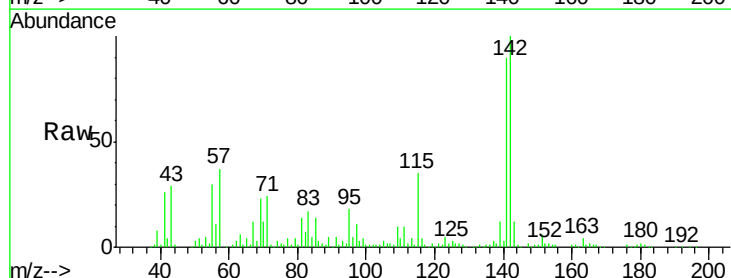
Tgt Ion:142 Resp: 171786

Ion Ratio Lower Upper

142 100

141 89.9 70.4 105.6

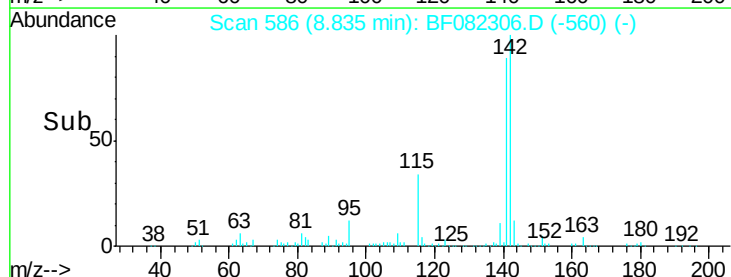
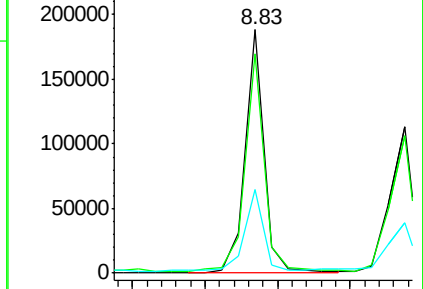
115 34.6 24.6 37.0

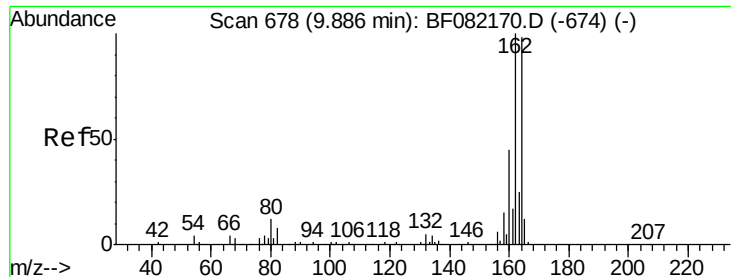


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 678

Delta R.T. 0.01 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

Instrument :

BNA_F

ClientSampleId :

CS-9

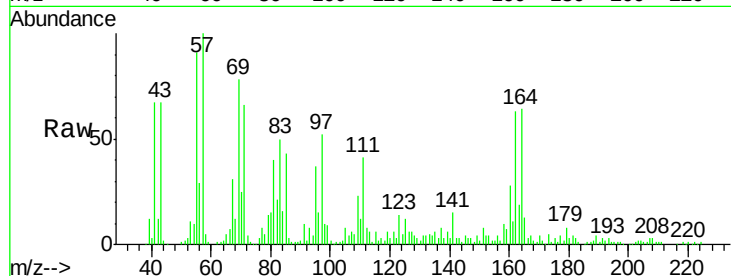
Tot Ion:164 Resp: 127682

Ion Ratio Lower Upper

164 100

162 99.3 81.6 122.4

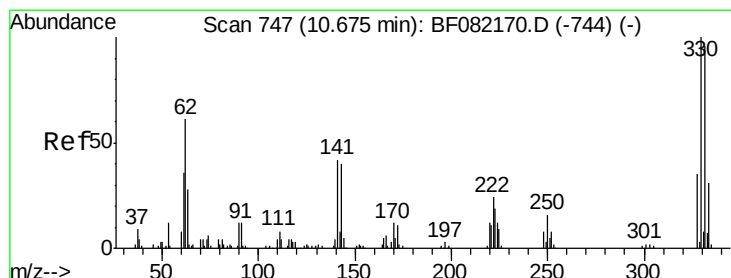
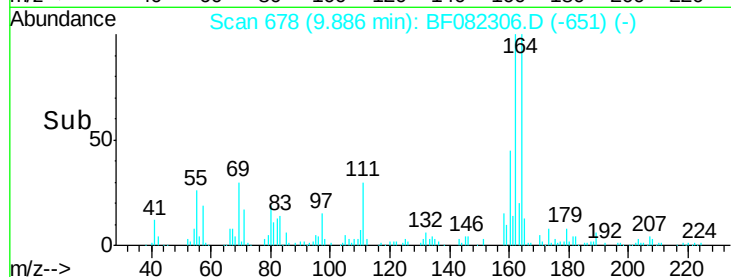
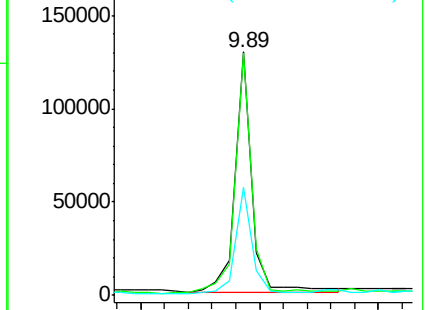
160 44.2 36.4 54.6



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: 16.11 ng

RT: 10.69 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

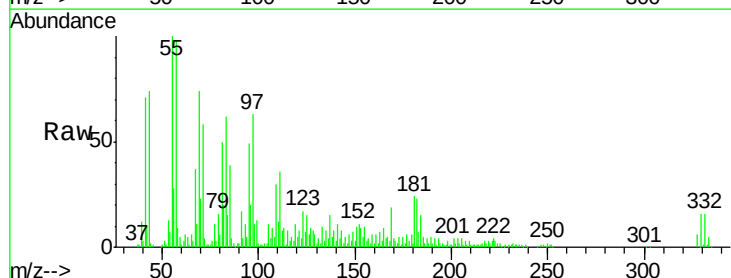
Tgt Ion:330 Resp: 19287

Ion Ratio Lower Upper

330 100

332 101.7 77.1 115.7

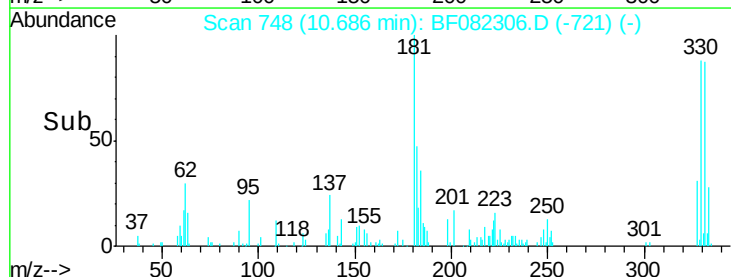
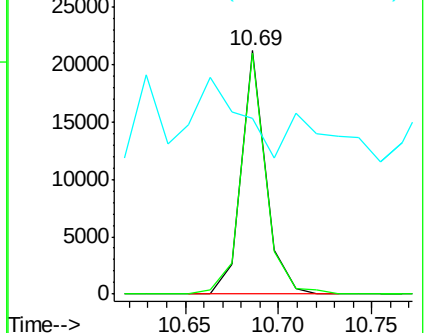
141 0.0 29.8 44.8#

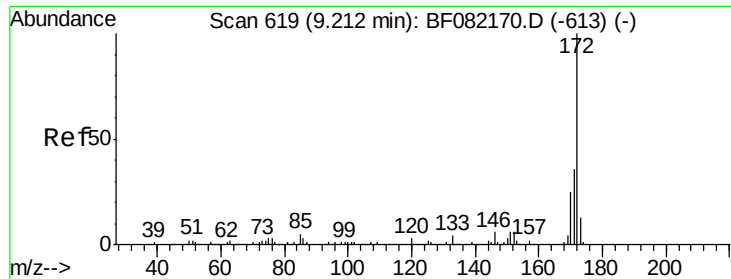


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

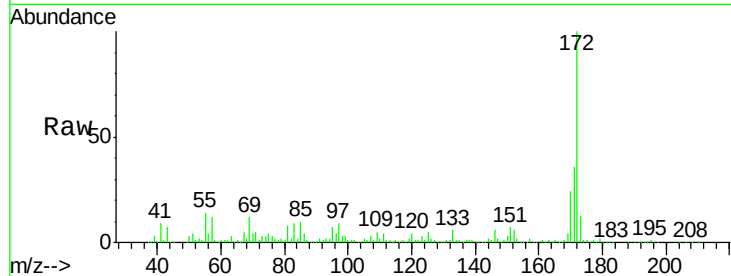




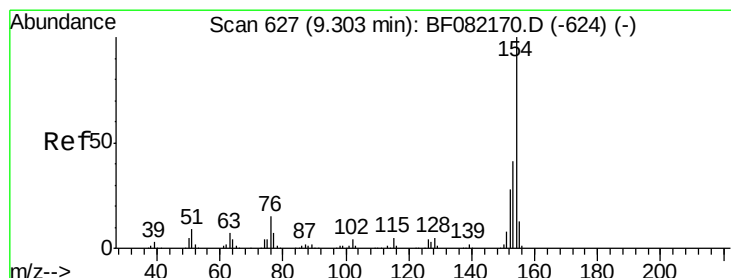
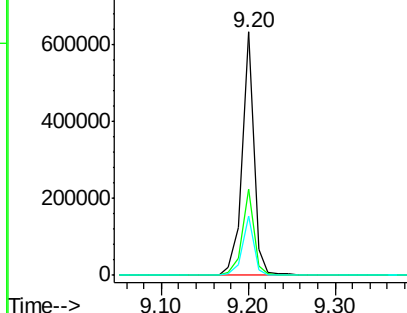
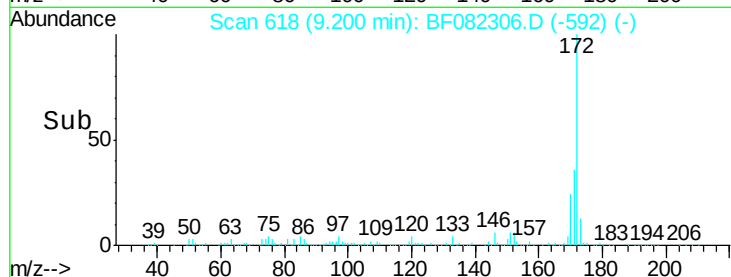
#44
2-Fluorobiphenyl
Concen: 77.37 ng
RT: 9.20 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF082306.D
Acq: 15 Oct 2015 13:44

Instrument :
BNA_F
ClientSampleId :
CS-9

Tot Ion:172 Resp: 595683
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 24.2 19.7 29.5

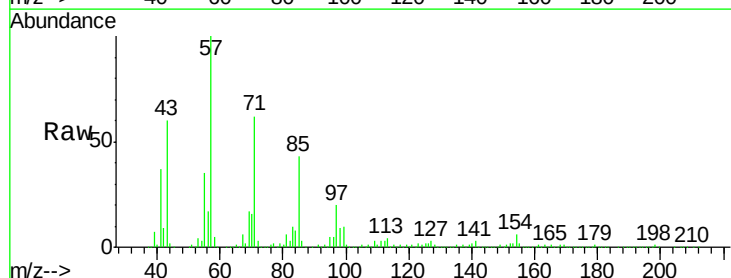


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

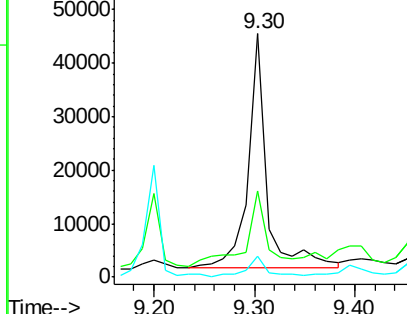
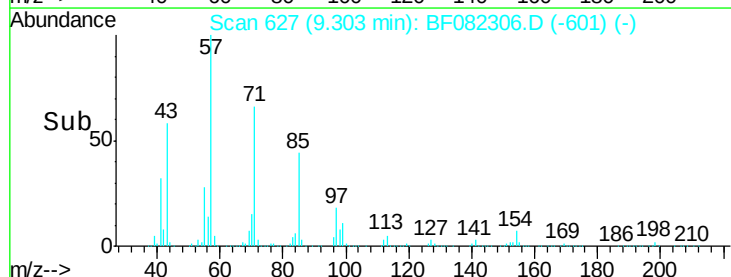


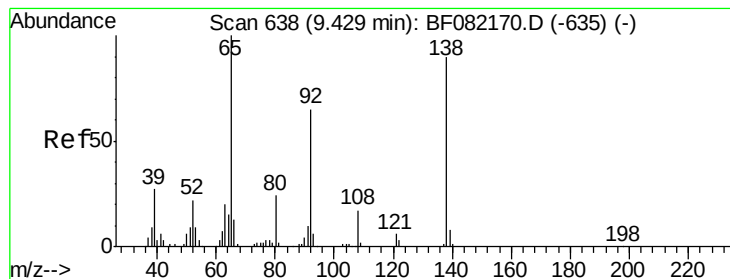
#45
1,1'-Biphenyl
Concen: 5.67 ng
RT: 9.30 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF082306.D
Acq: 15 Oct 2015 13:44

Tgt Ion:154 Resp: 55206
Ion Ratio Lower Upper
154 100
153 35.5 20.6 60.6
76 8.8 0.0 35.2



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: 4.47 ng

RT: 9.59 min Scan# 652

Delta R.T. 0.16 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

Instrument :

BNA_F

ClientSampled :

CS-9

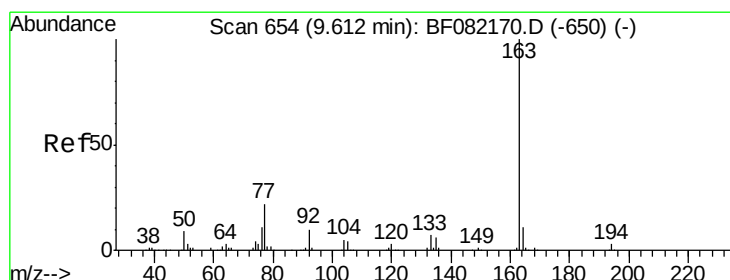
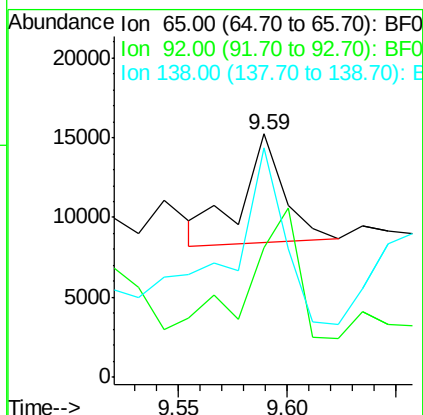
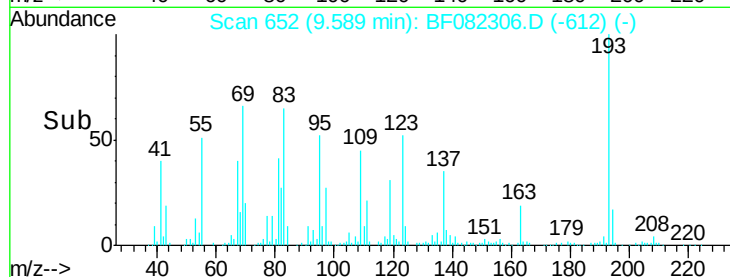
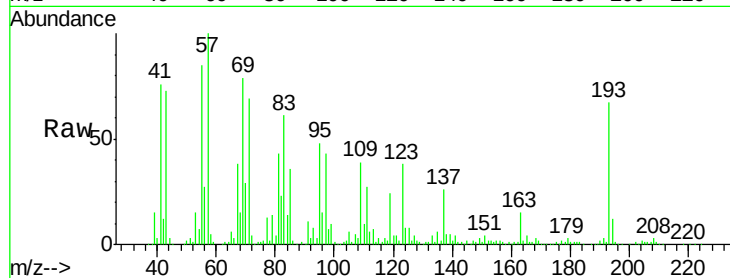
Tot Ion: 65 Resp: 9411

Ion Ratio Lower Upper

65 100

92 53.4 52.3 78.5

138 94.5 72.2 108.4



#49

Dimethylphthalate

Concen: 13.09 ng

RT: 9.60 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

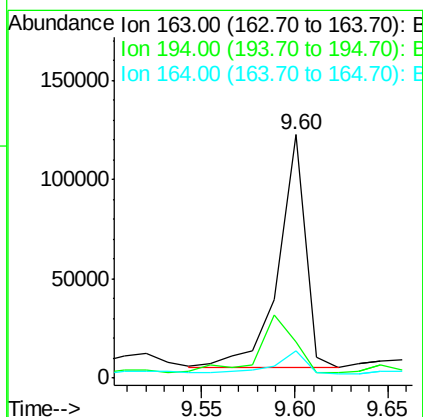
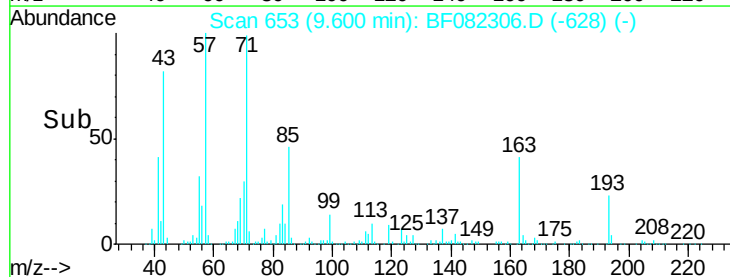
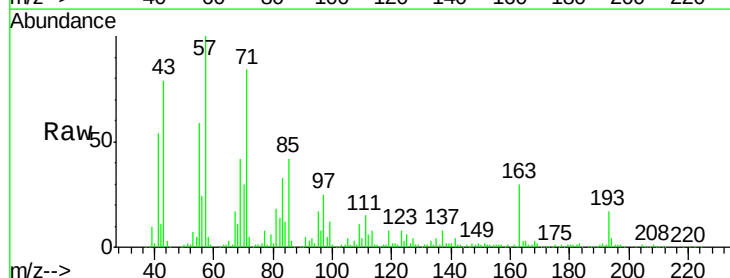
Tgt Ion: 163 Resp: 117657

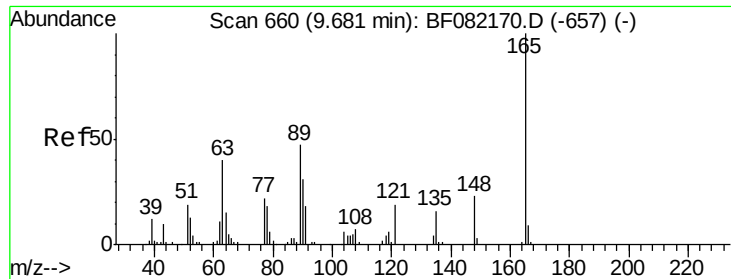
Ion Ratio Lower Upper

163 100

194 14.7 2.6 4.0#

164 11.4 8.5 12.7

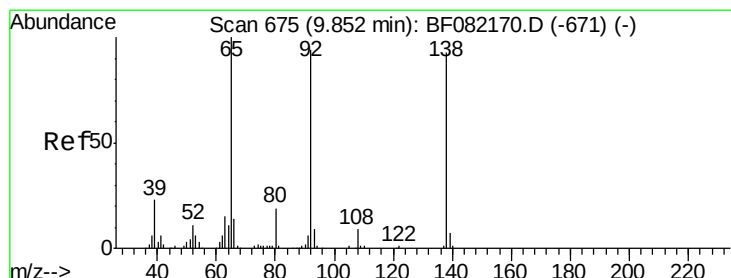
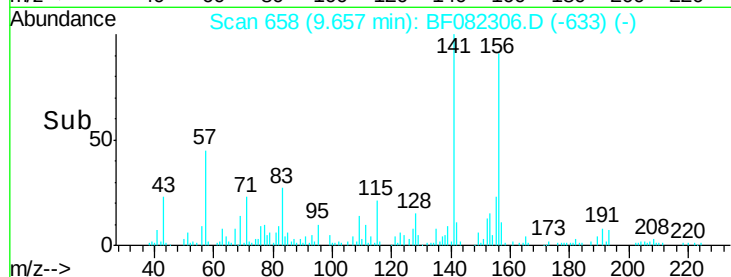
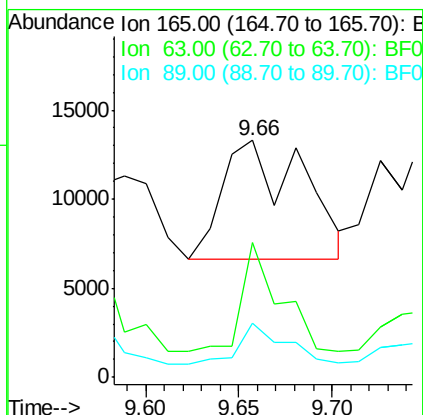
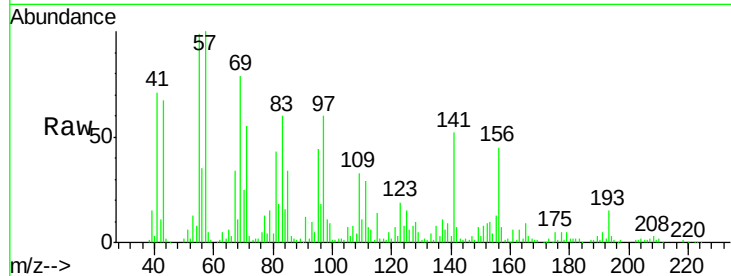




#50
 2,6-Dinitrotoluene
 Concen: 10.45 ng
 RT: 9.66 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF082306.D
 Acq: 15 Oct 2015 13:44

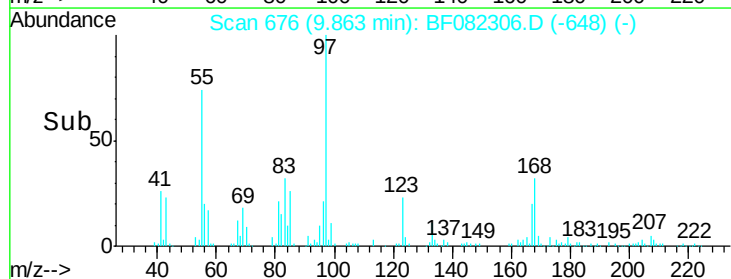
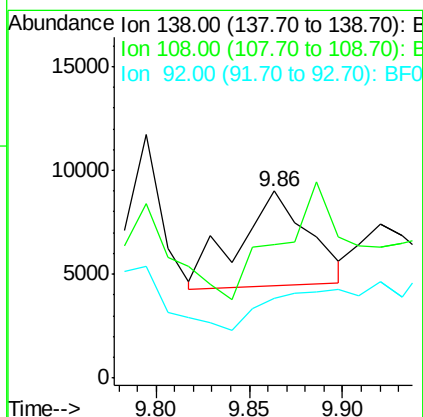
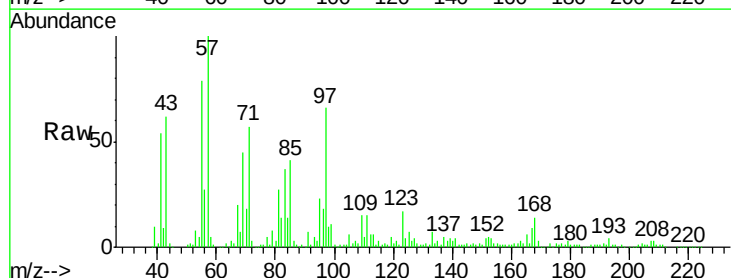
Instrument :
 BNA_F
 ClientSampleId :
 CS-9

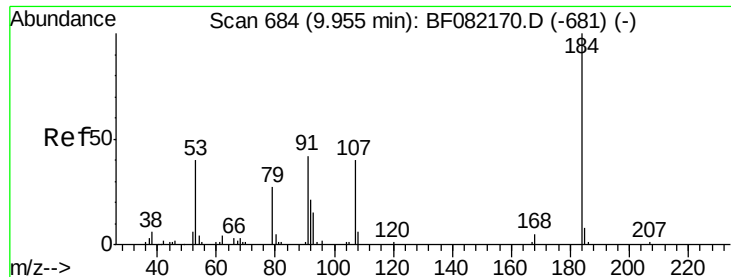
Tot Ion:165 Resp: 19823
 Ion Ratio Lower Upper
 165 100
 63 56.8 36.7 55.1#
 89 22.6 37.8 56.6#



#52
 3-Nitroaniline
 Concen: 5.66 ng
 RT: 9.86 min Scan# 676
 Delta R.T. 0.02 min
 Lab File: BF082306.D
 Acq: 15 Oct 2015 13:44

Tgt Ion:138 Resp: 12131
 Ion Ratio Lower Upper
 138 100
 108 71.5 7.4 11.0#
 92 42.4 81.3 121.9#





#53

2,4-Dinitrophenol

Concen: 7.05 na

RT: 9.93 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

Instrument :

BNA_F

ClientSampleId :

CS-9

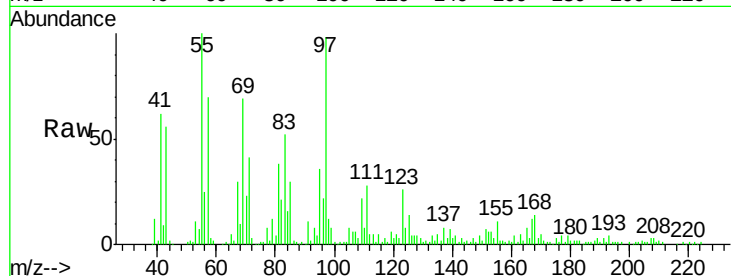
Tot Ion:184 Resp: 756

Ion Ratio Lower Upper

184 100

63 527.8 45.1 67.7#

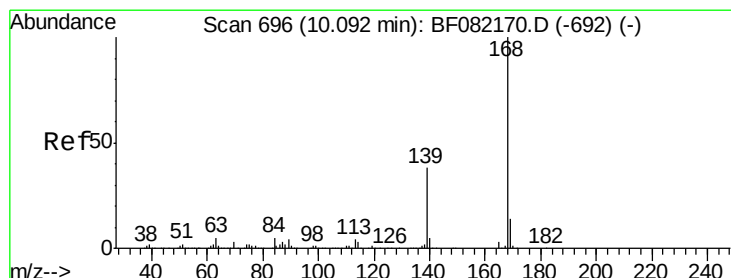
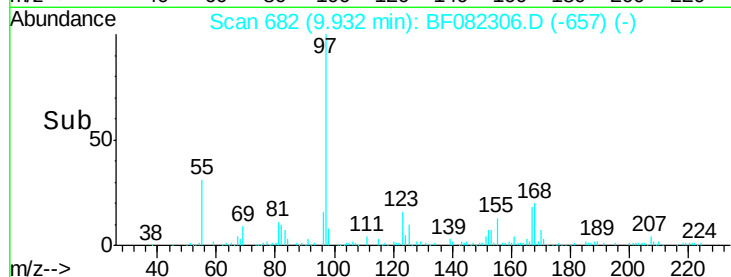
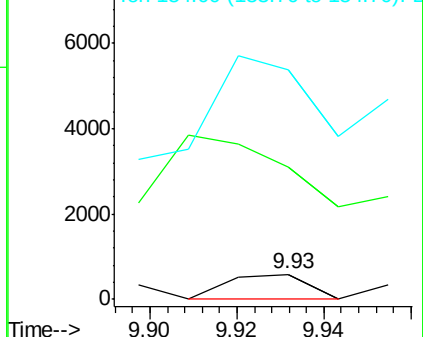
154 918.4 51.2 76.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 9.99 ng

RT: 10.09 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

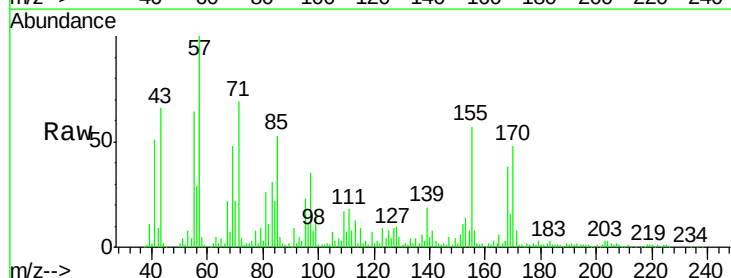
Tgt Ion:168 Resp: 98291

Ion Ratio Lower Upper

168 100

139 51.2 31.0 46.6#

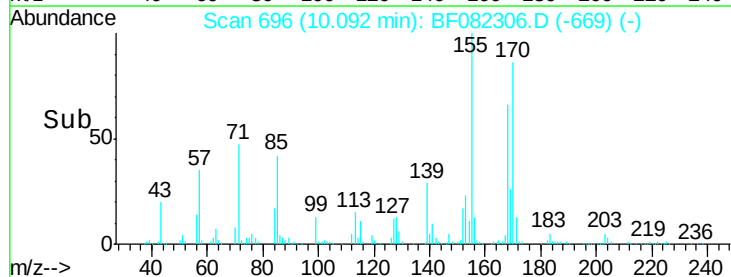
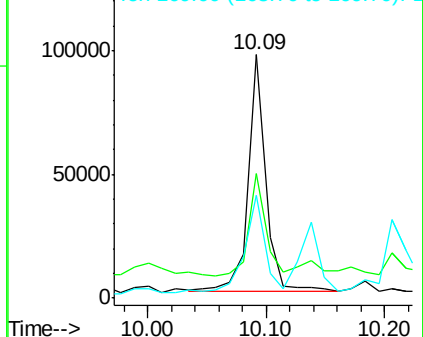
169 42.0 10.9 16.3#

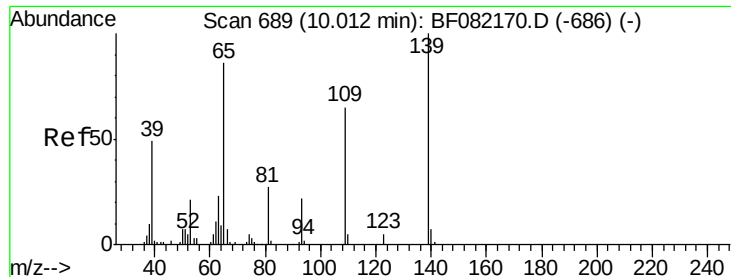


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

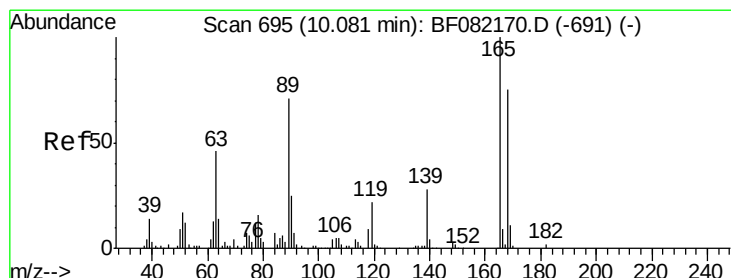
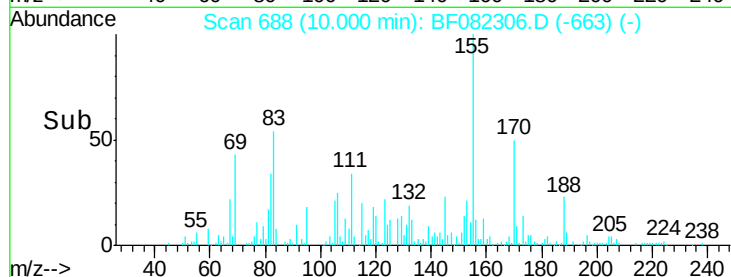
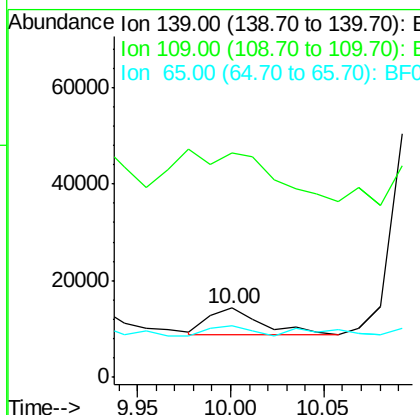
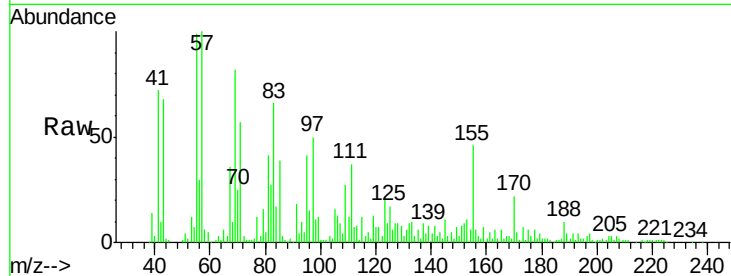




#55
4-Nitrophenol
Concen: 10.12 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF082306.D
Acq: 15 Oct 2015 13:44

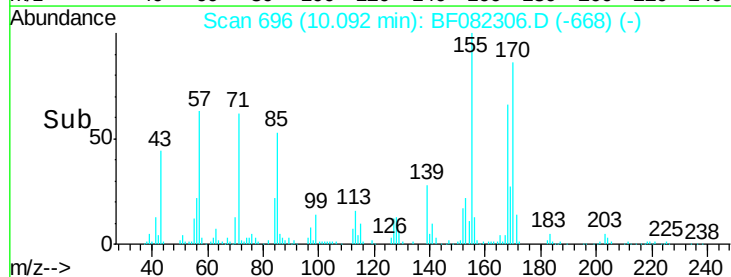
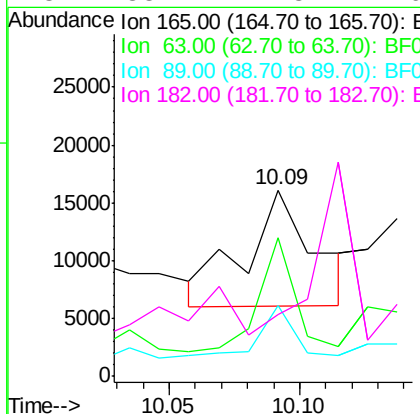
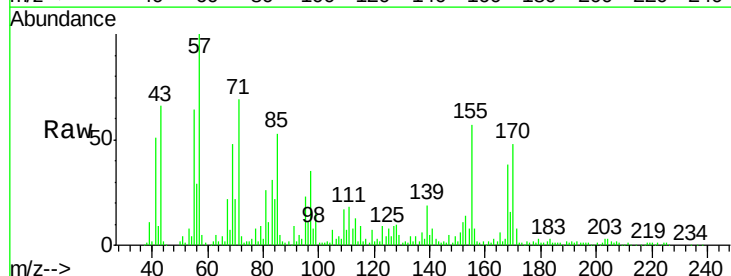
Instrument :
BNA_F
ClientSampleId :
CS-9

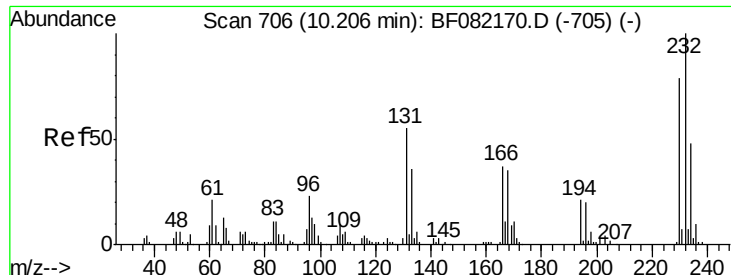
Tot Ion:139 Resp: 10720
Ion Ratio Lower Upper
139 100
109 323.8 44.8 84.8#
65 74.2 67.7 107.7



#56
2,4-Dinitrotoluene
Concen: 7.86 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.02 min
Lab File: BF082306.D
Acq: 15 Oct 2015 13:44

Tgt Ion:165 Resp: 18630
Ion Ratio Lower Upper
165 100
63 74.5 38.6 58.0#
89 38.2 57.0 85.6#
182 33.2 1.8 2.6#

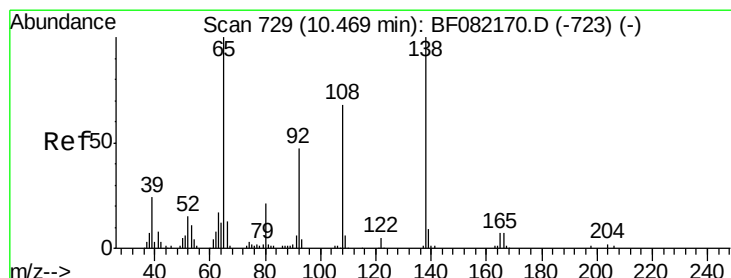
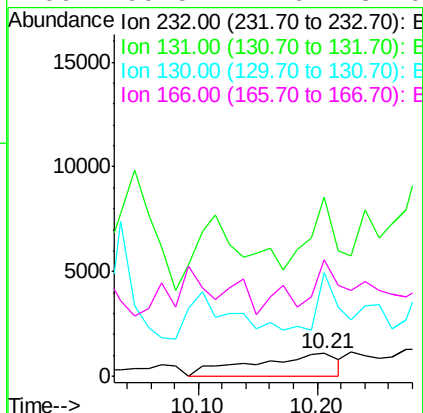
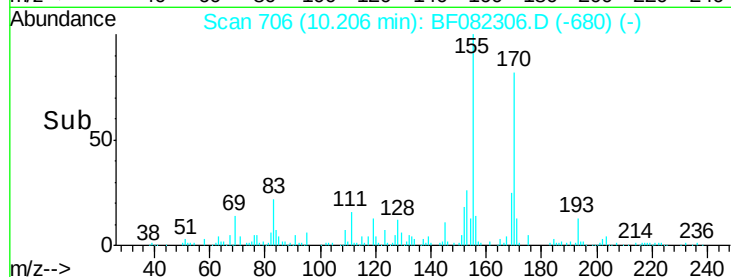
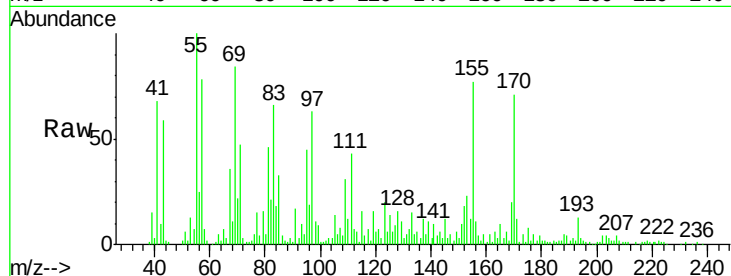




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.41 ng
 RT: 10.21 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF082306.D
 Acq: 15 Oct 2015 13:44

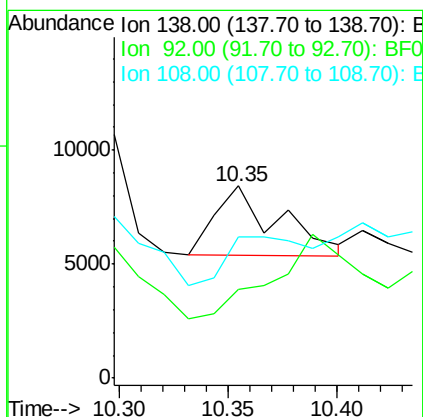
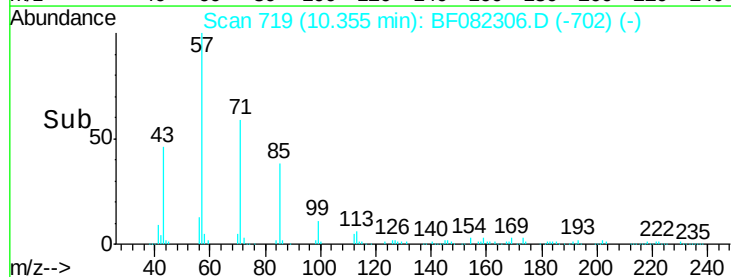
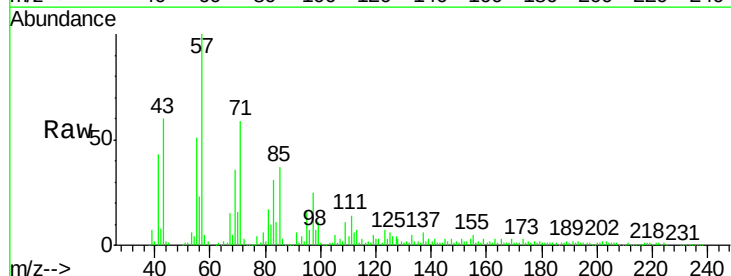
Instrument :
 BNA_F
 ClientSampled :
 CS-9

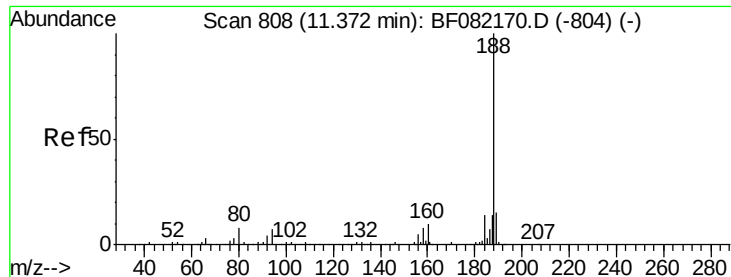
Tot Ion:232 Resp: 5378
 Ion Ratio Lower Upper
 232 100
 131 97.1 36.6 54.8#
 130 58.5 1.5 2.3#
 166 99.5 24.6 37.0#



#61
 4-Nitroaniline
 Concen: 2.99 ng
 RT: 10.35 min Scan# 719
 Delta R.T. -0.10 min
 Lab File: BF082306.D
 Acq: 15 Oct 2015 13:44

Tgt Ion:138 Resp: 6212
 Ion Ratio Lower Upper
 138 100
 92 46.1 26.8 66.8
 108 73.4 48.4 88.4

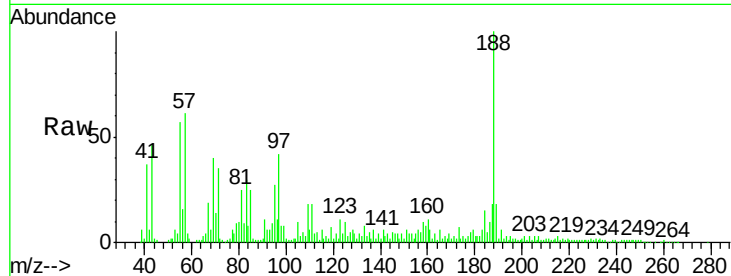




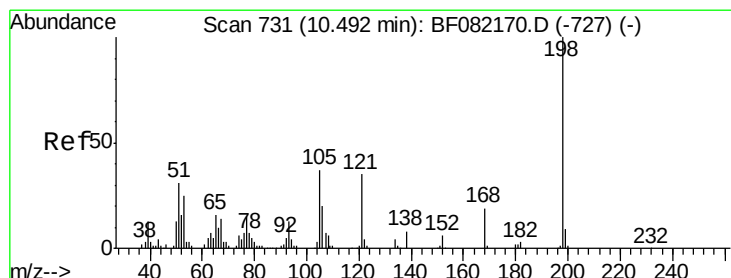
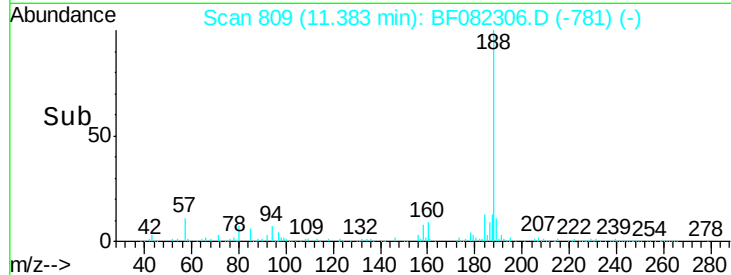
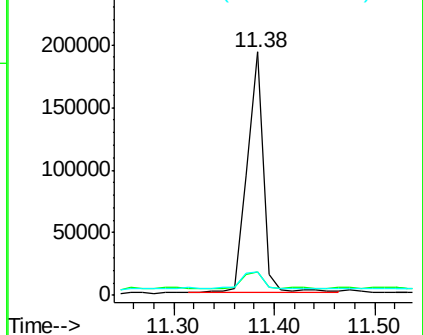
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 809
Delta R.T. 0.02 min
Lab File: BF082306.D
Acq: 15 Oct 2015 13:44

Instrument :
BNA_F
ClientSampled :
CS-9

Tot Ion:188 Resp: 217159
Ion Ratio Lower Upper
188 100
94 9.4 5.8 8.6#
80 9.8 6.4 9.6#

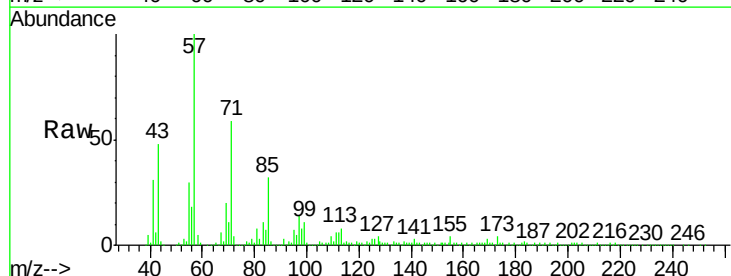


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

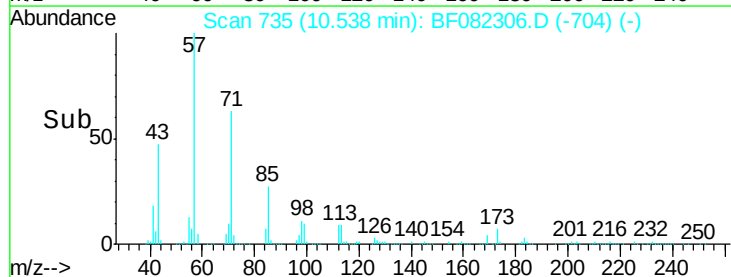
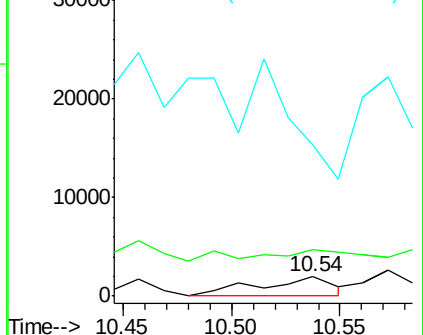


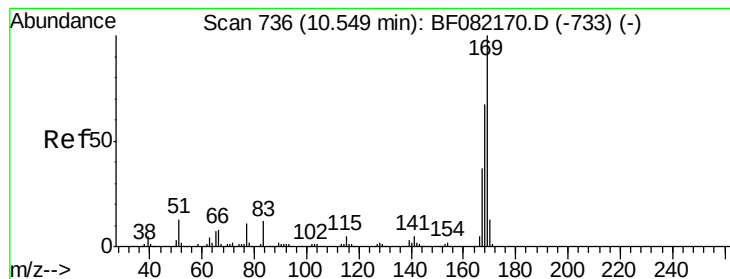
#64
4,6-Dinitro-2-methylphenol
Concen: 3.83 ng
RT: 10.54 min Scan# 735
Delta R.T. 0.06 min
Lab File: BF082306.D
Acq: 15 Oct 2015 13:44

Tgt Ion:198 Resp: 4666
Ion Ratio Lower Upper
198 100
51 243.1 13.6 53.6#
105 786.3 17.1 57.1#



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: 7.68 ng

RT: 10.80 min Scan# 758

Delta R.T. 0.26 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

Instrument :

BNA_F

ClientSampleId :

CS-9

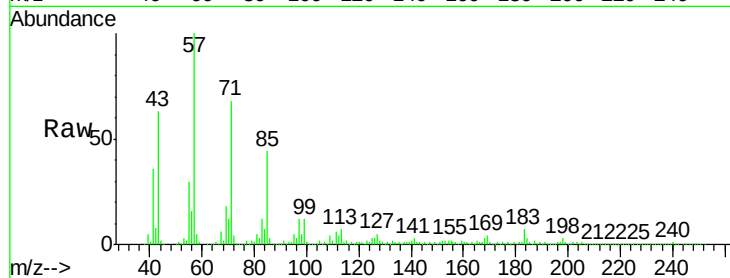
Tot Ion:169 Resp: 49914

Ion Ratio Lower Upper

169 100

168 63.7 54.0 81.0

167 33.0 29.6 44.4

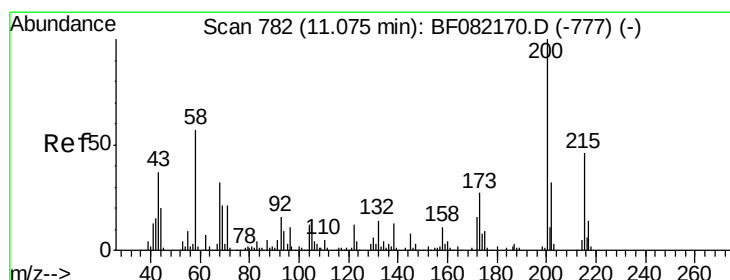
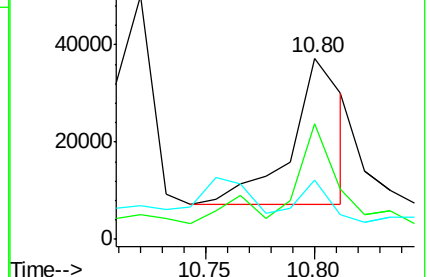
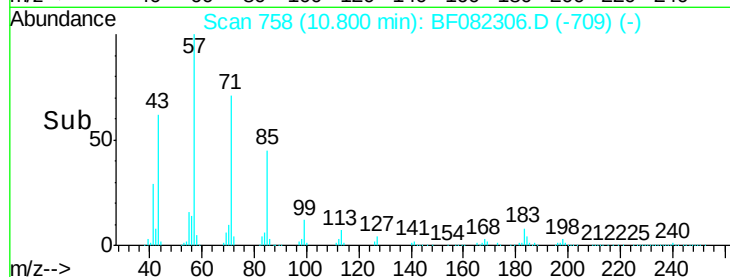


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



#68

Atrazine

Concen: 8.99 ng

RT: 11.12 min Scan# 786

Delta R.T. 0.05 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

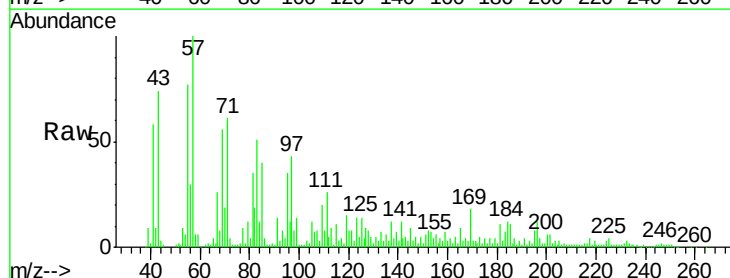
Tgt Ion:200 Resp: 18516

Ion Ratio Lower Upper

200 100

173 93.8 7.3 47.3#

215 38.4 26.2 66.2

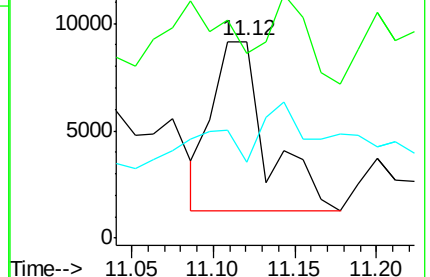
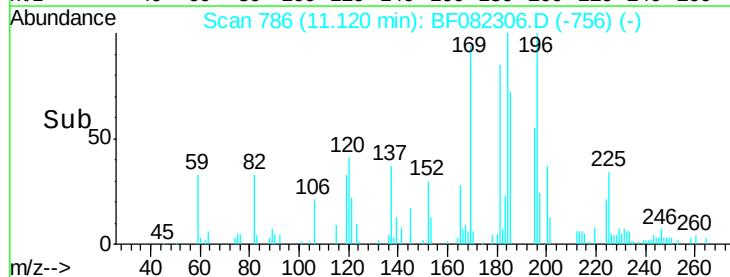


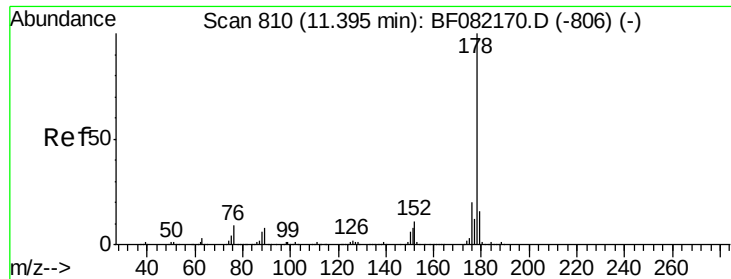
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

Time-->

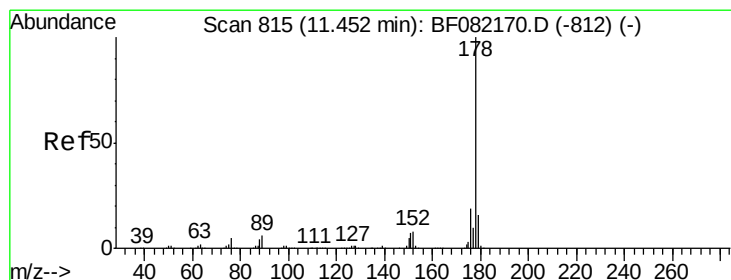
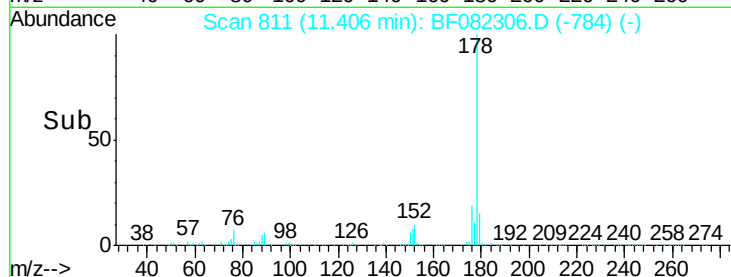
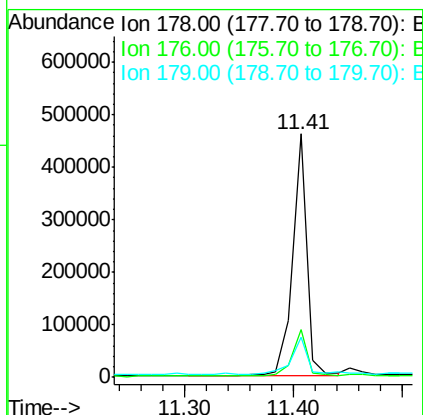
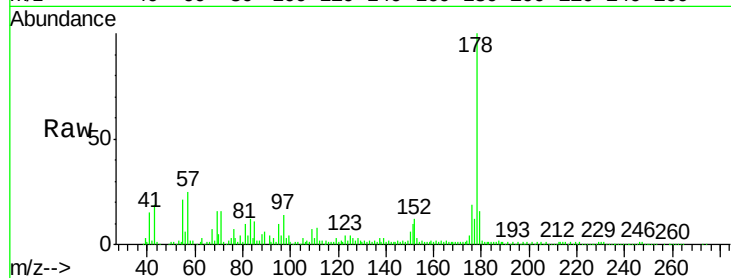




#70
Phenanthrene
Concen: 40.24 ng
RT: 11.41 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF082306.D
Acq: 15 Oct 2015 13:44

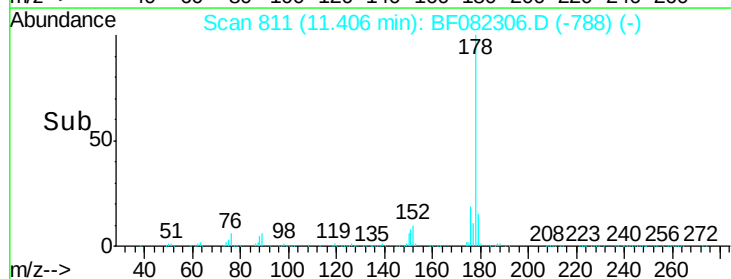
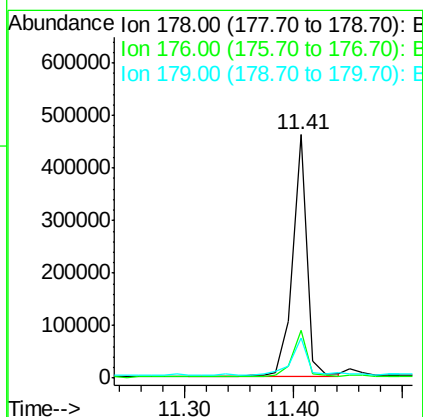
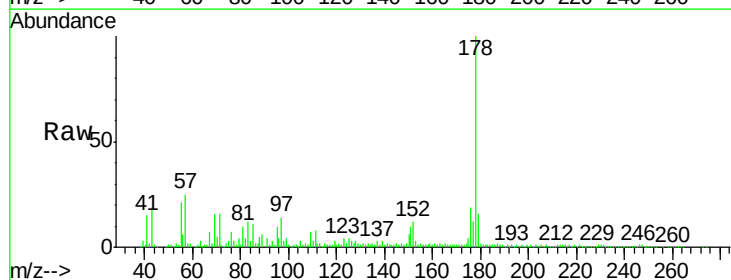
Instrument :
BNA_F
ClientSampleId :
CS-9

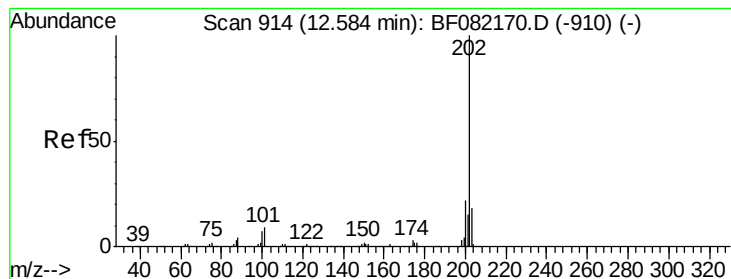
Tot Ion:178 Resp: 428334
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 16.5 12.6 19.0



#71
Anthracene
Concen: 39.05 ng
RT: 11.41 min Scan# 811
Delta R.T. -0.03 min
Lab File: BF082306.D
Acq: 15 Oct 2015 13:44

Tgt Ion:178 Resp: 428334
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 16.5 12.5 18.7

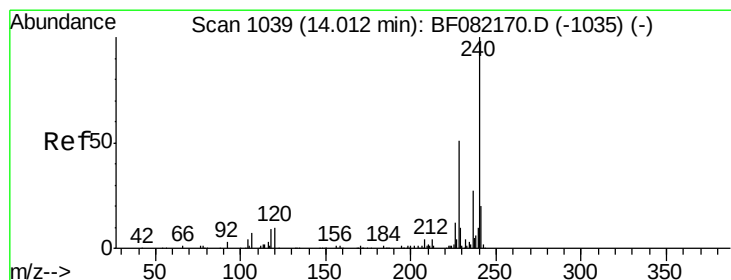
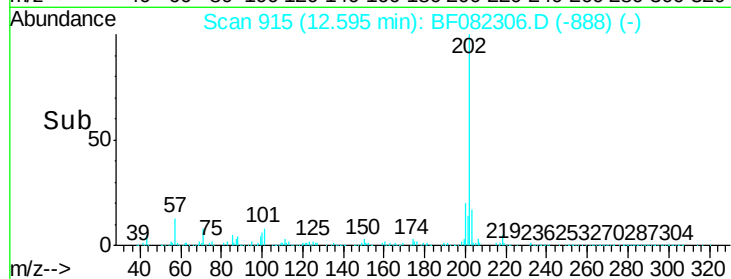
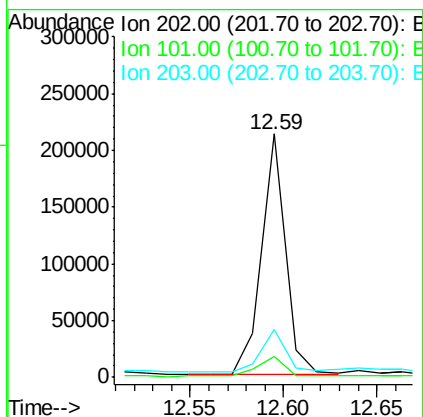
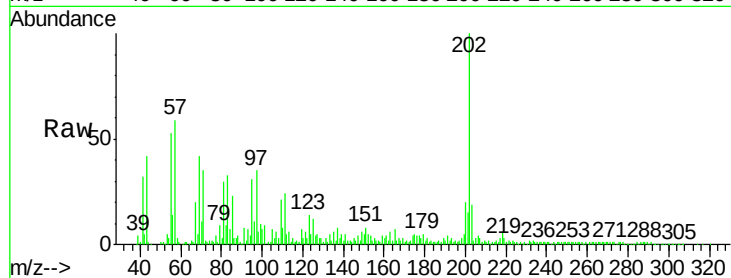




#74
 Fluoranthene
 Concen: 16.43 ng
 RT: 12.59 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BF082306.D
 Acq: 15 Oct 2015 13:44

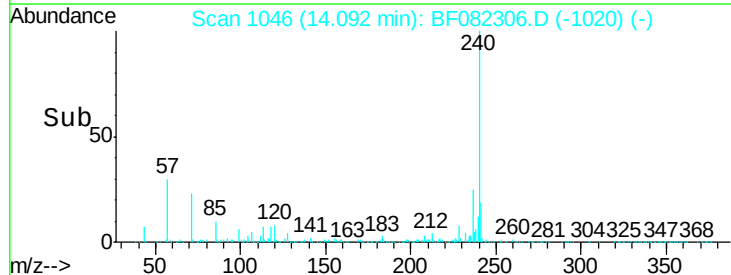
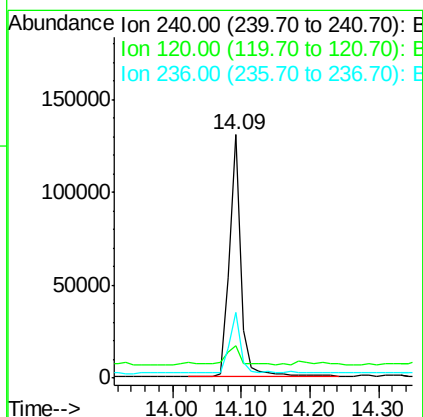
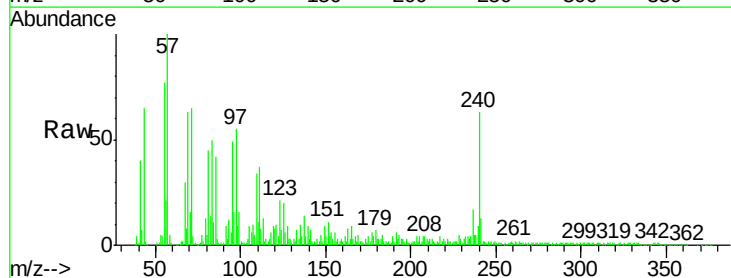
Instrument :
 BNA_F
 ClientSampleId :
 CS-9

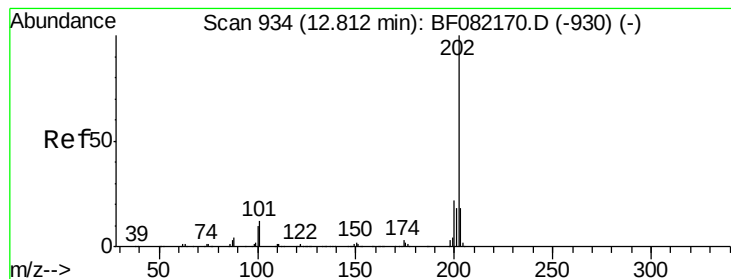
Tot Ion:	202	Resp:	187837
Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	29.3
203	19.4	0.0	37.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082306.D
 Acq: 15 Oct 2015 13:44

Tgt Ion:	240	Resp:	154083
Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.1	12.1#
236	27.2	21.3	31.9





#77

Pvrene

Concen: 14.10 ng

RT: 12.82 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

Instrument :

BNA_F

ClientSampleId :

CS-9

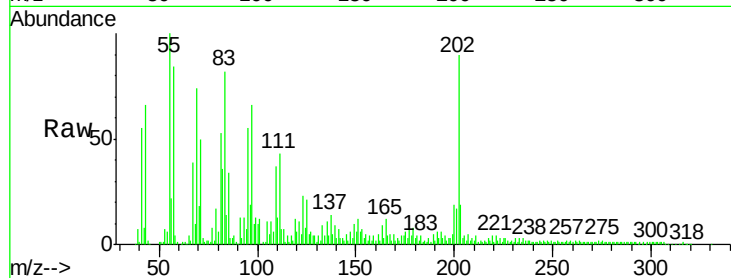
Tot Ion:202 Resp: 128933

Ion Ratio Lower Upper

202 100

200 21.5 17.9 26.9

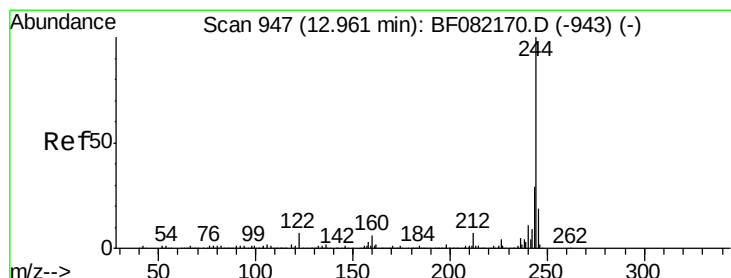
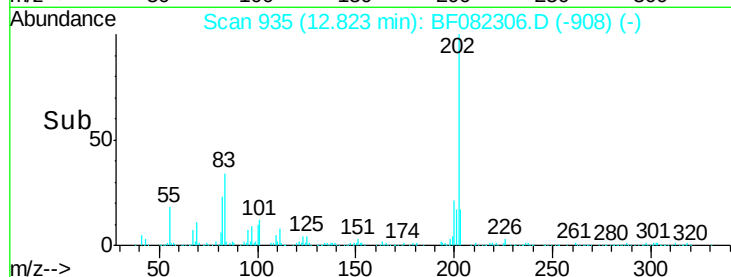
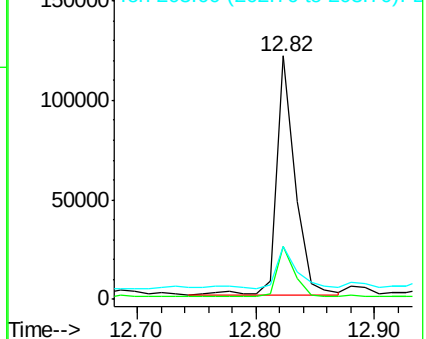
203 21.5 14.5 21.7



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: 75.30 ng

RT: 12.97 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

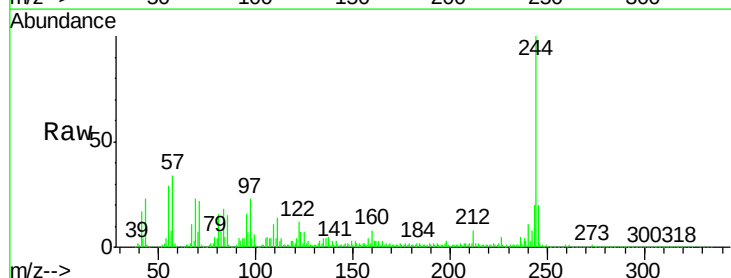
Tgt Ion:244 Resp: 437829

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

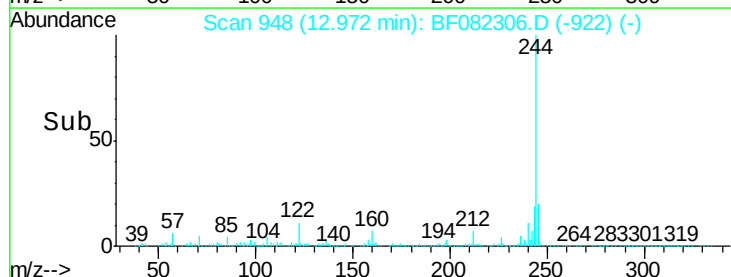
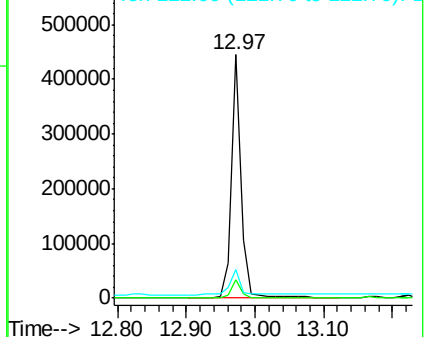
122 11.9 5.9 8.9#

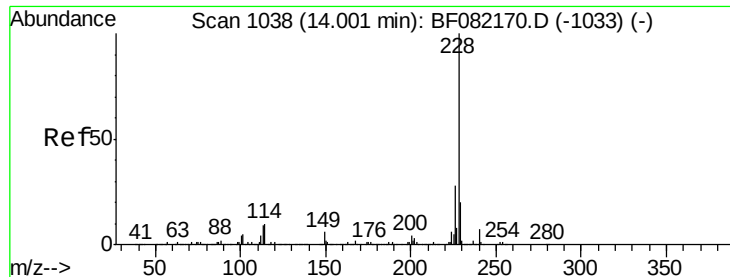


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 3.96 ng

RT: 14.08 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

Instrument :

BNA_F

ClientSampleId :

CS-9

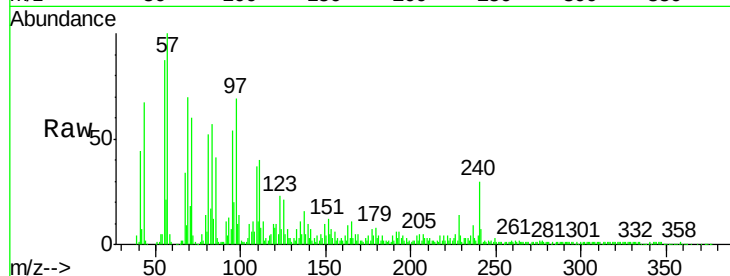
Tot Ion:228 Resp: 31783

Ion Ratio Lower Upper

228 100

226 34.4 22.3 33.5#

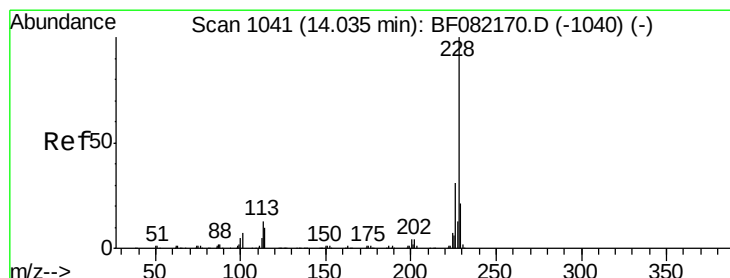
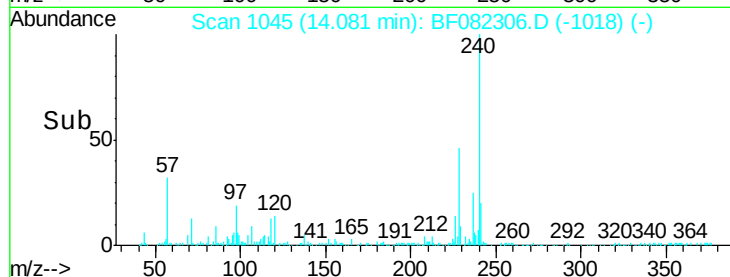
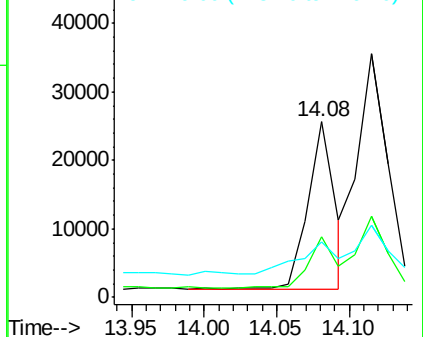
229 31.6 16.2 24.2#



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



#82

Chrysene

Concen: 5.92 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

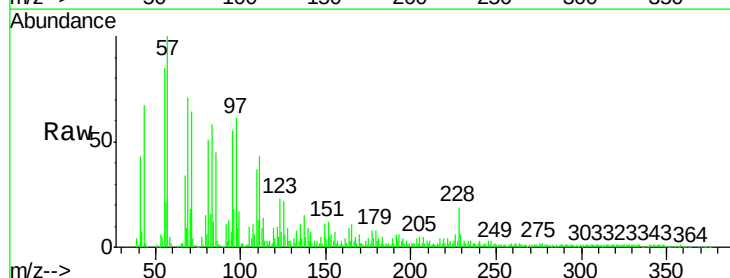
Tgt Ion:228 Resp: 49974

Ion Ratio Lower Upper

228 100

226 33.6 24.4 36.6

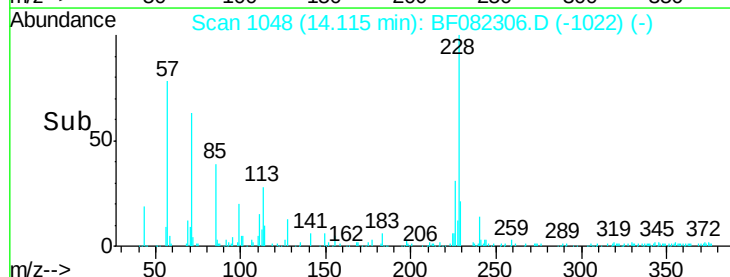
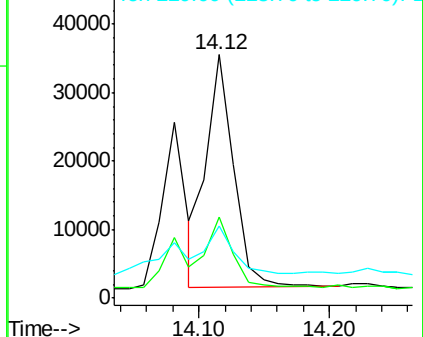
229 29.6 16.3 24.5#

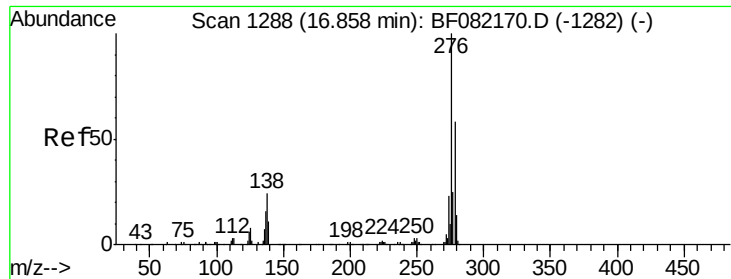


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

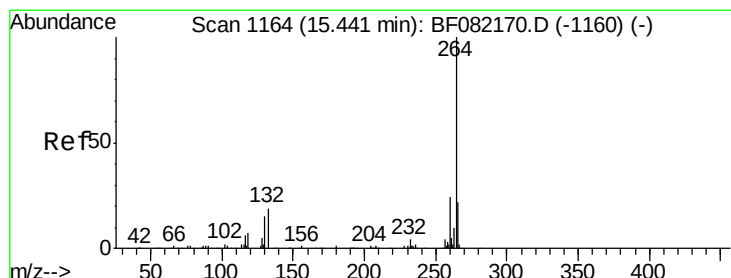
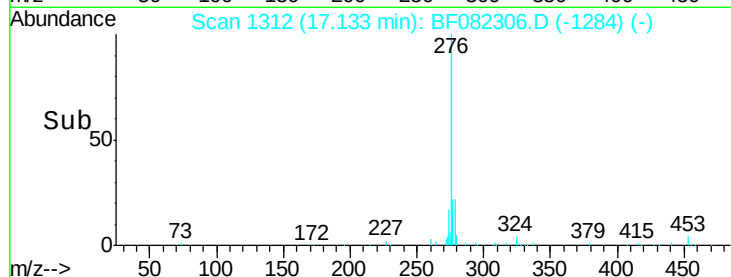
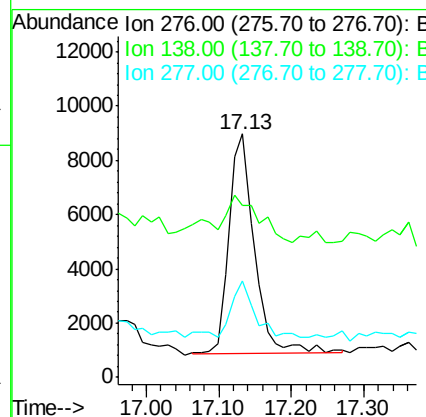
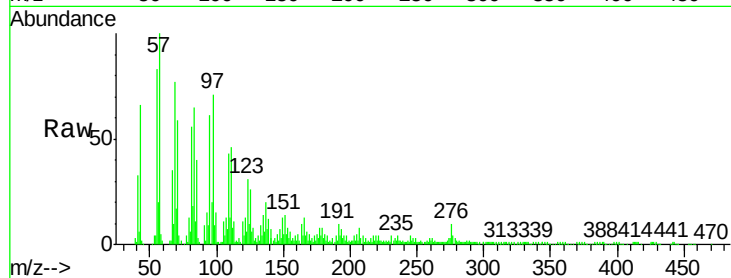




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.94 ng
 RT: 17.13 min Scan# 1312
 Delta R.T. 0.02 min
 Lab File: BF082306.D
 Acq: 15 Oct 2015 13:44

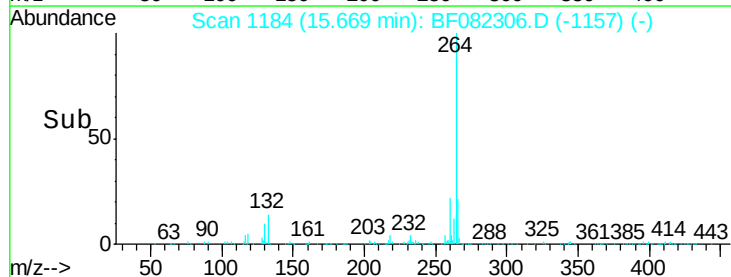
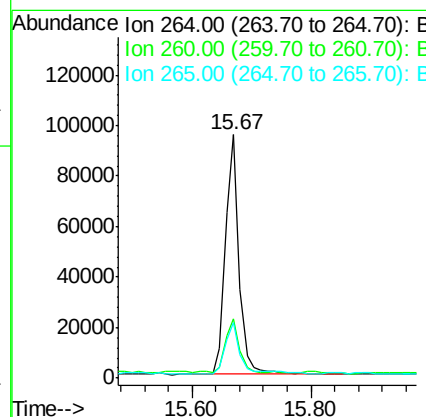
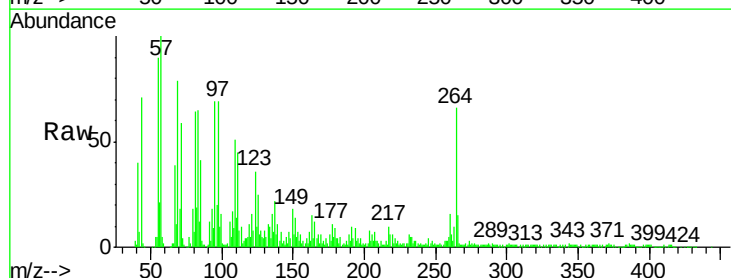
Instrument :
 BNA_F
 ClientSampleId :
 CS-9

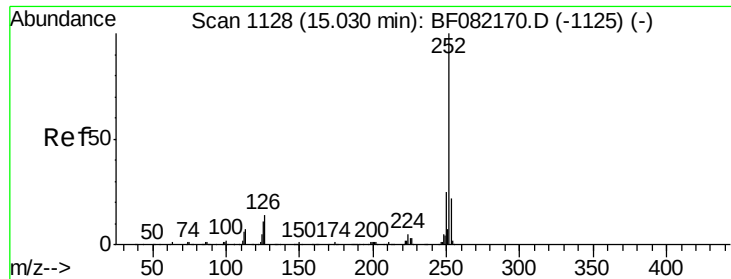
Tot Ion:276 Resp: 19720
 Ion Ratio Lower Upper
 276 100
 138 25.7 19.7 29.5
 277 23.5 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.67 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF082306.D
 Acq: 15 Oct 2015 13:44

Tgt Ion:264 Resp: 152448
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 22.5 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 6.62 ng

RT: 15.24 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

Instrument :

BNA_F

ClientSampleId :

CS-9

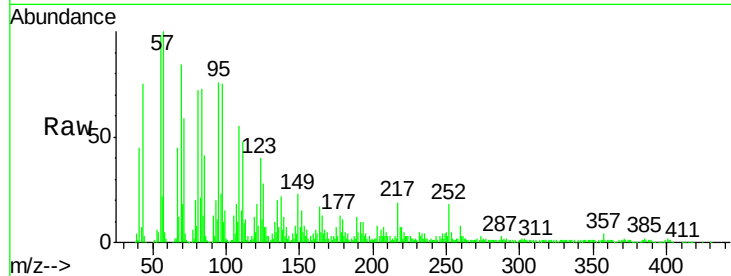
Tot Ion:252 Resp: 61361

Ion Ratio Lower Upper

252 100

253 29.0 18.0 27.0#

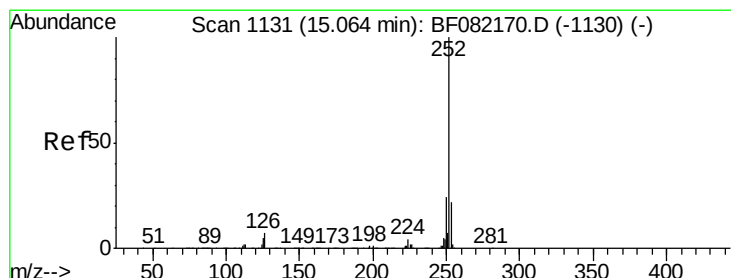
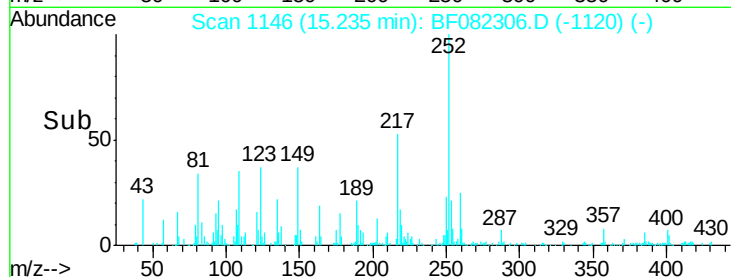
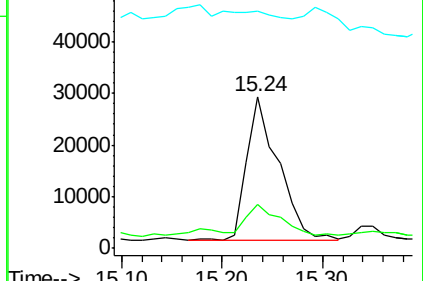
125 156.1 8.6 12.8#



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: 7.87 ng

RT: 15.24 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF082306.D

Acq: 15 Oct 2015 13:44

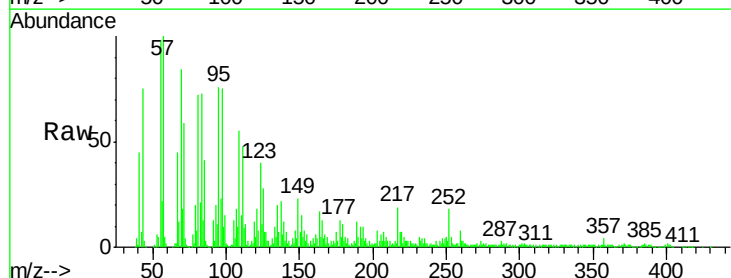
Tgt Ion:252 Resp: 61361

Ion Ratio Lower Upper

252 100

253 29.0 17.8 26.6#

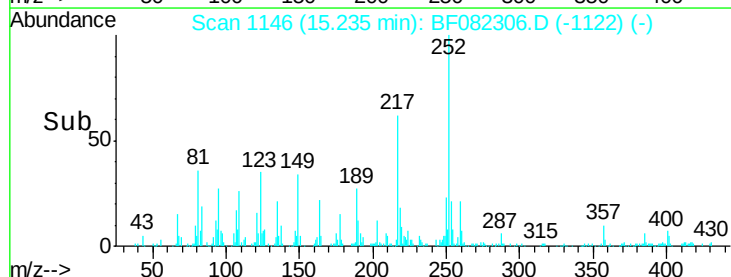
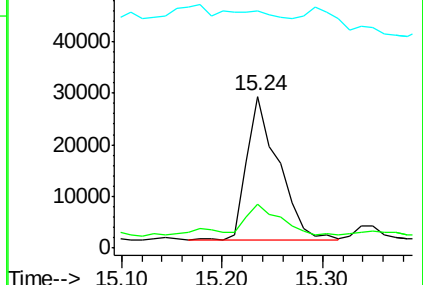
125 156.1 6.7 10.1#

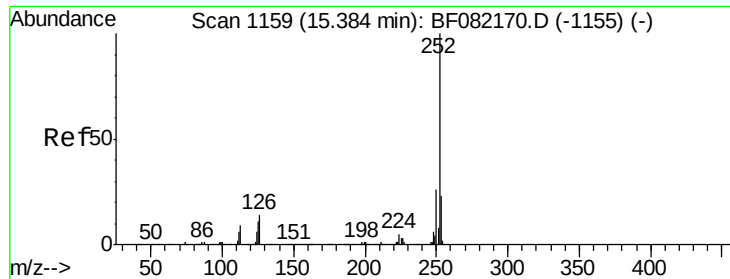


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

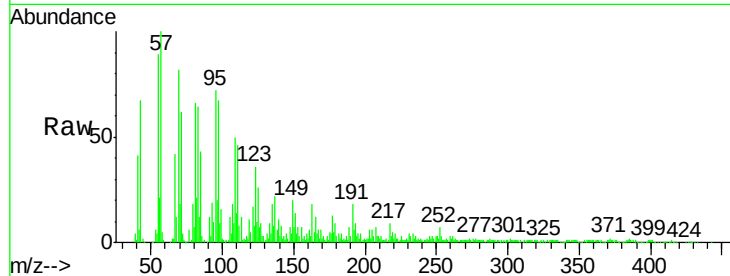




#89
Benzo(a)pyrene
Concen: 2.13 ng
RT: 15.60 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF082306.D
Acq: 15 Oct 2015 13:44

Instrument :
BNA_F
ClientSampleId :
CS-9

Tot Ion	Ratio	Lower	Upper
252	100		
253	44.0	18.2	27.2#
125	363.1	8.9	13.3#

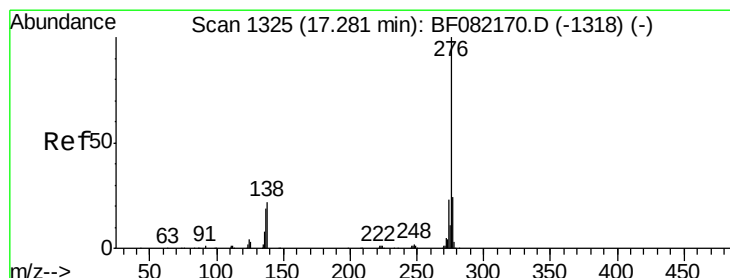
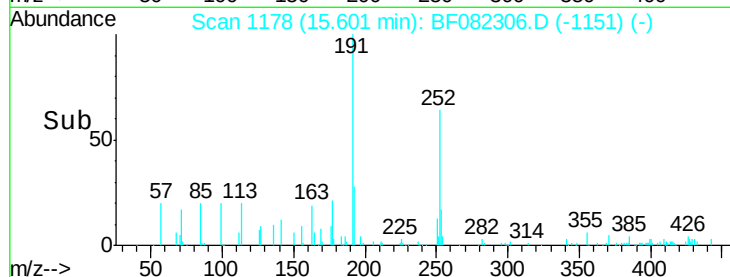
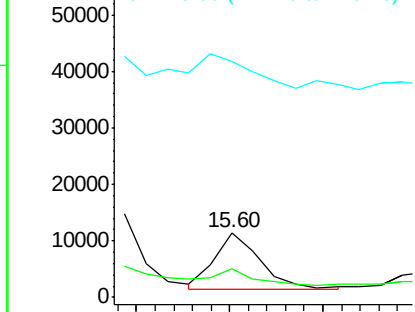


Abundance

Ion 252.00 (251.70 to 252.70): E

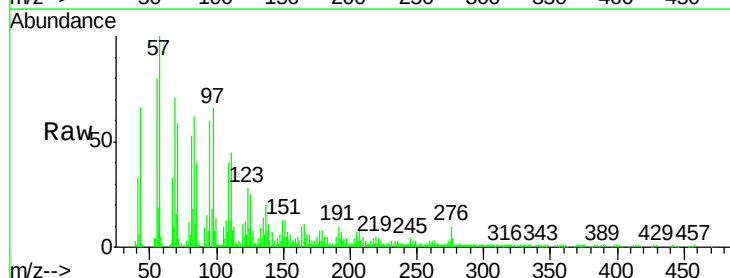
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.65 ng
RT: 17.57 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF082306.D
Acq: 15 Oct 2015 13:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	36.1	18.8	28.2#
138	76.4	17.4	26.2#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

