

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081373.D
 Acq On : 3 Sep 2015 3:58
 Operator : UM/IZ
 Sample : G3498-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP206BR-29-31

Quant Time: Sep 03 04:36:33 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	54337	20.00	ng	0.00
21) Naphthalene-d8	7.70	136	184390	20.00	ng	0.02
38) Acenaphthene-d10	9.42	164	90135	20.00	ng	0.00
63) Phenanthrene-d10	10.89	188	163001	20.00	ng	0.01
75) Chrysene-d12	13.50	240	104445	20.00	ng	0.00
86) Perylene-d12	14.81	264	89485	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	550994	157.33	ng	0.03
7) Phenol-d6	6.07	99	663221	143.07	ng	0.01
23) Nitrobenzene-d5	6.97	82	452488	118.40	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	114829	143.08	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	689570	98.04	ng	0.00
78) Terphenyl-d14	12.48	244	534273	119.08	ng	0.01

Target Compounds						Qvalue
15) Benzyl Alcohol	6.55	79	8898	2.34	ng	# 29
18) Hexachloroethane	6.87	117	4418	2.70	ng	# 26
19) n-Nitroso-di-n-propylamine	6.97	70	62693	19.87	ng	# 64
24) Nitrobenzene	7.03	77	12818	3.23	ng	# 1
31) Naphthalene	7.75	128	8781078	892.95	ng	# 92
32) Benzoic acid	7.51	122	1101	3.03	ng	# 1
33) 4-Chloroaniline	7.75	127	1354099	337.60	ng	# 36
35) Caprolactam	8.14	113	2026	2.55	ng	# 1
37) 2-Methylnaphthalene	8.42	142	3079890	481.28	ng	# 88
45) 1,1'-Biphenyl	8.86	154	395858	47.74	ng	# 95
46) 2-Chloronaphthalene	8.92	162	42223	7.05	ng	# 52
47) 2-Nitroaniline	8.95	65	5730	2.35	ng	# 12
48) Acenaphthylene	9.30	152	2260013	212.73	ng	# 92
49) Dimethylphthalate	9.18	163	128575	18.36	ng	# 96
50) 2,6-Dinitrotoluene	9.14	165	8582	5.40	ng	# 78
51) Acenaphthene	9.45	154	144952	23.98	ng	# 88
54) Dibenzofuran	9.62	168	199737	22.63	ng	# 79
55) 4-Nitrophenol	9.47	139	8306	7.31	ng	# 85
56) 2,4-Dinitrotoluene	9.61	165	25548	12.62	ng	# 65
57) Fluorene	9.98	166	1270607	189.72	ng	# 94
61) 4-Nitroaniline	9.98	138	16489	9.02	ng	# 49
65) n-Nitrosodiphenylamine	10.09	169	19008	3.20	ng	# 1
66) 4-Bromophenyl-phenylether	10.20	248	8104	4.92	ng	# 1
70) Phenanthrene	10.98	178	1096961	121.05	ng	# 97
71) Anthracene	10.98	178	1096961	117.83	ng	# 97
72) Carbazole	11.13	167	49160	5.63	ng	# 93
74) Fluoranthene	12.09	202	910397	92.80	ng	# 90
77) Pyrene	12.32	202	1240802	160.38	ng	# 96
80) Benzo(a)anthracene	13.49	228	359990	54.12	ng	# 57
82) Chrysene	13.52	228	256922	43.09	ng	# 92
85) Indeno(1,2,3-cd)pyrene	15.90	276	58127	13.29	ng	# 84
87) Benzo(b)fluoranthene	14.48	252	212407	33.25	ng	# 89
88) Benzo(k)fluoranthene	14.71	252	77761	14.67	ng	# 95
89) Benzo(a)pyrene	14.77	252	184531	34.09	ng	# 82

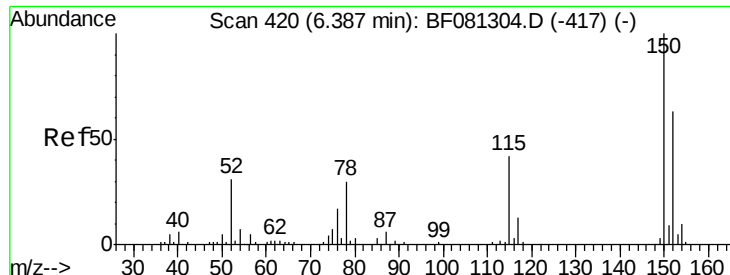
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
Data File : BF081373.D
Acq On : 3 Sep 2015 3:58
Operator : UM/IZ
Sample : G3498-01
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	15.90	278	18013	4.31	ng	# 80
91) Benzo(g,h,i)perylene	16.22	276	51667	12.94	ng	# 73

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

Instrument :

BNA_F

ClientSampleId :

MGP206BR-29-31

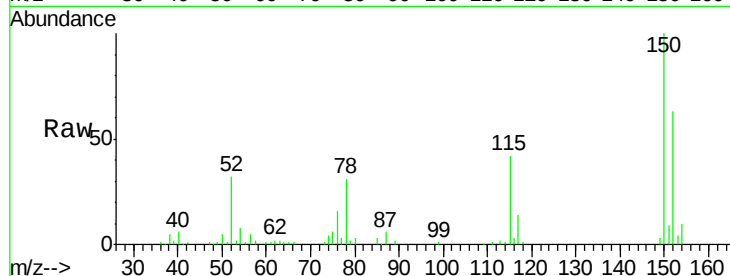
Tot Ion:152 Resp: 54337

Ion Ratio Lower Upper

152 100

150 157.8 124.7 187.1

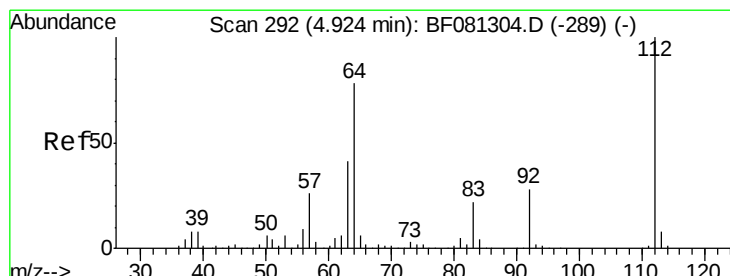
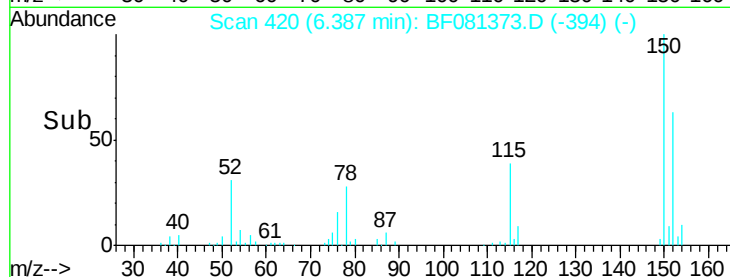
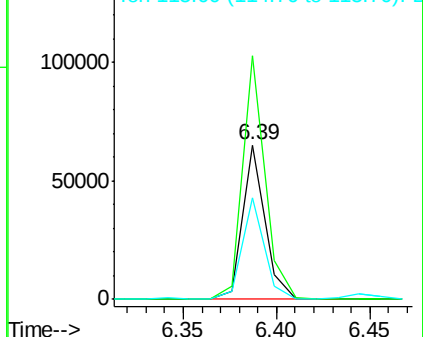
115 65.5 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 157.33 ng

RT: 4.96 min Scan# 295

Delta R.T. 0.03 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

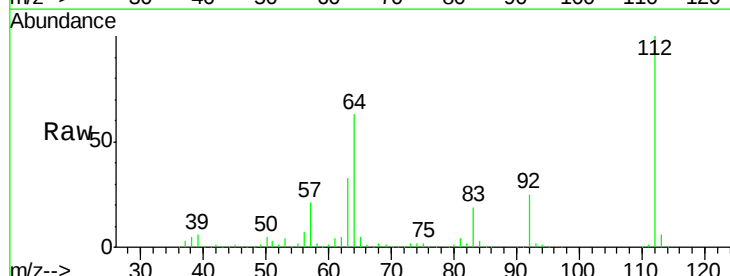
Tgt Ion:112 Resp: 550994

Ion Ratio Lower Upper

112 100

64 63.1 39.7 59.5#

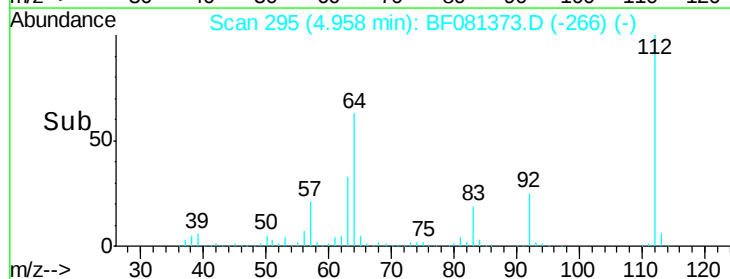
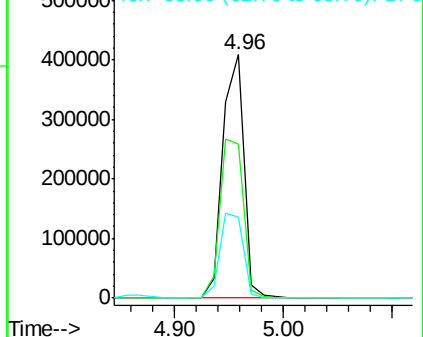
63 33.2 17.4 26.0#

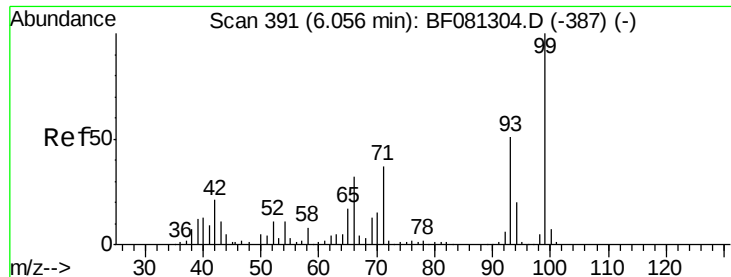


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 143.07 ng

RT: 6.07 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

Instrument :

BNA_F

ClientSampleId :

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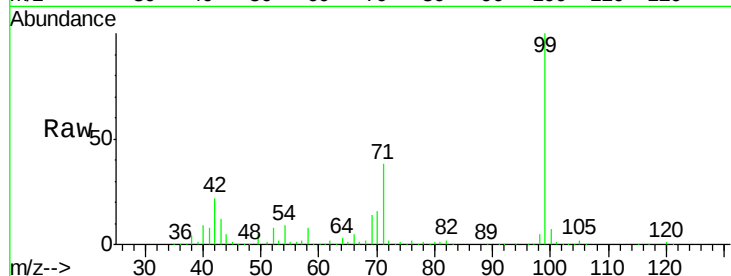
Tot Ion: 99 Resp: 663221

Ion Ratio Lower Upper

99 100

42 22.3 13.7 20.5#

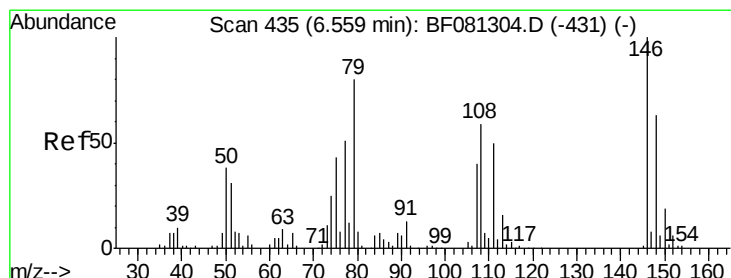
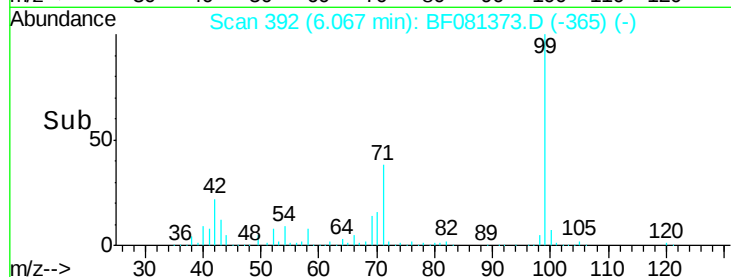
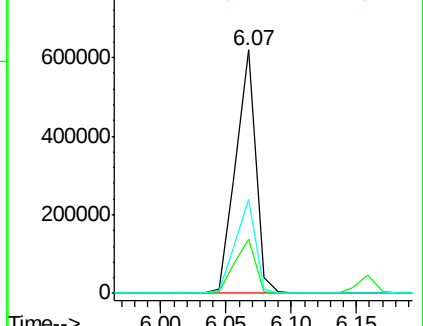
71 38.4 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.34 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

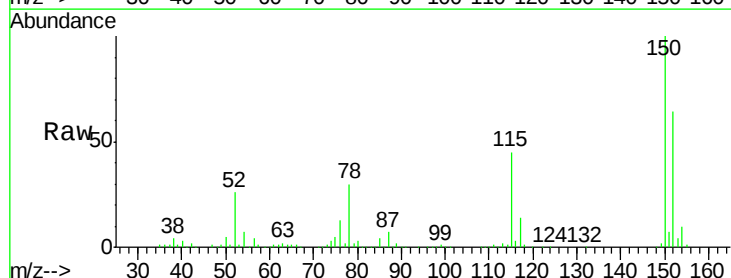
Tgt Ion: 79 Resp: 8898

Ion Ratio Lower Upper

79 100

108 24.0 88.6 132.8#

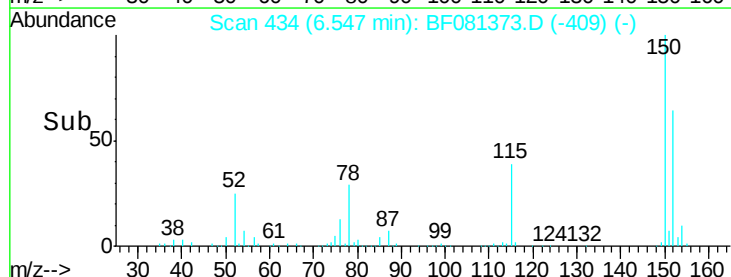
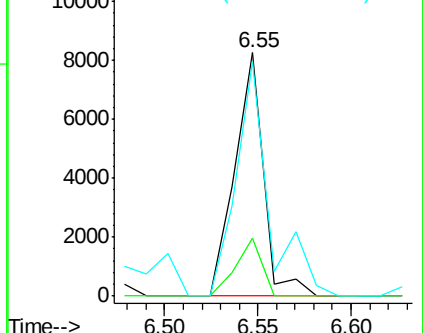
77 96.4 47.0 70.4#

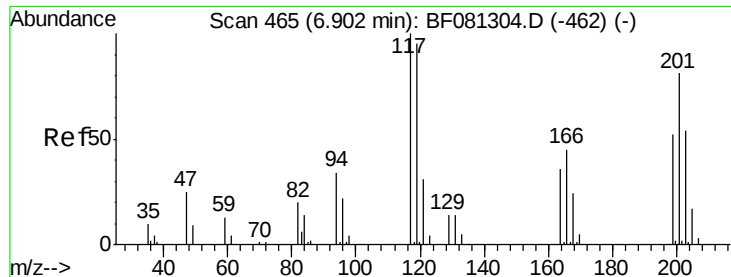


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

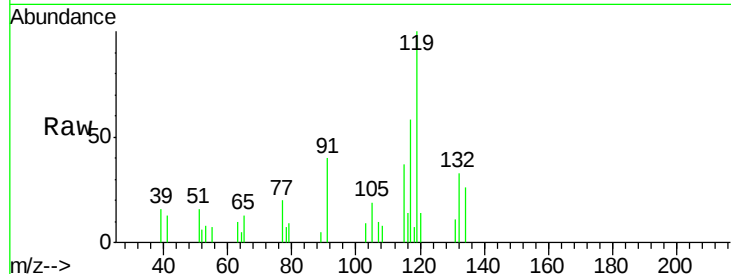




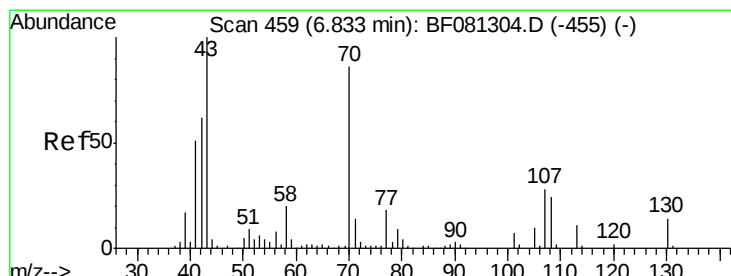
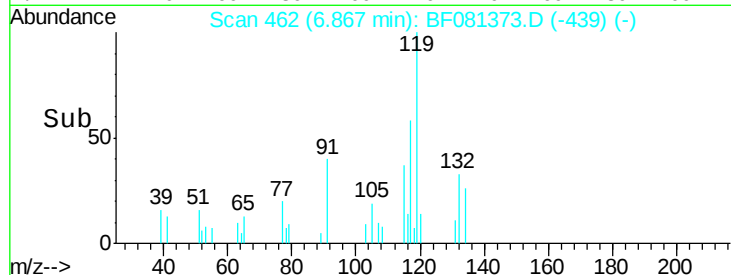
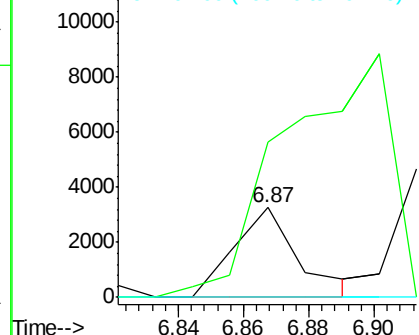
#18
Hexachloroethane
Concen: 2.70 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF081373.D
Acq: 3 Sep 2015 3:58

Instrument :
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Tot Ion: 117 Resp: 4418
Ion Ratio Lower Upper
117 100
119 173.2 83.8 125.6#
201 0.0 55.1 82.7#

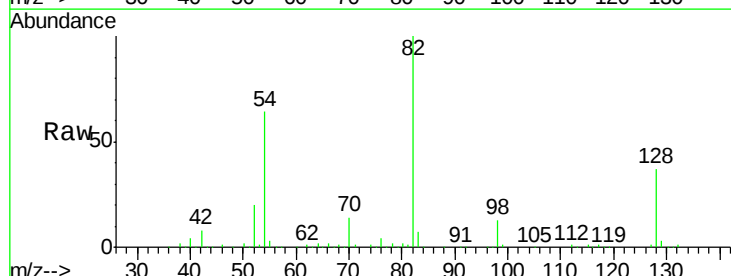


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

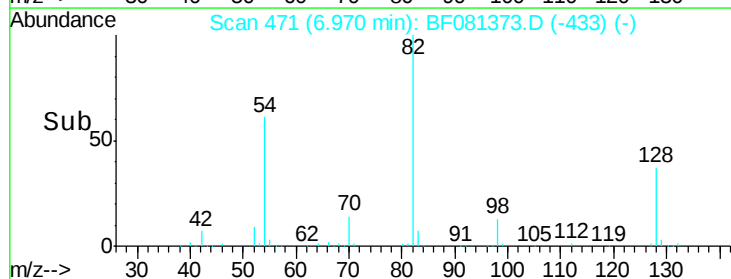
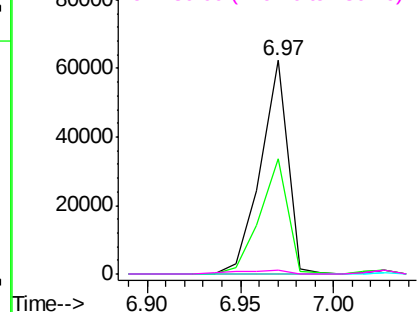


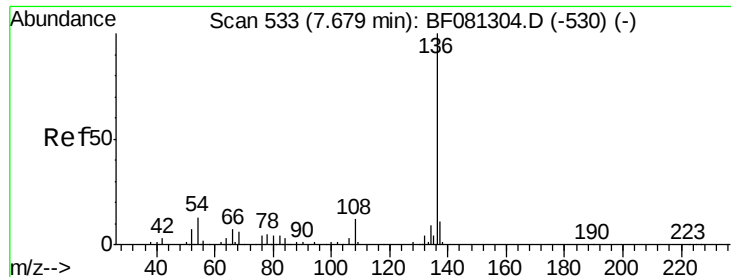
#19
n-Nitroso-di-n-propylamine
Concen: 19.87 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.14 min
Lab File: BF081373.D
Acq: 3 Sep 2015 3:58

Tgt Ion: 70 Resp: 62693
Ion Ratio Lower Upper
70 100
42 54.1 63.8 95.6#
101 0.0 9.2 13.8#
130 2.0 27.3 40.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.02 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

Instrument :

BNA_F

ClientSampleId :

MGP206BR-29-31

Tot Ion:136 Resp: 184390

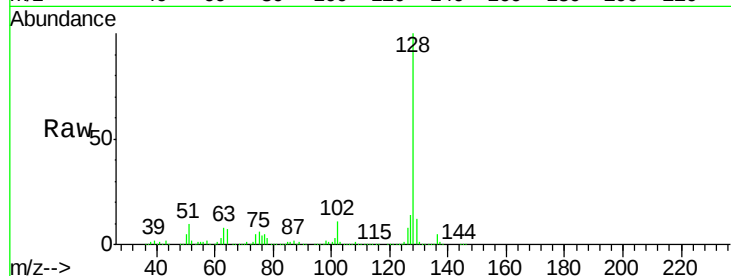
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 11.7 8.2 12.2

68 6.6 5.8 8.6

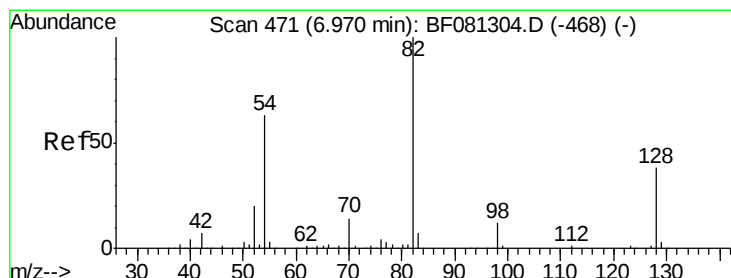
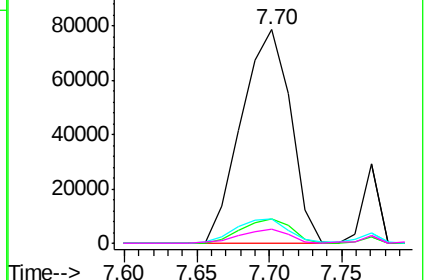
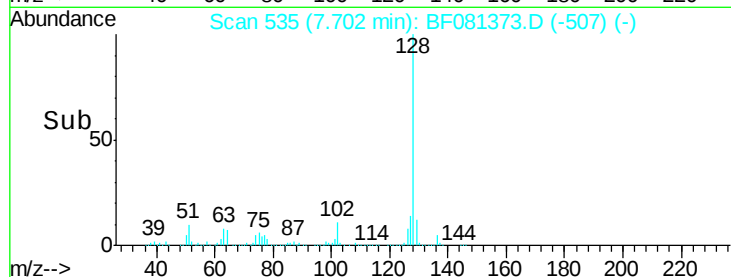


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 118.40 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

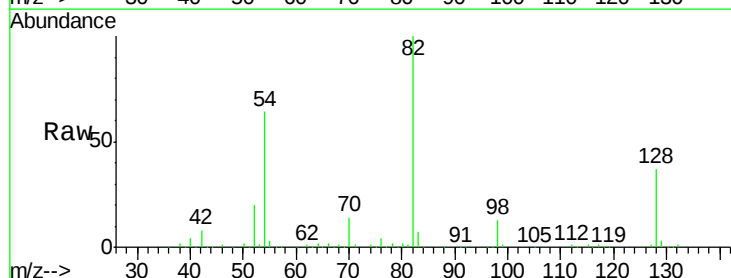
Tgt Ion: 82 Resp: 452488

Ion Ratio Lower Upper

82 100

128 36.8 51.0 76.6#

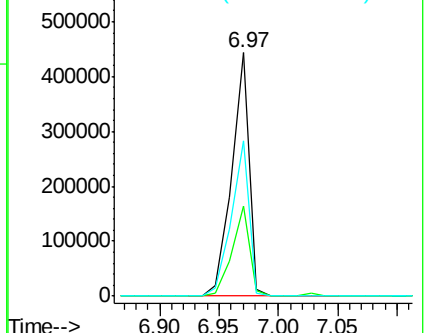
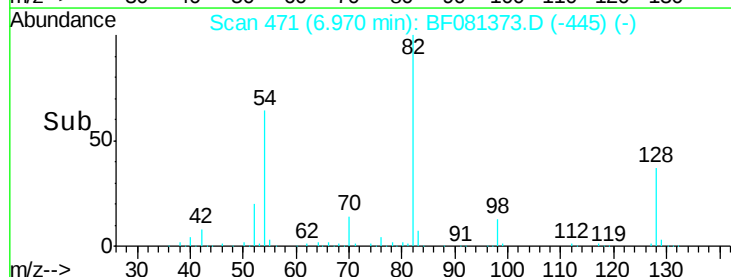
54 63.6 47.5 71.3

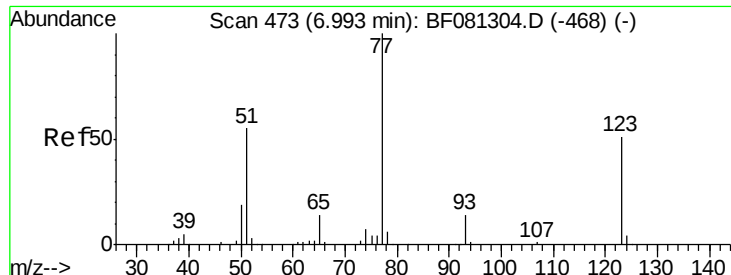


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

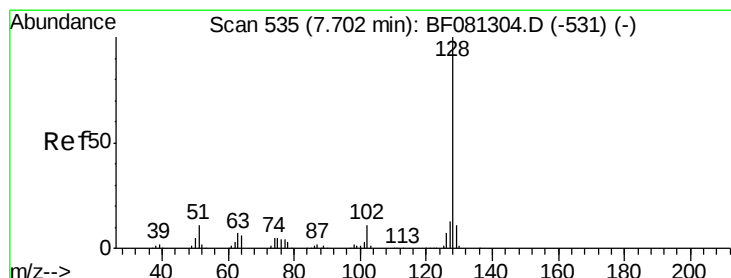
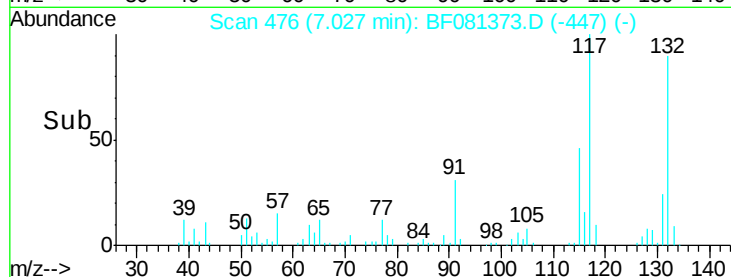
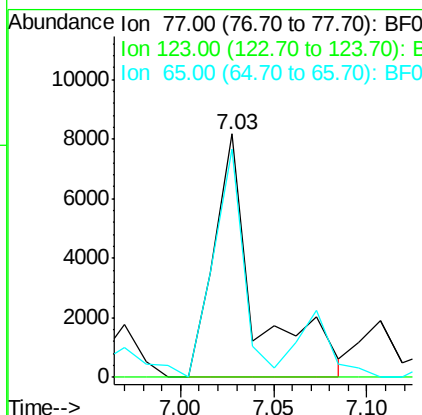
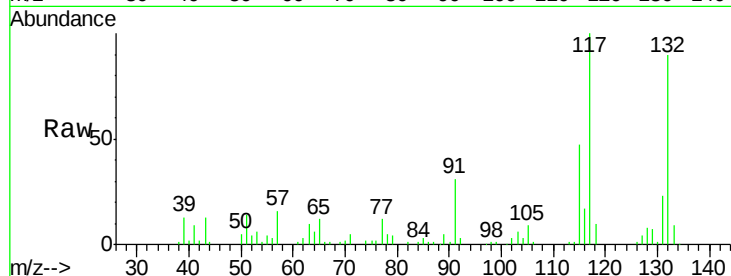




#24
 Nitrobenzene
 Concen: 3.23 ng
 RT: 7.03 min Scan# 476
 Delta R.T. 0.03 min
 Lab File: BF081373.D
 Acq: 3 Sep 2015 3:58

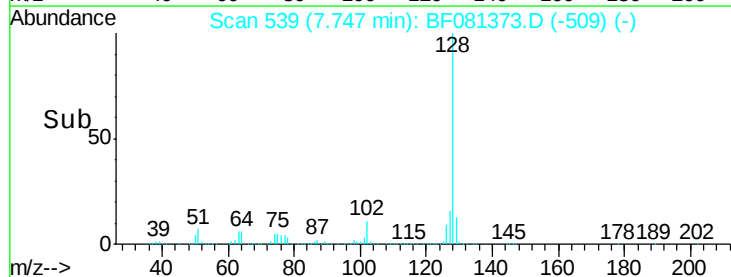
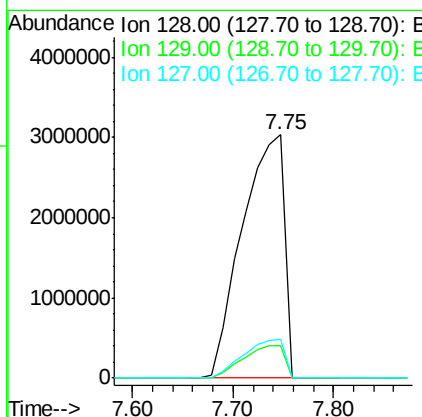
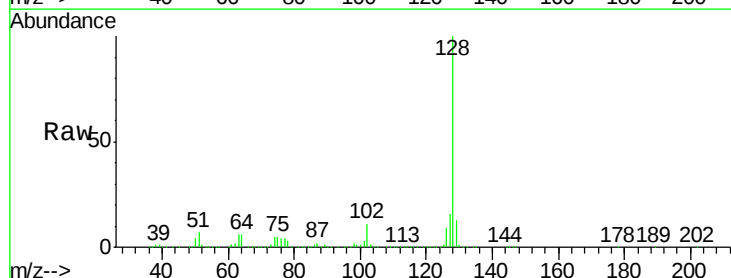
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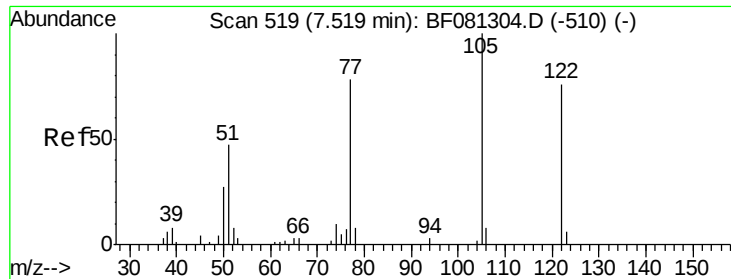
Tot Ion: 77 Resp: 12818
 Ion Ratio Lower Upper
 77 100
 123 0.0 59.8 89.8#
 65 94.0 10.2 15.4#



#31
 Naphthalene
 Concen: 892.95 ng
 RT: 7.75 min Scan# 539
 Delta R.T. 0.05 min
 Lab File: BF081373.D
 Acq: 3 Sep 2015 3:58

Tgt Ion:128 Resp: 8781078
 Ion Ratio Lower Upper
 128 100
 129 13.2 8.4 12.6#
 127 16.1 9.9 14.9#

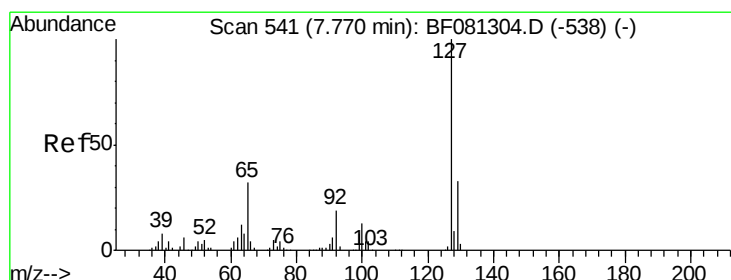
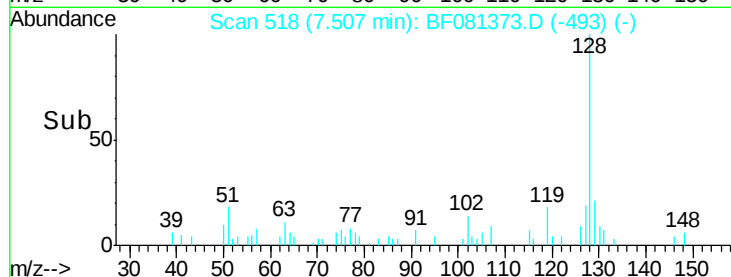
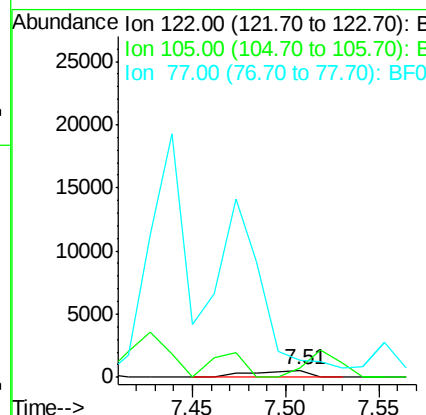
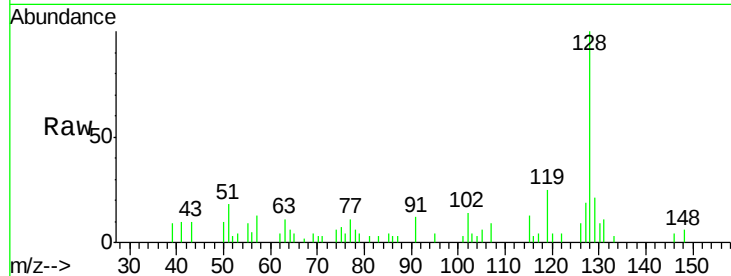




#32
Benzoic acid
Concen: 3.03 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF081373.D
Acq: 3 Sep 2015 3:58

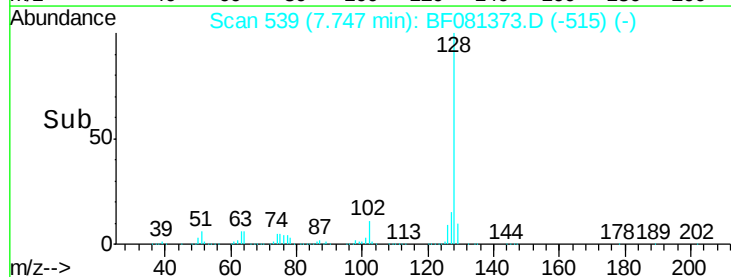
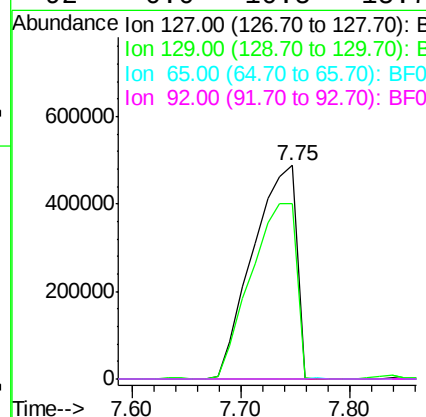
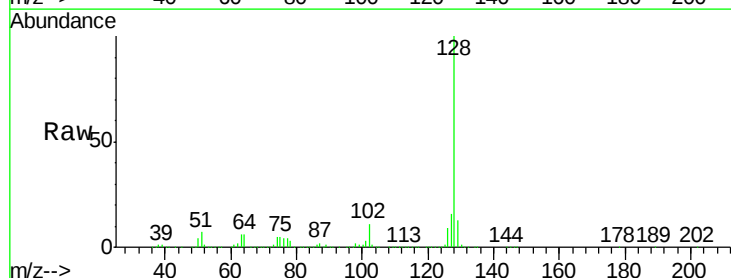
Instrument :
BNA_F
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MGP206BR-29-31

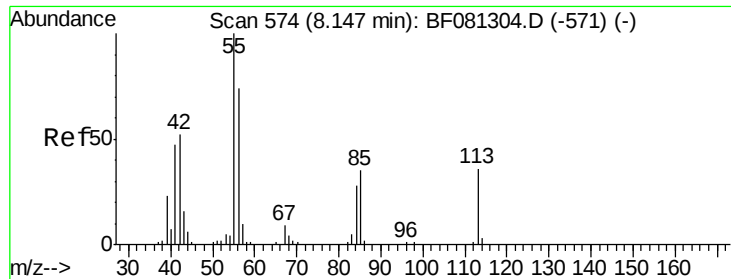
Tot Ion:122 Resp: 1101
Ion Ratio Lower Upper
122 100
105 140.9 76.1 116.1#
77 251.1 40.5 80.5#



#33
4-Chloroaniline
Concen: 337.60 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF081373.D
Acq: 3 Sep 2015 3:58

Tgt Ion:127 Resp: 1354099
Ion Ratio Lower Upper
127 100
129 82.3 25.8 38.6#
65 0.0 17.9 26.9#
92 0.0 10.5 15.7#

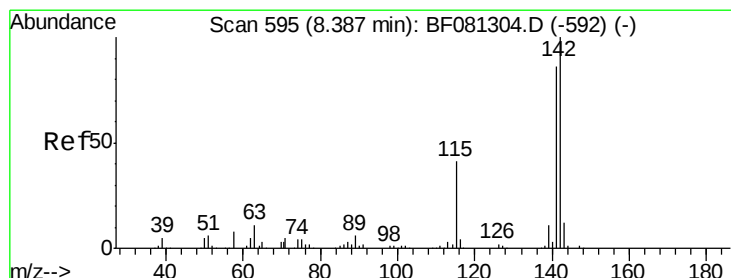
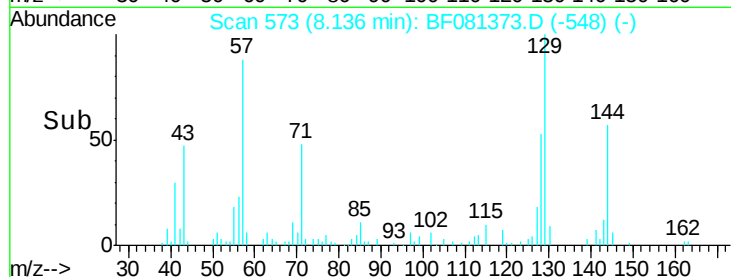
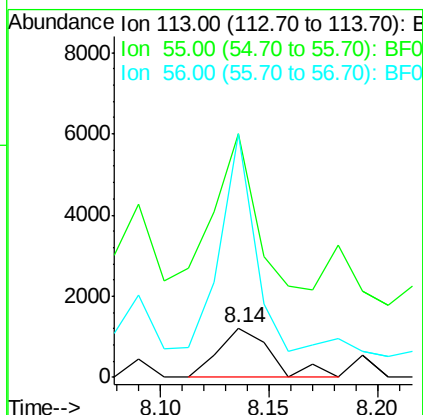
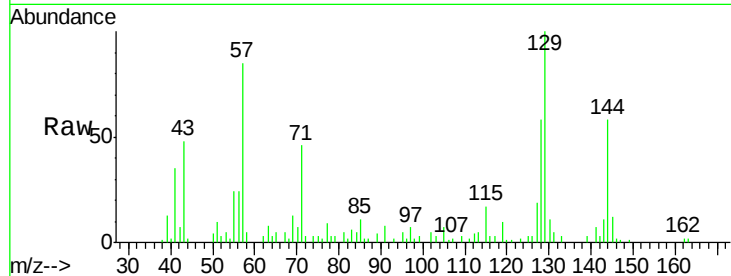




#35
Caprolactam
Concen: 2.55 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF081373.D
Acq: 3 Sep 2015 3:58

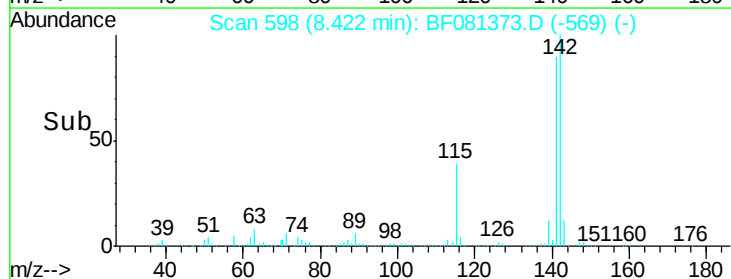
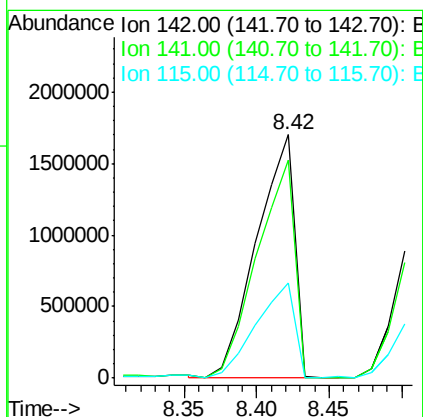
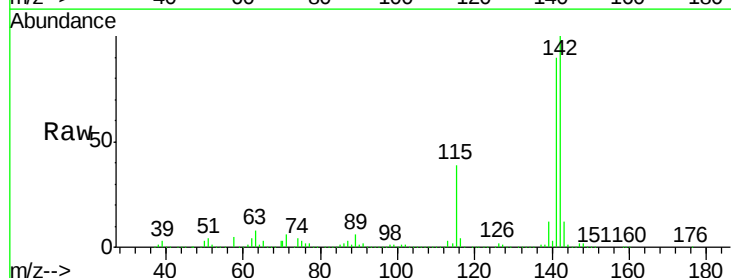
Instrument :
BNA_F
ClientSampleId :
MGP206BR-29-31

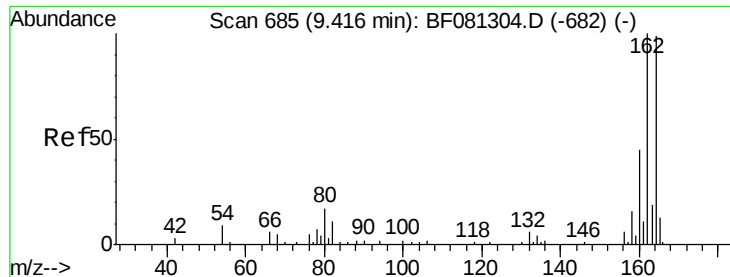
Tot Ion:113 Resp: 2026
Ion Ratio Lower Upper
113 100
55 490.6 152.4 192.4#
56 490.1 104.6 144.6#



#37
2-Methylnaphthalene
Concen: 481.28 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.03 min
Lab File: BF081373.D
Acq: 3 Sep 2015 3:58

Tgt Ion:142 Resp: 3079890
Ion Ratio Lower Upper
142 100
141 89.7 67.5 101.3
115 39.0 18.2 27.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

Instrument :

BNA_F

ClientSampleId :

MGP206BR-29-31

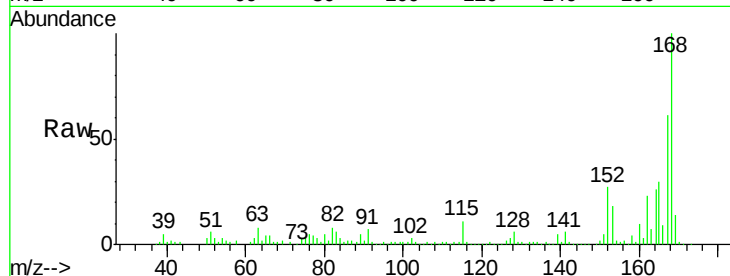
Tot Ion:164 Resp: 90135

Ion Ratio Lower Upper

164 100

162 89.2 75.2 112.8

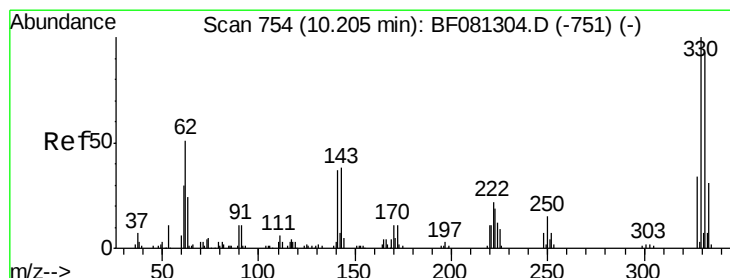
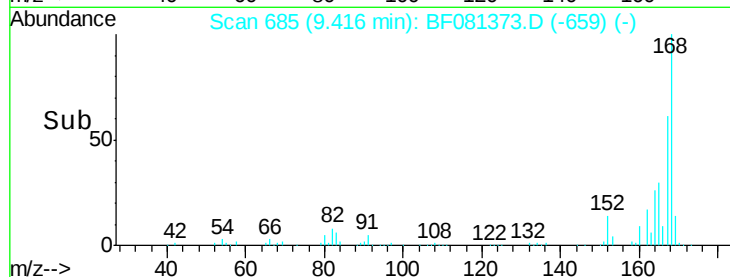
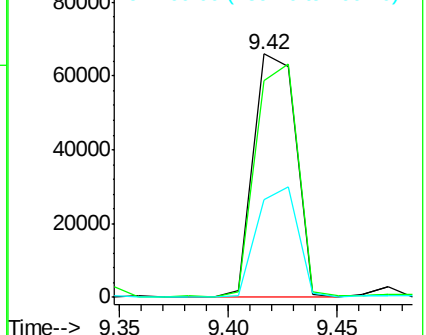
160 40.0 31.5 47.3



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: 143.08 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

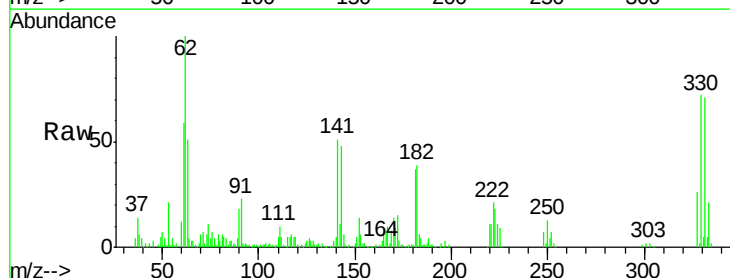
Tgt Ion:330 Resp: 114829

Ion Ratio Lower Upper

330 100

332 97.9 76.6 114.8

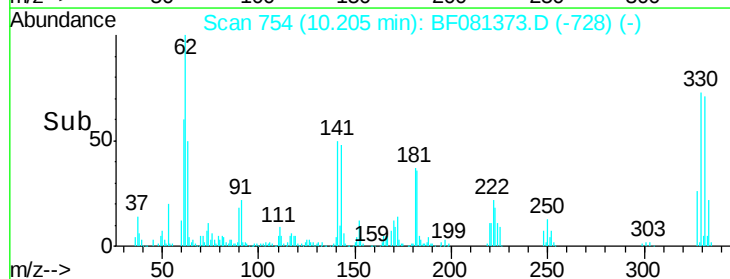
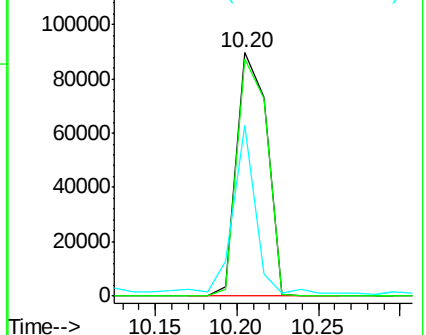
141 50.7 29.7 44.5#

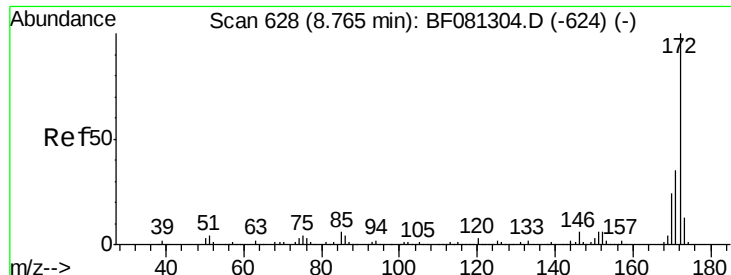


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

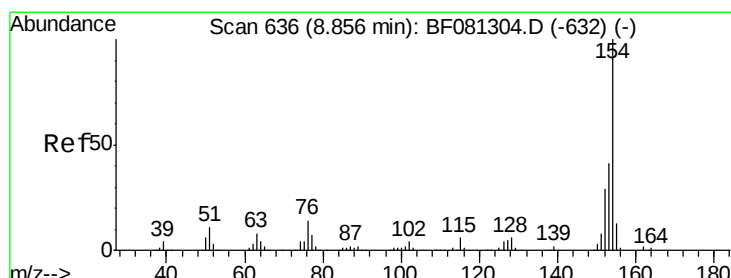
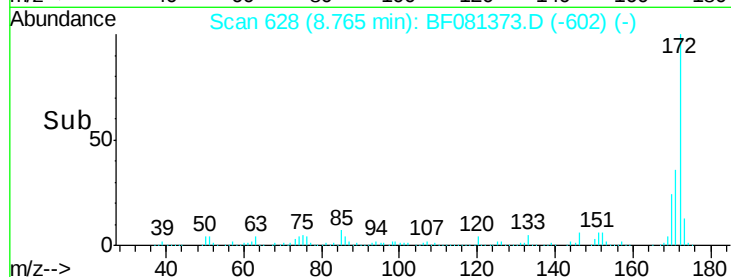
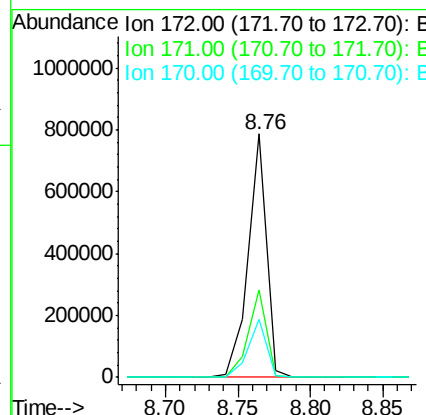
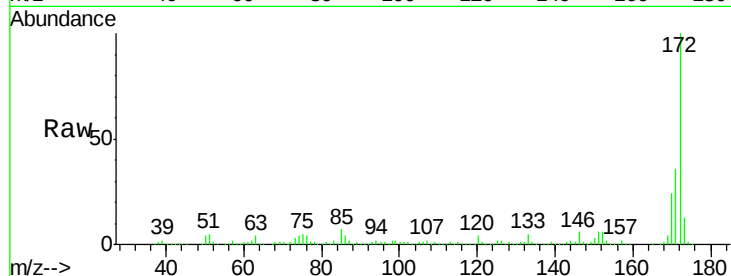




#44
 2-Fluorobiphenyl
 Concen: 98.04 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081373.D
 Acq: 3 Sep 2015 3:58

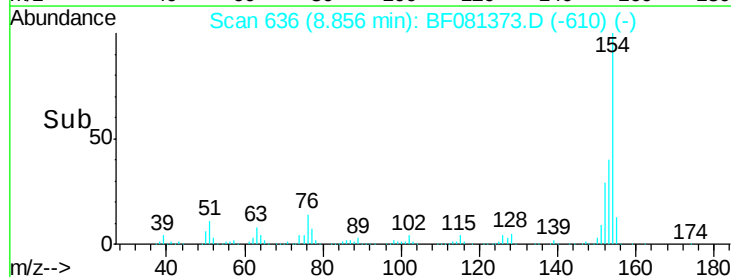
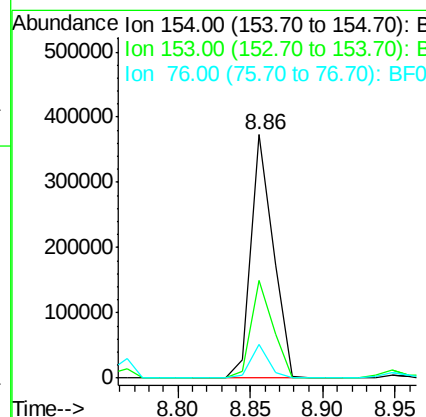
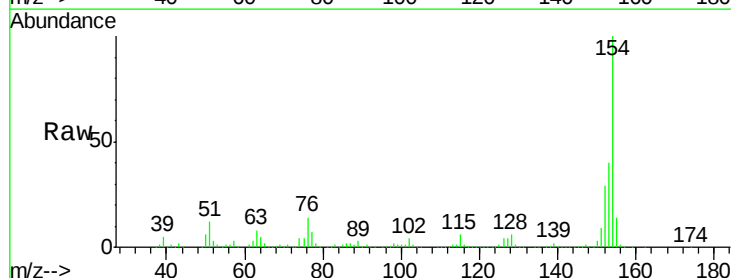
Instrument :
 BNA_F
 ClientSampleId :
 MGP206BR-29-31

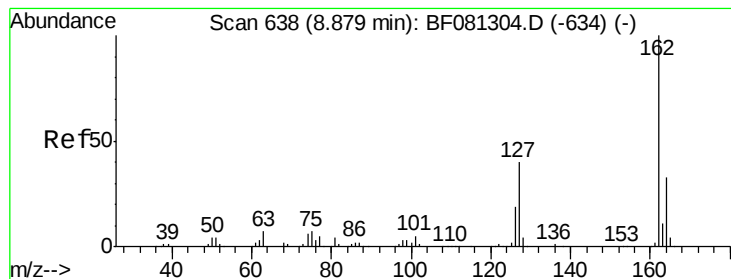
Tot Ion:172 Resp: 689570
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 23.8 17.4 26.2



#45
 1,1'-Biphenyl
 Concen: 47.74 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF081373.D
 Acq: 3 Sep 2015 3:58

Tgt Ion:154 Resp: 395858
 Ion Ratio Lower Upper
 154 100
 153 40.3 17.1 57.1
 76 13.8 0.0 31.6





#46

2-Chloronaphthalene

Concen: 7.05 ng

RT: 8.92 min Scan# 642

Delta R.T. 0.05 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

Instrument :

BNA_F

ClientSampleId :

MGP206BR-29-31

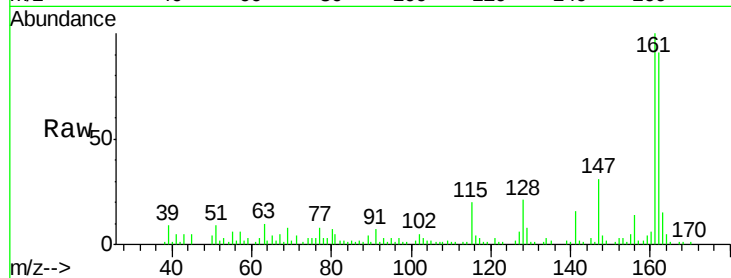
Tot Ion:162 Resp: 42223

Ion Ratio Lower Upper

162 100

127 6.9 27.6 41.4#

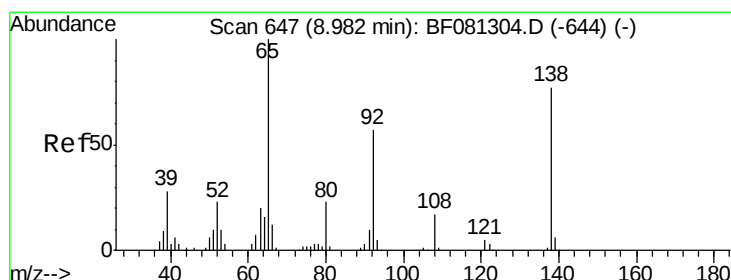
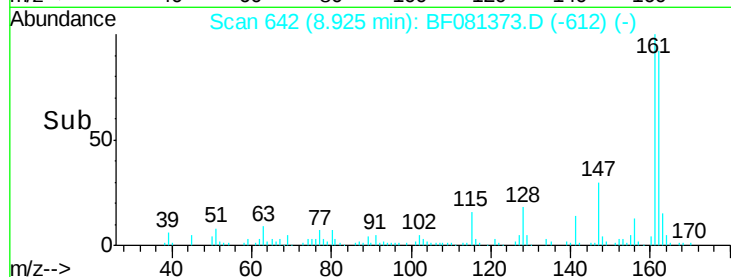
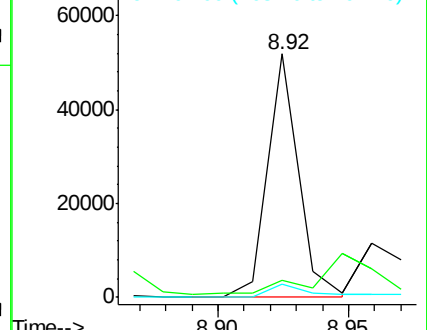
164 5.6 25.4 38.2#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 2.35 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

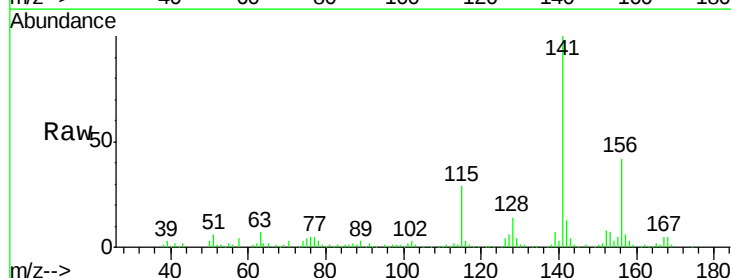
Tgt Ion: 65 Resp: 5730

Ion Ratio Lower Upper

65 100

92 11.6 55.4 83.0#

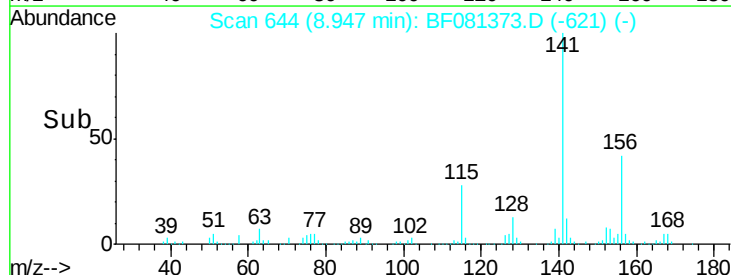
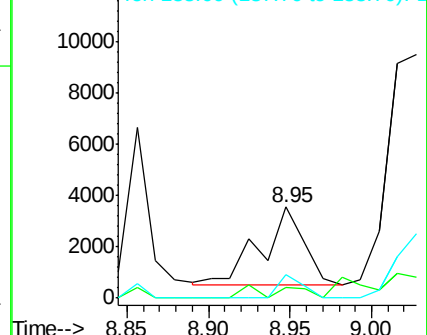
138 25.5 115.5 173.3#

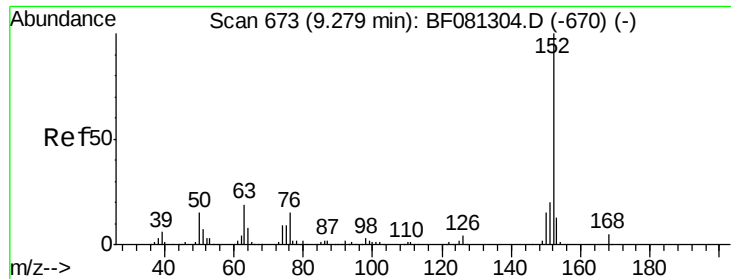


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

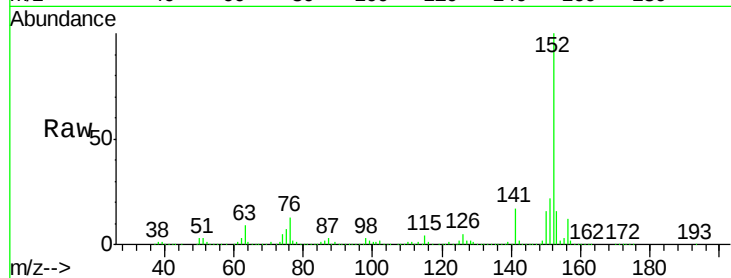




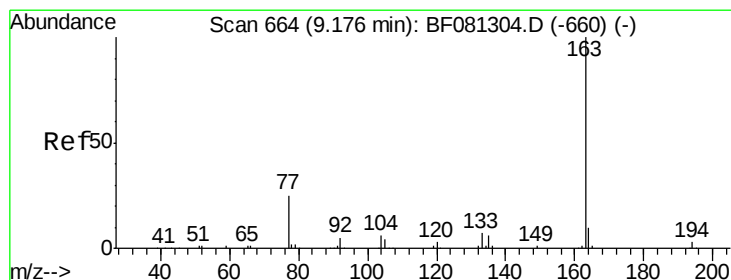
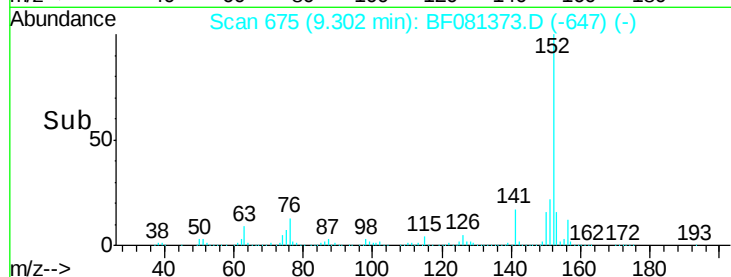
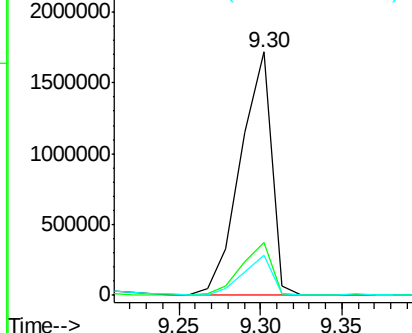
#48
Acenaphthylene
Concen: 212.73 ng
RT: 9.30 min Scan# 675
Delta R.T. 0.02 min
Lab File: BF081373.D
Acq: 3 Sep 2015 3:58

Instrument :
BNA_F
ClientSampleId :
MGP206BR-29-31

Tot Ion:152 Resp: 2260013
Ion Ratio Lower Upper
152 100
151 22.0 14.6 22.0#
153 16.2 10.3 15.5#

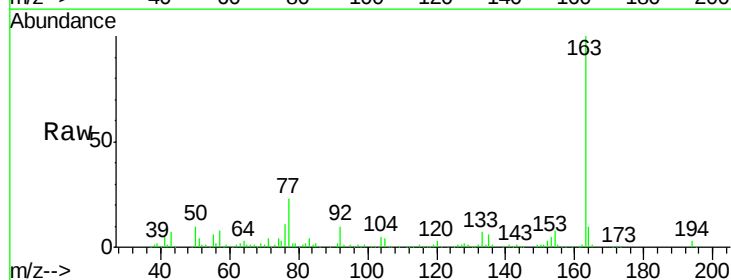


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

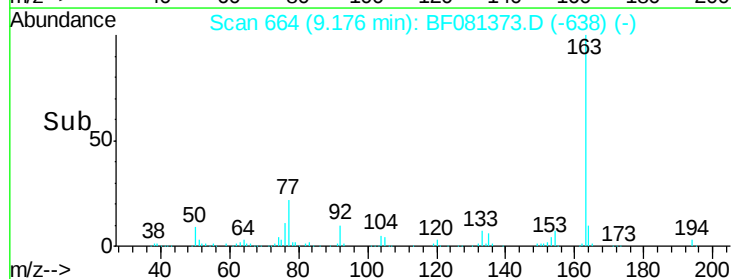
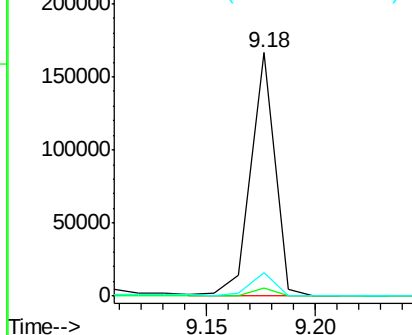


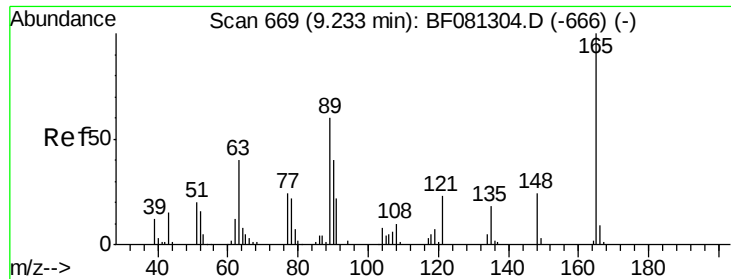
#49
Dimethylphthalate
Concen: 18.36 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF081373.D
Acq: 3 Sep 2015 3:58

Tgt Ion:163 Resp: 128575
Ion Ratio Lower Upper
163 100
194 3.2 4.4 6.6#
164 9.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

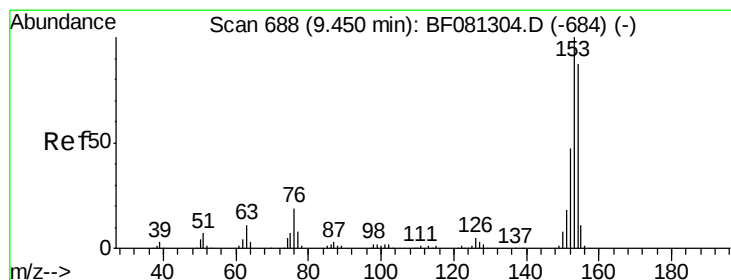
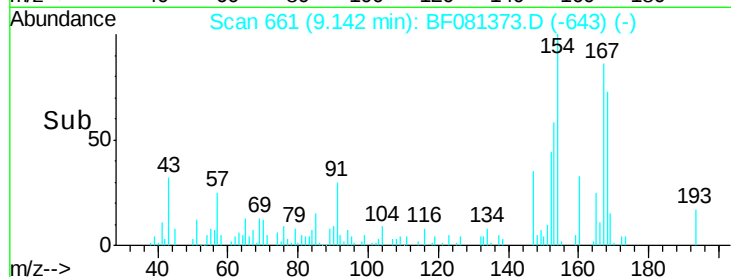
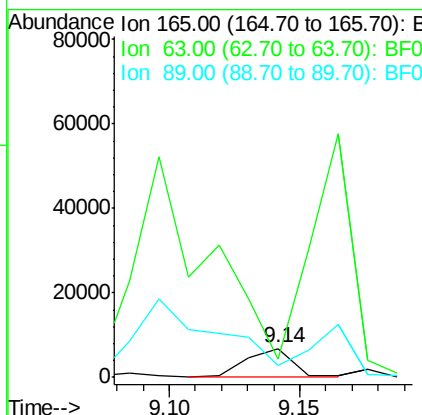
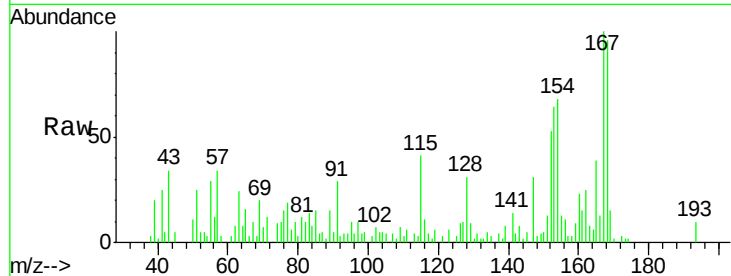




#50
 2,6-Dinitrotoluene
 Concen: 5.40 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.09 min
 Lab File: BF081373.D
 Acq: 3 Sep 2015 3:58

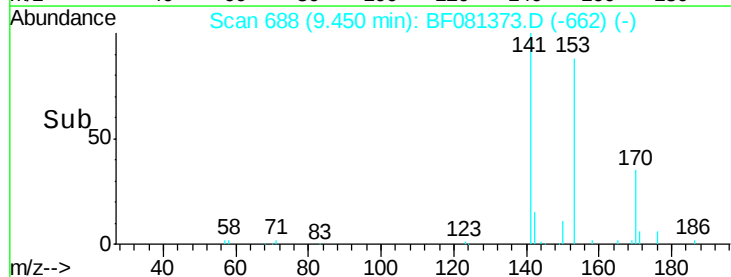
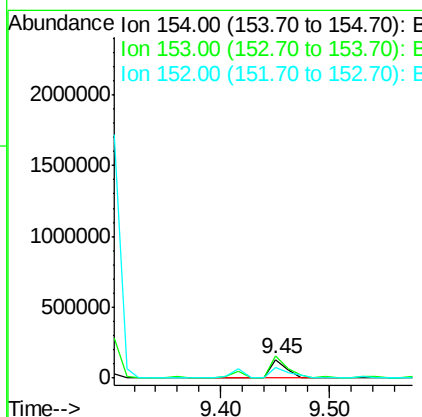
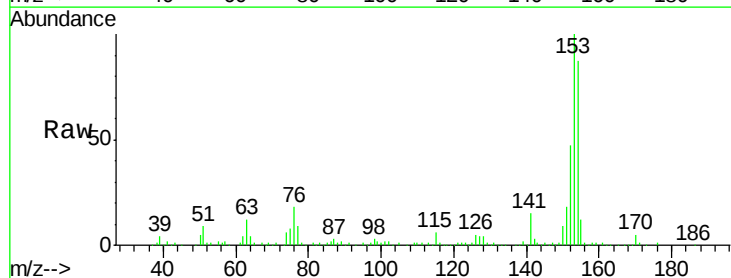
Instrument :
 BNA_F
 ClientSampleId :
 MGP206BR-29-31

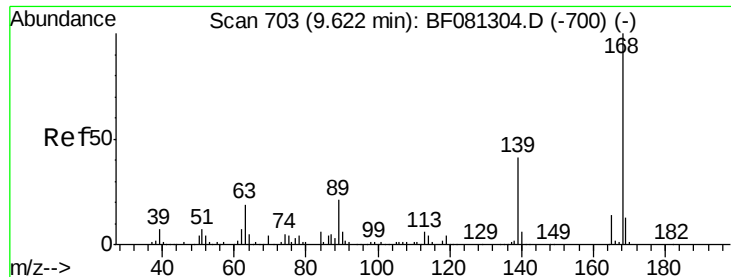
Tot Ion:165 Resp: 8582
 Ion Ratio Lower Upper
 165 100
 63 62.4 32.3 48.5#
 89 39.7 28.6 43.0



#51
 Acenaphthene
 Concen: 23.98 ng
 RT: 9.45 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF081373.D
 Acq: 3 Sep 2015 3:58

Tgt Ion:154 Resp: 144952
 Ion Ratio Lower Upper
 154 100
 153 114.9 82.1 123.1
 152 54.6 37.9 56.9

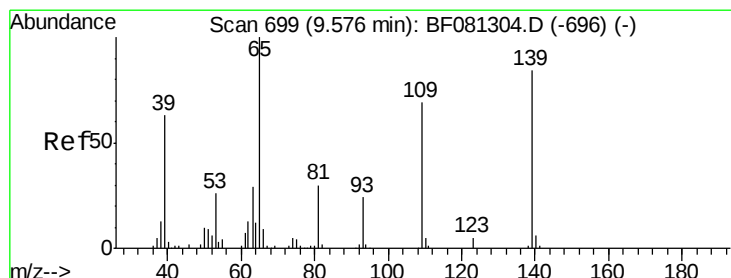
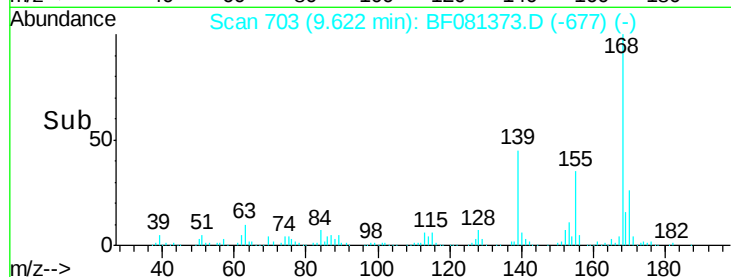
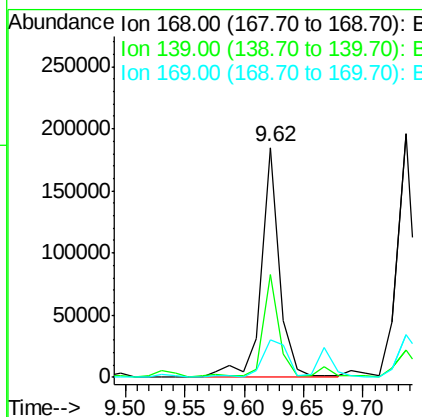
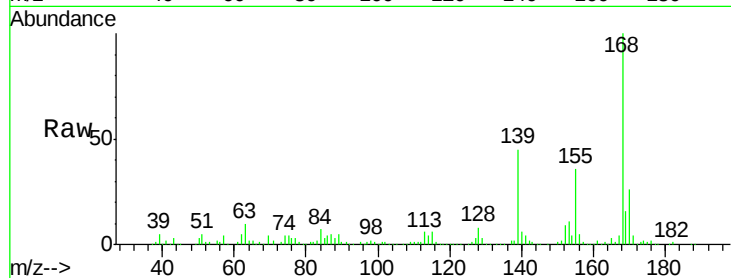




#54
Dibenzenofuran
Concen: 22.63 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF081373.D
Acq: 3 Sep 2015 3:58

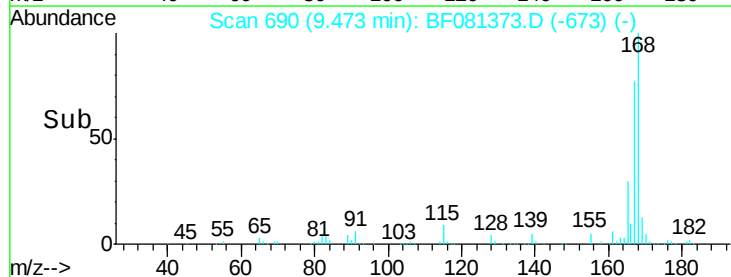
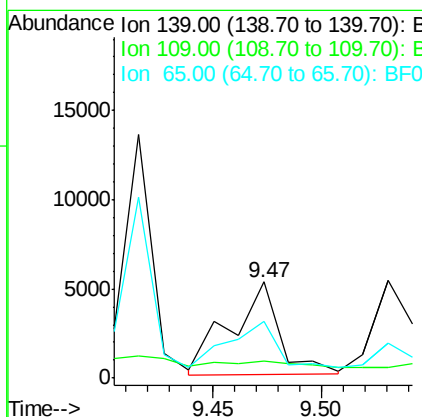
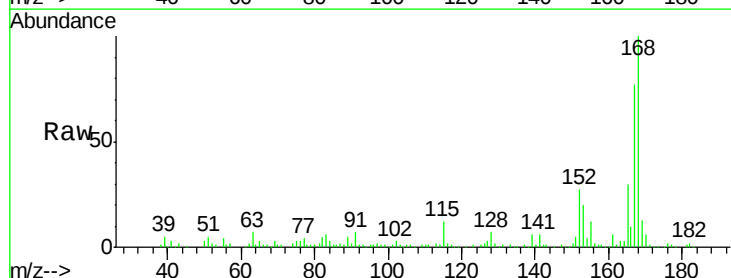
Instrument :
BNA_F
ClientSampleId :
MGP206BR-29-31

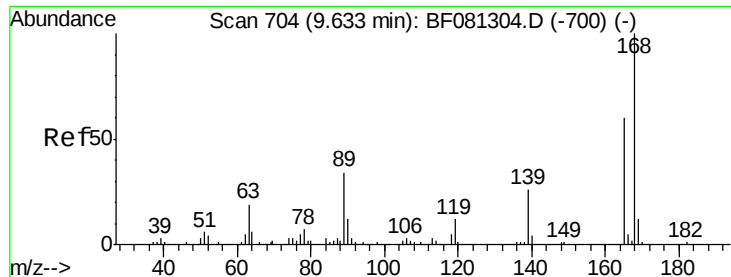
Tot Ion:168 Resp: 199737
Ion Ratio Lower Upper
168 100
139 44.8 24.2 36.2#
169 16.2 10.6 15.8#



#55
4-Nitrophenol
Concen: 7.31 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.10 min
Lab File: BF081373.D
Acq: 3 Sep 2015 3:58

Tgt Ion:139 Resp: 8306
Ion Ratio Lower Upper
139 100
109 17.3 12.7 52.7
65 59.1 45.9 85.9

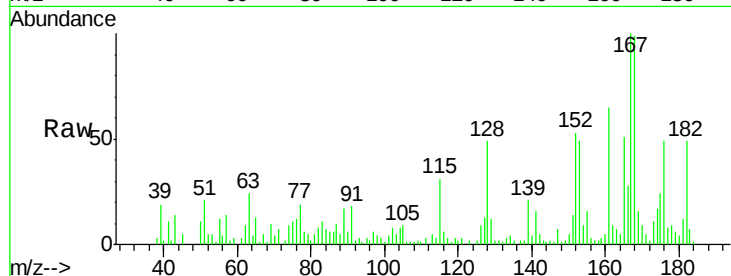




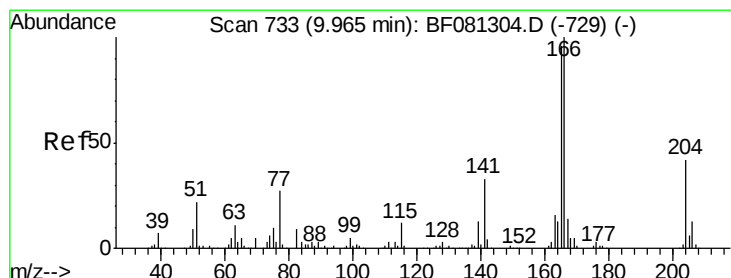
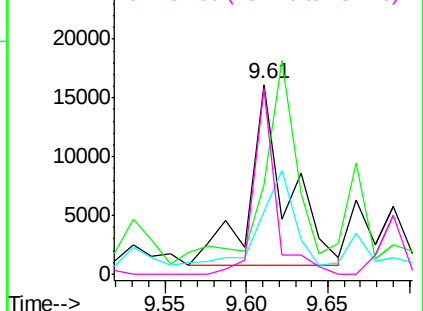
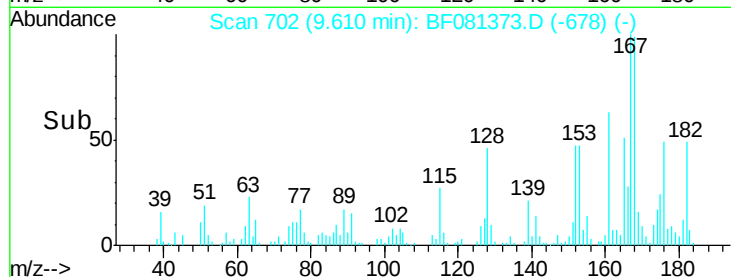
#56
2,4-Dinitrotoluene
Concen: 12.62 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF081373.D
Acq: 3 Sep 2015 3:58

Instrument :
BNA_F
ClientSampleId :
MGP206BR-29-31

Tot Ion:165 Resp: 25548
Ion Ratio Lower Upper
165 100
63 47.5 29.8 44.6#
89 33.3 44.5 66.7#
182 97.8 3.0 4.4#

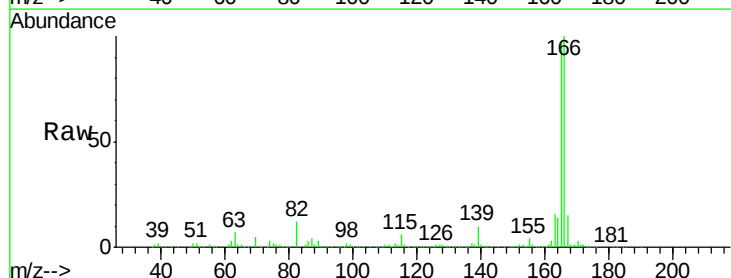


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

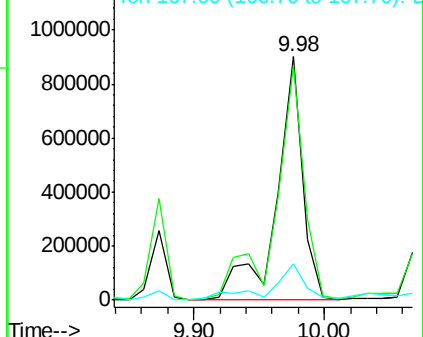
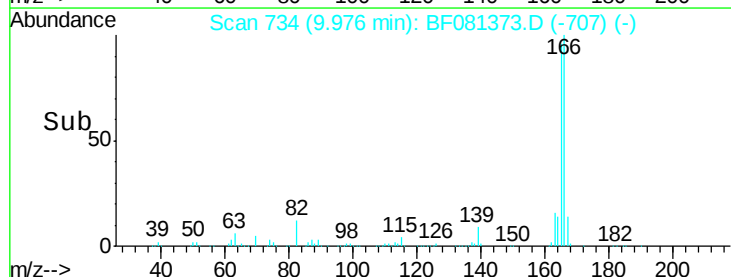


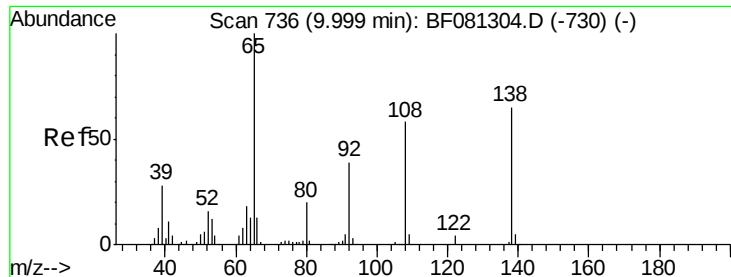
#57
Fluorene
Concen: 189.72 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF081373.D
Acq: 3 Sep 2015 3:58

Tgt Ion:166 Resp: 1270607
Ion Ratio Lower Upper
166 100
165 96.5 72.6 109.0
167 14.6 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





#61

4-Nitroaniline

Concen: 9.02 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

Instrument :

BNA_F

ClientSampleId :

MGP206BR-29-31

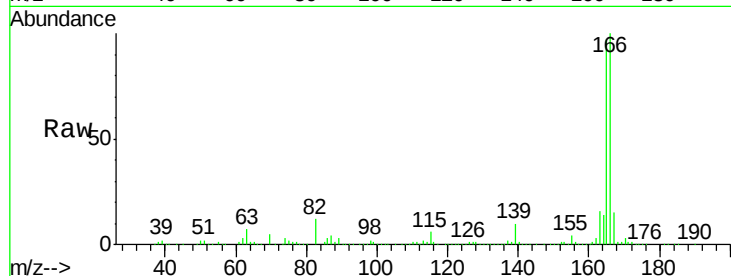
Tot Ion:138 Resp: 16489

Ion Ratio Lower Upper

138 100

92 3.5 12.6 52.6#

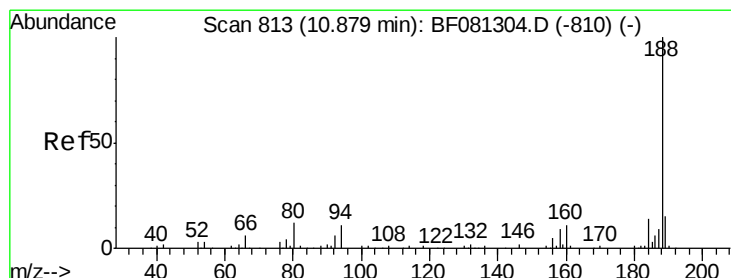
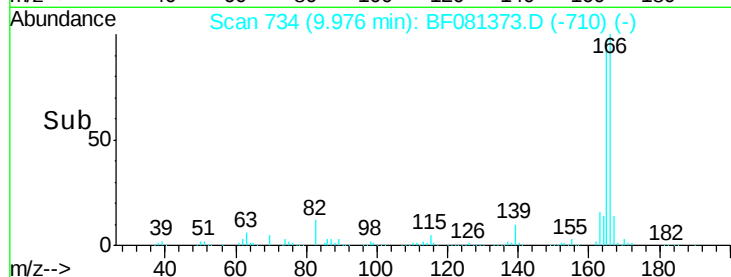
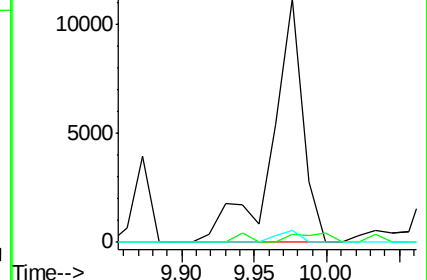
108 4.7 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

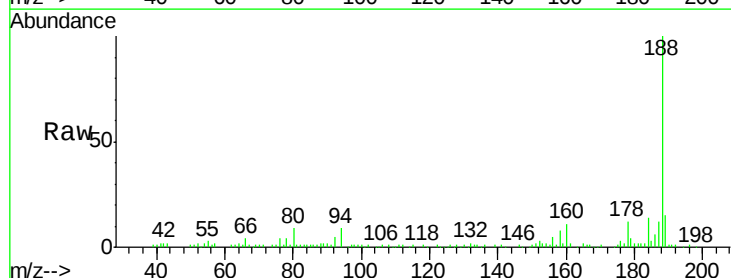
Tgt Ion:188 Resp: 163001

Ion Ratio Lower Upper

188 100

94 8.9 11.1 16.7#

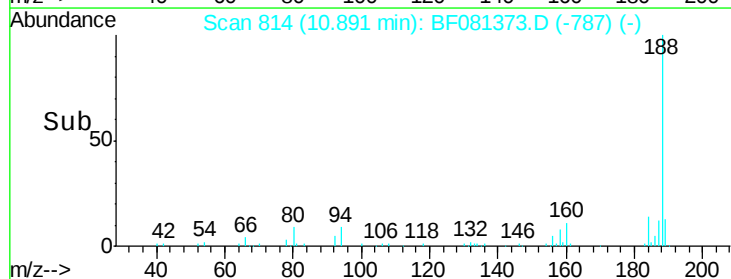
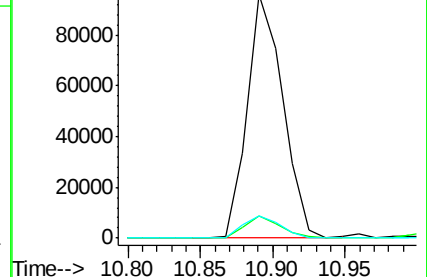
80 9.2 11.0 16.4#

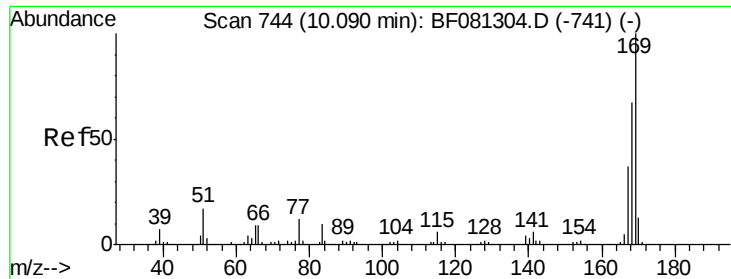


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

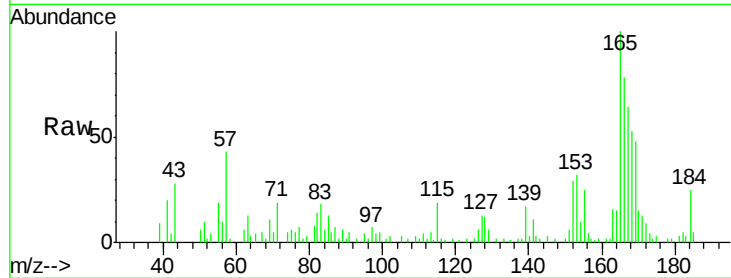




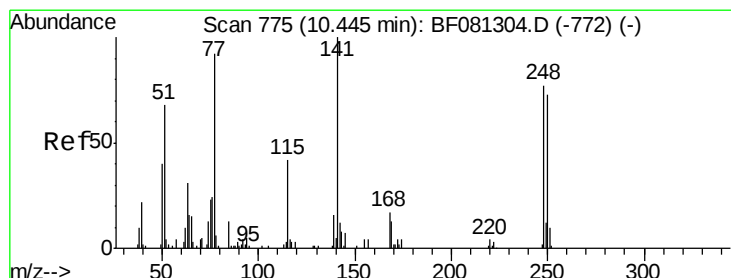
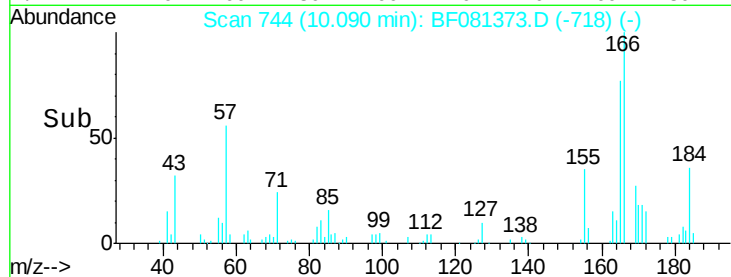
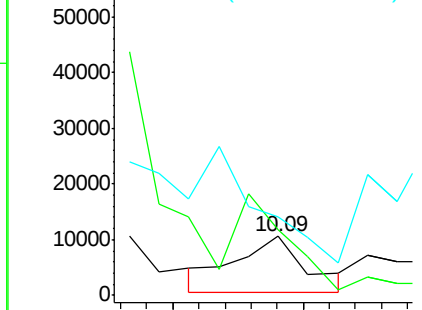
#65
 n-Nitrosodiphenylamine
 Concen: 3.20 ng
 RT: 10.09 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF081373.D
 Acq: 3 Sep 2015 3:58

Instrument :
 BNA_F
 ClientSampleId :
 MGP206BR-29-31

Tot Ion:169 Resp: 19008
 Ion Ratio Lower Upper
 169 100
 168 110.4 48.9 73.3#
 167 133.6 26.2 39.4#

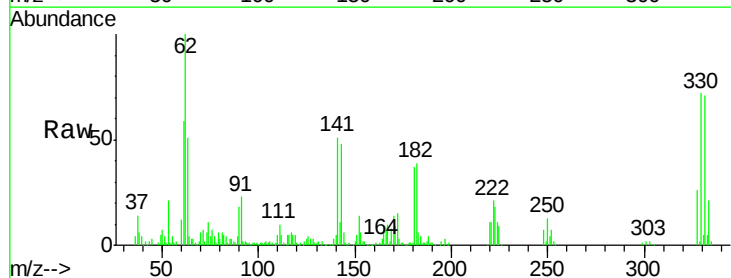


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

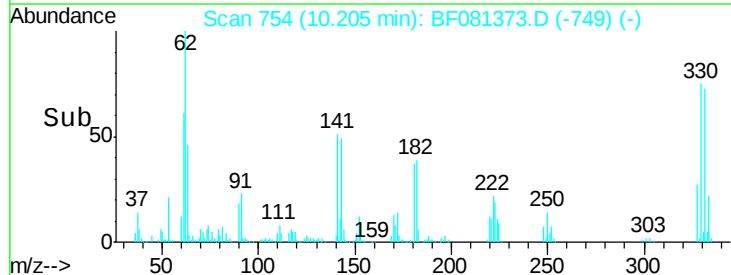
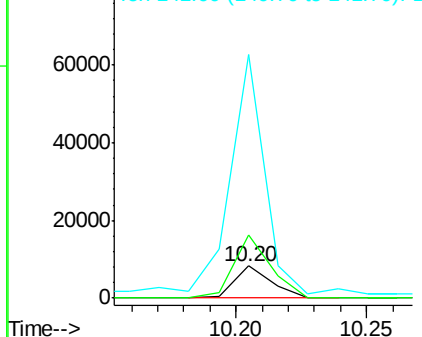


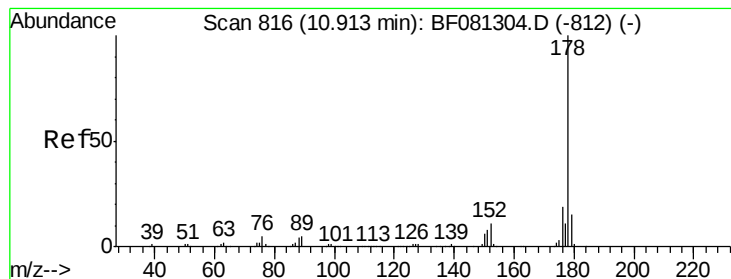
#66
 4-Bromophenyl-phenylether
 Concen: 4.92 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.24 min
 Lab File: BF081373.D
 Acq: 3 Sep 2015 3:58

Tgt Ion:248 Resp: 8104
 Ion Ratio Lower Upper
 248 100
 250 197.5 78.5 117.7#
 141 753.9 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: 121.05 ng

RT: 10.98 min Scan# 822

Delta R.T. 0.07 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

Instrument :

BNA_F

ClientSampleId :

MGP206BR-29-31

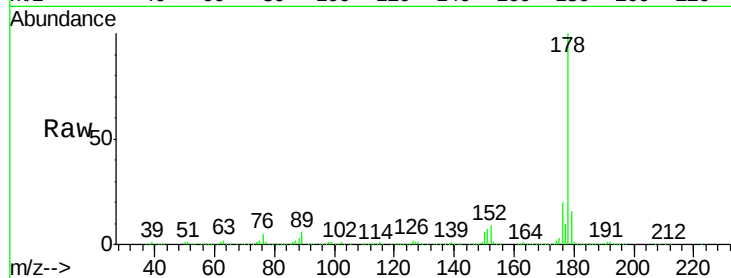
Tot Ion:178 Resp: 1096961

Ion Ratio Lower Upper

178 100

176 19.7 13.8 20.8

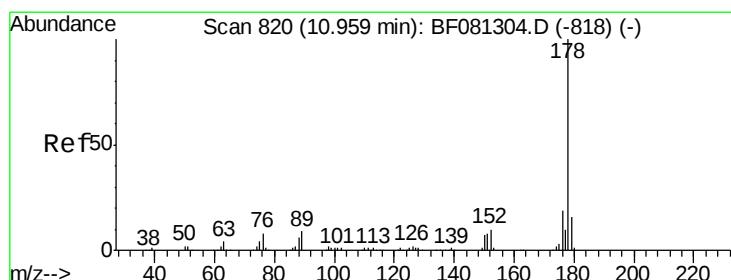
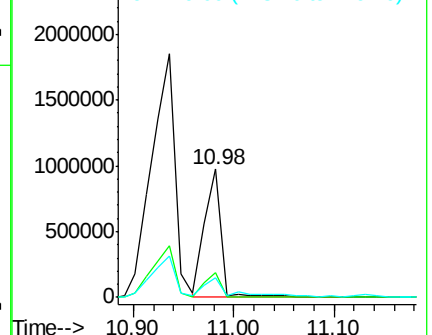
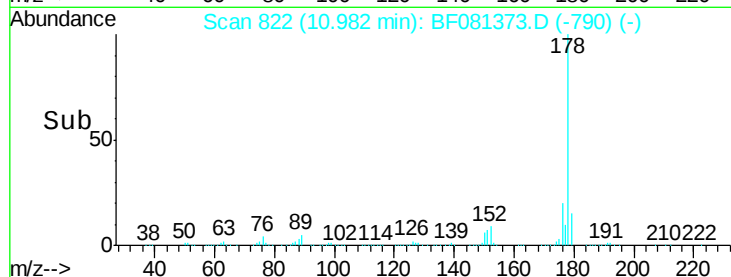
179 15.7 12.2 18.2



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: 117.83 ng

RT: 10.98 min Scan# 822

Delta R.T. 0.02 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

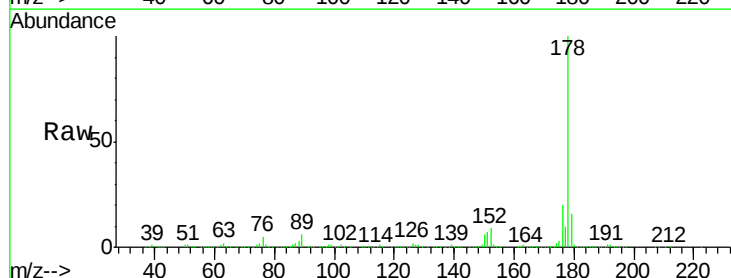
Tgt Ion:178 Resp: 1096961

Ion Ratio Lower Upper

178 100

176 19.7 14.1 21.1

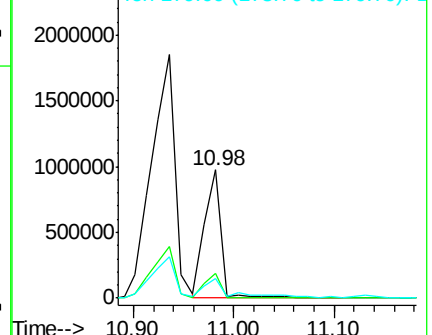
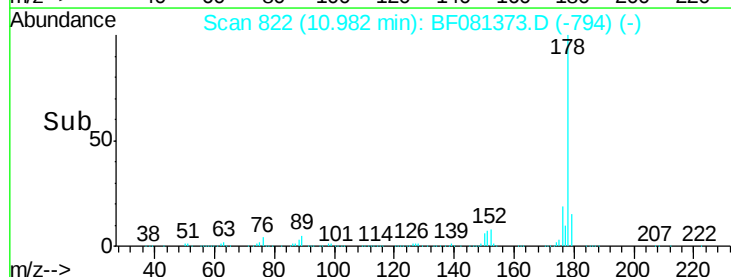
179 15.7 12.2 18.2

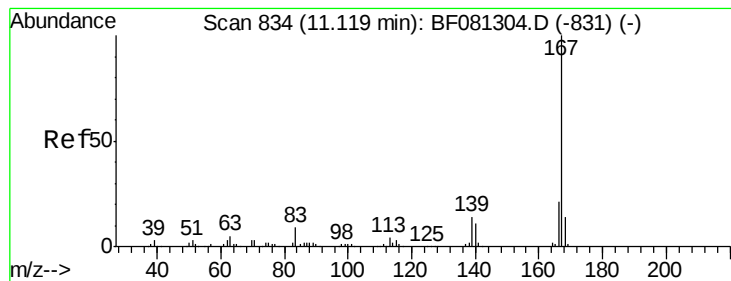


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 5.63 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

Instrument :

BNA_F

ClientSampleId :

MGP206BR-29-31

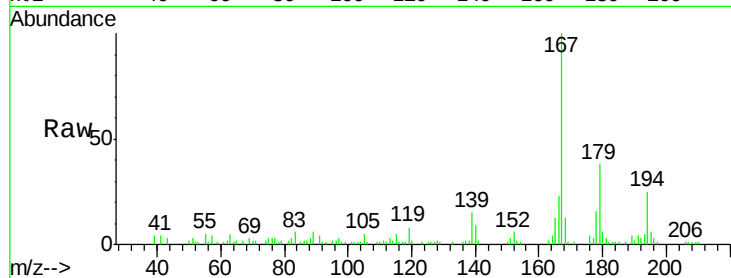
Tot Ion:167 Resp: 49160

Ion Ratio Lower Upper

167 100

166 22.9 15.7 23.5

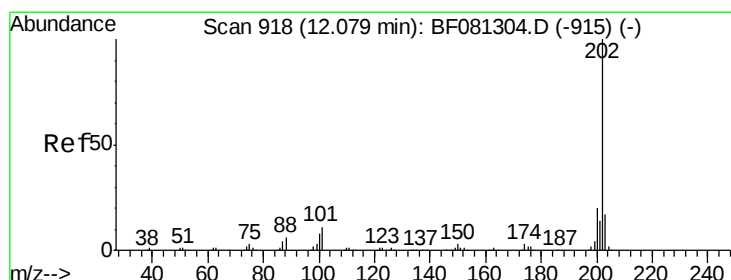
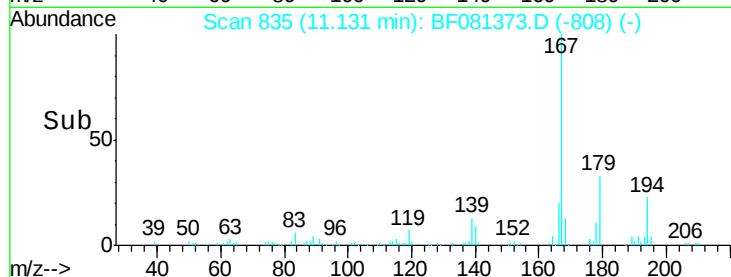
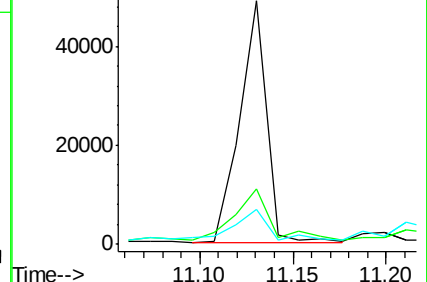
139 14.5 9.5 14.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 92.80 ng

RT: 12.09 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

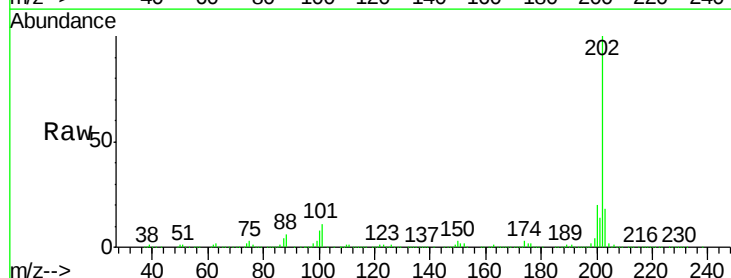
Tgt Ion:202 Resp: 910397

Ion Ratio Lower Upper

202 100

101 11.0 0.0 38.3

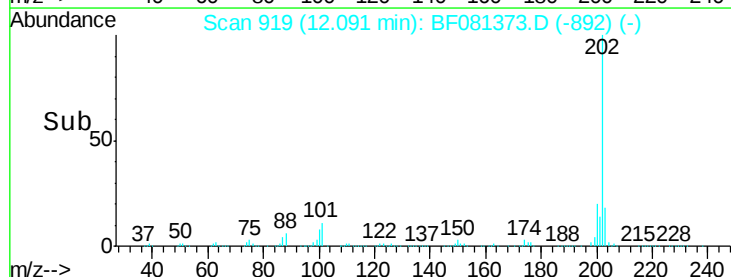
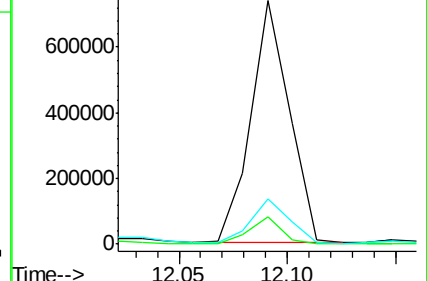
203 18.4 0.0 37.3

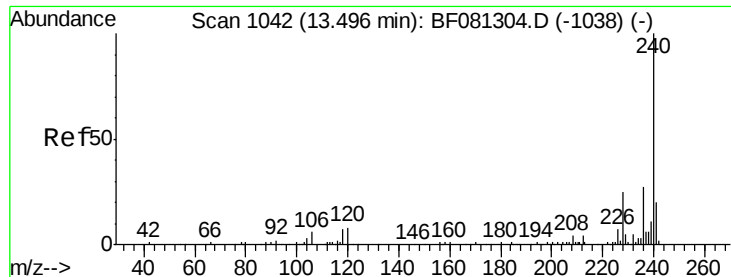


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.50 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

Instrument :

BNA_F

ClientSampleId :

MGP206BR-29-31

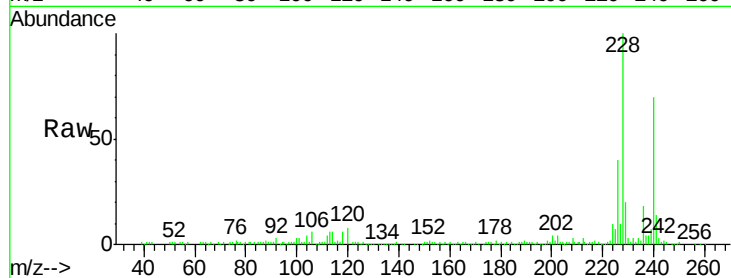
Tot Ion:240 Resp: 104445

Ion Ratio Lower Upper

240 100

120 10.8 16.2 24.2#

236 26.2 18.4 27.6

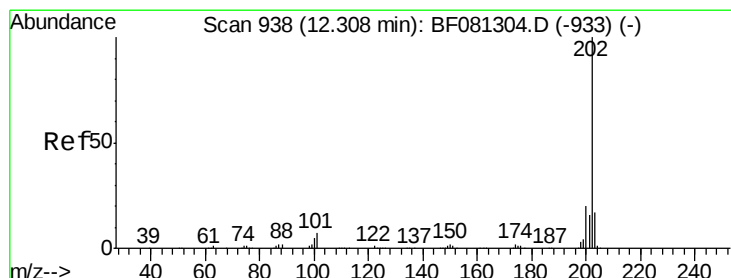
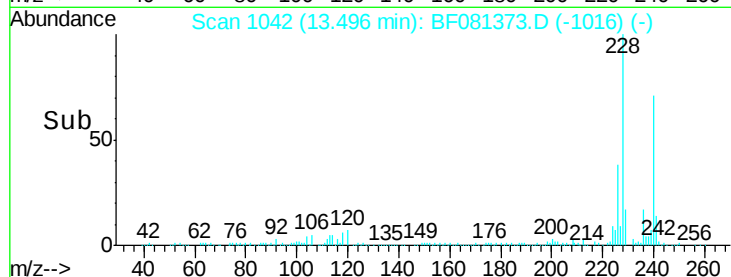
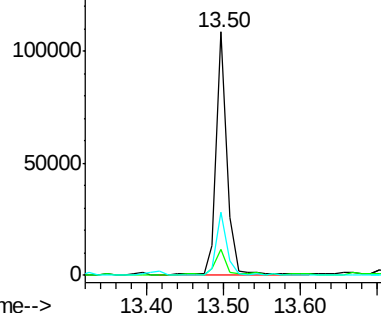


Abundance

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



#77

Pyrene

Concen: 160.38 ng

RT: 12.32 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

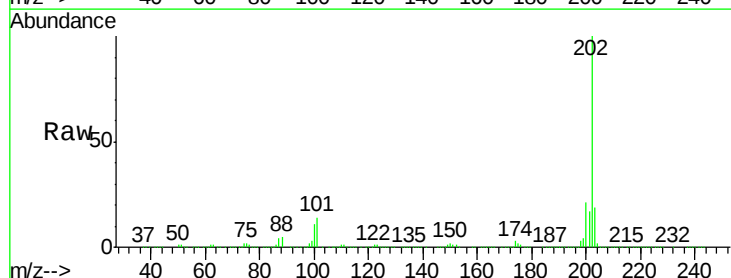
Tgt Ion:202 Resp: 1240802

Ion Ratio Lower Upper

202 100

200 21.0 15.0 22.4

203 18.8 14.1 21.1

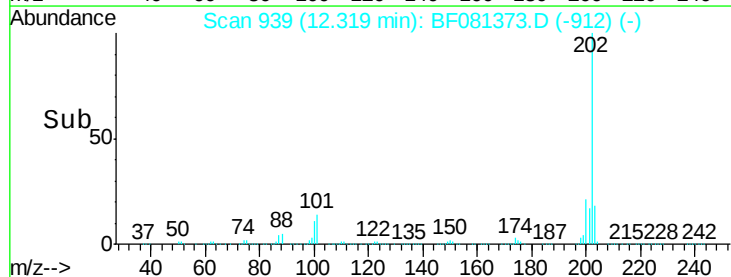
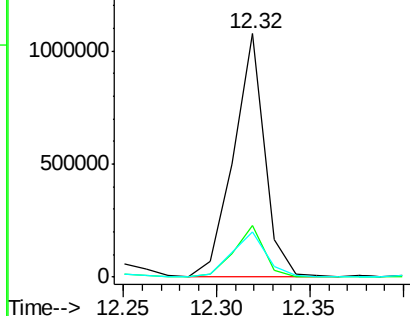


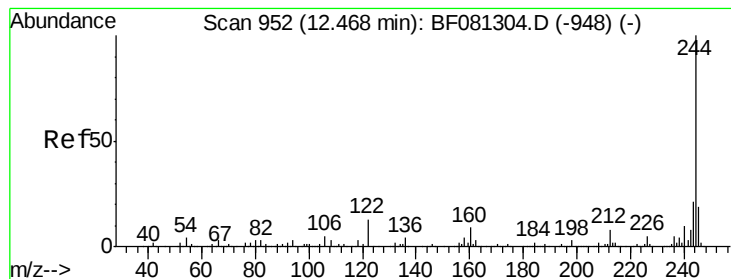
Abundance

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: 119.08 ng

RT: 12.48 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

Instrument :

BNA_F

ClientSampleId :

MGP206BR-29-31

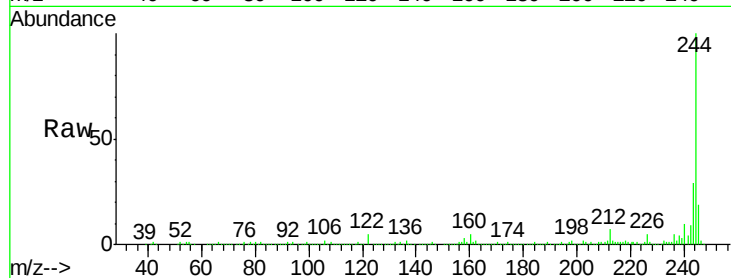
Tot Ion:244 Resp: 534273

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

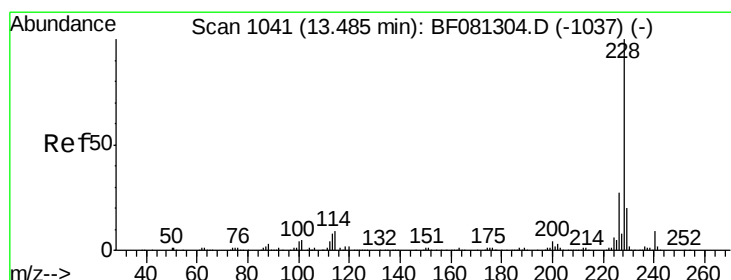
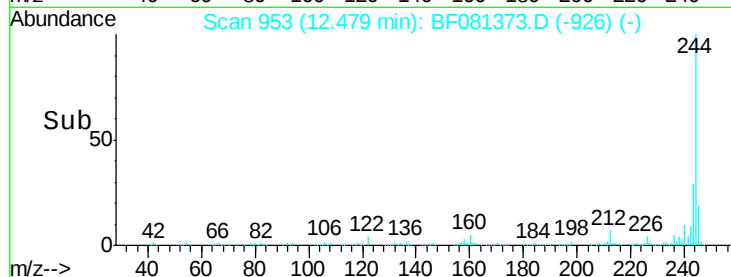
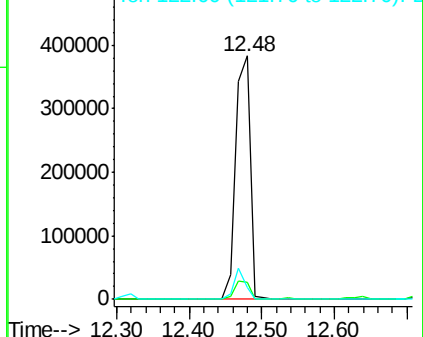
122 4.7 17.4 26.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 54.12 ng

RT: 13.49 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

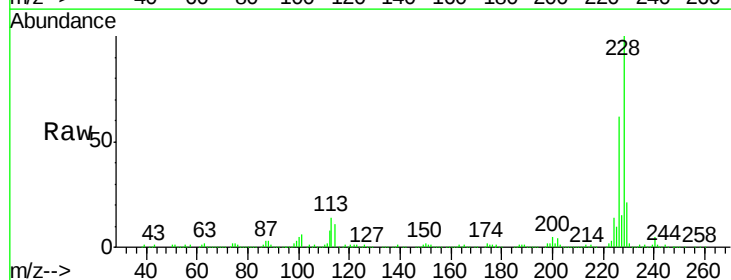
Tgt Ion:228 Resp: 359990

Ion Ratio Lower Upper

228 100

226 62.0 20.0 30.0#

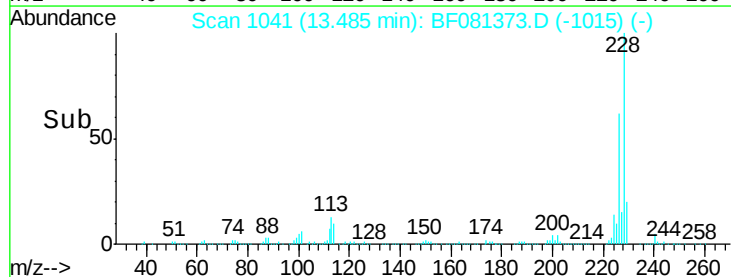
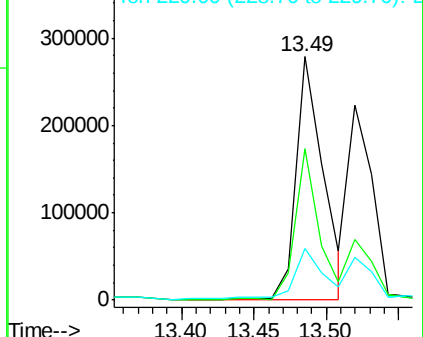
229 21.1 15.4 23.2

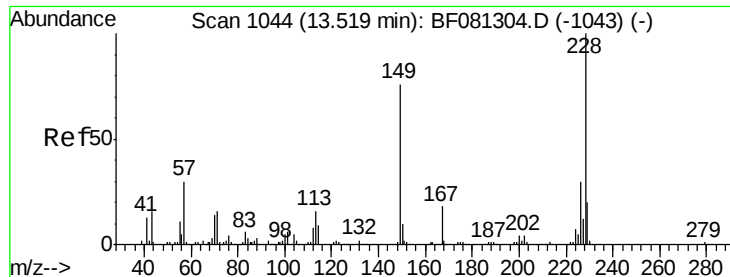


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 43.09 ng

RT: 13.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

Instrument :

BNA_F

ClientSampleId :

MGP206BR-29-31

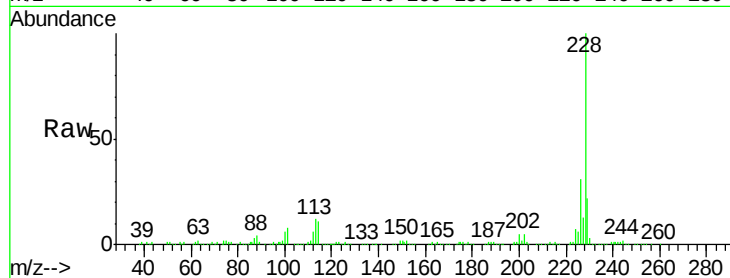
Tot Ion:228 Resp: 256922

Ion Ratio Lower Upper

228 100

226 31.3 21.0 31.4

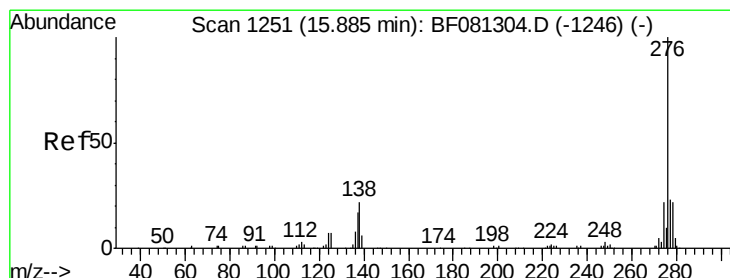
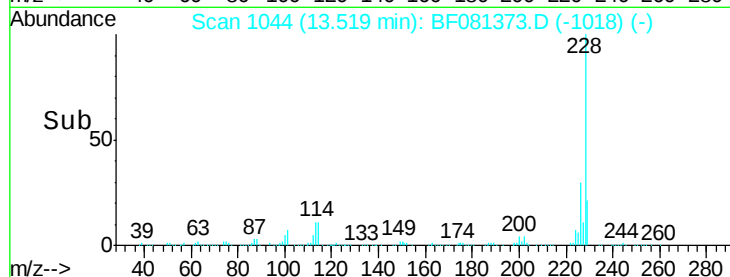
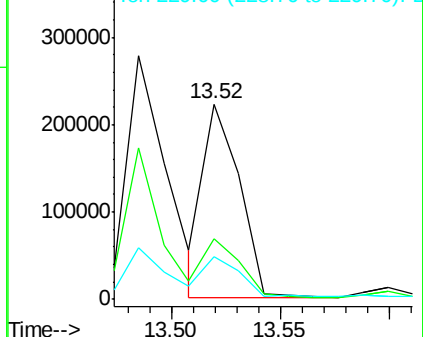
229 22.1 15.6 23.4



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 13.29 ng

RT: 15.90 min Scan# 1252

Delta R.T. 0.01 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

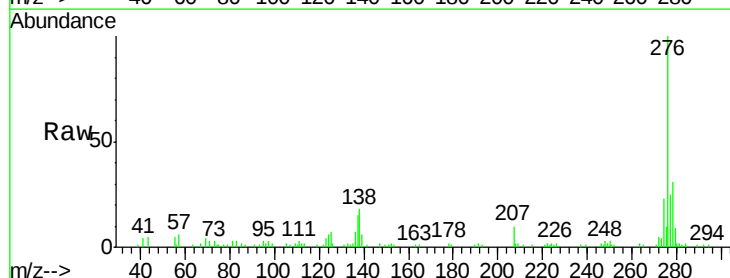
Tgt Ion:276 Resp: 58127

Ion Ratio Lower Upper

276 100

138 21.7 25.7 38.5#

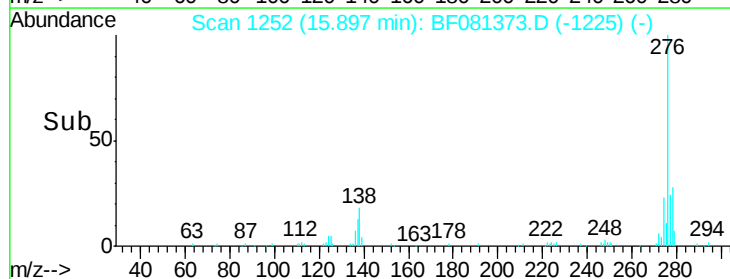
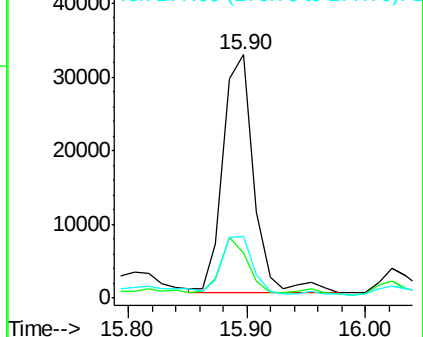
277 25.2 15.6 23.4#

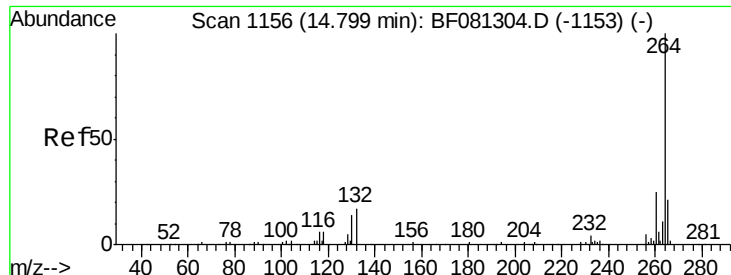


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 14.81 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

Instrument :

BNA_F

ClientSampleId :

MGP206BR-29-31

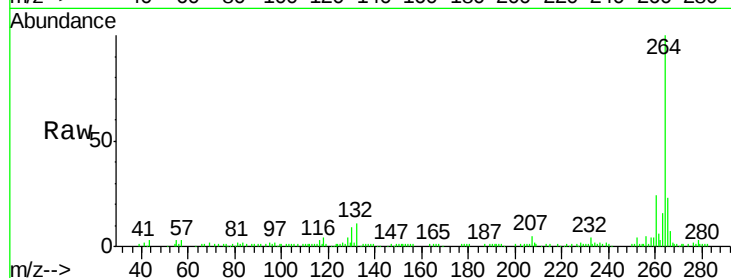
Tot Ion:264 Resp: 89485

Ion Ratio Lower Upper

264 100

260 23.5 16.7 25.1

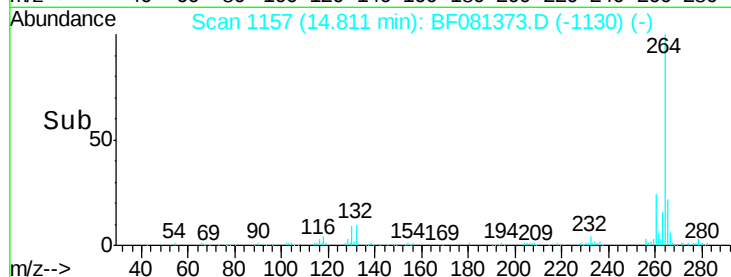
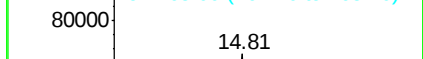
265 23.5 17.2 25.8



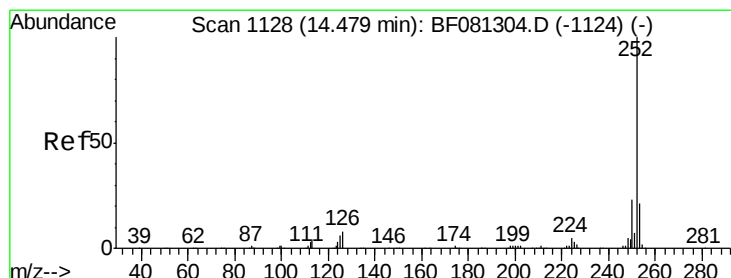
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#87

Benzo(b)fluoranthene

Concen: 33.25 ng

RT: 14.48 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

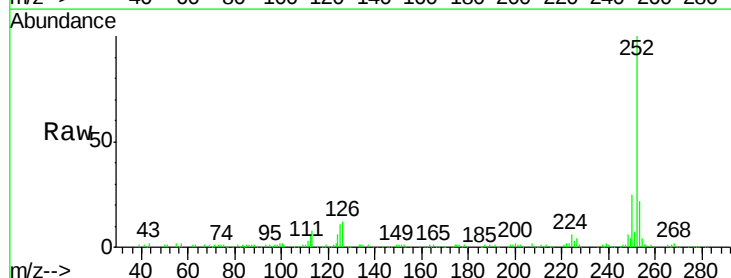
Tgt Ion:252 Resp: 212407

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

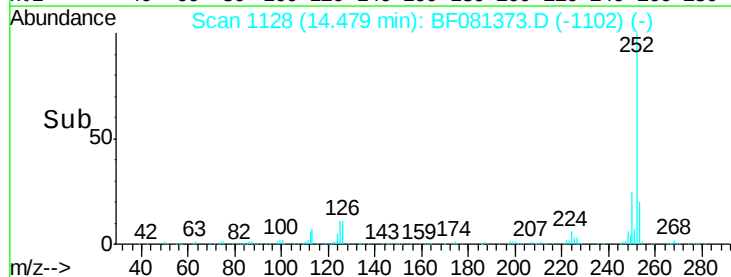
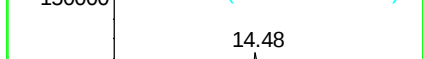
125 11.3 17.1 25.7#



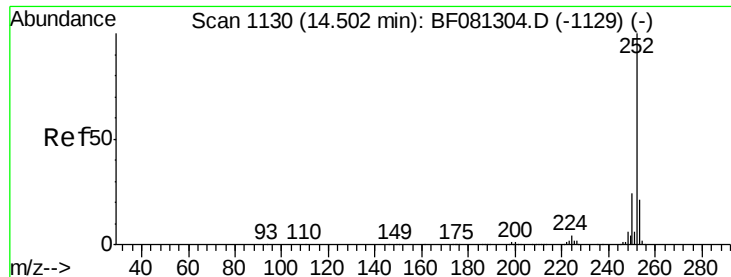
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



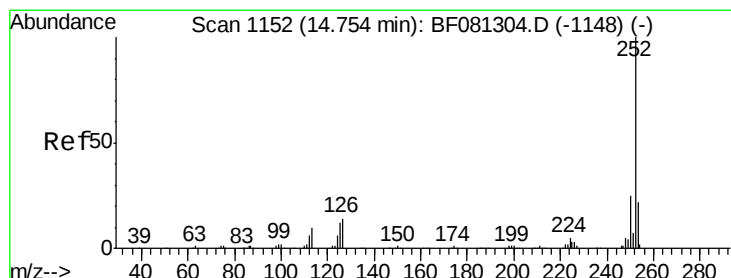
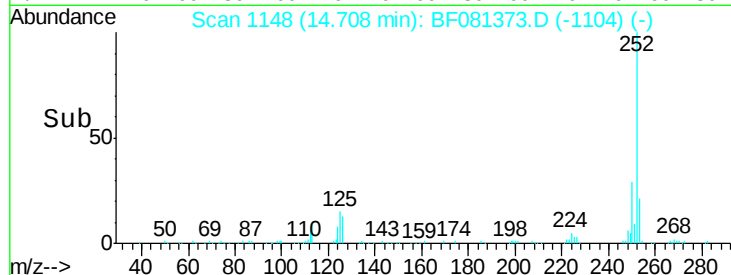
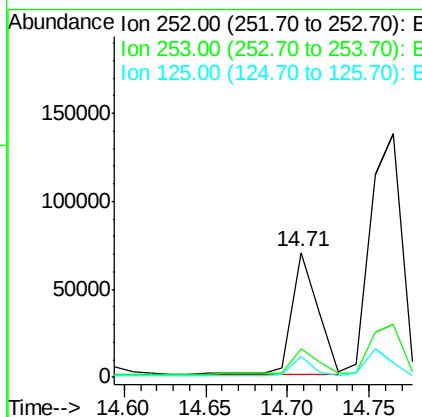
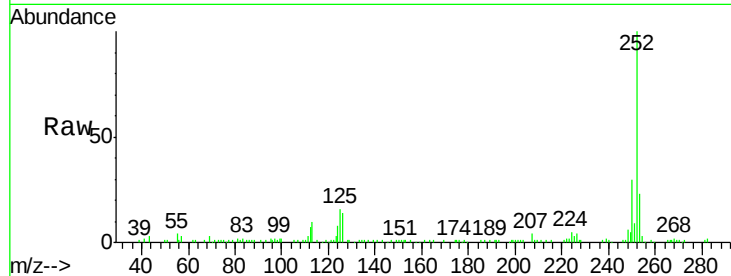
Time-->



#88
Benzo(k)fluoranthene
Concen: 14.67 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.21 min
Lab File: BF081373.D
Acq: 3 Sep 2015 3:58

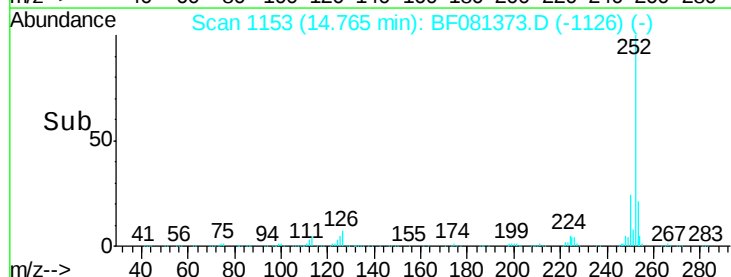
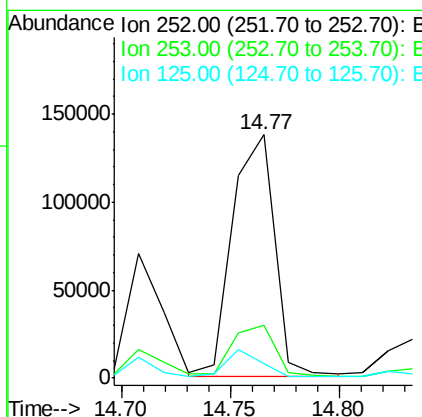
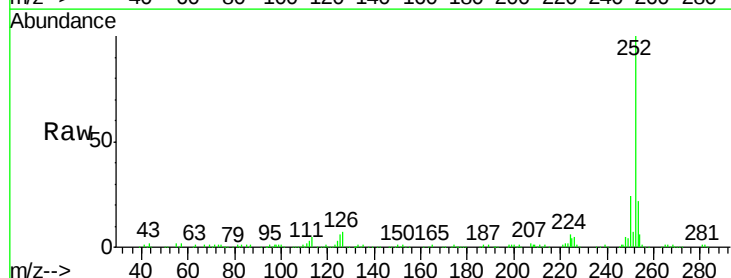
Instrument :
BNA_F
ClientSampleId :
MGP206BR-29-31

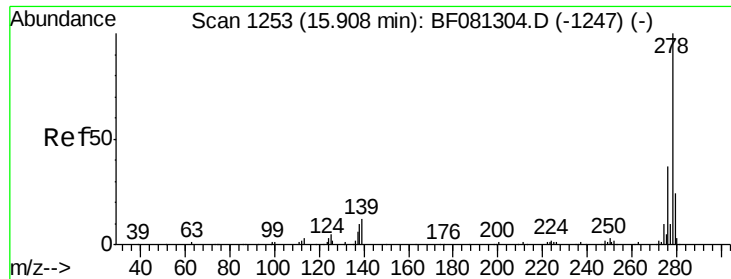
Tot Ion:252 Resp: 77761
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.4
125 16.4 16.0 24.0



#89
Benzo(a)pyrene
Concen: 34.09 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF081373.D
Acq: 3 Sep 2015 3:58

Tgt Ion:252 Resp: 184531
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 5.7 18.0 27.0#





#90

Dibenzo(a,h)anthracene

Concen: 4.31 ng

RT: 15.90 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

Instrument :

BNA_F

ClientSampleId :

MGP206BR-29-31

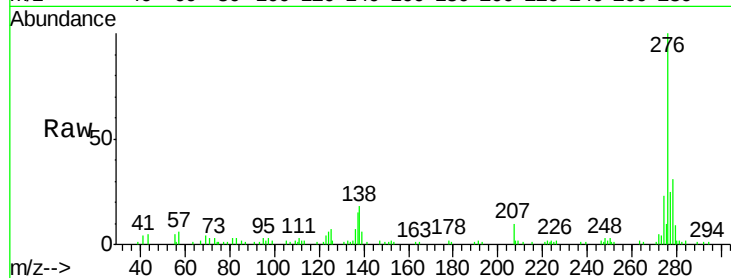
Tot Ion:278 Resp: 18013

Ion Ratio Lower Upper

278 100

139 17.8 26.3 39.5#

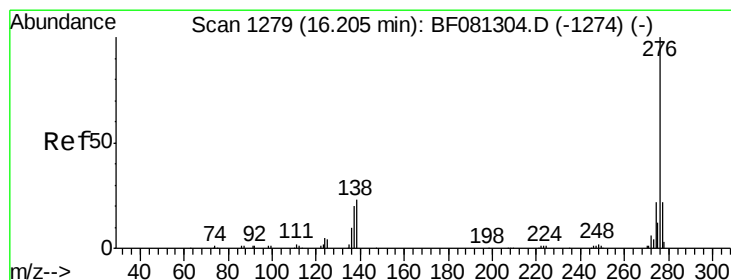
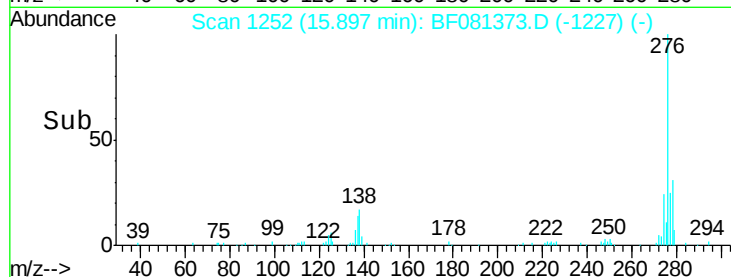
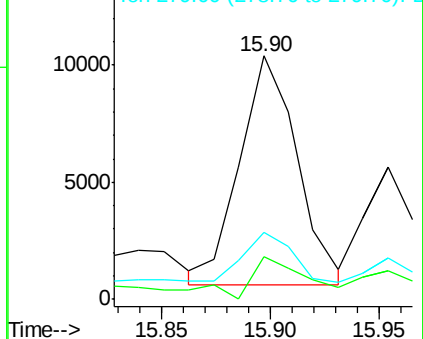
279 27.5 18.2 27.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 12.94 ng

RT: 16.22 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF081373.D

Acq: 3 Sep 2015 3:58

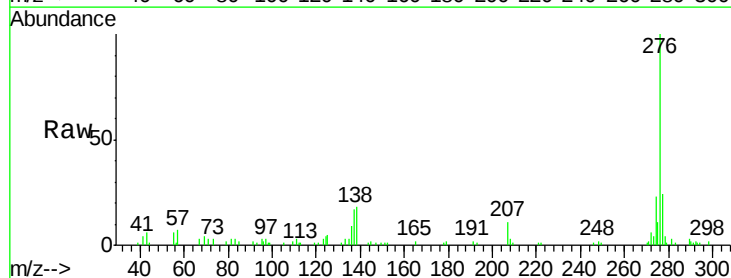
Tgt Ion:276 Resp: 51667

Ion Ratio Lower Upper

276 100

277 23.8 17.8 26.6

138 18.4 34.6 51.8#



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

