

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092716\
 Data File : BF090273.D
 Acq On : 28 Sep 2016 00:59
 Operator : UM/SJ
 Sample : H4949-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-6-2-LOC-6(10-15)

Quant Time: Sep 28 01:28:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	133309	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	508161	20.00	ng	-0.01
38) Acenaphthene-d10	9.51	164	266968	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	345349	20.00	ng	-0.01
75) Chrysene-d12	13.60	240	246121	20.00	ng	0.00
86) Perylene-d12	14.91	264	251854	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.04	112	739888	90.47	ng	0.01
7) Phenol-d6	6.14	99	989947	98.01	ng	0.00
23) Nitrobenzene-d5	7.05	82	583995	66.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	164969	72.03	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	910711	66.97	ng	-0.01
78) Terphenyl-d14	12.56	244	542765	55.99	ng	0.00

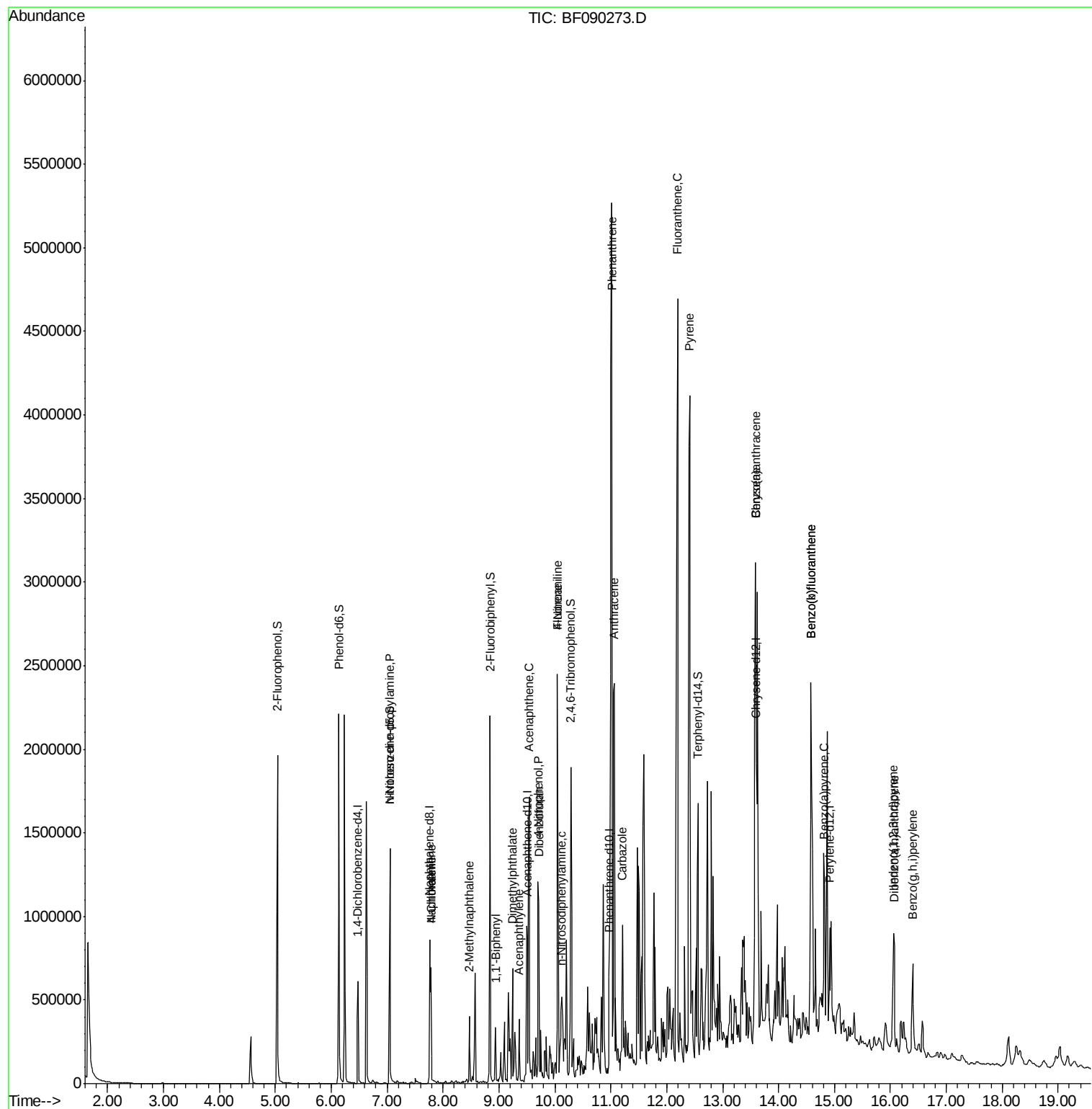
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.05	70	68387	11.53	ng	# 76
31) Naphthalene	7.78	128	311377	12.87	ng	99
33) 4-Chloroaniline	7.78	127	39761	3.96	ng	# 30
37) 2-Methylnaphthalene	8.47	142	141842	9.43	ng	100
45) 1,1'-Biphenyl	8.94	154	95695	5.01	ng	96
48) Acenaphthylene	9.36	152	108763	4.75	ng	# 96
49) Dimethylphthalate	9.24	163	325981	19.17	ng	100
51) Acenaphthene	9.54	154	582217	42.86	ng	98
54) Dibenzofuran	9.71	168	664654	37.18	ng	93
55) 4-Nitrophenol	9.70	139	245169	80.54	ng	# 19
57) Fluorene	10.04	166	847666	62.92	ng	99
61) 4-Nitroaniline	10.04	138	9112	2.01	ng	# 30
65) n-Nitrosodiphenylamine	10.11	169	37853	3.33	ng	# 1
70) Phenanthrene	11.02	178	3302741	204.49	ng	98
71) Anthracene	11.06	178	1469256	86.73	ng	100
72) Carbazole	11.21	167	374889	20.93	ng	98
74) Fluoranthene	12.19	202	2983299	172.08	ng	97
77) Pyrene	12.41	202	2534883	150.51	ng	# 92
80) Benzo(a)anthracene	13.59	228	1452704	109.71	ng	98
82) Chrysene	13.59	228	1452704	112.62	ng	97
85) Indeno(1,2,3-cd)pyrene	16.06	276	473106	45.36	ng	# 90
87) Benzo(b)fluoranthene	14.58	252	1749927	125.48	ng	97
88) Benzo(k)fluoranthene	14.58	252	1749927	133.70	ng	# 96
89) Benzo(a)pyrene	14.82	252	635540	48.45	ng	94
90) Dibenzo(a,h)anthracene	16.07	278	156961	15.33	ng	96
91) Benzo(g,h,i)perylene	16.40	276	392579	39.18	ng	95

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

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

Instrument :

BNA_F

ClientSampleId :

S-6-2-LOC-6(10-15)

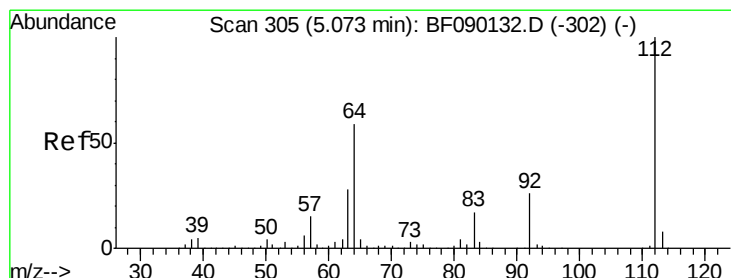
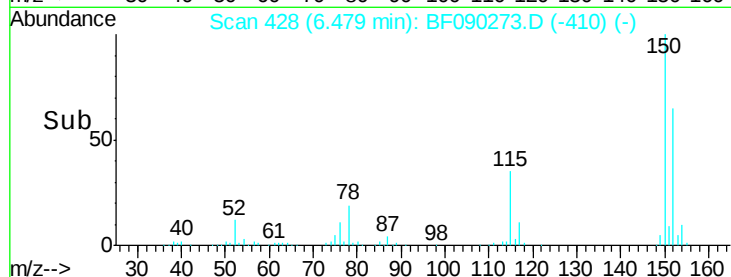
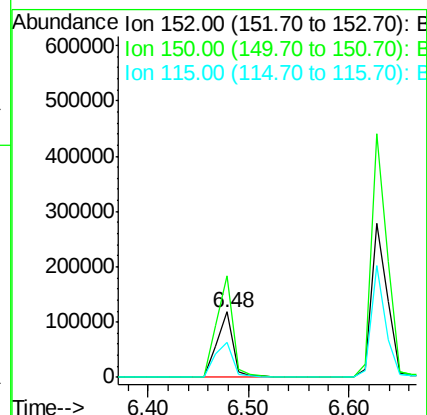
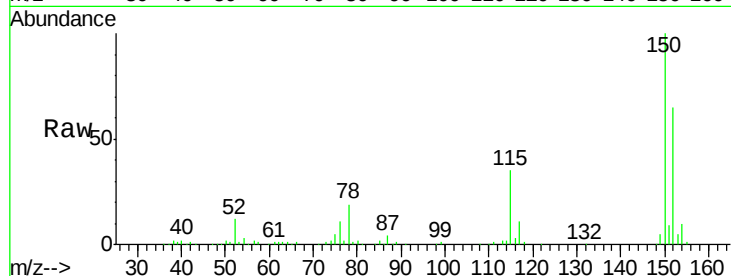
Tgt Ion:152 Resp: 133309

Ion Ratio Lower Upper

152 100

150 154.4 128.9 193.3

115 53.6 55.5 83.3#



#5

2-Fluorophenol

Concen: 90.47 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

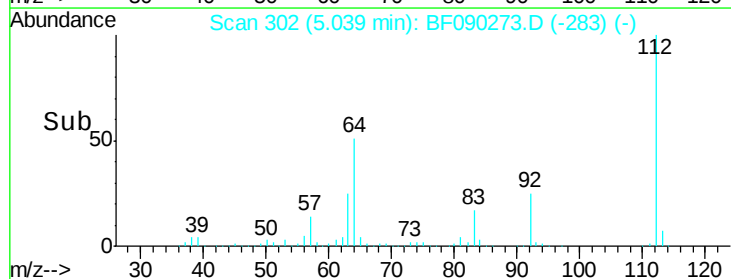
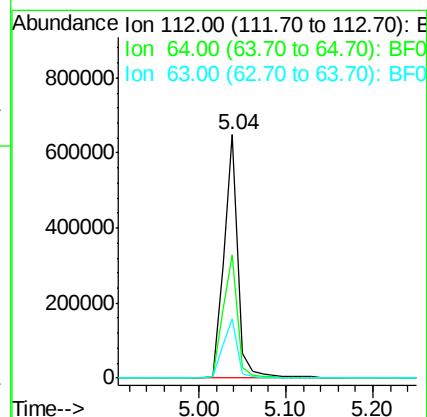
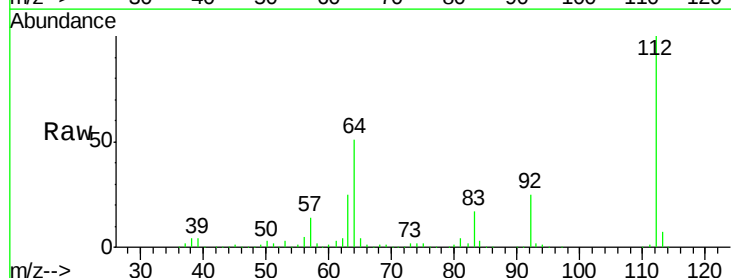
Tgt Ion:112 Resp: 739888

Ion Ratio Lower Upper

112 100

64 50.6 39.8 59.6

63 24.5 18.9 28.3





#7

Phenol-d6

Concen: 98.01 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

Instrument :

BNA_F

ClientSampleId :

S-6-2-LOC-6(10-15)

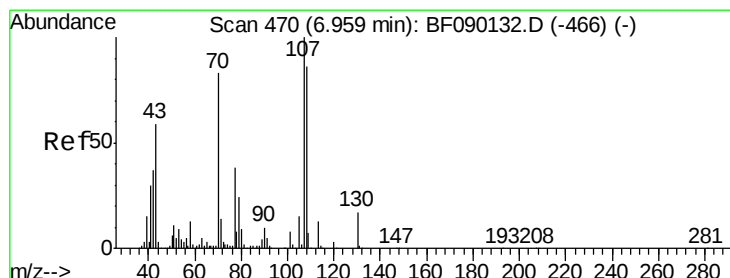
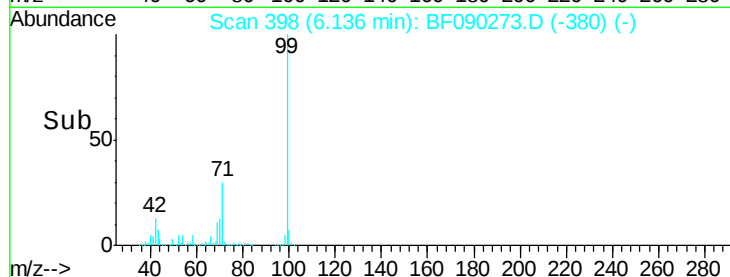
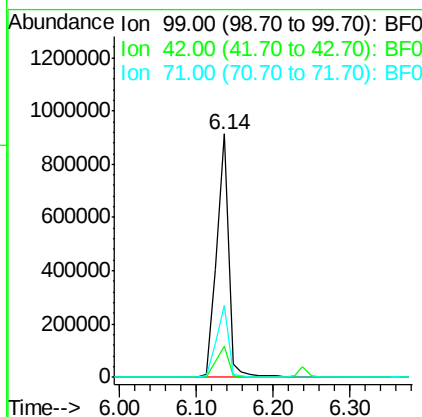
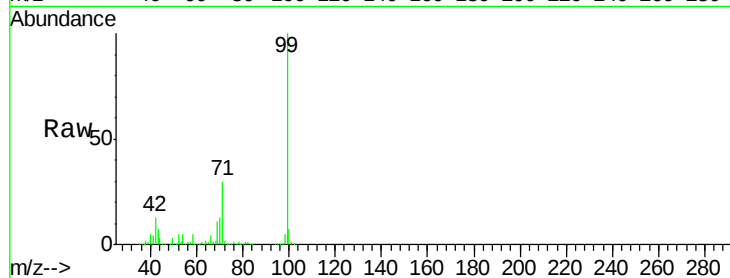
Tgt Ion: 99 Resp: 989947

Ion Ratio Lower Upper

99 100

42 12.7 10.6 15.8

71 29.7 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 11.53 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.14 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

Tgt Ion: 70 Resp: 68387

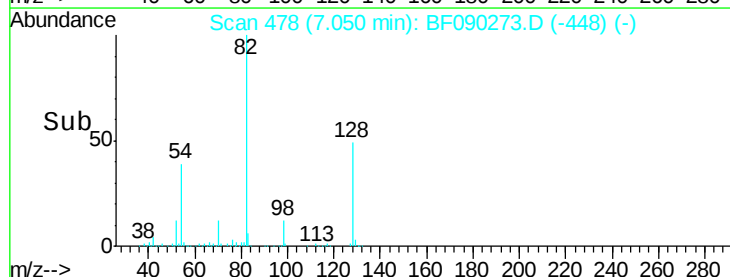
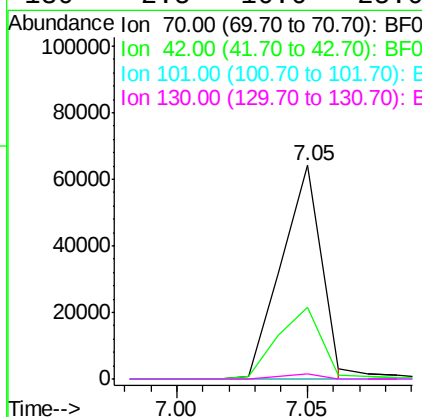
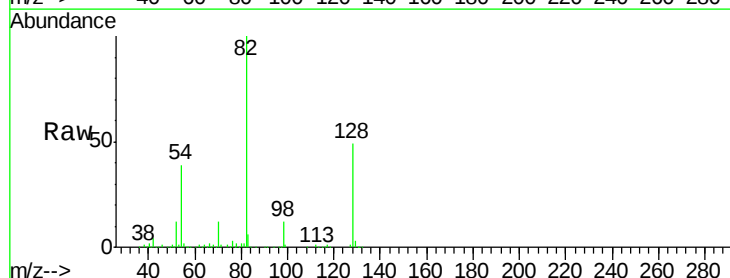
Ion Ratio Lower Upper

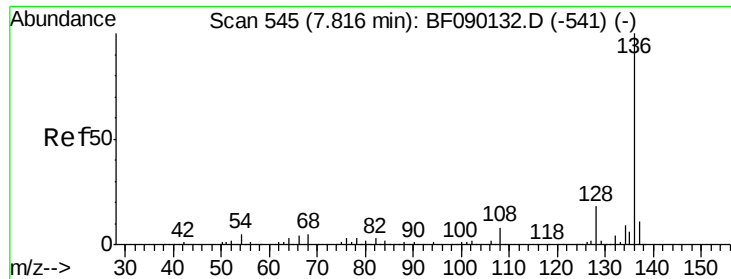
70 100

42 33.8 35.1 52.7#

101 0.0 7.5 11.3#

130 2.5 16.6 25.0#

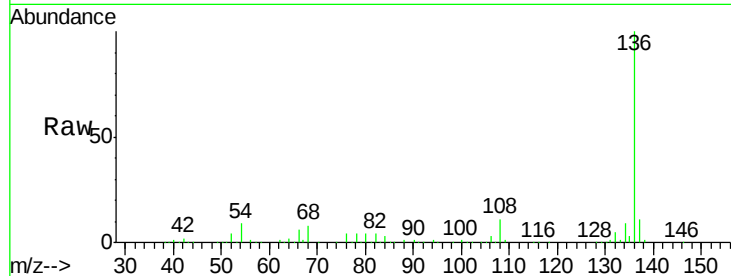




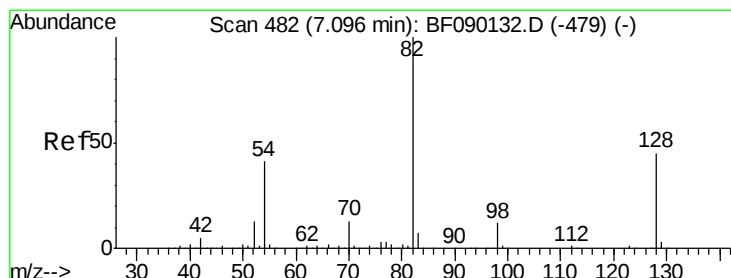
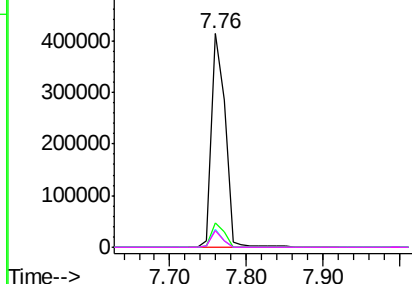
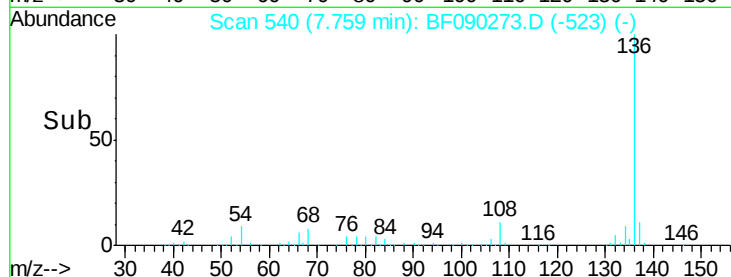
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF090273.D
Acq: 28 Sep 2016 00:59

Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)

Tgt Ion:	136	Resp:	508161
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	8.6	6.4	9.6
68	8.0	6.3	9.5

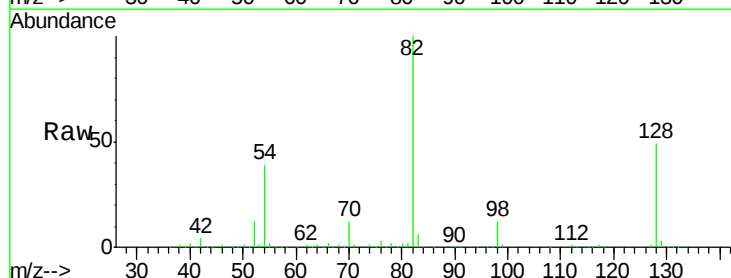


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

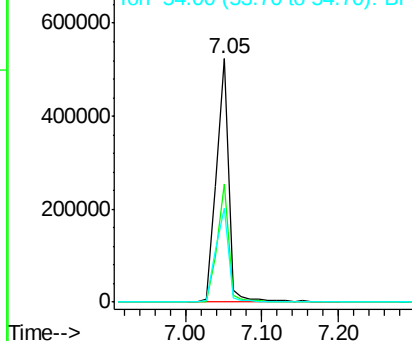
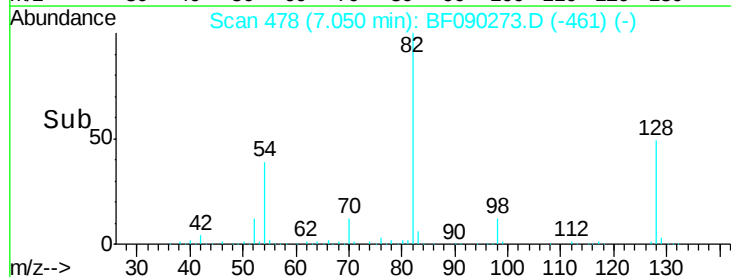


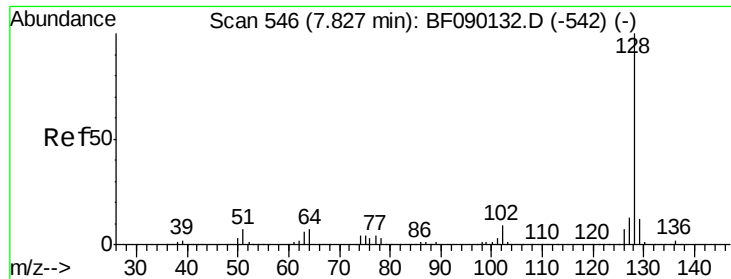
#23
Nitrobenzene-d5
Concen: 66.62 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF090273.D
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Tgt Ion:	82	Resp:	583995
Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.5	56.3
54	38.7	31.9	47.9



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

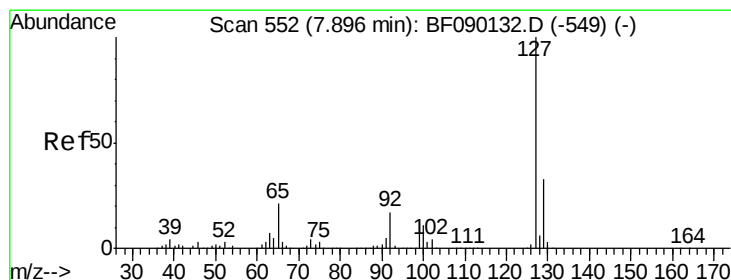
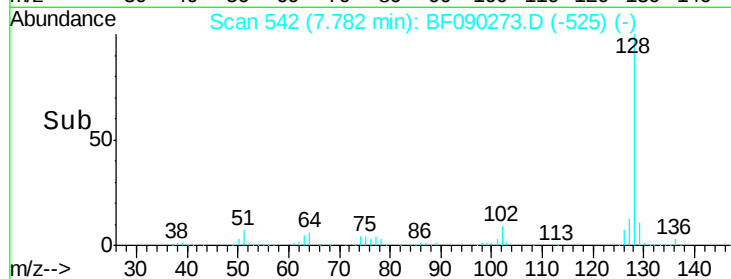
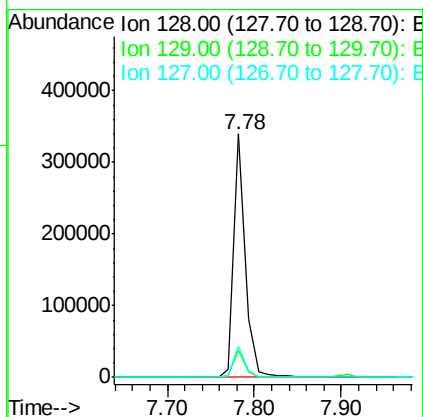
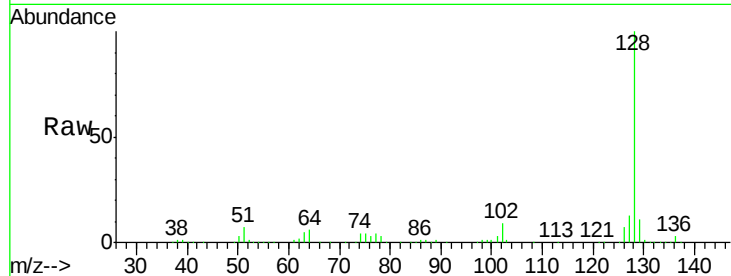




#31
Naphthalene
Concen: 12.87 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF090273.D
Acq: 28 Sep 2016 00:59

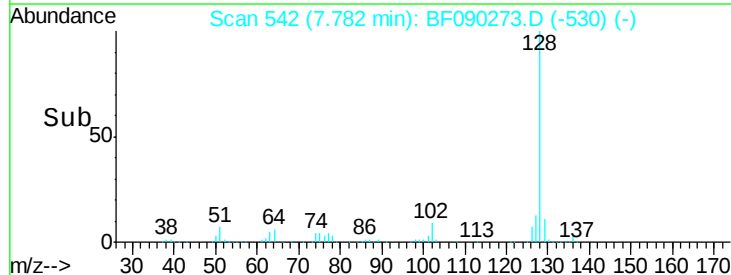
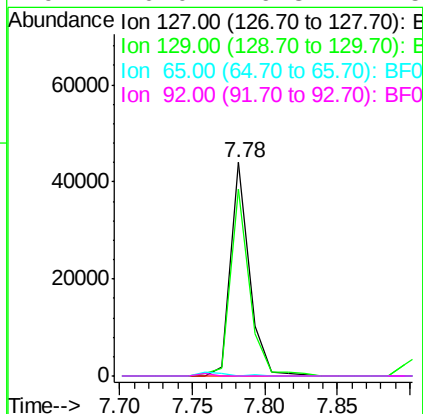
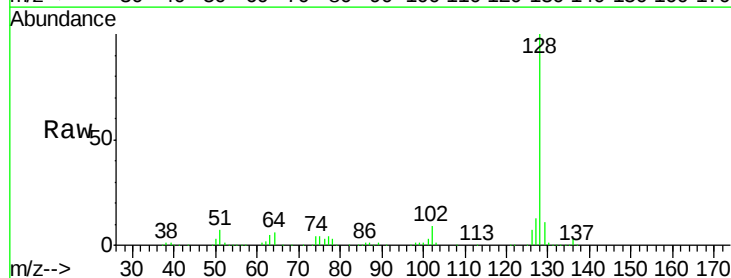
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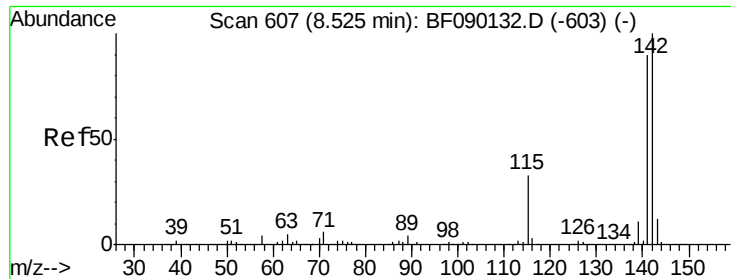
Tgt Ion:128 Resp: 311377
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.0 10.8 16.2



#33
4-Chloroaniline
Concen: 3.96 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.07 min
Lab File: BF090273.D
Acq: 28 Sep 2016 00:59

Tgt Ion:127 Resp: 39761
Ion Ratio Lower Upper
127 100
129 87.4 25.8 38.6#
65 0.0 24.1 36.1#
92 0.0 16.3 24.5#

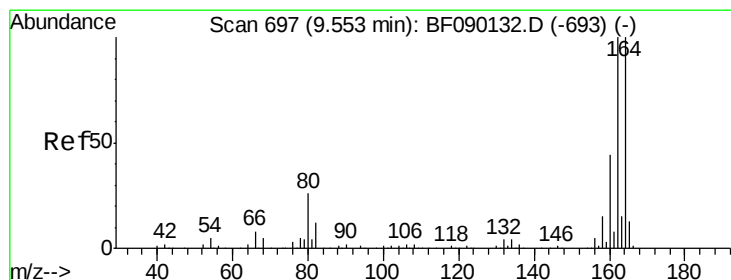
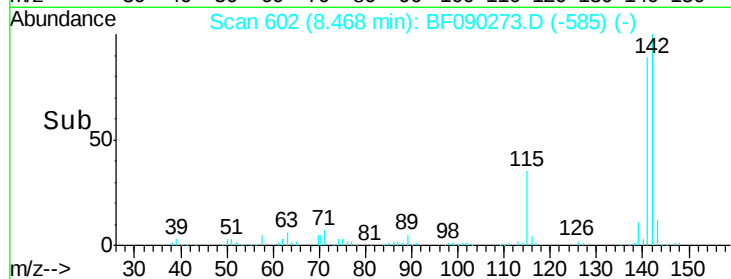
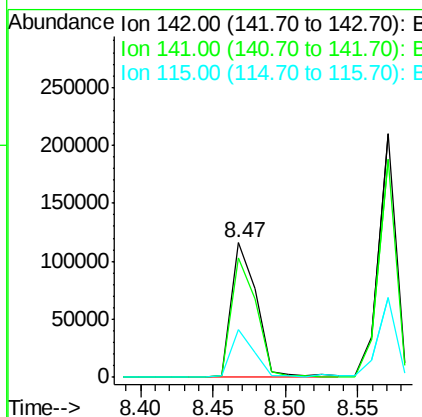
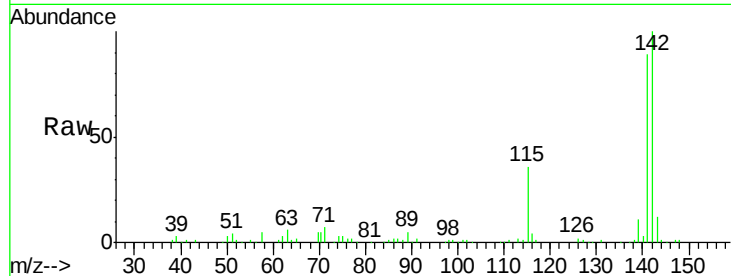




#37
 2-Methylnaphthalene
 Concen: 9.43 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090273.D
 Acq: 28 Sep 2016 00:59

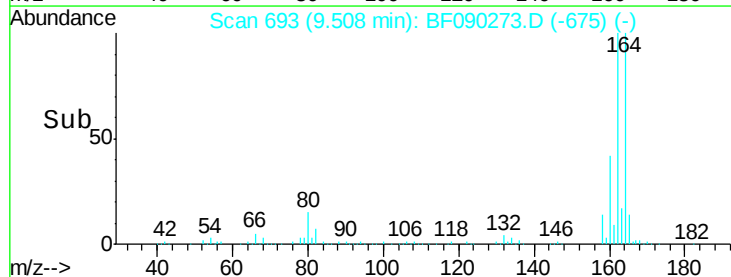
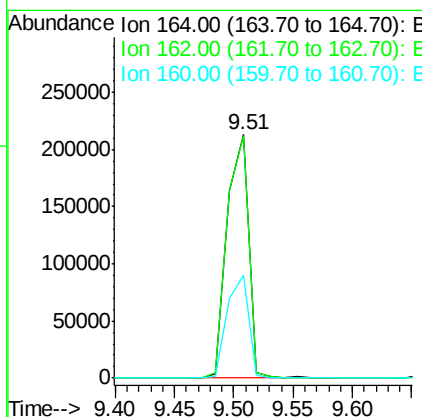
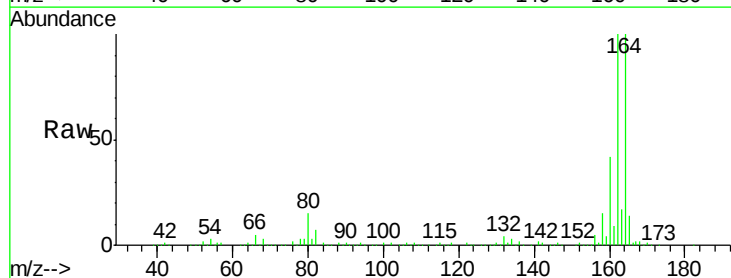
Instrument :
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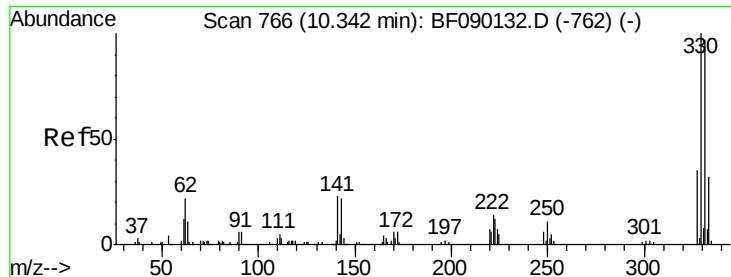
Tgt Ion:142 Resp: 141842
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.4 107.2
 115 35.9 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF090273.D
 Acq: 28 Sep 2016 00:59

Tgt Ion:164 Resp: 266968
 Ion Ratio Lower Upper
 164 100
 162 99.8 81.4 122.2
 160 42.4 36.6 54.8

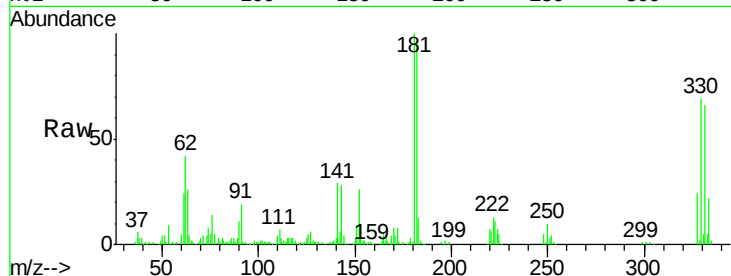




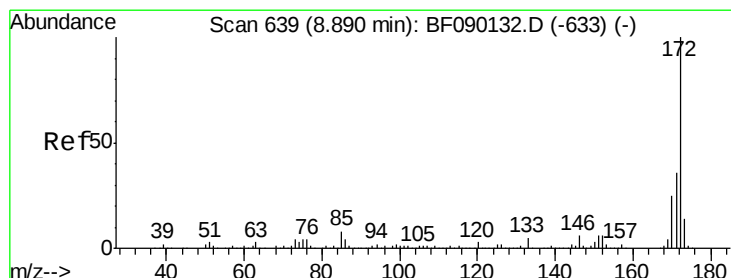
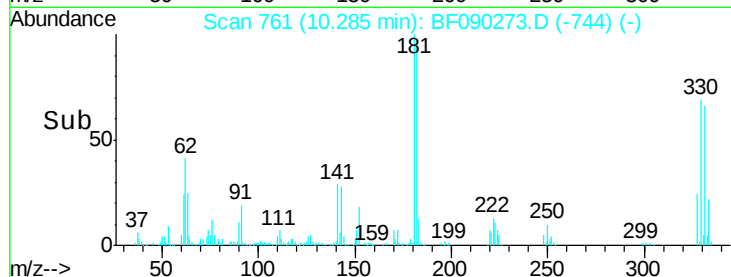
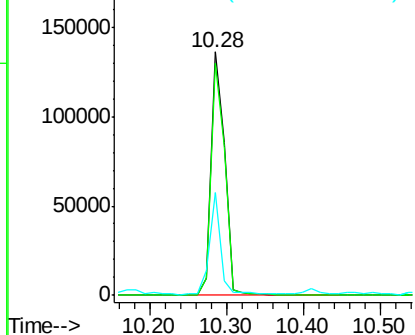
#41
 2,4,6-Tribromophenol
 Concen: 72.03 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF090273.D
 Acq: 28 Sep 2016 00:59

Instrument :
 BNA_F
 ClientSampleId :
 S-6-2-LOC-6(10-15)

Tgt Ion:330 Resp: 164969
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.1 117.1
 141 34.3 23.9 35.9

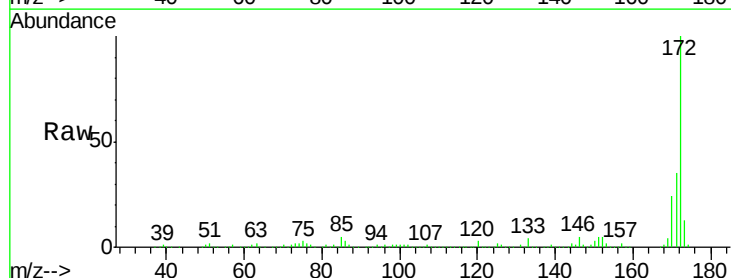


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

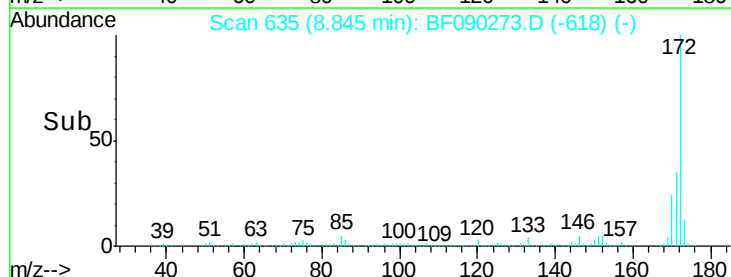
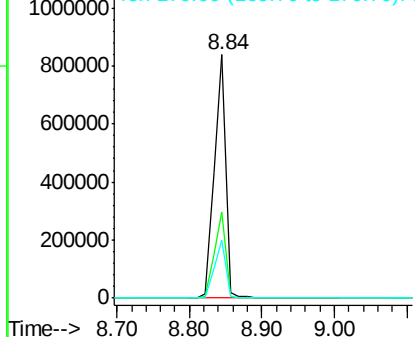


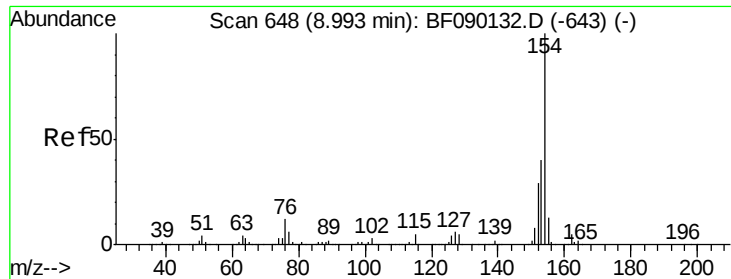
#44
 2-Fluorobiphenyl
 Concen: 66.97 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090273.D
 Acq: 28 Sep 2016 00:59

Tgt Ion:172 Resp: 910711
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.2 43.8
 170 23.6 19.8 29.8



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

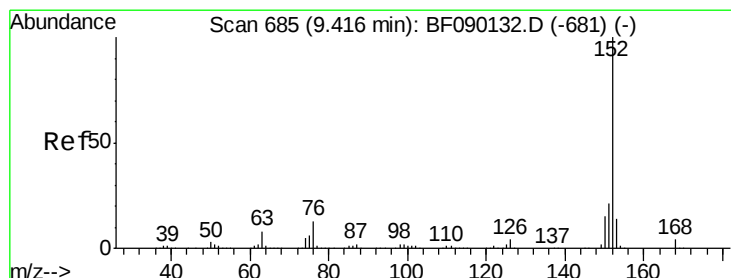
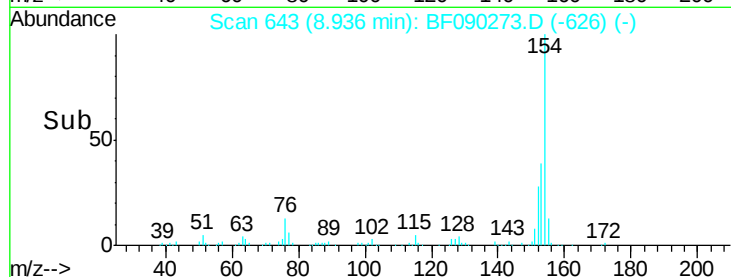
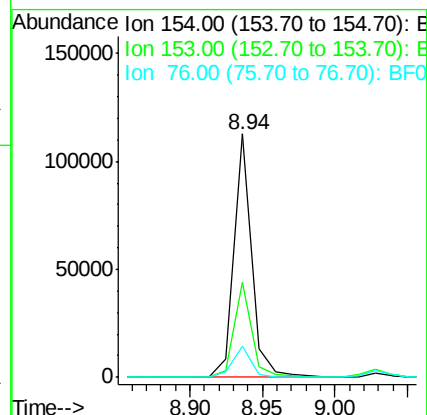
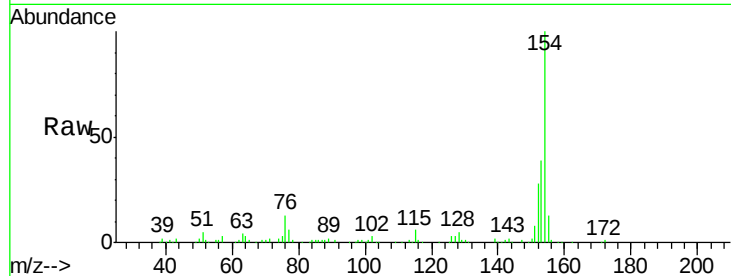




#45
1,1'-Biphenyl
Concen: 5.01 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF090273.D
Acq: 28 Sep 2016 00:59

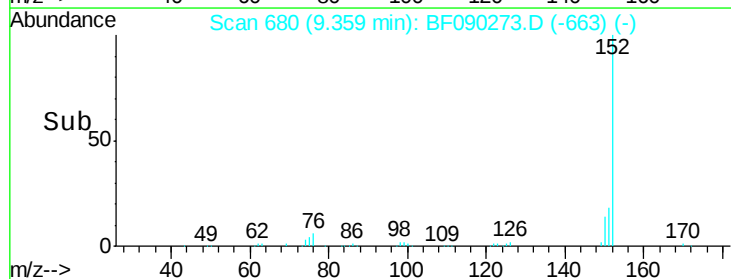
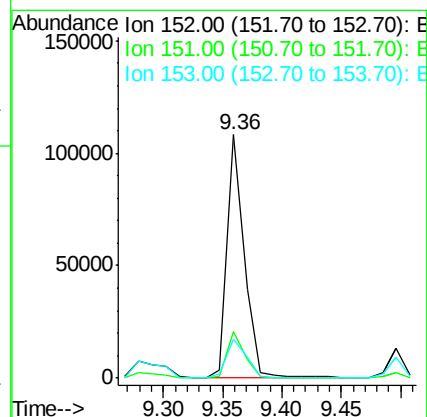
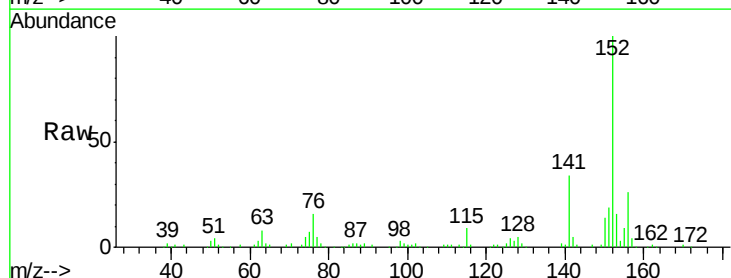
Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)

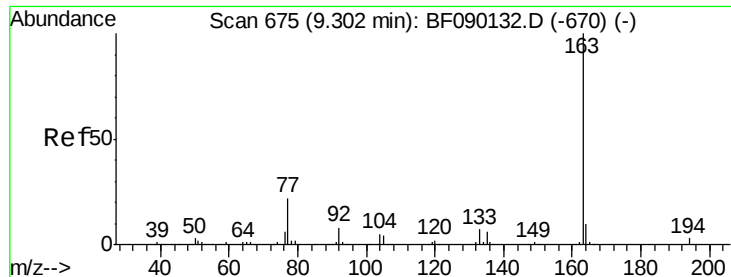
Tgt Ion:	154	Resp:	95695
Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.6	60.6
76	13.0	0.0	36.7



#48
Acenaphthylene
Concen: 4.75 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF090273.D
Acq: 28 Sep 2016 00:59

Tgt Ion:	152	Resp:	108763
Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.5	24.7
153	16.0	10.6	15.8#

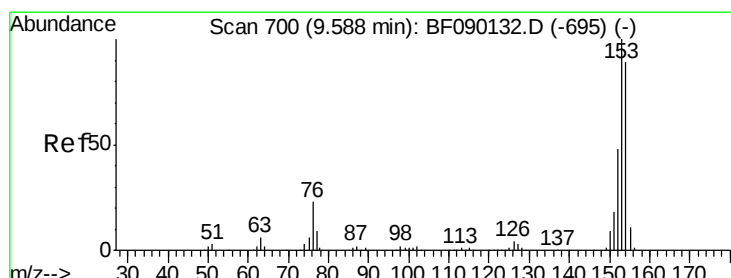
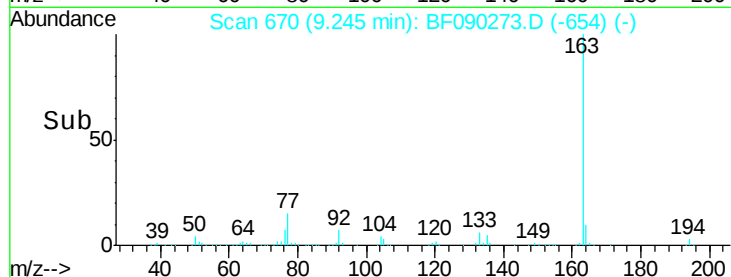
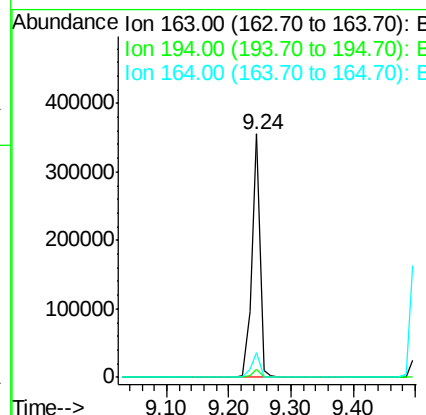
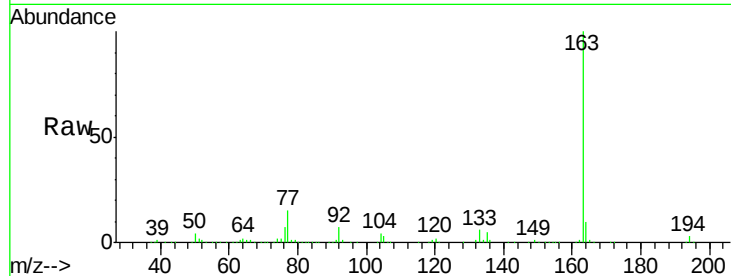




#49
Dimethylphthalate
Concen: 19.17 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF090273.D
Acq: 28 Sep 2016 00:59

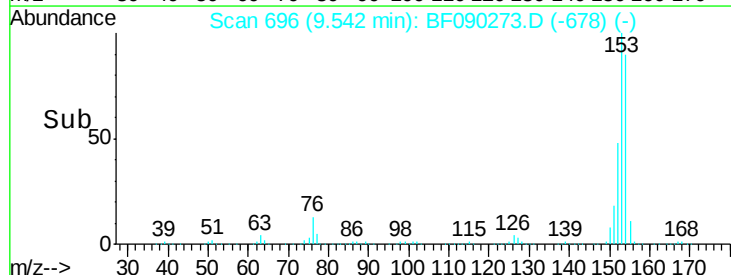
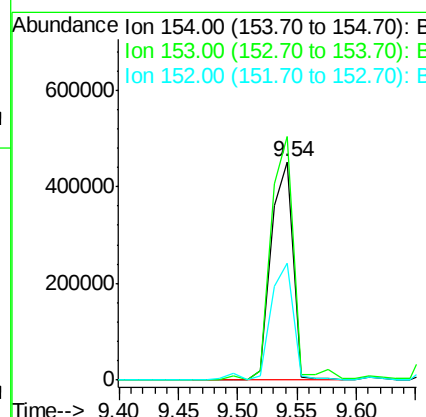
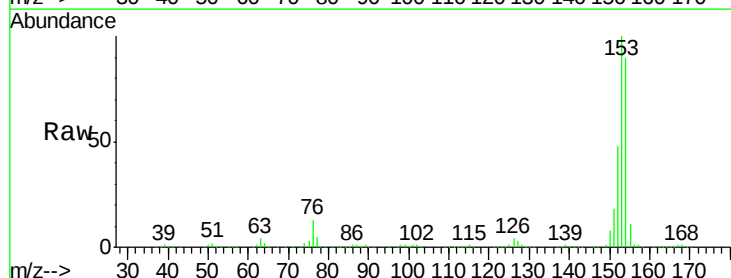
Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)

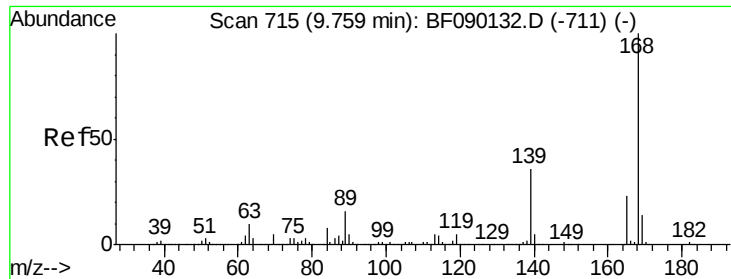
Tgt Ion:163 Resp: 325981
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 9.9 8.1 12.1



#51
Acenaphthene
Concen: 42.86 ng
RT: 9.54 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF090273.D
Acq: 28 Sep 2016 00:59

Tgt Ion:154 Resp: 582217
Ion Ratio Lower Upper
154 100
153 111.5 90.8 136.2
152 53.5 44.2 66.4

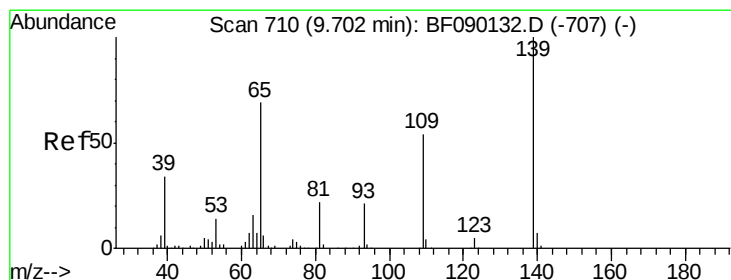
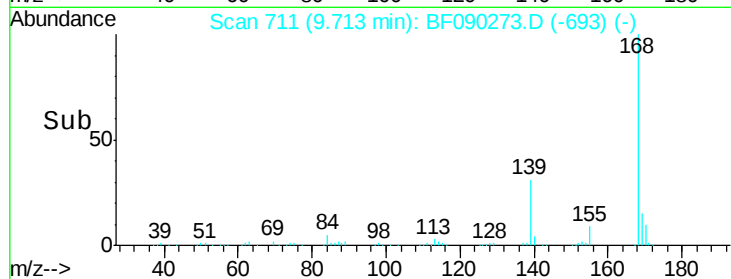
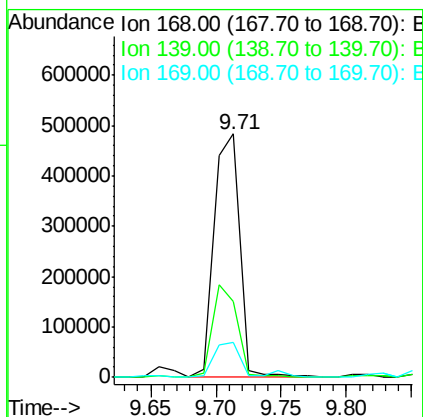
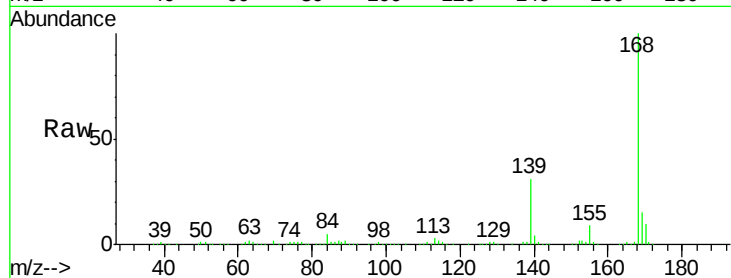




#54
Dibenzofuran
Concen: 37.18 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF090273.D
Acq: 28 Sep 2016 00:59

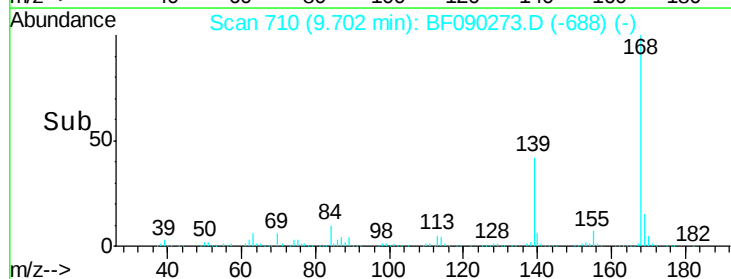
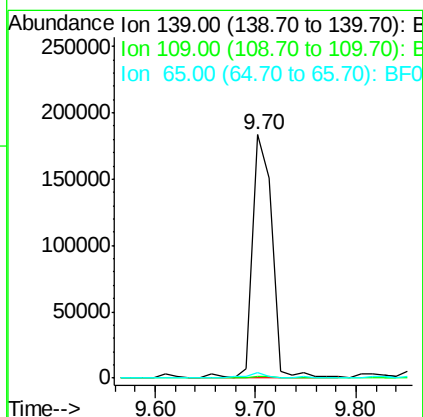
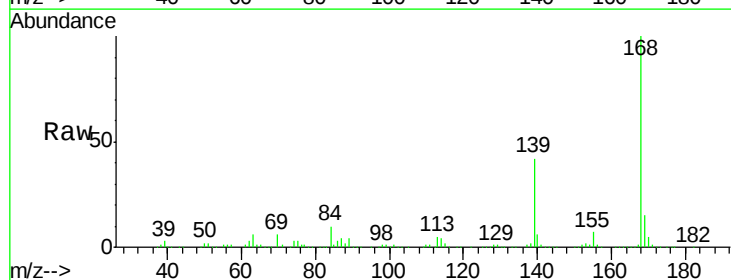
Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)

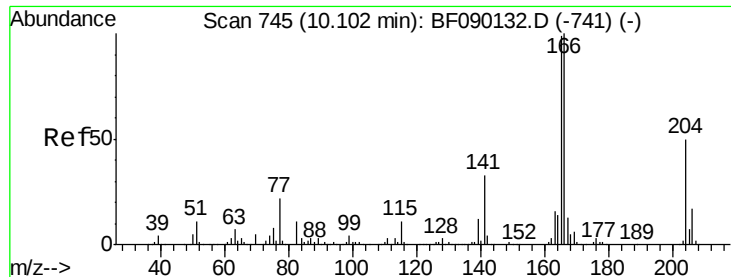
Tgt Ion:168 Resp: 664654
Ion Ratio Lower Upper
168 100
139 31.2 28.8 43.2
169 14.6 10.7 16.1



#55
4-Nitrophenol
Concen: 80.54 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.05 min
Lab File: BF090273.D
Acq: 28 Sep 2016 00:59

Tgt Ion:139 Resp: 245169
Ion Ratio Lower Upper
139 100
109 0.9 35.6 75.6#
65 2.1 55.5 95.5#





#57

Fluorene

Concen: 62.92 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

Instrument :

BNA_F

ClientSampleId :

S-6-2-LOC-6(10-15)

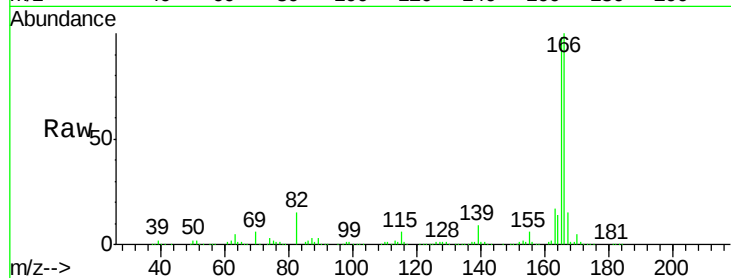
Tgt Ion:166 Resp: 847666

Ion Ratio Lower Upper

166 100

165 98.0 78.5 117.7

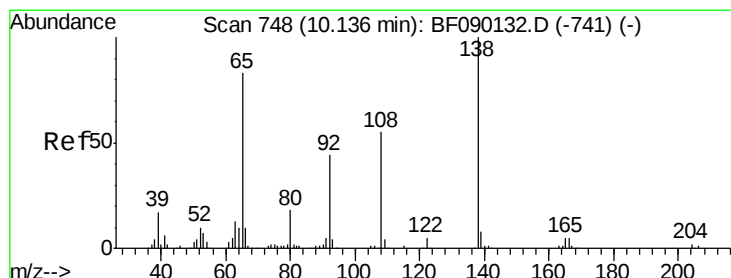
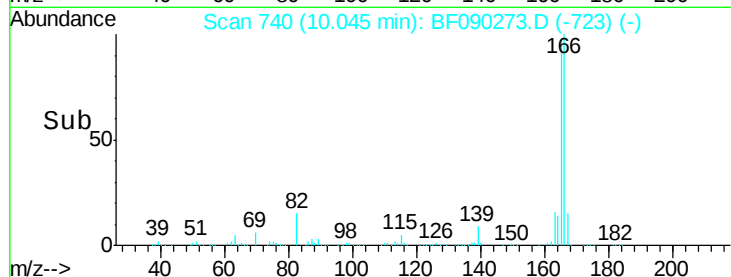
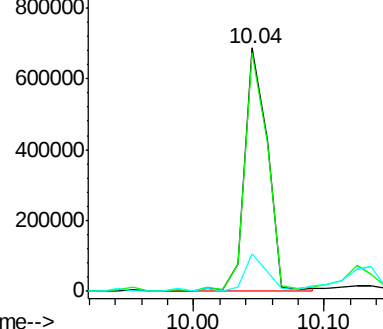
167 15.5 11.2 16.8



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: 2.01 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.05 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

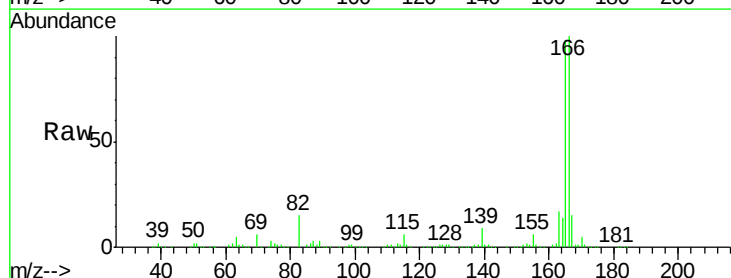
Tgt Ion:138 Resp: 9112

Ion Ratio Lower Upper

138 100

92 4.0 23.8 63.8#

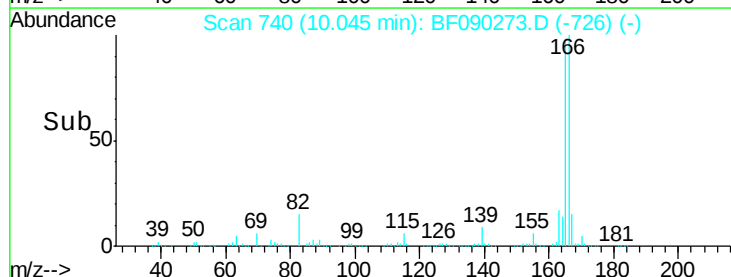
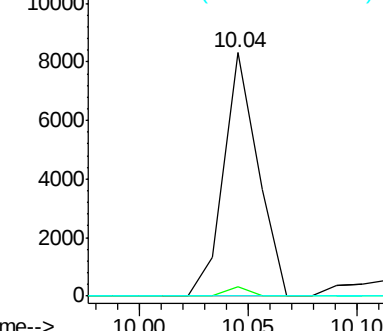
108 0.0 35.0 75.0#

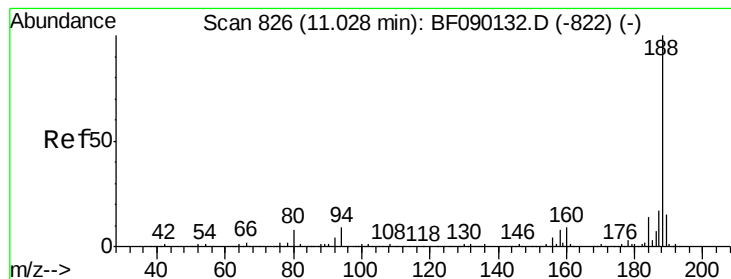


Abundance Ion 138.00 (137.70 to 138.70): E

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: 10.97 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

Instrument :

BNA_F

ClientSampleId :

S-6-2-LOC-6(10-15)

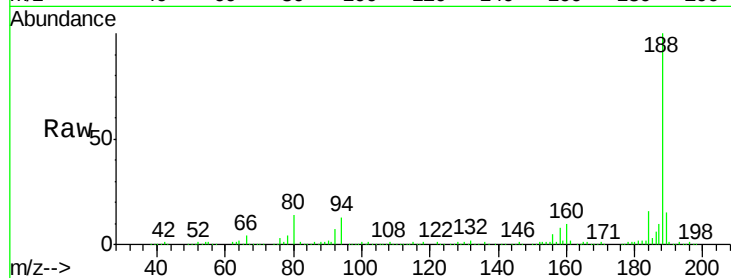
Tgt Ion:188 Resp: 345349

Ion Ratio Lower Upper

188 100

94 12.9 10.5 15.7

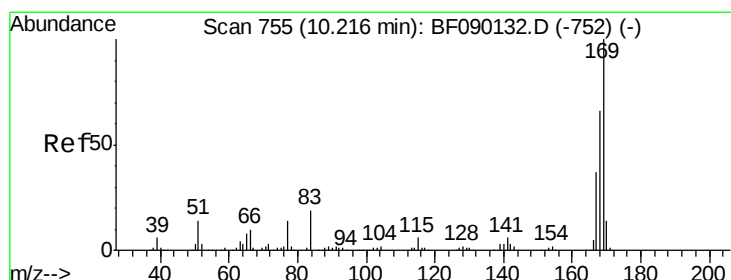
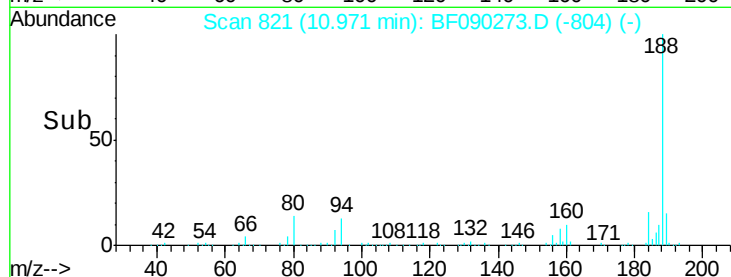
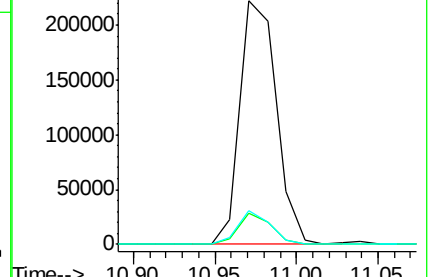
80 13.7 11.2 16.8



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: 3.33 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.07 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

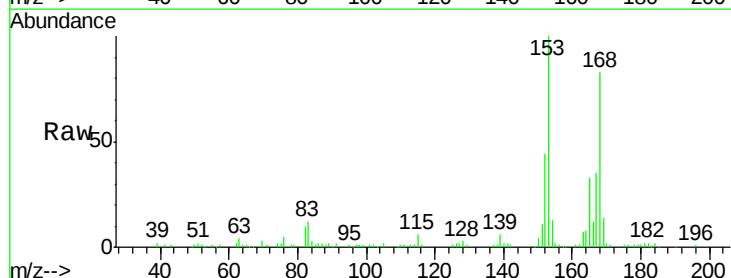
Tgt Ion:169 Resp: 37853

Ion Ratio Lower Upper

169 100

168 580.9 54.2 81.4#

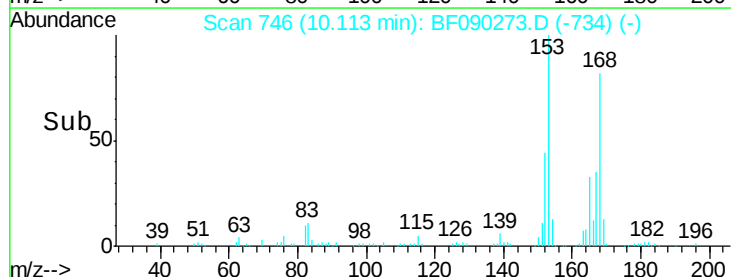
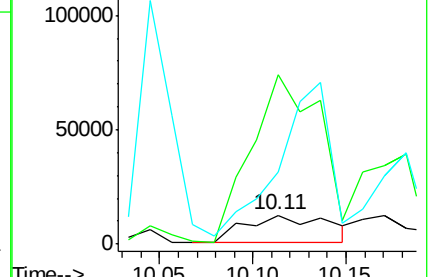
167 246.4 30.3 45.5#

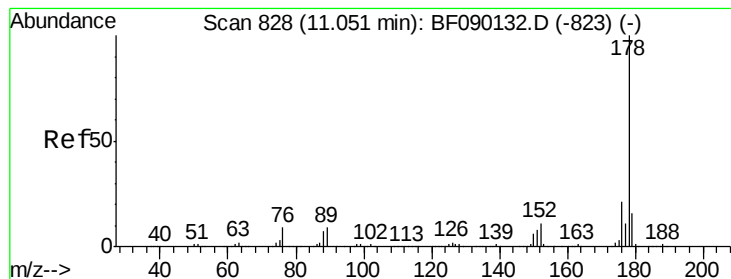


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 204.49 ng

RT: 11.02 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

Instrument :

BNA_F

ClientSampleId :

S-6-2-LOC-6(10-15)

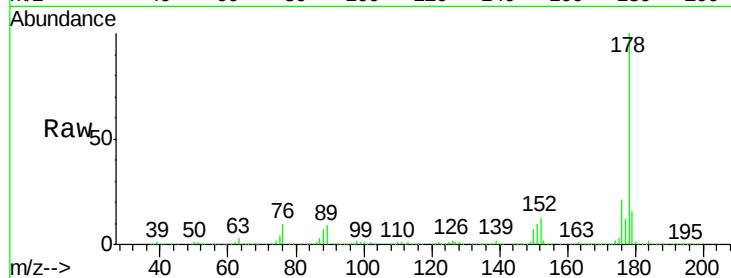
Tgt Ion:178 Resp: 3302741

Ion Ratio Lower Upper

178 100

176 21.2 15.9 23.9

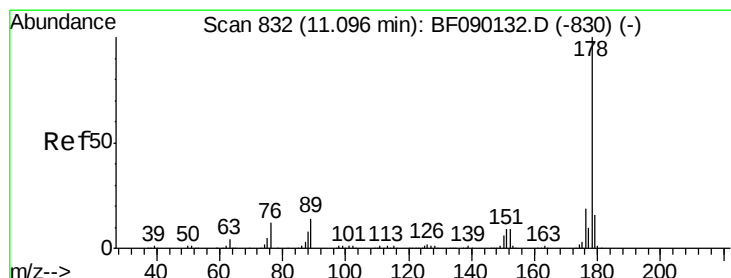
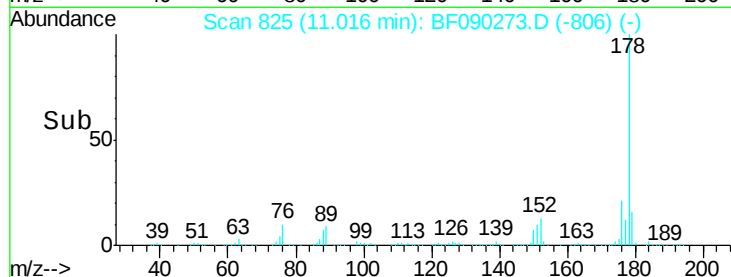
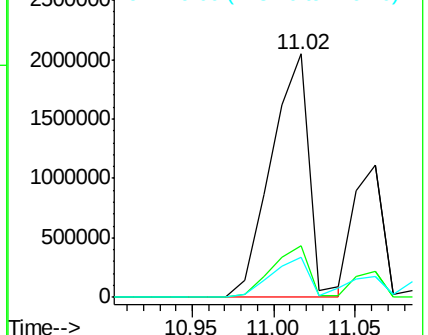
179 16.3 12.9 19.3



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: 86.73 ng

RT: 11.06 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

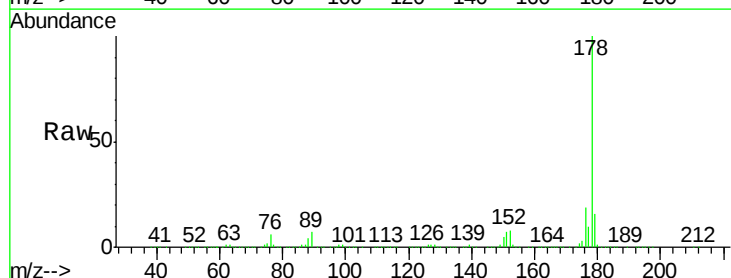
Tgt Ion:178 Resp: 1469256

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

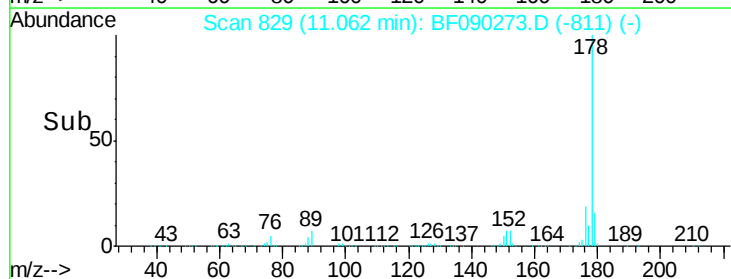
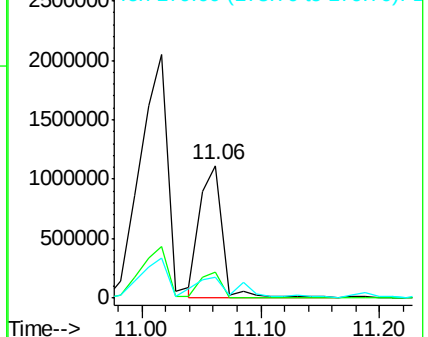
179 15.7 12.6 19.0

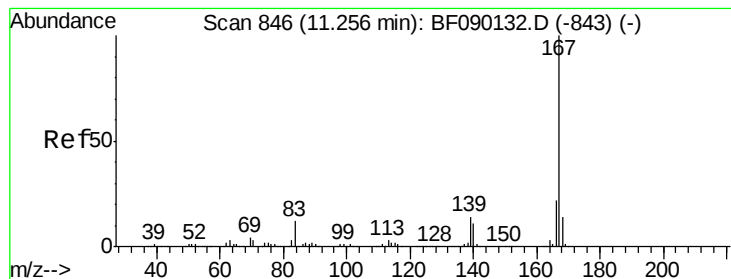


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 20.93 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

Instrument :

BNA_F

ClientSampleId :

S-6-2-LOC-6(10-15)

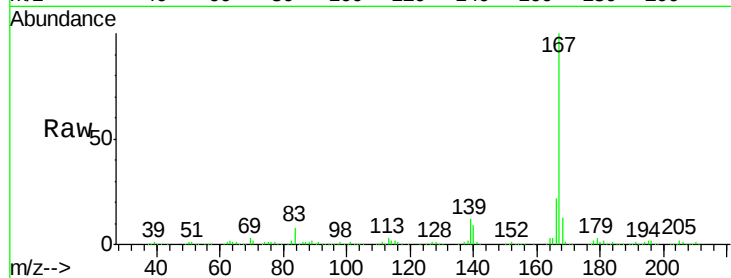
Tgt Ion:167 Resp: 374889

Ion Ratio Lower Upper

167 100

166 21.7 18.0 27.0

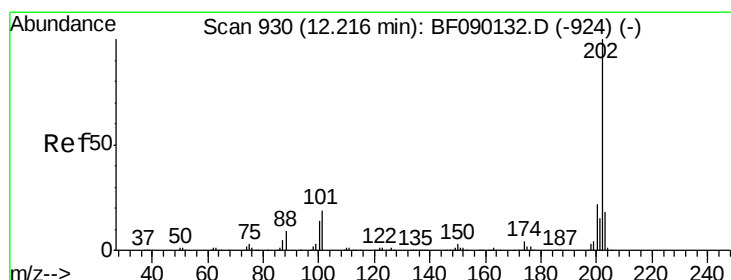
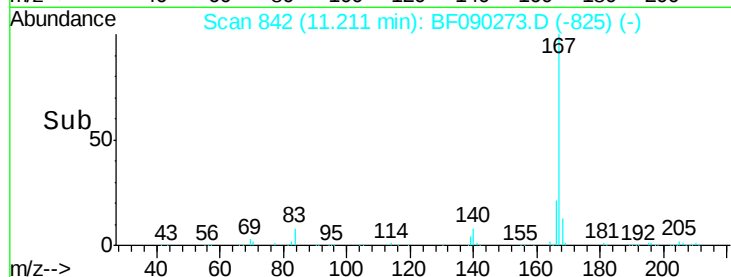
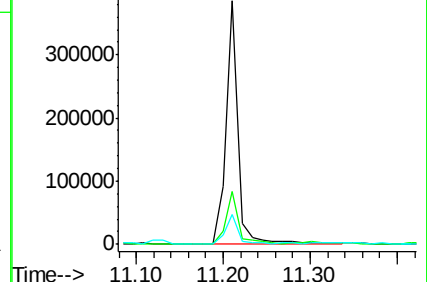
139 12.4 10.4 15.6



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: 172.08 ng

RT: 12.19 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

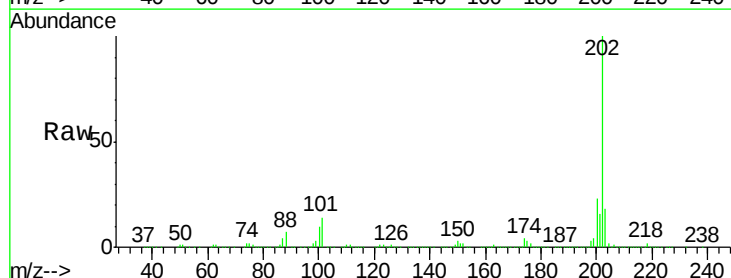
Tgt Ion:202 Resp: 2983299

Ion Ratio Lower Upper

202 100

101 13.7 0.0 36.1

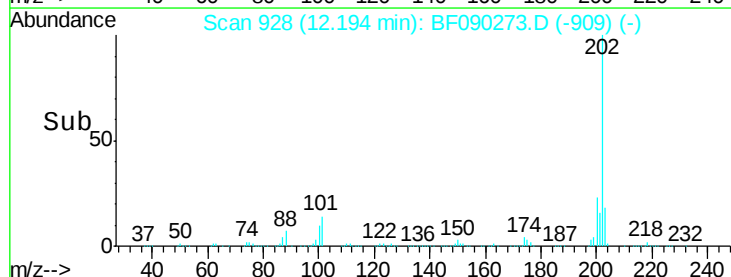
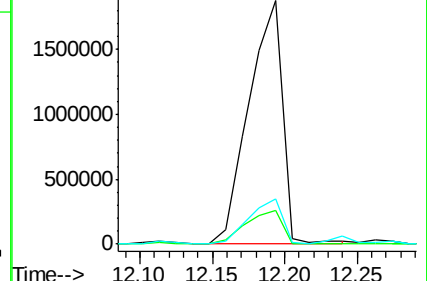
203 18.5 0.0 38.2

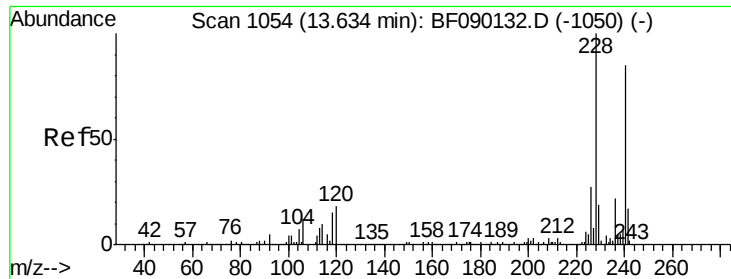


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.60 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

Instrument :

BNA_F

ClientSampleId :

S-6-2-LOC-6(10-15)

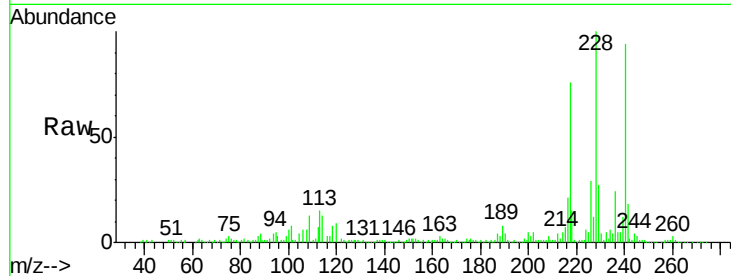
Tgt Ion:240 Resp: 246121

Ion Ratio Lower Upper

240 100

120 10.0 10.6 16.0#

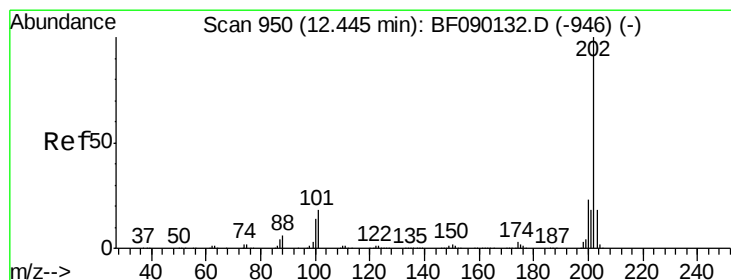
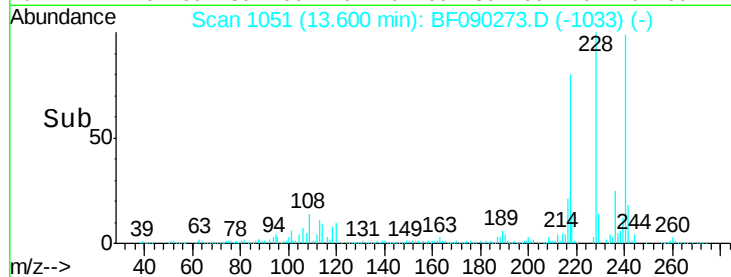
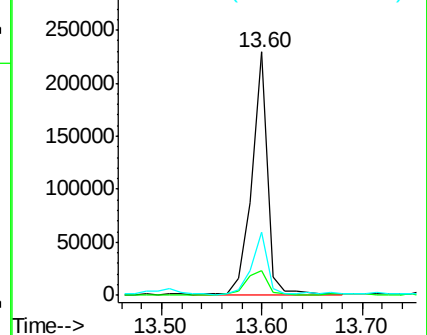
236 26.0 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 150.51 ng

RT: 12.41 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

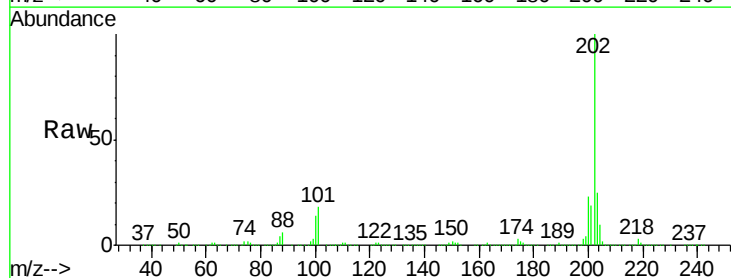
Tgt Ion:202 Resp: 2534883

Ion Ratio Lower Upper

202 100

200 23.3 17.9 26.9

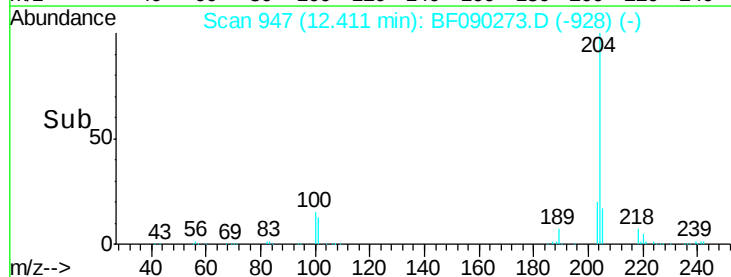
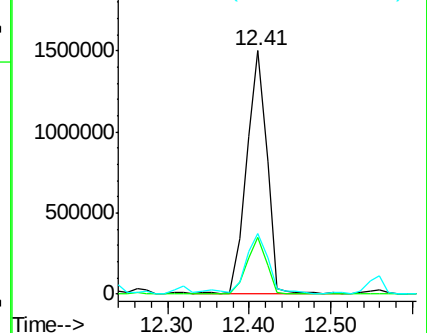
203 24.7 14.2 21.4#

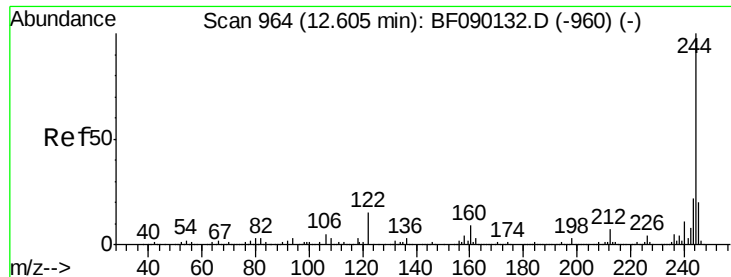


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

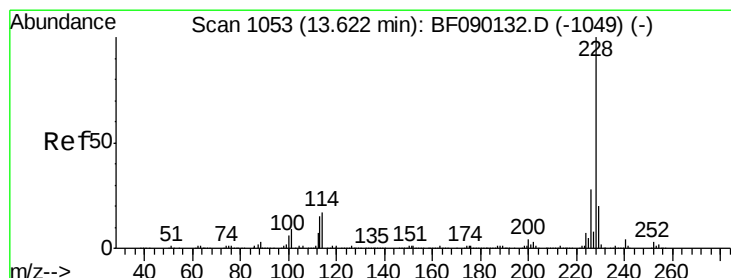
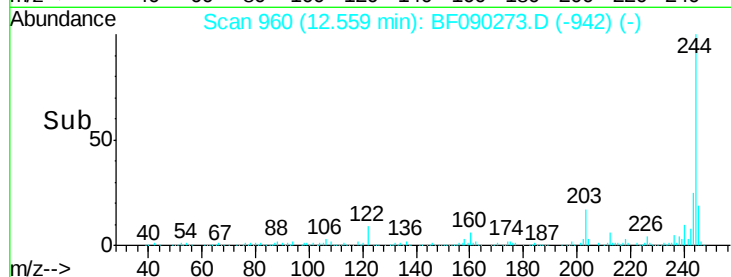
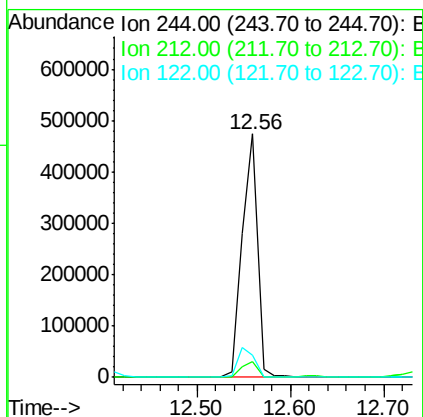
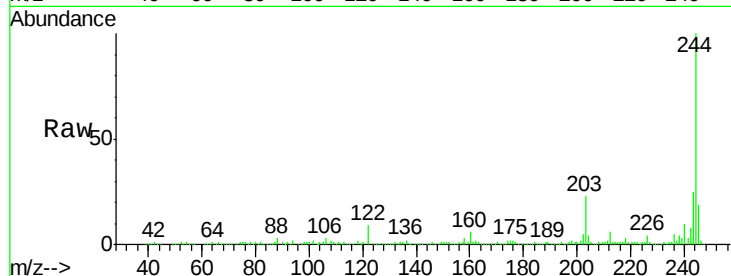




#78
 Terphenyl-d14
 Concen: 55.99 ng
 RT: 12.56 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF090273.D
 Acq: 28 Sep 2016 00:59

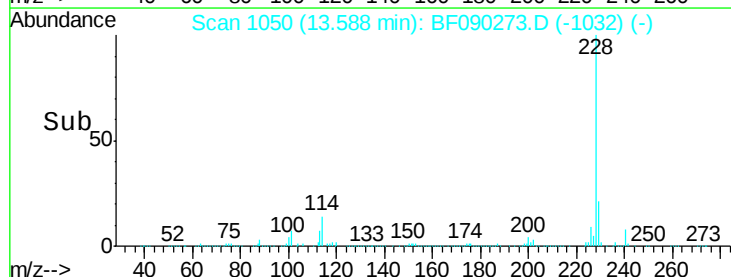
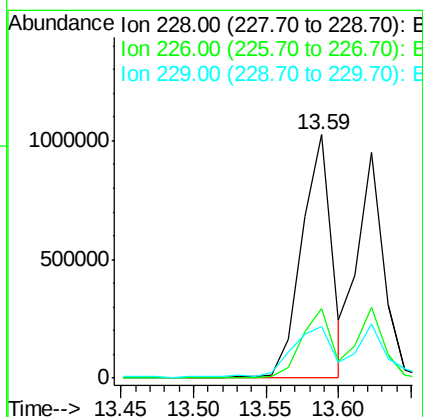
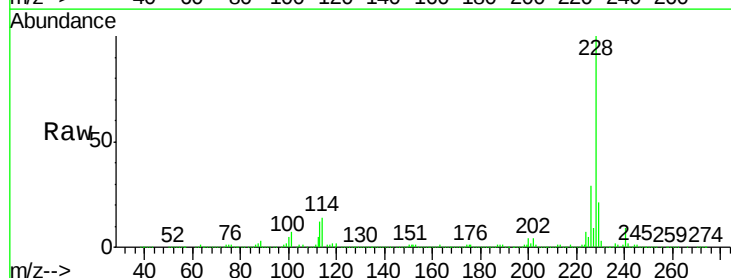
Instrument :
 BNA_F
 ClientSampleId :
 S-6-2-LOC-6(10-15)

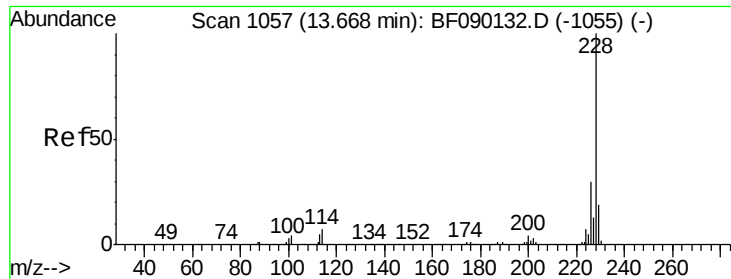
Tgt Ion:244 Resp: 542765
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.8
 122 9.3 9.4 14.0#



#80
 Benzo(a)anthracene
 Concen: 109.71 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF090273.D
 Acq: 28 Sep 2016 00:59

Tgt Ion:228 Resp: 1452704
 Ion Ratio Lower Upper
 228 100
 226 28.6 22.0 33.0
 229 21.3 16.2 24.2





#82

Chrysene

Concen: 112.62 ng

RT: 13.59 min Scan# 1050

Delta R.T. -0.03 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

Instrument :

BNA_F

ClientSampleId :

S-6-2-LOC-6(10-15)

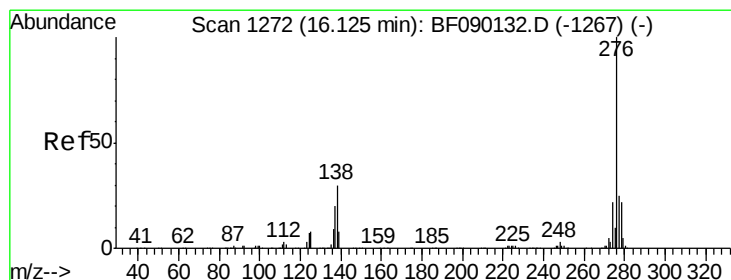
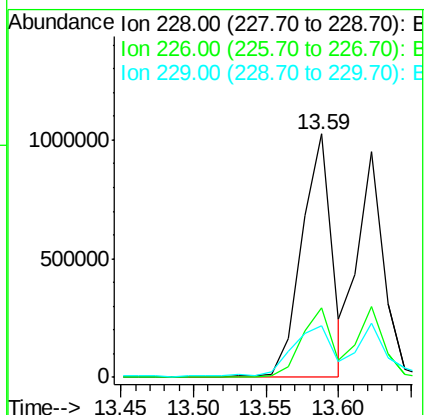
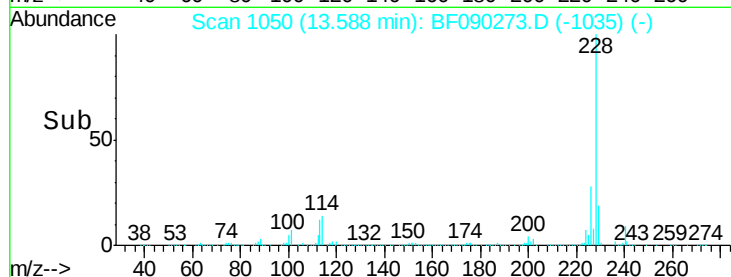
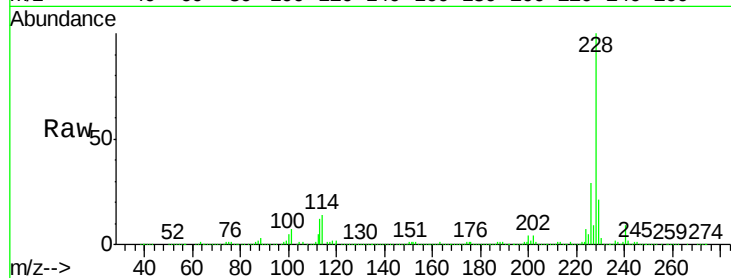
Tgt Ion:228 Resp: 1452704

Ion Ratio Lower Upper

228 100

226 28.6 24.6 37.0

229 21.3 16.2 24.4



#85

Indeno(1,2,3-cd)pyrene

Concen: 45.36 ng

RT: 16.06 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

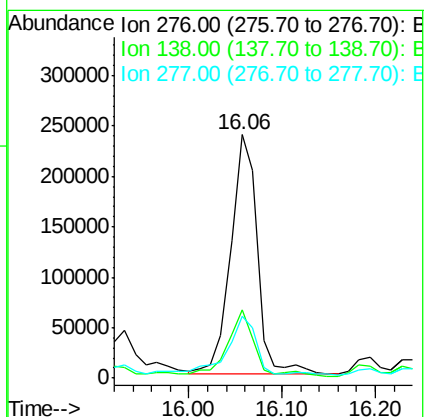
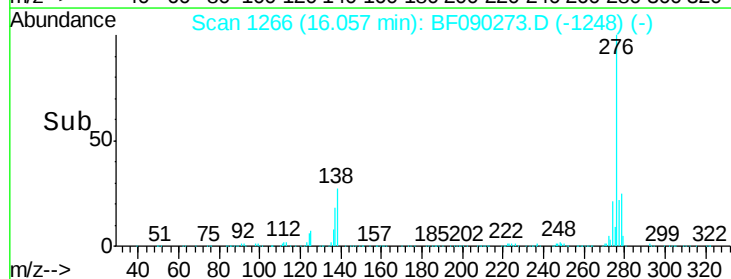
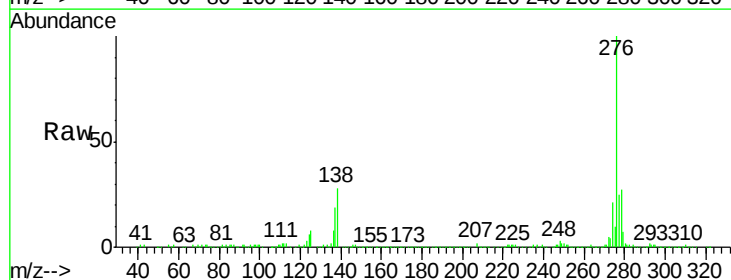
Tgt Ion:276 Resp: 473106

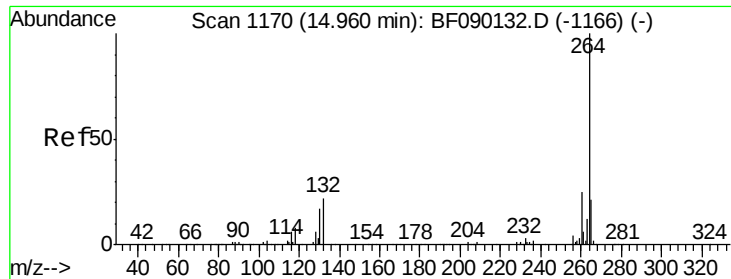
Ion Ratio Lower Upper

276 100

138 25.5 25.9 38.9#

277 27.9 19.9 29.9

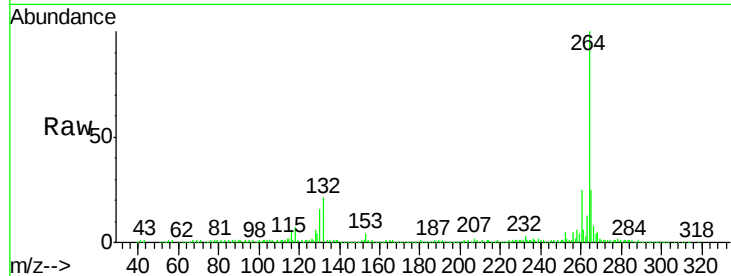




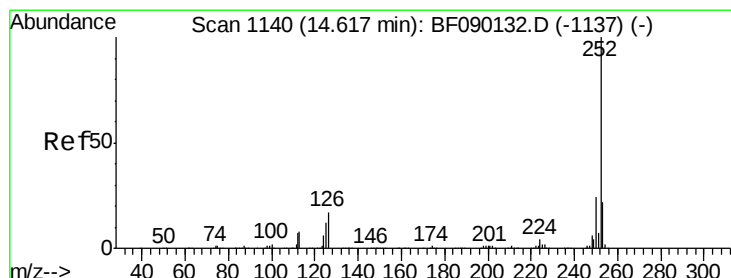
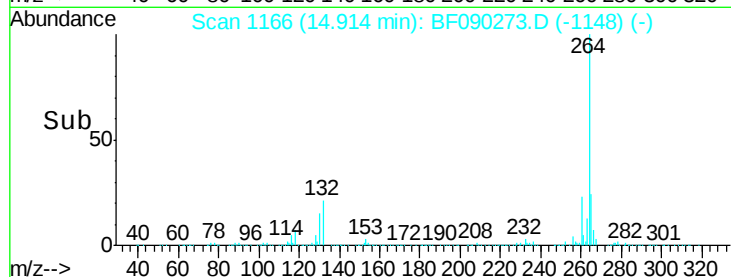
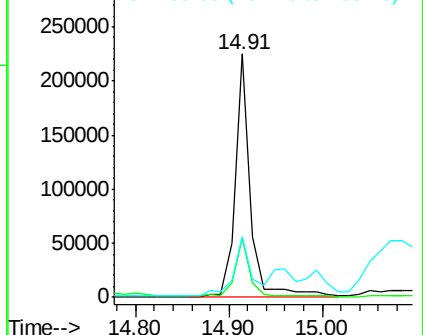
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF090273.D
Acq: 28 Sep 2016 00:59

Instrument :
BNA_F
ClientSampleId :
S-6-2-LOC-6(10-15)

Tgt Ion: 264 Resp: 251854
Ion Ratio Lower Upper
264 100
260 24.6 19.5 29.3
265 24.8 17.0 25.4

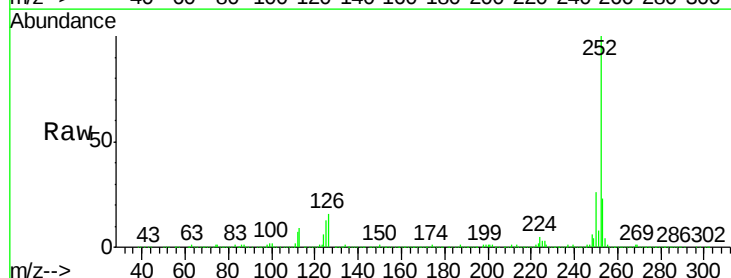


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

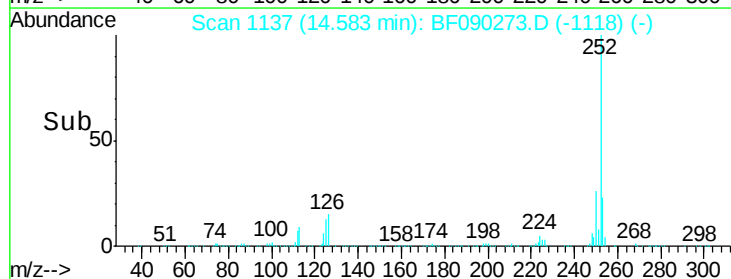
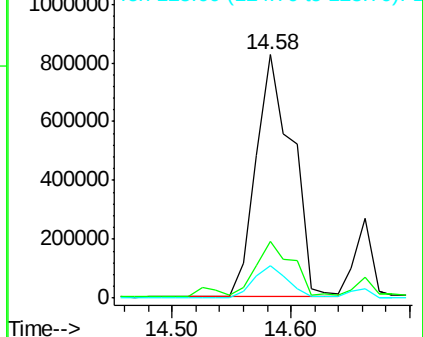


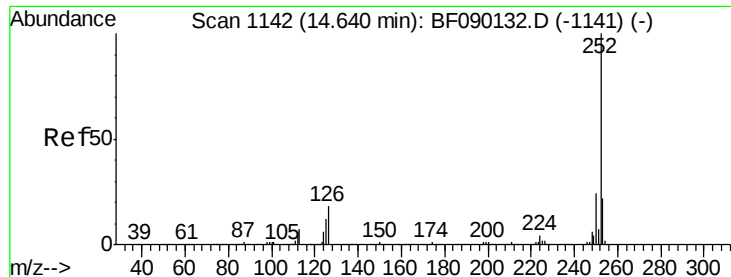
#87
Benzo(b)fluoranthene
Concen: 125.48 ng
RT: 14.58 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF090273.D
Acq: 28 Sep 2016 00:59

Tgt Ion: 252 Resp: 1749927
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 13.3 12.7 19.1



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





#88

Benzo(k)fluoranthene

Concen: 133.70 ng

RT: 14.58 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

Instrument :

BNA_F

ClientSampleId :

S-6-2-LOC-6(10-15)

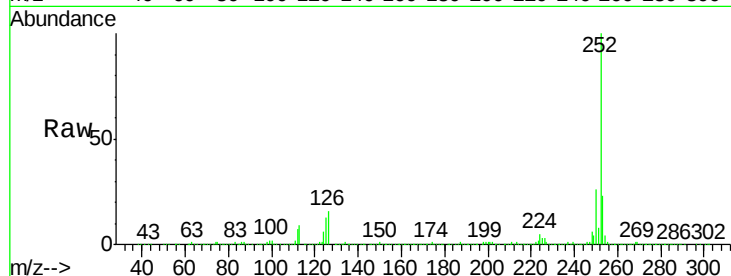
Tgt Ion:252 Resp: 1749927

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

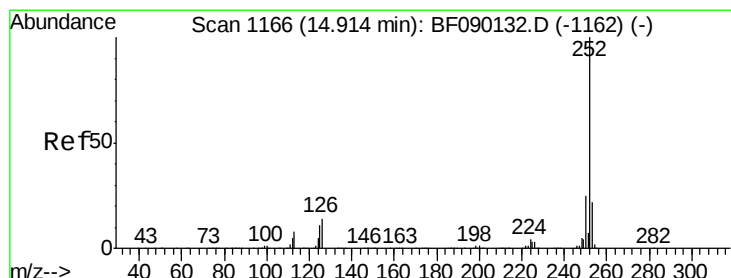
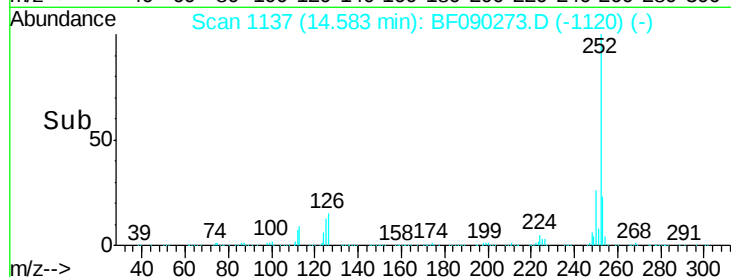
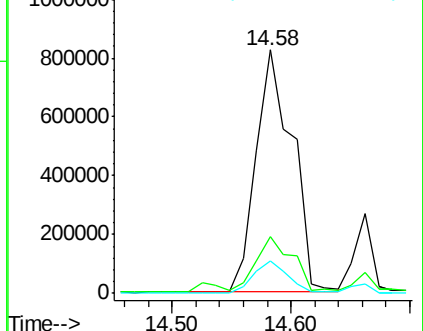
125 13.3 7.8 11.6#



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: 48.45 ng

RT: 14.82 min Scan# 1158

Delta R.T. -0.05 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

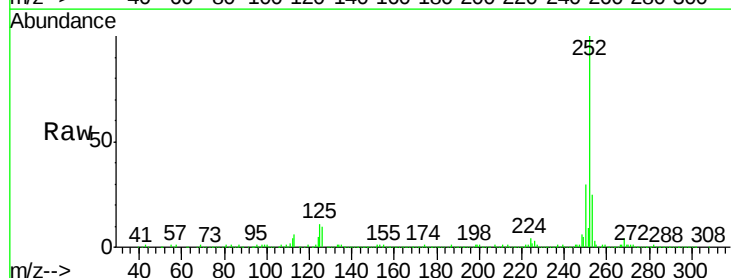
Tgt Ion:252 Resp: 635540

Ion Ratio Lower Upper

252 100

253 24.7 17.4 26.0

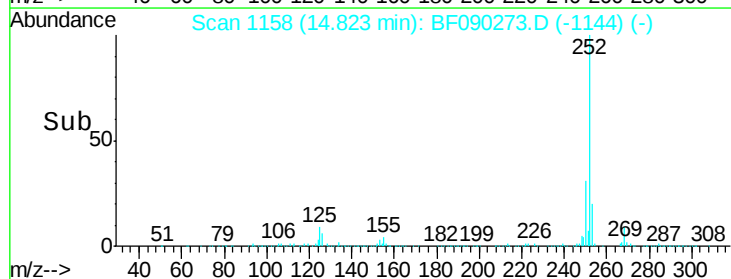
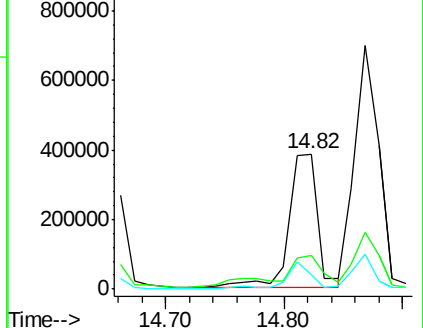
125 10.9 7.7 11.5

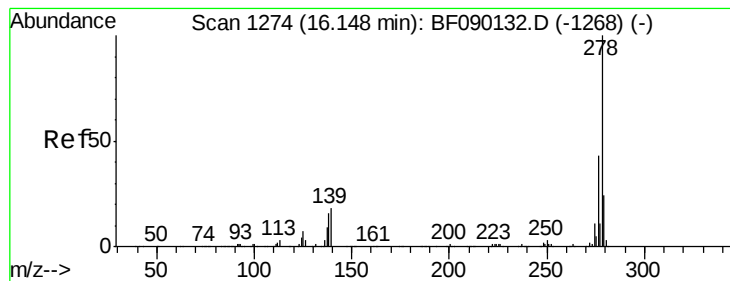


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 15.33 ng

RT: 16.07 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

Instrument :

BNA_F

ClientSampleId :

S-6-2-LOC-6(10-15)

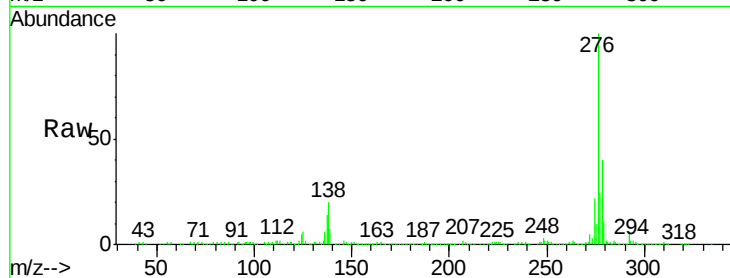
Tgt Ion:278 Resp: 156961

Ion Ratio Lower Upper

278 100

139 18.0 14.6 21.8

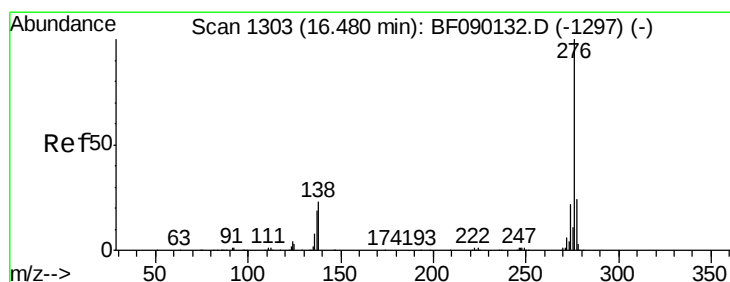
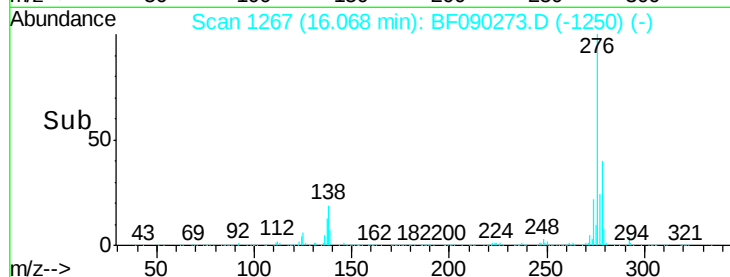
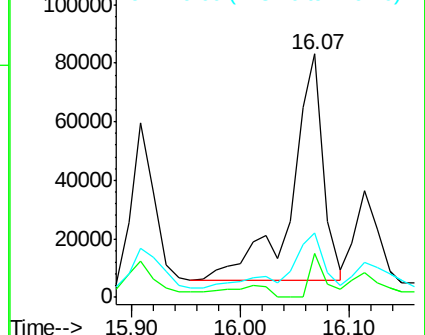
279 26.7 18.8 28.2



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: 39.18 ng

RT: 16.40 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF090273.D

Acq: 28 Sep 2016 00:59

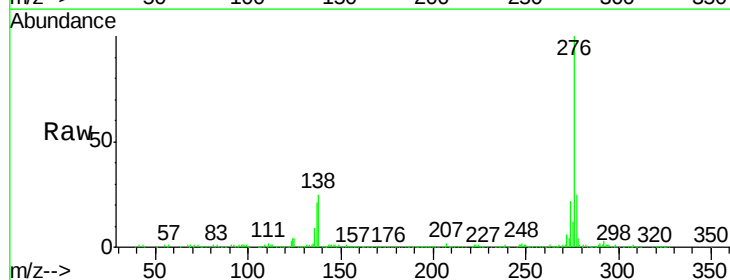
Tgt Ion:276 Resp: 392579

Ion Ratio Lower Upper

276 100

277 24.6 18.9 28.3

138 25.4 23.3 34.9



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

