

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102815\
 Data File : BG019424.D
 Acq On : 29 Oct 2015 19:23
 Operator : UM/NP
 Sample : G4120-16DL2 20X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS4DL2

Quant Time: Oct 30 03:29:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	37169	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	13088	20.00	ng/ul	0.14
36) Acenaphthene-d10	15.01	164	194	20.00	ng/ul	0.18
62) Phenanthrene-d10	17.79	188	391	20.00	ng/ul	0.21
78) Chrysene-d12	22.12	240	149	20.00	ng/ul	0.25
86) Perylene-d12	25.56	264	623	20.00	ng/ul	0.31
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	132	0.17	ng/uL	0.00
5) Phenol-d5	7.36	99	1415	0.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	3273	1.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	2435	1.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	2268	0.83	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	1733	18.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	1648	14.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	4228	17.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.40	131	568	2.27	ng/ul	0.24
44) Dimethylphthalate-d6	14.41	166	91	5.69	ng/ul	0.18
47) Acenaphthylene-d8	14.70	160	59	3.33	ng/ul	0.17
52) 4-Nitrophenol-d4	15.27	143	129	50.77	ng/ul	0.24
58) Fluorene-d10	16.02	176	245	16.56	ng/ul	0.20
63) 4,6-Dinitro-2-methylphenol	15.95	200	96	37.93	ng/ul	0.02
71) Anthracene-d10	17.89	188	128	7.18	ng/ul	0.21
79) Pyrene-d10	20.17	212	164	25.15	ng/ul	0.22
90) Benzo(a)pyrene-d12	25.25	264	316881	10135.72	ng/ul	0.24
Target Compounds						
6) Phenol	7.39	94	9384	2.58	ng/ul#	76
11) 2-Methylphenol	8.66	108	26207	9.75	ng/ul	98
16) 4-Methylphenol	8.98	108	116300	39.62	ng/ul	94
24) 2,4-Dimethylphenol	10.22	107	47434	140.02	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.58	93	1365	4.23	ng/ul#	49
28) Naphthalene	11.08	128	33205	50.71	ng/ul	98
32) Caprolactam	12.21	113	108	1.27	ng/ul#	32
33) 4-Chloro-3-methylphenol	12.46	107	350	1.10	ng/ul#	30
34) 2-Methylnaphthalene	12.67	142	3543	6.73	ng/ul	85
35) 1-Methylnaphthalene	12.89	142	1598	3.21	ng/ul#	62
41) 1,1'-Biphenyl	13.67	154	1079	78.68	ng/ul#	79
42) 2-Chloronaphthalene	13.88	162	251	23.47	ng/ul#	58
43) 2-Nitroaniline	14.09	65	484	105.80	ng/ul#	38
45) Dimethylphthalate	14.46	163	884	54.04	ng/ul#	78
46) 2,6-Dinitrotoluene	14.58	165	163	49.23	ng/ul#	66
48) Acenaphthylene	14.74	152	66	3.64	ng/ul#	59
49) 3-Nitroaniline	15.04	138	125	43.86	ng/ul#	1
50) Acenaphthene	15.06	153	109	8.89	ng/ul#	13
53) 4-Nitrophenol	15.21	109	276	69.65	ng/ul#	60
54) Dibenzofuran	15.52	168	136	7.54	ng/ul#	35
55) 2,4-Dinitrotoluene	15.38	165	129	24.67	ng/ul#	1
57) Diethylphthalate	15.82	149	216	13.37	ng/ul#	1
59) Fluorene	16.06	166	147	9.34	ng/ul#	9

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

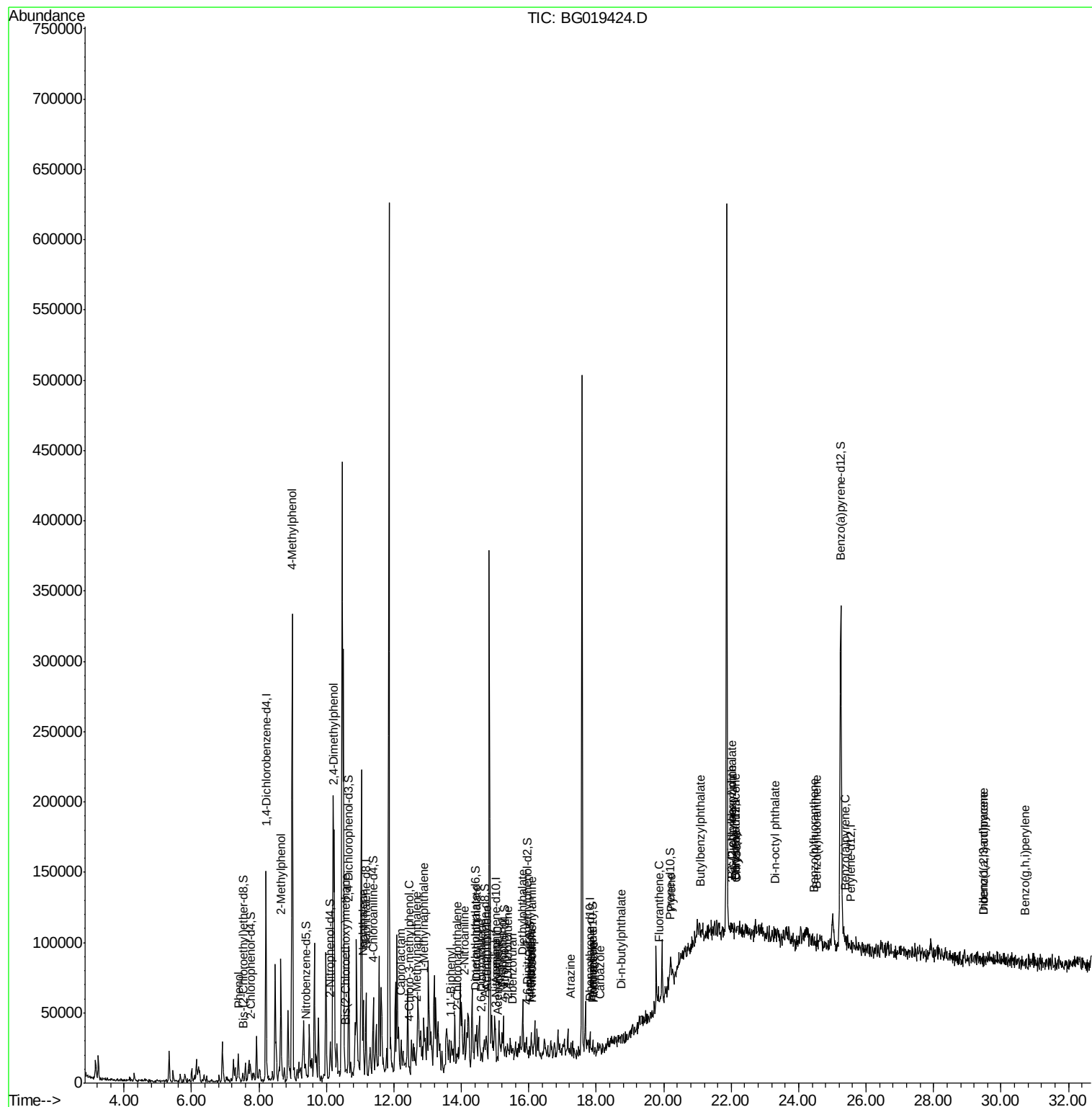
61) 4-Nitroaniline	16.05	138	82	25.04	ng/ul#	9
65) N-Nitrosodiphenylamine	16.10	169	139	13.74	ng/ul#	26
68) Atrazine	17.22	200	140	27.93	ng/ul#	1
70) Phenanthrene	17.87	178	76	3.85	ng/ul#	6
72) Anthracene	17.92	178	176	8.75	ng/ul#	10
75) Carbazole	18.12	167	156	9.72	ng/ul#	60
76) Di-n-butylphthalate	18.75	149	406	20.41	ng/ul#	75
77) Fluoranthene	19.85	202	207	8.10	ng/ul#	86
80) Pyrene	20.22	202	145	17.34	ng/ul#	85
81) Butylbenzylphthalate	21.09	149	205	75.44	ng/ul#	13
82) 3,3'-Dichlorobenzidine	22.00	252	394	134.97	ng/ul#	25
83) Benzo(a)anthracene	22.11	228	304	35.03	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	22.01	149	787	203.80	ng/ul#	87
85) Chrysene	22.16	228	78	9.58	ng/ul#	1
87) Di-n-octyl phthalate	23.29	149	96	3.40	ng/ul	100
88) Benzo(b)fluoranthene	24.46	252	161	4.38	ng/ul#	12
89) Benzo(k)fluoranthene	24.53	252	282	7.97	ng/ul#	1
91) Benzo(a)pyrene	25.39	252	368	10.42	ng/ul#	30
92) Indeno(1,2,3-cd)pyrene	29.50	276	145	3.65	ng/ul#	60
93) Dibenzo(a,h)anthracene	29.50	278	140	4.22	ng/ul#	3
94) Benzo(g,h,i)perylene	30.72	276	54	1.79	ng/ul#	63

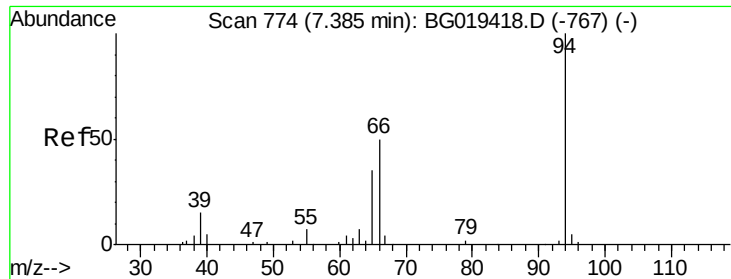
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.58 ng/ul

RT: 7.39 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

Instrument :

BNA_G

ClientSampleId :

E5LS4DL2

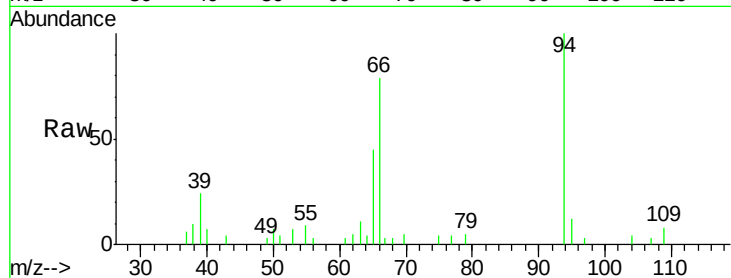
Tgt Ion: 94 Resp: 9384

Ion Ratio Lower Upper

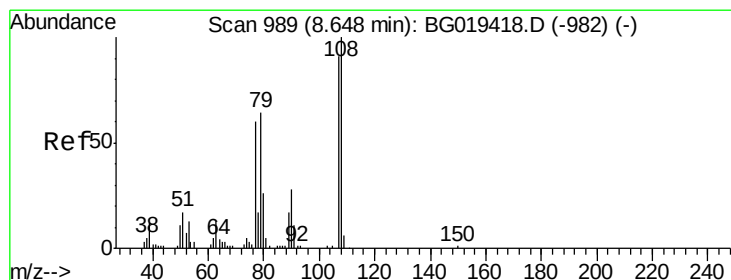
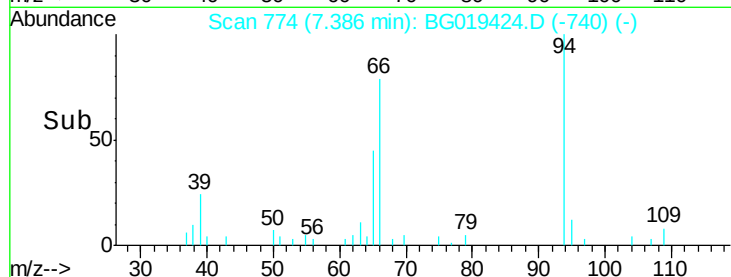
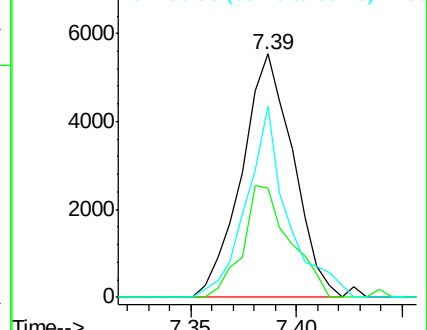
94 100

65 44.7 29.3 43.9#

66 78.6 45.0 67.6#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

2-Methylphenol

Concen: 9.75 ng/ul

RT: 8.66 min Scan# 990

Delta R.T. 0.01 min

Lab File: BG019424.D

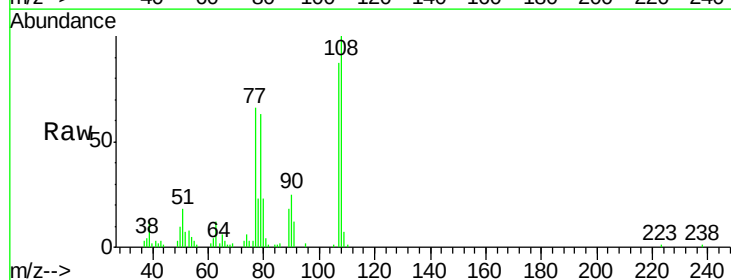
Acq: 29 Oct 2015 19:23

Tgt Ion: 108 Resp: 26207

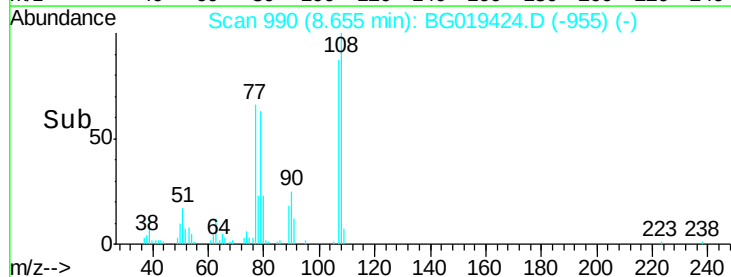
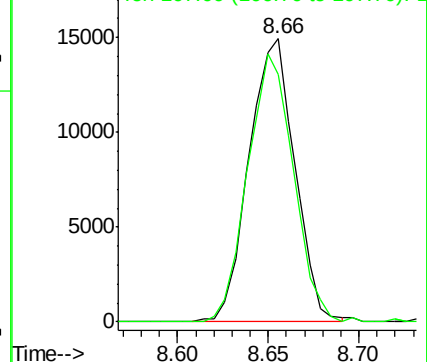
Ion Ratio Lower Upper

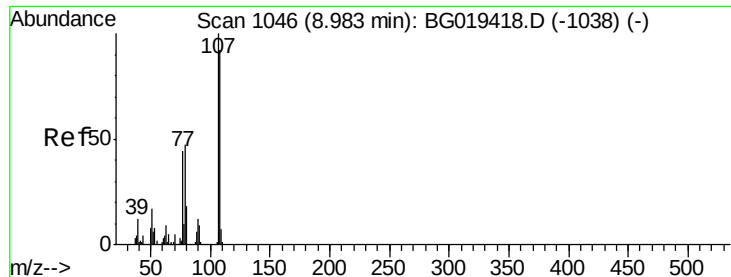
108 100

107 87.3 71.2 106.8



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

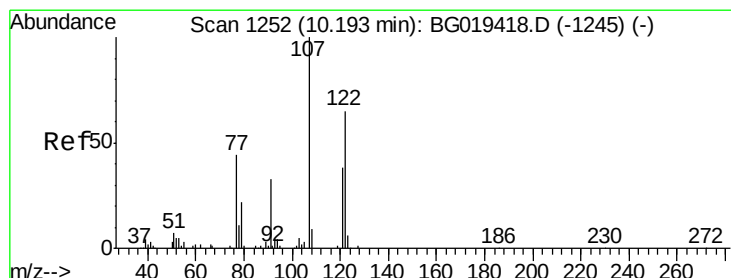
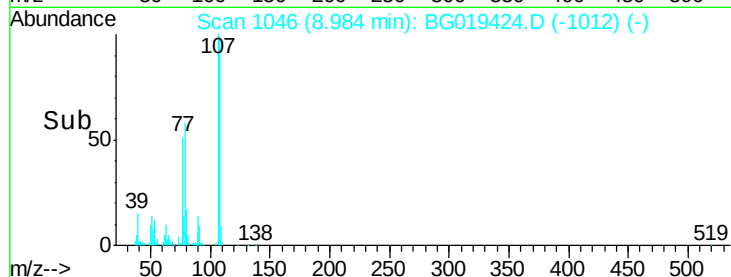
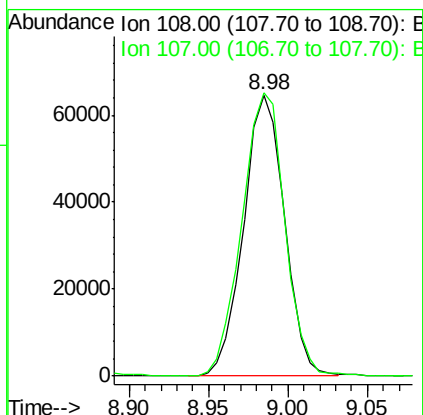
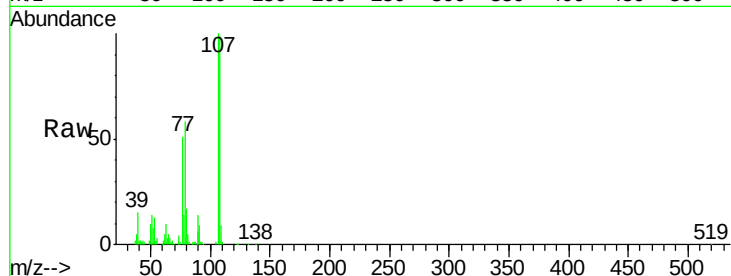




#16
4-Methylphenol
Concen: 39.62 ng/ul
RT: 8.98 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BG019424.D
Acq: 29 Oct 2015 19:23

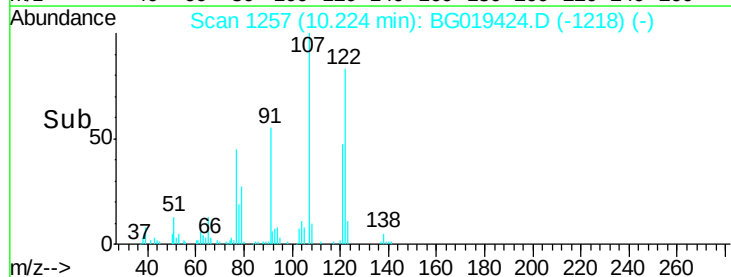
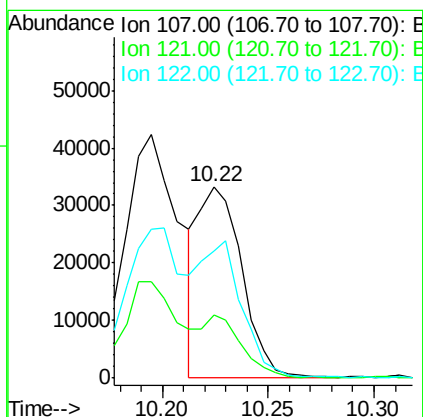
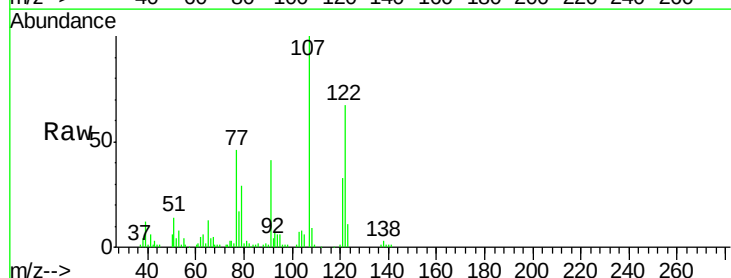
Instrument :
BNA_G
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E5LS4DL2

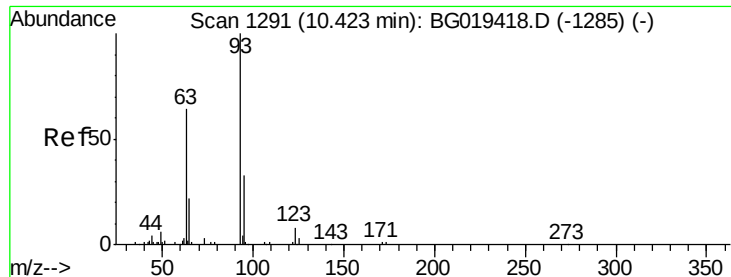
Tgt Ion:108 Resp: 116300
Ion Ratio Lower Upper
108 100
107 100.8 85.4 128.2



#24
2,4-Dimethylphenol
Concen: 140.02 ng/ul
RT: 10.22 min Scan# 1257
Delta R.T. 0.03 min
Lab File: BG019424.D
Acq: 29 Oct 2015 19:23

Tgt Ion:107 Resp: 47434
Ion Ratio Lower Upper
107 100
121 33.2 33.0 49.4
122 66.6 54.2 81.2





#25

Bis(2-Chloroethoxy)methane

Concen: 4.23 ng/ul

RT: 10.58 min Scan# 1317

Delta R.T. 0.15 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

Instrument :

BNA_G

ClientSampleId :

E5LS4DL2

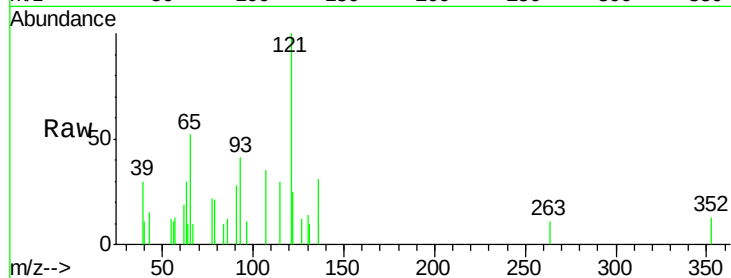
Tgt Ion: 93 Resp: 1365

Ion Ratio Lower Upper

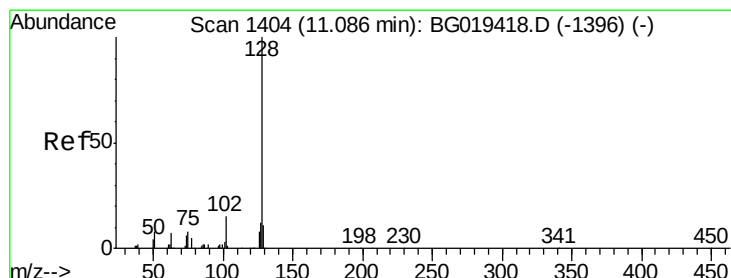
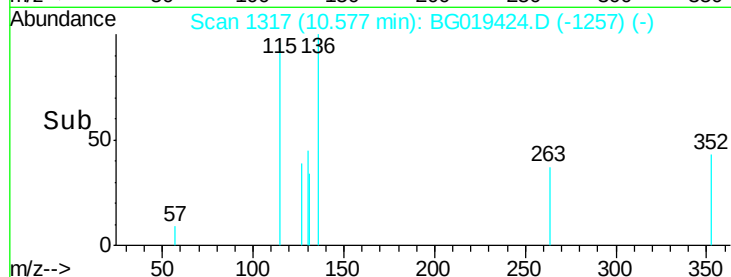
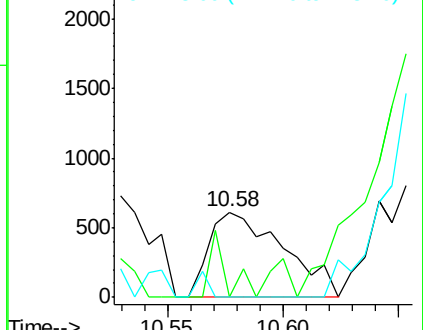
93 100

95 0.0 26.1 39.1#

123 0.0 8.2 12.2#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): BGC



#28

Naphthalene

Concen: 50.71 ng/ul

RT: 11.08 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

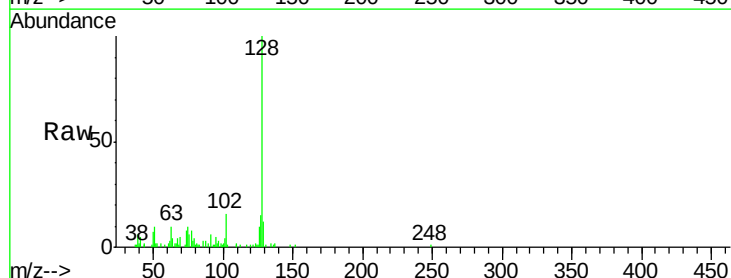
Tgt Ion: 128 Resp: 33205

Ion Ratio Lower Upper

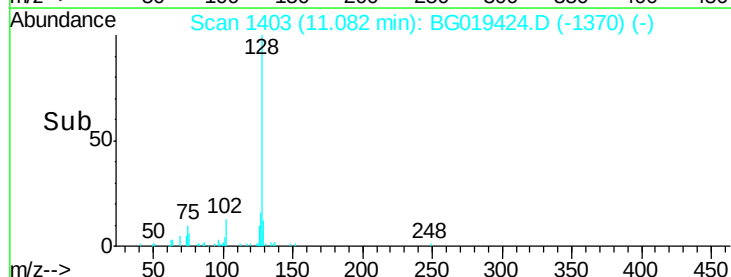
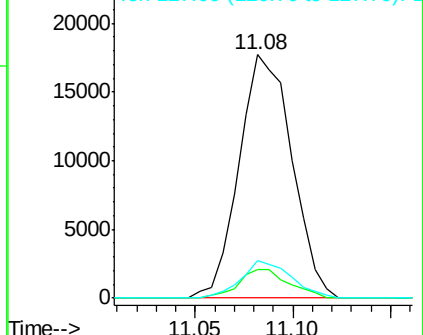
128 100

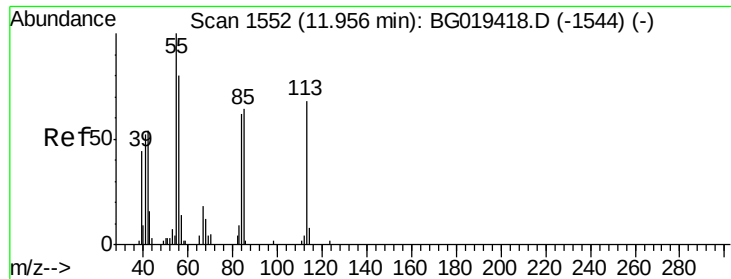
129 11.6 8.9 13.3

127 15.4 13.1 19.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#32

Caprolactam

Concen: 1.27 ng/ul

RT: 12.21 min Scan# 1595

Delta R.T. 0.25 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

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ClientSampleId :

E5LS4DL2

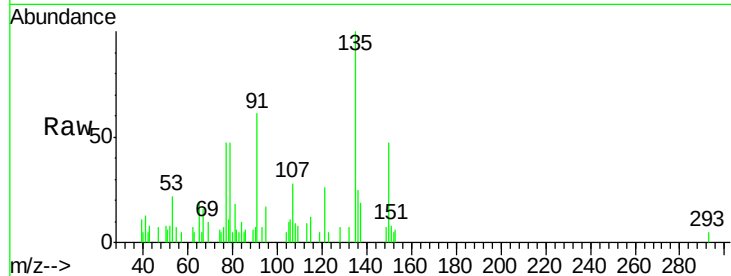
Tgt Ion:113 Resp: 108

Ion Ratio Lower Upper

113 100

55 71.2 93.1 139.7#

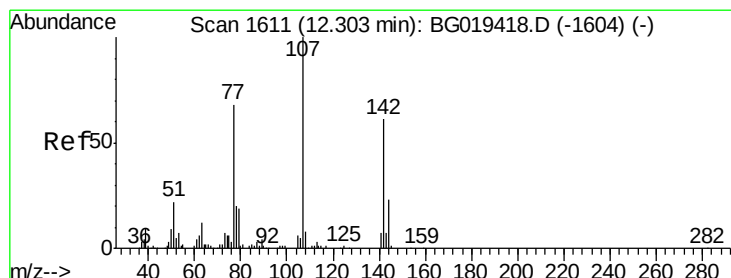
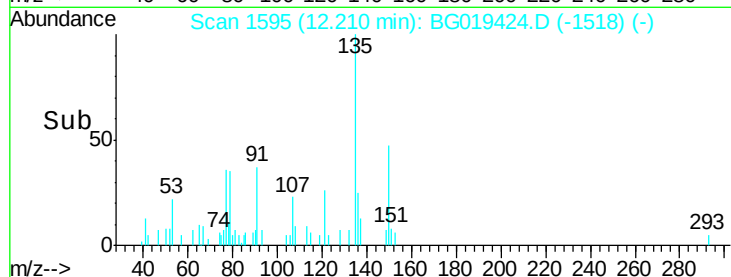
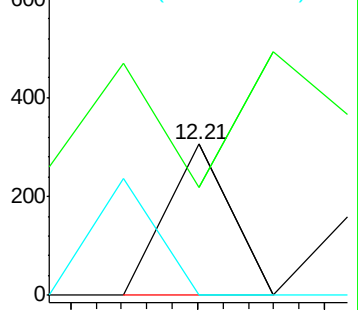
56 0.0 79.9 119.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 1.10 ng/ul

RT: 12.46 min Scan# 1637

Delta R.T. 0.15 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

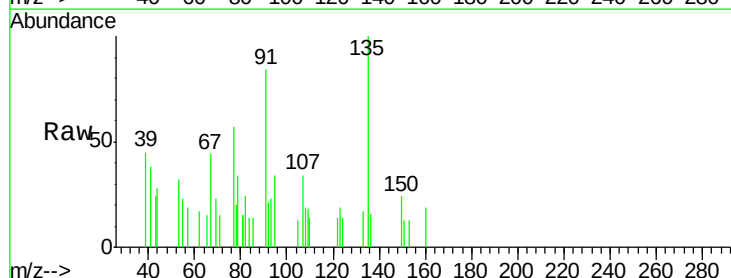
Tgt Ion:107 Resp: 350

Ion Ratio Lower Upper

107 100

144 0.0 13.0 19.6#

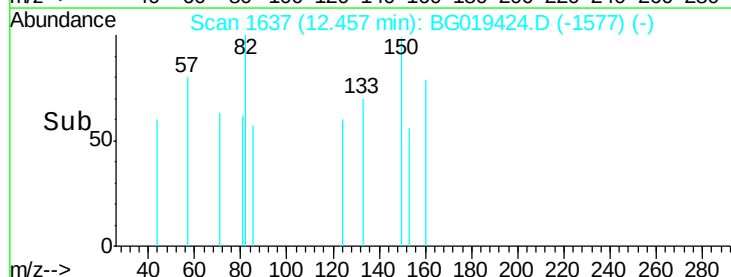
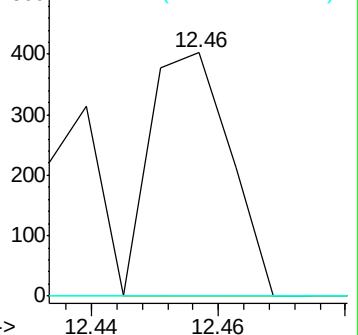
142 0.0 47.0 70.6#

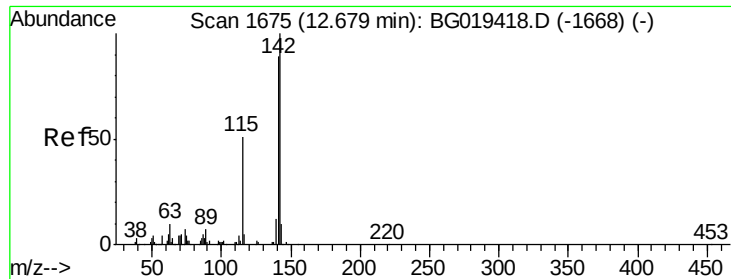


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

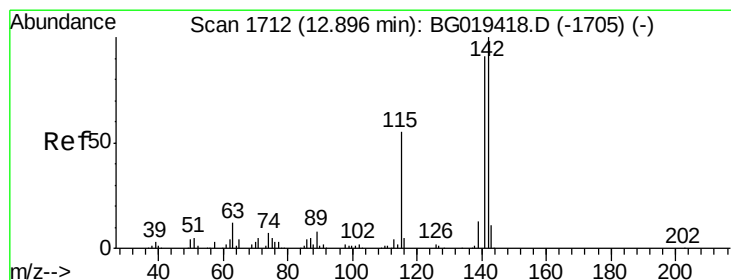
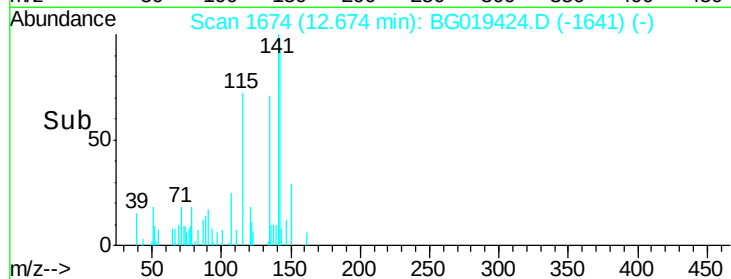
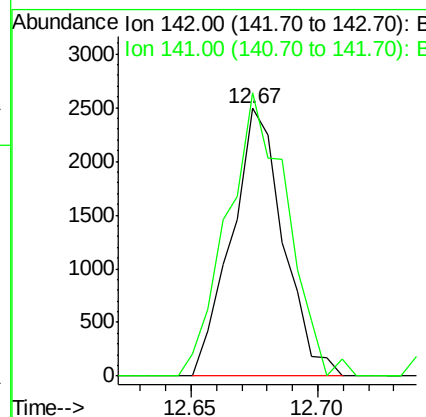
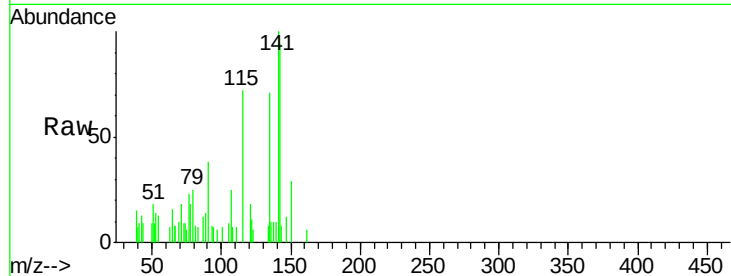




#34
2-Methylnaphthalene
Concen: 6.73 ng/ul
RT: 12.67 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BG019424.D
Acq: 29 Oct 2015 19:23

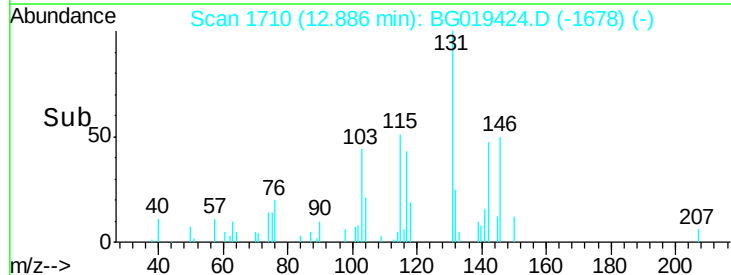
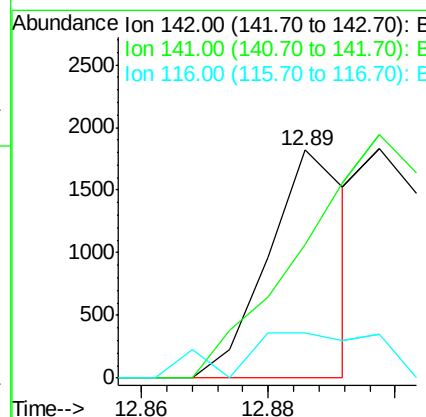
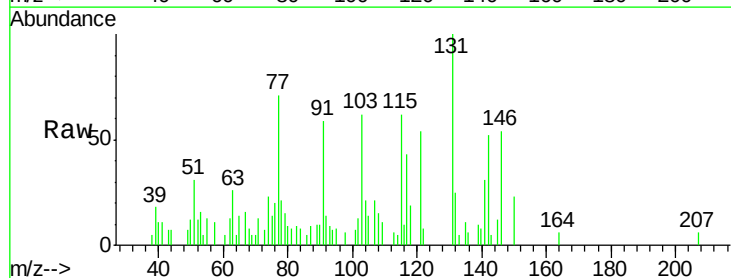
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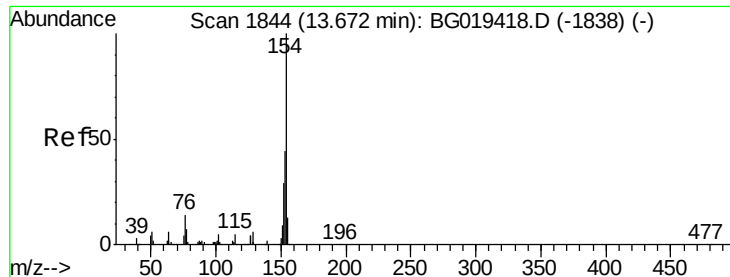
Tgt Ion:142 Resp: 3543
Ion Ratio Lower Upper
142 100
141 105.9 73.4 110.2



#35
1-Methylnaphthalene
Concen: 3.21 ng/ul
RT: 12.89 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG019424.D
Acq: 29 Oct 2015 19:23

Tgt Ion:142 Resp: 1598
Ion Ratio Lower Upper
142 100
141 58.6 76.5 114.7#
116 19.7 5.4 8.0#

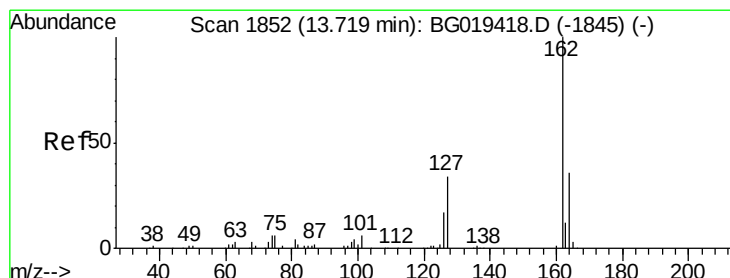
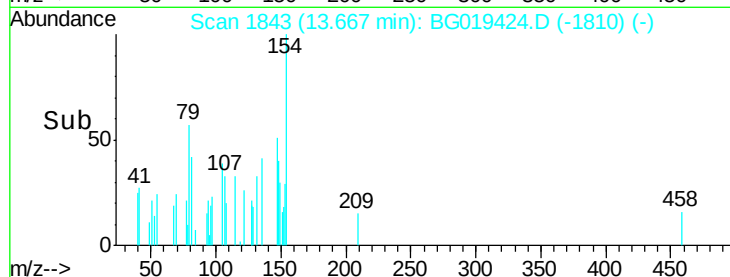
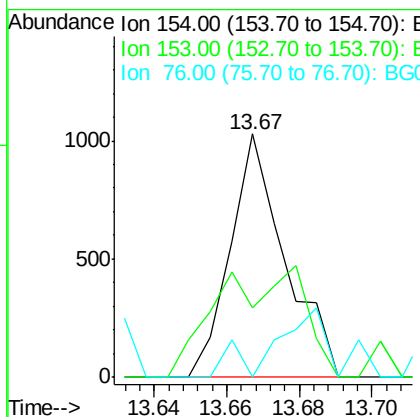
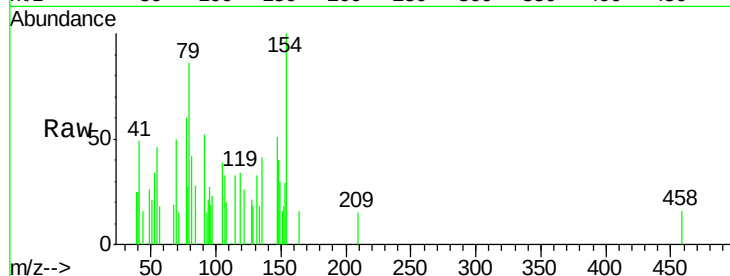




#41
 1,1'-Biphenyl
 Concen: 78.68 ng/ul
 RT: 13.67 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: BG019424.D
 Acq: 29 Oct 2015 19:23

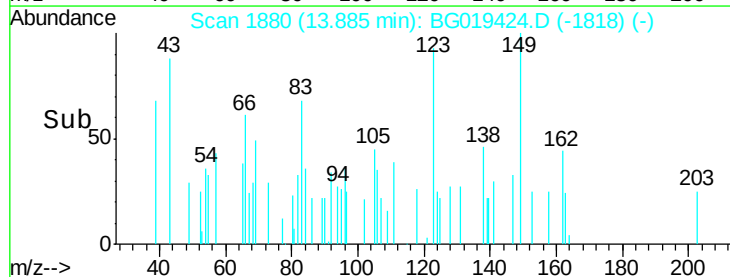
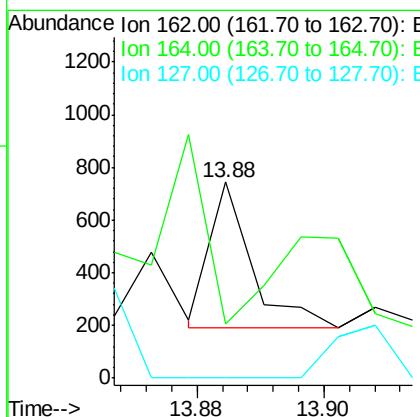
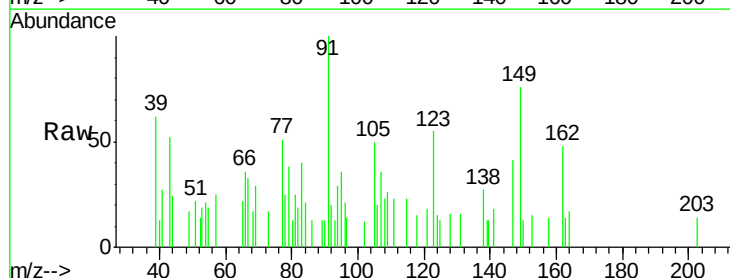
Instrument :
 BNA_G
 ClientSampleId :
 E5LS4DL2

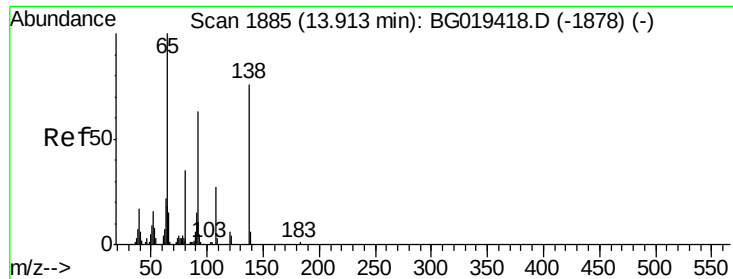
Tgt Ion:154 Resp: 1079
 Ion Ratio Lower Upper
 154 100
 153 28.8 32.8 49.2#
 76 0.0 7.7 11.5#



#42
 2-Chloronaphthalene
 Concen: 23.47 ng/ul
 RT: 13.88 min Scan# 1880
 Delta R.T. 0.17 min
 Lab File: BG019424.D
 Acq: 29 Oct 2015 19:23

Tgt Ion:162 Resp: 251
 Ion Ratio Lower Upper
 162 100
 164 27.9 30.1 45.1#
 127 0.0 32.8 49.2#





#43

2-Nitroaniline

Concen: 105.80 ng/ul

RT: 14.09 min Scan# 1915

Delta R.T. 0.18 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

Instrument :

BNA_G

ClientSampleId :

E5LS4DL2

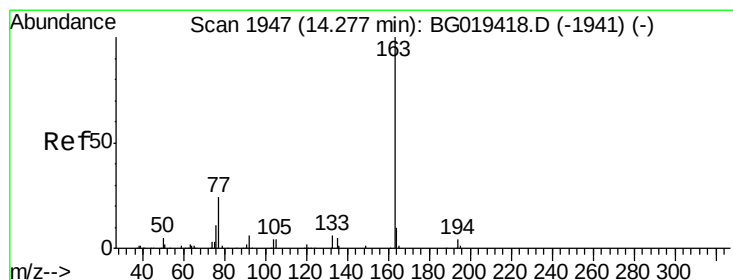
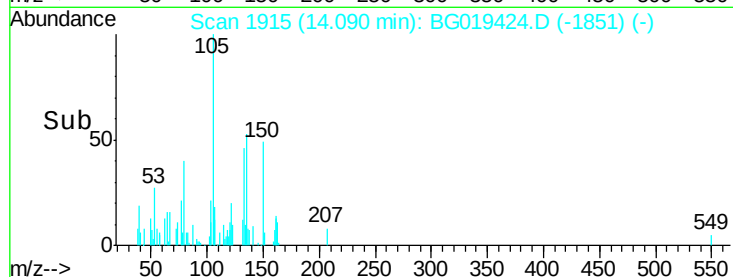
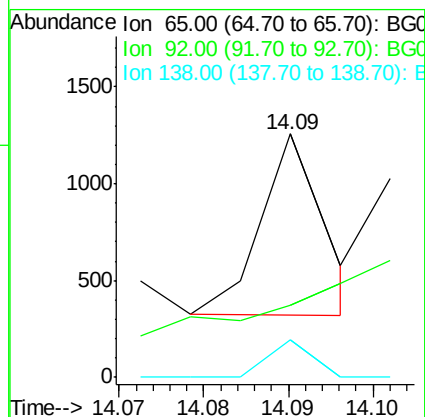
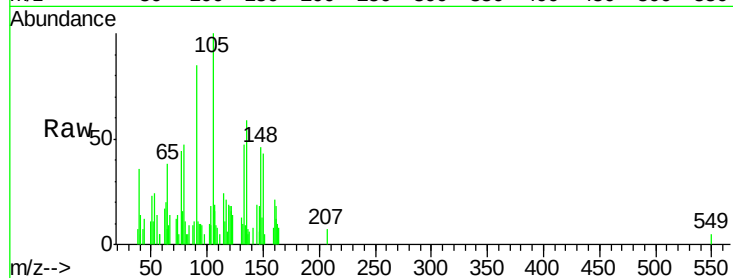
Tgt Ion: 65 Resp: 484

Ion Ratio Lower Upper

65 100

92 29.5 54.9 82.3#

138 15.7 64.4 96.6#



#45

Dimethylphthalate

Concen: 54.04 ng/ul

RT: 14.46 min Scan# 1978

Delta R.T. 0.18 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

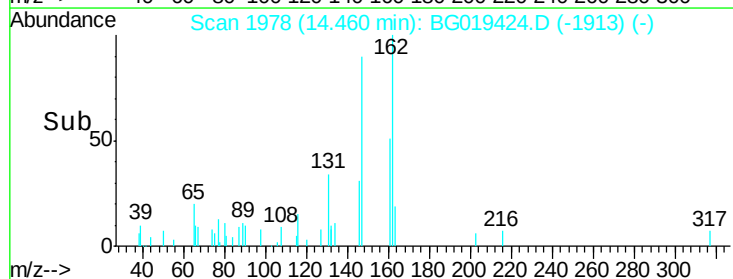
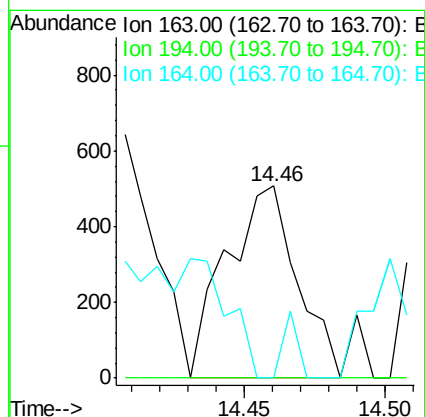
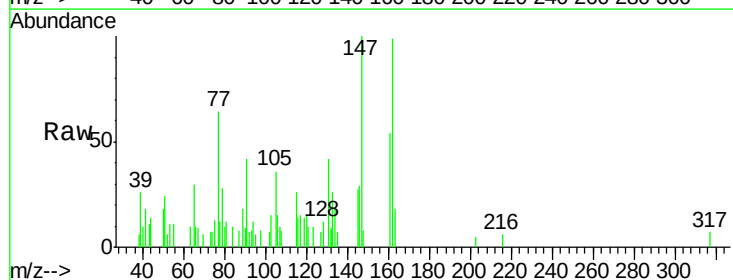
Tgt Ion: 163 Resp: 884

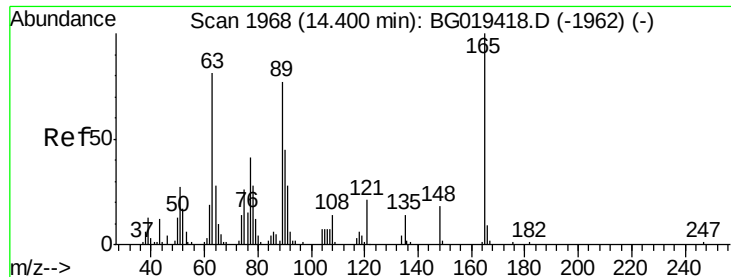
Ion Ratio Lower Upper

163 100

194 0.0 4.3 6.5#

164 0.0 7.5 11.3#

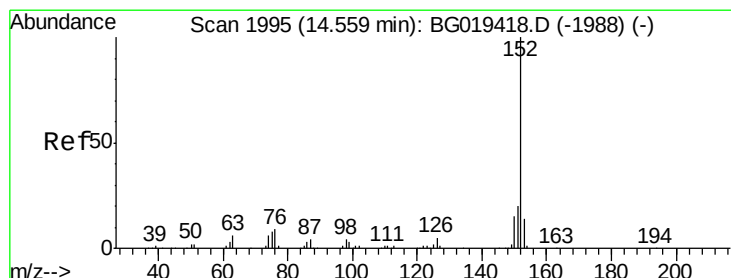
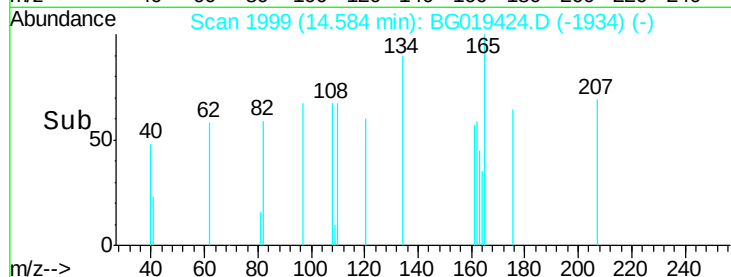
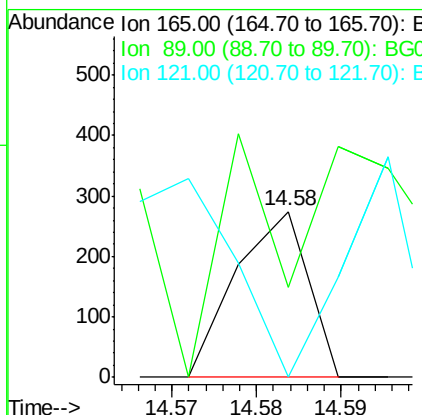
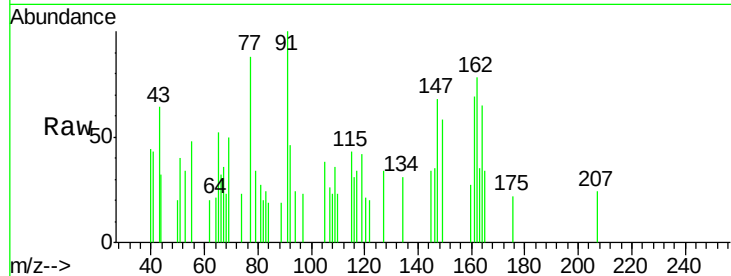




#46
 2,6-Dinitrotoluene
 Concen: 49.23 ng/ul
 RT: 14.58 min Scan# 1999
 Delta R.T. 0.18 min
 Lab File: BG019424.D
 Acq: 29 Oct 2015 19:23

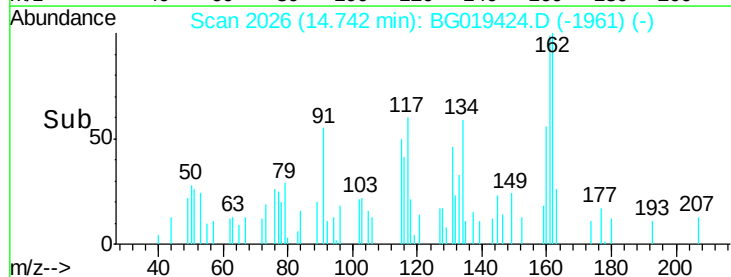
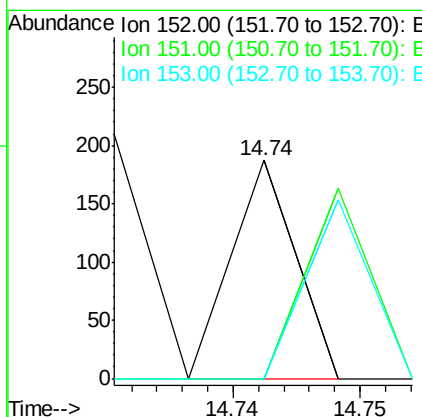
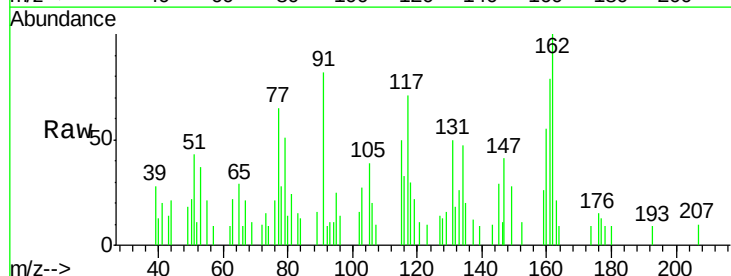
Instrument :
 BNA_G
 ClientSampleId :
 E5LS4DL2

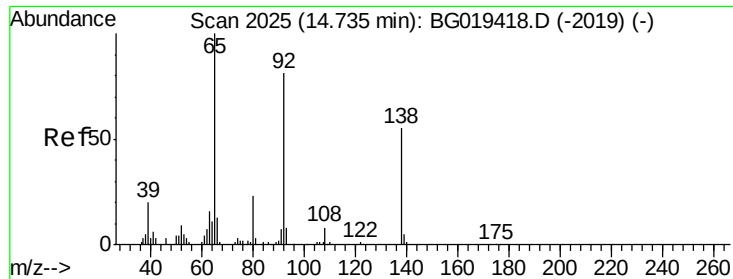
Tgt Ion:165 Resp: 163
 Ion Ratio Lower Upper
 165 100
 89 54.7 66.7 100.1#
 121 0.0 17.0 25.4#



#48
 Acenaphthylene
 Concen: 3.64 ng/ul
 RT: 14.74 min Scan# 2026
 Delta R.T. 0.18 min
 Lab File: BG019424.D
 Acq: 29 Oct 2015 19:23

Tgt Ion:152 Resp: 66
 Ion Ratio Lower Upper
 152 100
 151 0.0 16.9 25.3#
 153 0.0 10.8 16.2#





#49

3-Nitroaniline

Concen: 43.86 ng/ul

RT: 15.04 min Scan# 2076

Delta R.T. 0.30 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

Instrument :

BNA_G

ClientSampleId :

E5LS4DL2

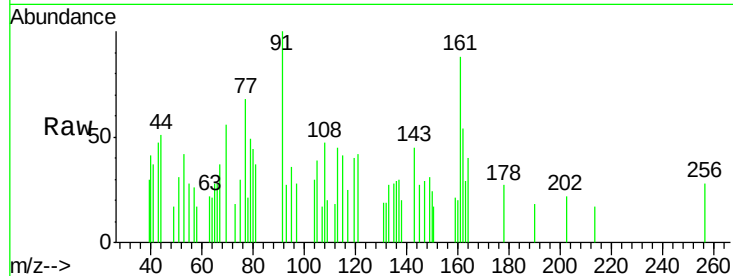
Tgt Ion:138 Resp: 125

Ion Ratio Lower Upper

138 100

108 238.0 11.7 17.5#

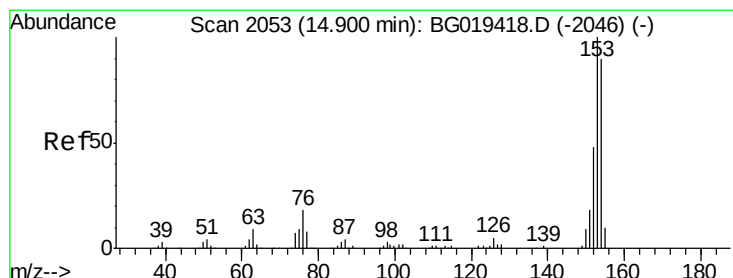
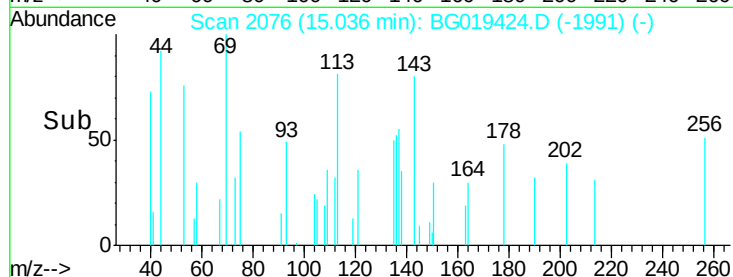
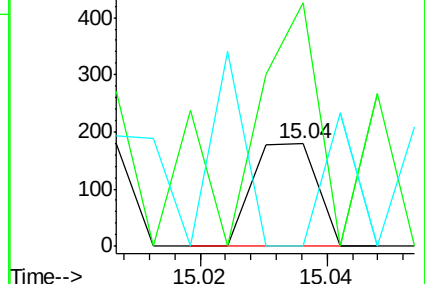
92 0.0 115.9 173.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#50

Acenaphthene

Concen: 8.89 ng/ul

RT: 15.06 min Scan# 2080

Delta R.T. 0.16 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

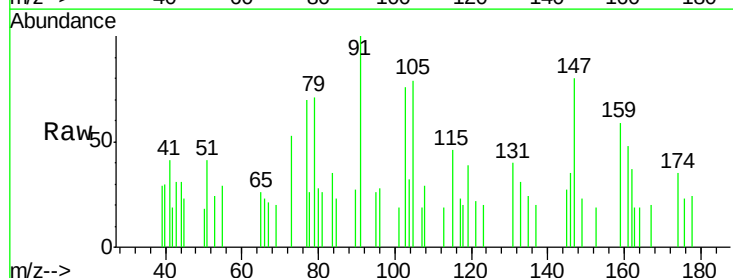
Tgt Ion:153 Resp: 109

Ion Ratio Lower Upper

153 100

152 0.0 38.8 58.2#

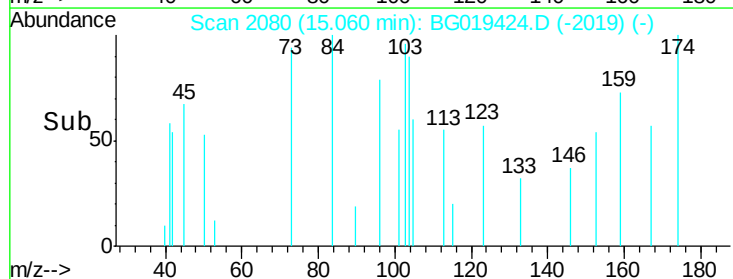
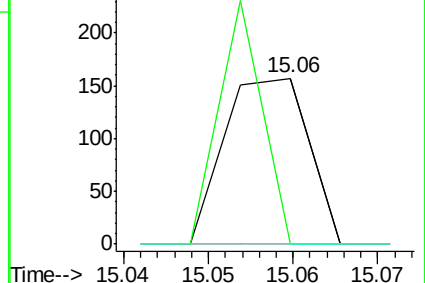
154 0.0 71.5 107.3#

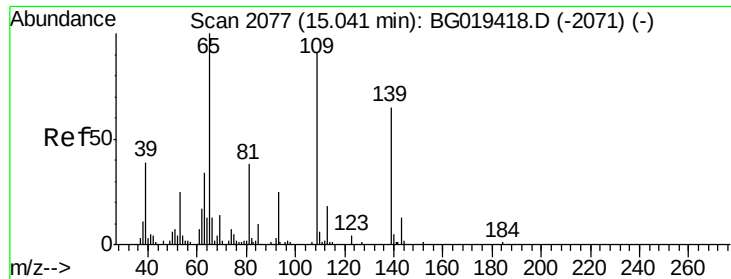


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

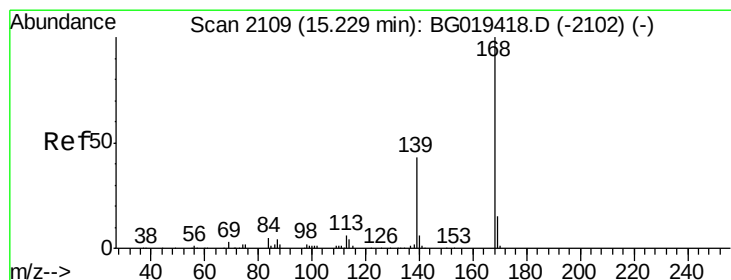
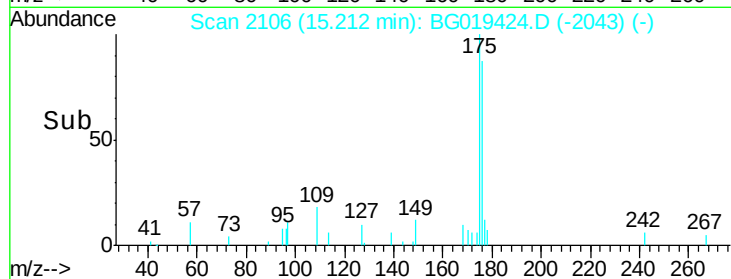
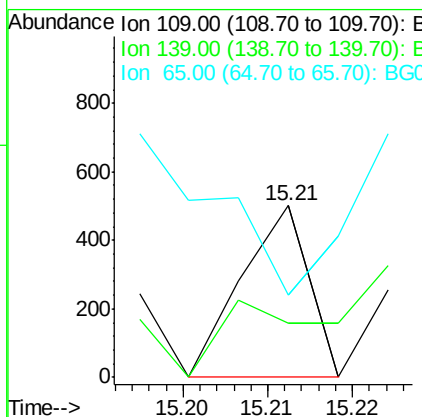
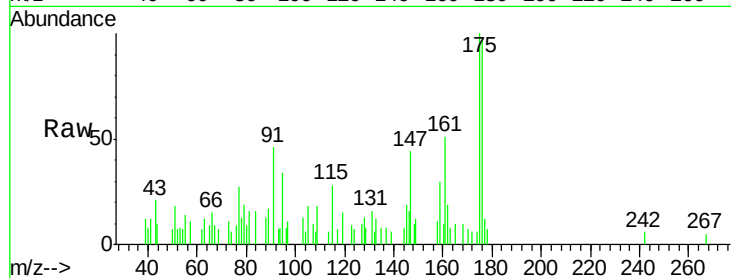




#53
4-Nitrophenol
Concen: 69.65 ng/ul
RT: 15.21 min Scan# 2106
Delta R.T. 0.17 min
Lab File: BG019424.D
Acq: 29 Oct 2015 19:23

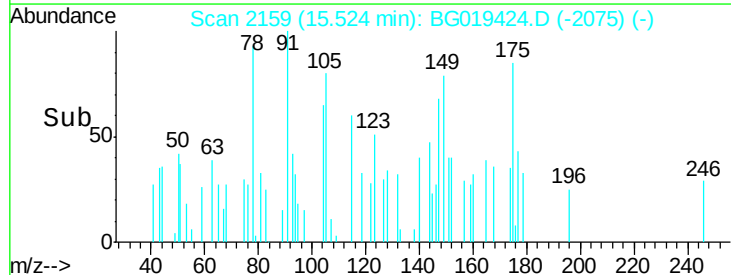
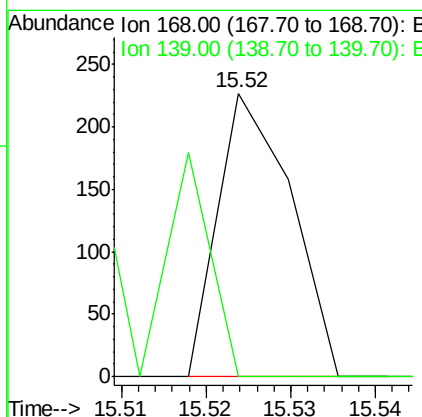
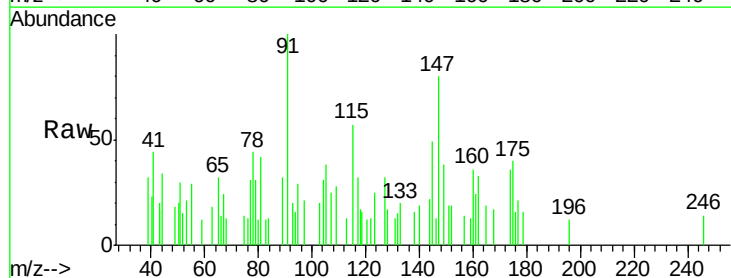
Instrument :
BNA_G
ClientSampleId :
E5LS4DL2

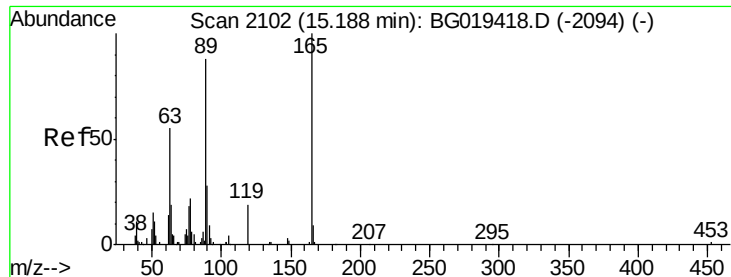
Tgt Ion:109 Resp: 276
Ion Ratio Lower Upper
109 100
139 31.7 41.5 62.3#
65 47.7 73.7 110.5#



#54
Dibenzofuran
Concen: 7.54 ng/ul
RT: 15.52 min Scan# 2159
Delta R.T. 0.30 min
Lab File: BG019424.D
Acq: 29 Oct 2015 19:23

Tgt Ion:168 Resp: 136
Ion Ratio Lower Upper
168 100
139 0.0 32.4 48.6#





#55

2,4-Dinitrotoluene

Concen: 24.67 ng/ul

RT: 15.38 min Scan# 2134

Delta R.T. 0.19 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

Instrument :

BNA_G

ClientSampleId :

E5LS4DL2

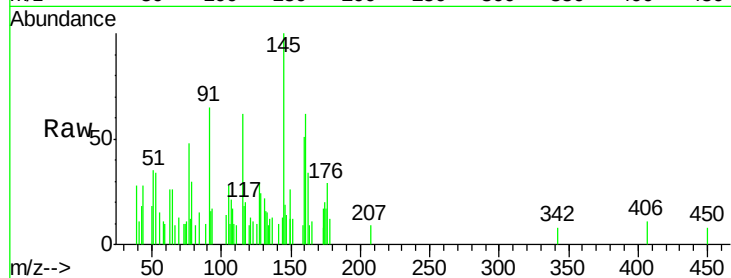
Tgt Ion:165 Resp: 129

Ion Ratio Lower Upper

165 100

63 226.5 51.1 76.7#

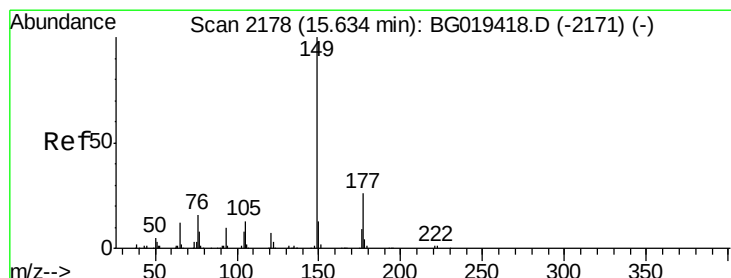
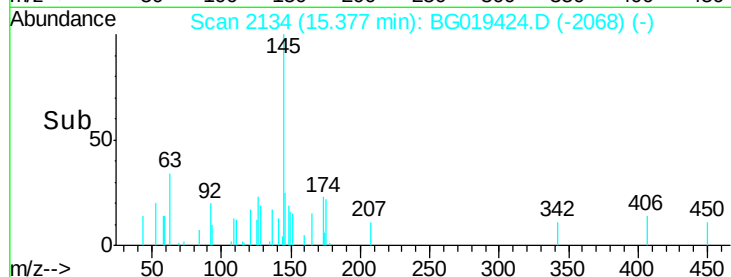
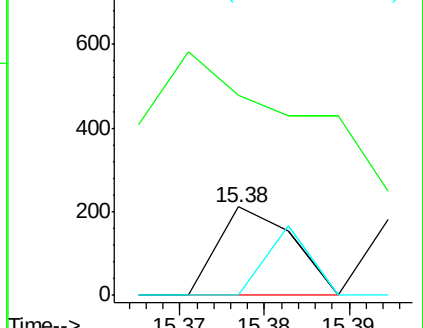
182 0.0 3.3 4.9#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E



#57

Diethylphthalate

Concen: 13.37 ng/ul

RT: 15.82 min Scan# 2210

Delta R.T. 0.19 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

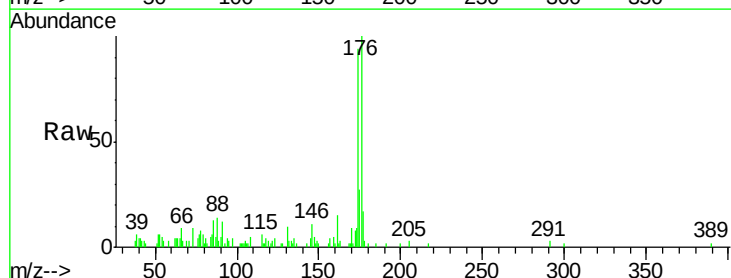
Tgt Ion:149 Resp: 216

Ion Ratio Lower Upper

149 100

177 598.8 20.6 30.8#

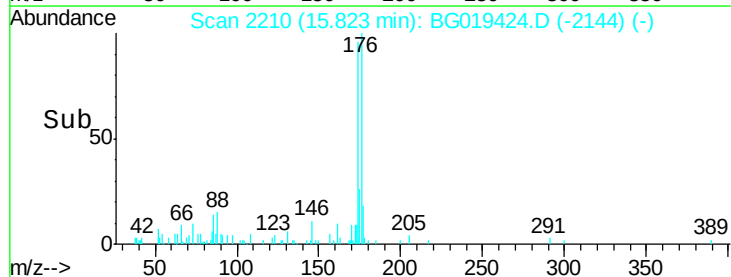
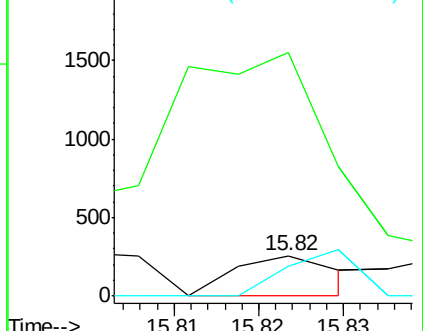
150 74.5 11.2 16.8#

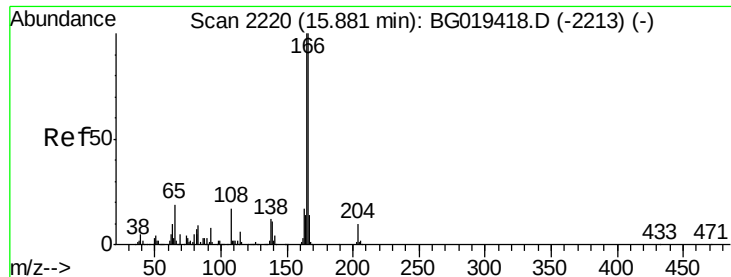


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 9.34 ng/ul

RT: 16.06 min Scan# 2251

Delta R.T. 0.18 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

Instrument :

BNA_G

ClientSampleId :

E5LS4DL2

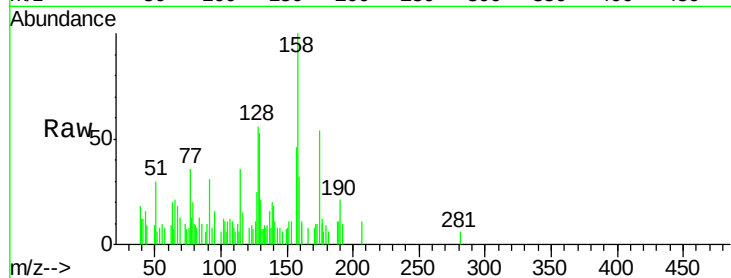
Tgt Ion:166 Resp: 147

Ion Ratio Lower Upper

166 100

165 0.0 77.6 116.4#

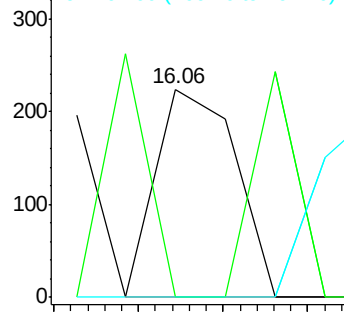
167 0.0 9.6 14.4#



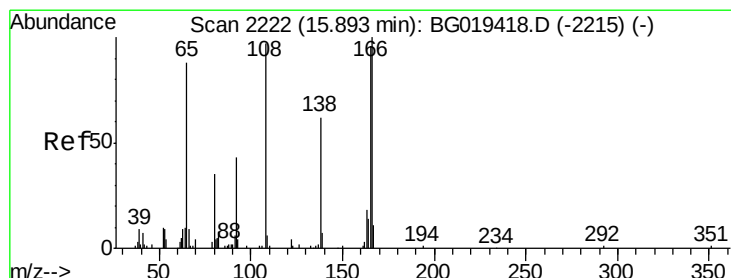
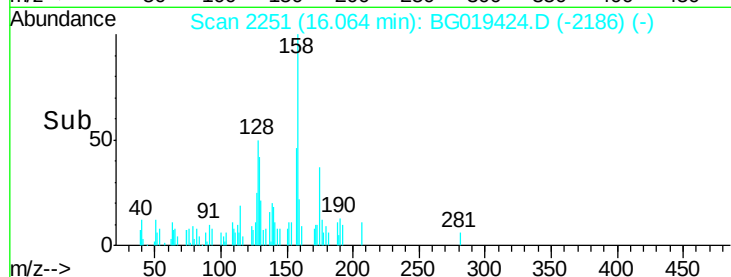
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 16.05 16.06 16.07 16.08



#61

4-Nitroaniline

Concen: 25.04 ng/ul

RT: 16.05 min Scan# 2249

Delta R.T. 0.16 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

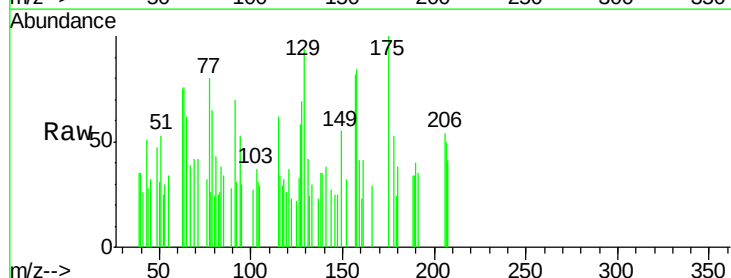
Tgt Ion:138 Resp: 82

Ion Ratio Lower Upper

138 100

92 89.7 53.9 80.9#

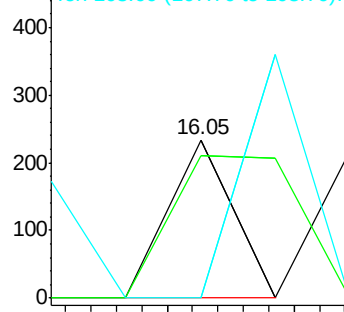
108 0.0 122.5 183.7#



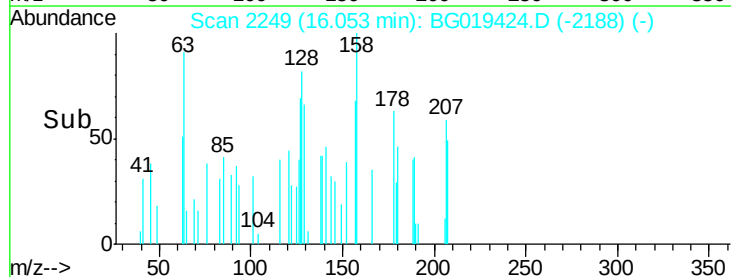
Abundance Ion 138.00 (137.70 to 138.70): E

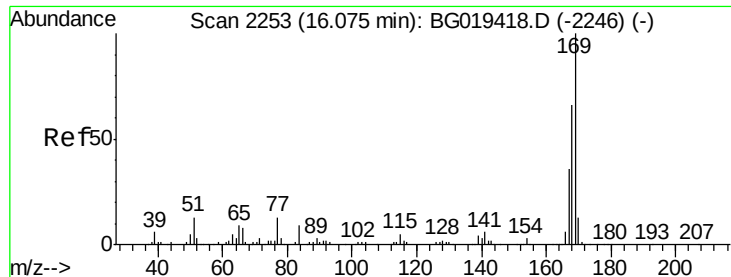
Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



Time--> 16.05 16.06





#65

N-Nitrosodiphenylamine

Concen: 13.74 ng/ul

RT: 16.10 min Scan# 2257

Delta R.T. 0.02 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

Instrument :

BNA_G

ClientSampleId :

E5LS4DL2

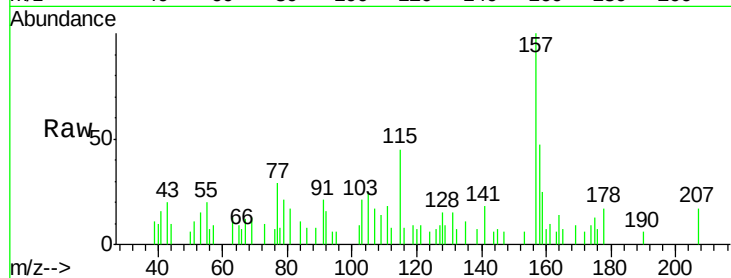
Tgt Ion:169 Resp: 139

Ion Ratio Lower Upper

169 100

168 0.0 51.1 76.7#

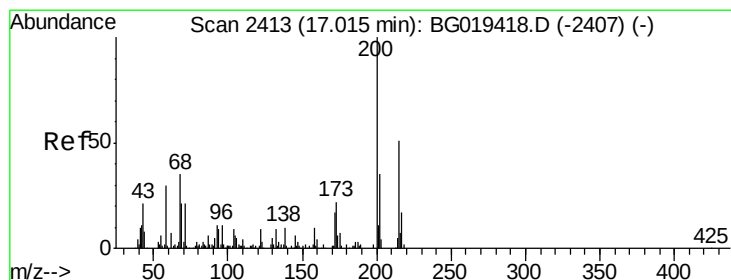
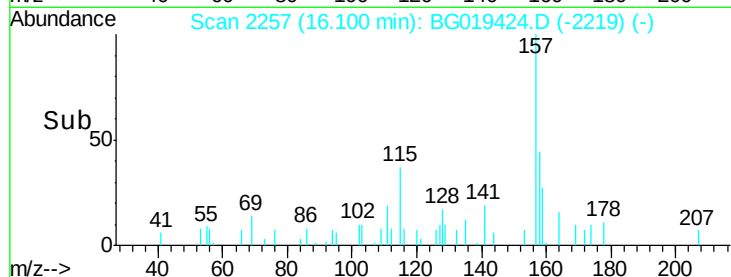
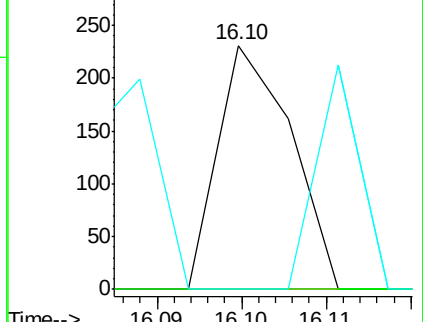
167 0.0 26.9 40.3#



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



#68

Atrazine

Concen: 27.93 ng/ul

RT: 17.22 min Scan# 2448

Delta R.T. 0.21 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

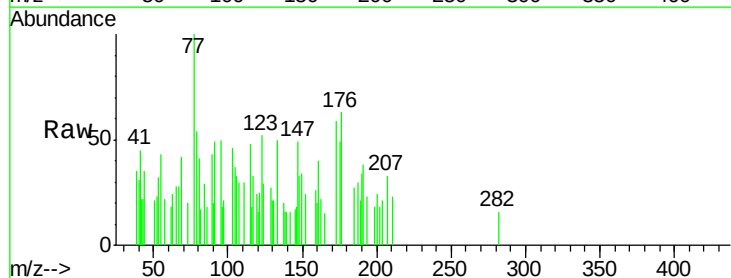
Tgt Ion:200 Resp: 140

Ion Ratio Lower Upper

200 100

173 249.4 16.9 25.3#

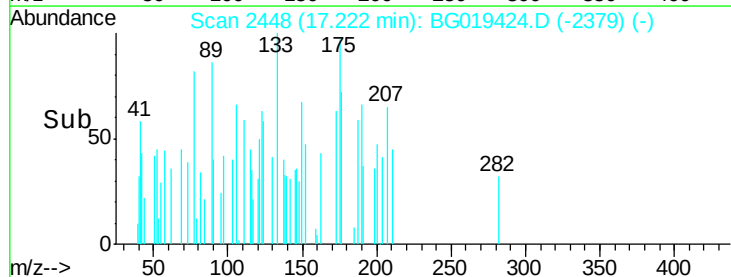
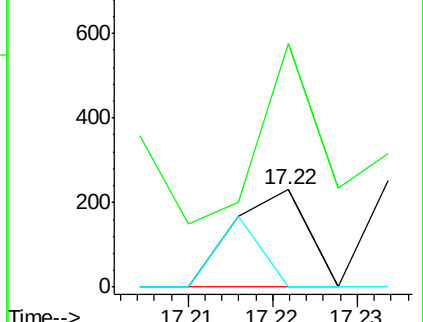
215 0.0 41.0 61.6#

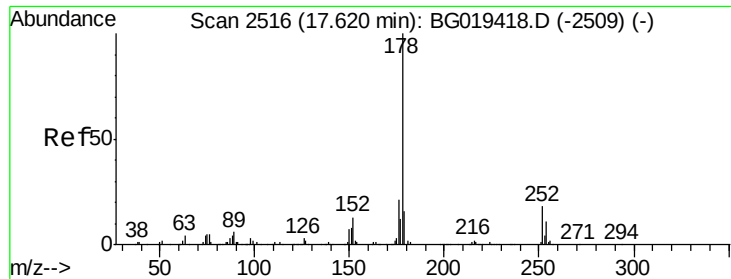


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 3.85 ng/ul

RT: 17.87 min Scan# 2559

Delta R.T. 0.25 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

Instrument :

BNA_G

ClientSampleId :

E5LS4DL2

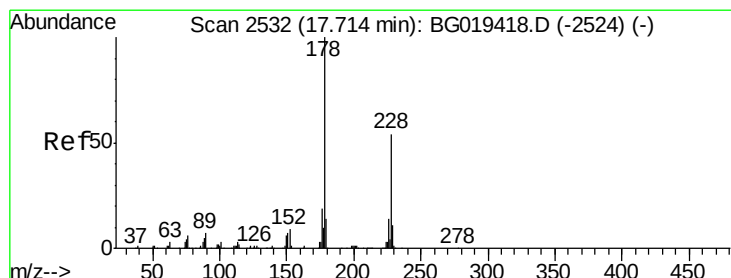
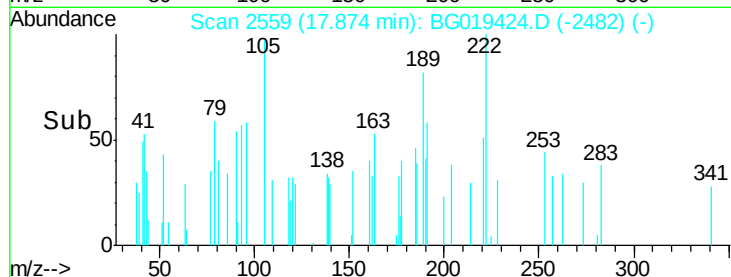
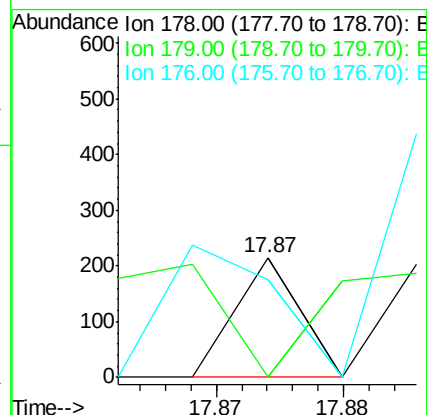
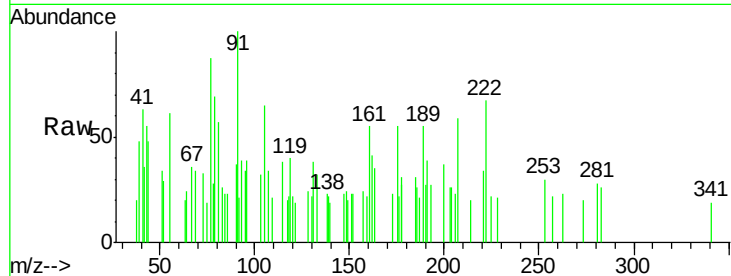
Tgt Ion:178 Resp: 76

Ion Ratio Lower Upper

178 100

179 0.0 12.6 18.8#

176 81.4 14.3 21.5#



#72

Anthracene

Concen: 8.75 ng/ul

RT: 17.92 min Scan# 2566

Delta R.T. 0.20 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

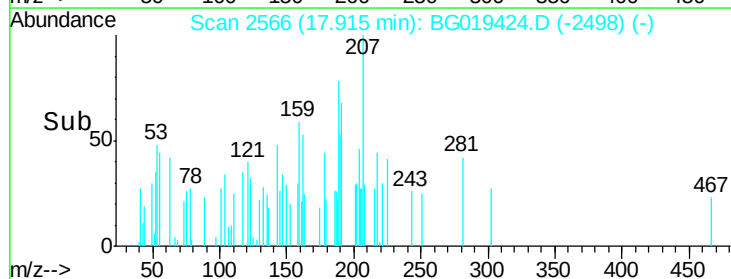
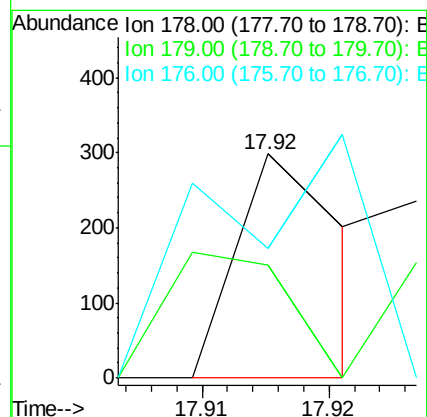
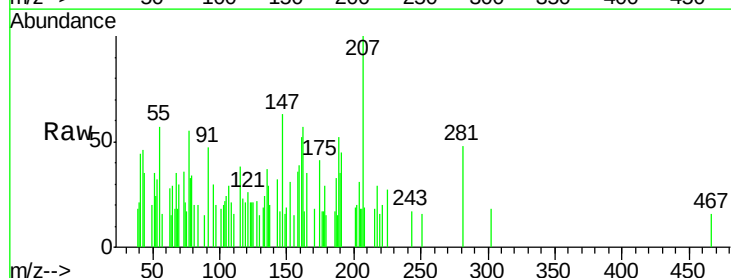
Tgt Ion:178 Resp: 176

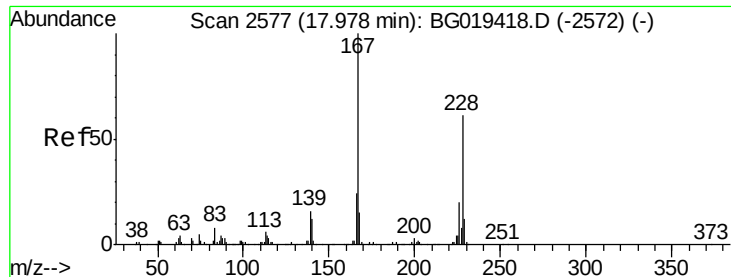
Ion Ratio Lower Upper

178 100

179 50.7 11.6 17.4#

176 58.1 14.2 21.4#





#75

Carbazole

Concen: 9.72 ng/ul

RT: 18.12 min Scan# 2601

Delta R.T. 0.14 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

Instrument :

BNA_G

ClientSampleId :

E5LS4DL2

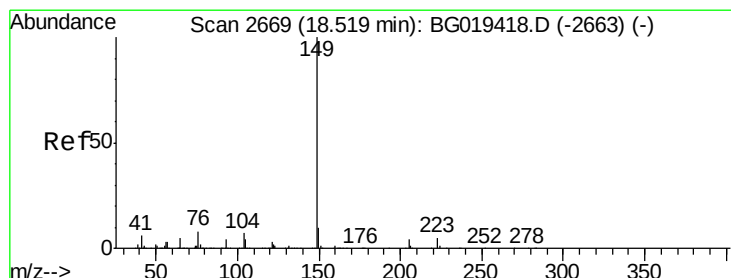
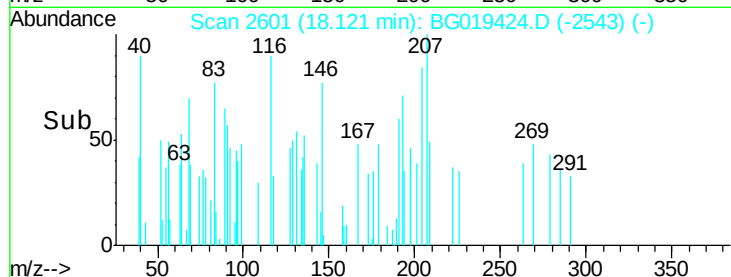
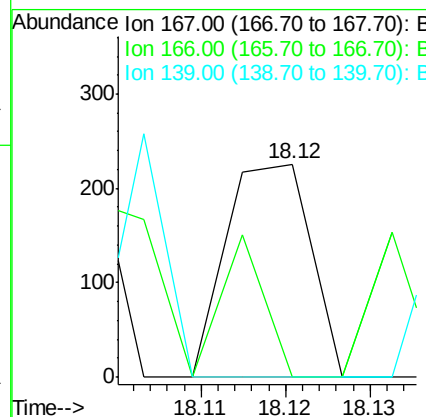
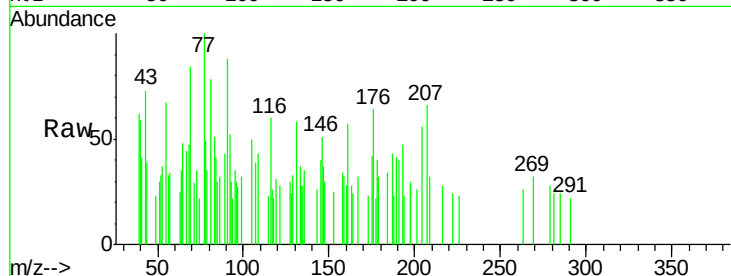
Tgt Ion:167 Resp: 156

Ion Ratio Lower Upper

167 100

166 0.0 16.8 25.2#

139 0.0 9.8 14.6#



#76

Di-n-butylphthalate

Concen: 20.41 ng/ul

RT: 18.75 min Scan# 2708

Delta R.T. 0.23 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

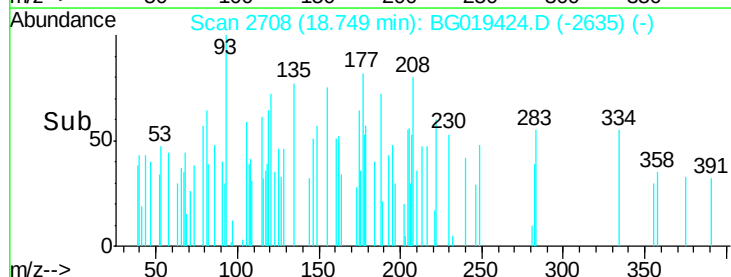
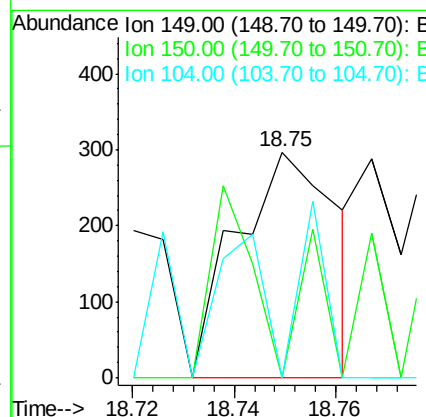
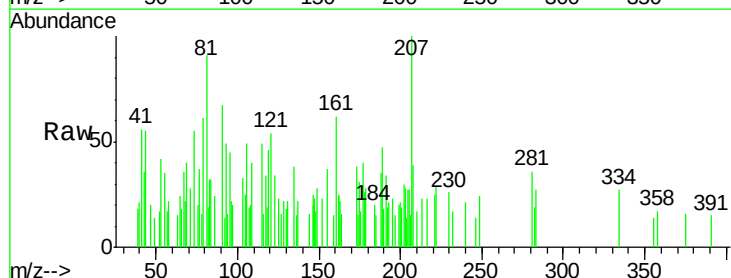
Tgt Ion:149 Resp: 406

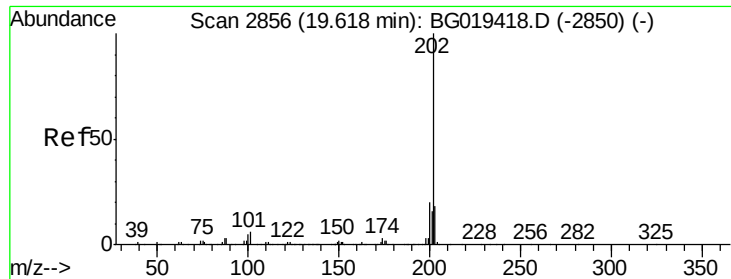
Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

104 0.0 6.9 10.3#

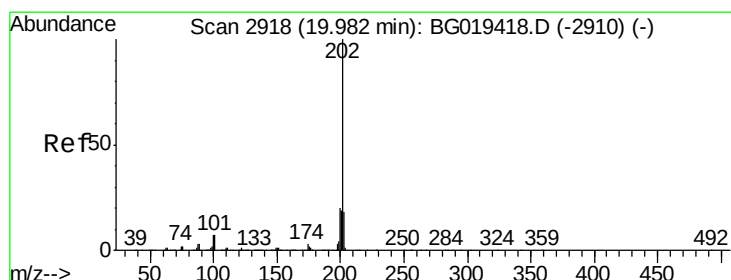
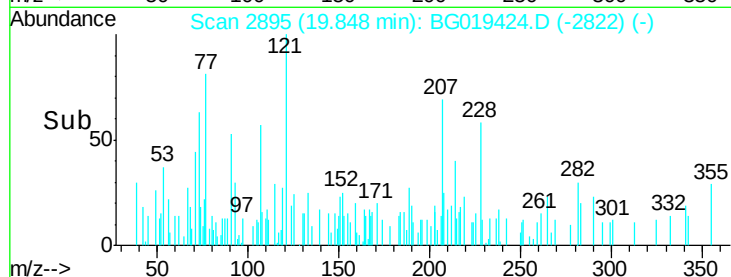
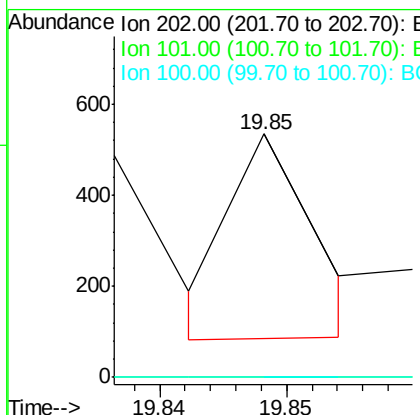
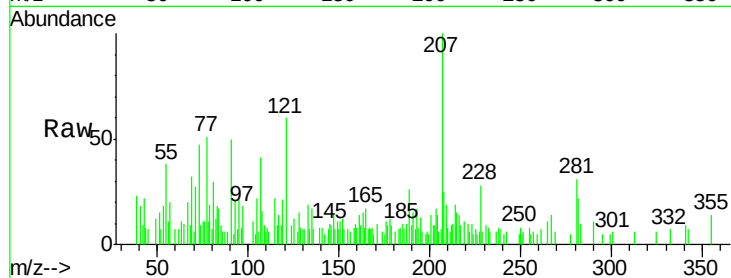




#77
 Fluoranthene
 Concen: 8.10 ng/ul
 RT: 19.85 min Scan# 2895
 Delta R.T. 0.23 min
 Lab File: BG019424.D
 Acq: 29 Oct 2015 19:23

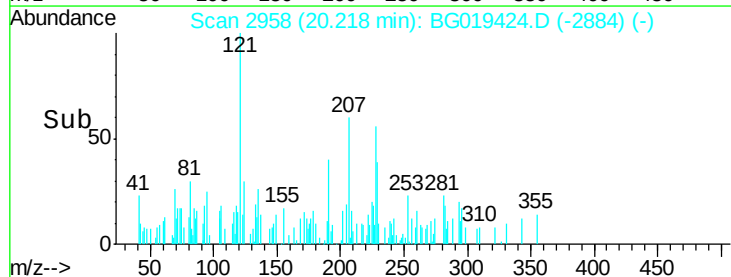
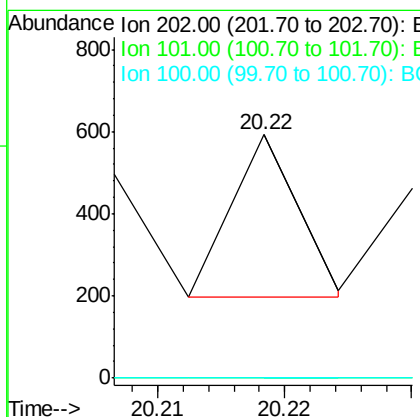
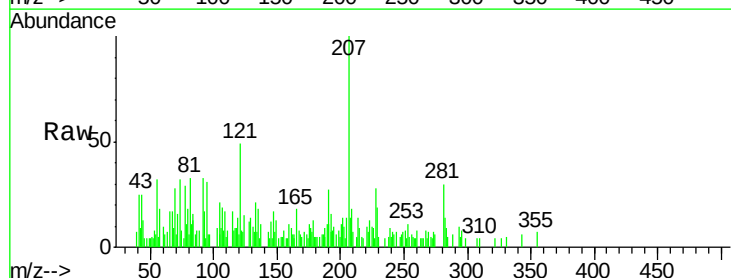
Instrument :
 BNA_G
 ClientSampleId :
 E5LS4DL2

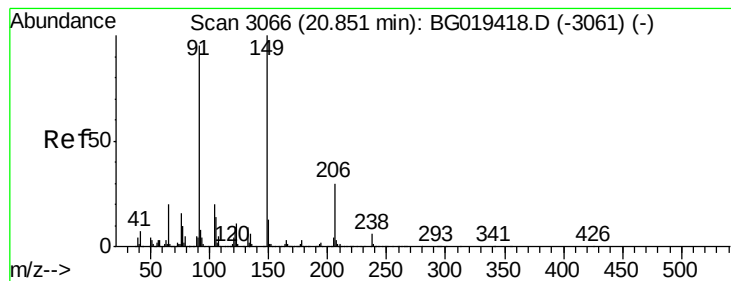
Tgt Ion:	202	Resp:	207
Ion	Ratio	Lower	Upper
202	100		
101	0.0	4.0	6.0#
100	0.0	3.6	5.4#



#80
 Pyrene
 Concen: 17.34 ng/ul
 RT: 20.22 min Scan# 2958
 Delta R.T. 0.24 min
 Lab File: BG019424.D
 Acq: 29 Oct 2015 19:23

Tgt Ion:	202	Resp:	145
Ion	Ratio	Lower	Upper
202	100		
101	0.0	4.3	6.5#
100	0.0	3.6	5.4#





#81

Butylbenzylphthalate

Concen: 75.44 ng/ul

RT: 21.09 min Scan# 3106

Delta R.T. 0.24 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

Instrument :

BNA_G

ClientSampleId :

E5LS4DL2

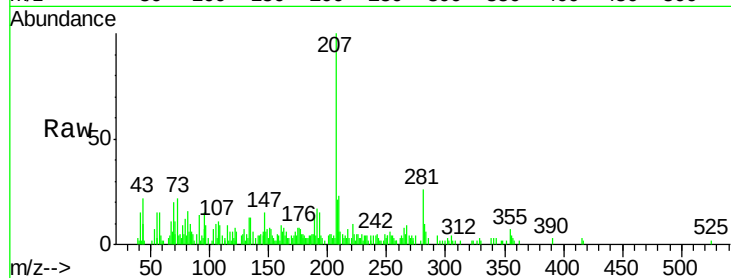
Tgt Ion:149 Resp: 205

Ion Ratio Lower Upper

149 100

91 198.6 76.5 114.7#

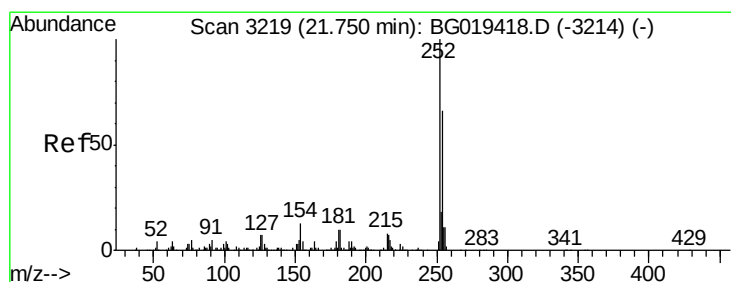
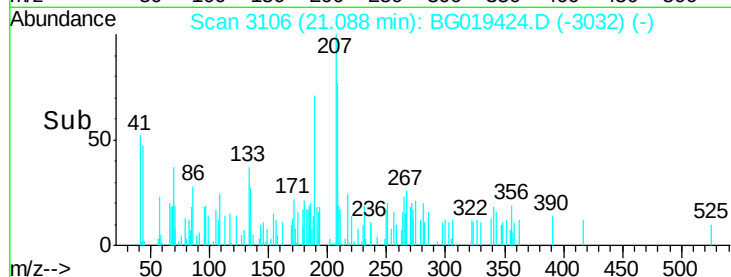
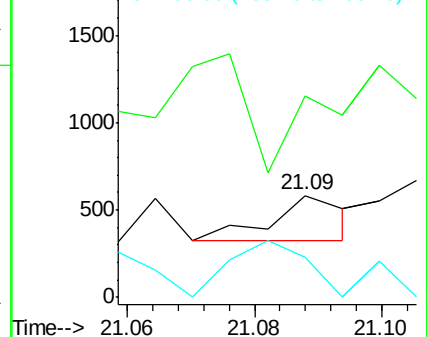
206 39.3 22.1 33.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#82

3,3'-Dichlorobenzidine

Concen: 134.97 ng/ul

RT: 22.00 min Scan# 3262

Delta R.T. 0.25 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

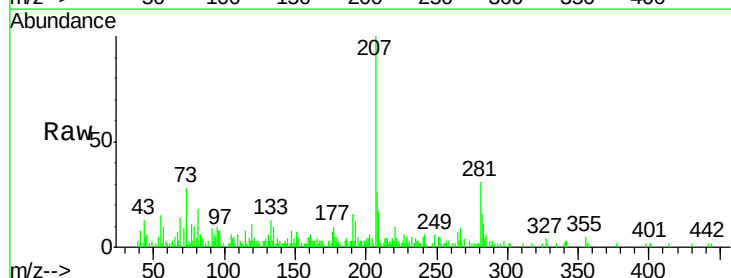
Tgt Ion:252 Resp: 394

Ion Ratio Lower Upper

252 100

254 0.0 49.2 73.8#

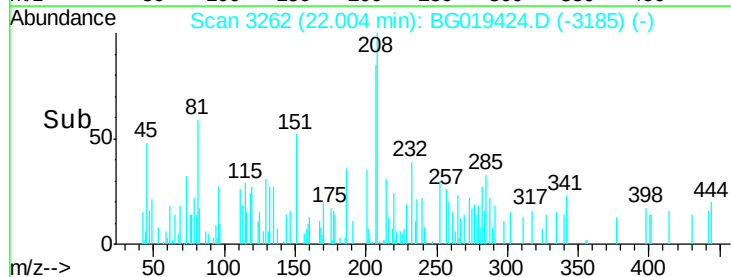
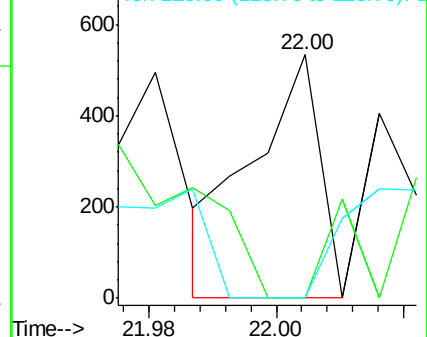
126 0.0 4.3 6.5#

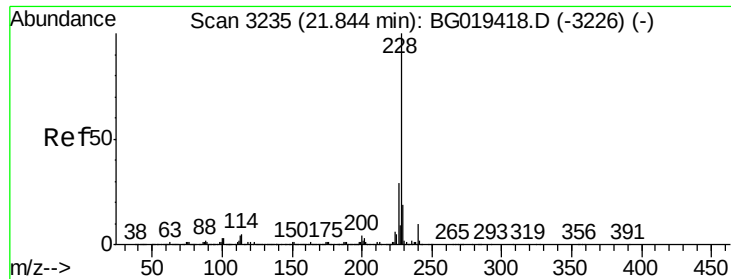


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Benzo(a)anthracene

Concen: 35.03 ng/ul

RT: 22.11 min Scan# 3280

Delta R.T. 0.27 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

Instrument :

BNA_G

ClientSampleId :

E5LS4DL2

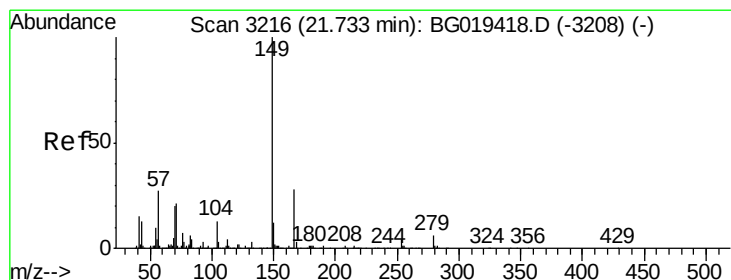
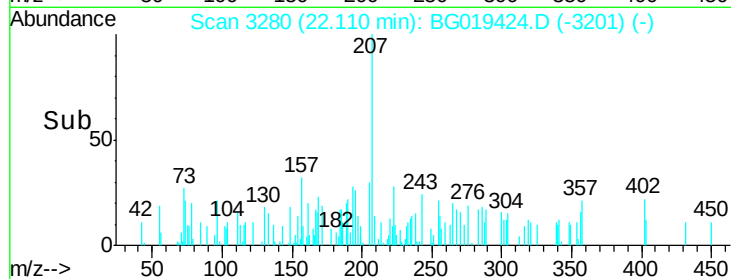
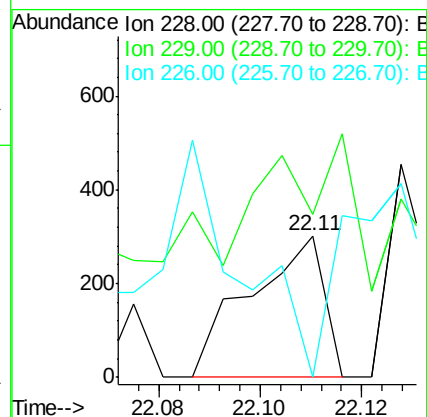
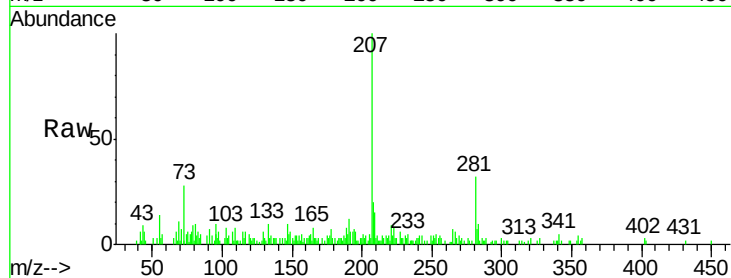
Tgt Ion:228 Resp: 304

Ion Ratio Lower Upper

228 100

229 115.3 15.8 23.8#

226 0.0 21.8 32.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 203.80 ng/ul

RT: 22.01 min Scan# 3263

Delta R.T. 0.28 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

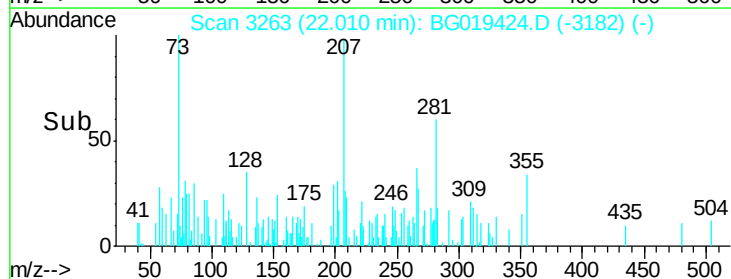
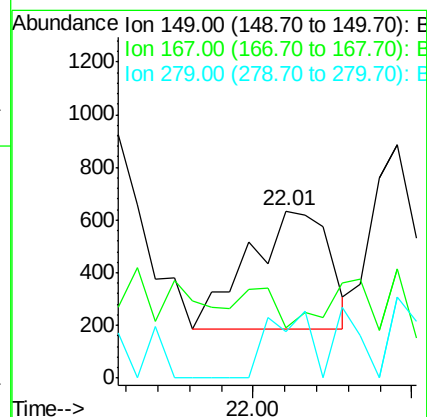
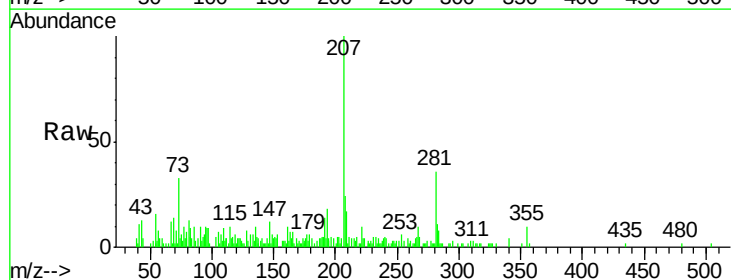
Tgt Ion:149 Resp: 787

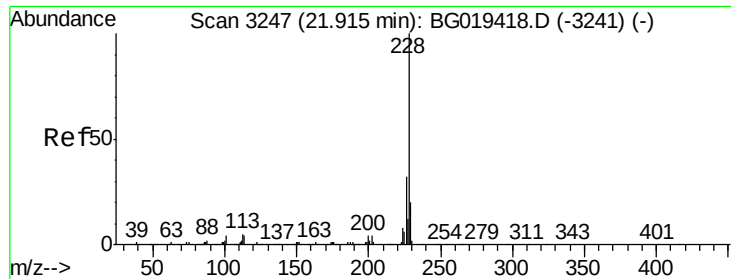
Ion Ratio Lower Upper

149 100

167 30.1 23.2 34.8

279 27.9 5.0 7.4#





#85

Chrysene

Concen: 9.58 ng/ul

RT: 22.16 min Scan# 3289

Delta R.T. 0.25 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

Instrument :

BNA_G

ClientSampleId :

E5LS4DL2

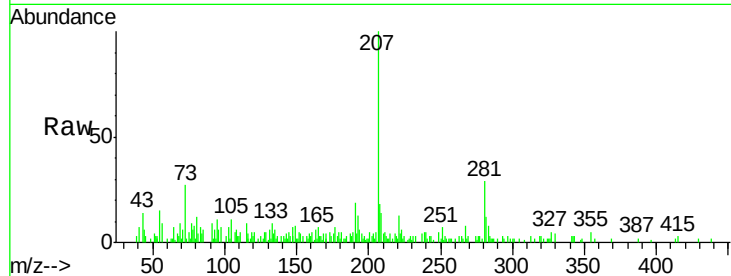
Tgt Ion:228 Resp: 78

Ion Ratio Lower Upper

228 100

226 0.0 24.6 36.8#

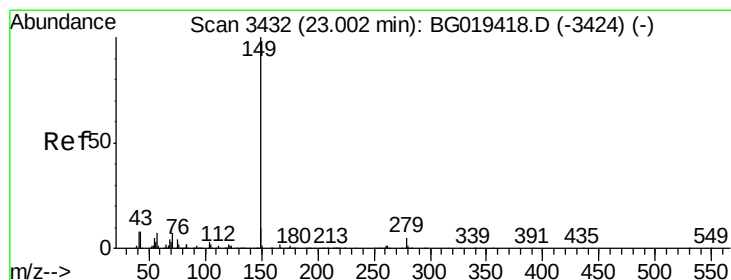
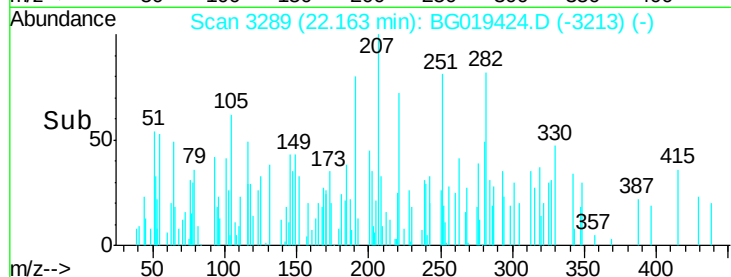
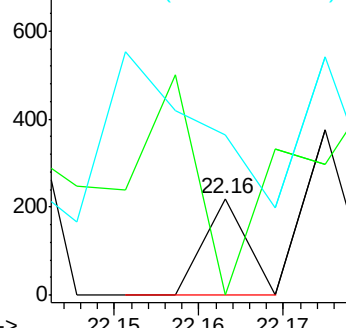
229 165.9 17.3 25.9#



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



#87

Di-n-octyl phthalate

Concen: 3.40 ng/ul

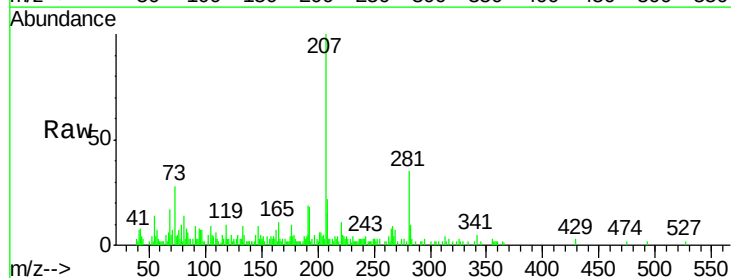
RT: 23.29 min Scan# 3481

Delta R.T. 0.29 min

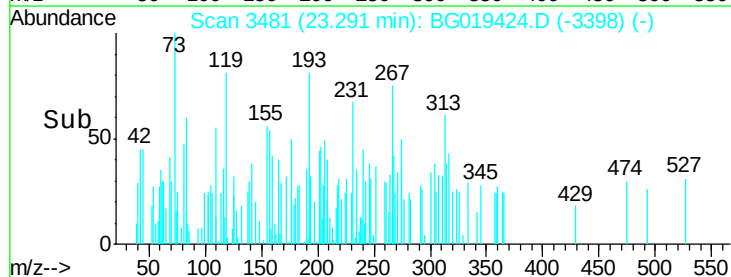
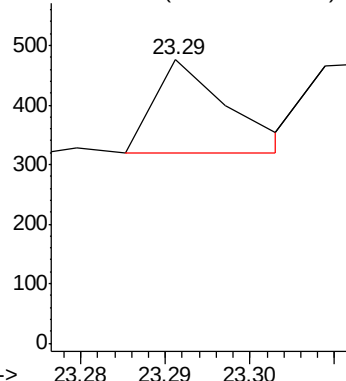
Lab File: BG019424.D

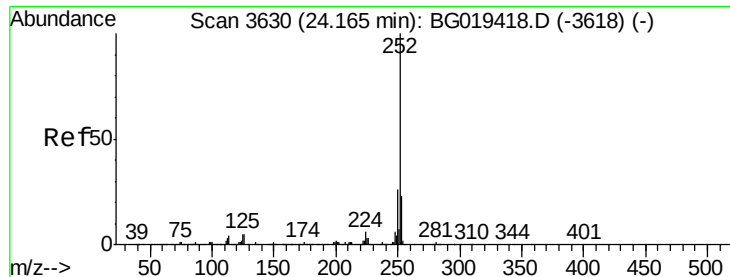
Acq: 29 Oct 2015 19:23

Tgt Ion:149 Resp: 96



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 4.38 ng/ul

RT: 24.46 min Scan# 3680

Delta R.T. 0.30 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

Instrument :

BNA_G

ClientSampleId :

E5LS4DL2

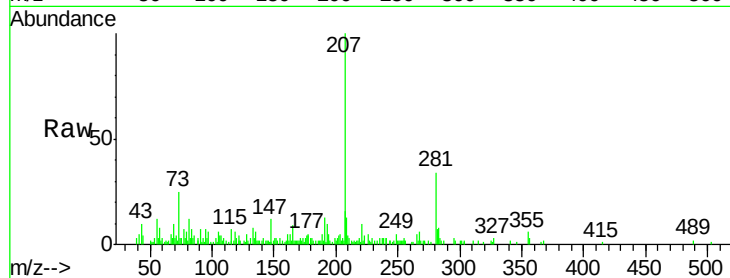
Tgt Ion:252 Resp: 161

Ion Ratio Lower Upper

252 100

253 68.1 17.1 25.7#

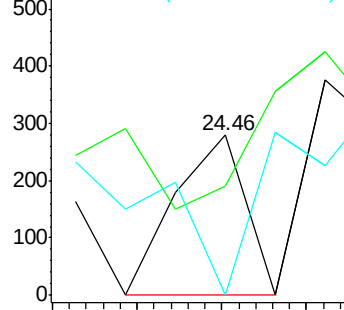
125 0.0 2.5 3.7#



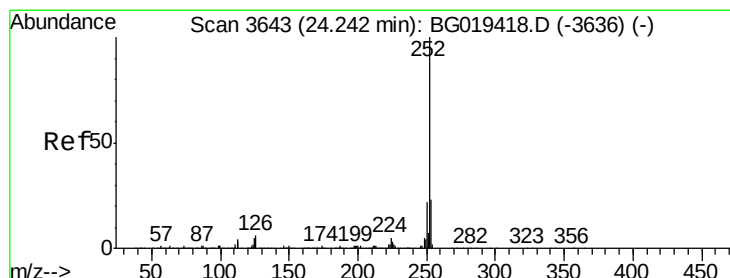
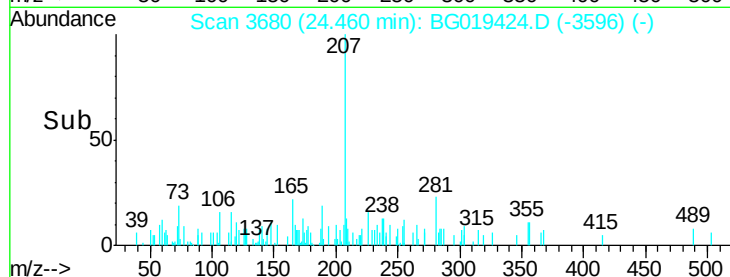
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 24.44 24.45 24.46 24.47



#89

Benzo(k)fluoranthene

Concen: 7.97 ng/ul

RT: 24.53 min Scan# 3692

Delta R.T. 0.29 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

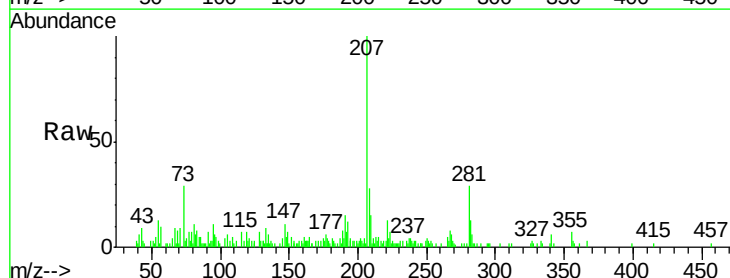
Tgt Ion:252 Resp: 282

Ion Ratio Lower Upper

252 100

253 133.5 17.2 25.8#

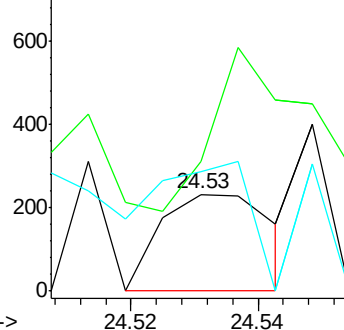
125 123.2 3.1 4.7#



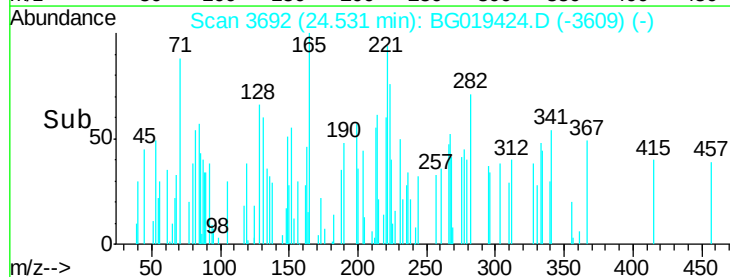
Abundance Ion 252.00 (251.70 to 252.70): E

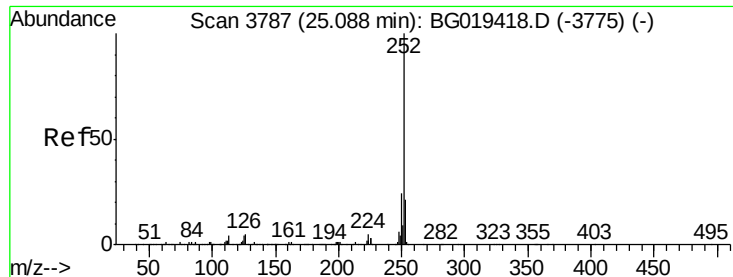
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 24.52 24.54





#91

Benzo(a)pyrene

Concen: 10.42 ng/ul

RT: 25.39 min Scan# 3838

Delta R.T. 0.30 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

Instrument :

BNA_G

ClientSampleId :

E5LS4DL2

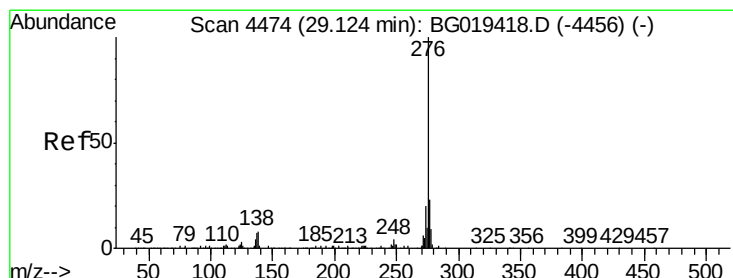
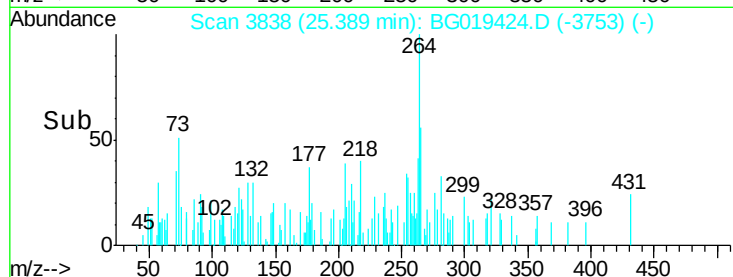
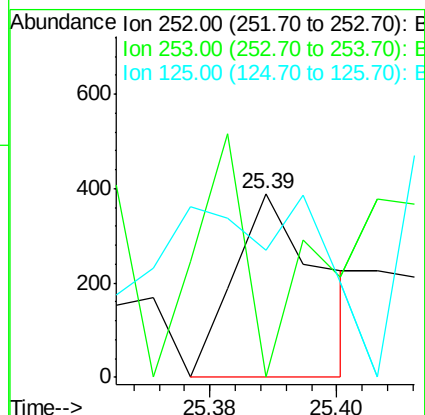
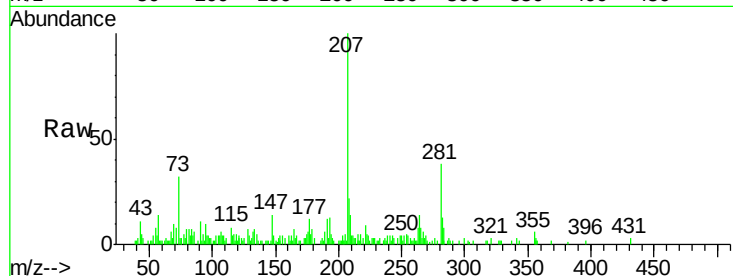
Tgt Ion:252 Resp: 368

Ion Ratio Lower Upper

252 100

253 0.0 16.0 24.0#

125 69.0 3.3 4.9#



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.65 ng/ul

RT: 29.50 min Scan# 4537

Delta R.T. 0.37 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

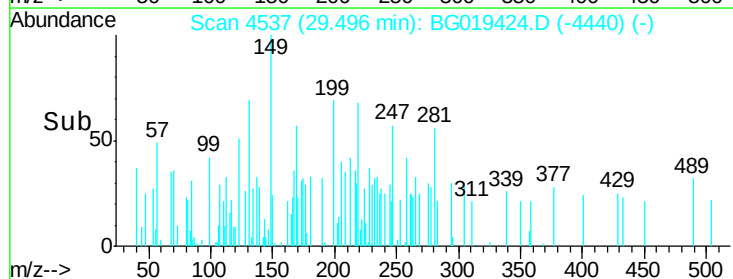
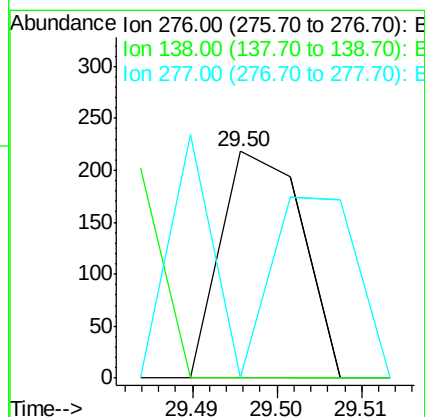
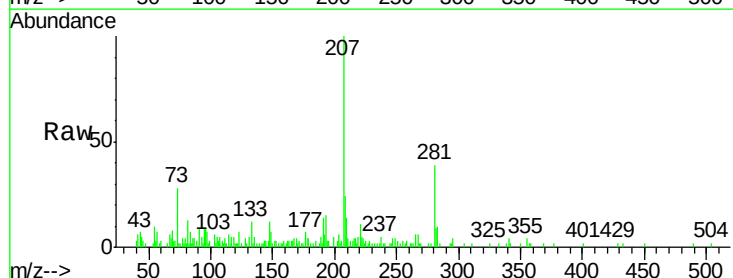
Tgt Ion:276 Resp: 145

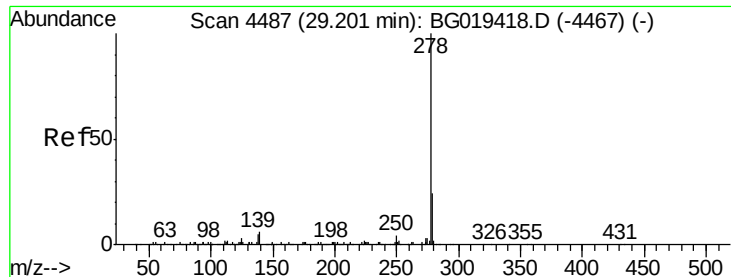
Ion Ratio Lower Upper

276 100

138 0.0 6.2 9.4#

277 0.0 17.9 26.9#





#93

Dibenzo(a,h)anthracene

Concen: 4.22 ng/ul

RT: 29.50 min Scan# 4537

Delta R.T. 0.30 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

Instrument :

BNA_G

ClientSampleId :

E5LS4DL2

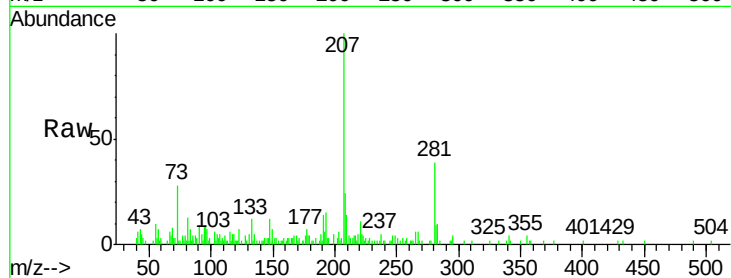
Tgt Ion:278 Resp: 140

Ion Ratio Lower Upper

278 100

139 97.1 5.8 8.6#

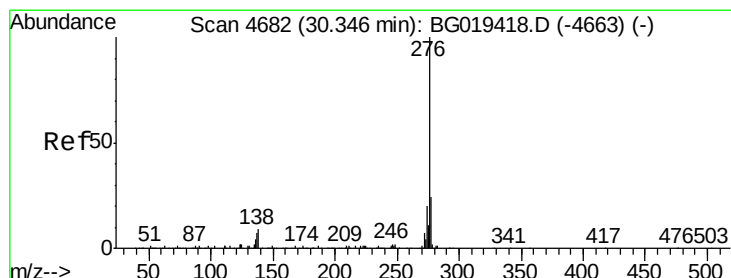
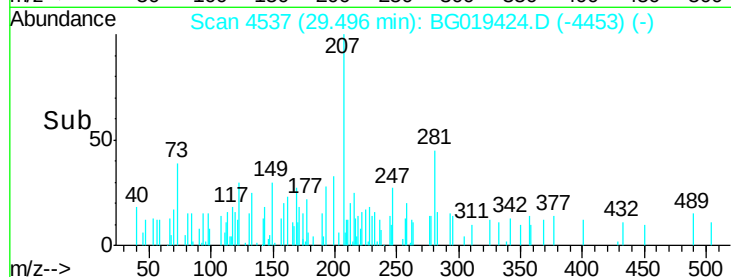
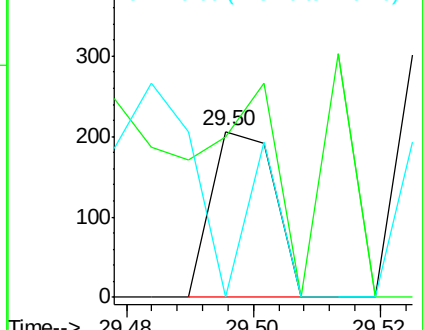
279 0.0 20.3 30.5#



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



#94

Benzo(g,h,i)perylene

Concen: 1.79 ng/ul

RT: 30.72 min Scan# 4745

Delta R.T. 0.37 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

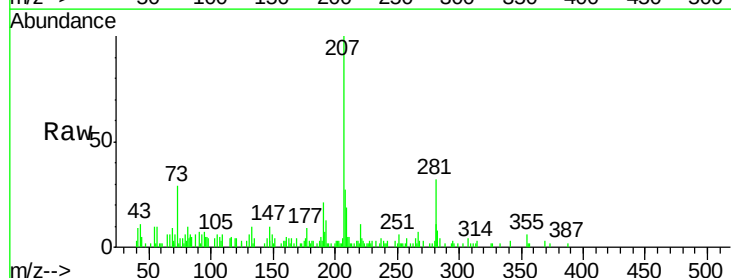
Tgt Ion:276 Resp: 54

Ion Ratio Lower Upper

276 100

138 0.0 5.6 8.4#

277 0.0 16.0 24.0#



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

