

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
 Data File : BG019254.D
 Acq On : 20 Oct 2015 00:13
 Operator : UM/NP
 Sample : G3996-15RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK2

Quant Time: Oct 20 06:05:28 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	24179	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	22086	20.00	ng/ul	-0.16
36) Acenaphthene-d10	14.42	164	14131	20.00	ng/ul	-0.21
62) Phenanthrene-d10	17.11	188	4591	20.00	ng/ul	-0.27
78) Chrysene-d12	21.32	240	758	20.00	ng/ul	-0.33
86) Perylene-d12	24.47	264	403	20.00	ng/ul	-0.38

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	651	1.50	ng/uL	0.00
5) Phenol-d5	7.20	99	29689	14.07	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.33	67	19398	14.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	24060	15.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	24265	13.57	ng/ul	0.03
19) Nitrobenzene-d5	9.17	128	12377	72.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	14344	79.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.79	131	3576	7.76	ng/ul	-0.15
44) Dimethylphthalate-d6	13.83	166	14847	12.01	ng/ul	-0.21
47) Acenaphthylene-d8	14.10	160	1997	1.49	ng/ul	-0.23
52) 4-Nitrophenol-d4	14.63	143	3467	15.60	ng/ul	-0.23
58) Fluorene-d10	15.37	176	27674	26.20	ng/ul	-0.26
63) 4,6-Dinitro-2-methylphenol	15.51	200	325	11.47	ng/ul	-0.24
71) Anthracene-d10	17.28	188	114389	527.36	ng/ul	-0.20
79) Pyrene-d10	19.35	212	48541	1411.87	ng/ul	-0.41
90) Benzo(a)pyrene-d12	24.24	264	252	12.38	ng/ul	-0.39

Target Compounds

						Ovalue
14) Acetophenone	8.83	105	8011	2.65	ng/ul#	38
17) Hexachloroethane	9.11	117	1104	1.62	ng/ul#	1
20) Nitrobenzene	9.05	77	1502	3.22	ng/ul#	32
25) Bis(2-Chloroethoxy)methane	10.04	93	6080	12.95	ng/ul#	1
30) 4-Chloroaniline	10.87	127	18021	37.96	ng/ul#	12
32) Caprolactam	11.52	113	169	1.26	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.91	107	39137	86.02	ng/ul#	25
35) 1-Methylnaphthalene	12.48	142	151714	169.29	ng/ul#	94
42) 2-Chloronaphthalene	13.32	162	11303	13.25	ng/ul#	72
43) 2-Nitroaniline	13.47	65	57639	172.69	ng/ul#	29
45) Dimethylphthalate	13.88	163	1763	1.42	ng/ul#	1
46) 2,6-Dinitrotoluene	14.02	165	17193	72.43	ng/ul#	1
48) Acenaphthylene	14.10	152	28629	19.43	ng/ul#	67
49) 3-Nitroaniline	14.36	138	1059	4.65	ng/ul#	59
51) 2,4-Dinitrophenol	14.54	184	381	2.80	ng/ul#	1
53) 4-Nitrophenol	14.66	109	526	2.17	ng/ul#	1
54) Dibenzofuran	14.89	168	811503	581.99	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.10	232	406	1.36	ng/ul#	1
57) Diethylphthalate	15.22	149	21334	16.51	ng/ul#	62
59) Fluorene	15.45	166	3716	3.11	ng/ul#	1
60) 4-Chlorophenyl-phenylether	15.42	204	971	1.58	ng/ul#	1
61) 4-Nitroaniline	15.51	138	6950	25.78	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.52	198	138	4.82	ng/ul#	1

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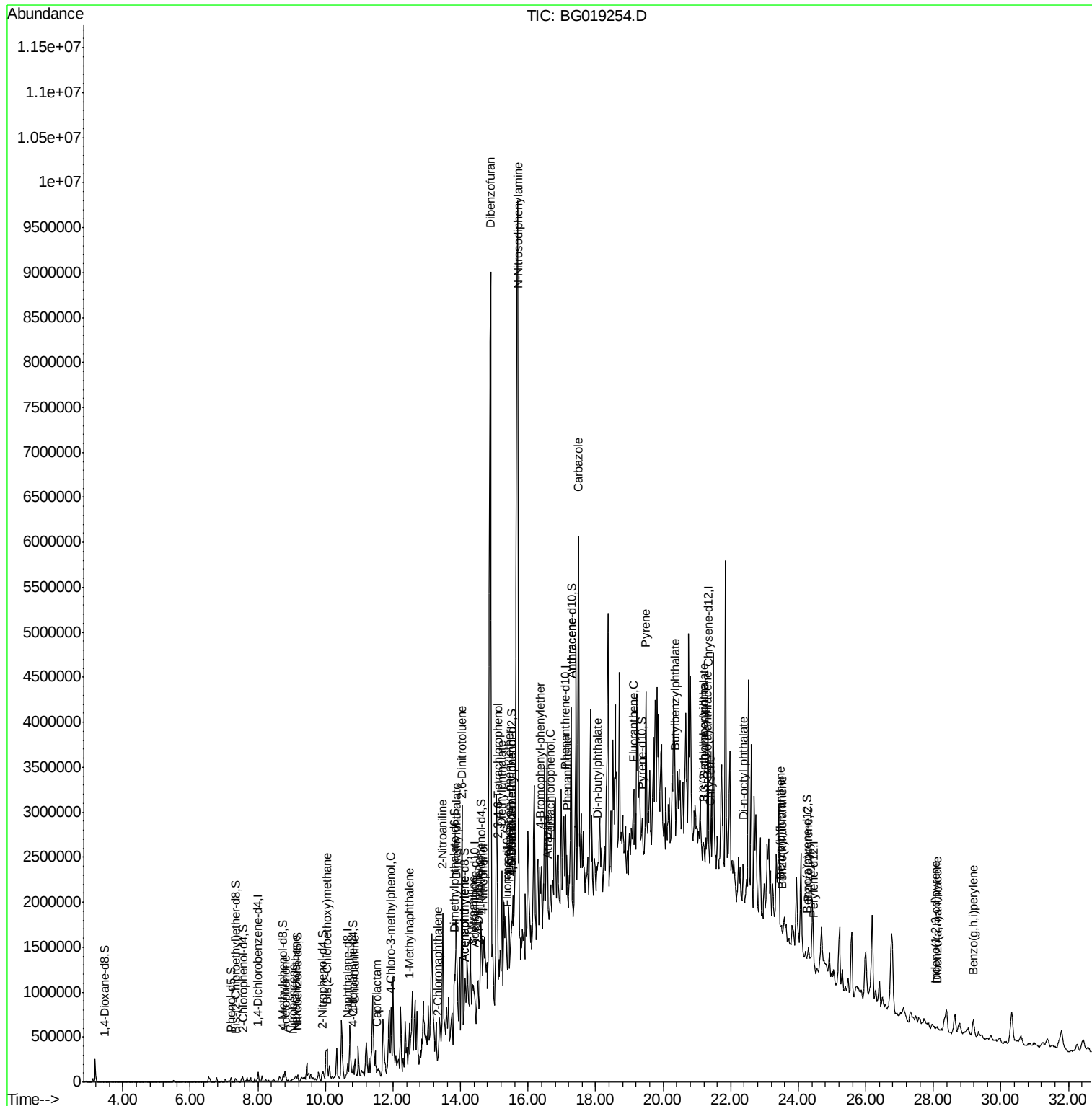
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

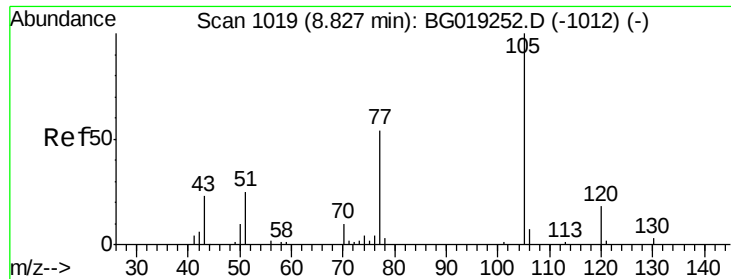
65) N-Nitrosodiphenylamine	15.69	169	238366	1889.16	ng/ul#	1
66) 4-Bromophenyl-phenylether	16.36	248	57	1.10	ng/ul#	1
68) Atrazine	16.60	200	6168	101.69	ng/ul#	1
69) Pentachlorophenol	16.66	266	139	4.50	ng/ul#	17
70) Phenanthrene	17.15	178	12242	47.76	ng/ul#	1
72) Anthracene	17.28	178	26849	103.09	ng/ul#	1
75) Carbazole	17.50	167	32998	146.97	ng/ul#	1
76) Di-n-butylphthalate	18.06	149	478	1.62	ng/ul#	1
77) Fluoranthene	19.14	202	1043	3.25	ng/ul#	33
80) Pvrene	19.49	202	694815	15444.19	ng/ul#	89
81) Butylbenzylphthalate	20.36	149	212	12.96	ng/ul#	1
82) 3,3'-Dichlorobenzidine	21.21	252	249	17.98	ng/ul#	59
83) Benzo(a)anthracene	21.30	228	3880	90.63	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.22	149	301	13.31	ng/ul#	1
85) Chrysene	21.39	228	3348	82.68	ng/ul#	1
87) Di-n-octyl phthalate	22.37	149	15432	719.52	ng/ul	100
88) Benzo(b)fluoranthene	23.48	252	408	17.85	ng/ul#	1
89) Benzo(k)fluoranthene	23.53	252	405	18.06	ng/ul#	1
91) Benzo(a)pyrene	24.30	252	1612	73.34	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	28.05	276	146	5.59	ng/ul#	1
93) Dibenzo(a,h)anthracene	28.12	278	559	24.58	ng/ul#	1
94) Benzo(g,h,i)perylene	29.18	276	328	15.28	ng/ul#	1

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

```
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ALS Vial  : 15      Sample Multiplier: 1
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#14

Acetophenone

Concen: 2.65 ng/ul

RT: 8.83 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

Instrument :

BNA_G

ClientSampleId :

E5LK2

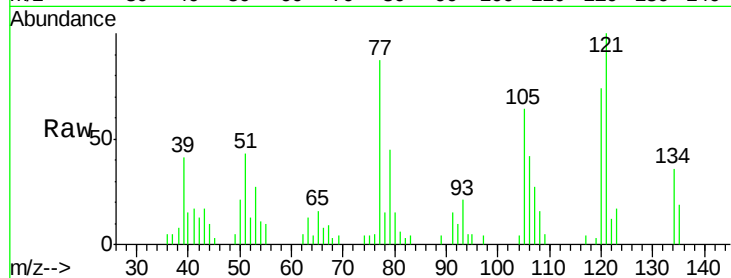
Tot Ion:105 Resp: 8011

Ion Ratio Lower Upper

105 100

77 134.9 63.8 95.6#

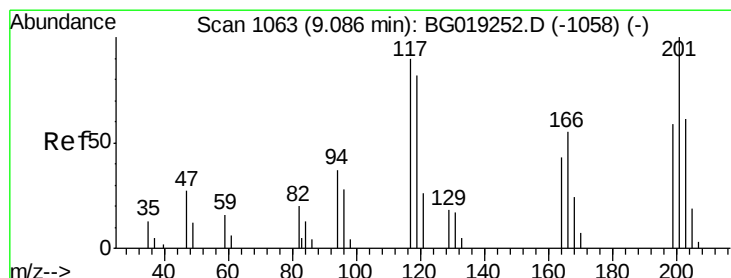
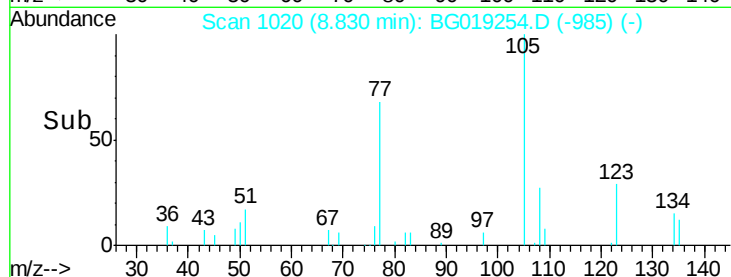
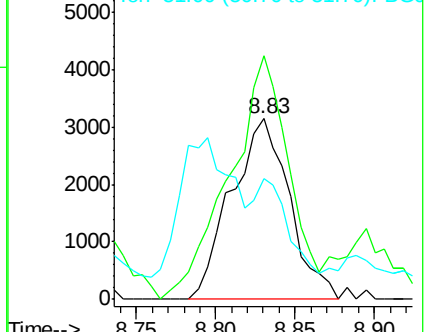
51 66.6 26.1 39.1#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 51.00 (50.70 to 51.70): BG



#17

Hexachloroethane

Concen: 1.62 ng/ul

RT: 9.11 min Scan# 1068

Delta R.T. 0.03 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

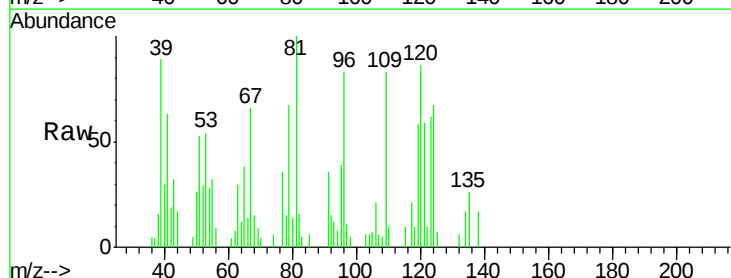
Tgt Ion:117 Resp: 1104

Ion Ratio Lower Upper

117 100

201 0.0 91.4 137.0#

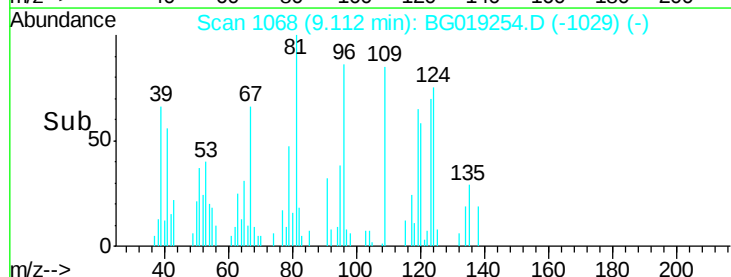
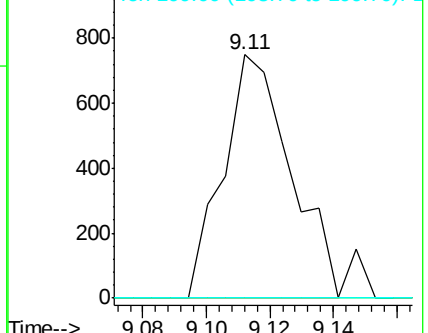
199 0.0 58.7 88.1#

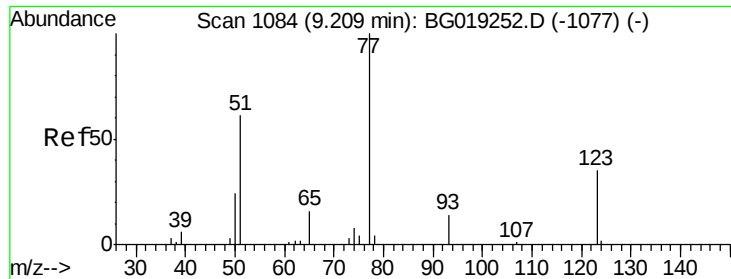


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

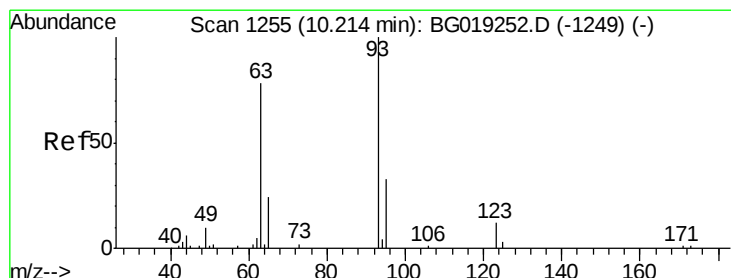
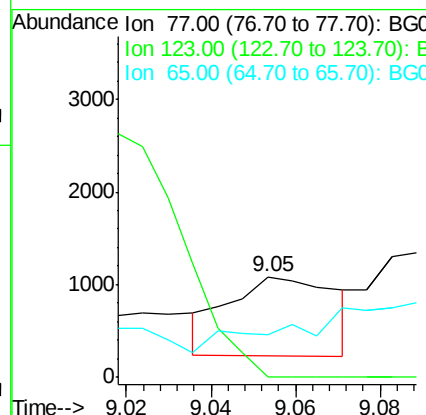
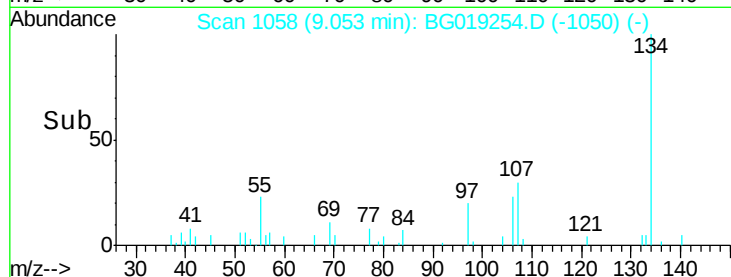
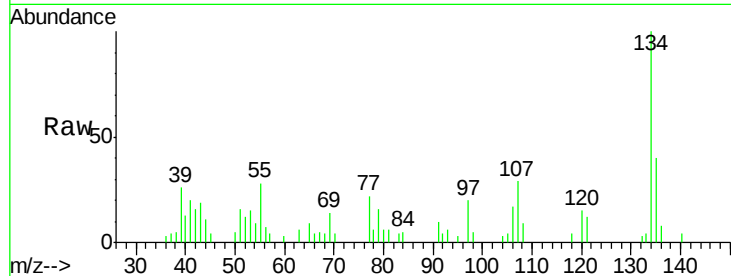




#20
 Nitrobenzene
 Concen: 3.22 ng/ul
 RT: 9.05 min Scan# 1058
 Delta R.T. -0.16 min
 Lab File: BG019254.D
 Acq: 20 Oct 2015 00:13

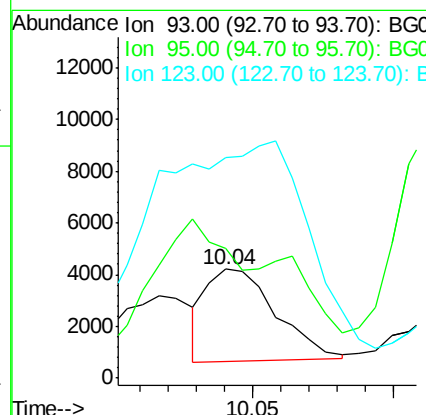
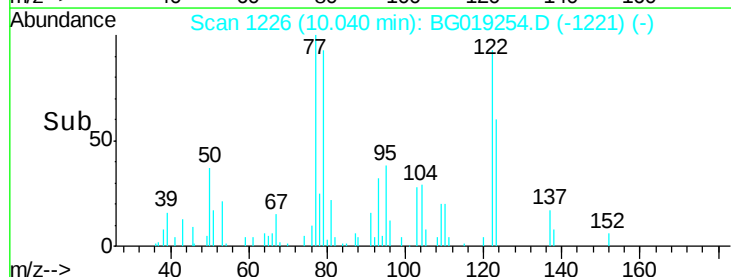
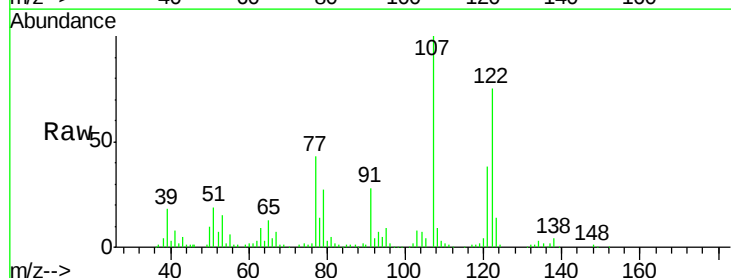
Instrument :
 BNA_G
 ClientSampleId :
 E5LK2

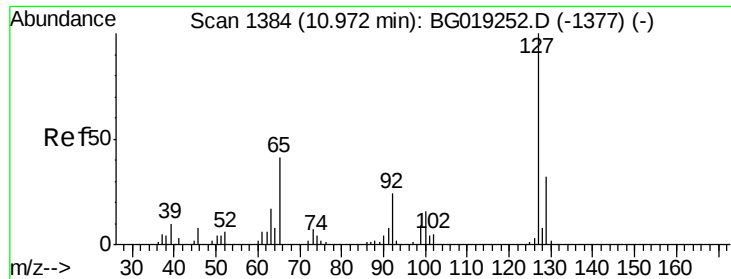
Tot Ion: 77 Resp: 1502
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.6 48.8#
 65 42.9 10.6 15.8#



#25
 Bis(2-Chloroethoxy)methane
 Concen: 12.95 ng/ul
 RT: 10.04 min Scan# 1226
 Delta R.T. -0.17 min
 Lab File: BG019254.D
 Acq: 20 Oct 2015 00:13

Tgt Ion: 93 Resp: 6080
 Ion Ratio Lower Upper
 93 100
 95 119.5 25.4 38.0#
 123 202.9 8.0 12.0#

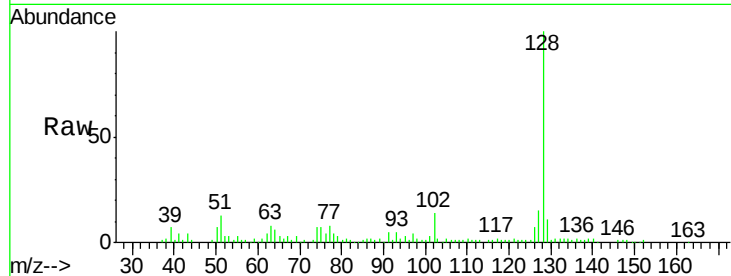




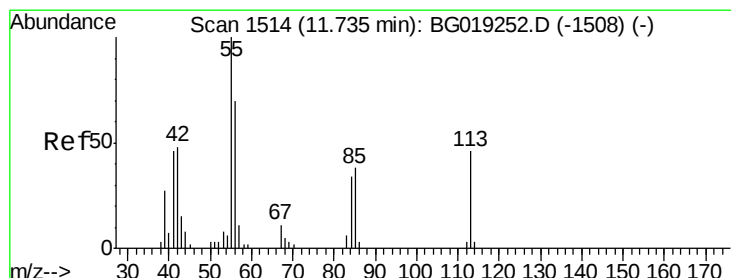
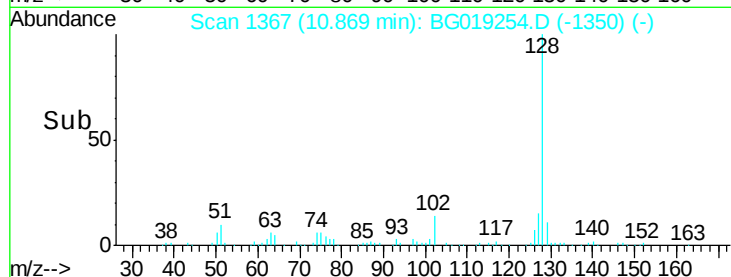
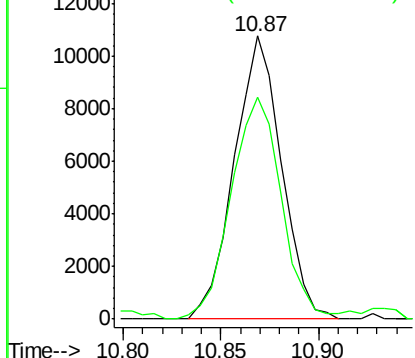
#30
4-Chloroaniline
Concen: 37.96 ng/ul
RT: 10.87 min Scan# 1367
Delta R.T. -0.10 min
Lab File: BG019254.D
Acq: 20 Oct 2015 00:13

Instrument :
BNA_G
ClientSampleId :
E5LK2

Tot Ion:127 Resp: 18021
Ion Ratio Lower Upper
127 100
129 78.4 24.3 36.5#

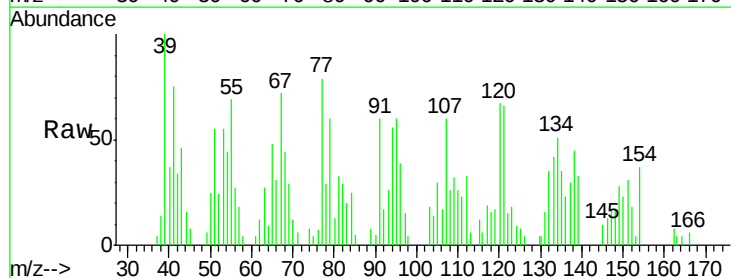


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

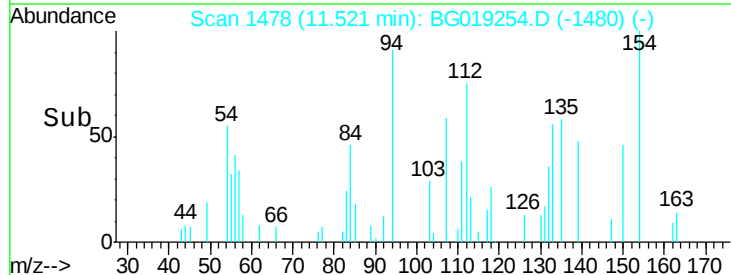
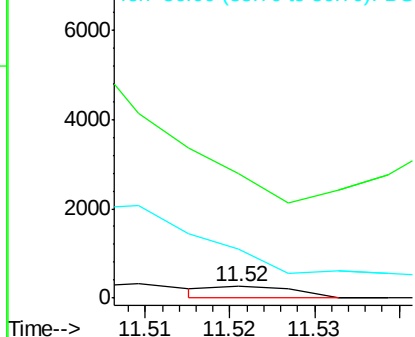


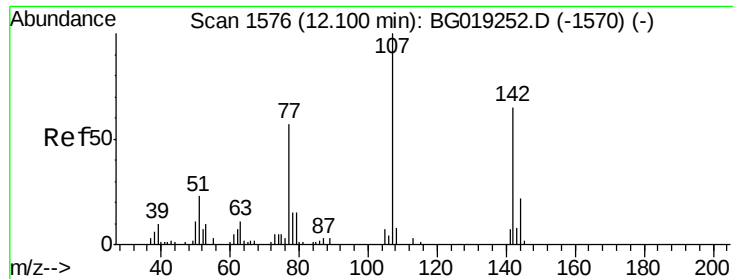
#32
Caprolactam
Concen: 1.26 ng/ul
RT: 11.52 min Scan# 1478
Delta R.T. -0.21 min
Lab File: BG019254.D
Acq: 20 Oct 2015 00:13

Tgt Ion:113 Resp: 169
Ion Ratio Lower Upper
113 100
55 1083.7 169.3 253.9#
56 427.6 125.8 188.8#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG019252.D (-1508) (-)
Ion 56.00 (55.70 to 56.70): BG019252.D (-1508) (-)

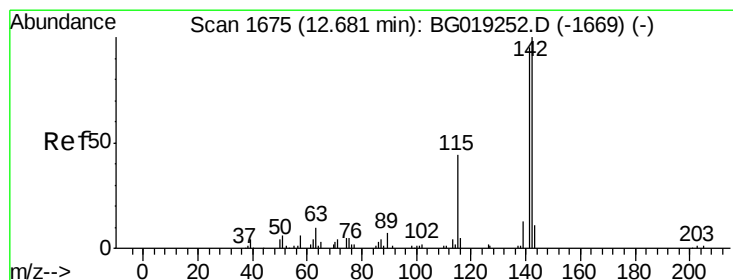
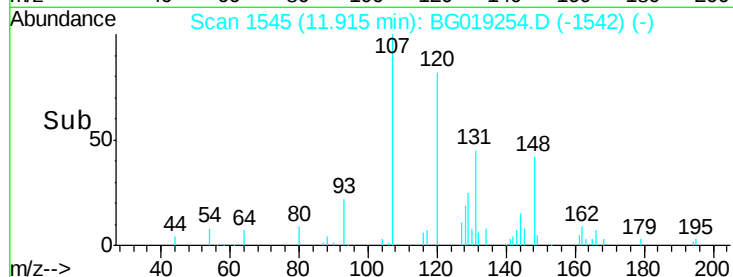
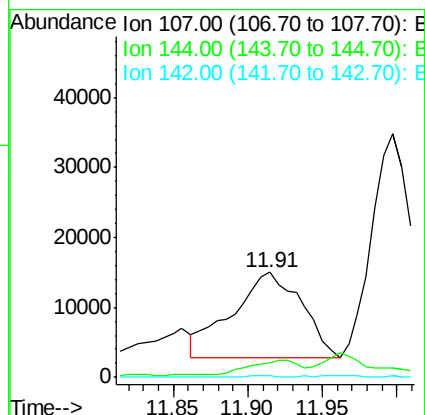
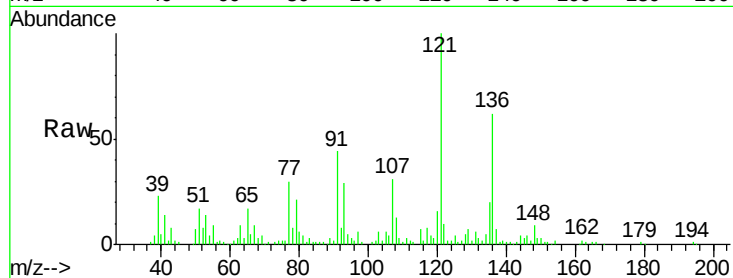




#33
 4-Chloro-3-methylphenol
 Concen: 86.02 ng/ul
 RT: 11.91 min Scan# 1545
 Delta R.T. -0.18 min
 Lab File: BG019254.D
 Acq: 20 Oct 2015 00:13

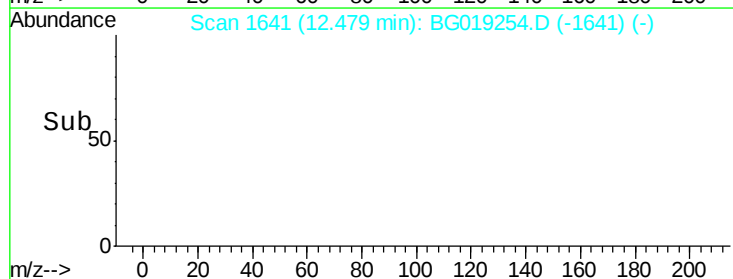
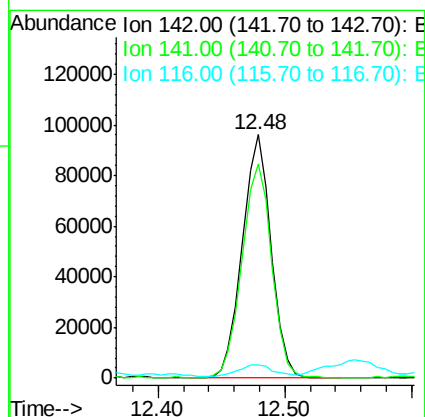
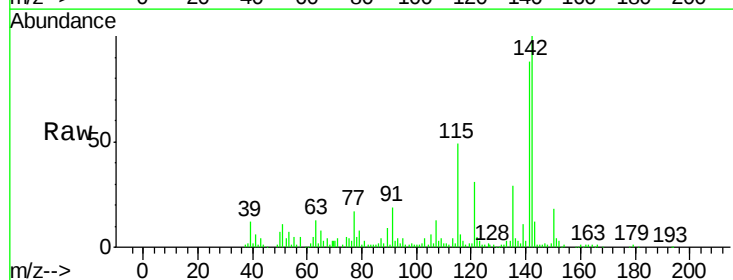
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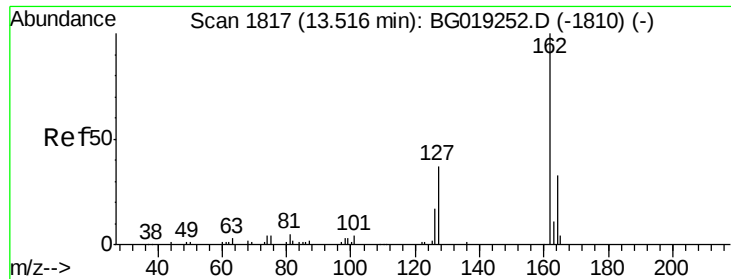
Tot Ion:107 Resp: 39137
 Ion Ratio Lower Upper
 107 100
 144 13.5 20.9 31.3#
 142 1.2 65.6 98.4#



#35
 1-Methylnaphthalene
 Concen: 169.29 ng/ul
 RT: 12.48 min Scan# 1641
 Delta R.T. -0.20 min
 Lab File: BG019254.D
 Acq: 20 Oct 2015 00:13

Tgt Ion:142 Resp: 151714
 Ion Ratio Lower Upper
 142 100
 141 88.0 74.8 112.2
 116 5.5 3.2 4.8#

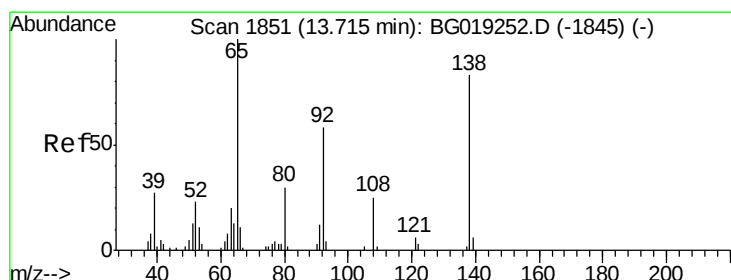
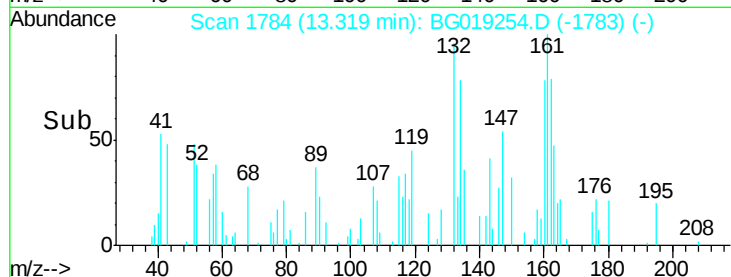
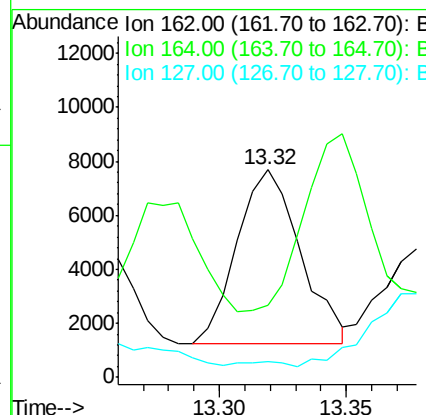
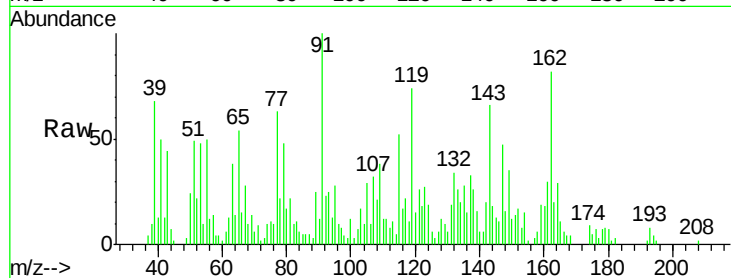




#42
2-Chloronaphthalene
Concen: 13.25 ng/ul
RT: 13.32 min Scan# 1784
Delta R.T. -0.20 min
Lab File: BG019254.D
Acq: 20 Oct 2015 00:13

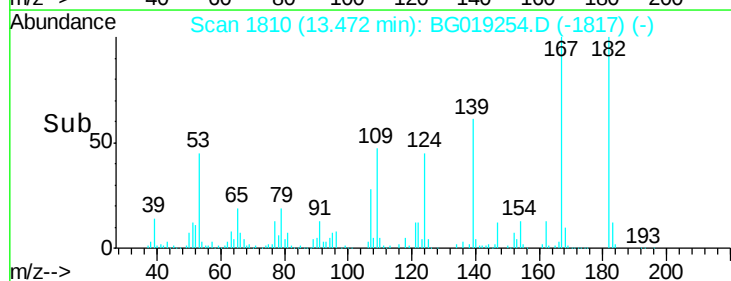
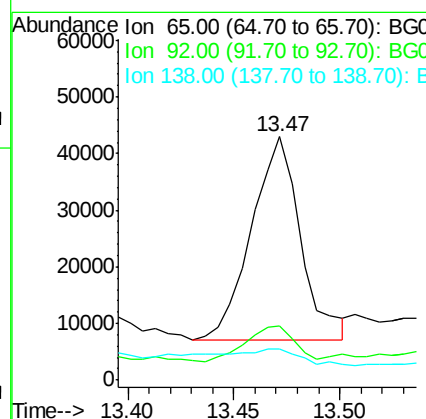
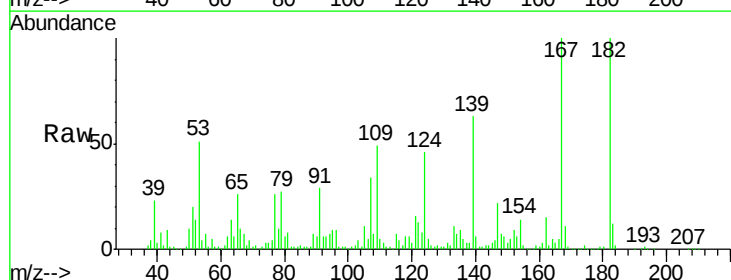
Instrument :
BNA_G
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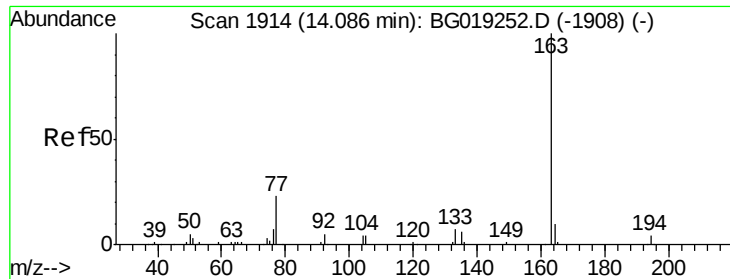
Tot Ion:162 Resp: 11303
Ion Ratio Lower Upper
162 100
164 35.0 25.8 38.8
127 7.4 29.0 43.4#



#43
2-Nitroaniline
Concen: 172.69 ng/ul
RT: 13.47 min Scan# 1810
Delta R.T. -0.24 min
Lab File: BG019254.D
Acq: 20 Oct 2015 00:13

Tgt Ion: 65 Resp: 57639
Ion Ratio Lower Upper
65 100
92 22.1 50.7 76.1#
138 12.8 74.9 112.3#





#45

Dimethylphthalate

Concen: 1.42 ng/ul

RT: 13.88 min Scan# 1879

Delta R.T. -0.21 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

Instrument :

BNA_G

ClientSampled :

E5LK2

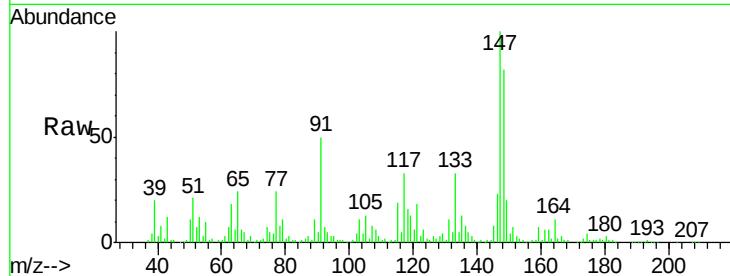
Tot Ion:163 Resp: 1763

Ion Ratio Lower Upper

163 100

194 16.4 3.3 4.9#

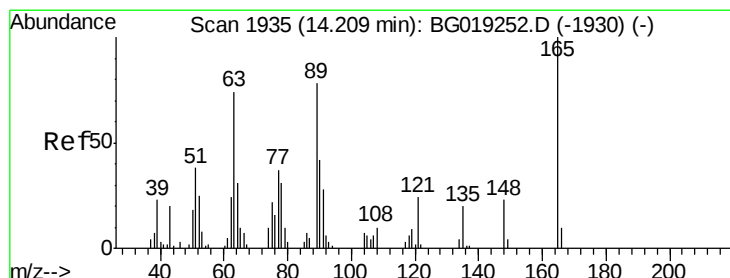
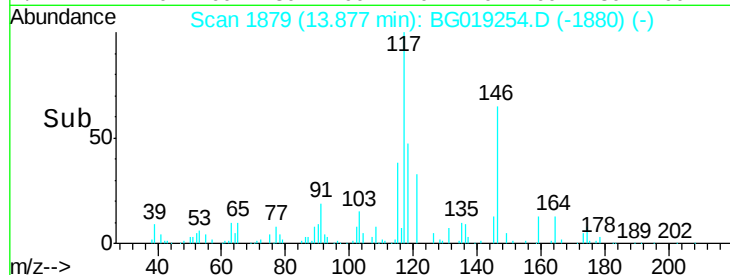
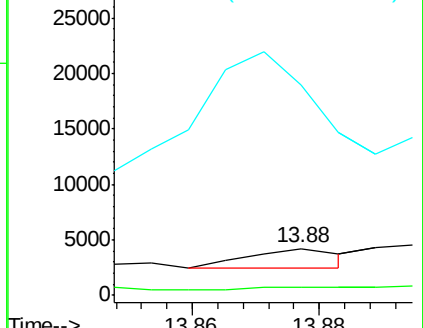
164 452.2 8.1 12.1#



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



#46

2,6-Dinitrotoluene

Concen: 72.43 ng/ul

RT: 14.02 min Scan# 1904

Delta R.T. -0.18 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

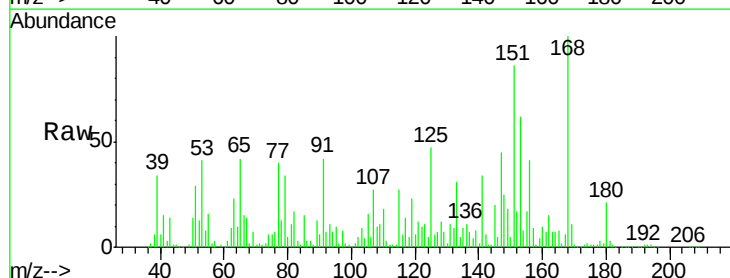
Tgt Ion:165 Resp: 17193

Ion Ratio Lower Upper

165 100

89 162.7 45.5 68.3#

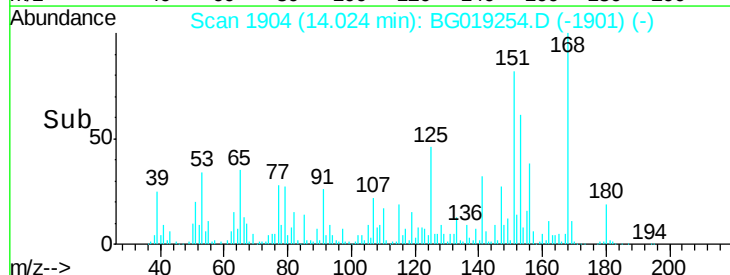
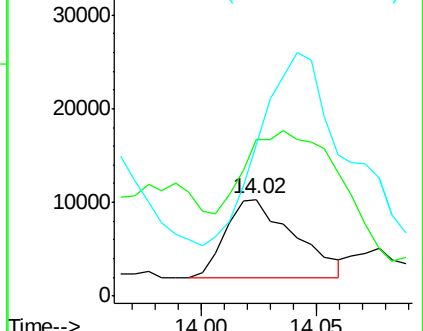
121 157.5 16.8 25.2#

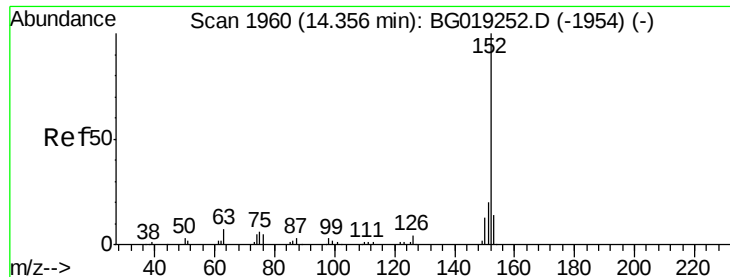


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 19.43 ng/ul

RT: 14.10 min Scan# 1917

Delta R.T. -0.26 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

Instrument :

BNA_G

ClientSampled :

E5LK2

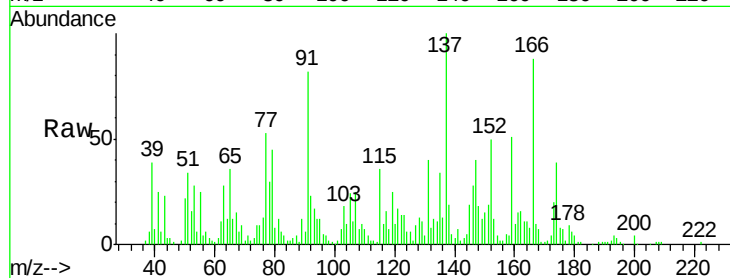
Tot Ion:152 Resp: 28629

Ion Ratio Lower Upper

152 100

151 37.6 16.6 25.0#

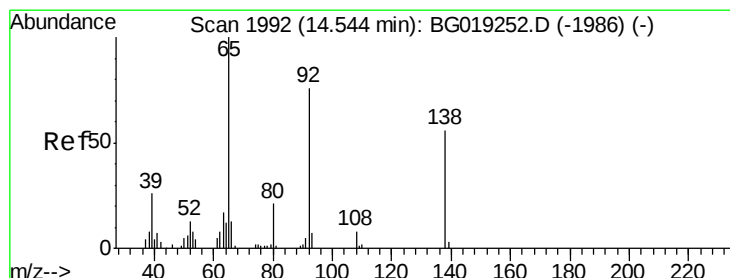
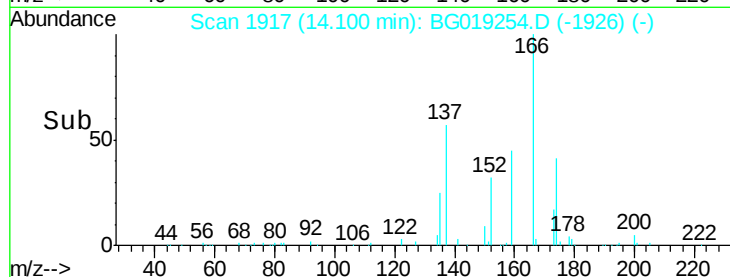
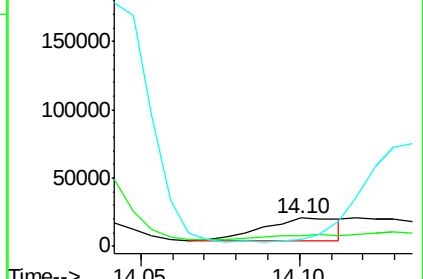
153 24.3 10.5 15.7#



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

3-Nitroaniline

Concen: 4.65 ng/ul

RT: 14.36 min Scan# 1962

Delta R.T. -0.18 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

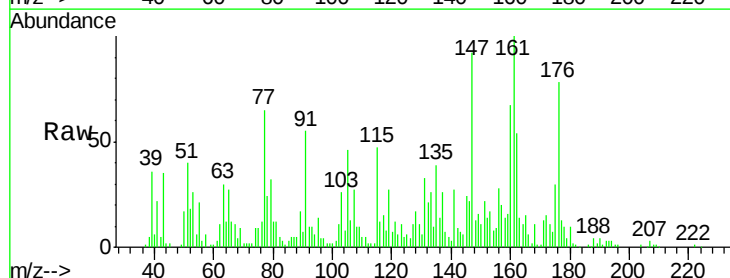
Tgt Ion:138 Resp: 1059

Ion Ratio Lower Upper

138 100

108 137.9 8.9 13.3#

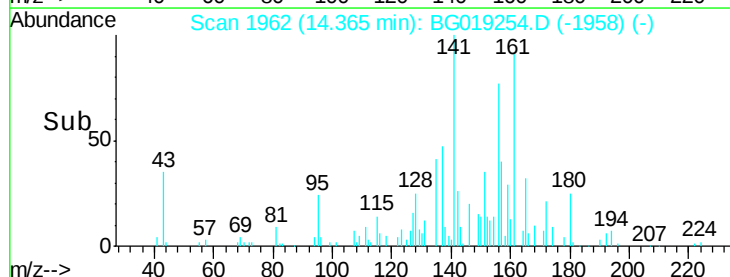
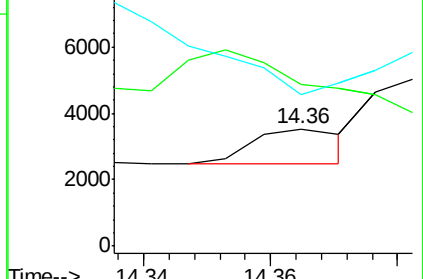
92 129.2 92.4 138.6

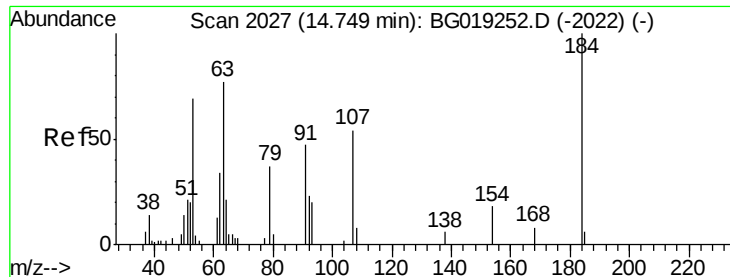


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#51

2,4-Dinitrophenol

Concen: 2.80 ng/ul

RT: 14.54 min Scan# 1991

Delta R.T. -0.21 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

Instrument :

BNA_G

ClientSampleId :

E5LK2

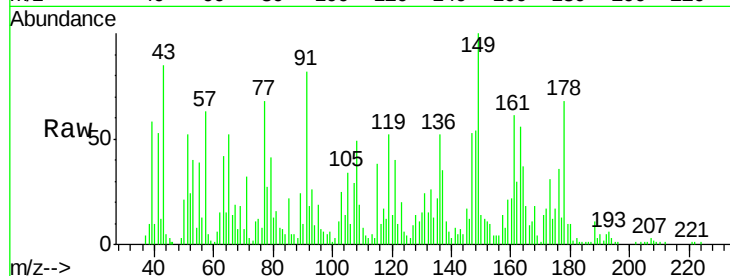
Tot Ion:184 Resp: 381

Ion Ratio Lower Upper

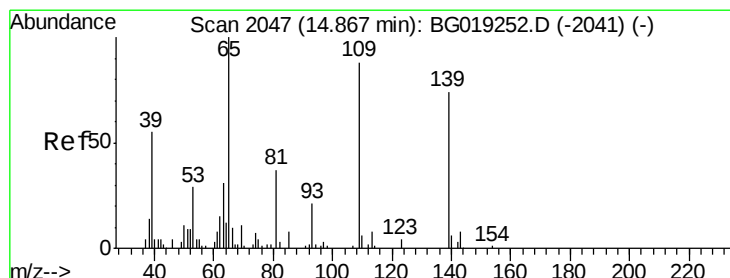
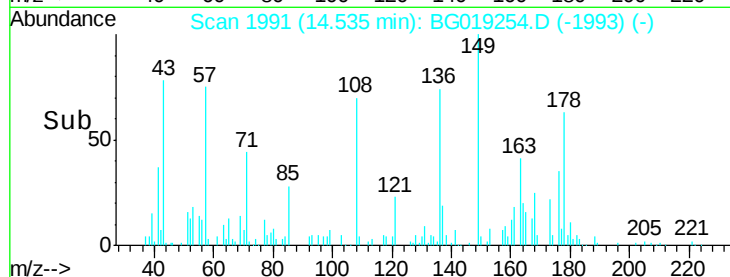
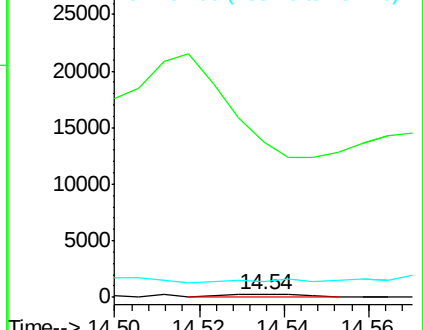
184 100

63 5409.1 51.0 76.4#

154 542.1 56.5 84.7#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 2.17 ng/ul

RT: 14.66 min Scan# 2012

Delta R.T. -0.21 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

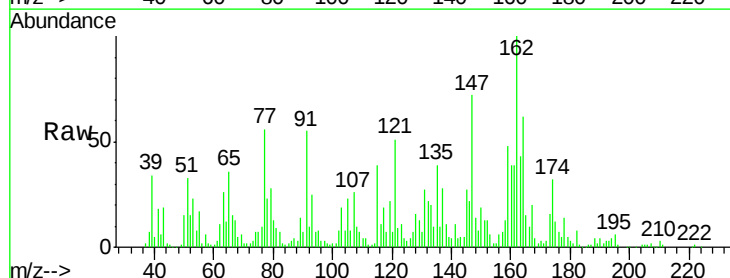
Tgt Ion:109 Resp: 526

Ion Ratio Lower Upper

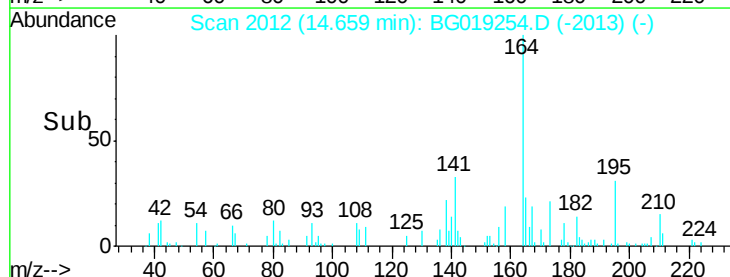
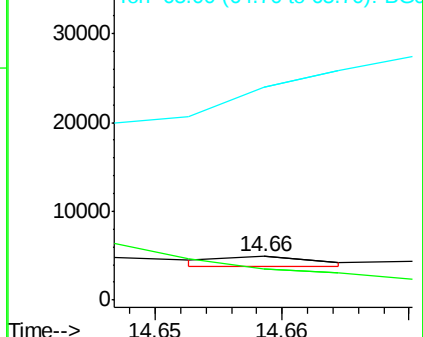
109 100

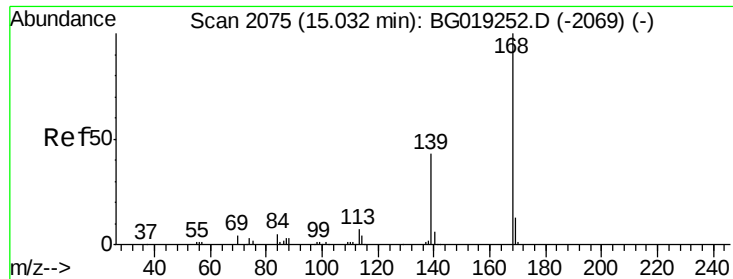
139 72.2 97.9 146.9#

65 489.7 117.4 176.0#



Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BG





#54

Dibenzofuran

Concen: 581.99 ng/ul

RT: 14.89 min Scan# 2051

Delta R.T. -0.14 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

Instrument :

BNA_G

ClientSampleId :

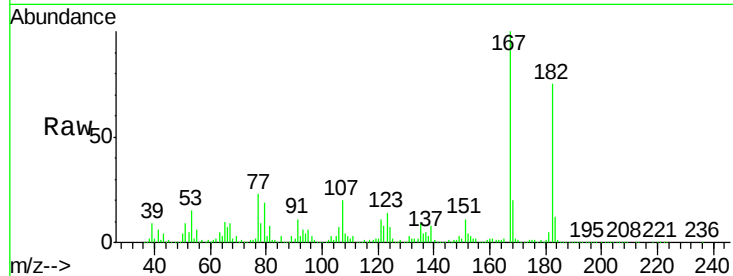
E5LK2

Tot Ion:168 Resp: 811503

Ion Ratio Lower Upper

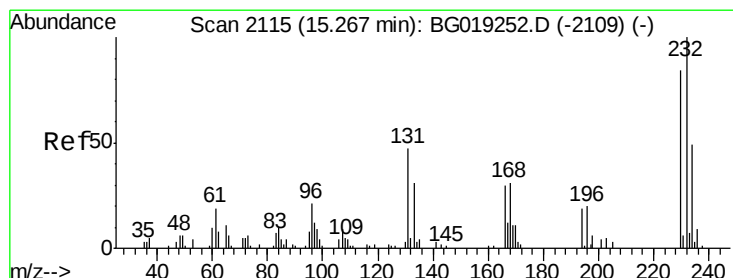
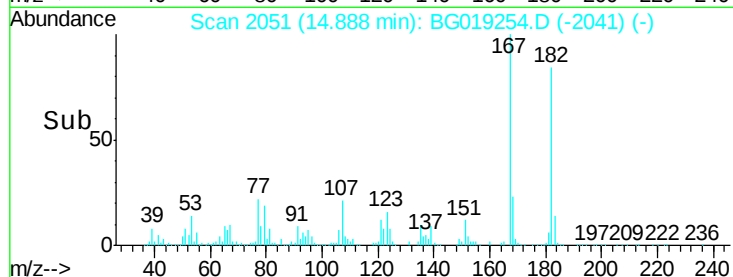
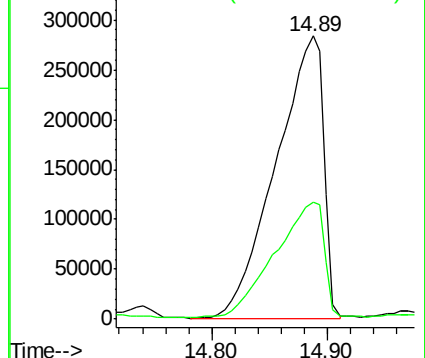
168 100

139 41.2 28.5 42.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#56

2,3,4,6-Tetrachlorophenol

Concen: 1.36 ng/ul

RT: 15.10 min Scan# 2087

Delta R.T. -0.17 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

Tgt Ion:232 Resp: 406

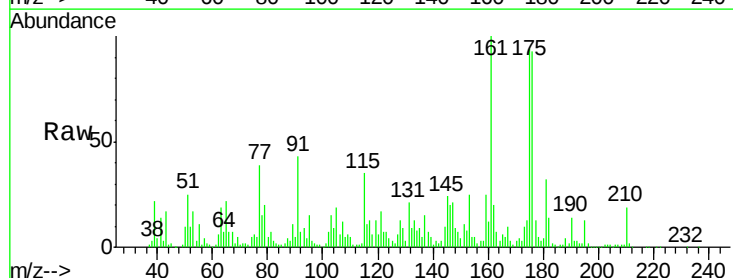
Ion Ratio Lower Upper

232 100

131 5038.7 32.6 49.0#

130 788.5 2.2 3.4#

166 1230.7 23.1 34.7#

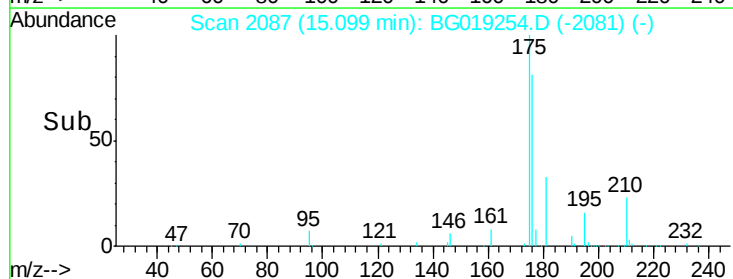
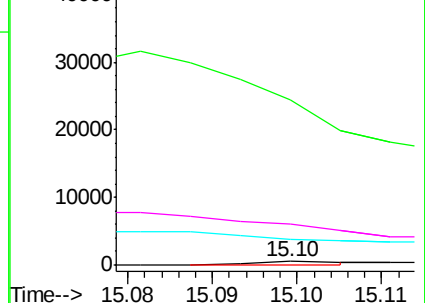


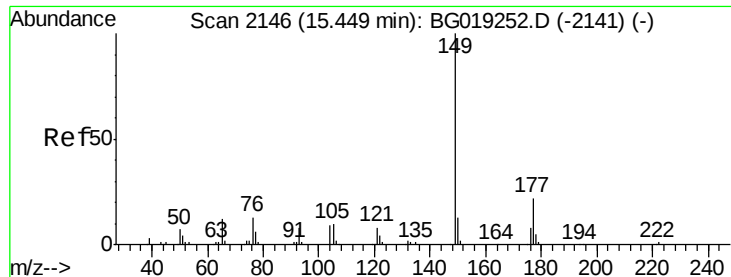
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#57

Diethylphthalate

Concen: 16.51 ng/ul

RT: 15.22 min Scan# 2107

Delta R.T. -0.23 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

Instrument :

BNA_G

ClientSampleId :

E5LK2

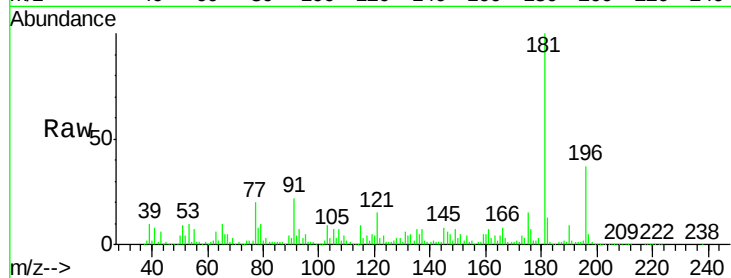
Tot Ion:149 Resp: 21334

Ion Ratio Lower Upper

149 100

177 31.5 17.4 26.0#

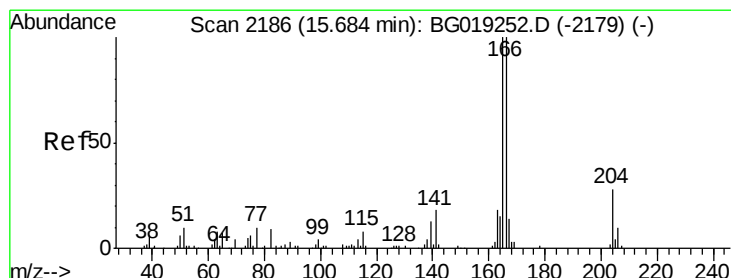
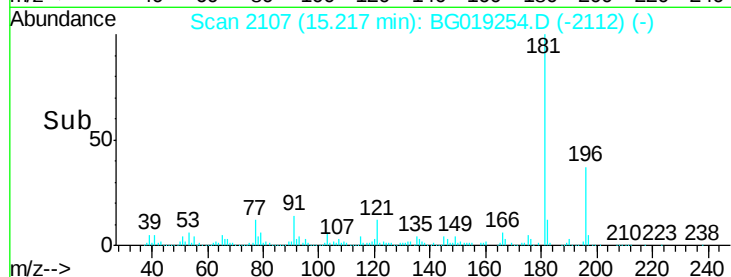
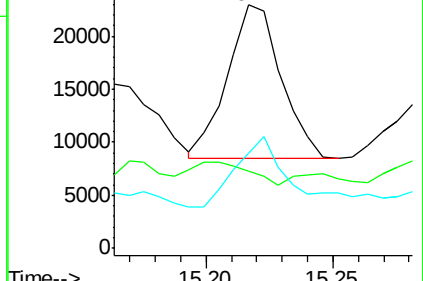
150 39.3 10.0 15.0#



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: 3.11 ng/ul

RT: 15.45 min Scan# 2146

Delta R.T. -0.24 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

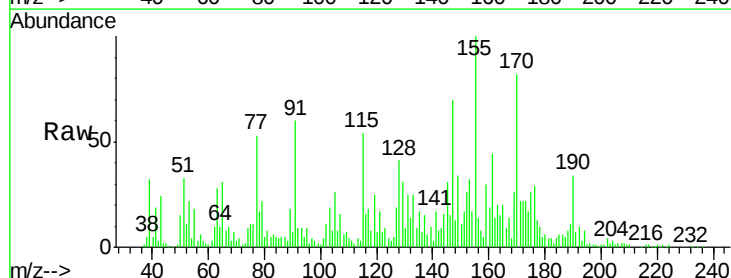
Tgt Ion:166 Resp: 3716

Ion Ratio Lower Upper

166 100

165 237.7 77.7 116.5#

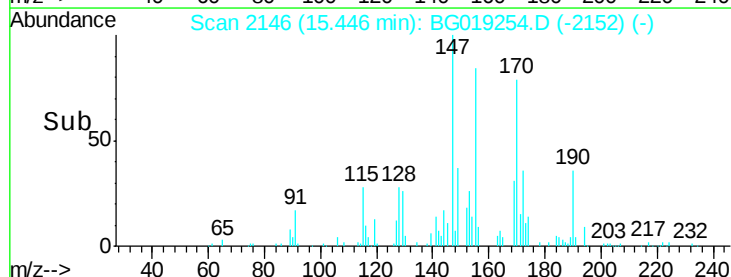
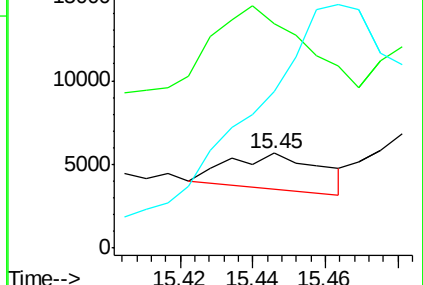
167 165.1 10.4 15.6#

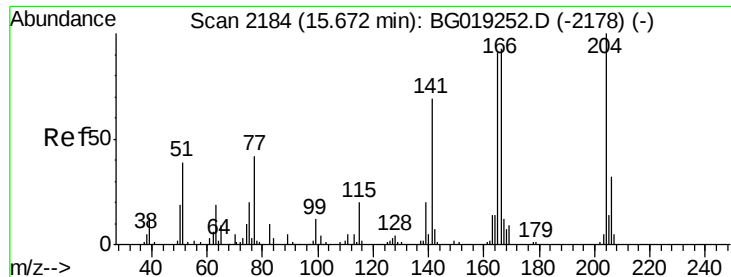


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#60

4-Chlorophenyl-phenylether

Concen: 1.58 ng/ul

RT: 15.42 min Scan# 2141

Delta R.T. -0.26 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

Instrument :

BNA_G

ClientSampled :

E5LK2

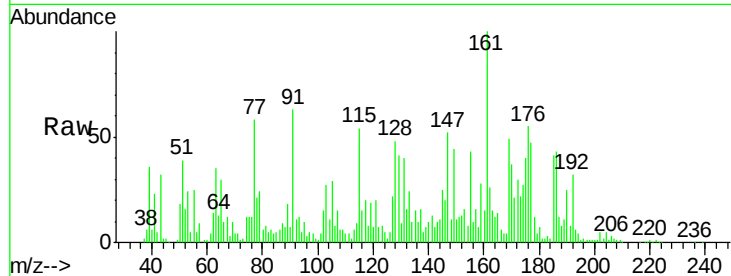
Tot Ion:204 Resp: 971

Ion Ratio Lower Upper

204 100

206 60.4 26.4 39.6#

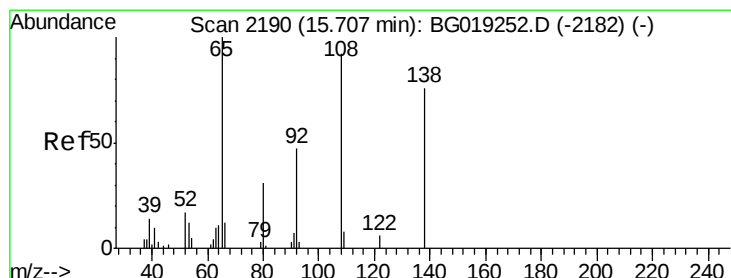
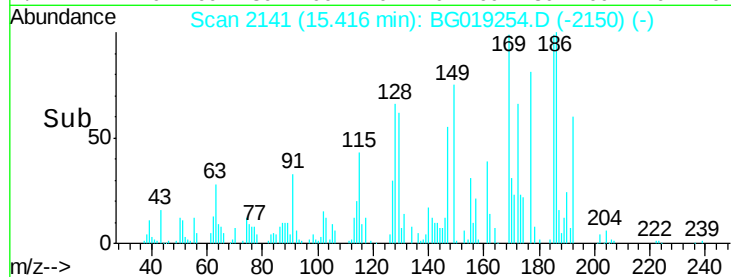
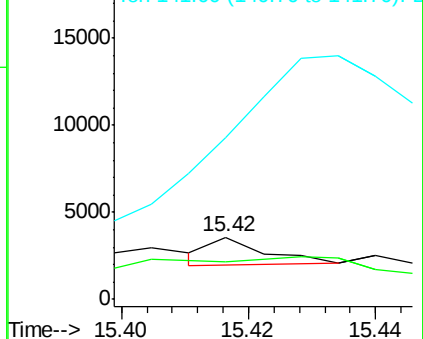
141 261.5 44.4 66.6#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 25.78 ng/ul

RT: 15.51 min Scan# 2157

Delta R.T. -0.20 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

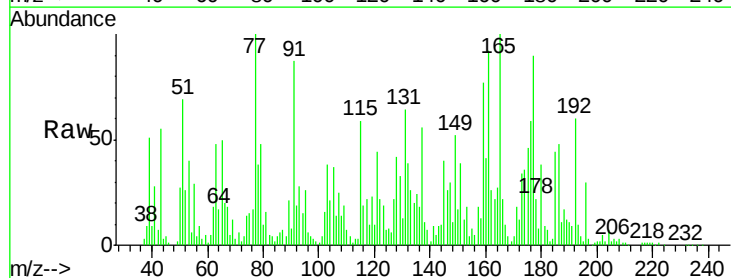
Tgt Ion:138 Resp: 6950

Ion Ratio Lower Upper

138 100

92 174.4 47.4 71.2#

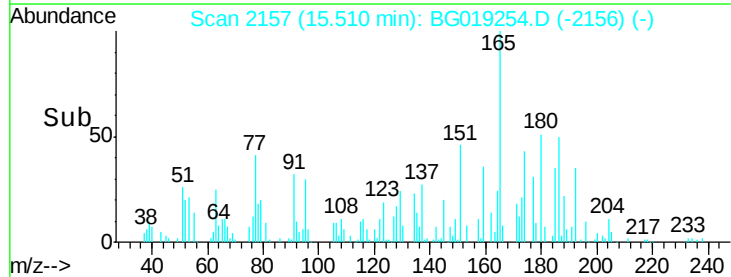
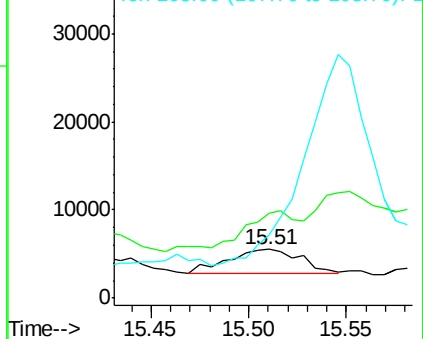
108 129.6 62.8 94.2#

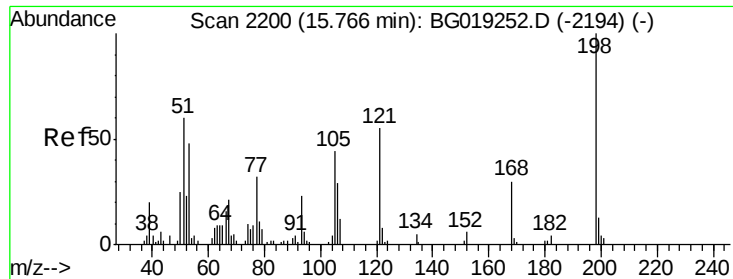


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#64

4,6-Dinitro-2-methylphenol

Concen: 4.82 ng/ul

RT: 15.52 min Scan# 2159

Delta R.T. -0.24 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

Instrument :

BNA_G

ClientSampleId :

E5LK2

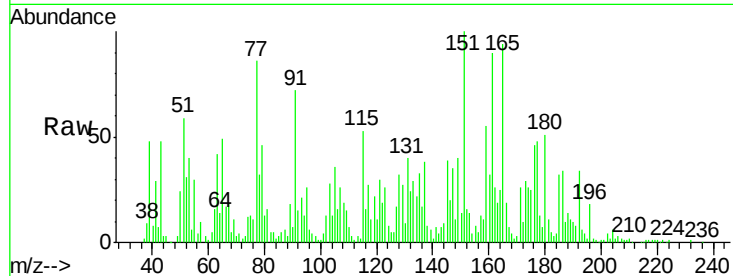
Tot Ion:198 Resp: 138

Ion Ratio Lower Upper

198 100

182 682.0 4.3 6.5#

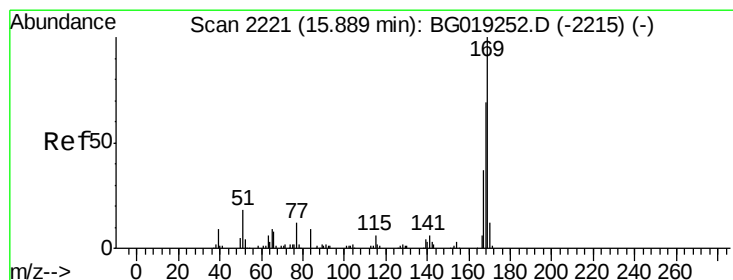
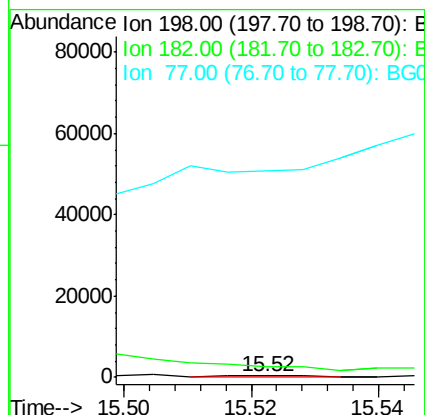
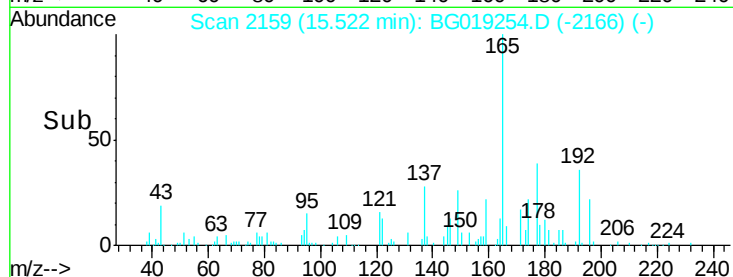
77 12703.8 20.2 30.2#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): B



#65

N-Nitrosodiphenylamine

Concen: 1889.16 ng/ul

RT: 15.69 min Scan# 2187

Delta R.T. -0.20 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

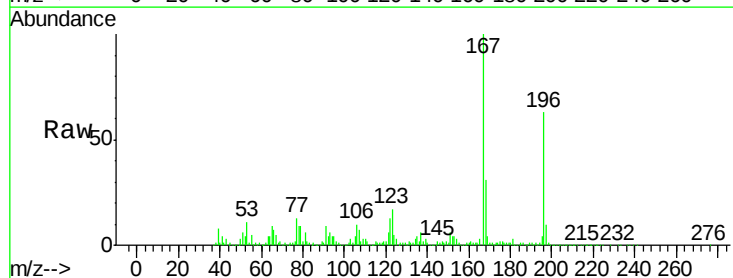
Tgt Ion:169 Resp: 238366

Ion Ratio Lower Upper

169 100

168 749.9 58.2 87.4#

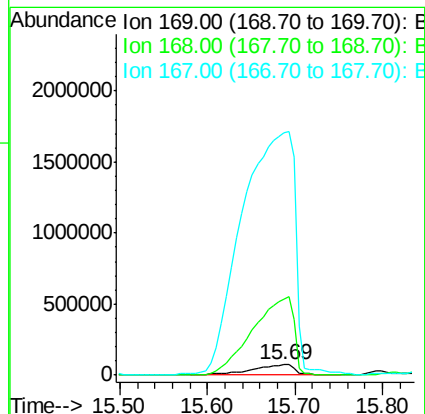
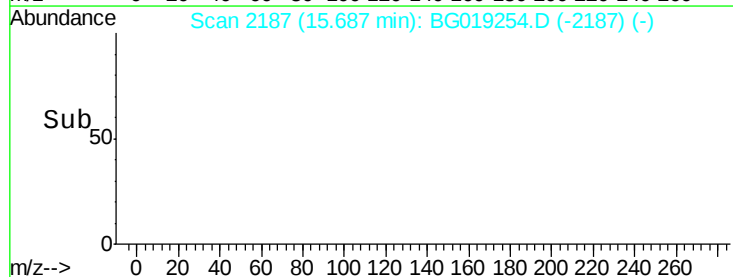
167 2384.8 30.9 46.3#

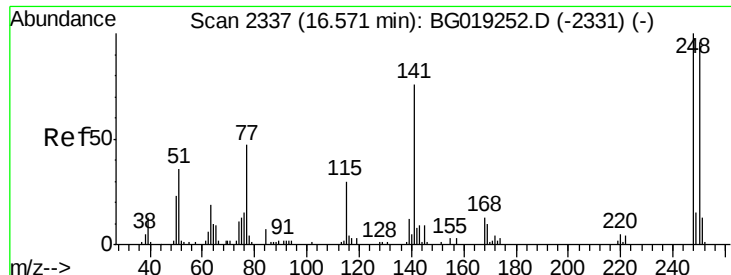


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

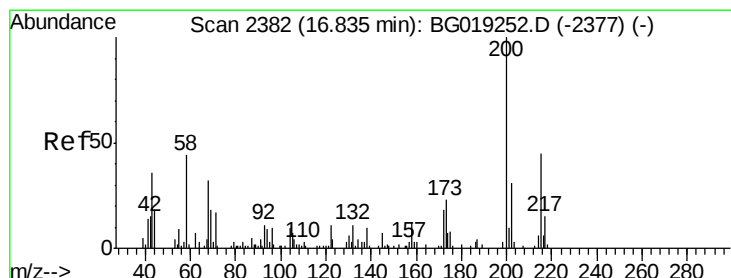
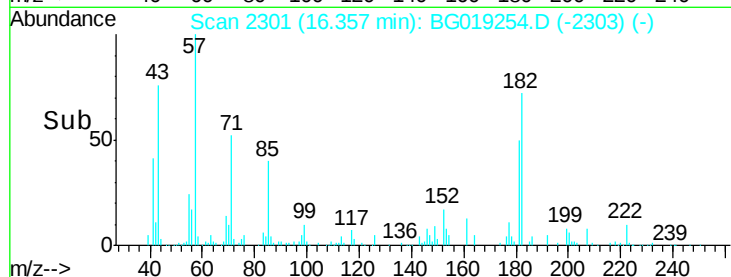
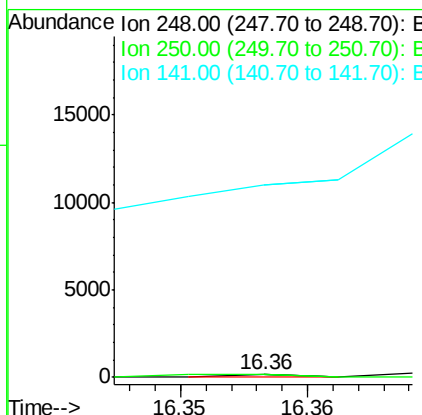
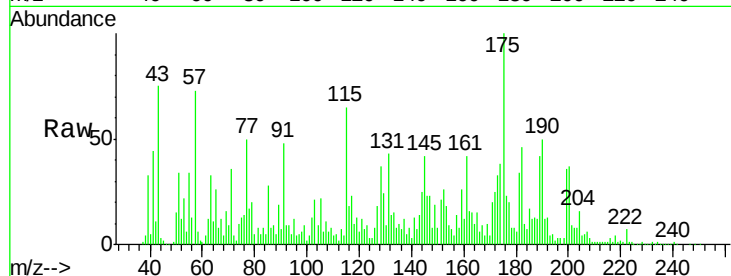




#66
 4-Bromophenyl-phenylether
 Concen: 1.10 ng/ul
 RT: 16.36 min Scan# 2301
 Delta R.T. -0.21 min
 Lab File: BG019254.D
 Acq: 20 Oct 2015 00:13

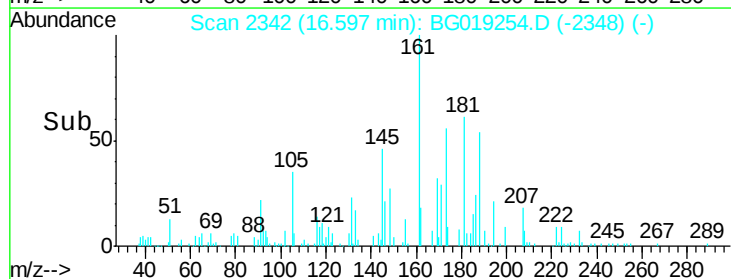
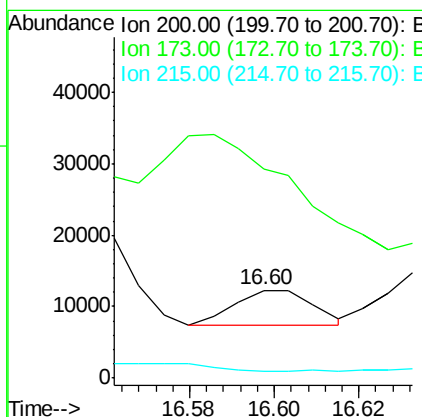
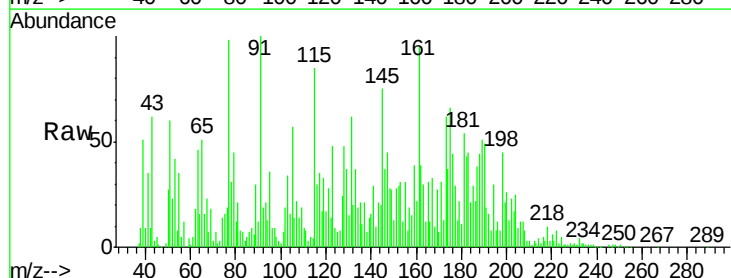
Instrument :
 BNA_G
 ClientSampleId :
 E5LK2

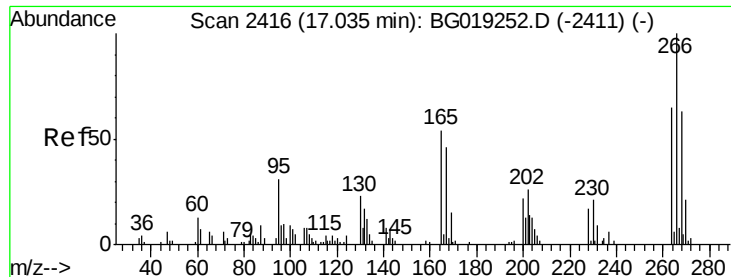
Tot Ion:248 Resp: 57
 Ion Ratio Lower Upper
 248 100
 250 93.8 79.1 118.7
 141 6836.0 55.1 82.7#



#68
 Atrazine
 Concen: 101.69 ng/ul
 RT: 16.60 min Scan# 2342
 Delta R.T. -0.24 min
 Lab File: BG019254.D
 Acq: 20 Oct 2015 00:13

Tgt Ion:200 Resp: 6168
 Ion Ratio Lower Upper
 200 100
 173 237.8 18.5 27.7#
 215 8.2 35.9 53.9#

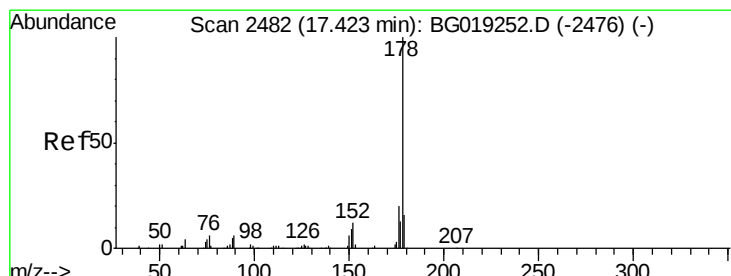
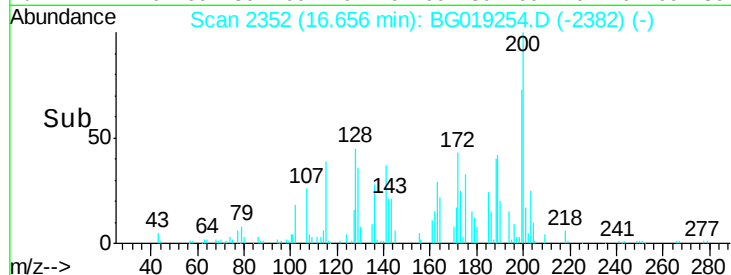
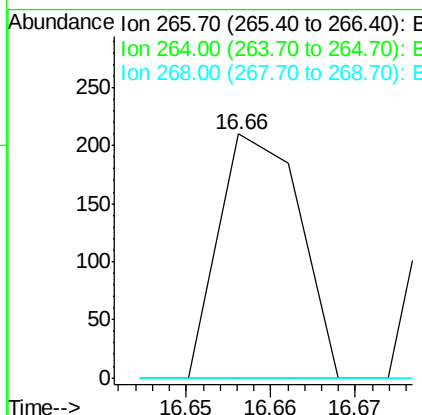
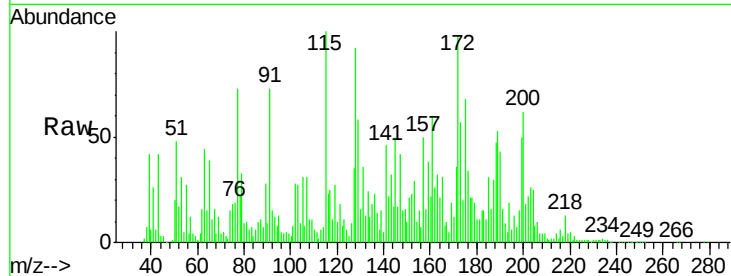




#69
 Pentachlorophenol
 Concen: 4.50 ng/ul
 RT: 16.66 min Scan# 2352
 Delta R.T. -0.38 min
 Lab File: BG019254.D
 Acq: 20 Oct 2015 00:13

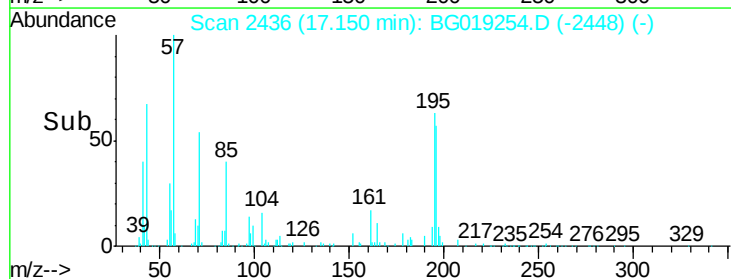
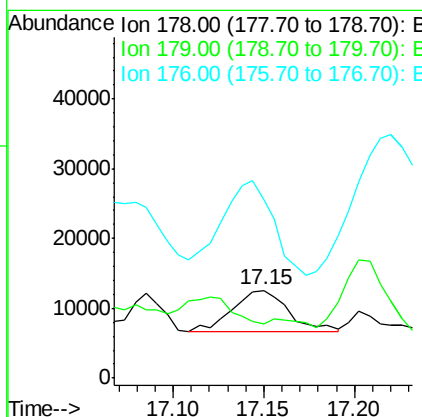
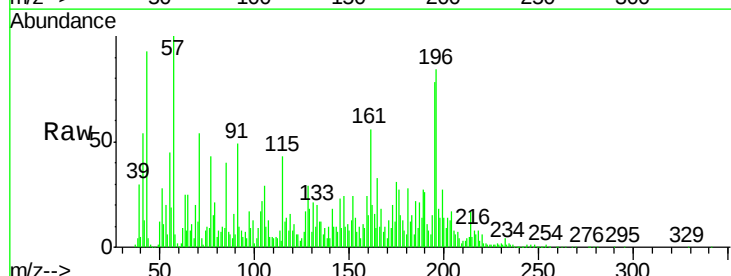
Instrument :
 BNA_G
 ClientSampled :
 E5LK2

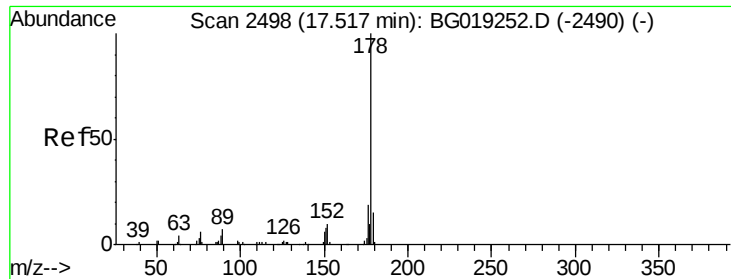
Tot Ion	Ratio	Lower	Upper
266	100		
264	0.0	49.0	73.6#
268	0.0	55.6	83.4#



#70
 Phenanthrene
 Concen: 47.76 ng/ul
 RT: 17.15 min Scan# 2436
 Delta R.T. -0.27 min
 Lab File: BG019254.D
 Acq: 20 Oct 2015 00:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	62.3	12.5	18.7#
176	203.7	15.4	23.0#





#72

Anthracene

Concen: 103.09 ng/ul

RT: 17.28 min Scan# 2459

Delta R.T. -0.23 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

Instrument :

BNA_G

ClientSampleId :

E5LK2

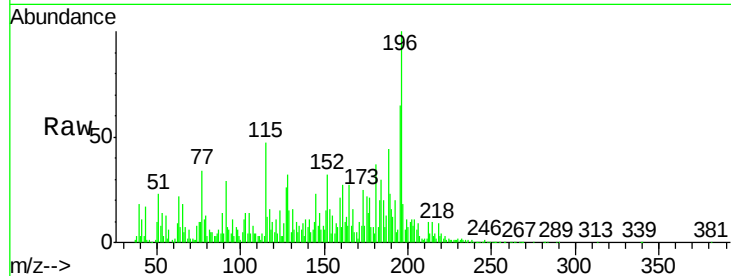
Tot Ion:178 Resp: 26849

Ion Ratio Lower Upper

178 100

179 97.9 12.2 18.4#

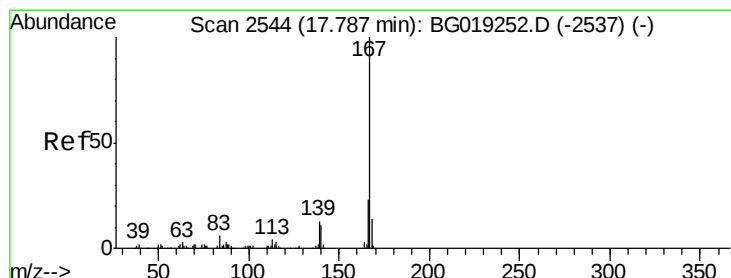
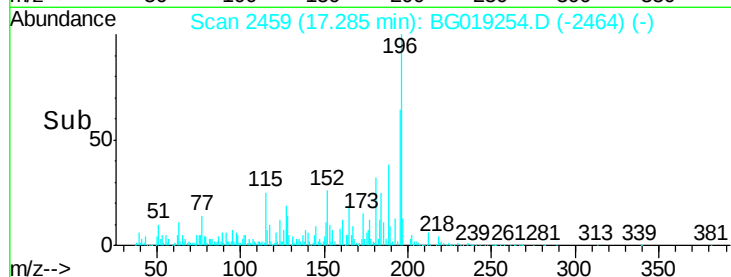
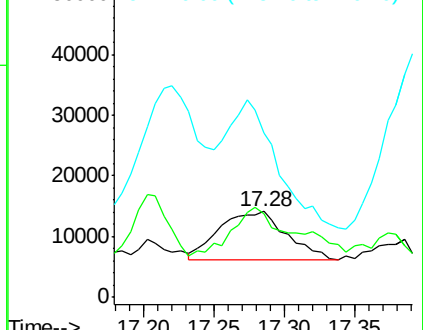
176 191.7 15.0 22.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 146.97 ng/ul

RT: 17.50 min Scan# 2495

Delta R.T. -0.29 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

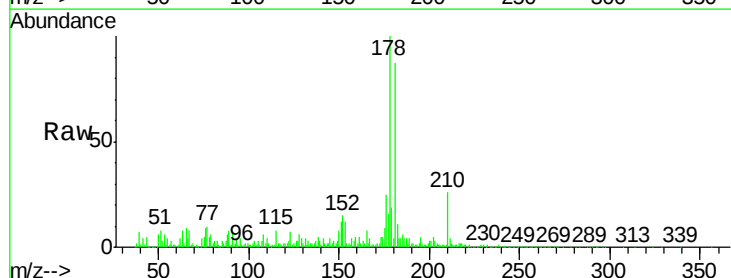
Tgt Ion:167 Resp: 32998

Ion Ratio Lower Upper

167 100

166 52.4 18.6 27.8#

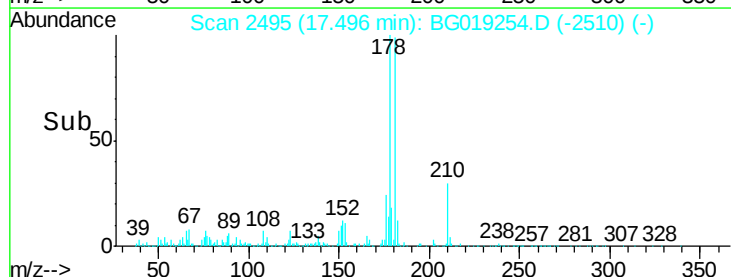
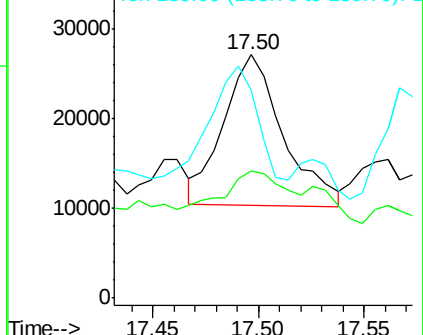
139 85.1 9.8 14.8#

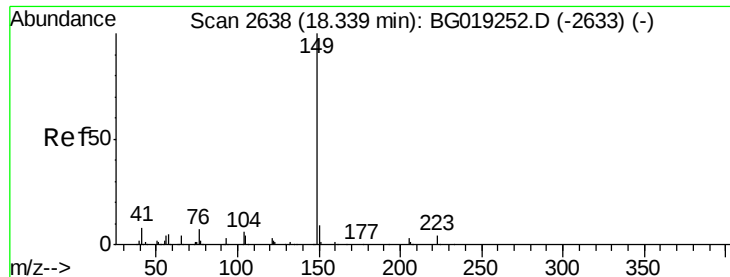


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

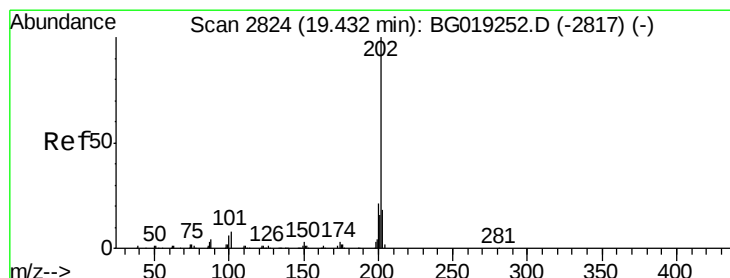
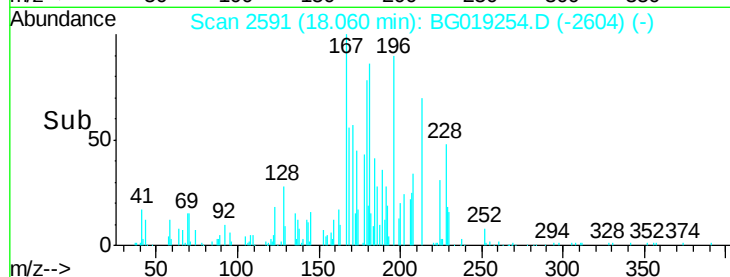
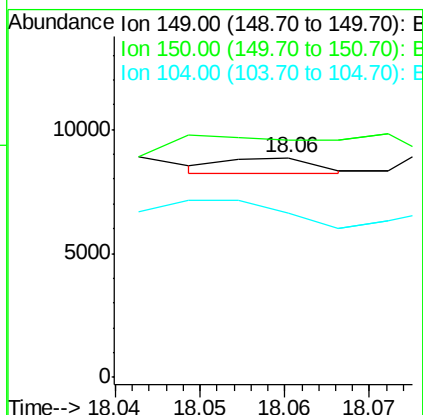
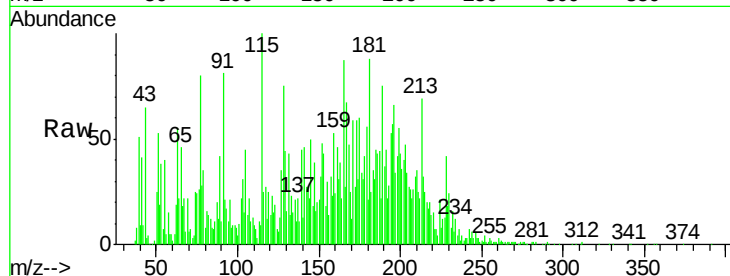




#76
Di-n-butylphthalate
Concen: 1.62 ng/ul
RT: 18.06 min Scan# 2591
Delta R.T. -0.28 min
Lab File: BG019254.D
Acq: 20 Oct 2015 00:13

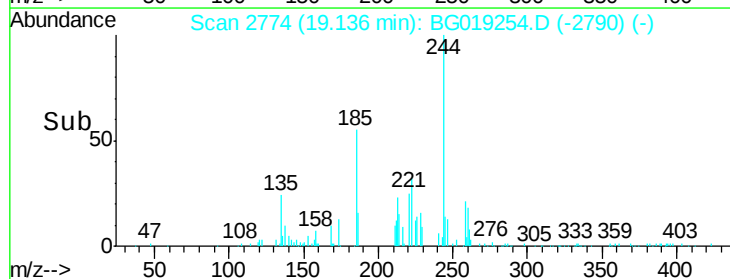
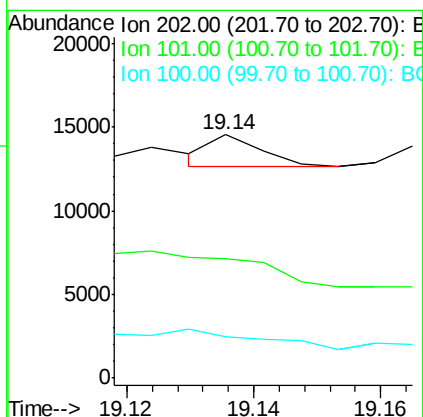
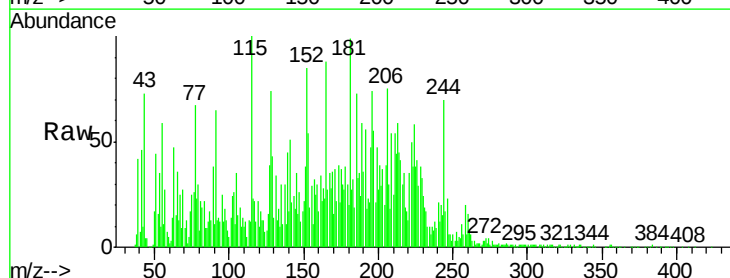
Instrument :
BNA_G
ClientSampled :
E5LK2

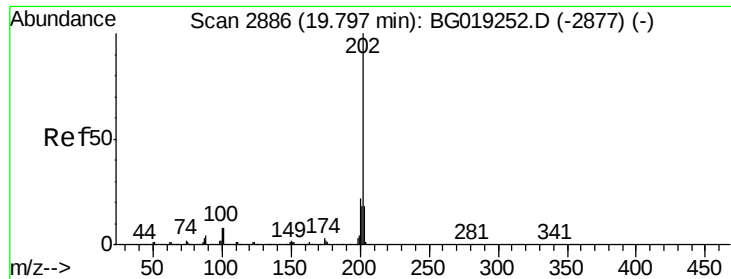
Tot Ion:149 Resp: 478
Ion Ratio Lower Upper
149 100
150 108.2 7.1 10.7#
104 74.9 3.9 5.9#



#77
Fluoranthene
Concen: 3.25 ng/ul
RT: 19.14 min Scan# 2774
Delta R.T. -0.30 min
Lab File: BG019254.D
Acq: 20 Oct 2015 00:13

Tgt Ion:202 Resp: 1043
Ion Ratio Lower Upper
202 100
101 49.1 9.0 13.4#
100 17.1 6.9 10.3#





#80

Pvrene

Concen: 15444.19 ng/ul

RT: 19.49 min Scan# 2835

Delta R.T. -0.30 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

Instrument :

BNA_G

ClientSampleId :

E5LK2

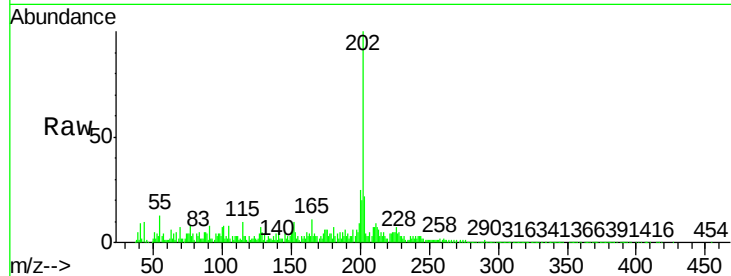
Tot Ion:202 Resp: 694815

Ion Ratio Lower Upper

202 100

101 8.4 10.2 15.2#

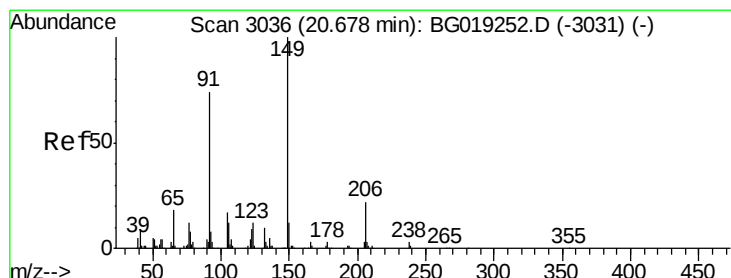
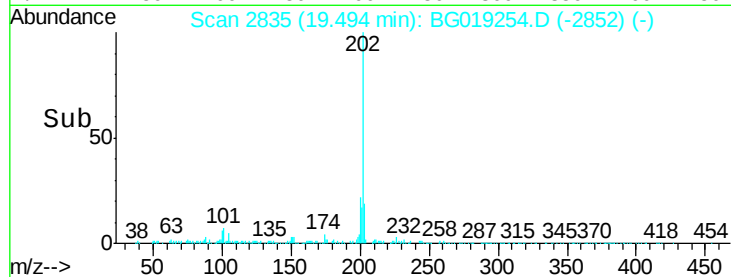
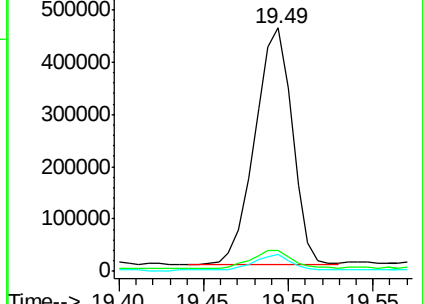
100 6.8 8.5 12.7#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#81

Butylbenzylphthalate

Concen: 12.96 ng/ul

RT: 20.36 min Scan# 2983

Delta R.T. -0.31 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

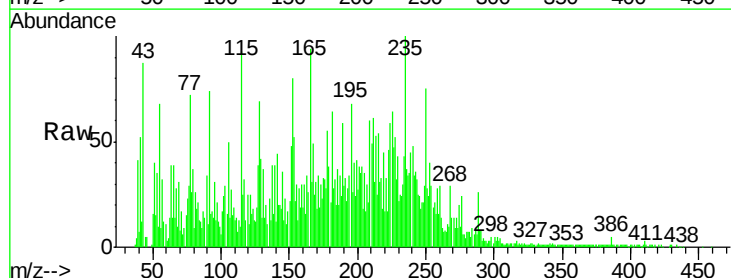
Tgt Ion:149 Resp: 212

Ion Ratio Lower Upper

149 100

91 424.4 59.1 88.7#

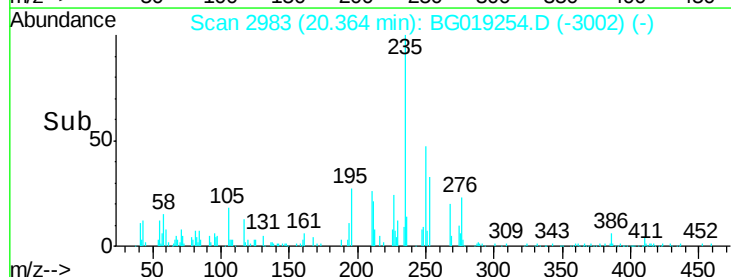
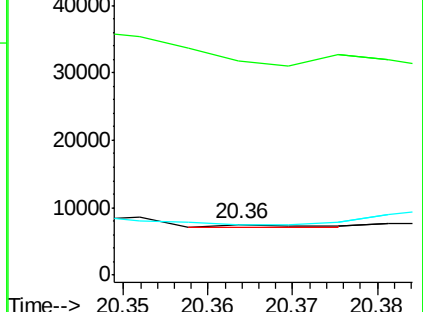
206 98.6 17.9 26.9#

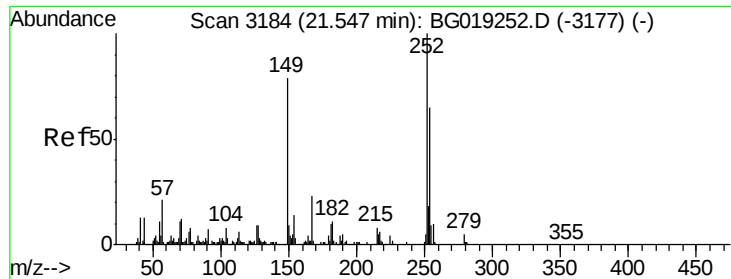


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

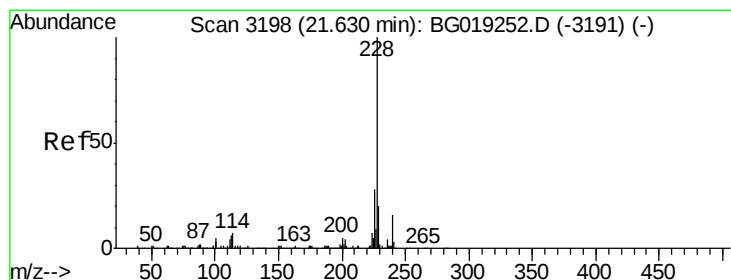
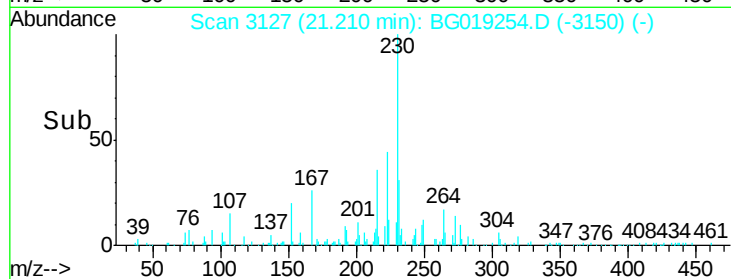
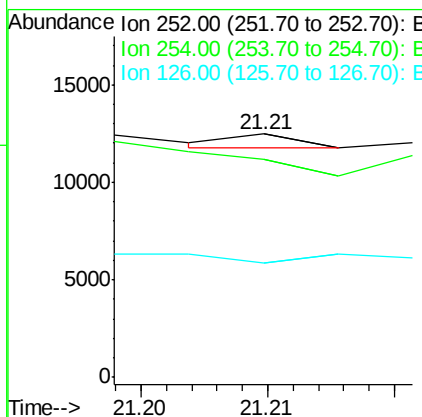
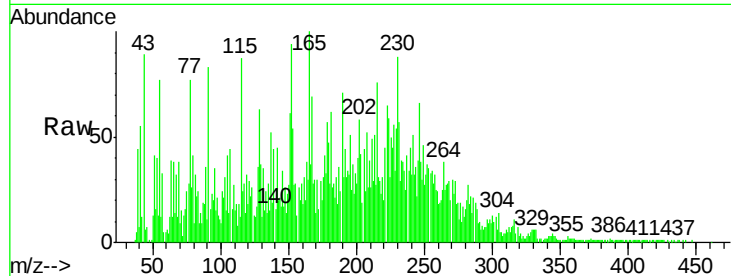




#82
 3,3'-Dichlorobenzidine
 Concen: 17.98 ng/ul
 RT: 21.21 min Scan# 3127
 Delta R.T. -0.34 min
 Lab File: BG019254.D
 Acq: 20 Oct 2015 00:13

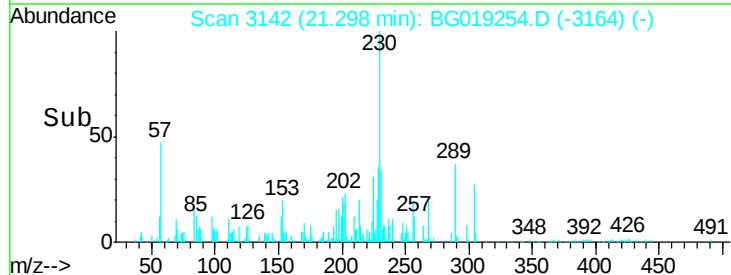
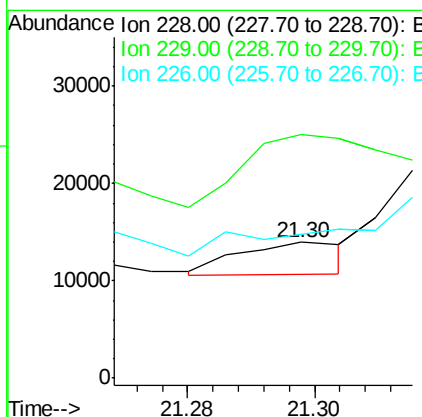
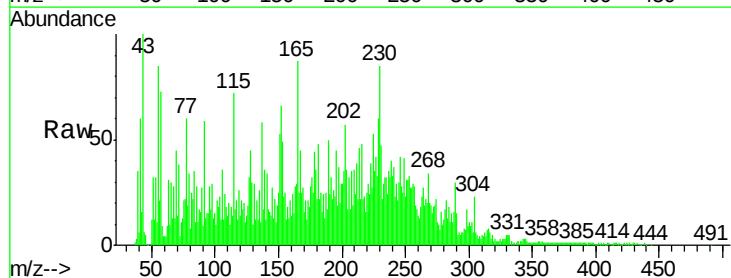
Instrument :
 BNA_G
 ClientSampleId :
 E5LK2

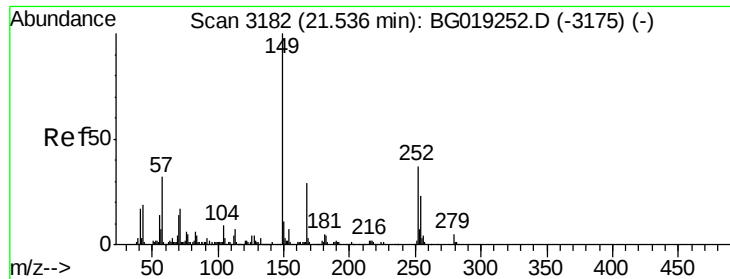
Tot Ion:252 Resp: 249
 Ion Ratio Lower Upper
 252 100
 254 89.4 51.4 77.0#
 126 46.7 7.9 11.9#



#83
 Benzo(a)anthracene
 Concen: 90.63 ng/ul
 RT: 21.30 min Scan# 3142
 Delta R.T. -0.33 min
 Lab File: BG019254.D
 Acq: 20 Oct 2015 00:13

Tgt Ion:228 Resp: 3880
 Ion Ratio Lower Upper
 228 100
 229 179.5 16.6 24.8#
 226 105.7 22.8 34.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 13.31 ng/ul

RT: 21.22 min Scan# 3128

Delta R.T. -0.32 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

Instrument :

BNA_G

ClientSampleId :

E5LK2

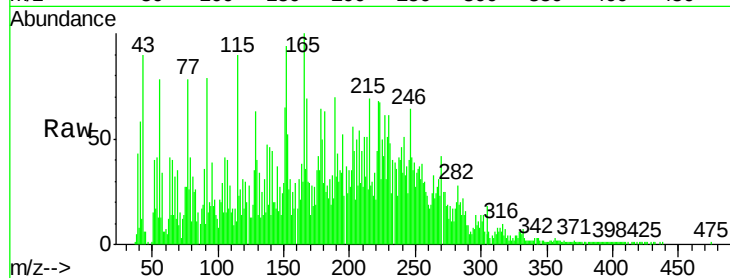
Tot Ion:149 Resp: 301

Ion Ratio Lower Upper

149 100

167 294.2 22.8 34.2#

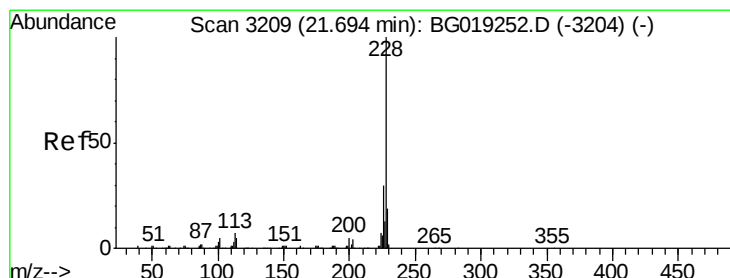
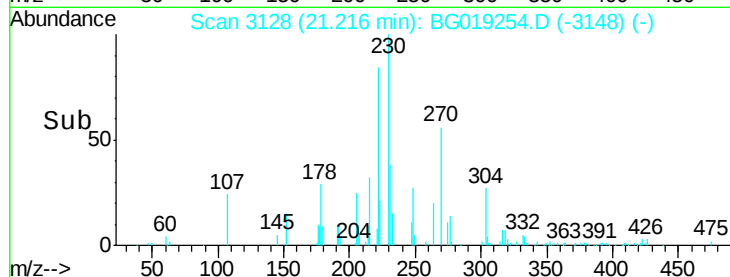
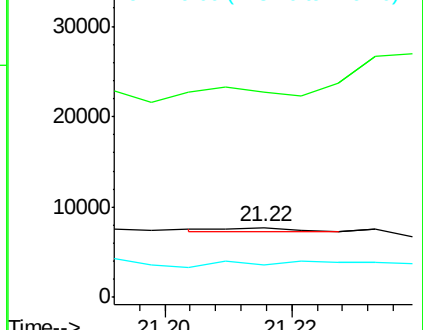
279 47.2 3.3 4.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 82.68 ng/ul

RT: 21.39 min Scan# 3158

Delta R.T. -0.30 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

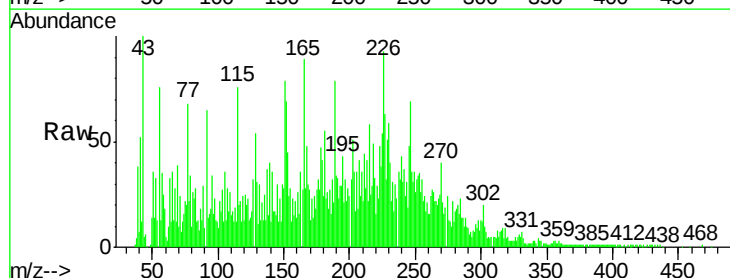
Tgt Ion:228 Resp: 3348

Ion Ratio Lower Upper

228 100

226 290.2 24.2 36.2#

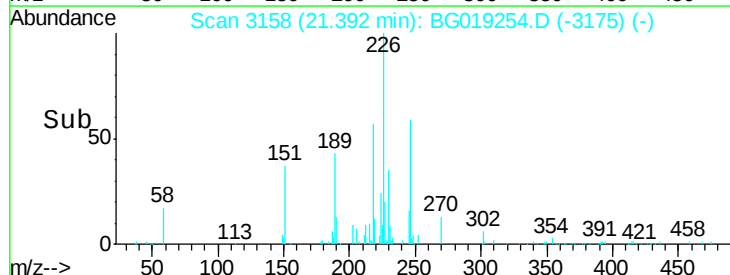
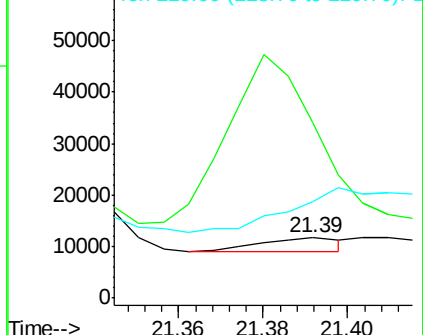
229 160.5 15.6 23.4#

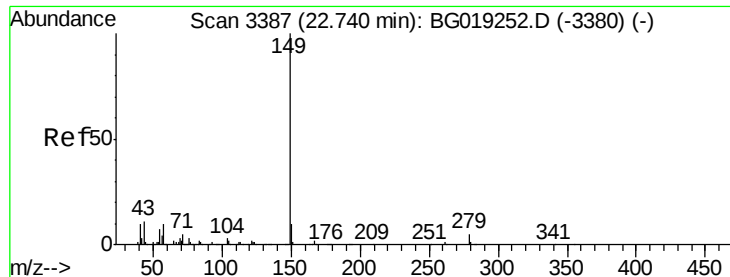


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 719.52 ng/ul

RT: 22.37 min Scan# 3325

Delta R.T. -0.37 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

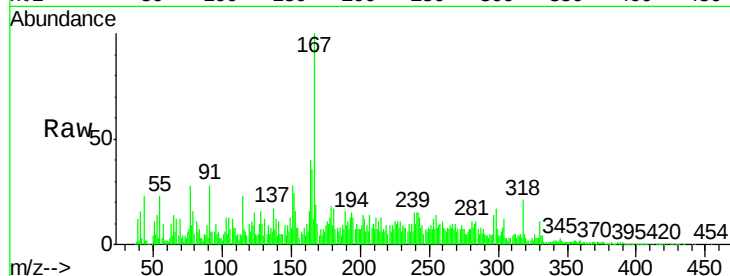
Instrument :

BNA_G

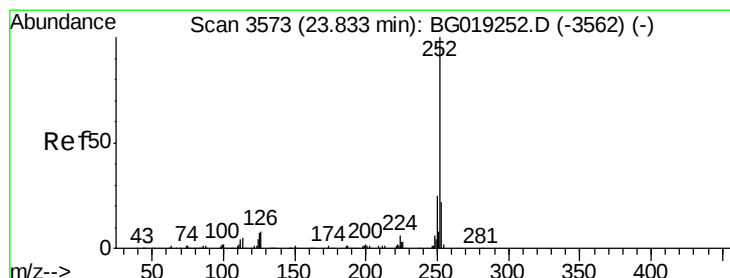
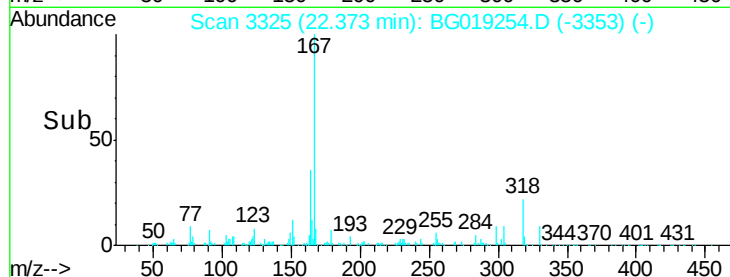
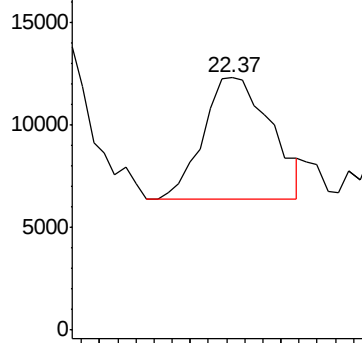
ClientSampleId :

E5LK2

Tgt Ion:149 Resp: 15432



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 17.85 ng/ul

RT: 23.48 min Scan# 3513

Delta R.T. -0.36 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

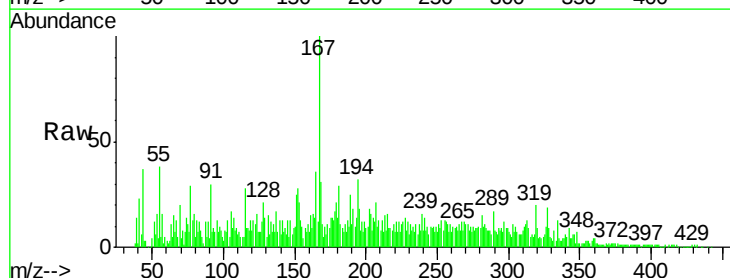
Tgt Ion:252 Resp: 408

Ion Ratio Lower Upper

252 100

253 145.6 17.4 26.2#

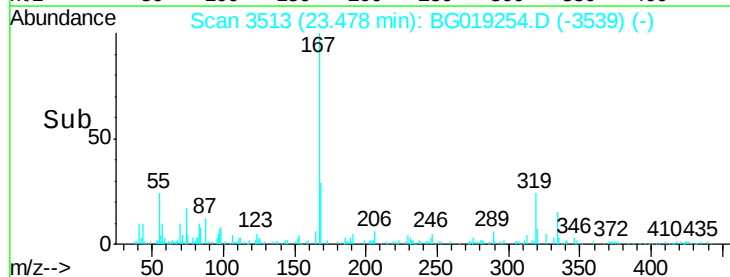
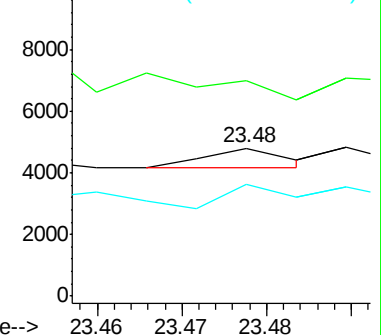
125 75.5 8.1 12.1#

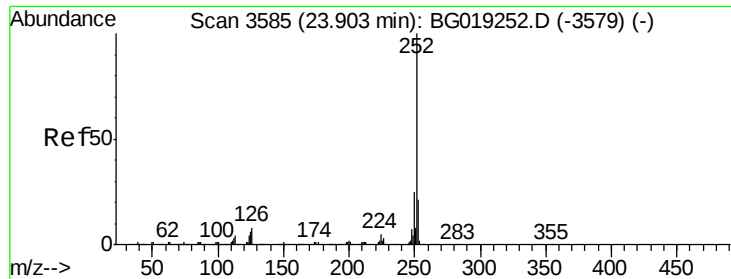


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 18.06 ng/ul

RT: 23.53 min Scan# 3522

Delta R.T. -0.37 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

Instrument :

BNA_G

ClientSampled :

E5LK2

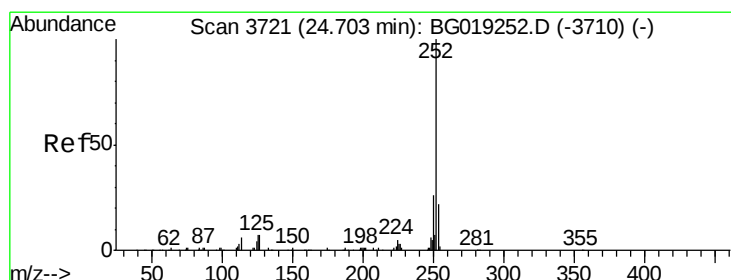
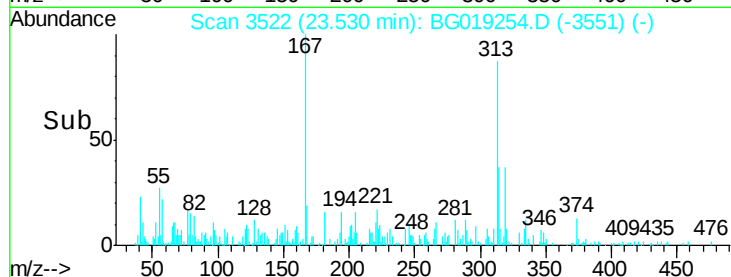
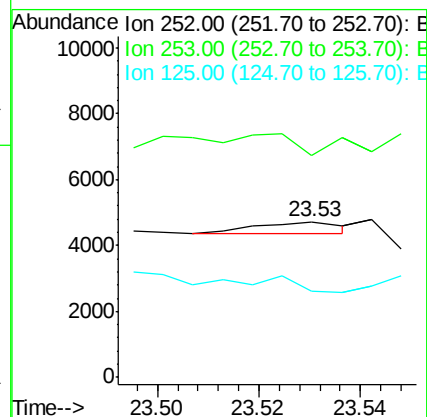
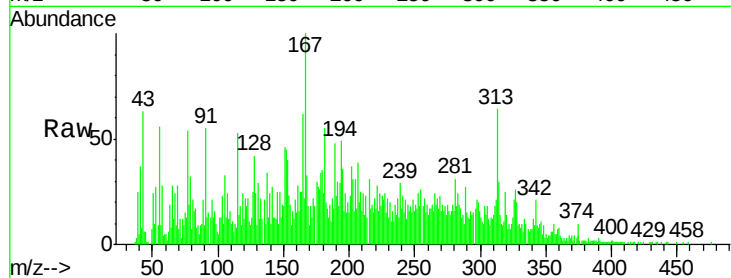
Tot Ion:252 Resp: 405

Ion Ratio Lower Upper

252 100

253 142.7 17.2 25.8#

125 55.5 8.4 12.6#



#91

Benzo(a)pyrene

Concen: 73.34 ng/ul

RT: 24.30 min Scan# 3653

Delta R.T. -0.40 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

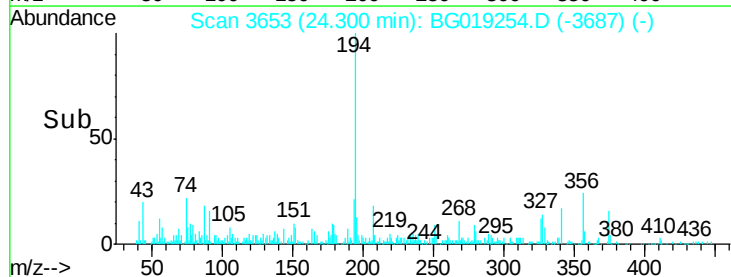
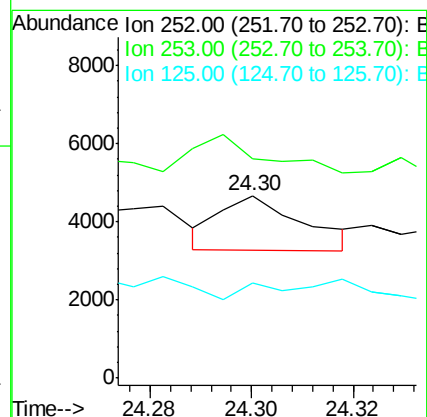
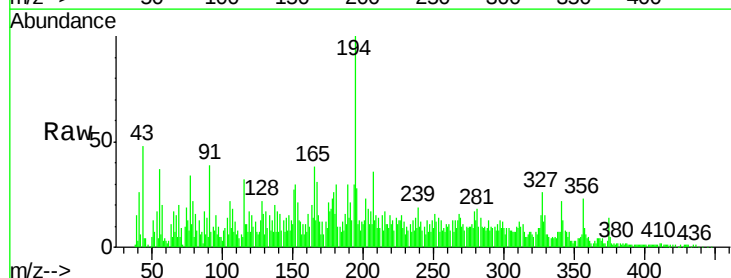
Tgt Ion:252 Resp: 1612

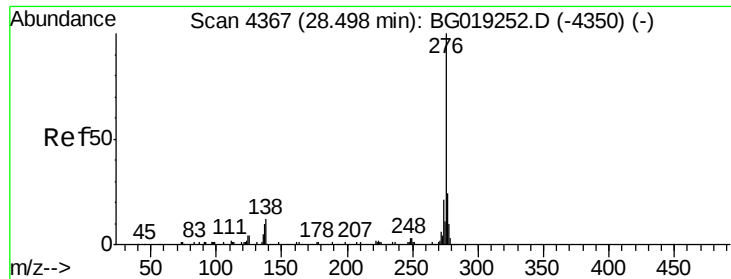
Ion Ratio Lower Upper

252 100

253 119.8 18.1 27.1#

125 52.0 9.4 14.2#





#92

Indeno(1,2,3-cd)pyrene

Concen: 5.59 ng/ul

RT: 28.05 min Scan# 4292

Delta R.T. -0.44 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

Instrument :

BNA_G

ClientSampleId :

E5LK2

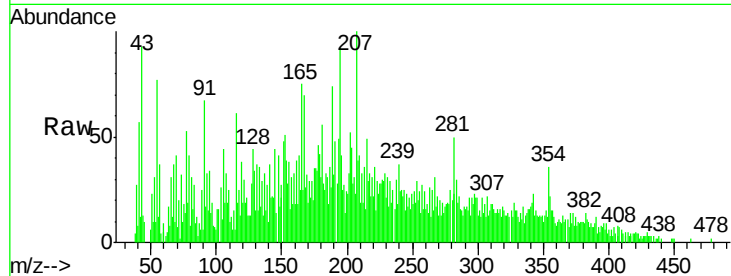
Tot Ion:276 Resp: 146

Ion Ratio Lower Upper

276 100

138 83.8 14.9 22.3#

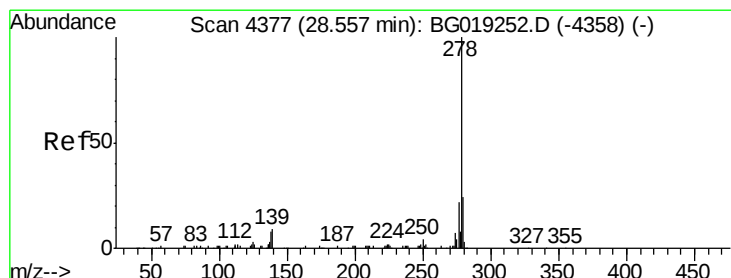
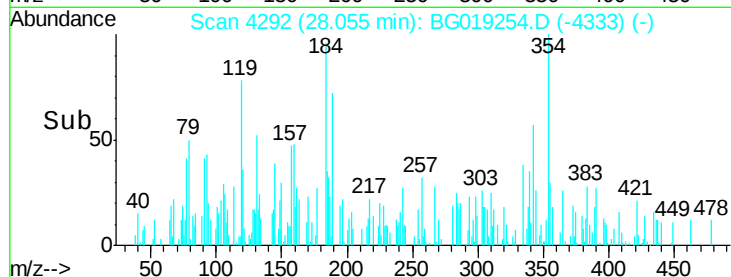
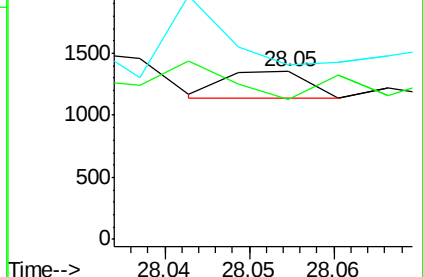
277 104.3 18.0 27.0#



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



#93

Dibenzo(a,h)anthracene

Concen: 24.58 ng/ul

RT: 28.12 min Scan# 4303

Delta R.T. -0.44 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

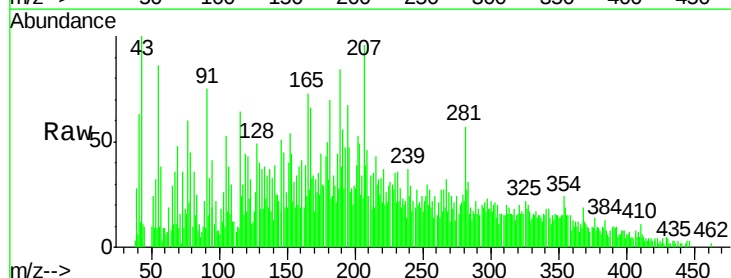
Tgt Ion:278 Resp: 559

Ion Ratio Lower Upper

278 100

139 157.8 11.2 16.8#

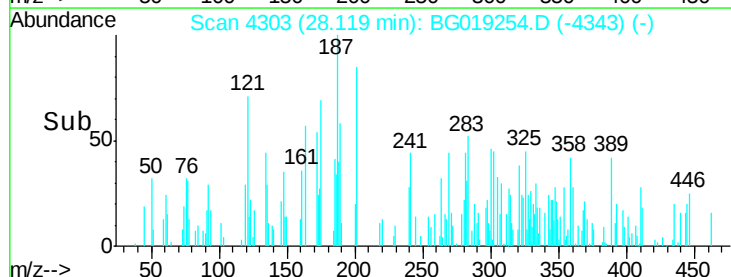
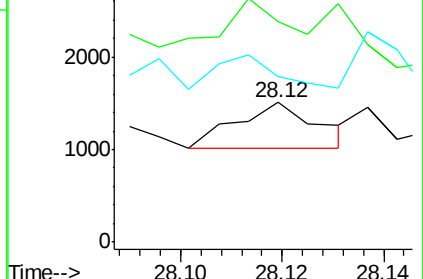
279 118.3 17.6 26.4#

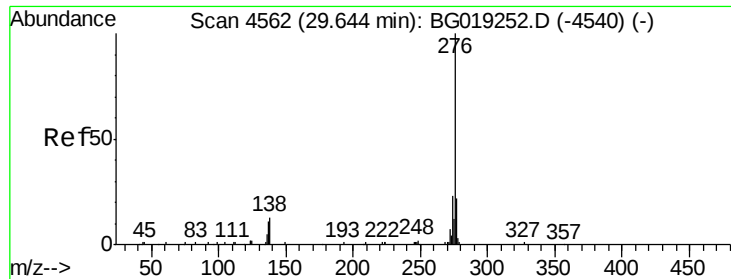


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 15.28 ng/ul

RT: 29.18 min Scan# 4484

Delta R.T. -0.46 min

Lab File: BG019254.D

Acq: 20 Oct 2015 00:13

Instrument :

BNA_G

ClientSampleId :

E5LK2

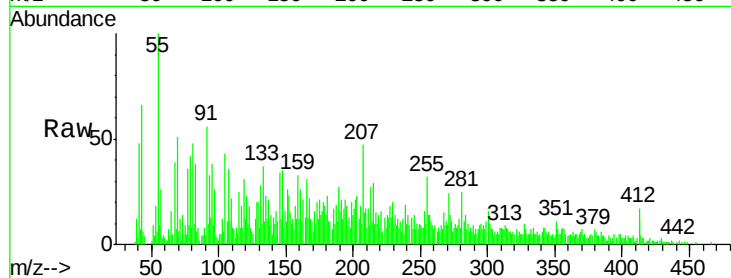
Tot Ion: 276 Resp: 328

Ion Ratio Lower Upper

276 100

138 92.2 16.3 24.5#

277 83.1 18.7 28.1#



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

