

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042092.D
 Acq On : 9 Aug 2019 8:14
 Operator : HP/JU
 Sample : K4147-03MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 09 16:25:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 16:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	74602	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	294711	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	214879	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	419894	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	447315	20.00	ng/ul	0.01
85) Perylene-d12	25.02	264	525800	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	8999	5.28	ng/uL	0.00
5) Phenol-d5	7.18	99	183498	31.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	95872	29.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	172891	34.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	165062	33.58	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	89187	40.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	108869	42.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	201568	38.76	ng/ul	0.00
29) 4-Chloroaniline-d4	11.39	131	6166	1.07	ng/ul	0.41
43) Dimethylphthalate-d6	14.10	166	555598	33.34	ng/ul	0.01
46) Acenaphthylene-d8	14.39	160	669014	35.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.92	143	85256	30.47	ng/ul	0.04
57) Fluorene-d10	15.69	176	560265	37.79	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.82	200	95419	35.42	ng/ul	0.02
70) Anthracene-d10	17.55	188	783050	38.87	ng/ul	0.01
78) Pyrene-d10	19.84	212	835591	33.47	ng/ul	0.01
89) Benzo(a)pyrene-d12	24.80	264	1036204	37.72	ng/ul	0.04

Target Compounds

					Ovalue
4) Benzaldehyde	7.17	77	9128	3.300	ng/ul# 1
6) Phenol	7.21	94	215325	35.630	ng/ul 96
10) 2-Chlorophenol	7.59	128	181944	35.859	ng/ul 98
11) 2-Methylphenol	8.48	108	9324	1.924	ng/ul 90
14) Acetophenone	8.84	105	62076	8.211	ng/ul# 35
15) N-Nitroso-di-n-propylamine	8.84	70	127737	31.985	ng/ul 95
16) 4-Methylphenol	8.81	108	16841	3.217	ng/ul 95
17) Hexachloroethane	9.15	117	25588	12.179	ng/ul# 1
24) 2,4-Dimethylphenol	10.02	107	34978	6.442	ng/ul 93
27) 2,4-Dichlorophenol	10.50	162	19014	3.687	ng/ul# 32
28) Naphthalene	10.90	128	348196	23.110	ng/ul 98
33) 4-Chloro-3-methylphenol	12.14	107	191095	37.613	ng/ul 98
34) 2-Methylnaphthalene	12.52	142	629429	52.561	ng/ul 100
40) 1,1'-Biphenyl	13.52	154	115900	7.418	ng/ul 98
44) Dimethylphthalate	14.14	163	98391	5.946	ng/ul# 84
47) Acenaphthylene	14.42	152	33014	1.718	ng/ul# 53
48) 3-Nitroaniline	14.57	138	16897	5.887	ng/ul# 22
49) Acenaphthene	14.76	153	543461	40.451	ng/ul 98
52) 4-Nitrophenol	14.93	109	73442	35.417	ng/ul 98
53) Dibenzofuran	15.09	168	221352	11.039	ng/ul 90
54) 2,4-Dinitrotoluene	15.06	165	200642	38.340	ng/ul# 96
58) Fluorene	15.74	166	310143	19.203	ng/ul 99
60) 4-Nitroaniline	15.74	138	3541	1.107	ng/ul# 65

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 ALS Vial : 22 Sample Multiplier: 1

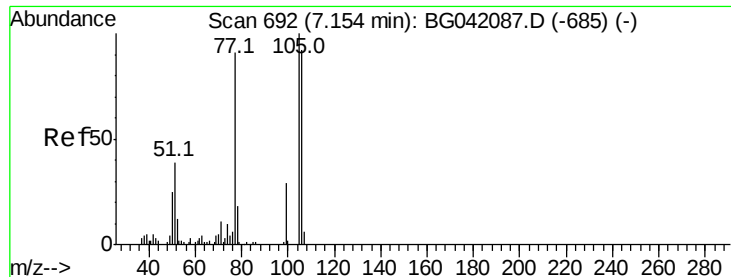
Instrument :
 BNA_G
 ClientSampleId :

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 Response via : Initial Calibration

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

64) N-Nitrosodiphenylamine	15.96	169	60195	4.832	ng/ul#	79
67) Atrazine	16.91	200	7594	1.455	ng/ul#	1
68) Pentachlorophenol	17.11	266	147099	48.374	ng/ul	98
69) Phenanthrene	17.49	178	417807	18.176	ng/ul#	94
71) Anthracene	17.49	178	417807	17.920	ng/ul	95
74) Carbazole	17.85	167	34827	1.803	ng/ul#	66
76) Fluoranthene	19.87	202	1244225	46.846	ng/ul	98
79) Pyrene	19.87	202	1245272	41.386	ng/ul	99
82) Benzo(a)anthracene	21.72	228	67751	2.184	ng/ul#	63
84) Chrysene	21.78	228	65921	2.277	ng/ul#	64
90) Benzo(a)pyrene	24.87	252	39959	1.271	ng/ul#	69

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



#4

Benzaldehyde

Concen: 3.300 ng/ul

RT: 7.17 min Scan# 695

Delta R.T. 0.02 min

Lab File: BG042092.D

Acq: 9 Aug 2019 8:14

Instrument :

BNA_G

ClientSampled :

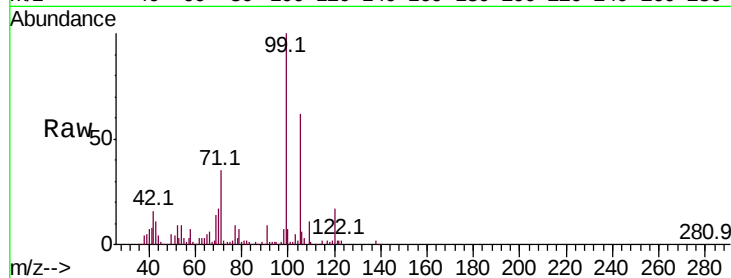
Tot Ion: 77 Resp: 9128

Ion Ratio Lower Upper

77 100

105 705.7 80.7 121.1#

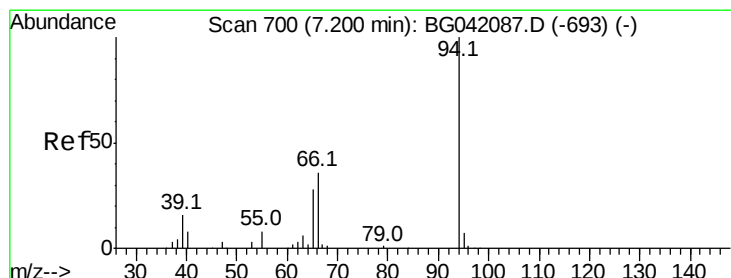
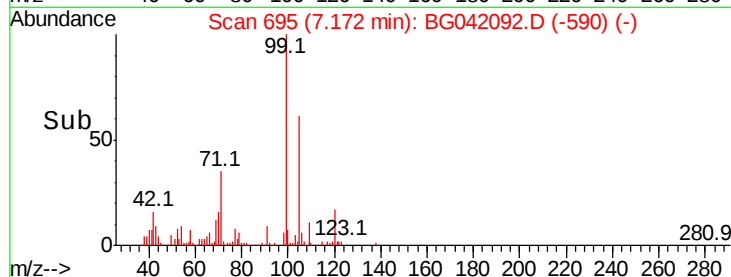
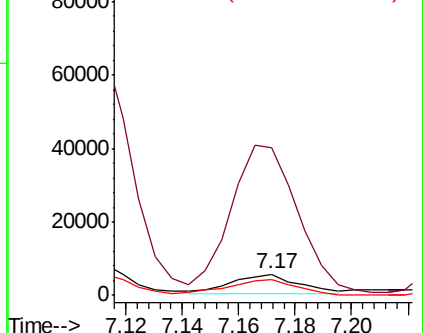
106 73.7 76.3 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#6

Phenol

Concen: 35.630 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG042092.D

Acq: 9 Aug 2019 8:14

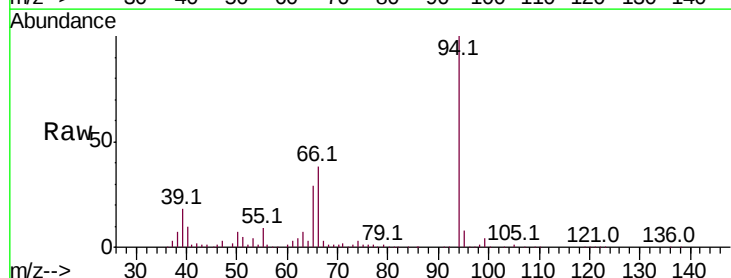
Tgt Ion: 94 Resp: 215325

Ion Ratio Lower Upper

94 100

65 28.5 25.8 38.6

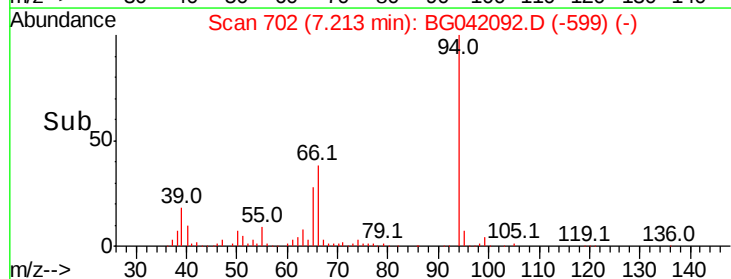
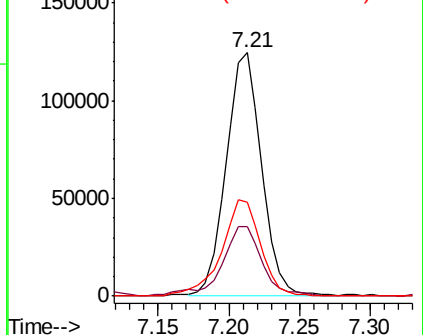
66 38.4 31.8 47.8

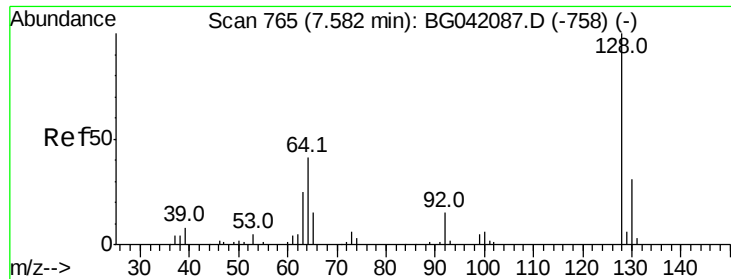


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

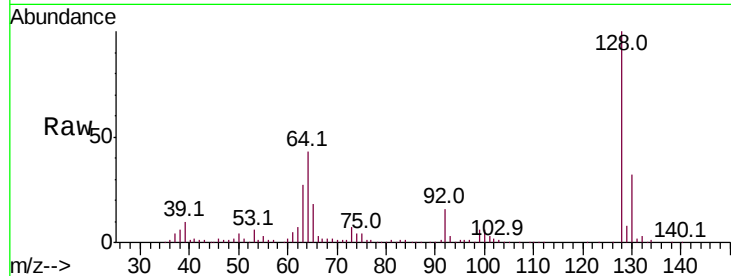




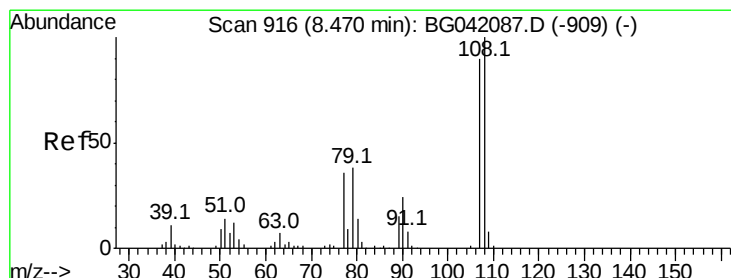
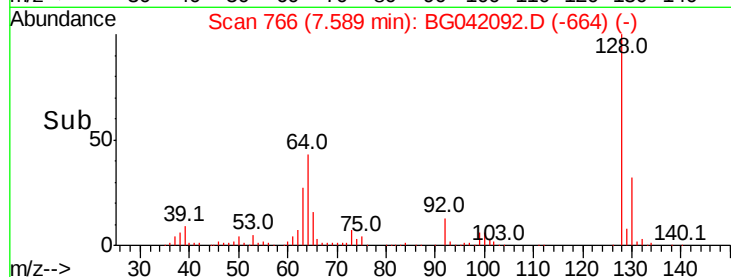
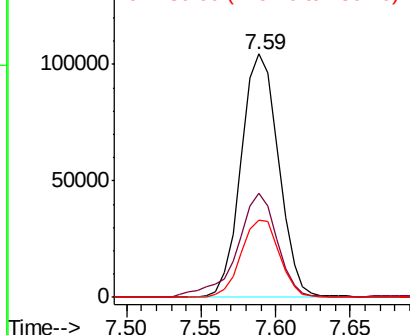
#10
2-Chlorophenol
Concen: 35.859 ng/ul
RT: 7.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BG042092.D
Acq: 9 Aug 2019 8:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 181944
Ion Ratio Lower Upper
128 100
64 42.8 35.5 53.3
130 31.9 26.2 39.4

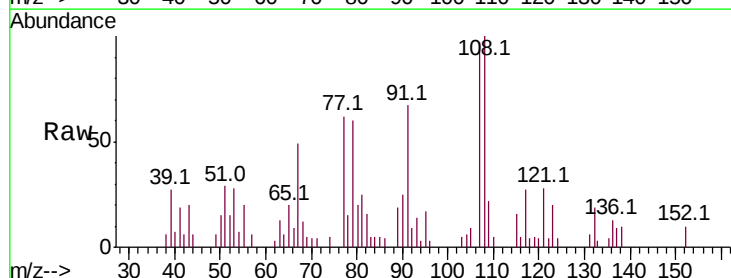


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 130.00 (129.70 to 130.70): E

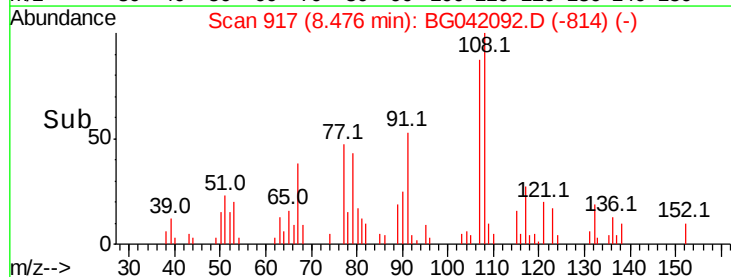
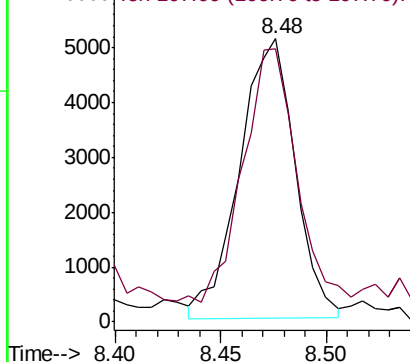


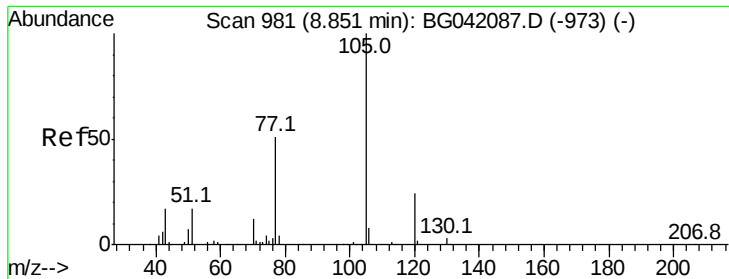
#11
2-Methylphenol
Concen: 1.924 ng/ul
RT: 8.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BG042092.D
Acq: 9 Aug 2019 8:14

Tgt Ion:108 Resp: 9324
Ion Ratio Lower Upper
108 100
107 96.5 69.9 104.9



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





#14

Acetophenone

Concen: 8.211 ng/ul

RT: 8.84 min Scan# 979

Delta R.T. -0.01 min

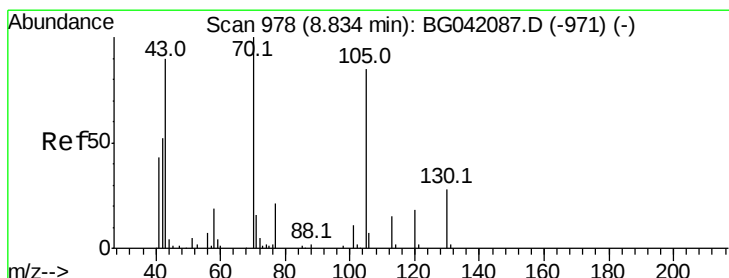
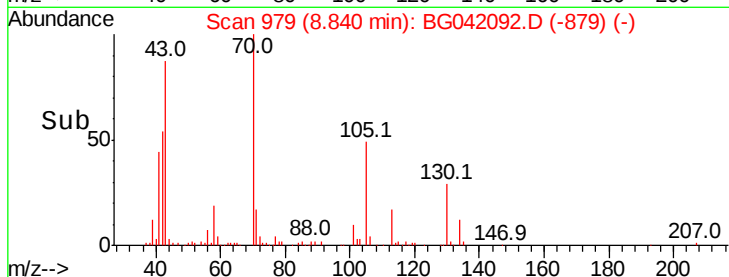
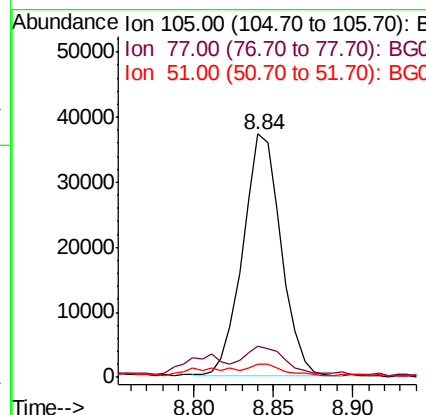
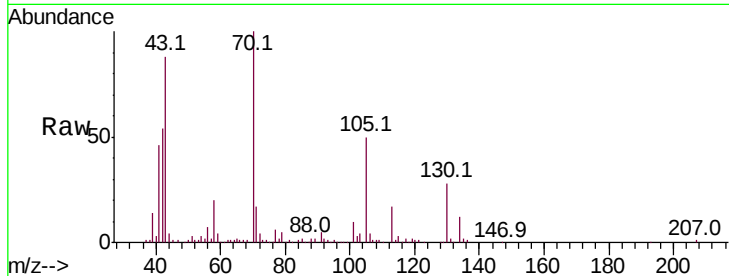
Lab File: BG042092.D

Acq: 9 Aug 2019 8:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:105 Resp: 62076

Ion	Ratio	Lower	Upper
105	100		
77	12.8	60.0	90.0#
51	5.5	22.1	33.1#



#15

N-Nitroso-di-n-propylamine

Concen: 31.985 ng/ul

RT: 8.84 min Scan# 979

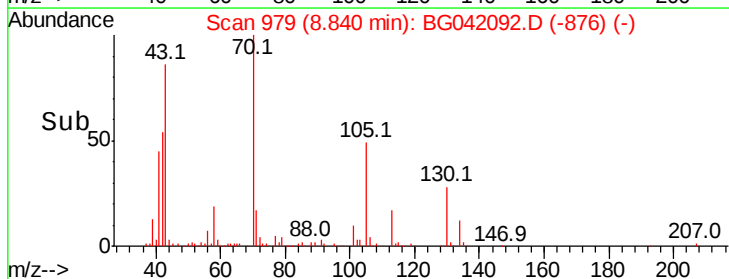
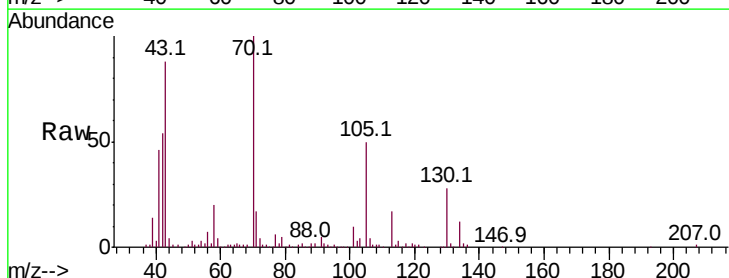
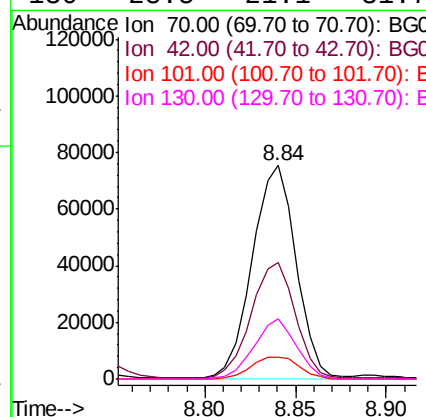
Delta R.T. 0.01 min

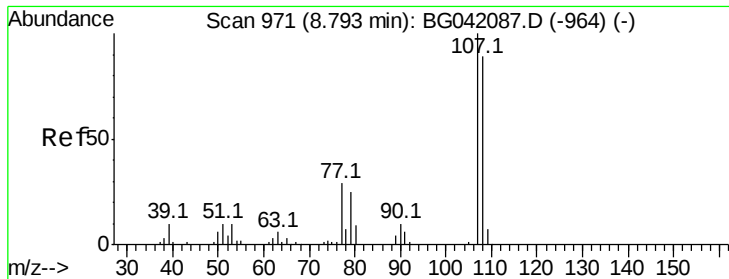
Lab File: BG042092.D

Acq: 9 Aug 2019 8:14

Tgt Ion: 70 Resp: 127737

Ion	Ratio	Lower	Upper
70	100		
42	54.3	46.4	69.6
101	10.2	9.7	14.5
130	28.5	21.1	31.7

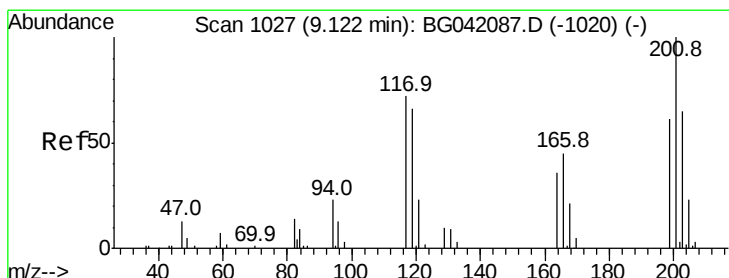
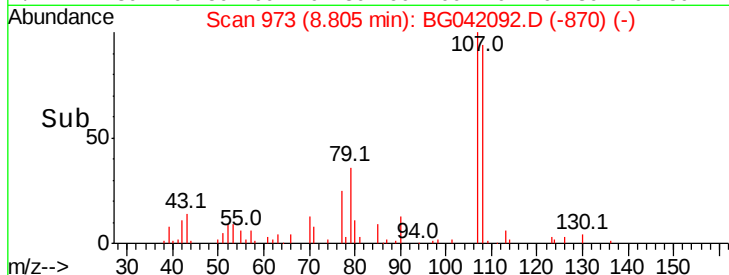
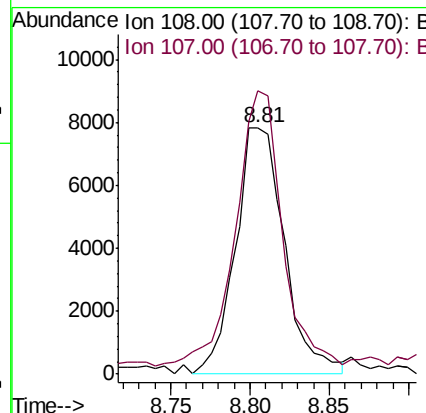
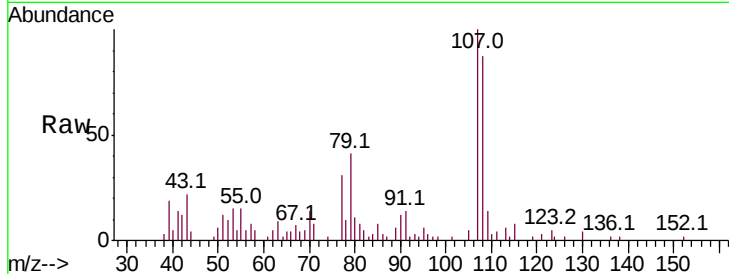




#16
4-Methylphenol
Concen: 3.217 ng/ul
RT: 8.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BG042092.D
Acq: 9 Aug 2019 8:14

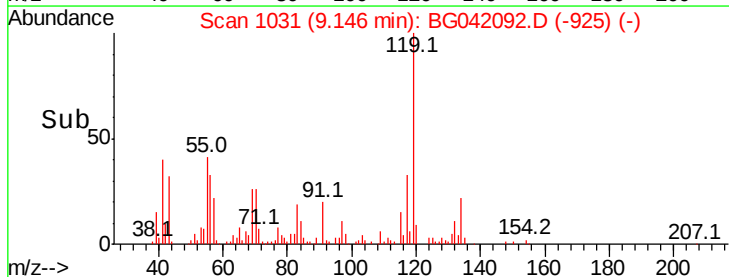
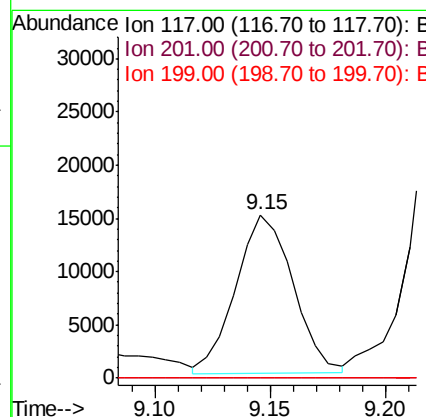
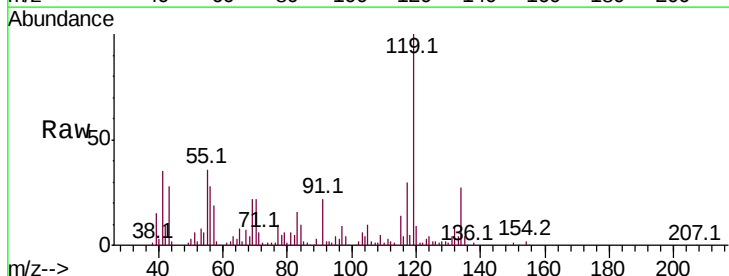
Instrument :
BNA_G
ClientSampled :

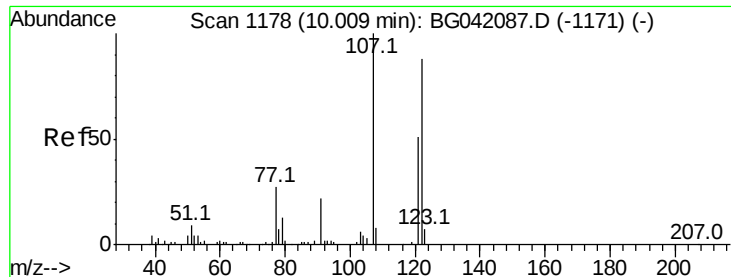
Tot Ion:108 Resp: 16841
Ion Ratio Lower Upper
108 100
107 114.8 96.2 144.2



#17
Hexachloroethane
Concen: 12.179 ng/ul
RT: 9.15 min Scan# 1031
Delta R.T. 0.02 min
Lab File: BG042092.D
Acq: 9 Aug 2019 8:14

Tgt Ion:117 Resp: 25588
Ion Ratio Lower Upper
117 100
201 0.0 103.4 155.2#
199 0.0 62.9 94.3#

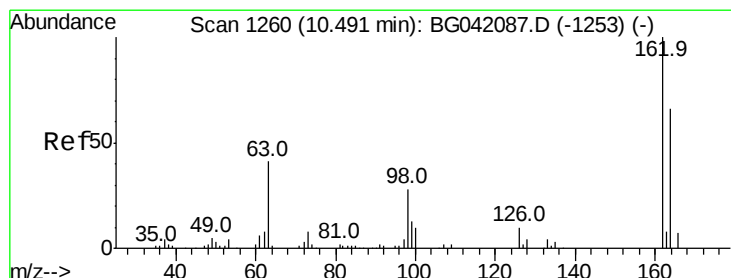
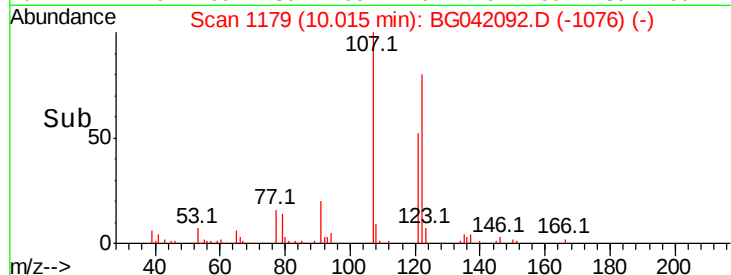
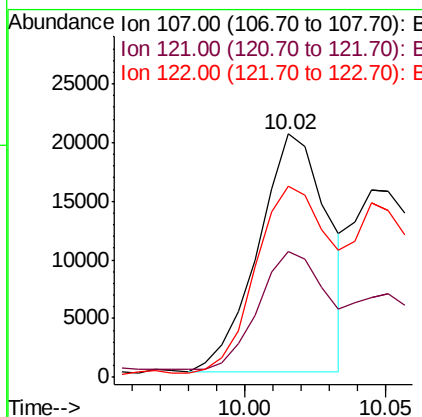
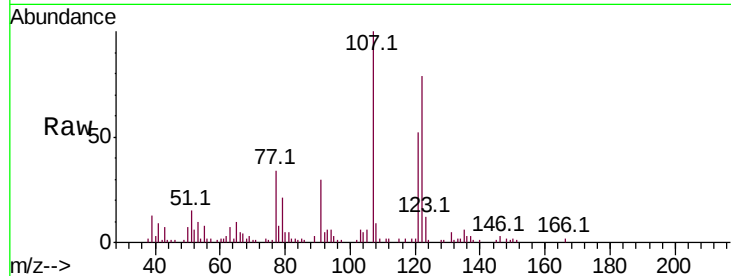




#24
2,4-Dimethylphenol
Concen: 6.442 ng/ul
RT: 10.02 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BG042092.D
Acq: 9 Aug 2019 8:14

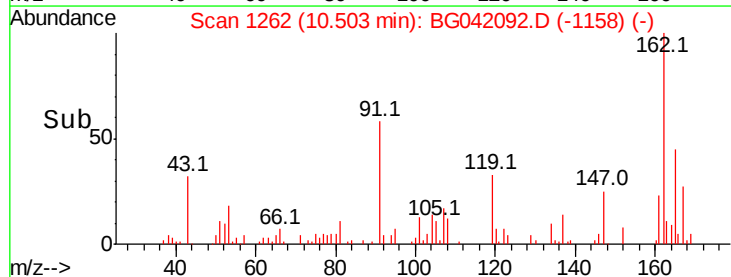
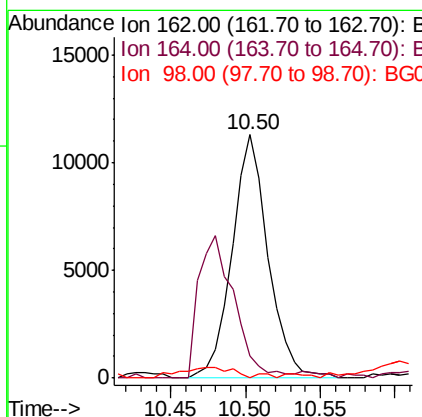
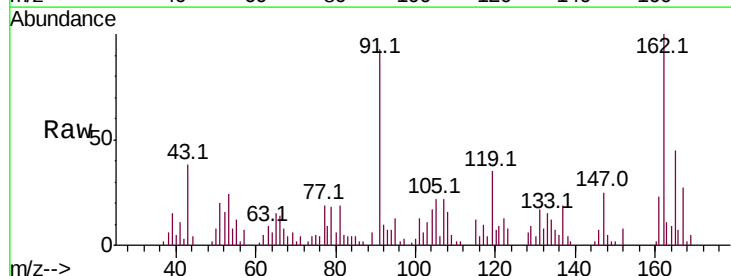
Instrument :
BNA_G
ClientSampleId :

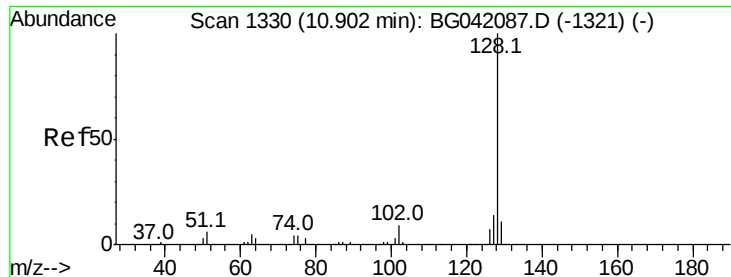
Tot Ion:107 Resp: 34978
Ion Ratio Lower Upper
107 100
121 51.9 45.0 67.6
122 78.5 68.1 102.1



#27
2,4-Dichlorophenol
Concen: 3.687 ng/ul
RT: 10.50 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BG042092.D
Acq: 9 Aug 2019 8:14

Tgt Ion:162 Resp: 19014
Ion Ratio Lower Upper
162 100
164 9.1 54.6 82.0#
98 0.0 24.6 36.8#





#28

Naphthalene

Concen: 23.110 ng/ul

RT: 10.90 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BG042092.D

Acq: 9 Aug 2019 8:14

Instrument :

BNA_G

ClientSampled :

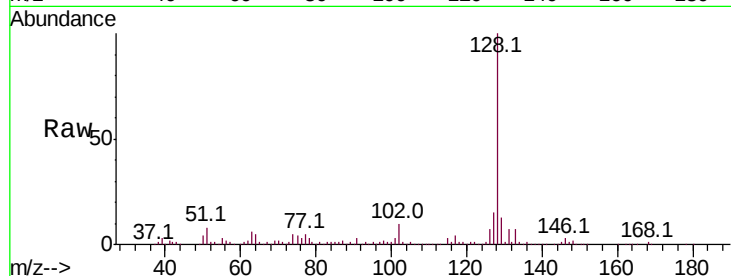
Tot Ion:128 Resp: 348196

Ion Ratio Lower Upper

128 100

129 12.7 9.5 14.3

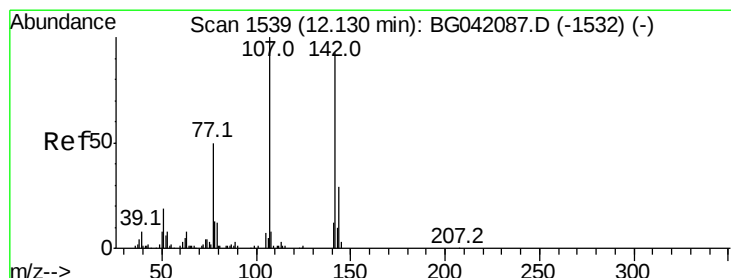
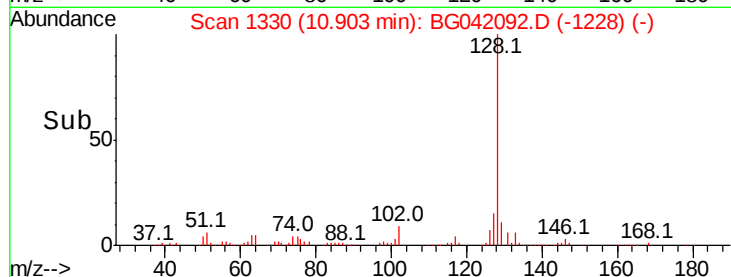
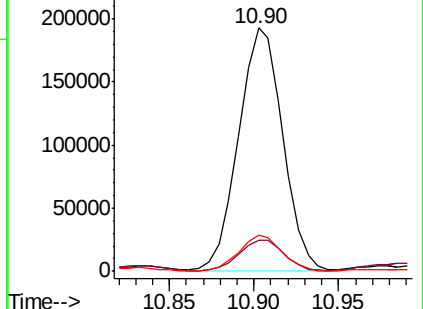
127 15.0 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloro-3-methylphenol

Concen: 37.613 ng/ul

RT: 12.14 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BG042092.D

Acq: 9 Aug 2019 8:14

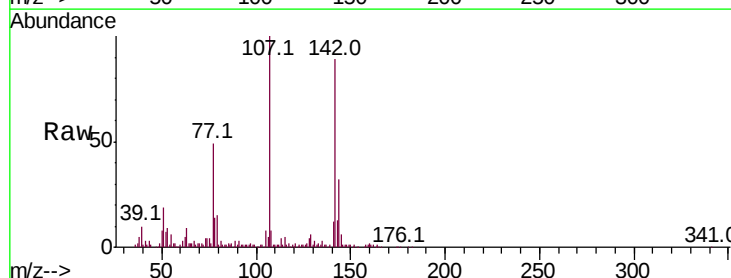
Tgt Ion:107 Resp: 191095

Ion Ratio Lower Upper

107 100

144 31.7 23.0 34.6

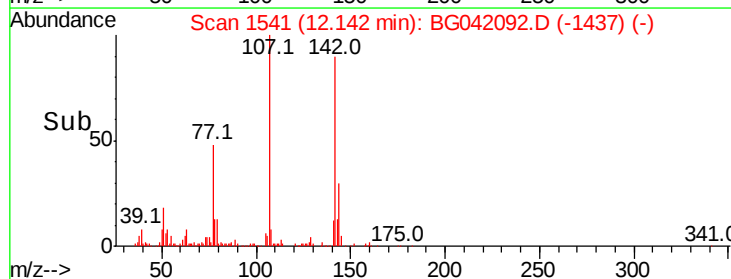
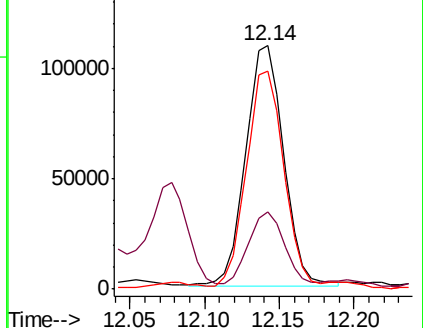
142 89.3 71.0 106.6

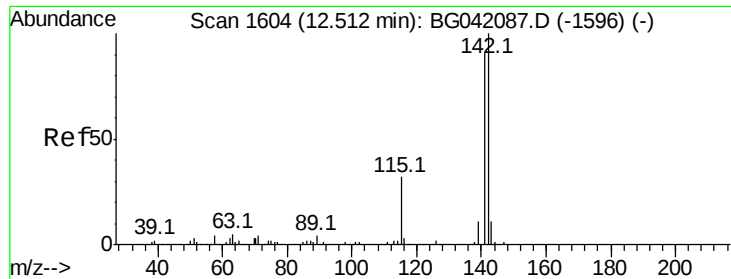


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 52.561 ng/ul

RT: 12.52 min Scan# 1605

Delta R.T. 0.01 min

Lab File: BG042092.D

Acq: 9 Aug 2019 8:14

Instrument :

BNA_G

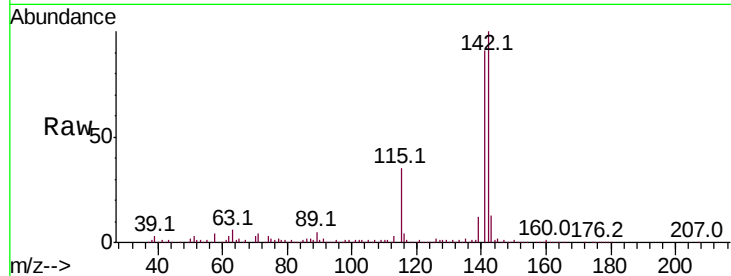
ClientSampleId :

Tot Ion:142 Resp: 629429

Ion Ratio Lower Upper

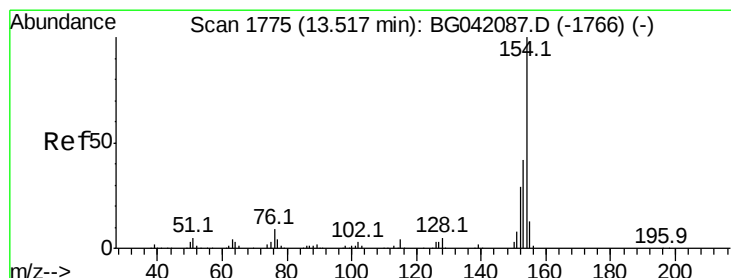
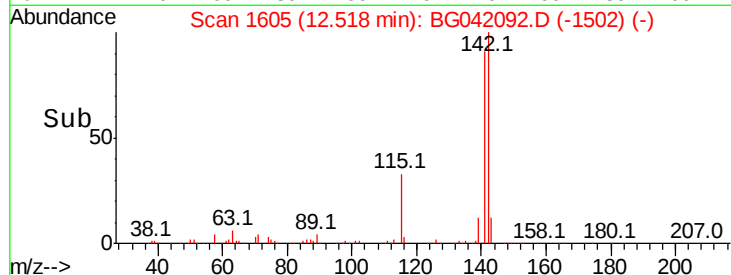
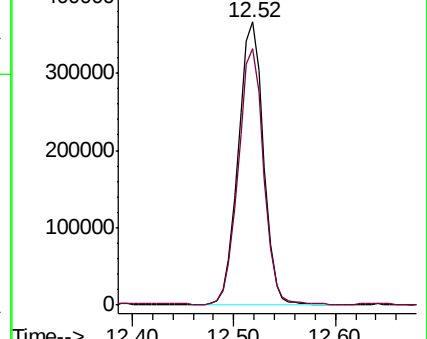
142 100

141 90.8 72.9 109.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#40

1,1'-Biphenyl

Concen: 7.418 ng/ul

RT: 13.52 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BG042092.D

Acq: 9 Aug 2019 8:14

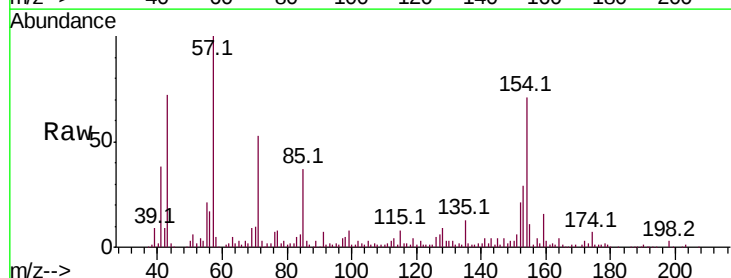
Tgt Ion:154 Resp: 115900

Ion Ratio Lower Upper

154 100

153 41.6 32.6 48.8

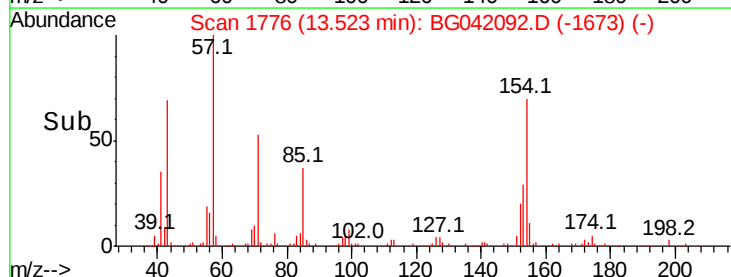
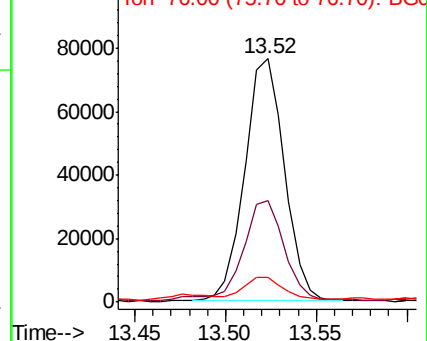
76 10.0 8.6 13.0

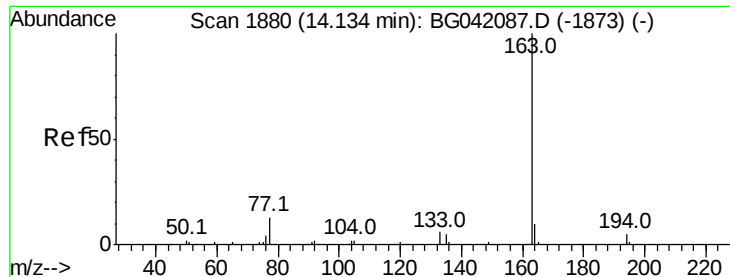


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#44

Dimethylphthalate

Concen: 5.946 ng/ul

RT: 14.14 min Scan# 1881

Delta R.T. 0.01 min

Lab File: BG042092.D

Acq: 9 Aug 2019 8:14

Instrument :

BNA_G

ClientSampleId :

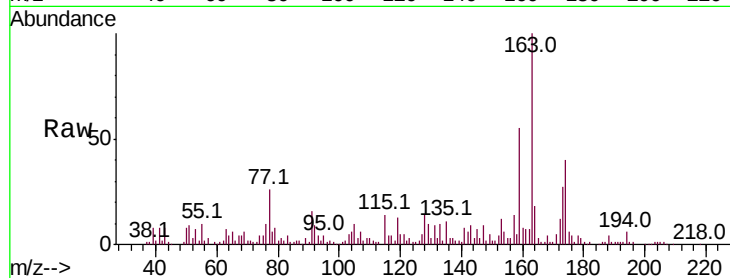
Tot Ion:163 Resp: 98391

Ion Ratio Lower Upper

163 100

194 6.3 4.2 6.2#

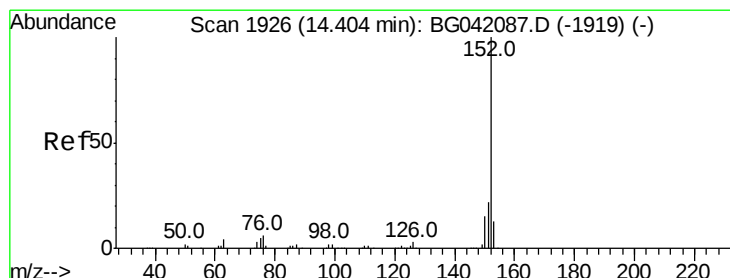
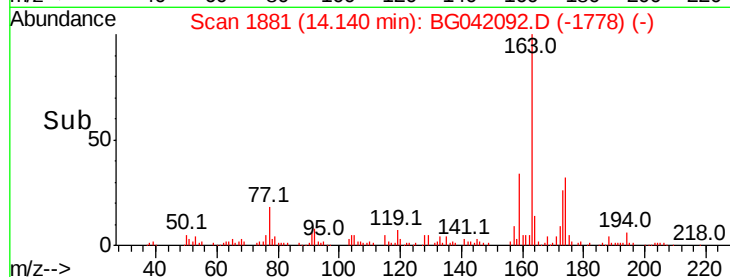
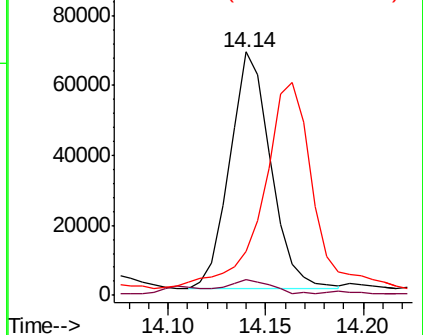
164 18.1 7.8 11.8#



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



#47

Acenaphthylene

Concen: 1.718 ng/ul

RT: 14.42 min Scan# 1928

Delta R.T. 0.01 min

Lab File: BG042092.D

Acq: 9 Aug 2019 8:14

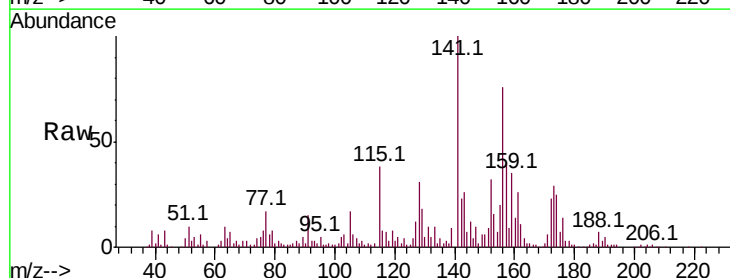
Tgt Ion:152 Resp: 33014

Ion Ratio Lower Upper

152 100

151 29.6 16.8 25.2#

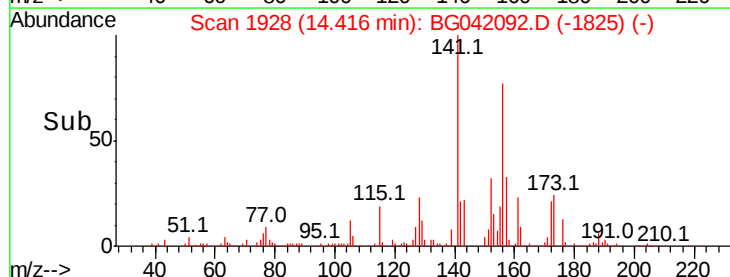
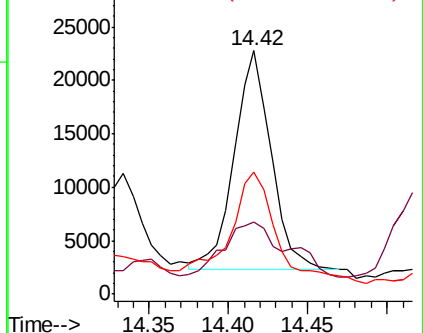
153 49.9 10.3 15.5#

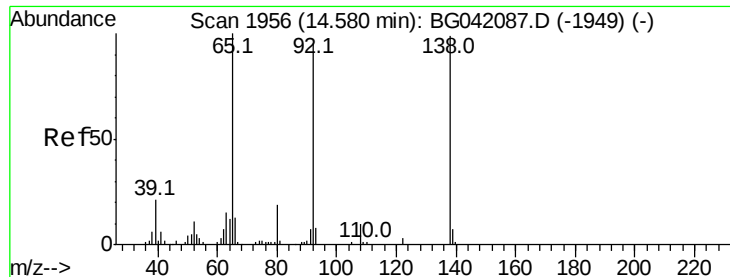


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

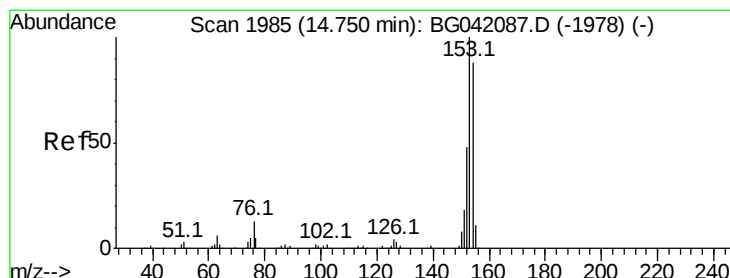
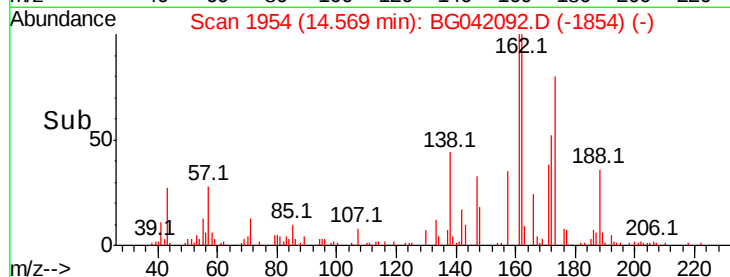
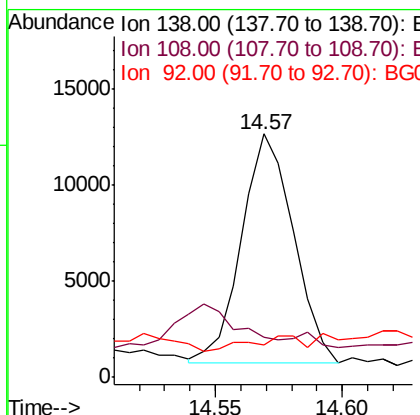
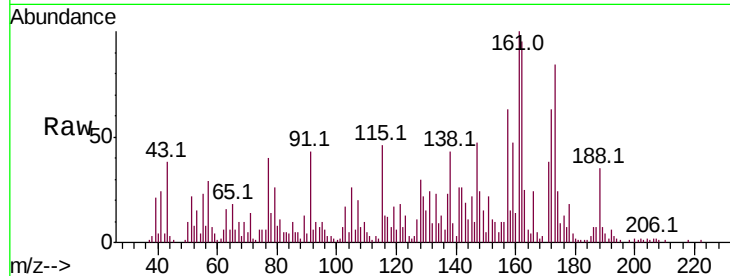




#48
3-Nitroaniline
Concen: 5.887 ng/ul
RT: 14.57 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG042092.D
Acq: 9 Aug 2019 8:14

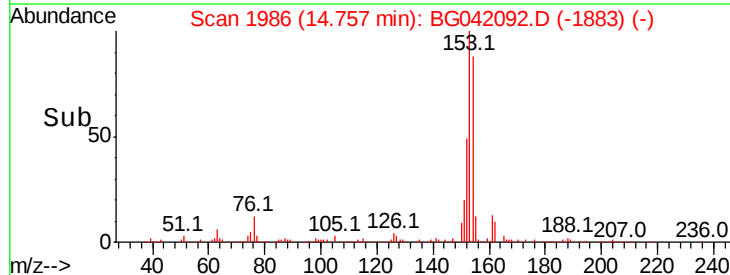
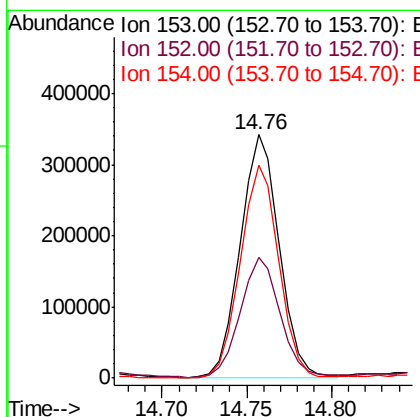
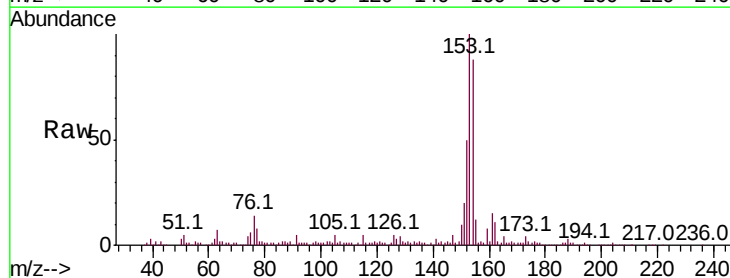
Instrument :
BNA_G
ClientSampleId :

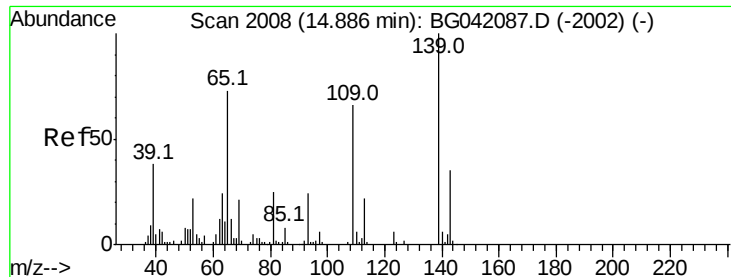
Tot Ion:138 Resp: 16897
Ion Ratio Lower Upper
138 100
108 16.4 7.6 11.4#
92 13.4 76.4 114.6#



#49
Acenaphthene
Concen: 40.451 ng/ul
RT: 14.76 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BG042092.D
Acq: 9 Aug 2019 8:14

Tgt Ion:153 Resp: 543461
Ion Ratio Lower Upper
153 100
152 49.6 37.8 56.8
154 87.6 69.4 104.2





#52

4-Nitrophenol

Concen: 35.417 ng/ul

RT: 14.93 min Scan# 2016

Delta R.T. 0.05 min

Lab File: BG042092.D

Acq: 9 Aug 2019 8:14

Instrument :

BNA_G

ClientSampleId :

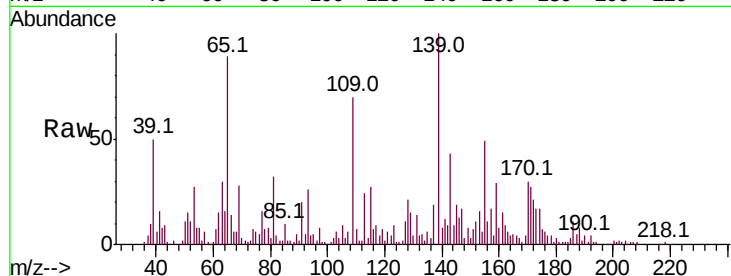
Tot Ion:109 Resp: 73442

Ion Ratio Lower Upper

109 100

139 142.5 111.8 167.6

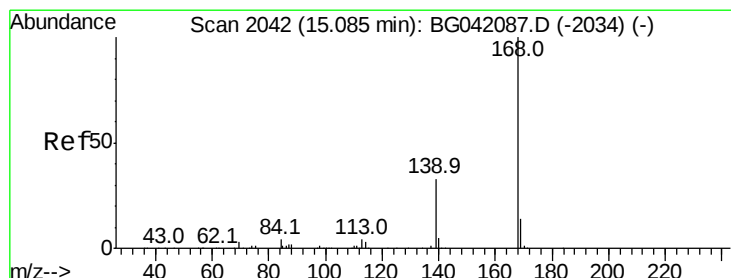
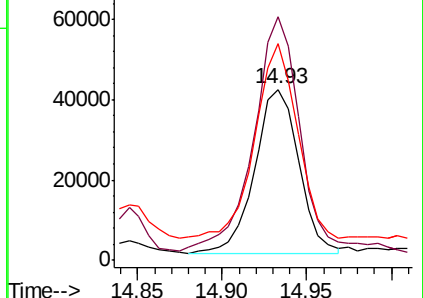
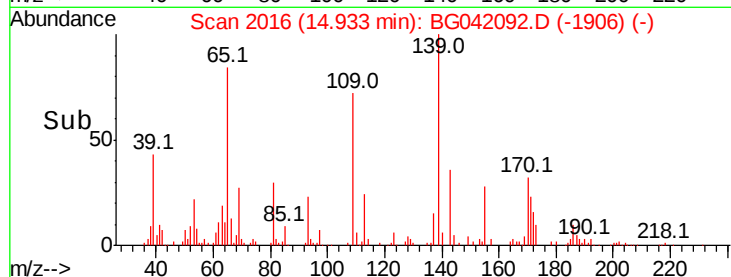
65 126.5 103.6 155.4



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): BGC



#53

Dibenzofuran

Concen: 11.039 ng/ul

RT: 15.09 min Scan# 2043

Delta R.T. 0.01 min

Lab File: BG042092.D

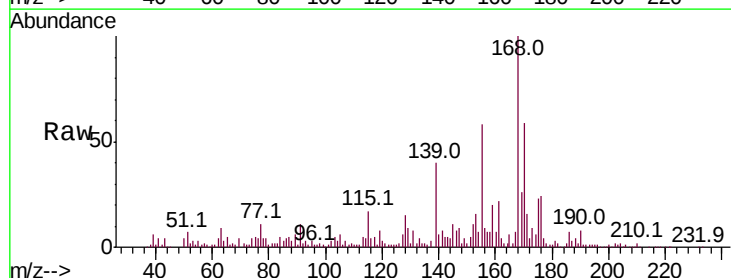
Acq: 9 Aug 2019 8:14

Tgt Ion:168 Resp: 221352

Ion Ratio Lower Upper

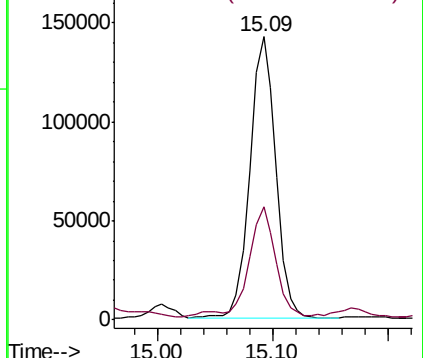
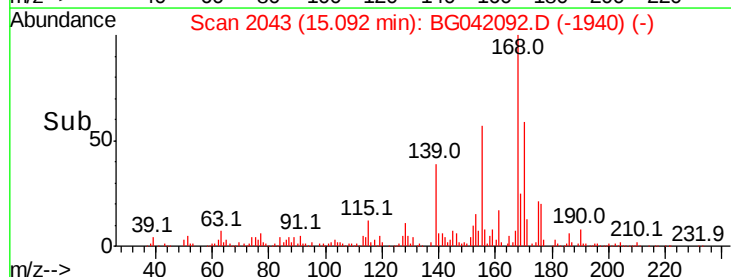
168 100

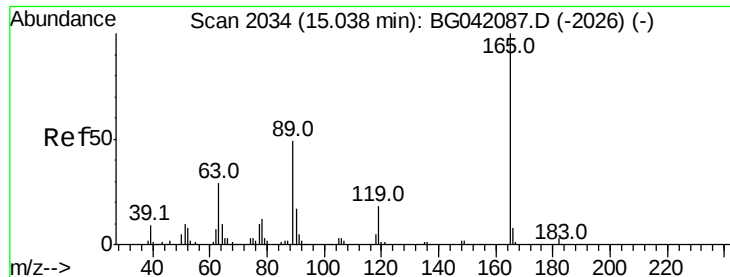
139 39.9 27.3 40.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 38.340 ng/ul

RT: 15.06 min Scan# 2038

Delta R.T. 0.02 min

Lab File: BG042092.D

Acq: 9 Aug 2019 8:14

Instrument :

BNA_G

ClientSampleId :

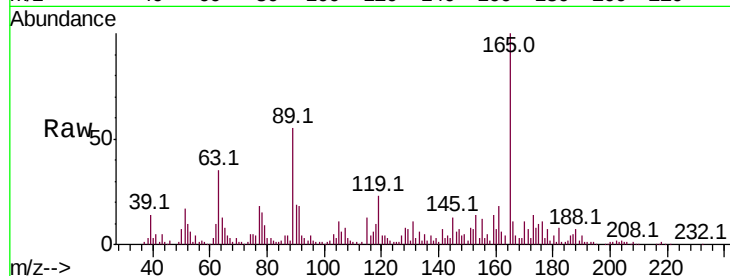
Tot Ion:165 Resp: 200642

Ion Ratio Lower Upper

165 100

63 34.9 29.4 44.2

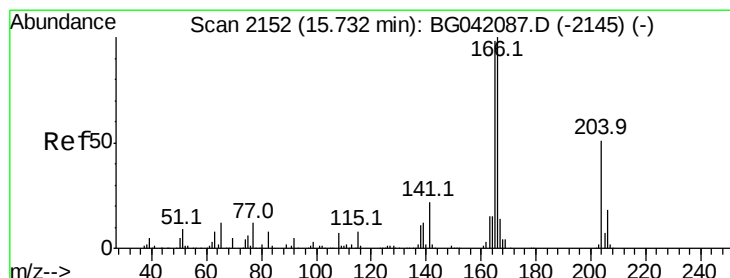
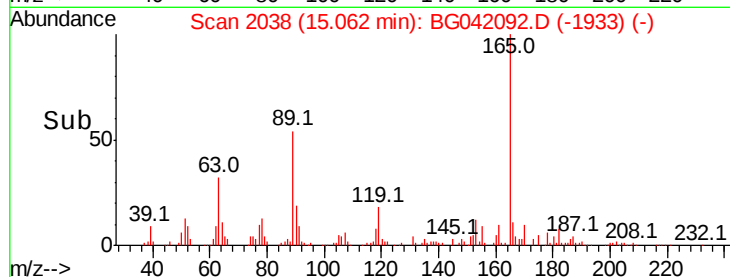
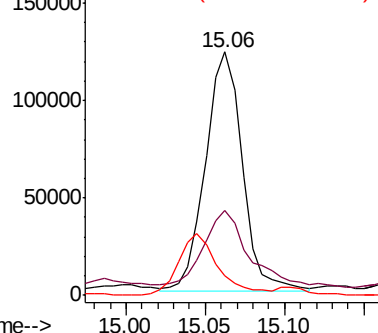
182 8.1 2.6 4.0#



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



#58

Fluorene

Concen: 19.203 ng/ul

RT: 15.74 min Scan# 2154

Delta R.T. 0.01 min

Lab File: BG042092.D

Acq: 9 Aug 2019 8:14

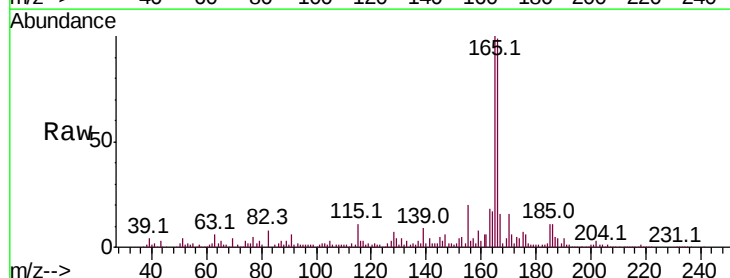
Tgt Ion:166 Resp: 310143

Ion Ratio Lower Upper

166 100

165 101.1 81.1 121.7

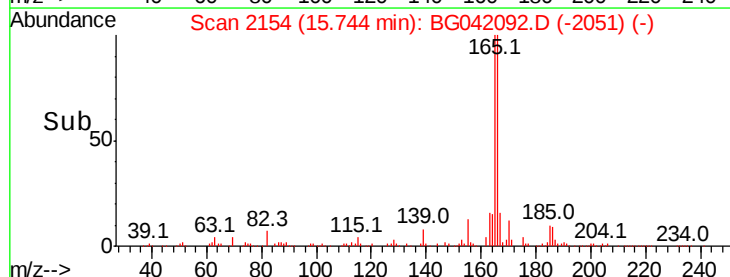
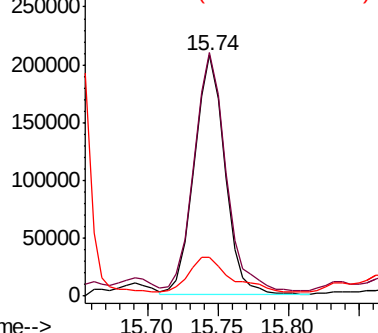
167 16.2 11.0 16.4

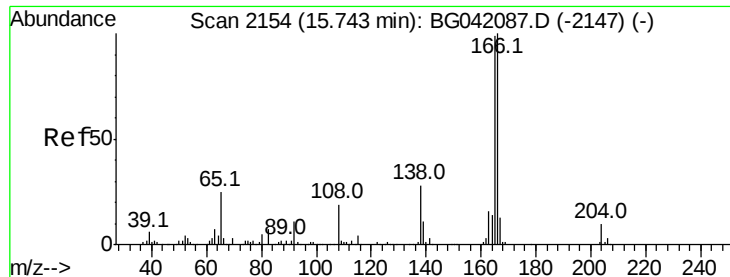


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

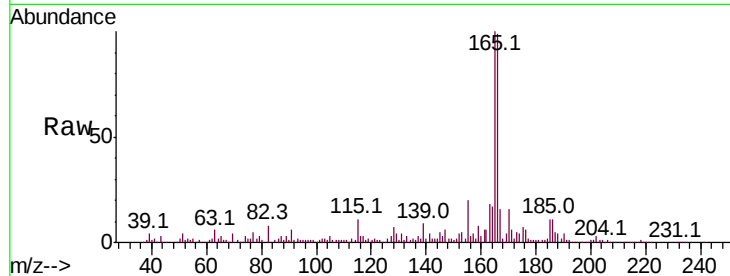




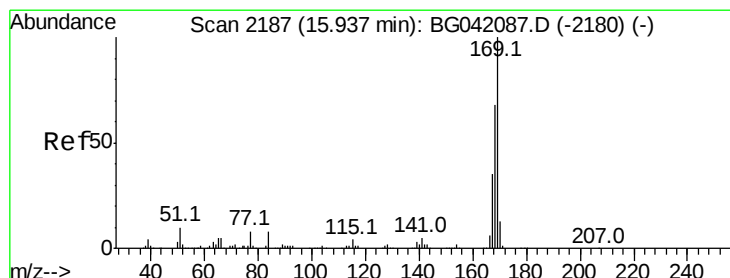
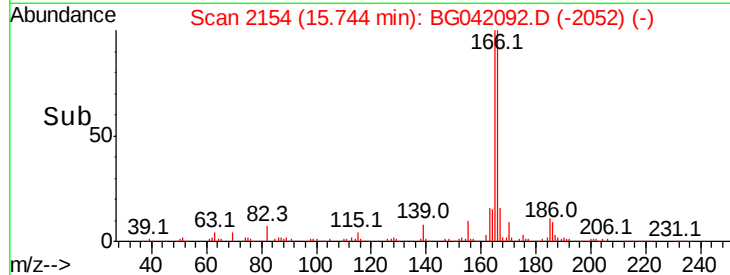
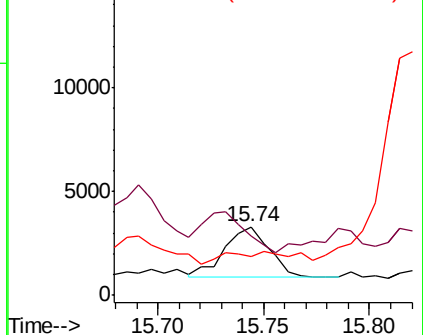
#60
4-Nitroaniline
Concen: 1.107 ng/ul
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG042092.D
Acq: 9 Aug 2019 8:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 3541
Ion Ratio Lower Upper
138 100
92 87.2 34.6 51.8#
108 56.2 54.2 81.2

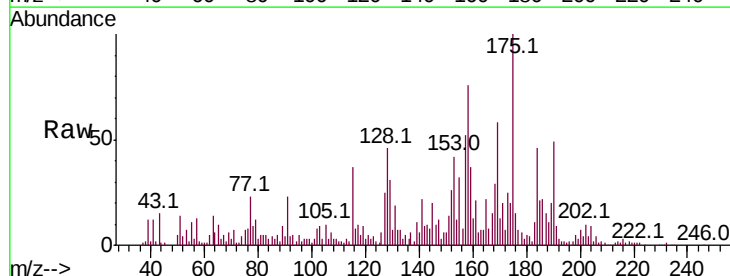


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

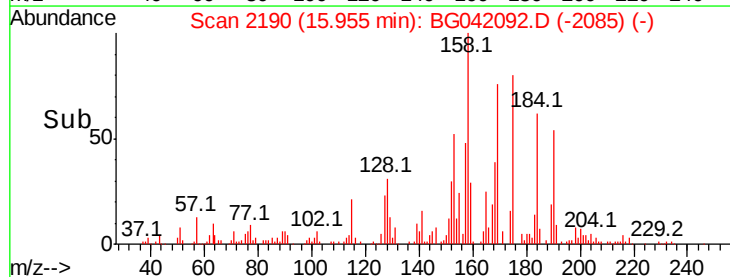
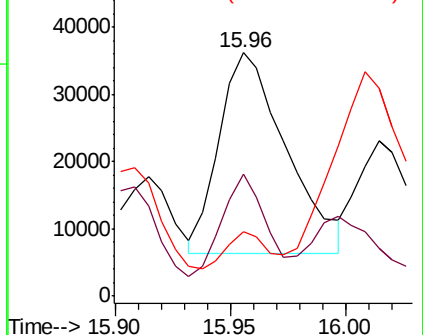


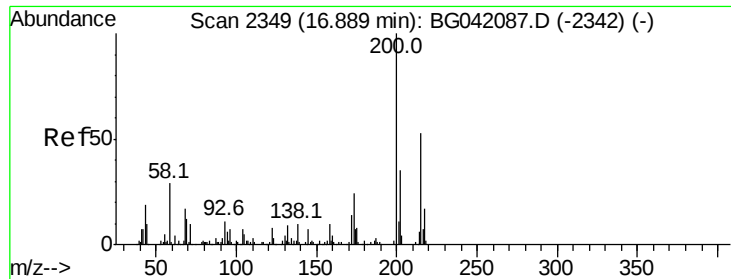
#64
N-Nitrosodiphenylamine
Concen: 4.832 ng/ul
RT: 15.96 min Scan# 2190
Delta R.T. 0.02 min
Lab File: BG042092.D
Acq: 9 Aug 2019 8:14

Tgt Ion:169 Resp: 60195
Ion Ratio Lower Upper
169 100
168 50.0 55.0 82.4#
167 26.6 29.5 44.3#



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

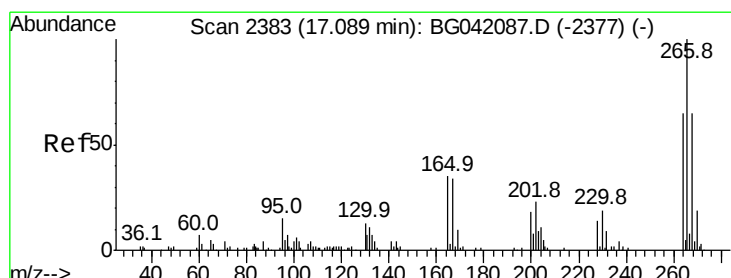
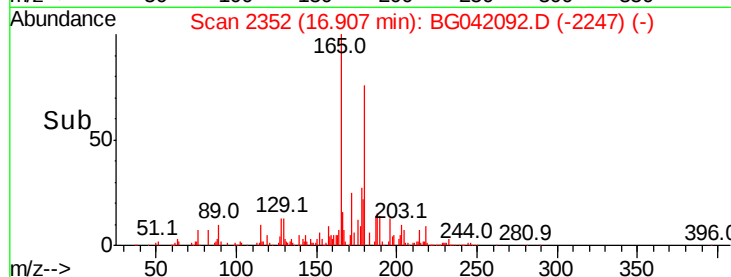
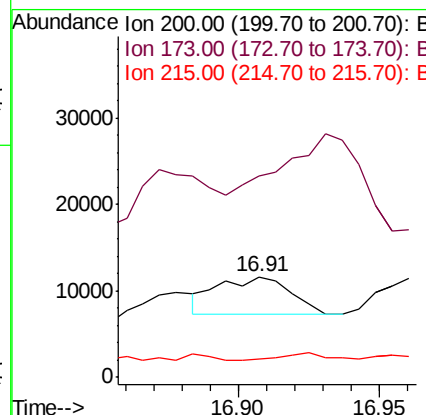
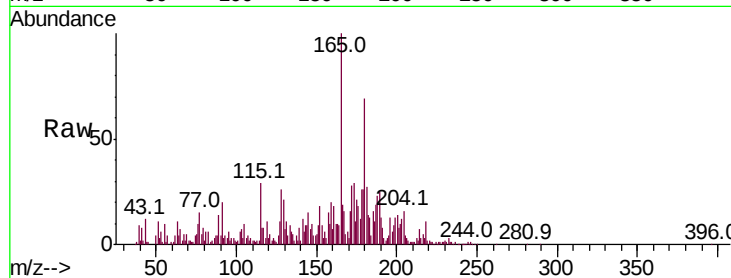




#67
Atrazine
Concen: 1.455 ng/ul
RT: 16.91 min Scan# 2352
Delta R.T. 0.02 min
Lab File: BG042092.D
Acq: 9 Aug 2019 8:14

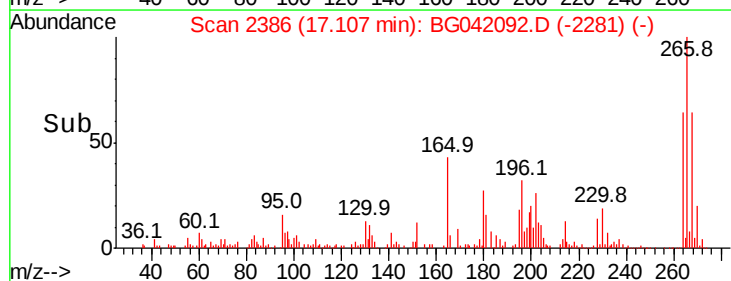
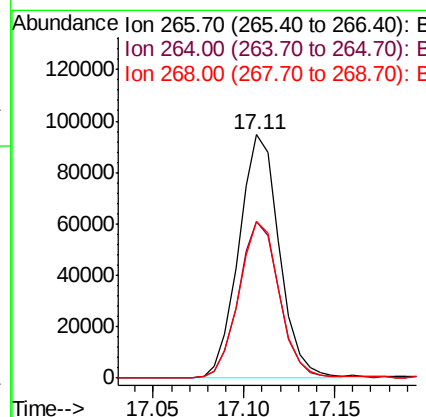
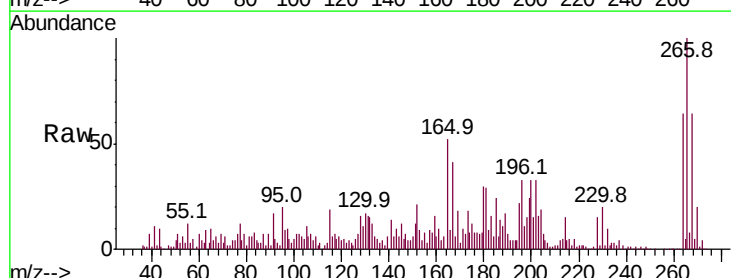
Instrument :
BNA_G
ClientSampleId :

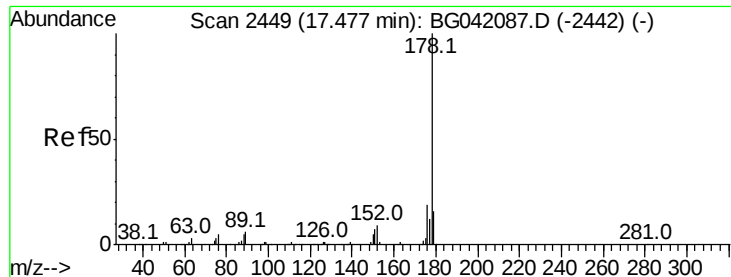
Tot Ion	Ratio	Lower	Upper
200	100		
173	200.2	19.0	28.6#
215	18.5	43.0	64.6#



#68
Pentachlorophenol
Concen: 48.374 ng/ul
RT: 17.11 min Scan# 2386
Delta R.T. 0.02 min
Lab File: BG042092.D
Acq: 9 Aug 2019 8:14

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.2	52.3	78.5
268	64.3	53.2	79.8





#69

Phenanthrene

Concen: 18.176 ng/ul

RT: 17.49 min Scan# 2451

Delta R.T. 0.01 min

Lab File: BG042092.D

Acq: 9 Aug 2019 8:14

Instrument :

BNA_G

ClientSampleId :

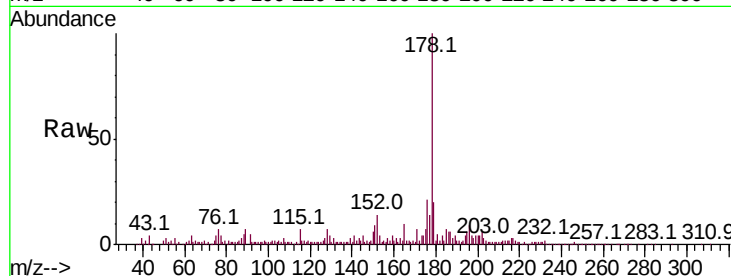
Tot Ion:178 Resp: 417807

Ion Ratio Lower Upper

178 100

179 19.9 12.8 19.2#

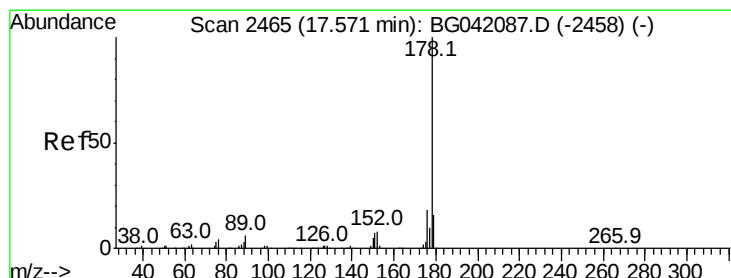
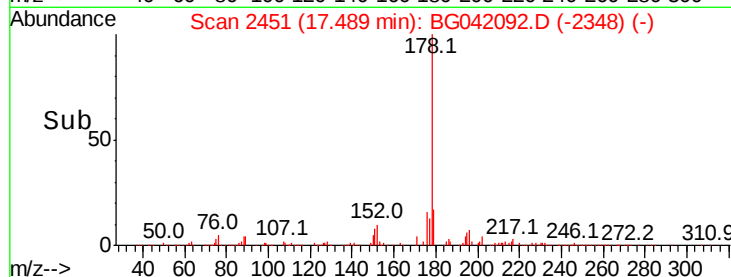
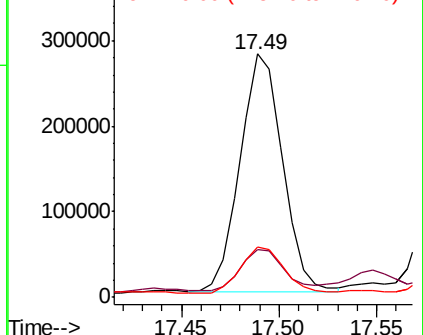
176 20.7 15.4 23.2



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



#71

Anthracene

Concen: 17.920 ng/ul

RT: 17.49 min Scan# 2451

Delta R.T. -0.08 min

Lab File: BG042092.D

Acq: 9 Aug 2019 8:14

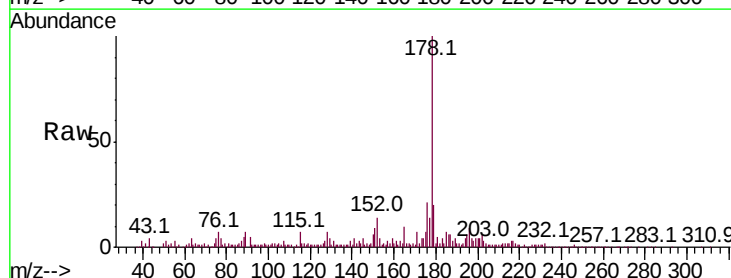
Tgt Ion:178 Resp: 417807

Ion Ratio Lower Upper

178 100

179 19.9 13.4 20.0

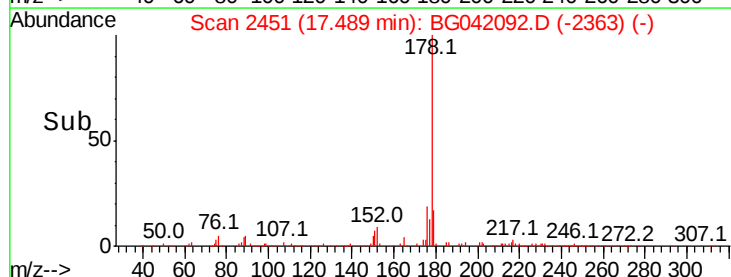
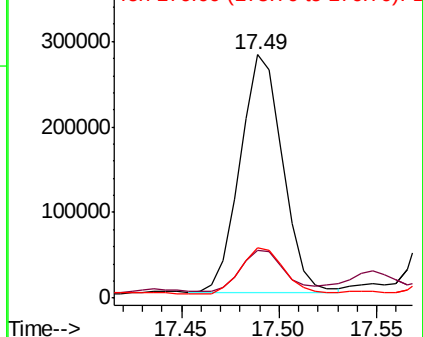
176 20.7 15.4 23.2

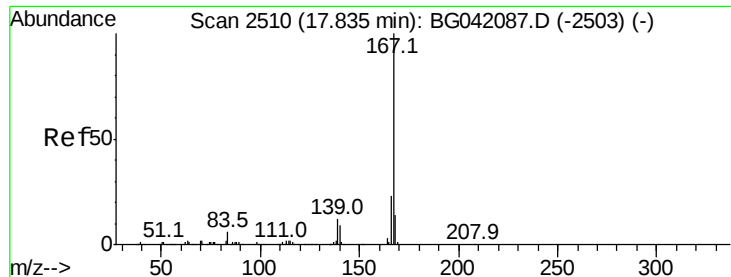


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 1.803 ng/ul

RT: 17.85 min Scan# 2513

Delta R.T. 0.02 min

Lab File: BG042092.D

Acq: 9 Aug 2019 8:14

Instrument :

BNA_G

ClientSampleId :

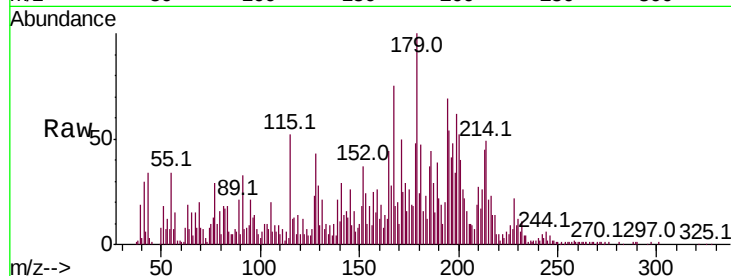
Tot Ion:167 Resp: 34827

Ion Ratio Lower Upper

167 100

166 37.3 18.2 27.4#

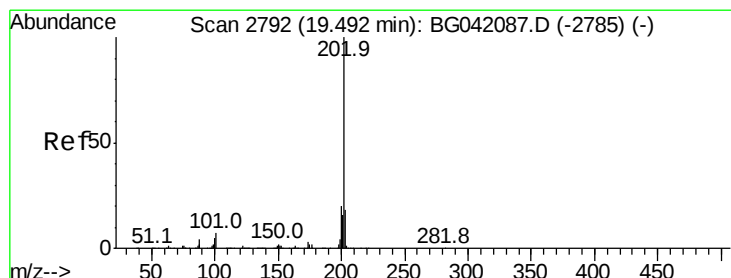
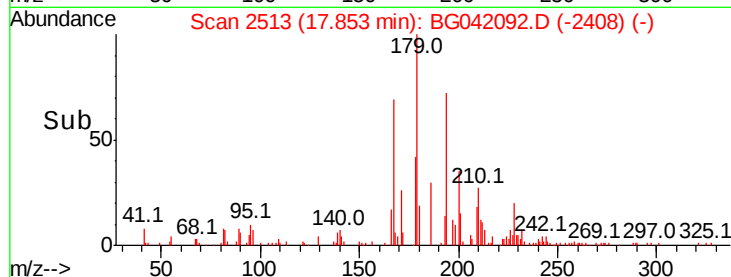
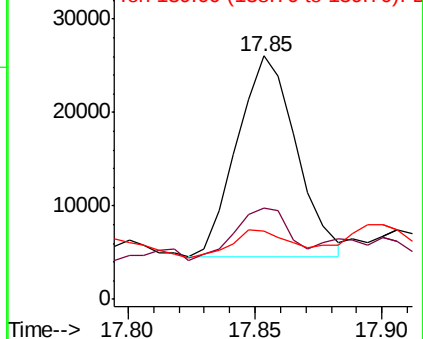
139 28.1 9.6 14.4#



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

Fluoranthene

Concen: 46.846 ng/ul

RT: 19.87 min Scan# 2856

Delta R.T. 0.38 min

Lab File: BG042092.D

Acq: 9 Aug 2019 8:14

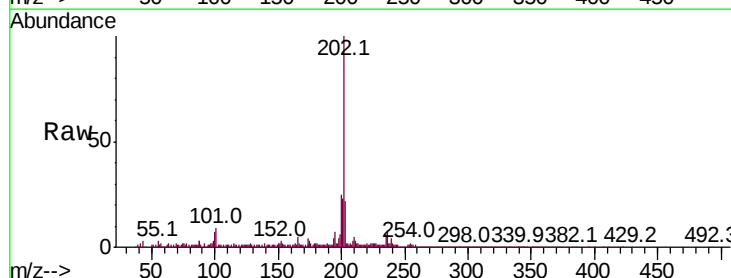
Tgt Ion:202 Resp: 1244225

Ion Ratio Lower Upper

202 100

101 9.2 6.7 10.1

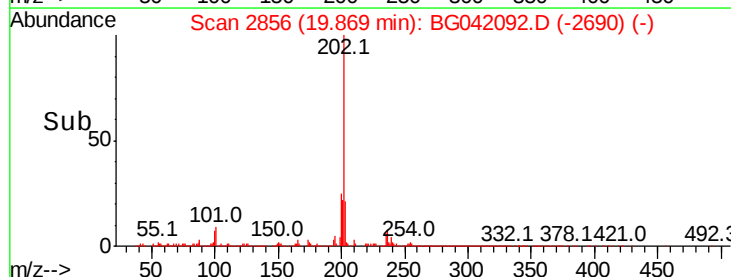
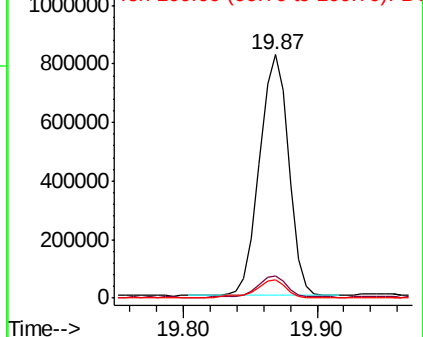
100 7.5 5.3 7.9

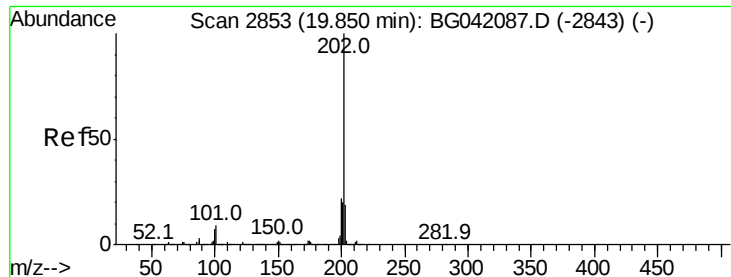


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

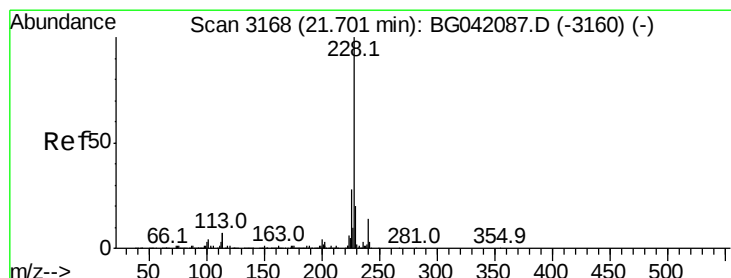
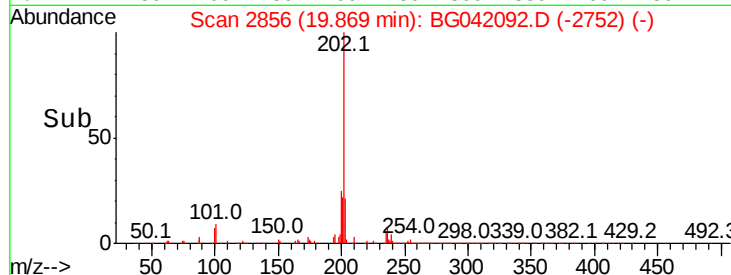
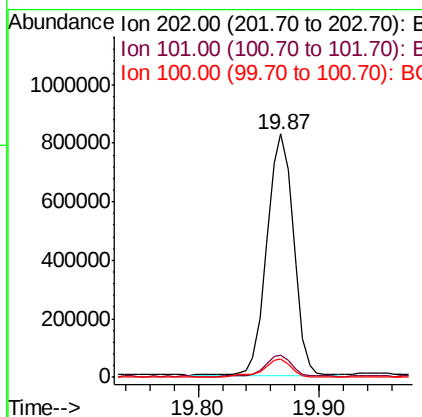
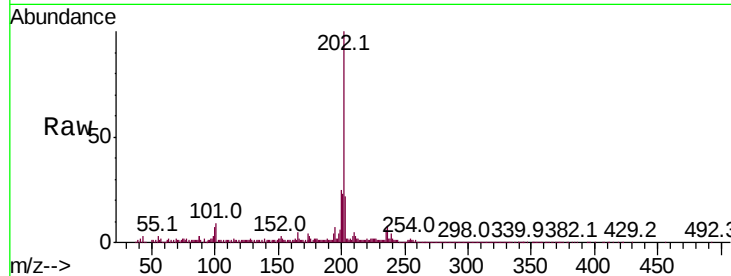




#79
 Pvrene
 Concen: 41.386 ng/ul
 RT: 19.87 min Scan# 2856
 Delta R.T. 0.01 min
 Lab File: BG042092.D
 Acq: 9 Aug 2019 8:14

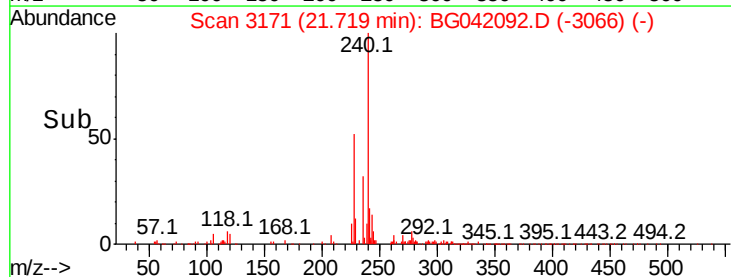
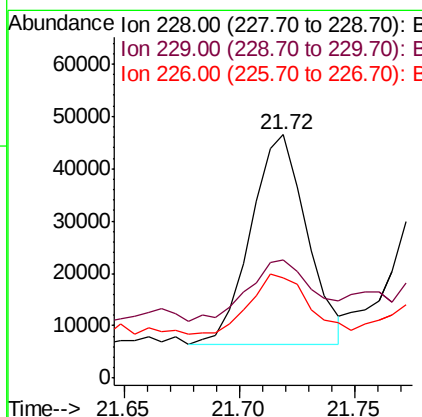
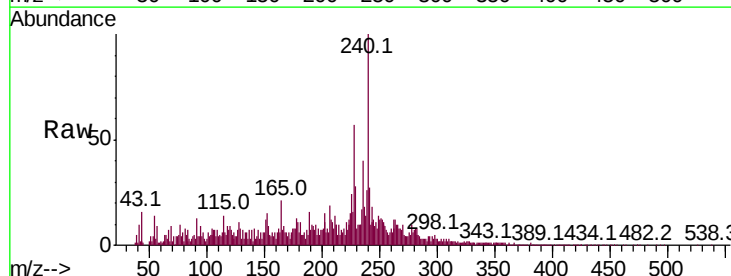
Instrument :
 BNA_G
 ClientSampleId :

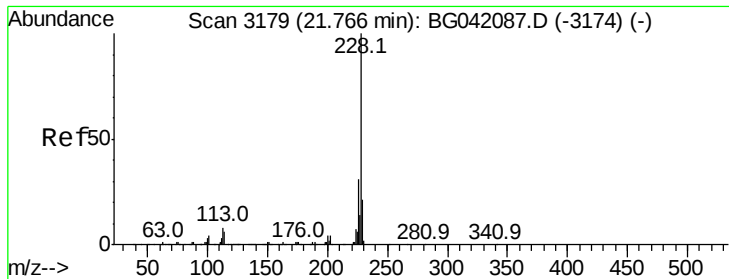
Tot Ion:202 Resp: 1245272
 Ion Ratio Lower Upper
 202 100
 101 9.2 7.6 11.4
 100 7.5 6.5 9.7



#82
 Benzo(a)anthracene
 Concen: 2.184 ng/ul
 RT: 21.72 min Scan# 3171
 Delta R.T. 0.02 min
 Lab File: BG042092.D
 Acq: 9 Aug 2019 8:14

Tgt Ion:228 Resp: 67751
 Ion Ratio Lower Upper
 228 100
 229 48.6 17.0 25.6#
 226 41.0 23.3 34.9#





#84

Chrysene

Concen: 2.277 ng/ul

RT: 21.78 min Scan# 3182

Delta R.T. 0.02 min

Lab File: BG042092.D

Acq: 9 Aug 2019 8:14

Instrument :

BNA_G

ClientSampleId :

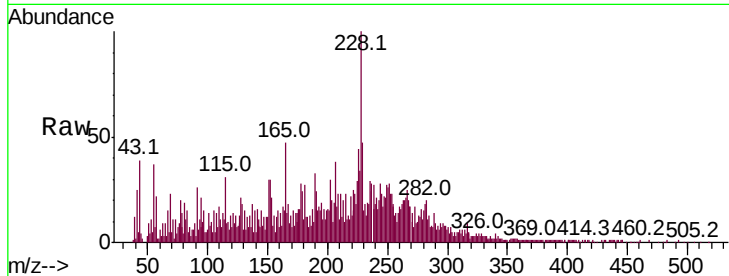
Tot Ion:228 Resp: 65921

Ion Ratio Lower Upper

228 100

226 44.3 25.7 38.5#

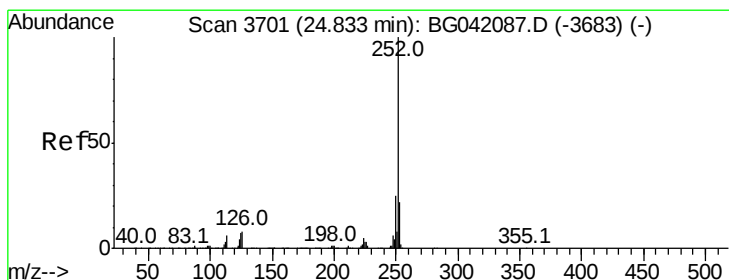
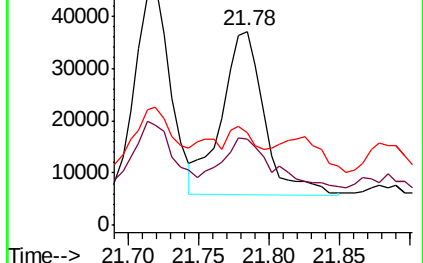
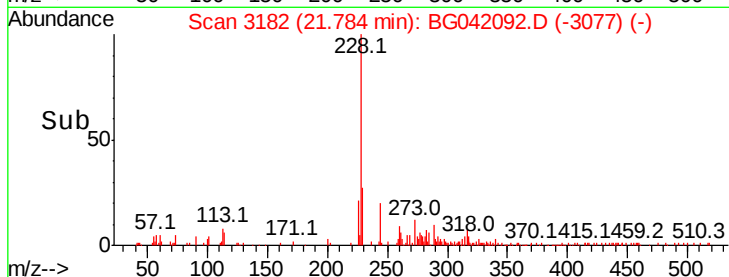
229 47.4 16.6 24.8#



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



#90

Benzo(a)pyrene

Concen: 1.271 ng/ul

RT: 24.87 min Scan# 3707

Delta R.T. 0.04 min

Lab File: BG042092.D

Acq: 9 Aug 2019 8:14

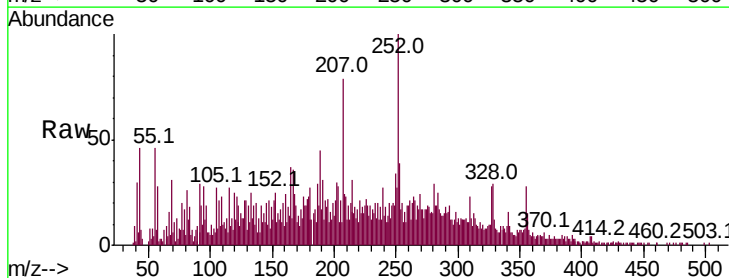
Tgt Ion:252 Resp: 39959

Ion Ratio Lower Upper

252 100

253 39.4 18.3 27.5#

125 15.4 6.5 9.7#



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

