

Data File : BG041910.D
Acq On : 3 Aug 2019 15:16
Operator : HP/JU
Sample : K3850-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENS2

Quant Time: Aug 04 00:09:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	91072	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	383263	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	265465	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	537837	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	545550	20.00	ng/ul	0.01
85) Perylene-d12	25.01	264	623582	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	3550	1.71	ng/uL	0.00
5) Phenol-d5	7.19	99	102592	14.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	59033	14.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	95802	15.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	74023	12.34	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	45559	15.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	54424	16.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	104298	15.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	49015	6.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	324782	15.77	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	382606	16.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	23526	6.81	ng/ul	0.00
57) Fluorene-d10	15.69	176	288933	15.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	9222	2.67	ng/ul	0.01
70) Anthracene-d10	17.54	188	419597	16.26	ng/ul	0.00
78) Pyrene-d10	19.84	212	484909	15.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	536146	16.46	ng/ul	0.03

Target Compounds

				Qvalue	
2) 1,4-Dioxane	3.45	88	139	0.064	ng/uL# 1
4) Benzaldehyde	7.17	77	1268	0.375	ng/ul# 67
6) Phenol	7.22	94	5931	0.804	ng/ul 97
11) 2-Methylphenol	8.28	108	140	0.024	ng/ul# 6
12) 2,2'-oxybis(1-Chloropropan	8.74	45	567	0.060	ng/ul# 73
14) Acetophenone	8.86	105	10059	1.090	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.74	70	1612	0.331	ng/ul# 1
16) 4-Methylphenol	8.80	108	465	0.073	ng/ul# 34
17) Hexachloroethane	9.24	117	125	0.049	ng/ul# 1
20) Nitrobenzene	9.21	77	203	0.031	ng/ul# 37
21) Isophorone	9.93	82	4602	0.351	ng/ul# 67
23) 2-Nitrophenol	10.45	139	72	0.020	ng/ul# 1
24) 2,4-Dimethylphenol	10.28	107	63	0.009	ng/ul# 67
28) Naphthalene	10.91	128	5821	0.297	ng/ul# 91
30) 4-Chloroaniline	11.02	127	10188	1.351	ng/ul 88
33) 4-Chloro-3-methylphenol	11.70	107	126	0.019	ng/ul# 15
34) 2-Methylnaphthalene	12.52	142	5291	0.340	ng/ul 89
40) 1,1'-Biphenyl	13.53	154	1826	0.095	ng/ul# 96
41) 2-Chloronaphthalene	14.02	162	323	0.021	ng/ul# 1
42) 2-Nitroaniline	13.80	65	252	0.062	ng/ul# 2
44) Dimethylphthalate	14.14	163	120741	5.906	ng/ul 99
45) 2,6-Dinitrotoluene	14.25	165	62	0.014	ng/ul# 37
47) Acenaphthylene	14.42	152	16538	0.697	ng/ul 95

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

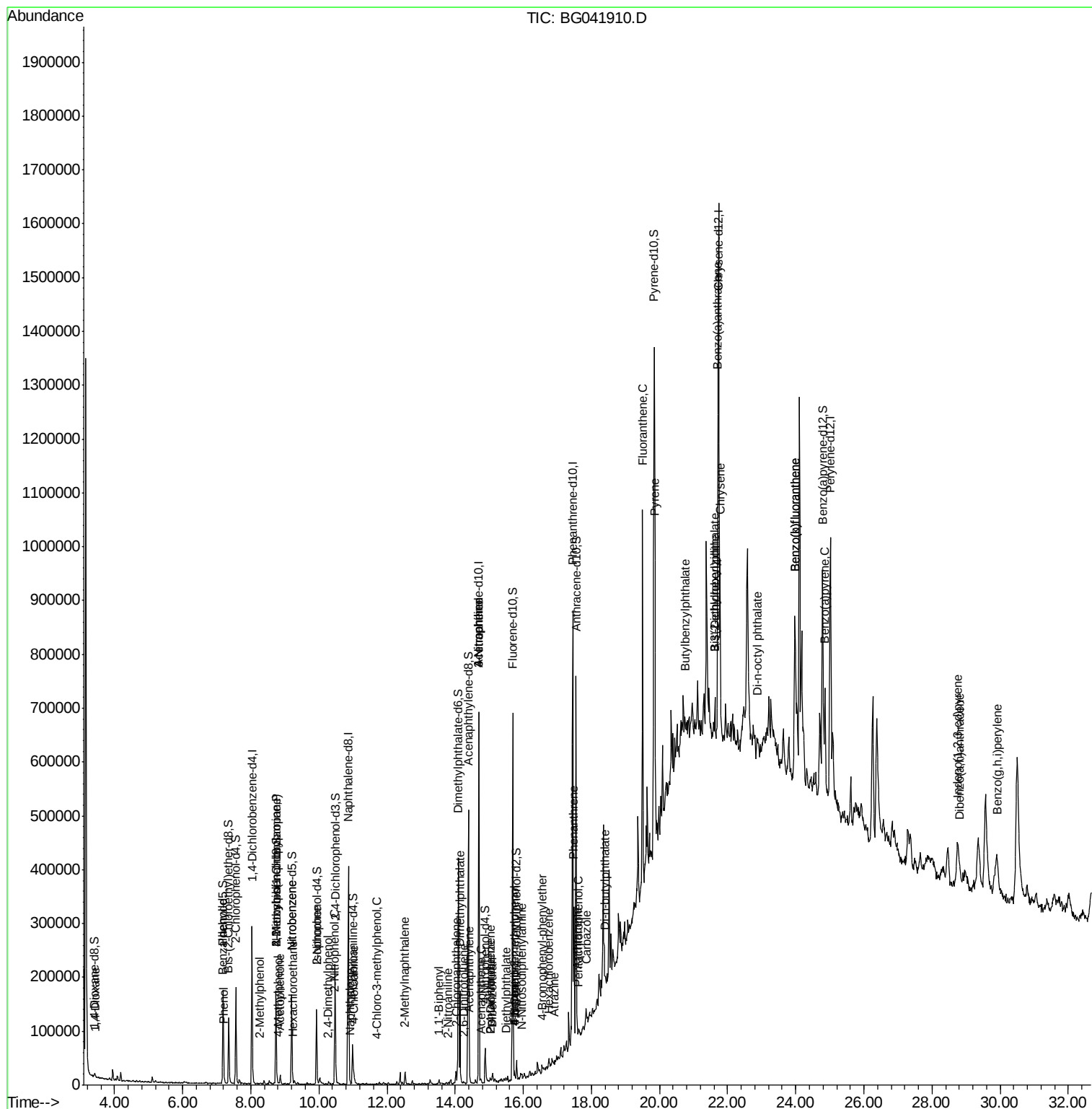
48) 3-Nitroaniline	14.70	138	59	0.017	ng/ul#	1
49) Acenaphthene	14.76	153	4088	0.246	ng/ul	89
52) 4-Nitrophenol	14.69	109	595	0.232	ng/ul#	36
53) Dibenzofuran	15.09	168	7353	0.297	ng/ul	96
54) 2,4-Dinitrotoluene	15.05	165	212	0.033	ng/ul#	42
56) Diethylphthalate	15.51	149	876	0.043	ng/ul#	64
58) Fluorene	15.74	166	7099	0.356	ng/ul#	91
60) 4-Nitroaniline	15.75	138	187	0.047	ng/ul#	22
63) 4,6-Dinitro-2-methylphenol	15.75	198	752	0.202	ng/ul#	64
64) N-Nitrosodiphenylamine	15.95	169	918	0.058	ng/ul#	64
65) 4-Bromophenyl-phenylether	16.55	248	65	0.009	ng/ul#	16
66) Hexachlorobenzene	16.76	284	2643	0.370	ng/ul#	84
67) Atrazine	16.92	200	73	0.011	ng/ul#	1
68) Pentachlorophenol	17.62	266	91	0.023	ng/ul	89
69) Phenanthrene	17.49	178	179885	6.109	ng/ul	100
71) Anthracene	17.58	178	30768	1.030	ng/ul	97
73) Pentachlorobenzene	15.02	250	285	0.033	ng/uL	93
74) Carbazole	17.84	167	20804	0.841	ng/ul	99
75) Di-n-butylphthalate	18.41	149	9295	0.305	ng/ul#	77
76) Fluoranthene	19.50	202	448223	13.175	ng/ul	97
79) Pyrene	19.86	202	371284	10.118	ng/ul	96
80) Butylbenzylphthalate	20.75	149	7851	0.544	ng/ul#	70
81) 3,3'-Dichlorobenzidine	21.63	252	307	0.025	ng/ul#	79
82) Benzo(a)anthracene	21.71	228	246904	6.527	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.63	149	34564	1.754	ng/ul#	97
84) Chrysene	21.78	228	261520	7.408	ng/ul	96
86) Di-n-octyl phthalate	22.87	149	353	0.011	ng/ul	100
87) Benzo(b)fluoranthene	23.98	252	394505	10.081	ng/ul	97
88) Benzo(k)fluoranthene	23.98	252	394505	10.485	ng/ul	97
90) Benzo(a)pyrene	24.86	252	242740	6.509	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.75	276	158280	3.639	ng/ul	95
92) Dibenzo(a,h)anthracene	28.81	278	7660	0.216	ng/ul#	90
93) Benzo(g,h,i)perylene	29.92	276	134493	3.704	ng/ul	98

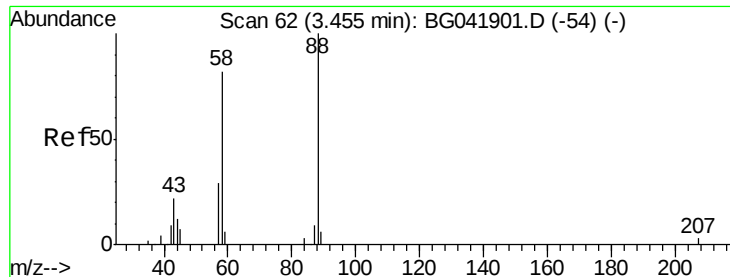
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.064 ng/uL

RT: 3.45 min Scan# 61

Delta R.T. -0.01 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Instrument :

BNA_G

ClientSampleId :

BENS2

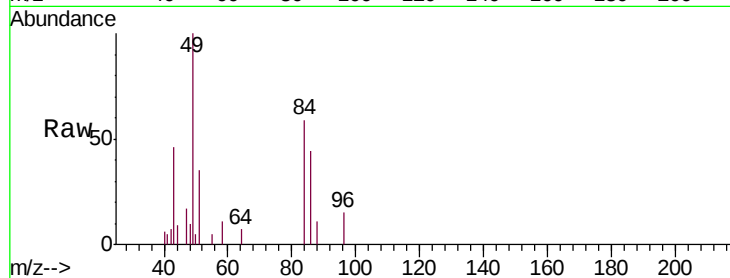
Tgt Ion: 88 Resp: 139

Ion Ratio Lower Upper

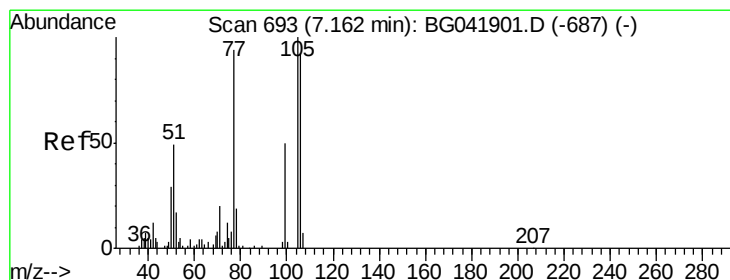
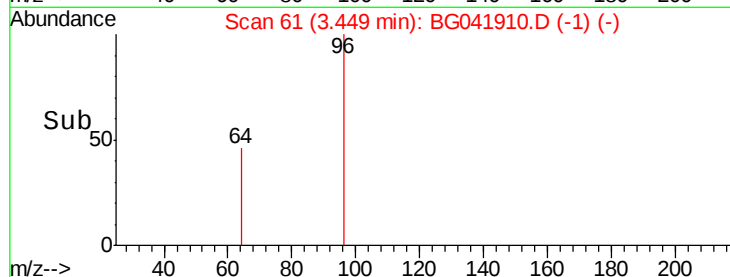
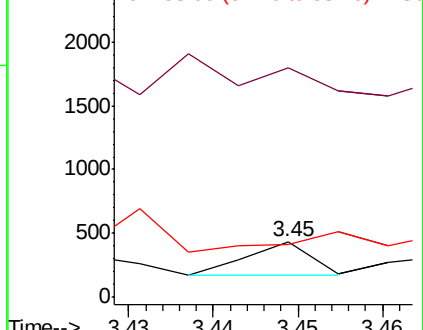
88 100

43 414.3 36.3 54.5#

58 95.2 66.0 99.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 43.00 (42.70 to 43.70): BGC
Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 0.375 ng/uL

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

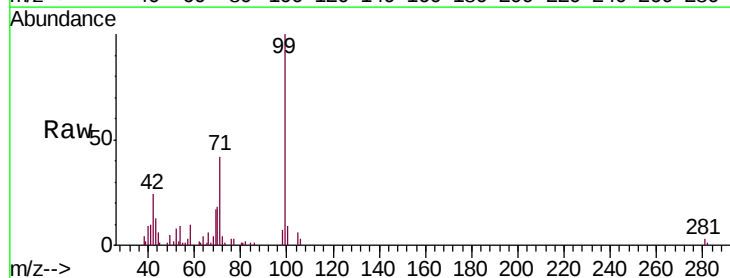
Tgt Ion: 77 Resp: 1268

Ion Ratio Lower Upper

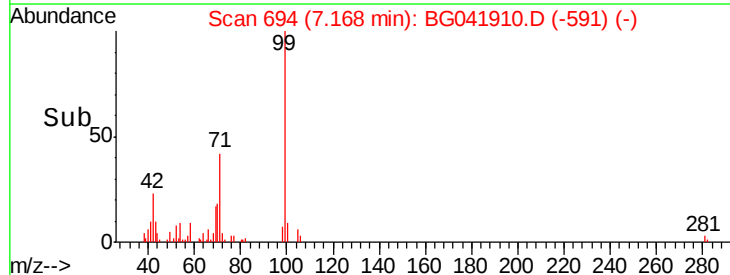
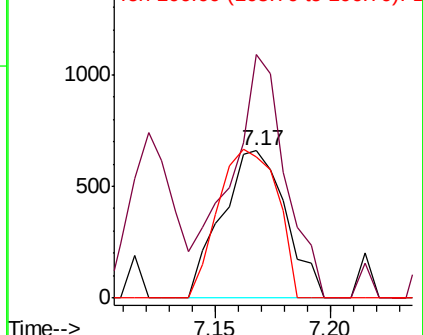
77 100

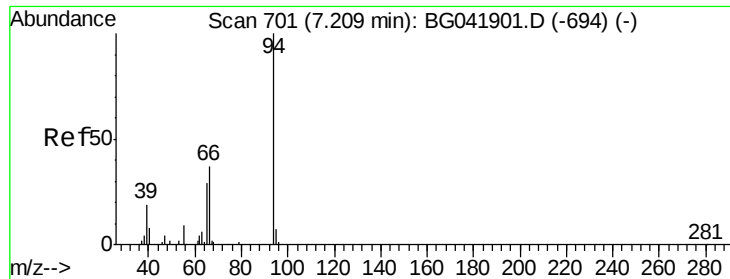
105 165.5 80.7 121.1#

106 95.6 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: 0.804 ng/ul

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Instrument :

BNA_G

ClientSampleId :

BENS2

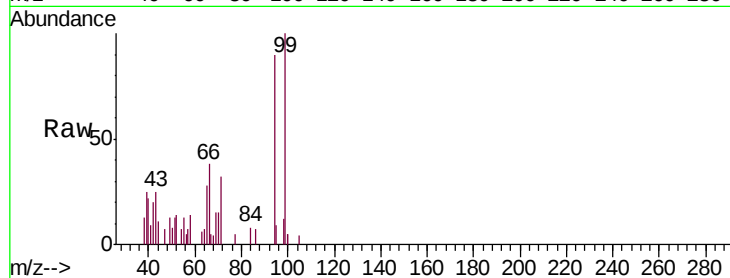
Tgt Ion: 94 Resp: 5931

Ion Ratio Lower Upper

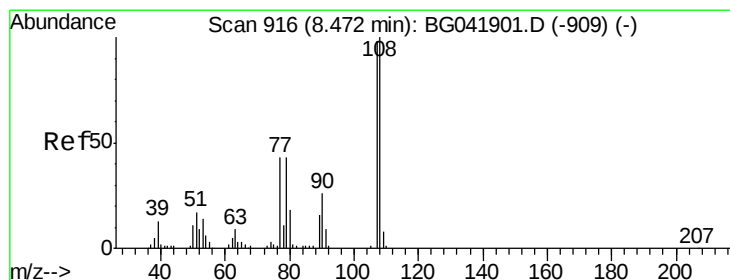
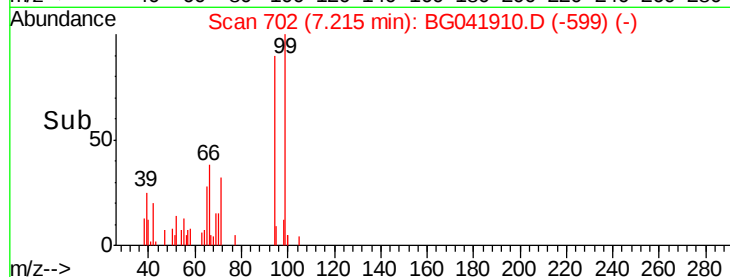
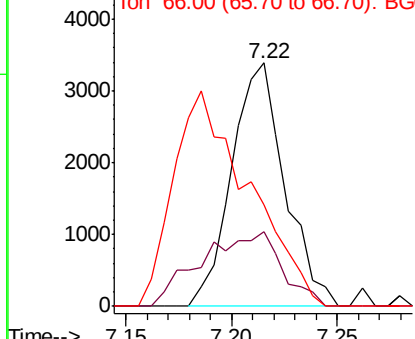
94 100

65 30.6 25.8 38.6

66 41.8 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



#11

2-Methylphenol

Concen: 0.024 ng/ul

RT: 8.28 min Scan# 883

Delta R.T. -0.19 min

Lab File: BG041910.D

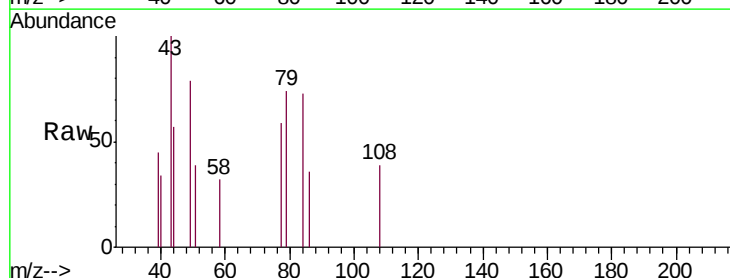
Acq: 3 Aug 2019 15:16

Tgt Ion: 108 Resp: 140

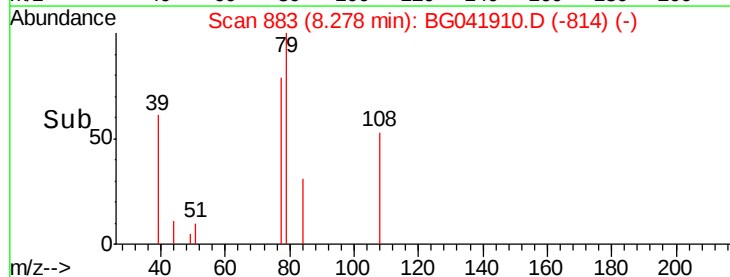
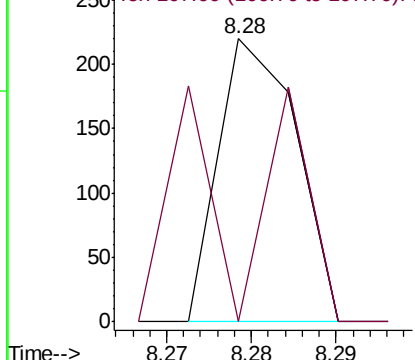
Ion Ratio Lower Upper

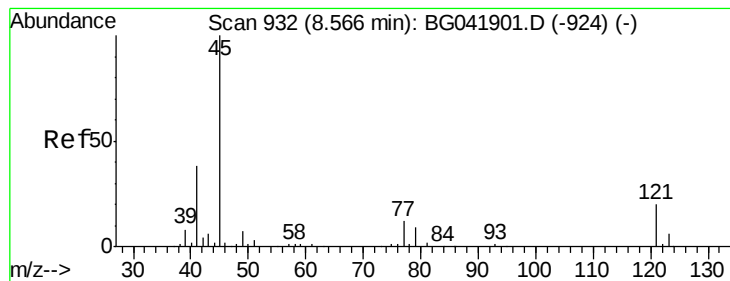
108 100

107 0.0 69.9 104.9#



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





#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.060 ng/ul

RT: 8.74 min Scan# 961

Delta R.T. 0.17 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Instrument :

BNA_G

ClientSampled :

BENS2

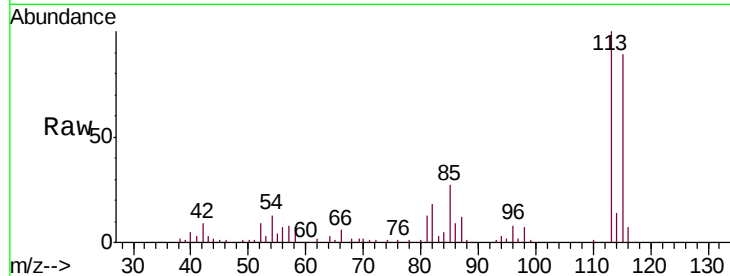
Tgt Ion: 45 Resp: 567

Ion Ratio Lower Upper

45 100

77 0.0 8.6 12.8#

79 0.0 7.2 10.8#

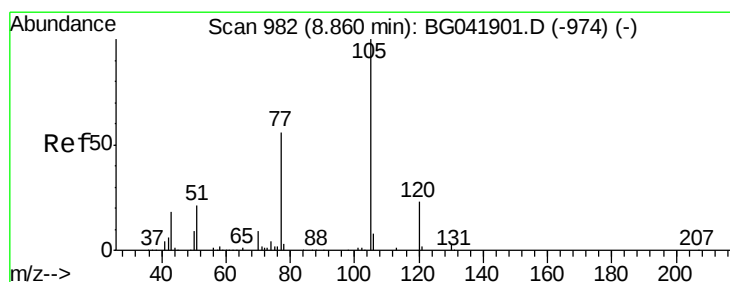
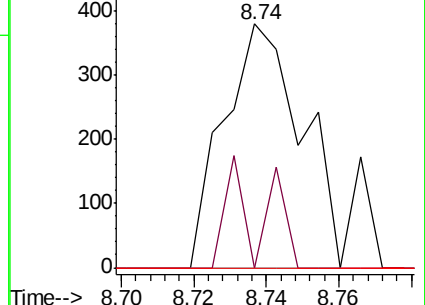
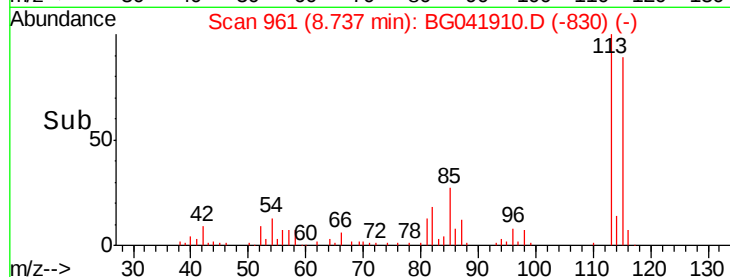


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

Time--> 8.70 8.72 8.74 8.76



#14

Acetophenone

Concen: 1.090 ng/ul

RT: 8.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

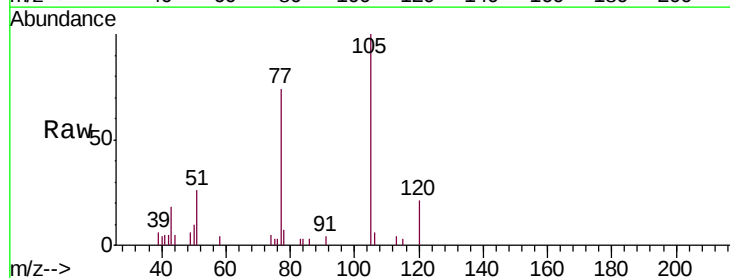
Tgt Ion: 105 Resp: 10059

Ion Ratio Lower Upper

105 100

77 73.5 60.0 90.0

51 26.0 22.1 33.1

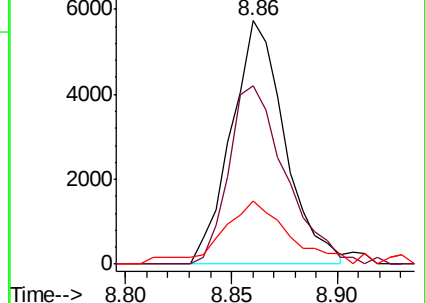
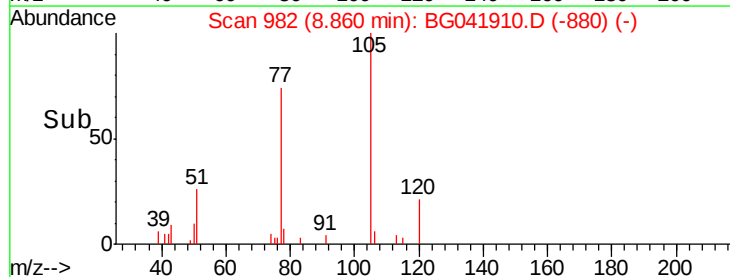


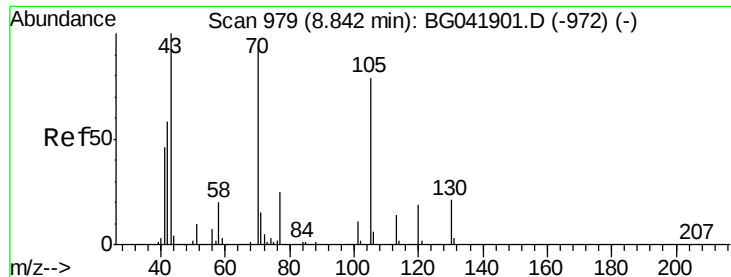
Abundance Ion 105.00 (104.70 to 105.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Time--> 8.80 8.85 8.90





#15

N-Nitroso-di-n-propylamine

Concen: 0.331 ng/ul

RT: 8.74 min Scan# 962

Delta R.T. -0.10 min

Lab File: BG041910.D

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Instrument :

BNA_G

ClientSampleId :

BENS2

Tgt Ion: 70 Resp: 1612

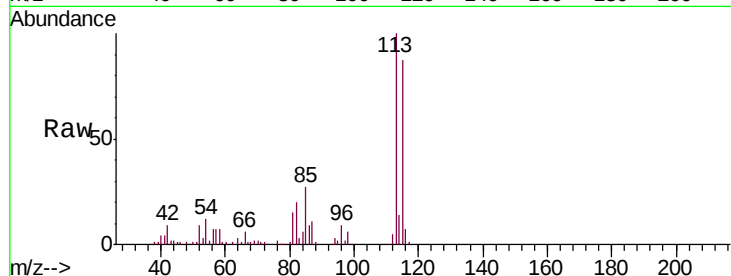
Ion Ratio Lower Upper

70 100

42 373.1 46.4 69.6#

101 0.0 9.7 14.5#

130 0.0 21.1 31.7#

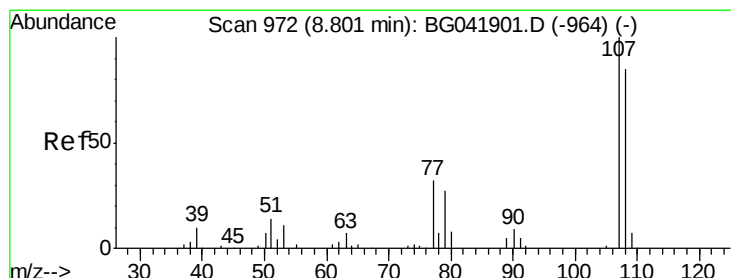
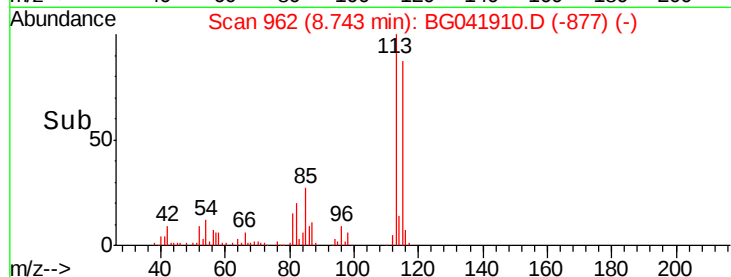
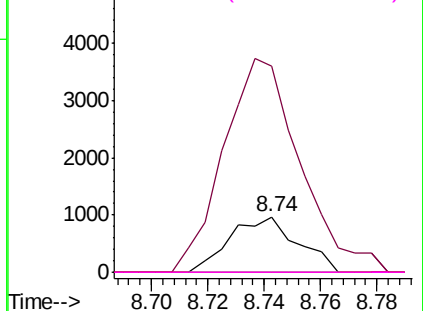


Abundance Ion 70.00 (69.70 to 70.70): BG0

Ion 42.00 (41.70 to 42.70): BG0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 0.073 ng/ul

RT: 8.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BG041910.D

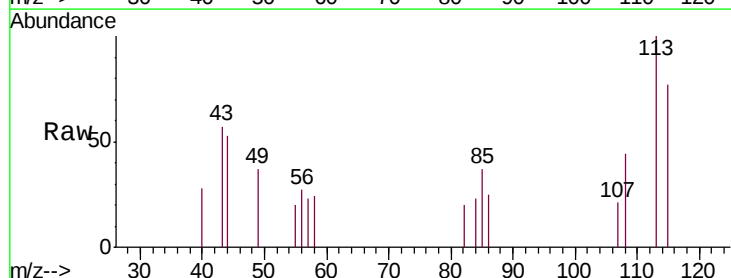
Acq: 3 Aug 2019 15:16

Tgt Ion: 108 Resp: 465

Ion Ratio Lower Upper

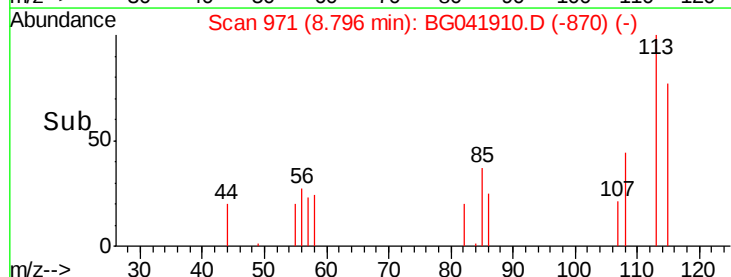
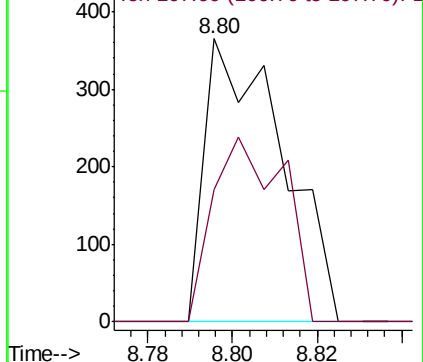
108 100

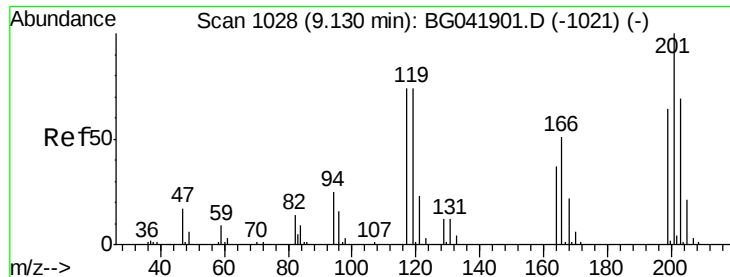
107 46.8 96.2 144.2#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

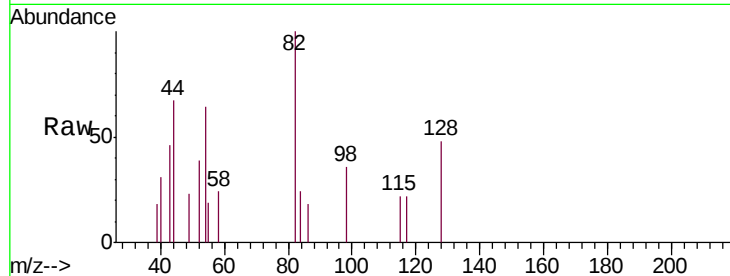




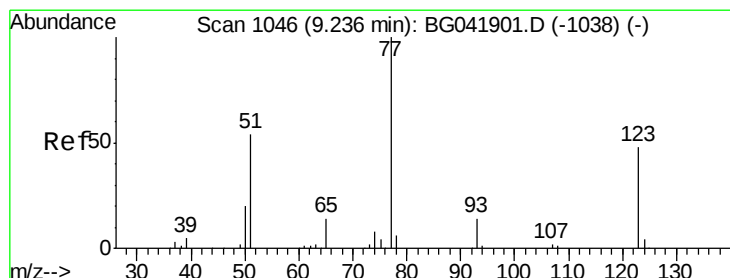
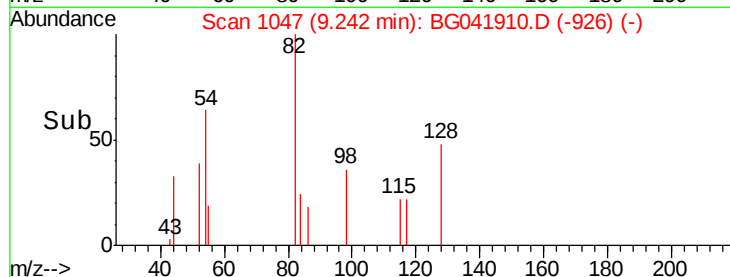
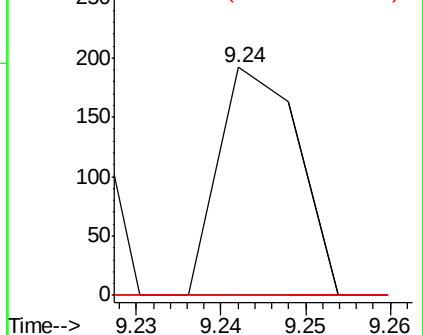
#17
Hexachloroethane
Concen: 0.049 ng/ul
RT: 9.24 min Scan# 1047
Delta R.T. 0.11 min
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Tgt Ion: 117 Resp: 125
Ion Ratio Lower Upper
117 100
201 0.0 103.4 155.2#
199 0.0 62.9 94.3#

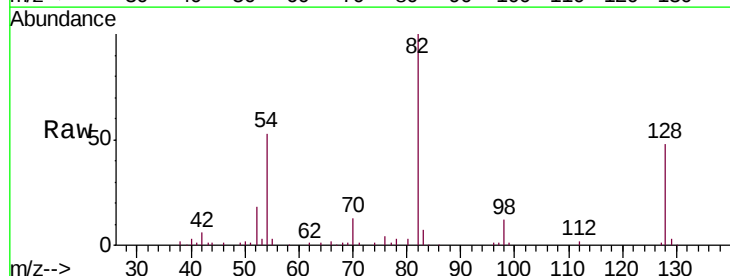


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

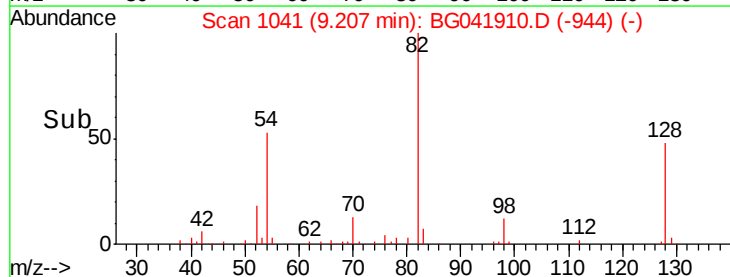
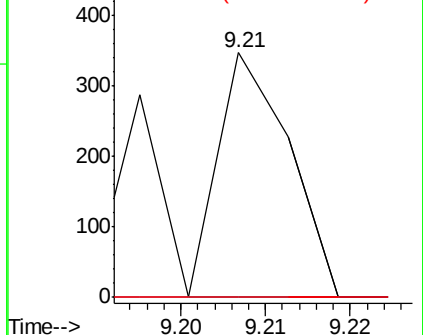


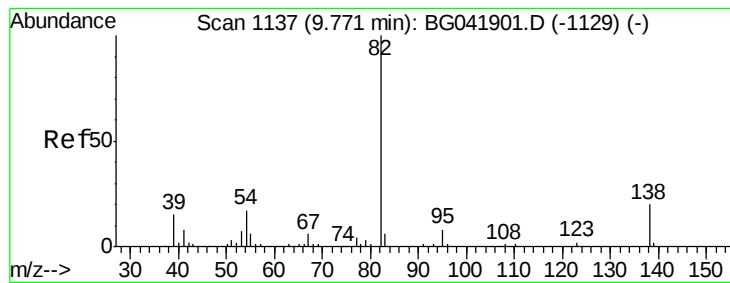
#20
Nitrobenzene
Concen: 0.031 ng/ul
RT: 9.21 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BG041910.D
Acq: 3 Aug 2019 15:16

Tgt Ion: 77 Resp: 203
Ion Ratio Lower Upper
77 100
123 0.0 38.3 57.5#
65 0.0 11.6 17.4#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 0.351 ng/ul

RT: 9.93 min Scan# 1164

Delta R.T. 0.16 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Instrument :

BNA_G

ClientSampleId :

BENS2

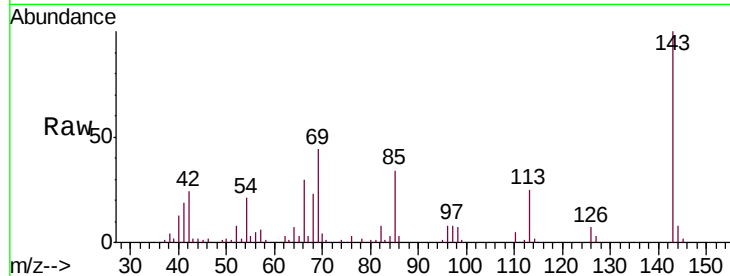
Tgt Ion: 82 Resp: 4602

Ion Ratio Lower Upper

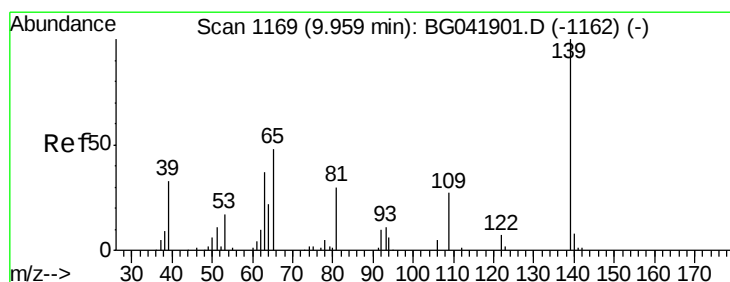
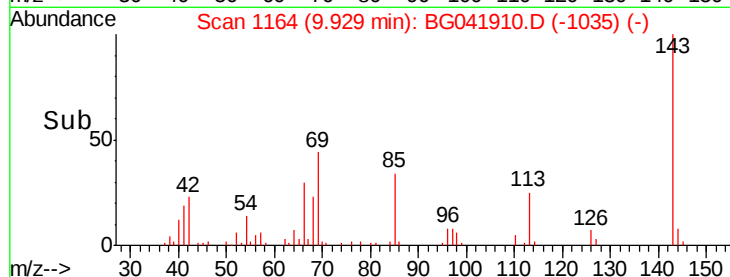
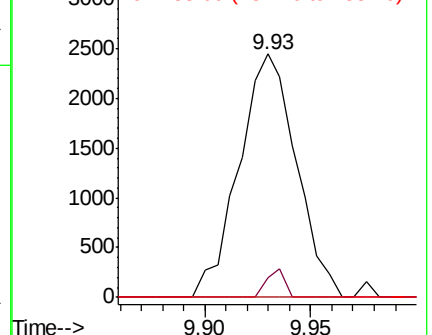
82 100

95 8.1 5.6 8.4

138 0.0 15.8 23.8#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#23

2-Nitrophenol

Concen: 0.020 ng/ul

RT: 10.45 min Scan# 1253

Delta R.T. 0.49 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

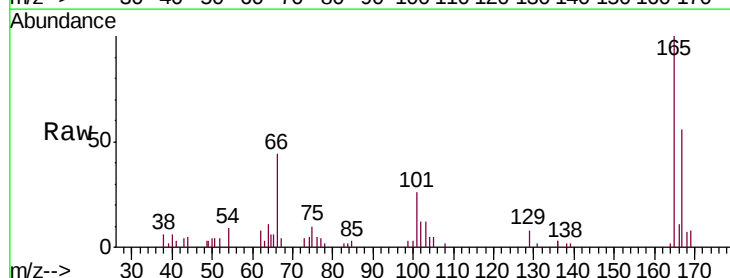
Tgt Ion: 139 Resp: 72

Ion Ratio Lower Upper

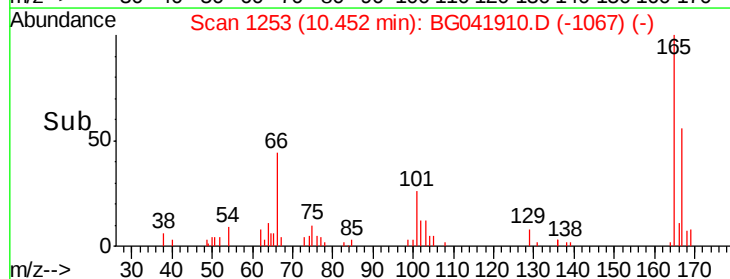
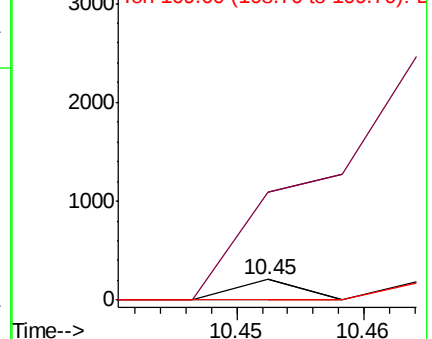
139 100

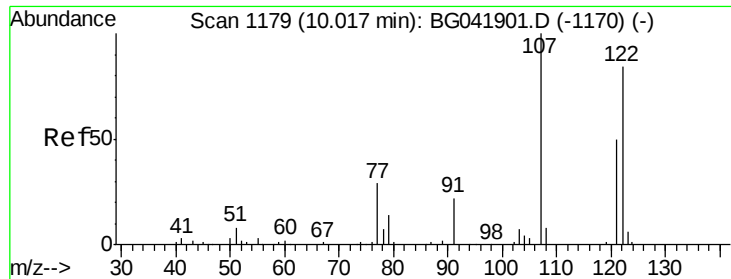
65 534.1 38.6 57.8#

109 0.0 21.9 32.9#



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

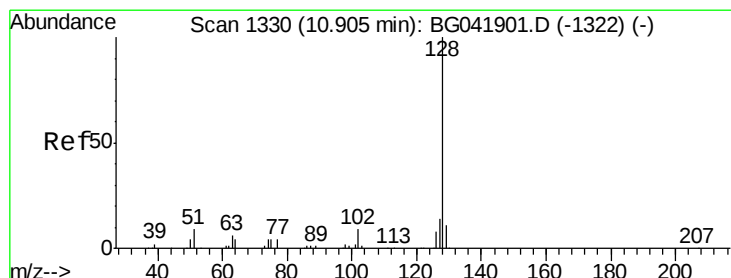
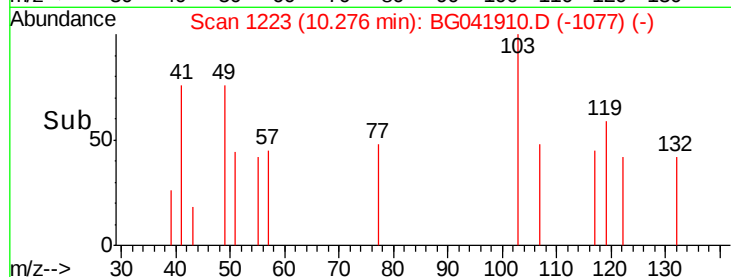
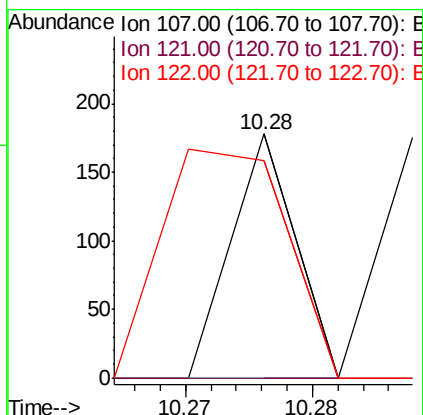
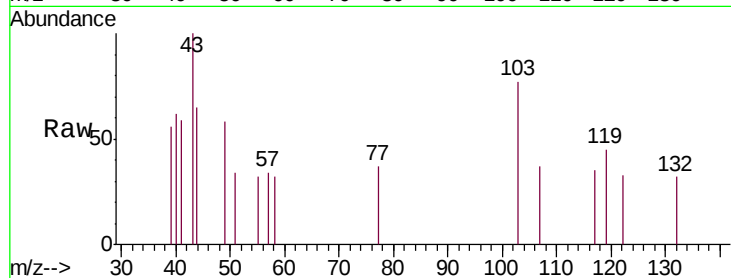




#24
 2,4-Dimethylphenol
 Concen: 0.009 ng/ul
 RT: 10.28 min Scan# 1223
 Delta R.T. 0.26 min
 Lab File: BG041910.D
 Acq: 3 Aug 2019 15:16

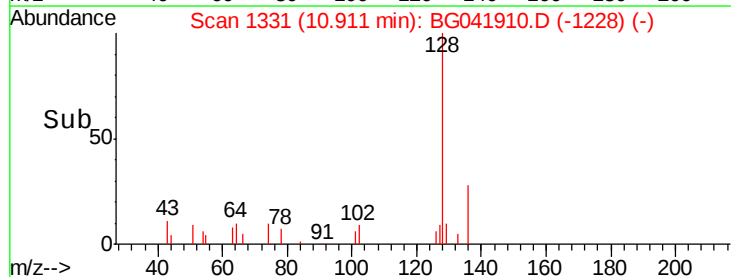
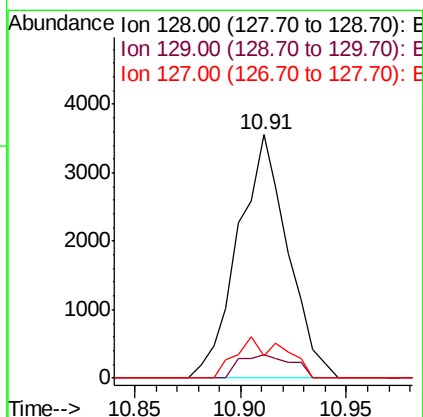
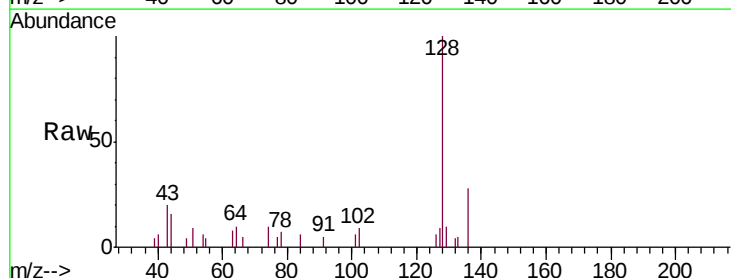
Instrument :
 BNA_G
 ClientSampled :
 BENS2

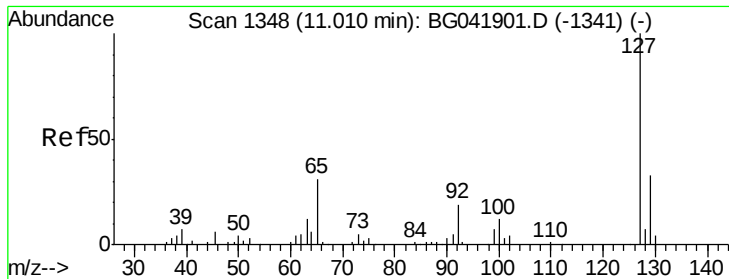
Tgt Ion:107 Resp: 63
 Ion Ratio Lower Upper
 107 100
 121 0.0 45.0 67.6#
 122 88.8 68.1 102.1



#28
 Naphthalene
 Concen: 0.297 ng/ul
 RT: 10.91 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BG041910.D
 Acq: 3 Aug 2019 15:16

Tgt Ion:128 Resp: 5821
 Ion Ratio Lower Upper
 128 100
 129 9.6 9.5 14.3
 127 9.3 11.4 17.0#

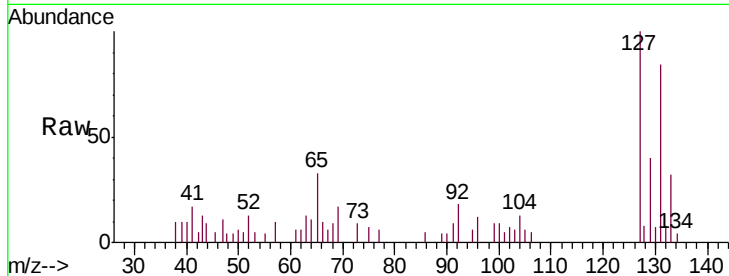




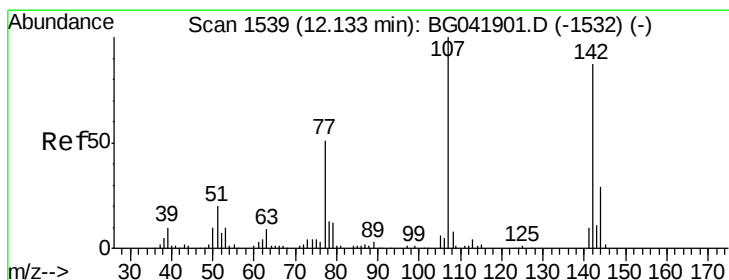
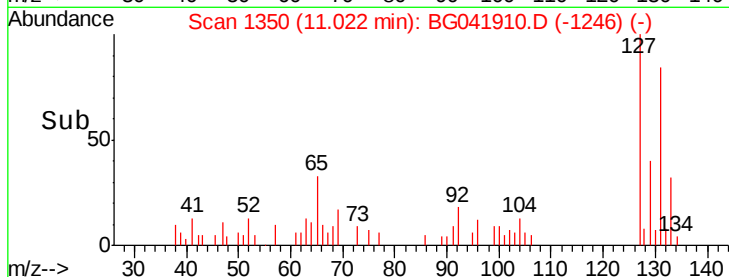
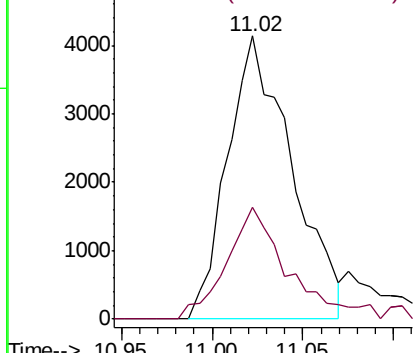
#30
4-Chloroaniline
Concen: 1.351 ng/ul
RT: 11.02 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BG041910.D
Acq: 3 Aug 2019 15:16

Instrument :
BNA_G
ClientSampleId :
BENS2

Tgt Ion:127 Resp: 10188
Ion Ratio Lower Upper
127 100
129 39.7 26.5 39.7

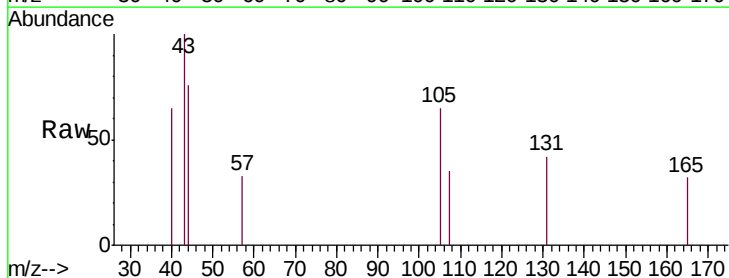


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

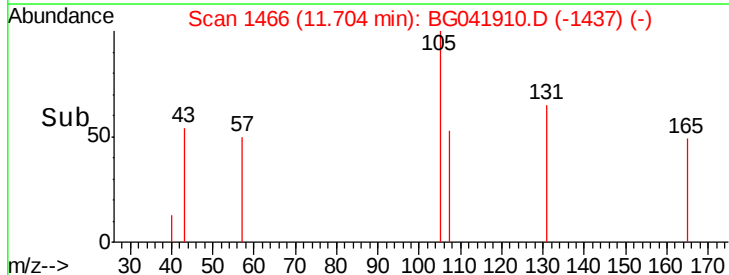
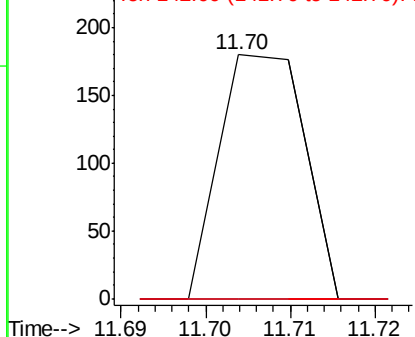


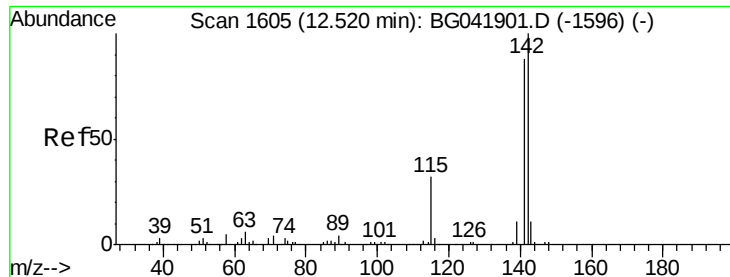
#33
4-Chloro-3-methylphenol
Concen: 0.019 ng/ul
RT: 11.70 min Scan# 1466
Delta R.T. -0.43 min
Lab File: BG041910.D
Acq: 3 Aug 2019 15:16

Tgt Ion:107 Resp: 126
Ion Ratio Lower Upper
107 100
144 0.0 23.0 34.6#
142 0.0 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

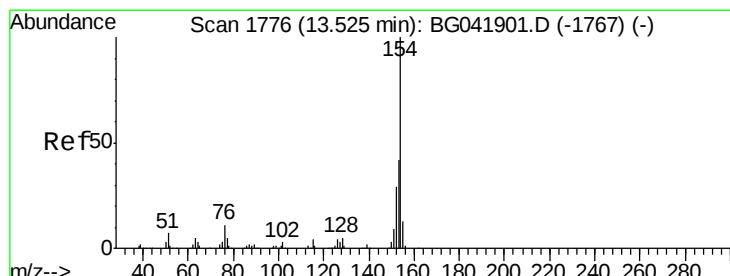
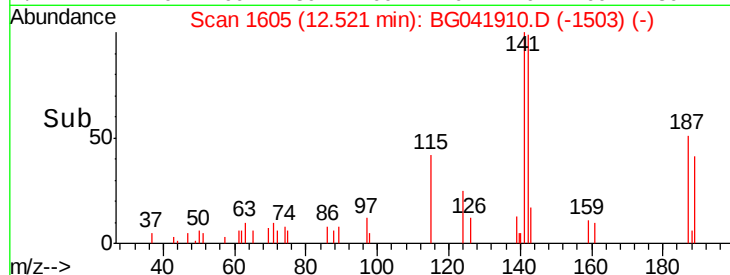
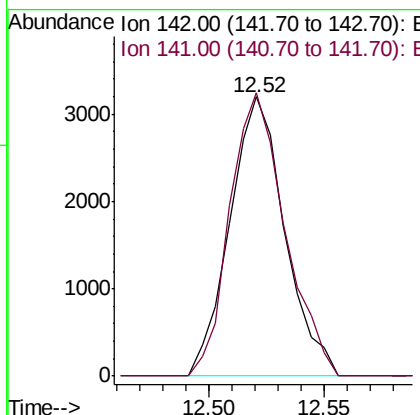
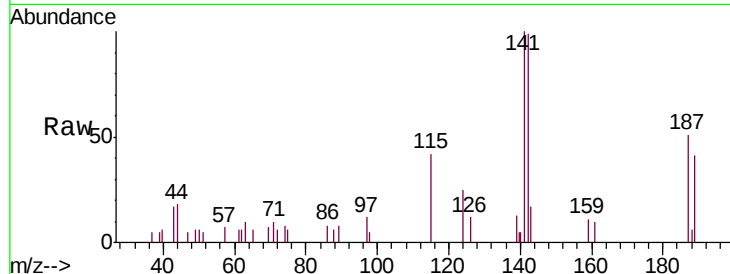




#34
 2-Methylnaphthalene
 Concen: 0.340 ng/ul
 RT: 12.52 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BG041910.D
 Acq: 3 Aug 2019 15:16

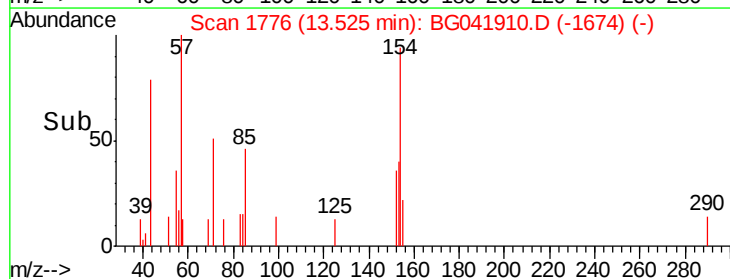
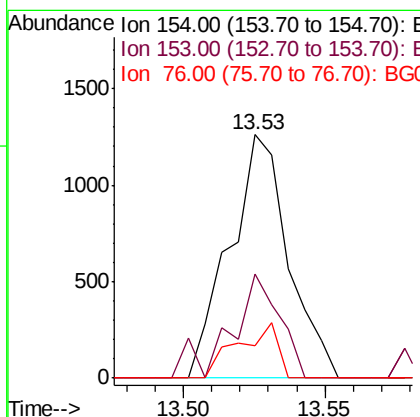
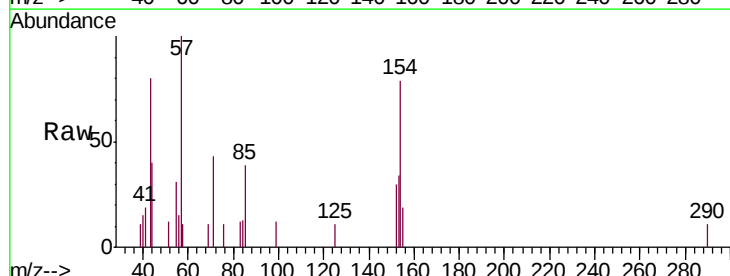
Instrument :
 BNA_G
 ClientSampleId :
 BENS2

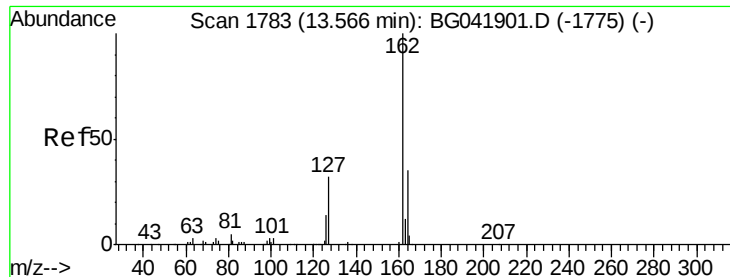
Tgt Ion:142 Resp: 5291
 Ion Ratio Lower Upper
 142 100
 141 101.5 72.9 109.3



#40
 1,1'-Biphenyl
 Concen: 0.095 ng/ul
 RT: 13.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BG041910.D
 Acq: 3 Aug 2019 15:16

Tgt Ion:154 Resp: 1826
 Ion Ratio Lower Upper
 154 100
 153 42.9 32.6 48.8
 76 13.5 8.6 13.0#

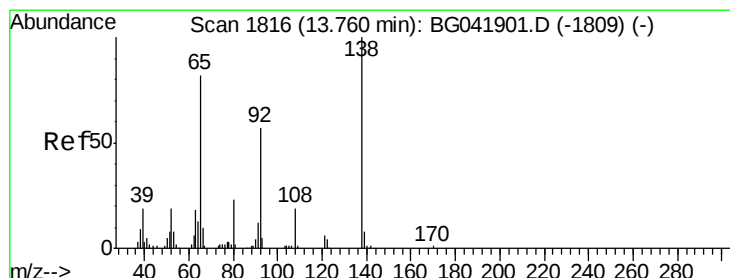
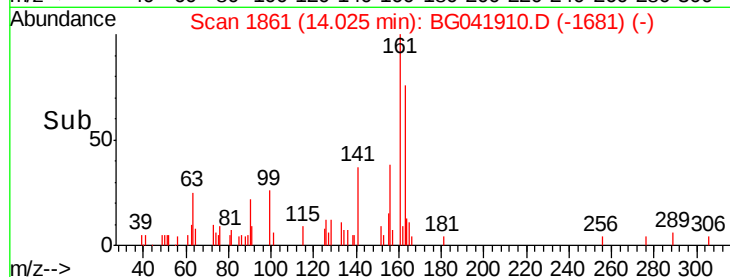
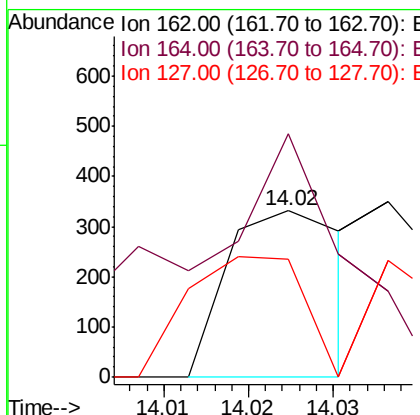
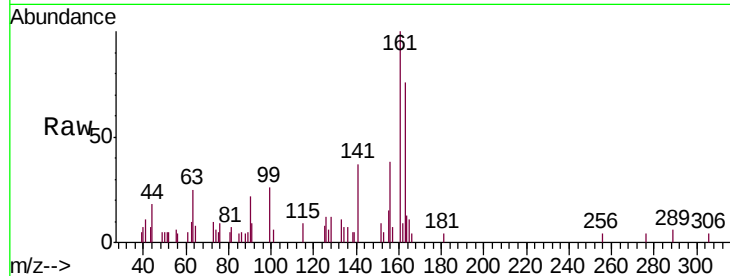




#41
 2-Chloronaphthalene
 Concen: 0.021 ng/ul
 RT: 14.02 min Scan# 1861
 Delta R.T. 0.46 min
 Lab File: BG041910.D
 Acq: 3 Aug 2019 15:16

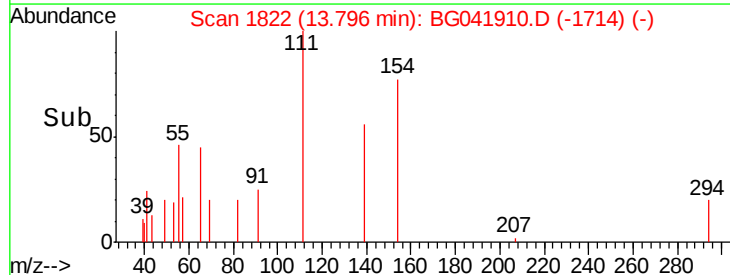
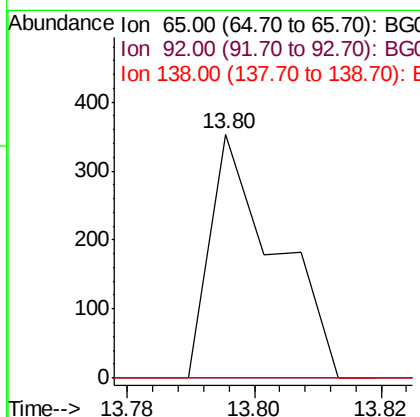
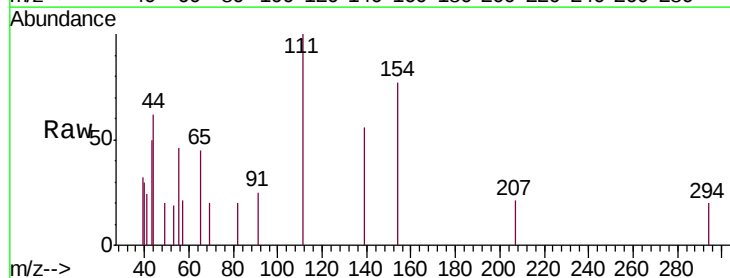
Instrument :
 BNA_G
 ClientSampleId :
 BENS2

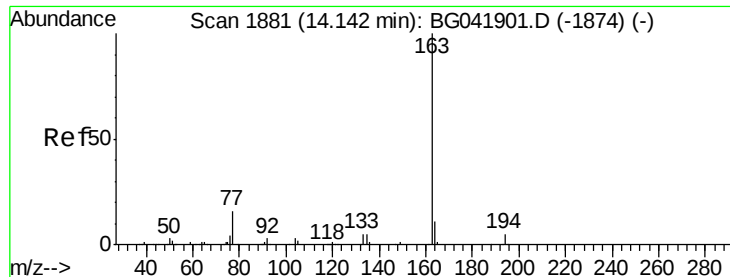
Tgt Ion: 162 Resp: 323
 Ion Ratio Lower Upper
 162 100
 164 146.1 26.9 40.3#
 127 70.8 27.8 41.8#



#42
 2-Nitroaniline
 Concen: 0.062 ng/ul
 RT: 13.80 min Scan# 1822
 Delta R.T. 0.04 min
 Lab File: BG041910.D
 Acq: 3 Aug 2019 15:16

Tgt Ion: 65 Resp: 252
 Ion Ratio Lower Upper
 65 100
 92 0.0 51.6 77.4#
 138 0.0 94.1 141.1#

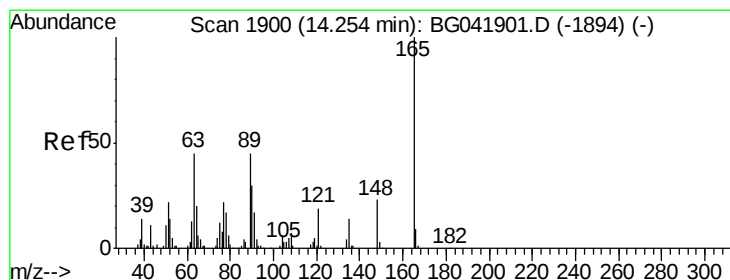
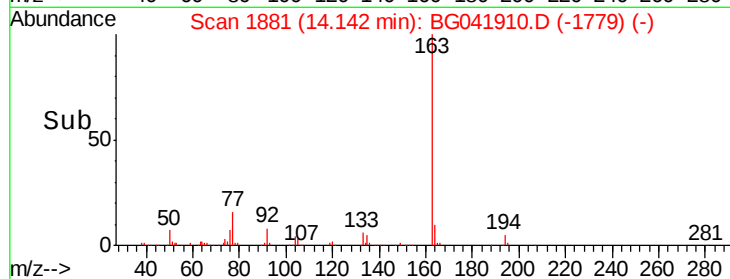
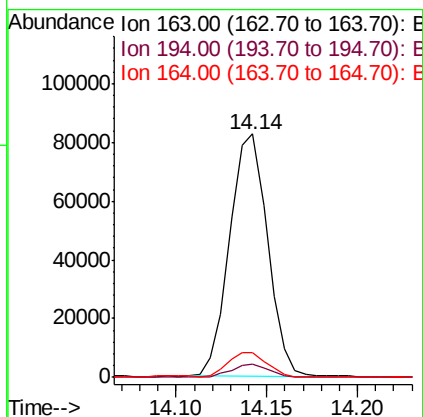
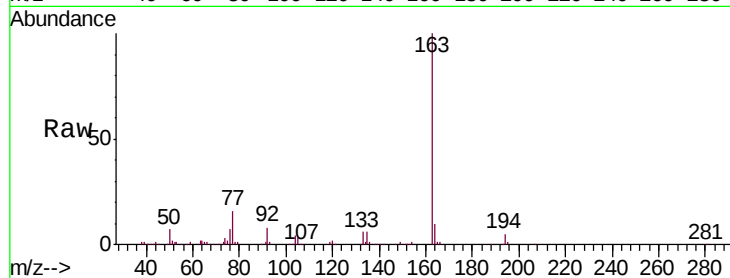




#44
Dimethylphthalate
Concen: 5.906 ng/ul
RT: 14.14 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BG041910.D
Acq: 3 Aug 2019 15:16

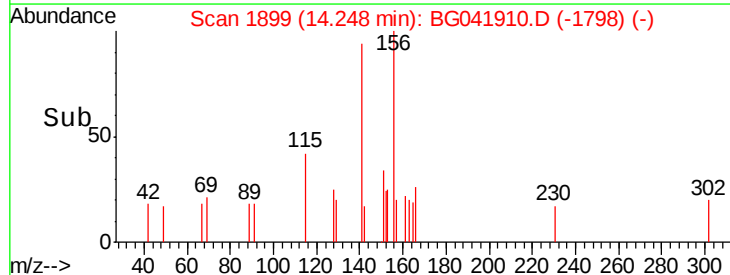
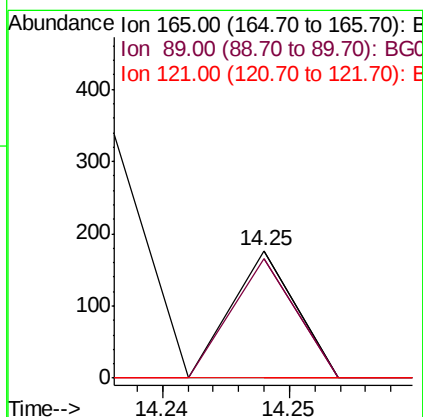
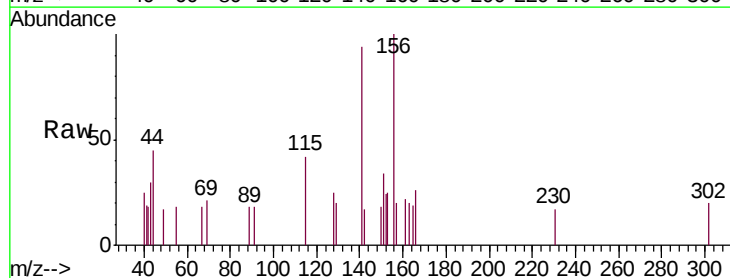
Instrument :
BNA_G
ClientSampleId :
BENS2

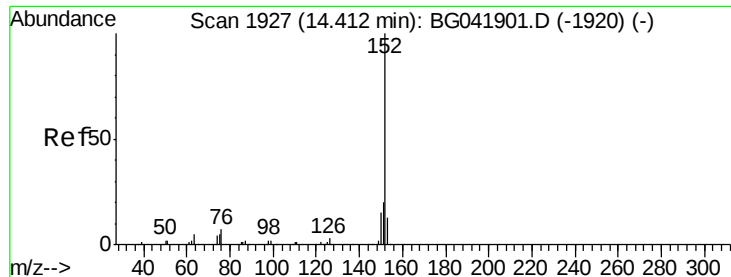
Tgt Ion:163 Resp: 120741
Ion Ratio Lower Upper
163 100
194 5.2 4.2 6.2
164 10.4 7.8 11.8



#45
2,6-Dinitrotoluene
Concen: 0.014 ng/ul
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG041910.D
Acq: 3 Aug 2019 15:16

Tgt Ion:165 Resp: 62
Ion Ratio Lower Upper
165 100
89 93.2 36.8 55.2#
121 0.0 15.6 23.4#





#47

Acenaphthylene

Concen: 0.697 ng/ul

RT: 14.42 min Scan# 1928

Delta R.T. 0.01 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Instrument :

BNA_G

ClientSampleId :

BENS2

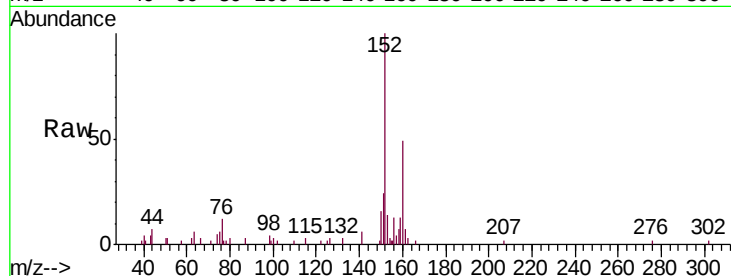
Tgt Ion:152 Resp: 16538

Ion Ratio Lower Upper

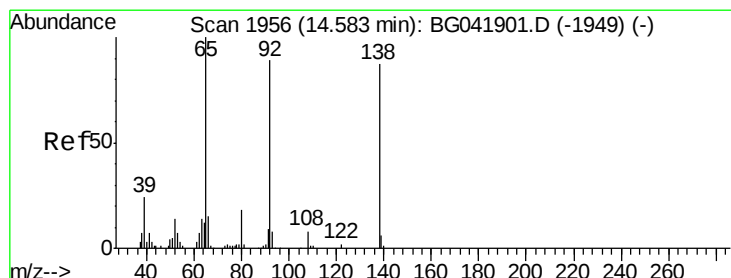
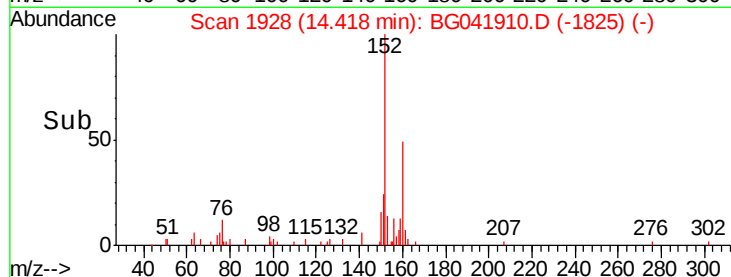
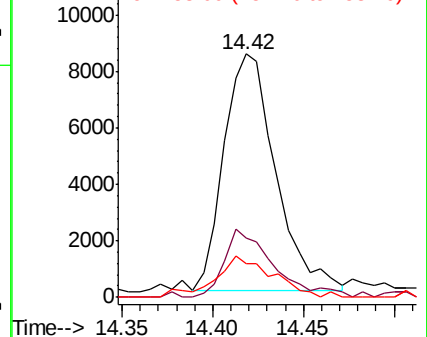
152 100

151 24.4 16.8 25.2

153 13.8 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: 0.017 ng/ul

RT: 14.70 min Scan# 1976

Delta R.T. 0.12 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

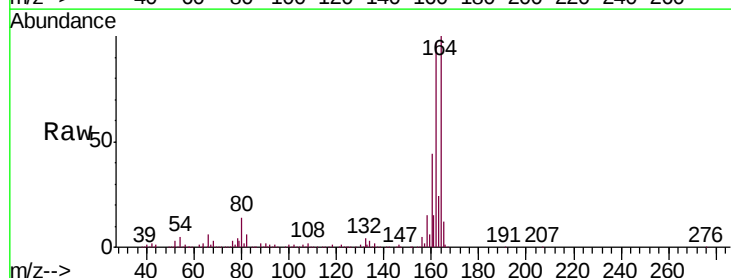
Tgt Ion:138 Resp: 59

Ion Ratio Lower Upper

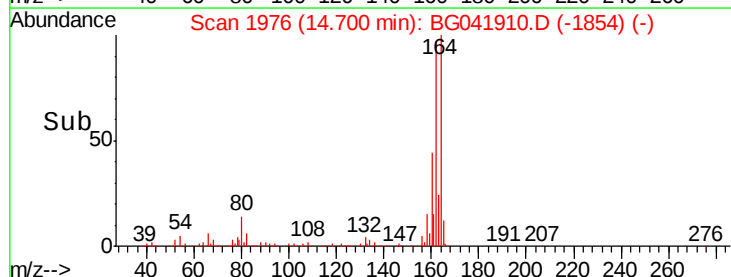
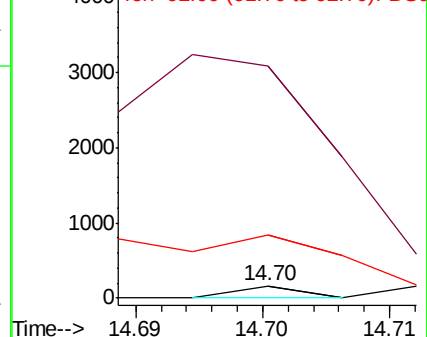
138 100

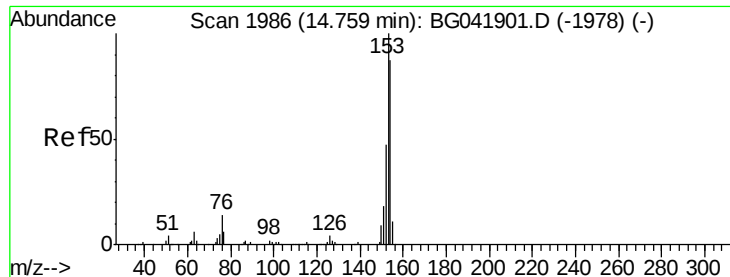
108 1856.6 7.6 11.4#

92 509.0 76.4 114.6#



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): BGO





#49

Acenaphthene

Concen: 0.246 ng/ul

RT: 14.76 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Instrument :

BNA_G

ClientSampleId :

BENS2

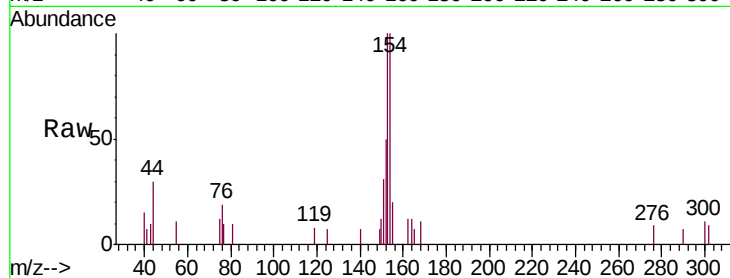
Tgt Ion:153 Resp: 4088

Ion Ratio Lower Upper

153 100

152 50.2 37.8 56.8

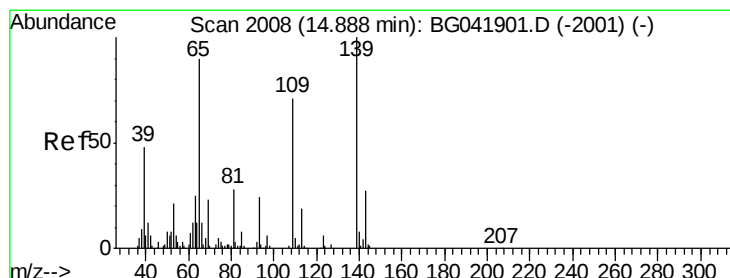
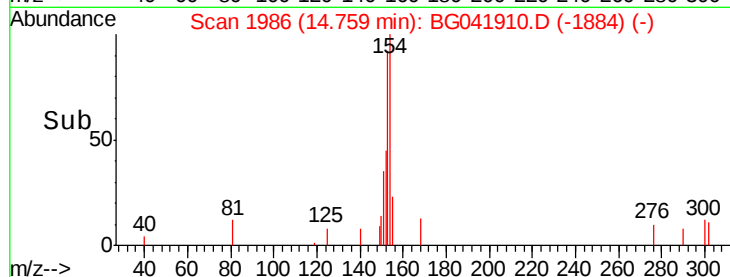
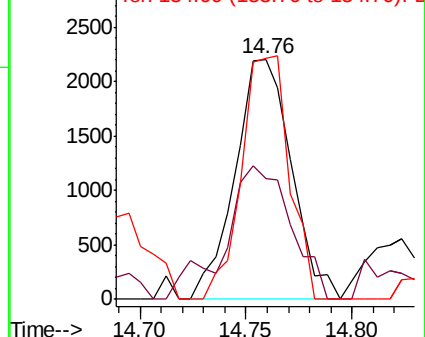
154 100.4 69.4 104.2



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



#52

4-Nitrophenol

Concen: 0.232 ng/ul

RT: 14.69 min Scan# 1974

Delta R.T. -0.20 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

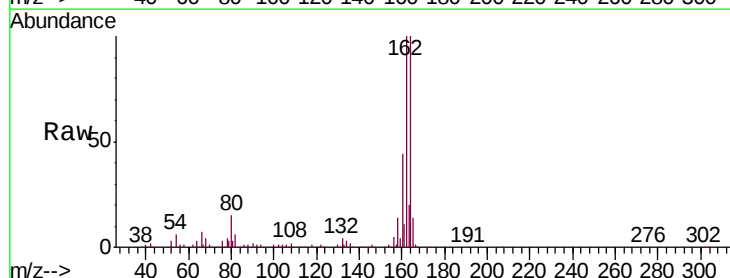
Tgt Ion:109 Resp: 595

Ion Ratio Lower Upper

109 100

139 0.0 111.8 167.6#

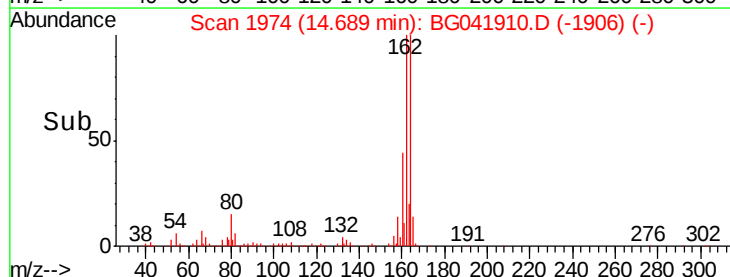
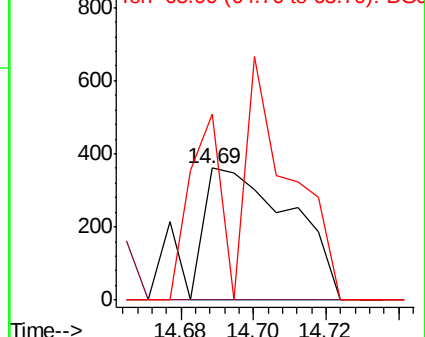
65 140.4 103.6 155.4

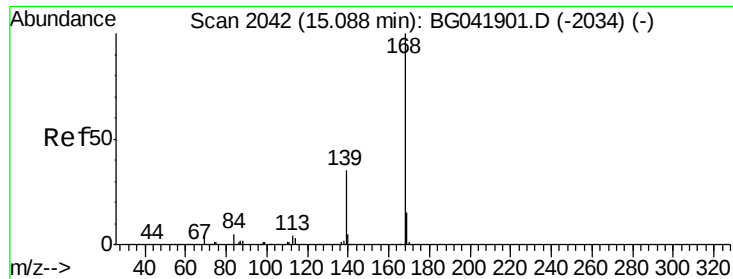


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC





#53

Dibenzofuran

Concen: 0.297 ng/ul

RT: 15.09 min Scan# 2043

Delta R.T. 0.01 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Instrument :

BNA_G

ClientSampleId :

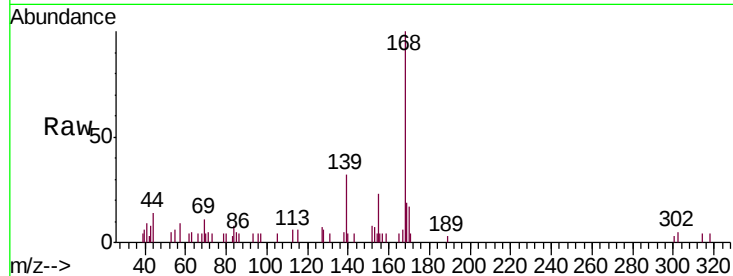
BENS2

Tgt Ion:168 Resp: 7353

Ion Ratio Lower Upper

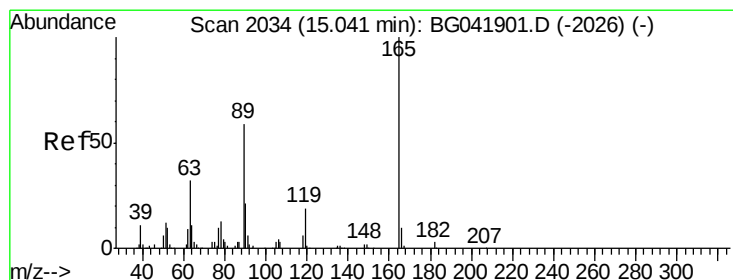
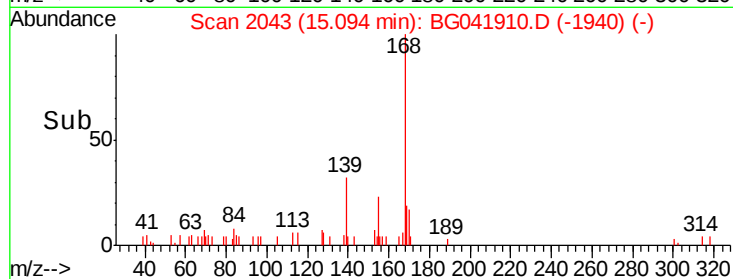
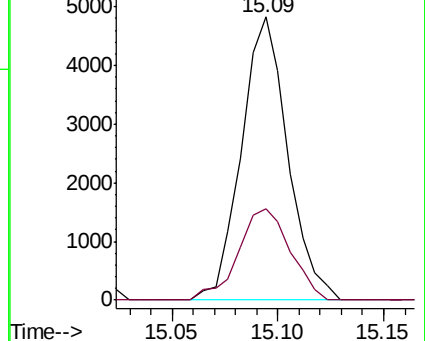
168 100

139 32.1 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: 0.033 ng/ul

RT: 15.05 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

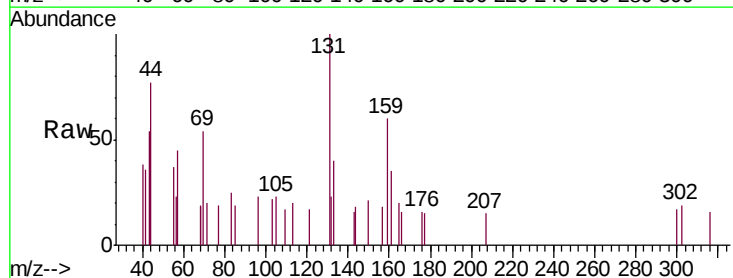
Tgt Ion:165 Resp: 212

Ion Ratio Lower Upper

165 100

63 0.0 29.4 44.2#

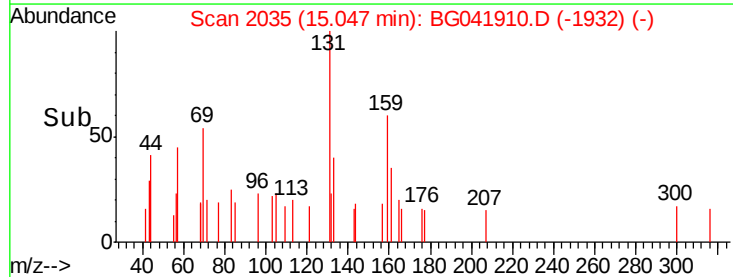
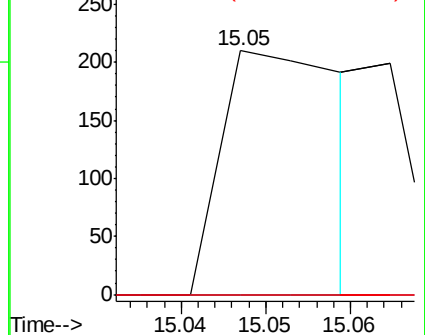
182 0.0 2.6 4.0#

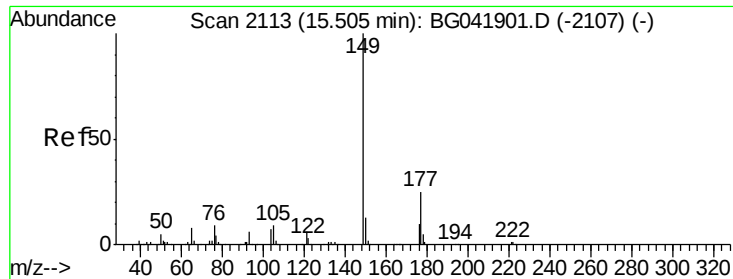


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E

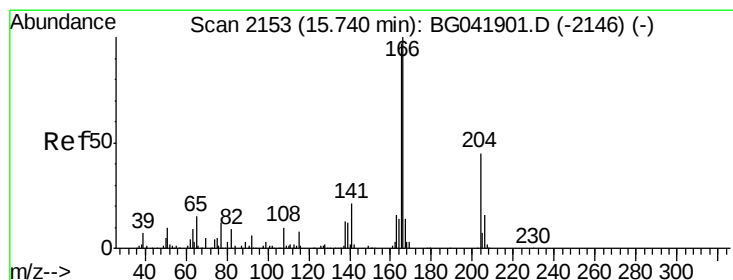
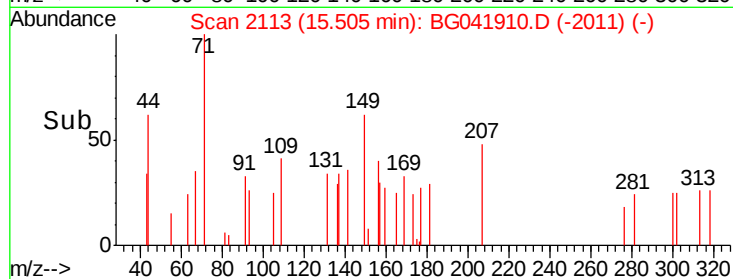
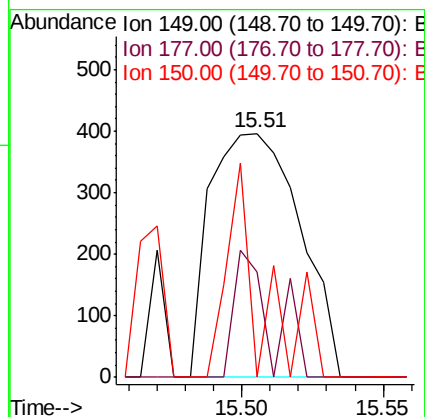
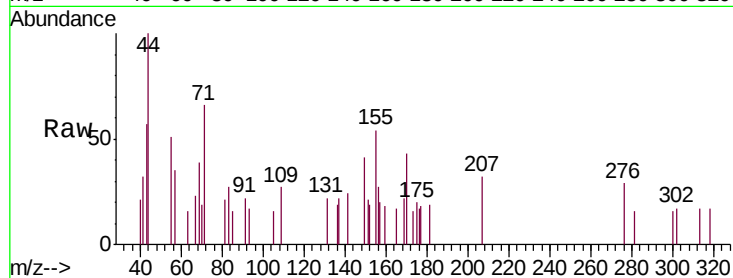




#56
Diethylphthalate
Concen: 0.043 ng/ul
RT: 15.51 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG041910.D
Acq: 3 Aug 2019 15:16

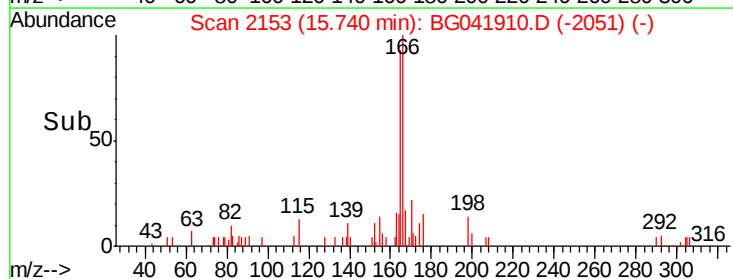
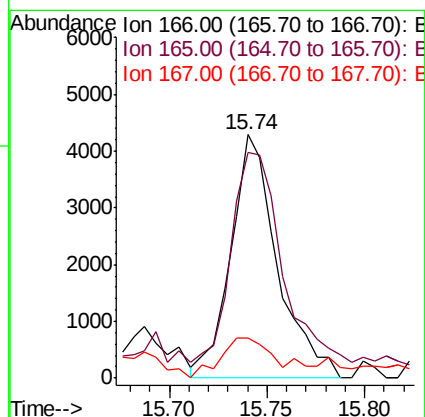
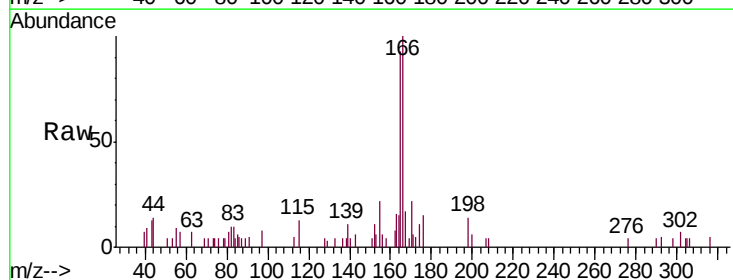
Instrument :
BNA_G
ClientSampleId :
BENS2

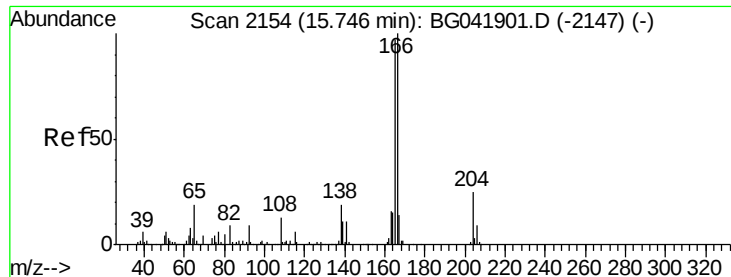
Tgt Ion:149 Resp: 876
Ion Ratio Lower Upper
149 100
177 43.4 19.4 29.2#
150 0.0 10.2 15.4#



#58
Fluorene
Concen: 0.356 ng/ul
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG041910.D
Acq: 3 Aug 2019 15:16

Tgt Ion:166 Resp: 7099
Ion Ratio Lower Upper
166 100
165 92.5 81.1 121.7
167 16.6 11.0 16.4#





#60

4-Nitroaniline

Concen: 0.047 ng/ul

RT: 15.75 min Scan# 2155

Delta R.T. 0.01 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Instrument :

BNA_G

ClientSampleId :

BENS2

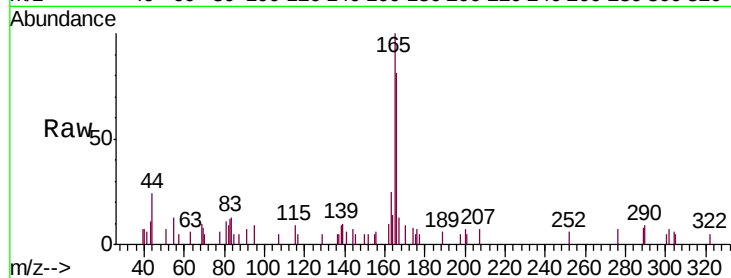
Tgt Ion:138 Resp: 187

Ion Ratio Lower Upper

138 100

92 0.0 34.6 51.8#

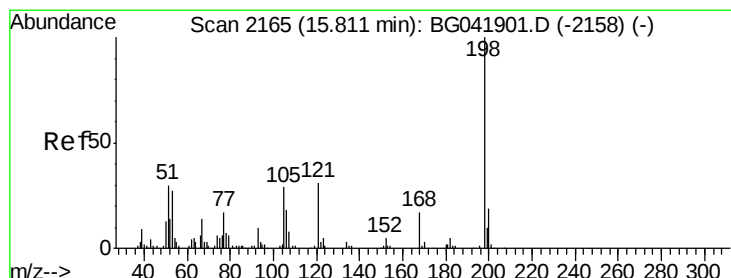
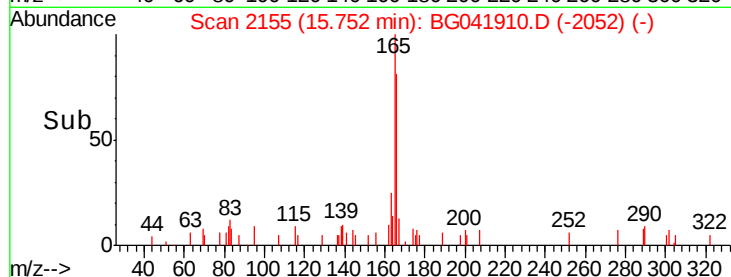
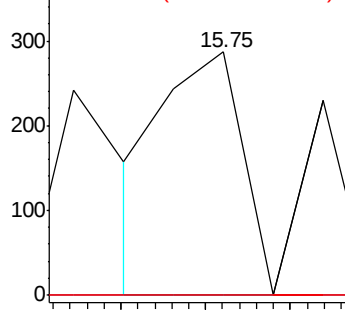
108 0.0 54.2 81.2#



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



#63

4,6-Dinitro-2-methylphenol

Concen: 0.202 ng/ul

RT: 15.75 min Scan# 2154

Delta R.T. -0.06 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

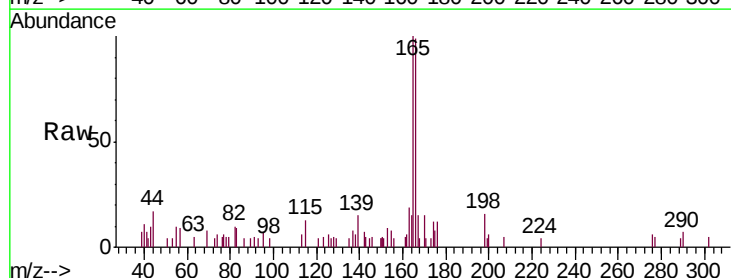
Tgt Ion:198 Resp: 752

Ion Ratio Lower Upper

198 100

182 0.0 3.4 5.0#

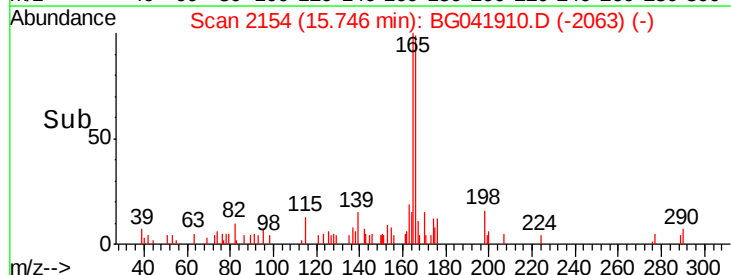
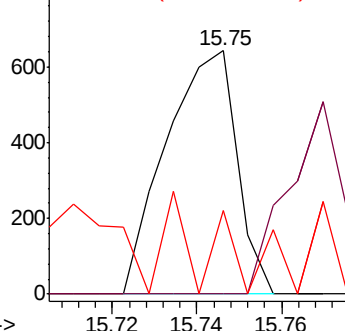
77 34.5 13.2 19.8#

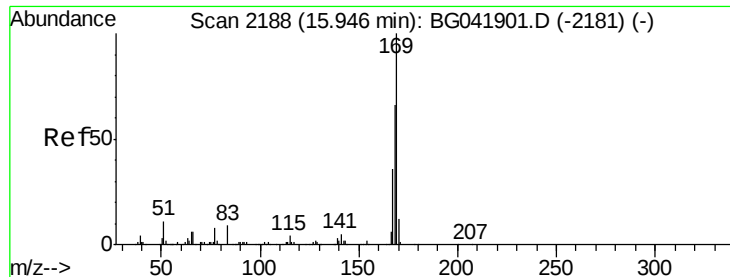


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BG

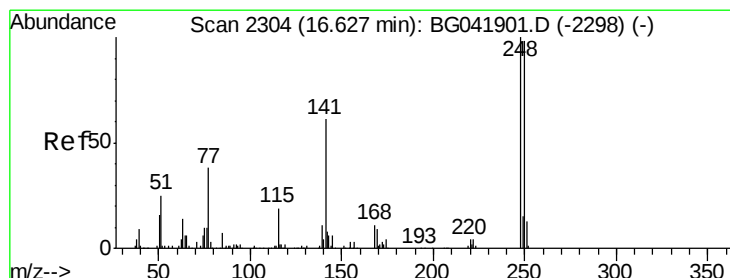
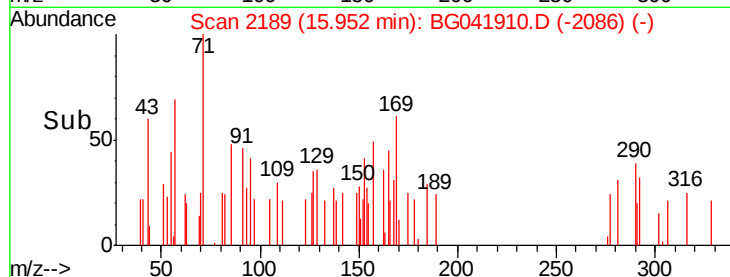
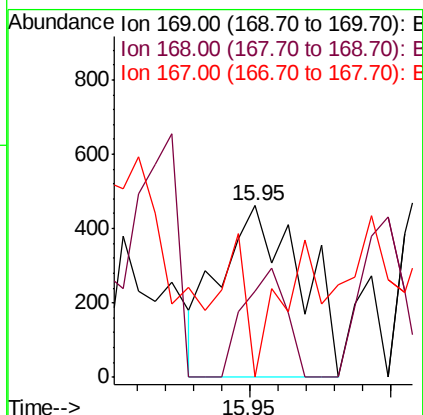
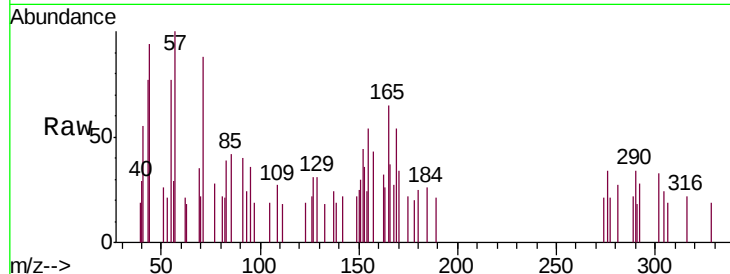




#64
N-Nitrosodiphenylamine
Concen: 0.058 ng/ul
RT: 15.95 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BG041910.D
Acq: 3 Aug 2019 15:16

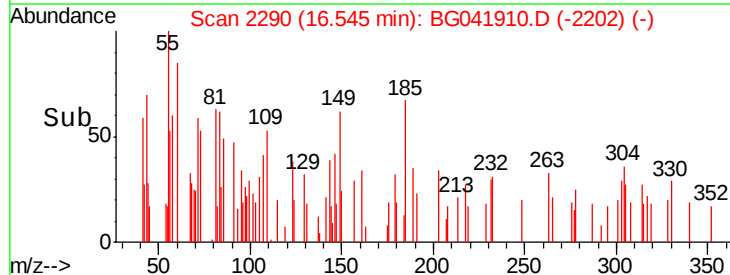
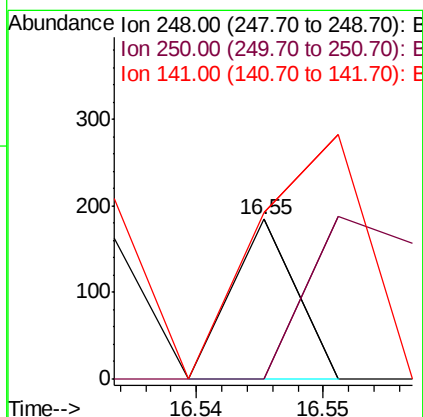
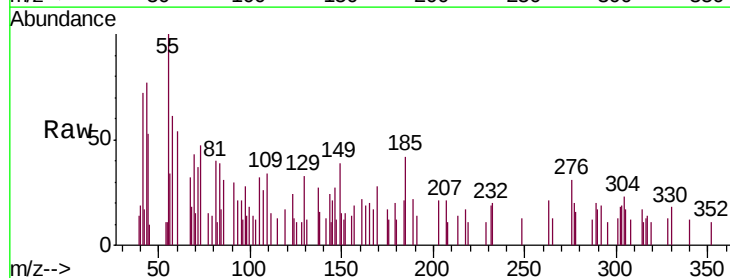
Instrument :
BNA_G
ClientSampled :
BENS2

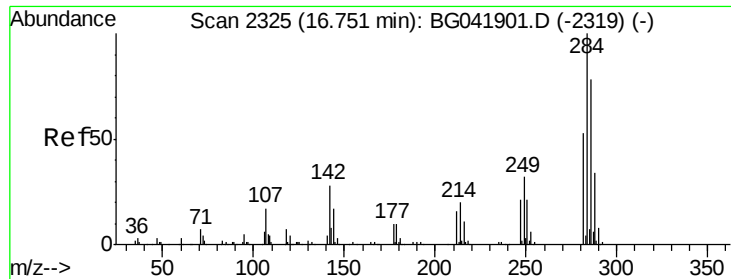
Tgt Ion:169 Resp: 918
Ion Ratio Lower Upper
169 100
168 50.4 55.0 82.4#
167 0.0 29.5 44.3#



#65
4-Bromophenyl-phenylether
Concen: 0.009 ng/ul
RT: 16.55 min Scan# 2290
Delta R.T. -0.08 min
Lab File: BG041910.D
Acq: 3 Aug 2019 15:16

Tgt Ion:248 Resp: 65
Ion Ratio Lower Upper
248 100
250 0.0 76.1 114.1#
141 104.3 46.8 70.2#

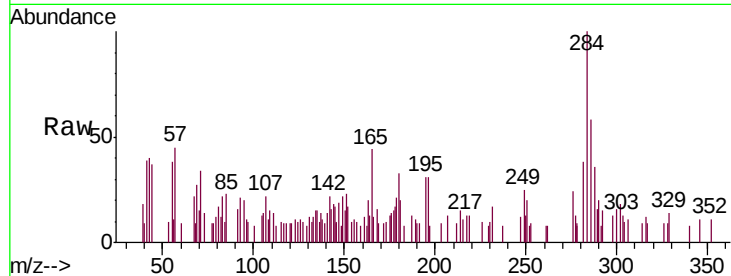




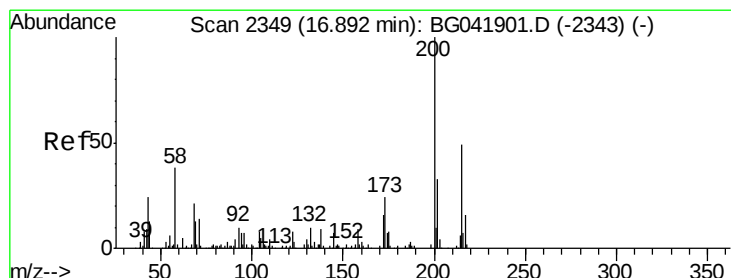
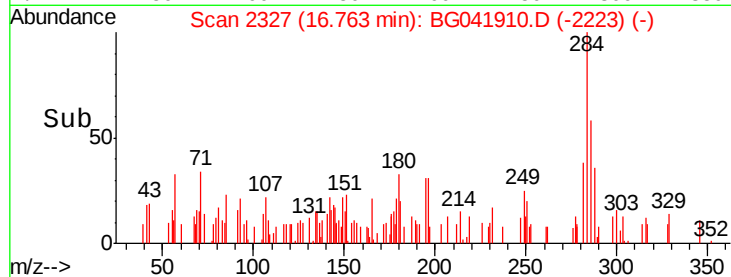
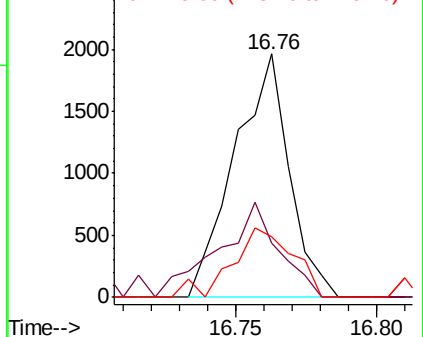
#66
Hexachlorobenzene
Concen: 0.370 ng/ul
RT: 16.76 min Scan# 2327
Delta R.T. 0.01 min
Lab File: BG041910.D
Acq: 3 Aug 2019 15:16

Instrument :
BNA_G
ClientSampleId :
BENS2

Tgt Ion:284 Resp: 2643
Ion Ratio Lower Upper
284 100
142 22.3 24.4 36.6#
249 24.7 27.2 40.8#

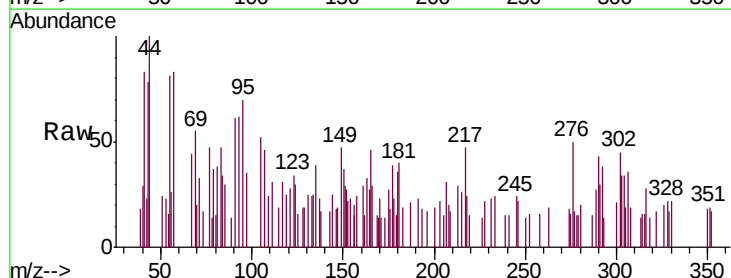


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

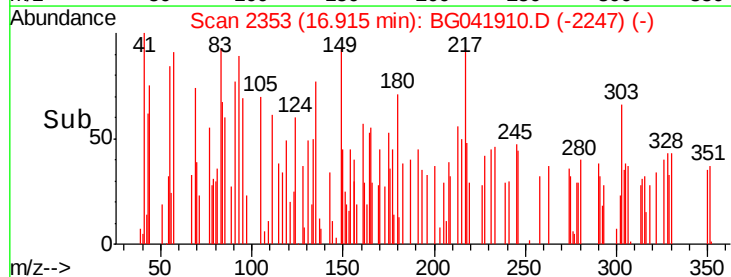
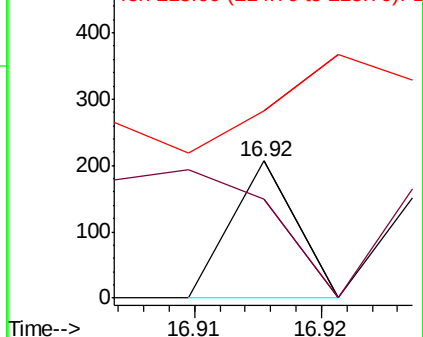


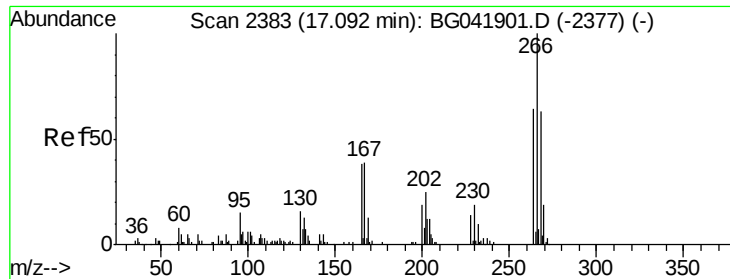
#67
Atrazine
Concen: 0.011 ng/ul
RT: 16.92 min Scan# 2353
Delta R.T. 0.02 min
Lab File: BG041910.D
Acq: 3 Aug 2019 15:16

Tgt Ion:200 Resp: 73
Ion Ratio Lower Upper
200 100
173 72.5 19.0 28.6#
215 136.2 43.0 64.6#



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

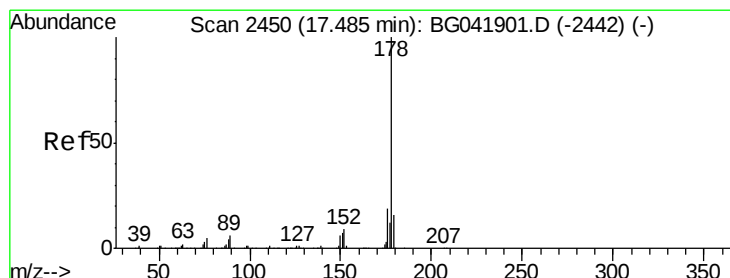
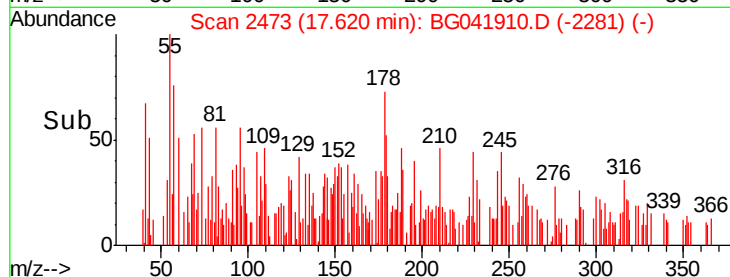
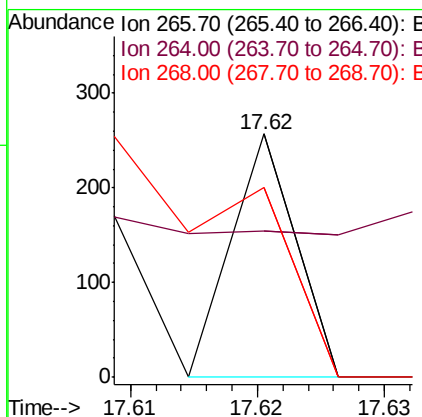
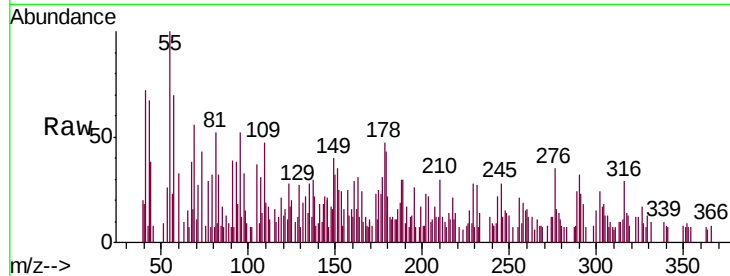




#68
 Pentachlorophenol
 Concen: 0.023 ng/ul
 RT: 17.62 min Scan# 2473
 Delta R.T. 0.53 min
 Lab File: BG041910.D
 Acq: 3 Aug 2019 15:16

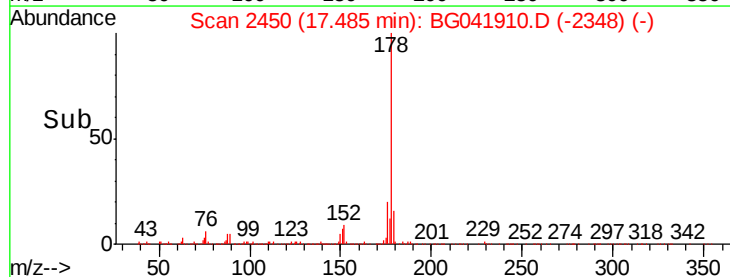
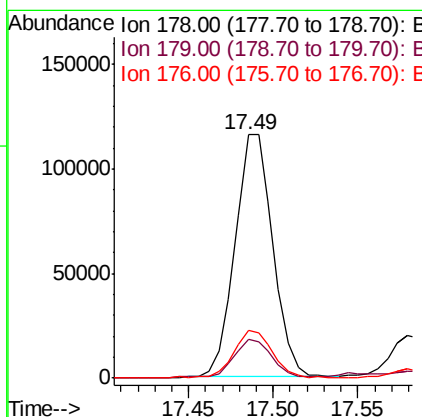
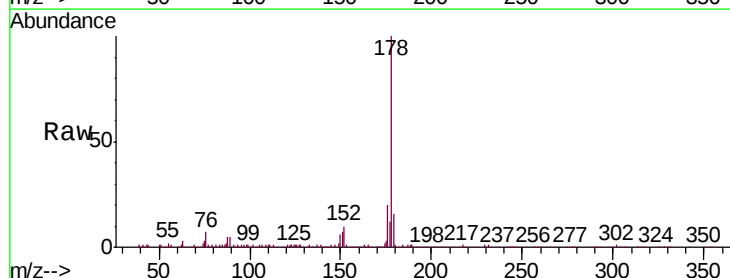
Instrument :
 BNA_G
 ClientSampleID :
 BENS2

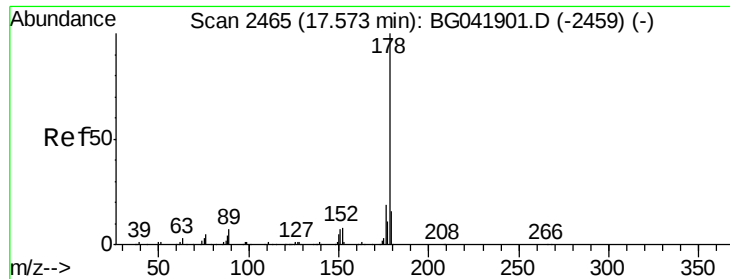
Tgt Ion: 266 Resp: 91
 Ion Ratio Lower Upper
 266 100
 264 60.3 52.3 78.5
 268 78.2 53.2 79.8



#69
 Phenanthrene
 Concen: 6.109 ng/ul
 RT: 17.49 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BG041910.D
 Acq: 3 Aug 2019 15:16

Tgt Ion: 178 Resp: 179885
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.8 19.2
 176 19.7 15.4 23.2

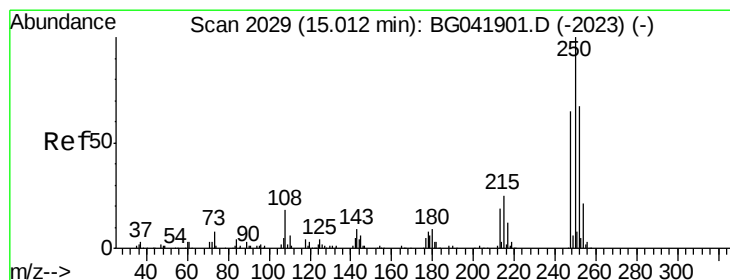
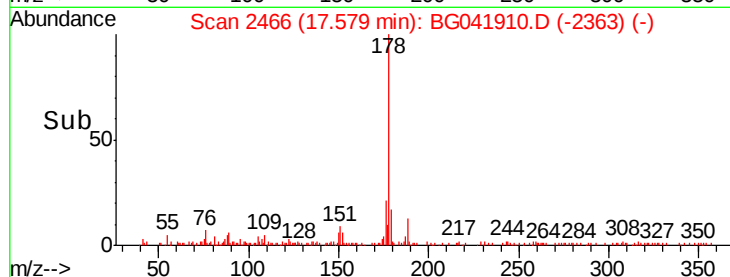
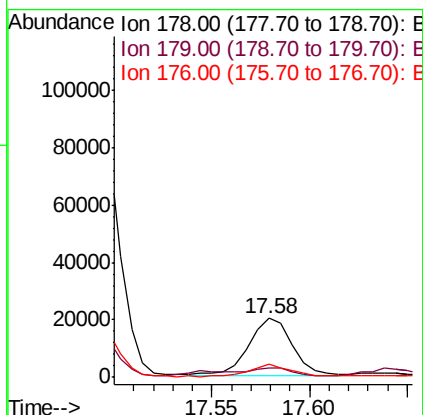
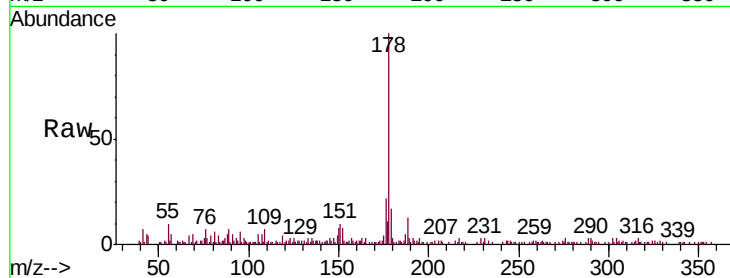




#71
 Anthracene
 Concen: 1.030 ng/ul
 RT: 17.58 min Scan# 2466
 Delta R.T. 0.01 min
 Lab File: BG041910.D
 Acq: 3 Aug 2019 15:16

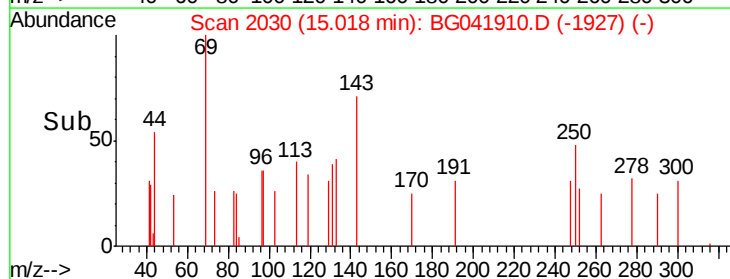
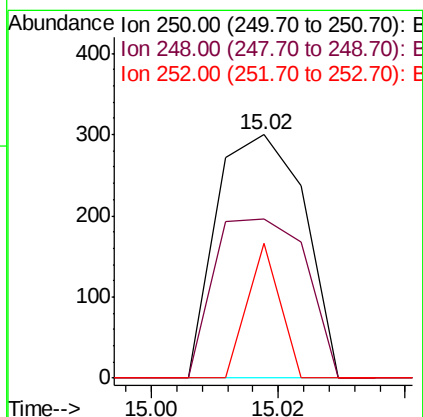
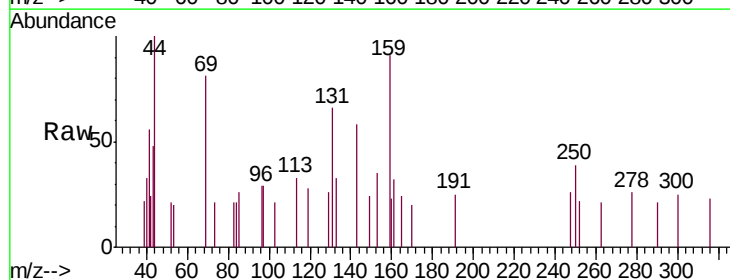
Instrument :
 BNA_G
 ClientSampleId :
 BENS2

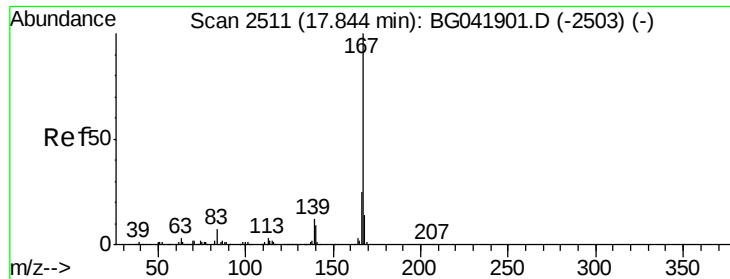
Tgt Ion:178 Resp: 30768
 Ion Ratio Lower Upper
 178 100
 179 16.7 13.4 20.0
 176 22.0 15.4 23.2



#73
 Pentachlorobenzene
 Concen: 0.033 ng/uL
 RT: 15.02 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BG041910.D
 Acq: 3 Aug 2019 15:16

Tgt Ion:250 Resp: 285
 Ion Ratio Lower Upper
 250 100
 248 65.3 50.9 76.3
 252 55.3 52.0 78.0





#74

Carbazole

Concen: 0.841 ng/ul

RT: 17.84 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Instrument :

BNA_G

ClientSampleId :

BENS2

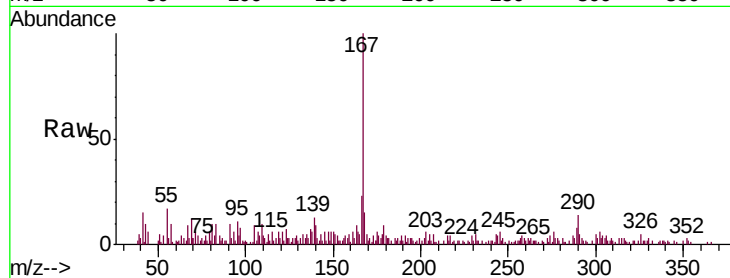
Tgt Ion:167 Resp: 20804

Ion Ratio Lower Upper

167 100

166 22.9 18.2 27.4

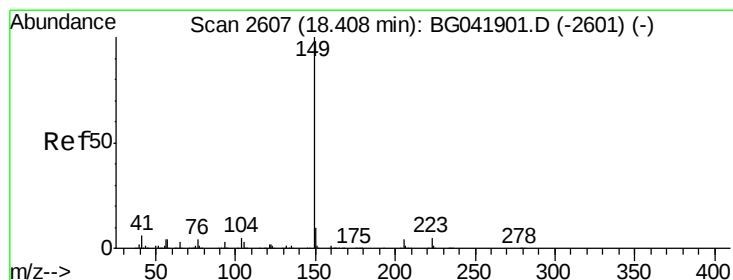
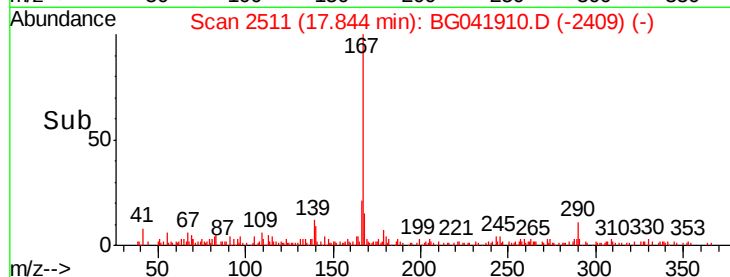
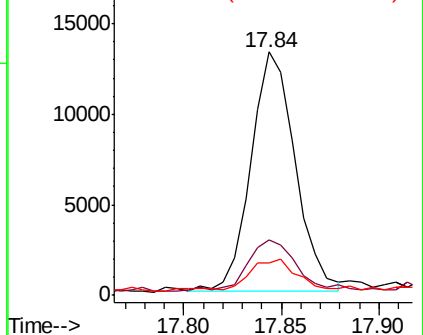
139 13.1 9.6 14.4



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



#75

Di-n-butylphthalate

Concen: 0.305 ng/ul

RT: 18.41 min Scan# 2607

Delta R.T. 0.00 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

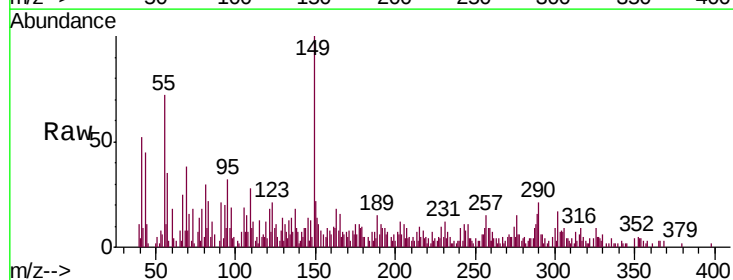
Tgt Ion:149 Resp: 9295

Ion Ratio Lower Upper

149 100

150 22.0 8.3 12.5#

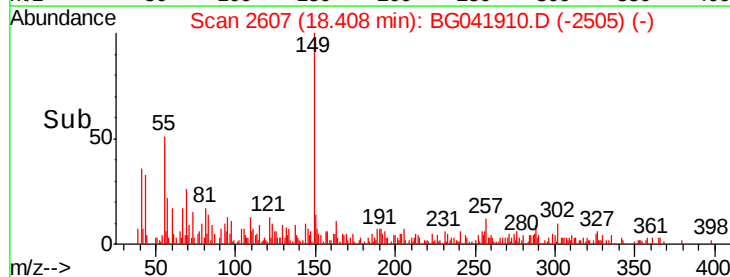
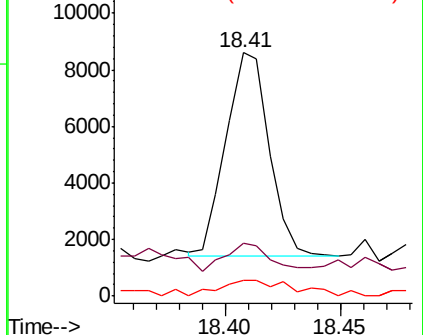
104 6.6 3.9 5.9#

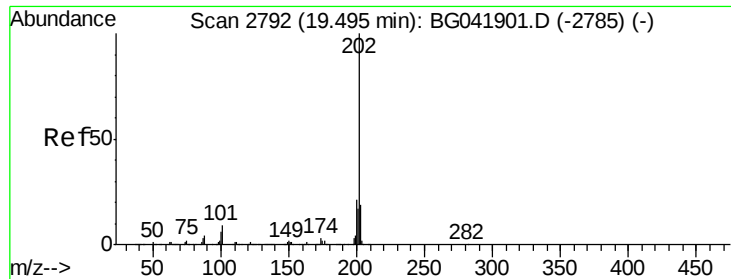


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

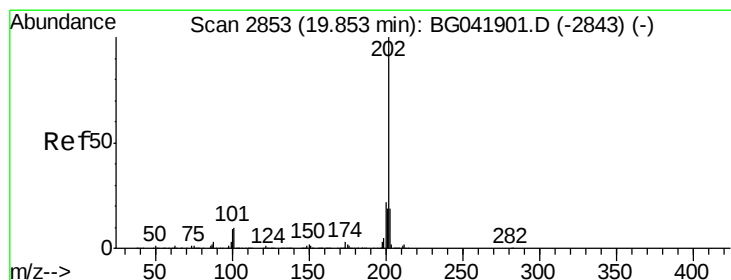
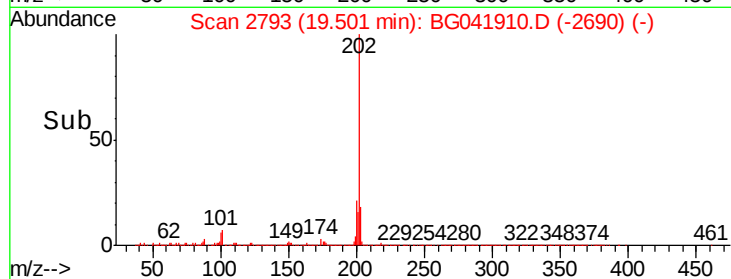
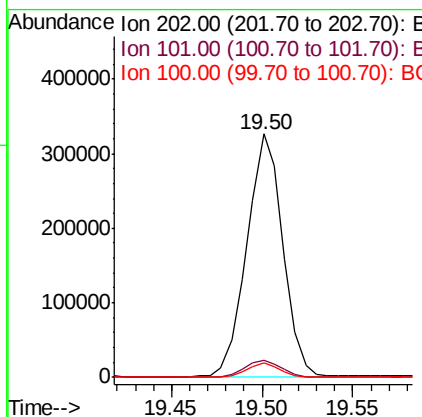
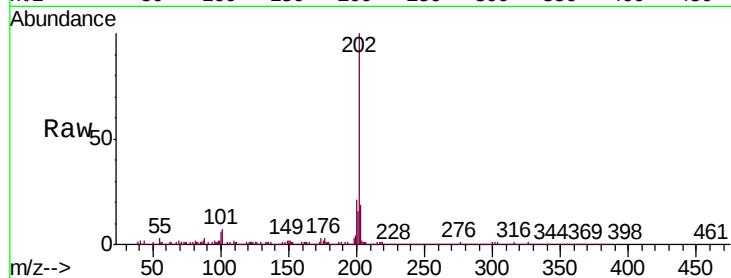




#76
Fluoranthene
Concen: 13.175 ng/ul
RT: 19.50 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BG041910.D
Acq: 3 Aug 2019 15:16

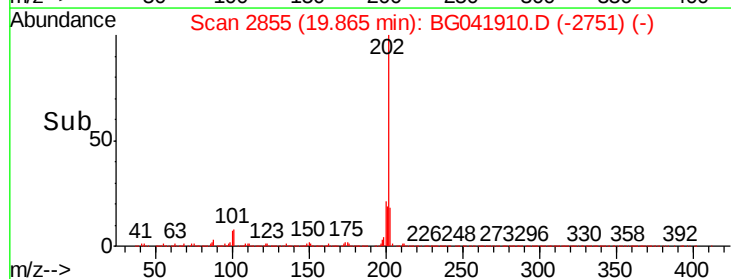
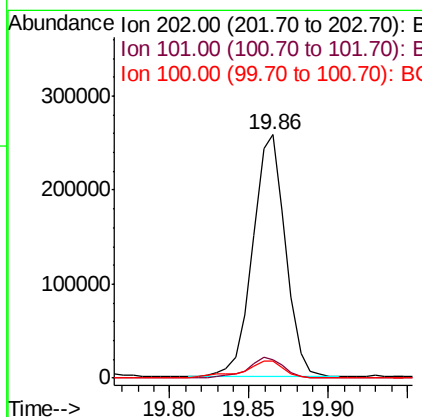
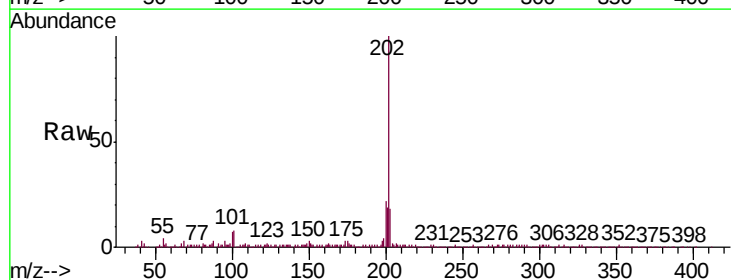
Instrument :
BNA_G
ClientSampleId :
BENS2

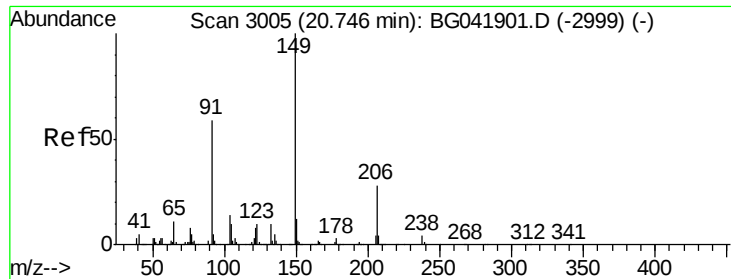
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	6.7	10.1
100	5.7	5.3	7.9



#79
Pyrene
Concen: 10.118 ng/ul
RT: 19.86 min Scan# 2855
Delta R.T. 0.01 min
Lab File: BG041910.D
Acq: 3 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	7.6	11.4
100	7.0	6.5	9.7

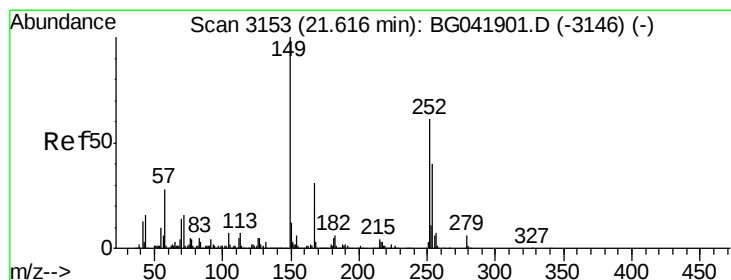
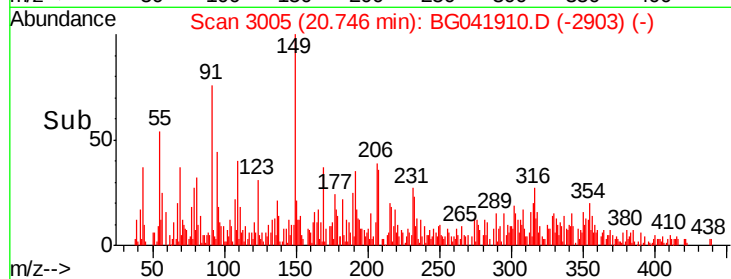
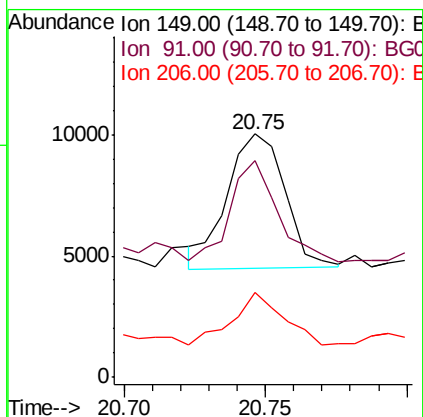
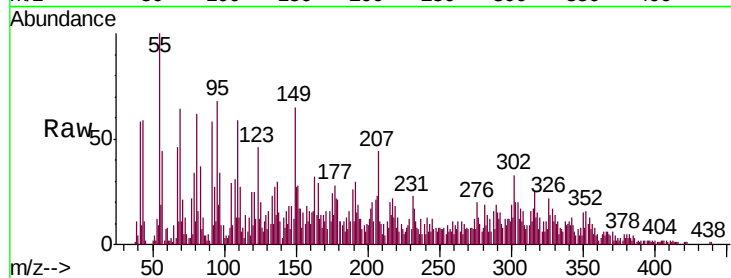




#80
Butylbenzylphthalate
Concen: 0.544 ng/ul
RT: 20.75 min Scan# 3005
Delta R.T. 0.00 min
Lab File: BG041910.D
Acq: 3 Aug 2019 15:16

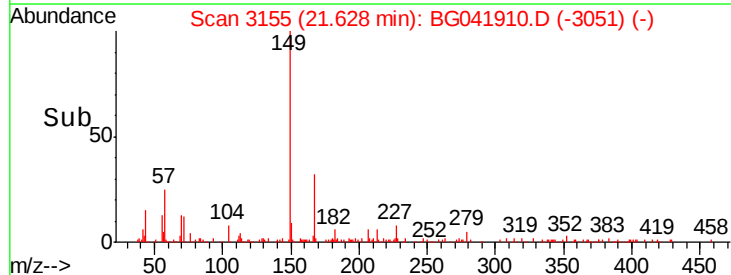
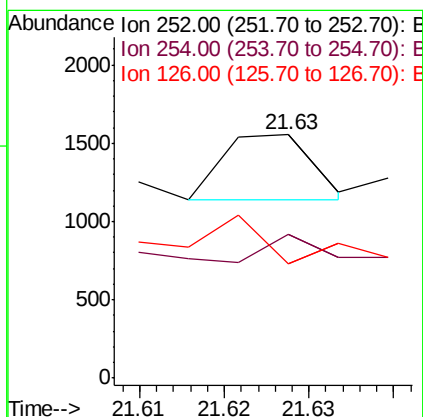
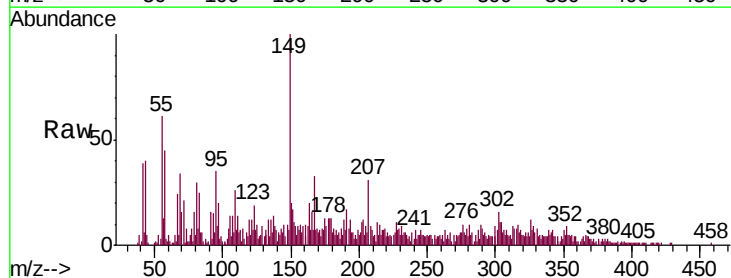
Instrument :
BNA_G
ClientSampleId :
BENS2

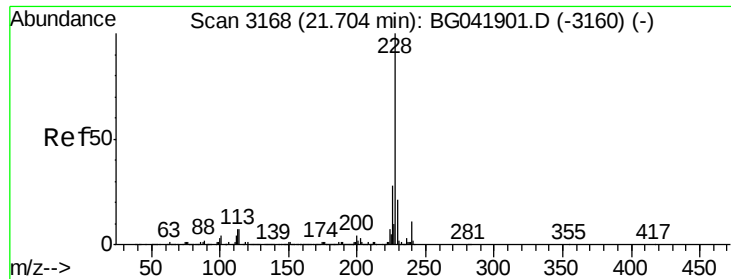
Tgt Ion:149 Resp: 7851
Ion Ratio Lower Upper
149 100
91 89.0 49.5 74.3#
206 35.0 21.3 31.9#



#81
3,3'-Dichlorobenzidine
Concen: 0.025 ng/ul
RT: 21.63 min Scan# 3155
Delta R.T. 0.01 min
Lab File: BG041910.D
Acq: 3 Aug 2019 15:16

Tgt Ion:252 Resp: 307
Ion Ratio Lower Upper
252 100
254 58.8 53.1 79.7
126 46.7 6.9 10.3#





#82

Benzo(a)anthracene

Concen: 6.527 ng/ul

RT: 21.71 min Scan# 3169

Delta R.T. 0.01 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Instrument :

BNA_G

ClientSampleId :

BENS2

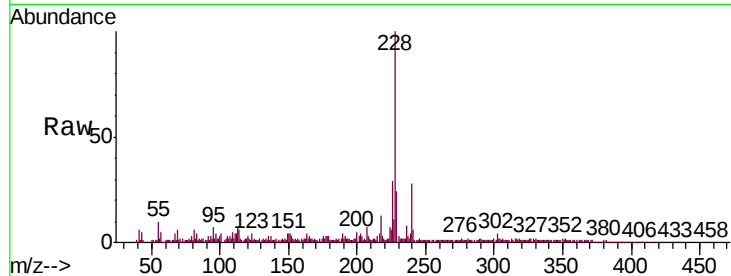
Tgt Ion:228 Resp: 246904

Ion Ratio Lower Upper

228 100

229 23.7 17.0 25.6

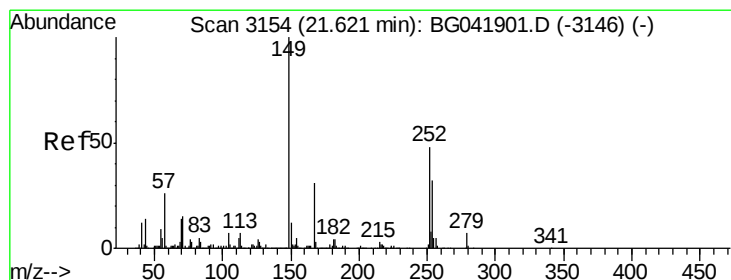
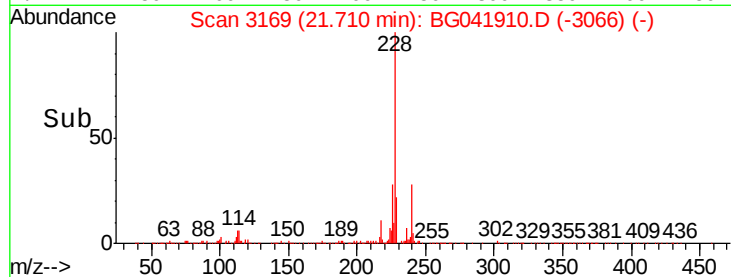
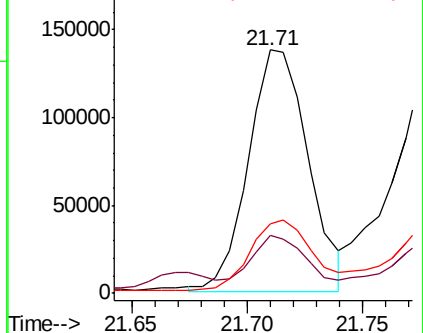
226 28.6 23.3 34.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.754 ng/ul

RT: 21.63 min Scan# 3155

Delta R.T. 0.01 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

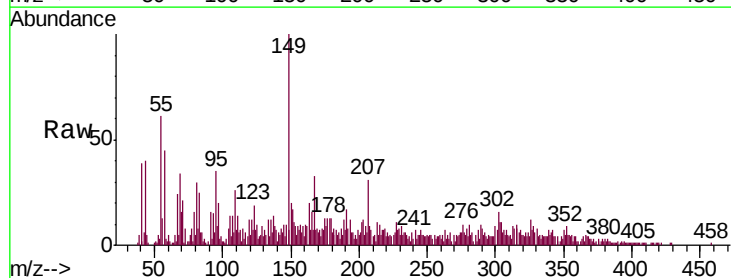
Tgt Ion:149 Resp: 34564

Ion Ratio Lower Upper

149 100

167 33.0 25.0 37.4

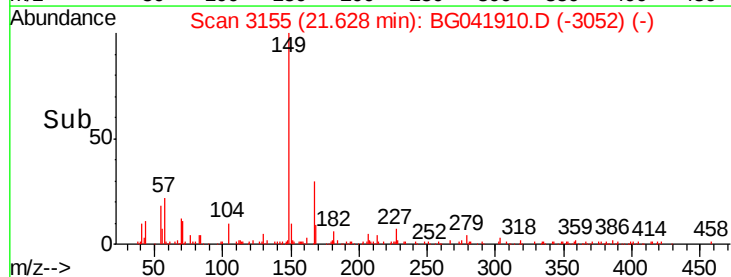
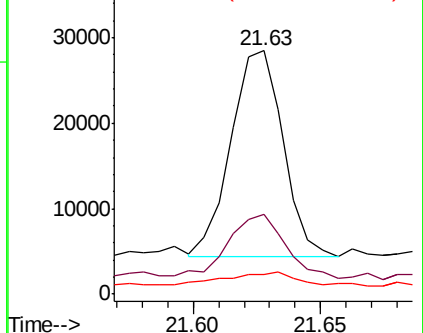
279 8.0 5.2 7.8#

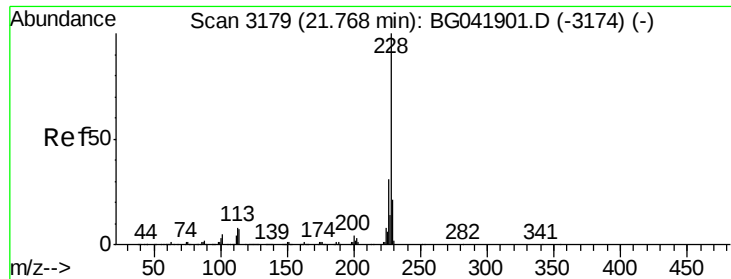


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 7.408 ng/ul

RT: 21.78 min Scan# 3181

Delta R.T. 0.01 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Instrument :

BNA_G

ClientSampleId :

BENS2

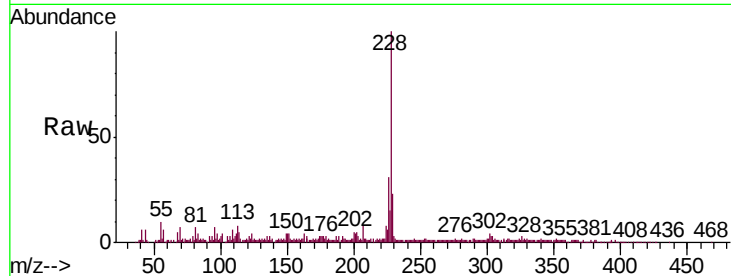
Tgt Ion:228 Resp: 261520

Ion Ratio Lower Upper

228 100

226 30.6 25.7 38.5

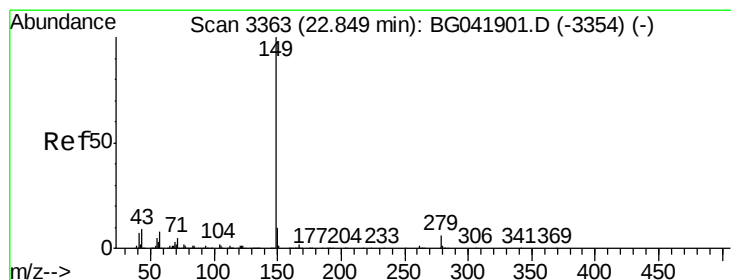
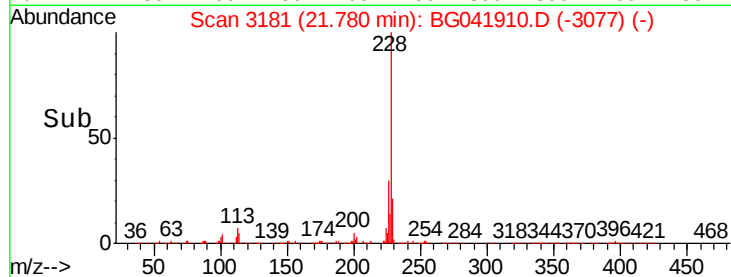
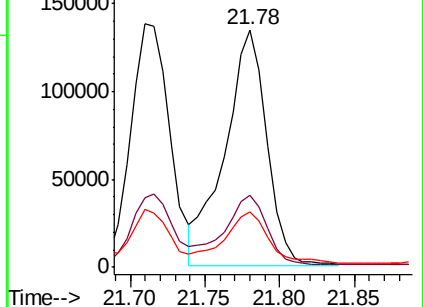
229 23.1 16.6 24.8



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



#86

Di-n-octyl phthalate

Concen: 0.011 ng/ul

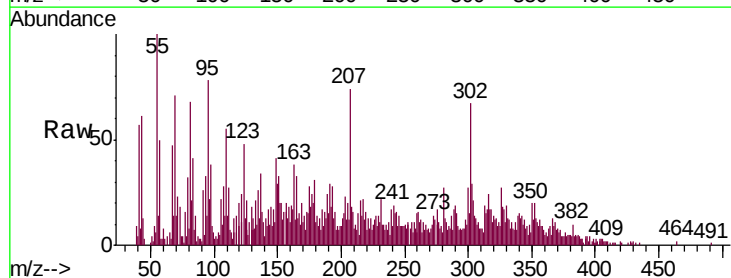
RT: 22.87 min Scan# 3367

Delta R.T. 0.02 min

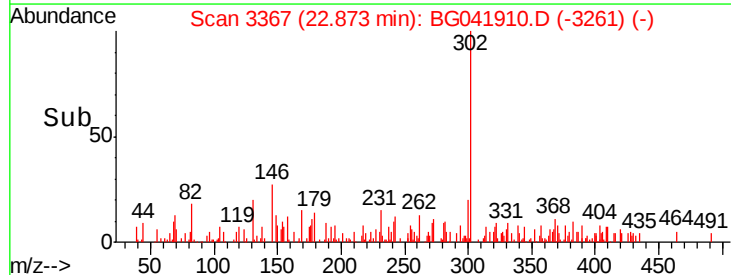
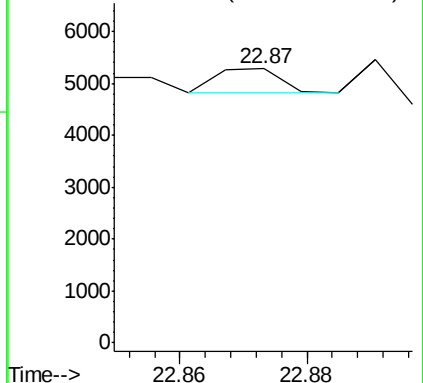
Lab File: BG041910.D

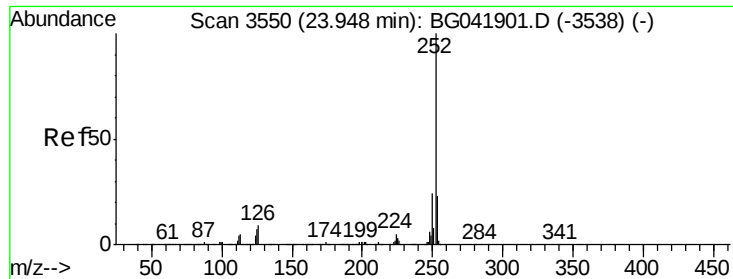
Acq: 3 Aug 2019 15:16

Tgt Ion:149 Resp: 353



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 10.081 ng/ul

RT: 23.98 min Scan# 3555

Delta R.T. 0.03 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Instrument :

BNA_G

ClientSampleId :

BENS2

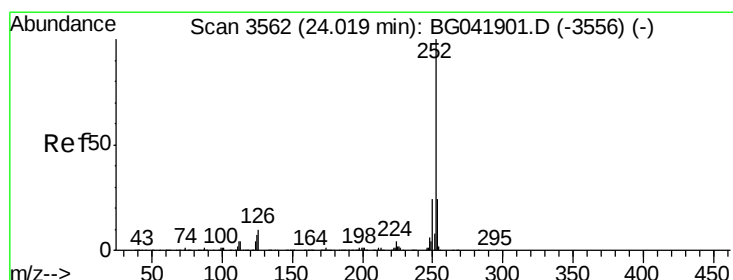
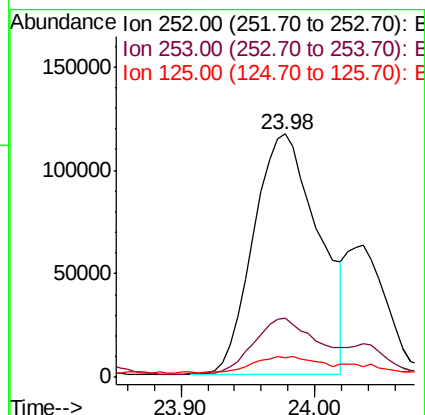
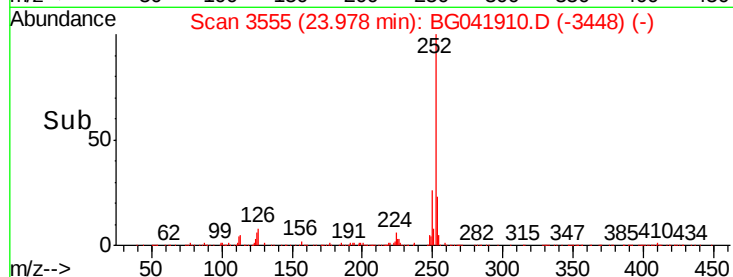
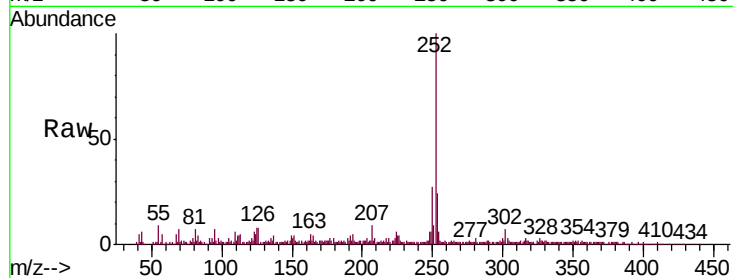
Tgt Ion:252 Resp: 394505

Ion Ratio Lower Upper

252 100

253 24.4 18.4 27.6

125 8.3 5.8 8.8



#88

Benzo(k)fluoranthene

Concen: 10.485 ng/ul

RT: 23.98 min Scan# 3555

Delta R.T. -0.04 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

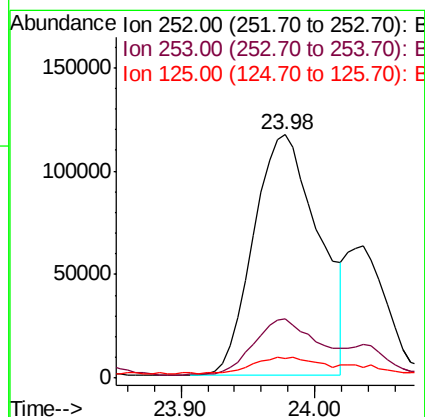
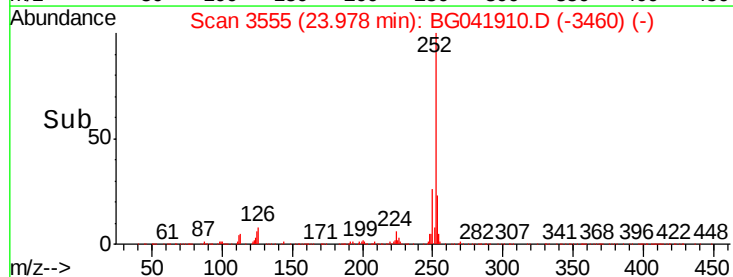
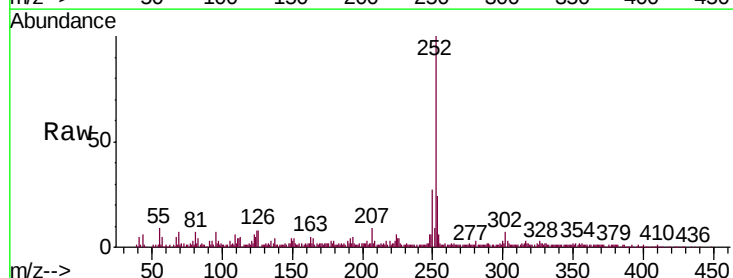
Tgt Ion:252 Resp: 394505

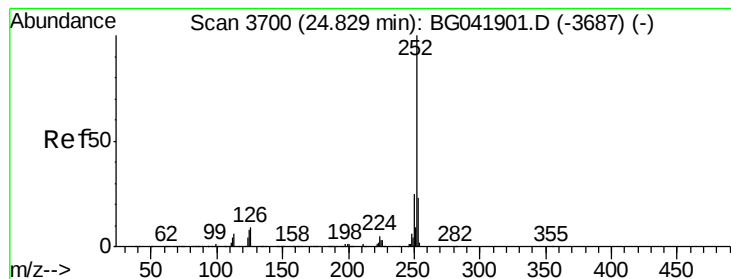
Ion Ratio Lower Upper

252 100

253 24.4 18.3 27.5

125 8.3 5.5 8.3





#90

Benzo(a)pyrene

Concen: 6.509 ng/ul

RT: 24.86 min Scan# 3705

Delta R.T. 0.03 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Instrument :

BNA_G

ClientSampleId :

BENS2

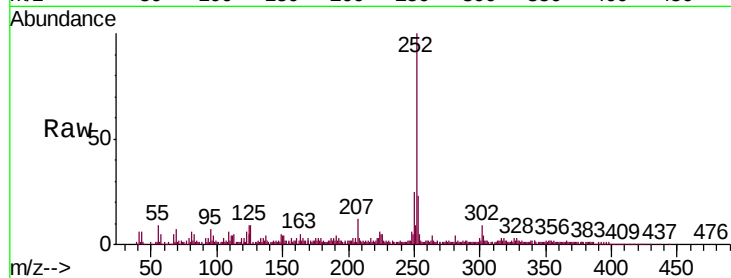
Tgt Ion:252 Resp: 242740

Ion Ratio Lower Upper

252 100

253 23.4 18.3 27.5

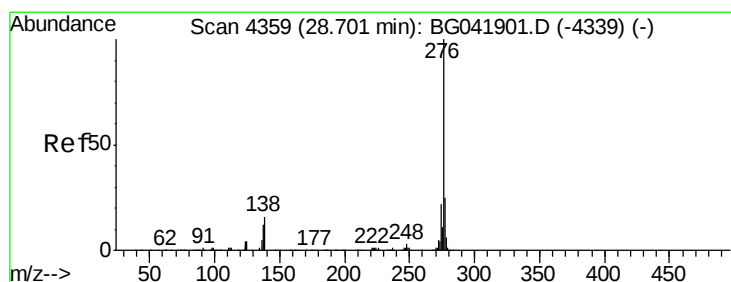
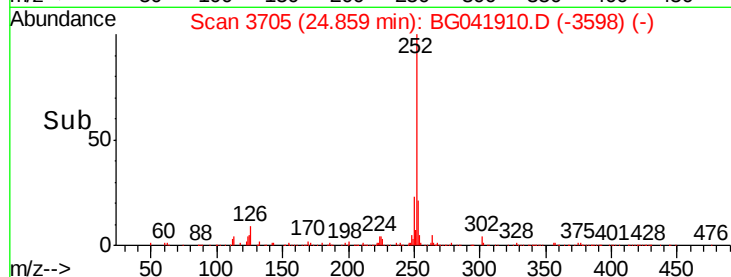
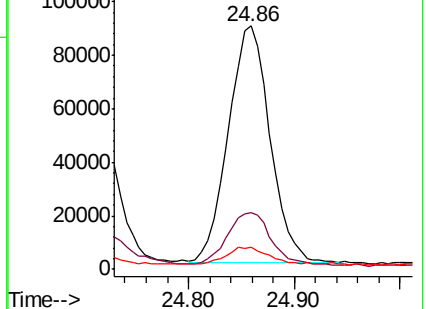
125 8.9 6.5 9.7



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 3.639 ng/ul

RT: 28.75 min Scan# 4368

Delta R.T. 0.05 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

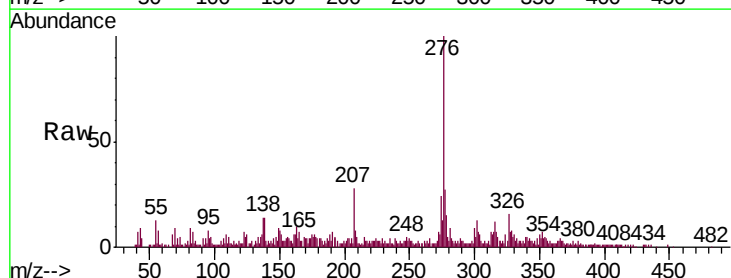
Tgt Ion:276 Resp: 158280

Ion Ratio Lower Upper

276 100

138 14.2 12.0 18.0

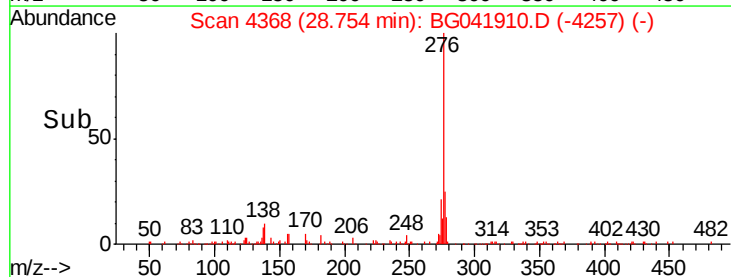
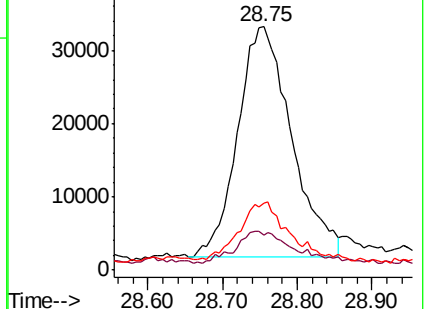
277 27.3 19.2 28.8

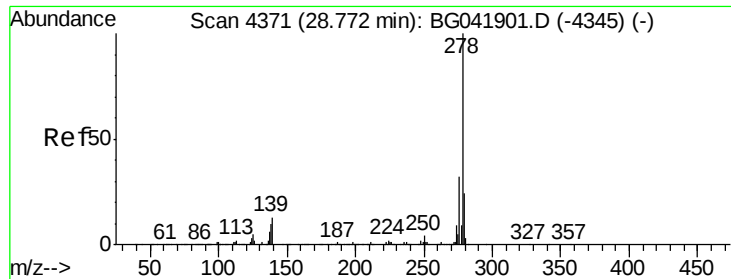


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 0.216 ng/ul

RT: 28.81 min Scan# 4378

Delta R.T. 0.04 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Instrument :

BNA_G

ClientSampleId :

BENS2

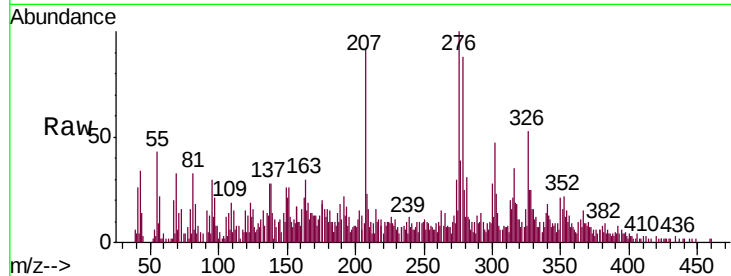
Tgt Ion:278 Resp: 7660

Ion Ratio Lower Upper

278 100

139 15.9 9.4 14.0#

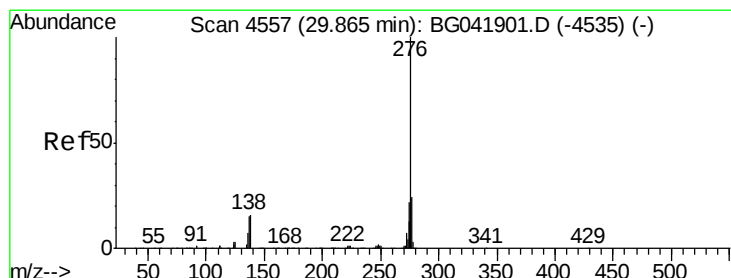
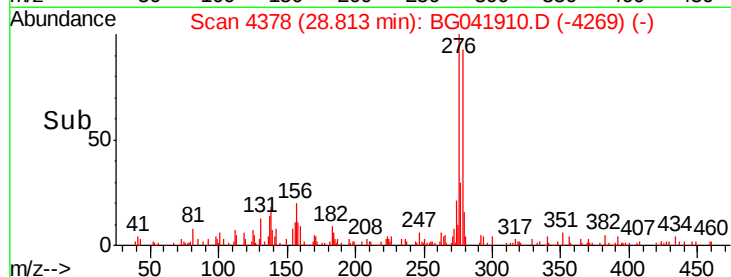
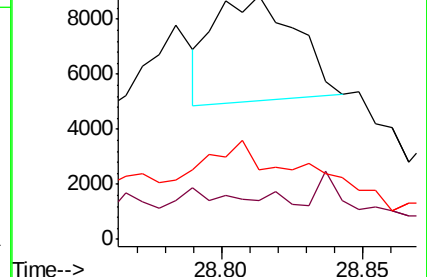
279 28.5 19.2 28.8



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



#93

Benzo(g,h,i)perylene

Concen: 3.704 ng/ul

RT: 29.92 min Scan# 4567

Delta R.T. 0.06 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

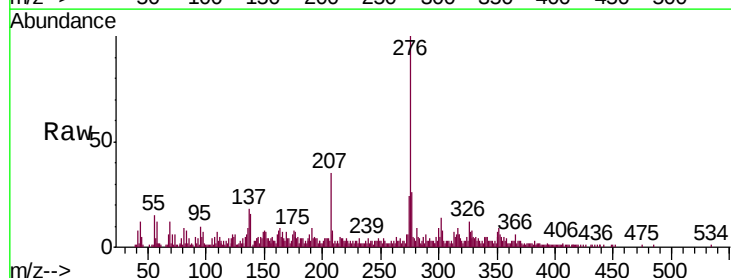
Tgt Ion:276 Resp: 134493

Ion Ratio Lower Upper

276 100

138 15.8 12.6 18.8

277 25.9 19.2 28.8



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

