

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
 Data File : BG043957.D
 Acq On : 7 Jan 2020 16:41
 Operator : JU
 Sample : K6463-02 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 07 17:17:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	163696	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	677218	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	414120	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	848835	20.00	ng	0.00
76) Chrysene-d12	21.58	240	730717	20.00	ng	0.00
87) Perylene-d12	24.71	264	830736	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	508248	57.01	ng	0.00
7) Phenol-d6	7.13	99	709068	56.90	ng	0.00
23) Nitrobenzene-d5	9.11	82	406059	32.08	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	219319	50.61	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	756623	33.10	ng	0.00
79) Terphenyl-d14	19.95	244	984361	23.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	407	0.105	ng	# 58
3) Pyridine	3.87	79	1262	0.110	ng	# 6
4) n-Nitrosodimethylamine	3.76	42	391	0.076	ng	# 1
6) Aniline	7.29	93	2344	0.143	ng	# 93
8) 2-Chlorophenol	7.51	128	74	0.007	ng	# 1
9) Benzaldehyde	7.10	77	209	0.026	ng	# 51
10) Phenol	7.15	94	19567	1.524	ng	# 94
11) bis(2-Chloroethyl)ether	7.37	93	113	0.010	ng	# 21
12) 1,3-Dichlorobenzene	7.96	146	54	0.004	ng	# 1
13) 1,4-Dichlorobenzene	8.00	146	425	0.035	ng	# 62
14) 1,2-Dichlorobenzene	8.00	146	425	0.037	ng	# 61
15) Benzyl Alcohol	8.28	79	6669	0.678	ng	# 40
16) 2,2'-oxybis(1-Chloropropan	8.49	45	238	0.014	ng	# 68
17) 2-Methylphenol	8.29	107	100	0.011	ng	# 1
18) Hexachloroethane	8.71	117	56	0.012	ng	# 1
19) n-Nitroso-di-n-propylamine	9.11	70	52304	5.636	ng	# 75
20) 3+4-Methylphenols	8.72	107	181	0.014	ng	# 20
22) Acetophenone	8.78	105	472	0.028	ng	# 54
24) Nitrobenzene	9.17	77	63	0.005	ng	# 37
25) Isophorone	9.64	82	135	0.006	ng	# 65
26) 2-Nitrophenol	10.11	139	82	0.014	ng	# 36
27) 2,4-Dimethylphenol	10.01	122	114	0.013	ng	# 4
28) bis(2-Chloroethoxy)methane	10.12	93	61	0.004	ng	# 48
29) 2,4-Dichlorophenol	10.41	162	53	0.005	ng	# 1
30) 1,2,4-Trichlorobenzene	10.20	180	57	0.005	ng	# 13
31) Naphthalene	10.81	128	5778	0.176	ng	# 88
32) Benzoic acid	10.04	122	53	6.268	ng	# 1
33) 4-Chloroaniline	10.92	127	1336	0.085	ng	# 83
35) Caprolactam	11.80	113	53	0.013	ng	# 49
36) 4-Chloro-3-methylphenol	12.04	107	63	0.006	ng	# 18
37) 2-Methylnaphthalene	12.41	142	2339	0.095	ng	# 95
38) 1-Methylnaphthalene	12.64	142	1807	0.077	ng	# 88
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	55	0.005	ng	# 1
41) Hexachlorocyclopentadiene	12.27	237	67	0.011	ng	# 28

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

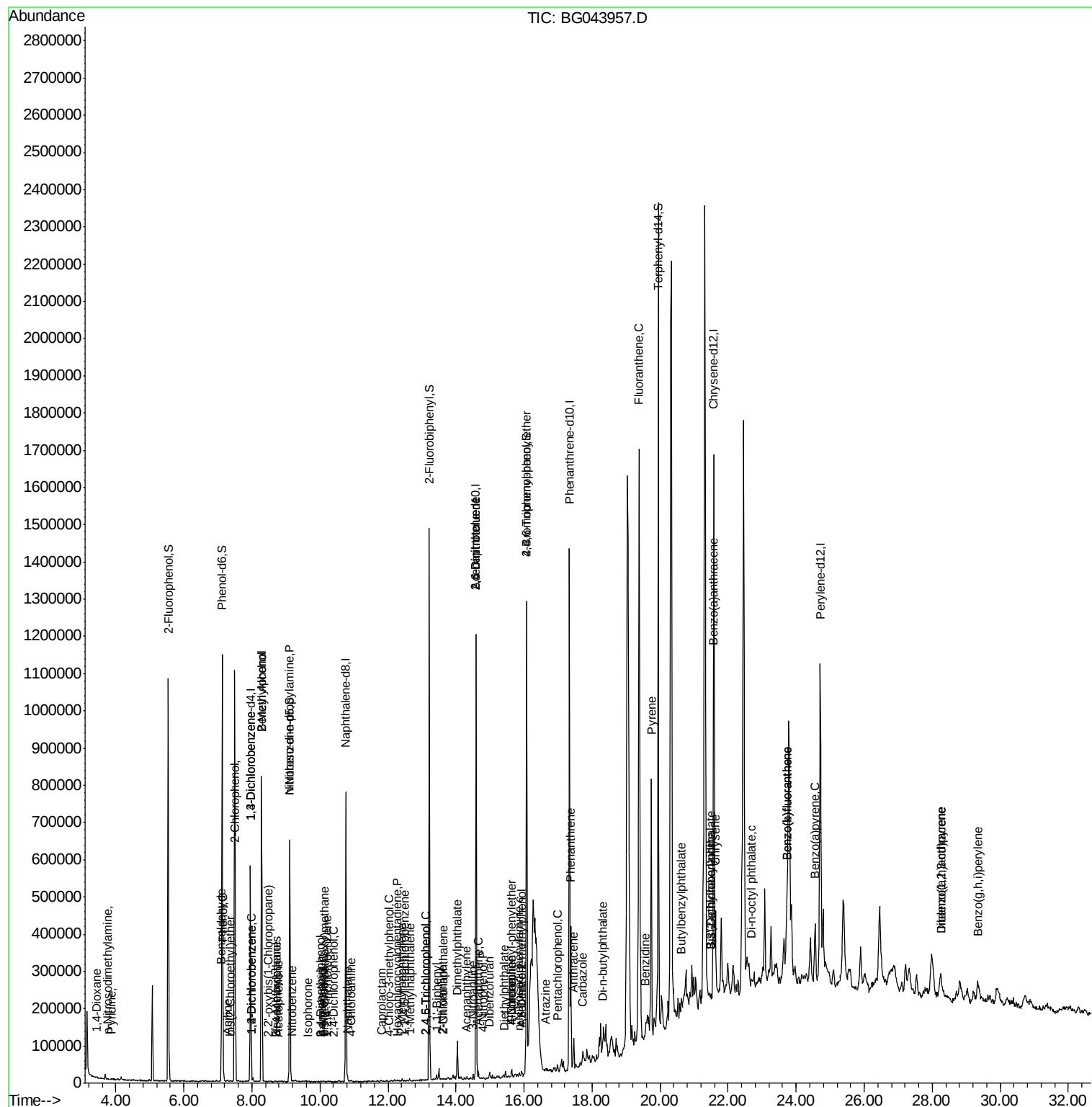
43) 2,4,6-Trichlorophenol	13.10	196	63	0.008	ng	# 12
44) 2,4,5-Trichlorophenol	13.10	196	63	0.007	ng	# 10
46) 1,1'-Biphenyl	13.42	154	2281	0.077	ng	91
47) 2-Chloronaphthalene	13.62	162	61	0.003	ng	# 27
48) 2-Nitroaniline	13.61	65	60	0.008	ng	# 3
49) Acenaphthylene	14.31	152	4525	0.131	ng	# 83
50) Dimethylphthalate	14.04	163	73337	2.494	ng	95
51) 2,6-Dinitrotoluene	14.59	165	54880	8.258	ng	# 26
52) Acenaphthene	14.65	154	7943	0.328	ng	93
53) 3-Nitroaniline	14.49	138	74	0.010	ng	# 62
55) Dibenzofuran	14.99	168	6231	0.187	ng	# 95
56) 4-Nitrophenol	14.81	139	228	0.039	ng	# 25
57) 2,4-Dinitrotoluene	14.59	165	54880	6.069	ng	# 27
58) Fluorene	15.63	166	8185	0.310	ng	82
60) Diethylphthalate	15.41	149	960	0.033	ng	# 49
61) 4-Chlorophenyl-phenylether	15.64	204	71	0.005	ng	# 28
62) 4-Nitroaniline	15.63	138	173	0.023	ng	# 17
63) Azobenzene	15.93	77	921	0.034	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.94	198	57	4.402	ng	# 1
66) n-Nitrosodiphenylamine	15.84	169	1254	0.050	ng	# 83
67) 4-Bromophenyl-phenylether	16.07	248	15445	1.618	ng	# 1
69) Atrazine	16.63	200	72	0.009	ng	# 10
70) Pentachlorophenol	16.99	266	66	0.012	ng	# 18
71) Phenanthrene	17.37	178	231370	5.683	ng	95
72) Anthracene	17.46	178	50318	1.251	ng	95
73) Carbazole	17.73	167	12883	0.347	ng	# 93
74) Di-n-butylphthalate	18.30	149	7101	0.150	ng	# 94
75) Fluoranthene	19.38	202	396574	8.517	ng	96
77) Benzidine	19.56	184	544	0.030	ng	# 1
78) Pyrene	19.74	202	378675	7.939	ng	92
80) Butylbenzylphthalate	20.63	149	667	0.029	ng	# 58
81) Benzo(a)anthracene	21.56	228	191615	4.229	ng	93
82) 3,3'-Dichlorobenzidine	21.49	252	258	0.014	ng	# 47
83) Chrysene	21.63	228	161389	3.749	ng	95
84) Bis(2-ethylhexyl)phthalate	21.49	149	10707	0.342	ng	92
85) Di-n-octyl phthalate	22.67	149	3194	0.061	ng	# 74
86) Indeno(1,2,3-cd)pyrene	28.25	276	102899	1.759	ng	96
88) Benzo(b)fluoranthene	23.72	252	230702	4.698	ng	97
89) Benzo(k)fluoranthene	23.72	252	230702	4.940	ng	98
90) Benzo(a)pyrene	24.56	252	165631	3.573	ng	97
91) Dibenzo(a,h)anthracene	28.28	278	11260	0.242	ng	# 79
92) Benzo(g,h,i)perylene	29.34	276	106426	2.302	ng	97

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

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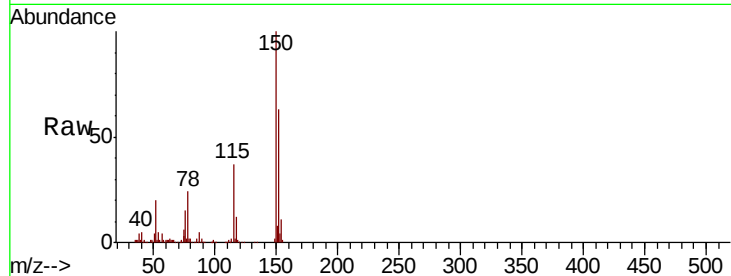


#1

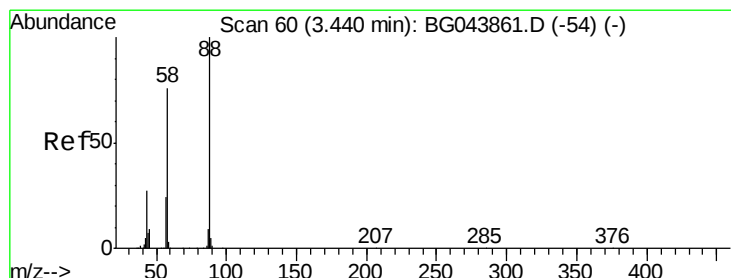
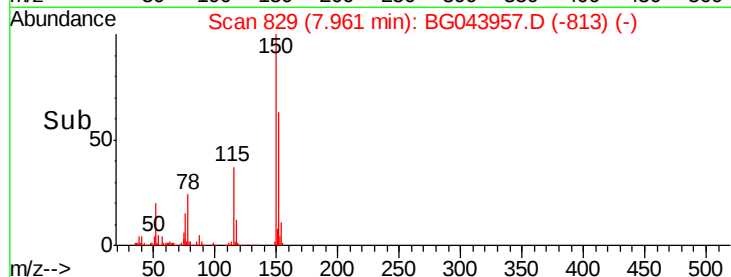
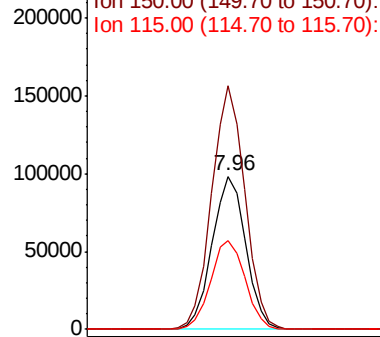
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 163696
Ion Ratio Lower Upper
152 100
150 159.4 127.0 190.4
115 58.3 47.8 71.8



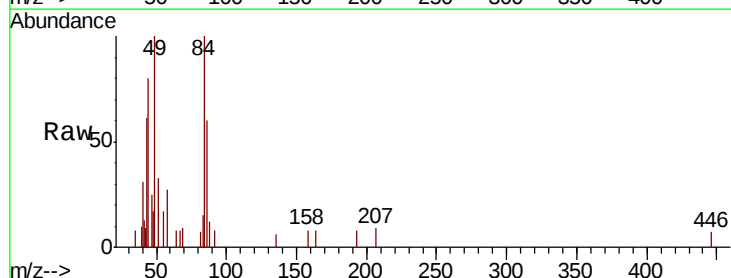
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



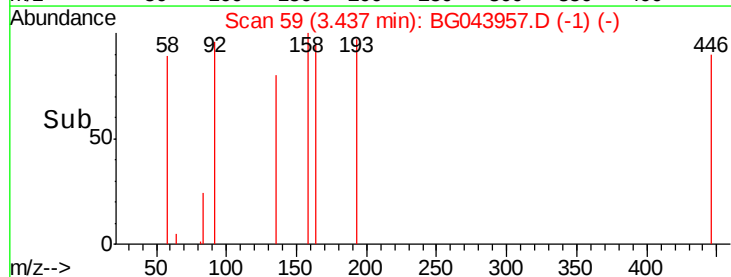
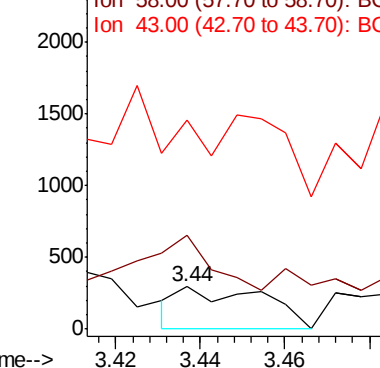
#2

1,4-Dioxane
Concen: 0.105 ng
RT: 3.44 min Scan# 59
Delta R.T. -0.00 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Tgt Ion: 88 Resp: 407
Ion Ratio Lower Upper
88 100
58 107.1 59.8 89.8#
43 0.0 22.9 34.3#



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





#3

Pvridine

Concen: 0.110 ng

RT: 3.87 min Scan# 133

Delta R.T. 0.04 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

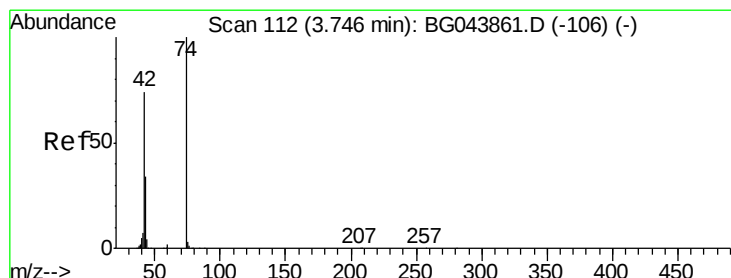
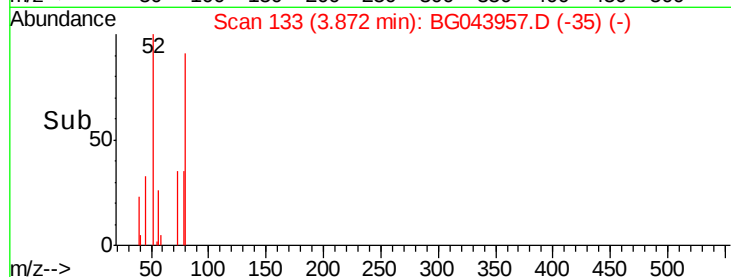
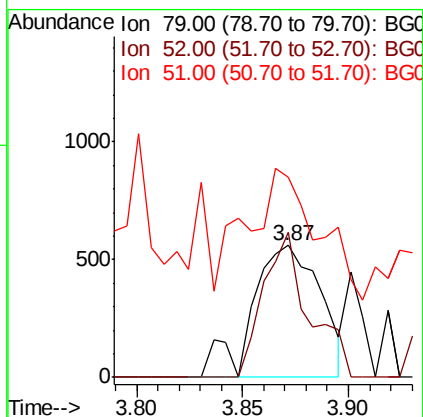
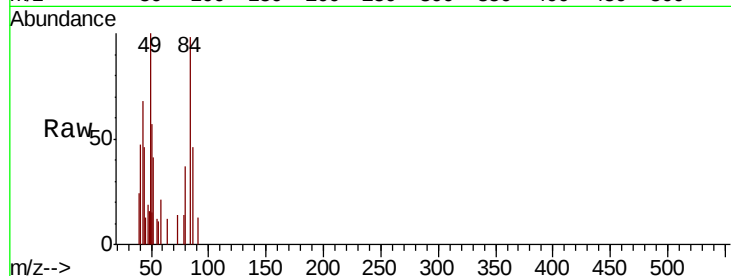
Tot Ion: 79 Resp: 1262

Ion Ratio Lower Upper

79 100

52 109.8 58.9 88.3#

51 151.6 28.6 43.0#



#4

n-Nitrosodimethylamine

Concen: 0.076 ng

RT: 3.76 min Scan# 114

Delta R.T. 0.01 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

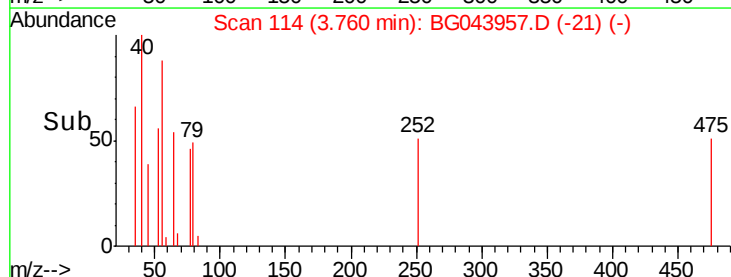
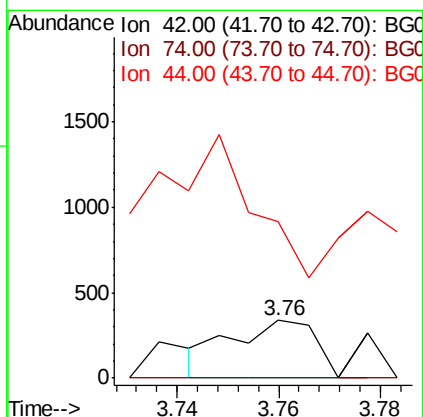
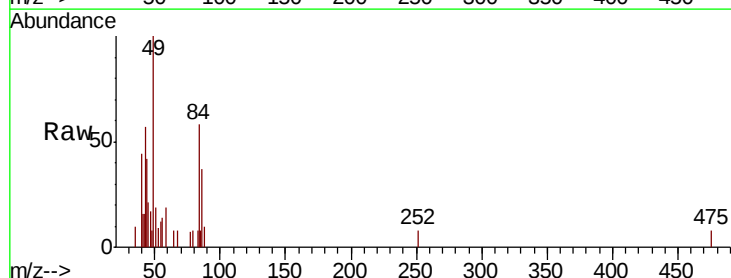
Tgt Ion: 42 Resp: 391

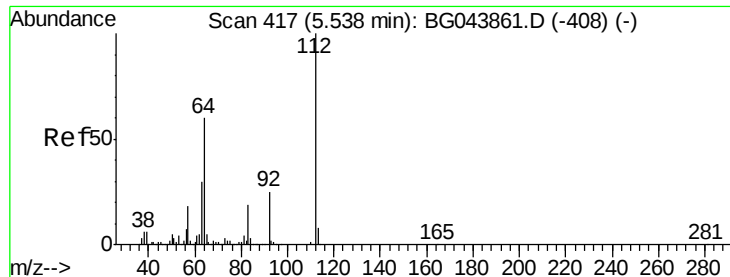
Ion Ratio Lower Upper

42 100

74 0.0 108.6 162.8#

44 269.9 5.0 7.6#





#5

2-Fluorophenol

Concen: 57.008 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

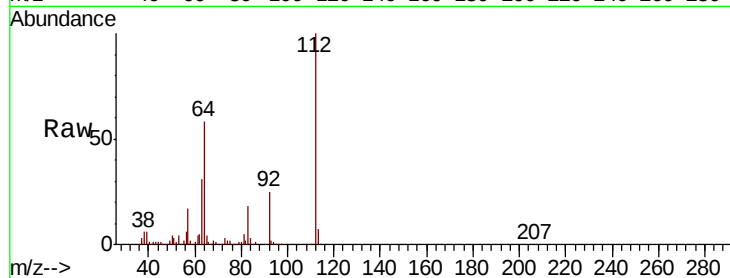
Tot Ion:112 Resp: 508248

Ion Ratio Lower Upper

112 100

64 58.5 47.8 71.6

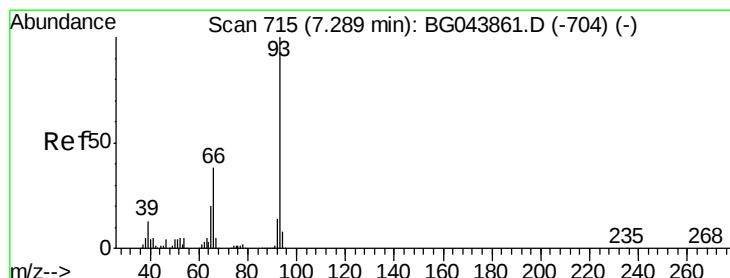
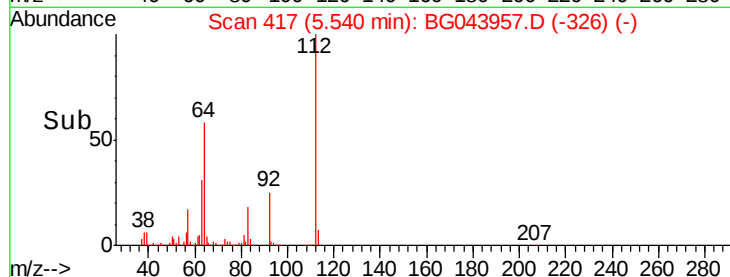
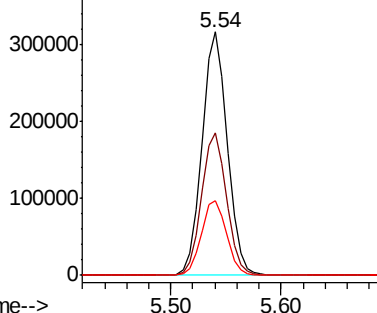
63 30.7 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.143 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

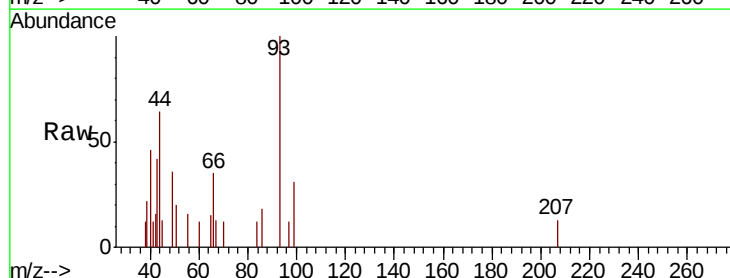
Tgt Ion: 93 Resp: 2344

Ion Ratio Lower Upper

93 100

66 35.3 30.8 46.2

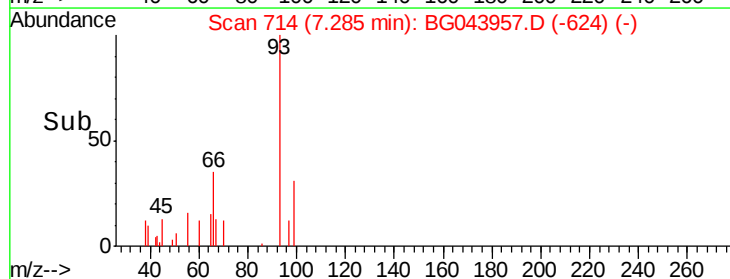
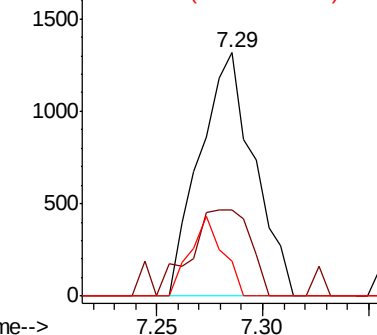
65 14.6 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 56.898 ng

RT: 7.13 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampled :

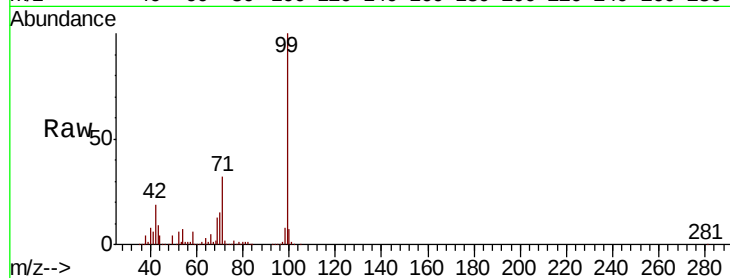
Tot Ion: 99 Resp: 709068

Ion Ratio Lower Upper

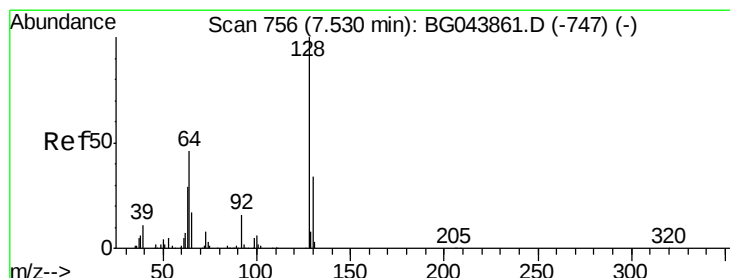
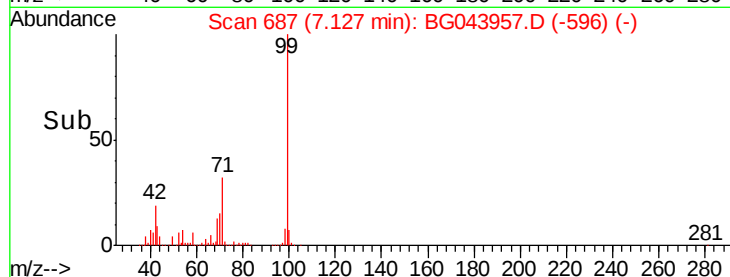
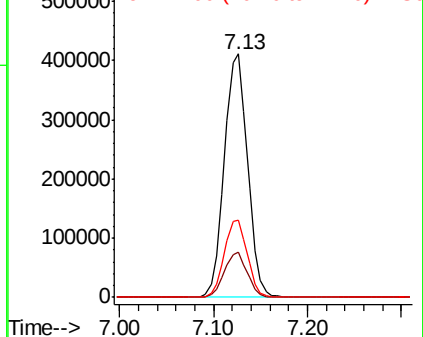
99 100

42 18.6 14.9 22.3

71 31.5 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 0.007 ng

RT: 7.51 min Scan# 753

Delta R.T. -0.02 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

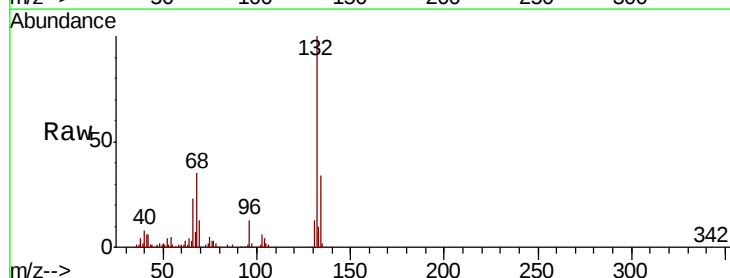
Tgt Ion:128 Resp: 74

Ion Ratio Lower Upper

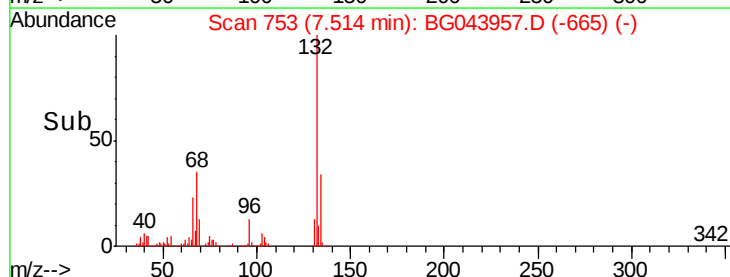
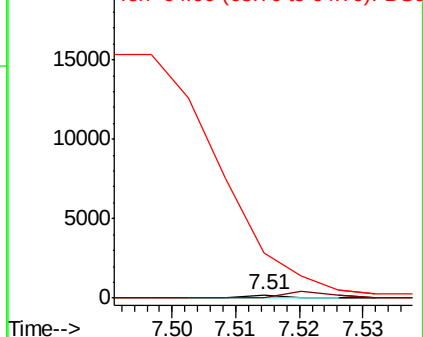
128 100

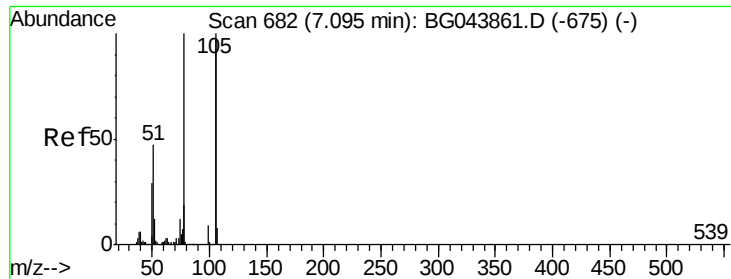
130 0.0 13.8 53.8#

64 1347.9 27.6 67.6#



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





#9

Benzaldehyde

Concen: 0.026 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

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Acq: 7 Jan 2020 16:41

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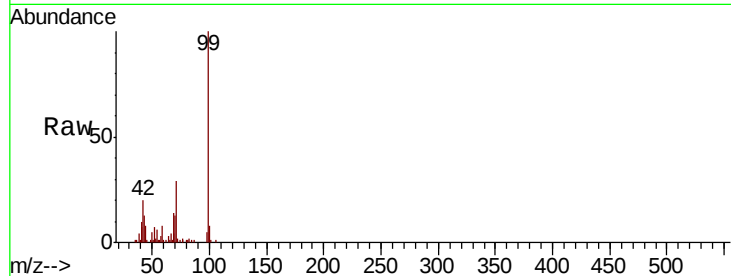
Tot Ion: 77 Resp: 209

Ion Ratio Lower Upper

77 100

105 99.7 80.2 120.2

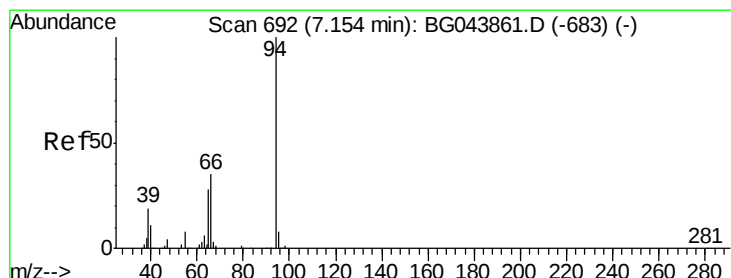
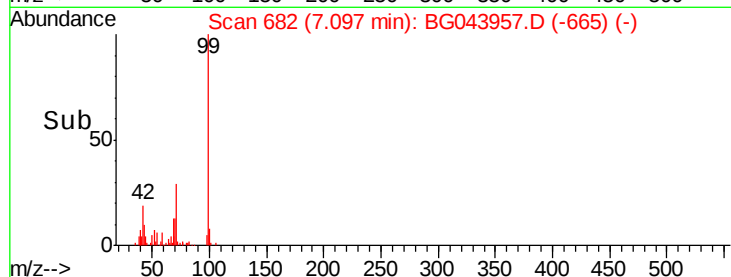
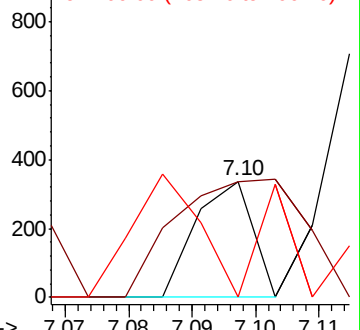
106 0.0 77.2 117.2#



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



#10

Phenol

Concen: 1.524 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

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Acq: 7 Jan 2020 16:41

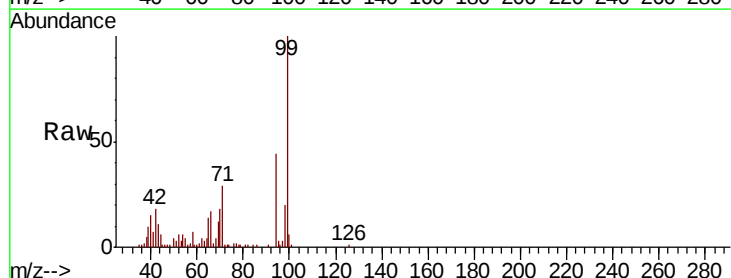
Tgt Ion: 94 Resp: 19567

Ion Ratio Lower Upper

94 100

65 32.7 8.1 48.1

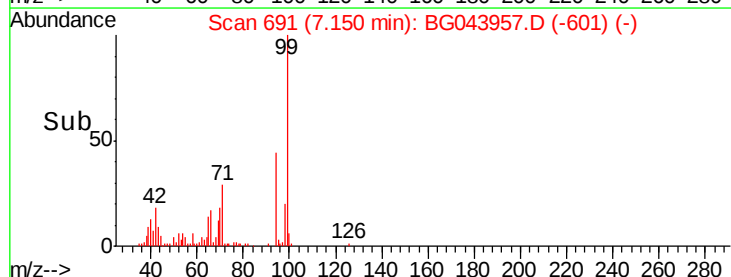
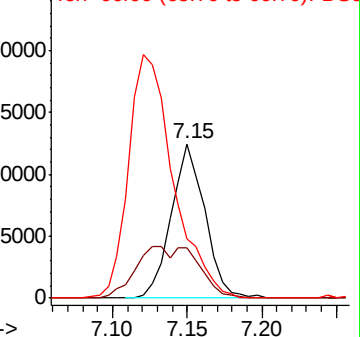
66 38.1 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

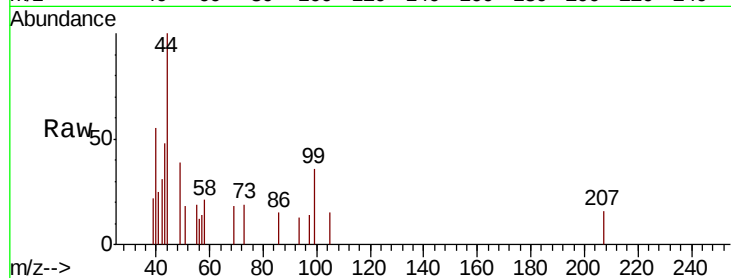




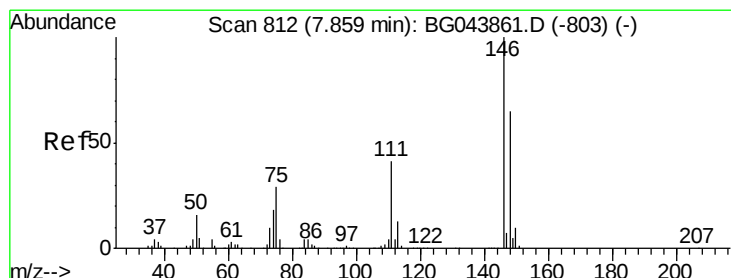
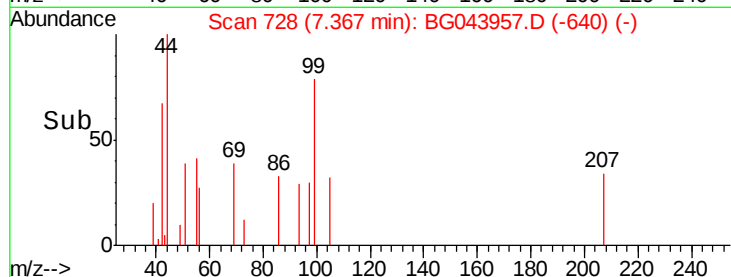
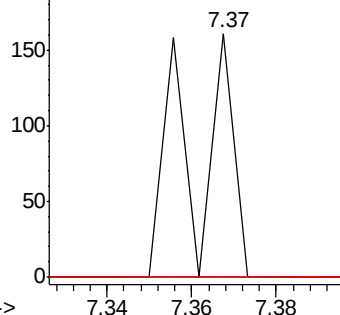
#11
bis(2-Chloroethyl)ether
Concen: 0.010 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.02 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 113
Ion Ratio Lower Upper
93 100
63 0.0 55.0 95.0#
95 0.0 13.3 53.3#

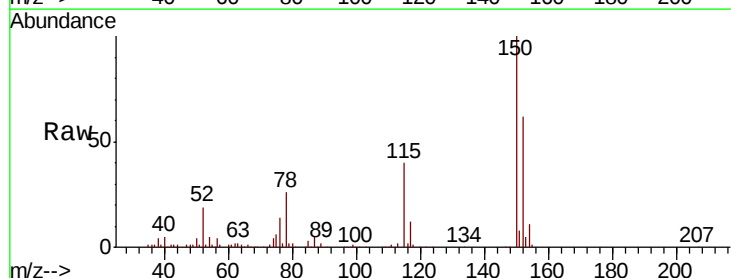


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

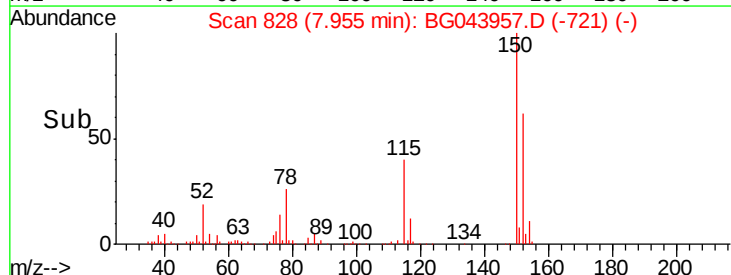
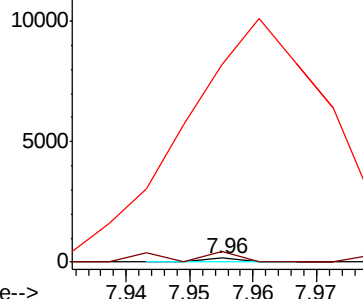


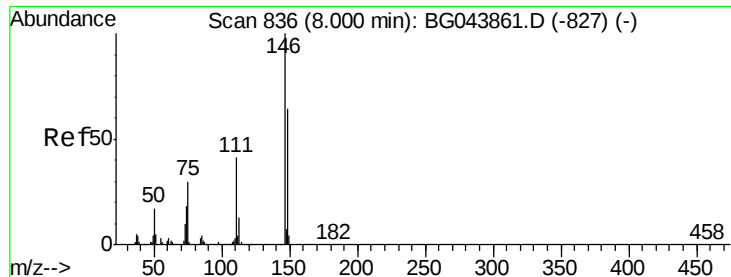
#12
1,3-Dichlorobenzene
Concen: 0.004 ng
RT: 7.96 min Scan# 828
Delta R.T. 0.10 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Tgt Ion: 146 Resp: 54
Ion Ratio Lower Upper
146 100
148 303.9 52.1 78.1#
75 5401.3 23.0 34.4#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

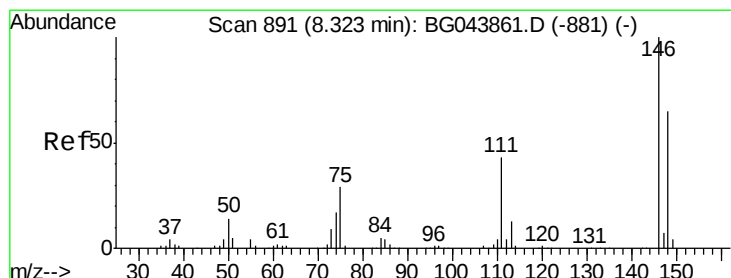
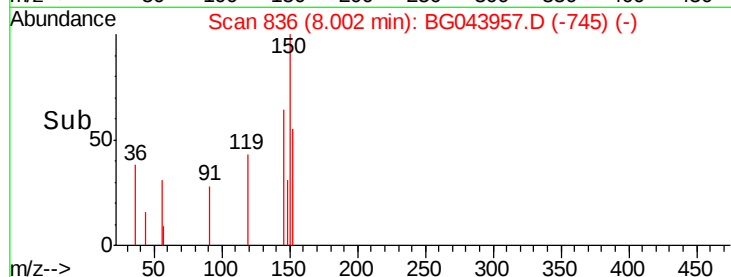
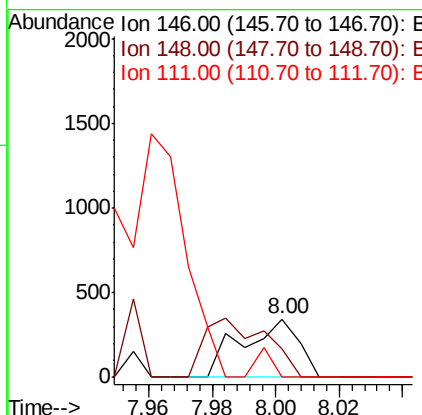
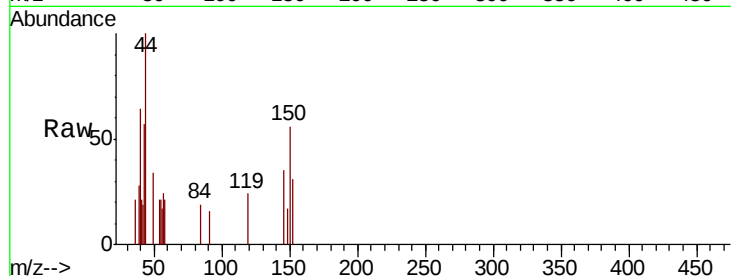




#13
 1,4-Dichlorobenzene
 Concen: 0.035 ng
 RT: 8.00 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BG043957.D
 Acq: 7 Jan 2020 16:41

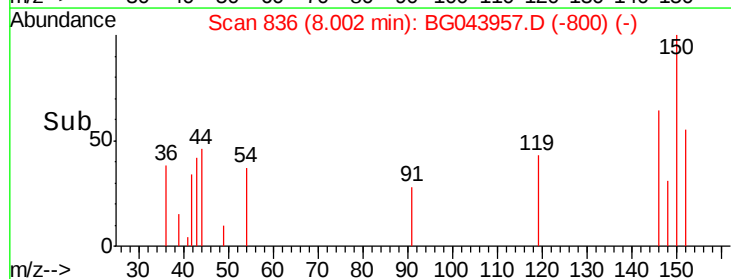
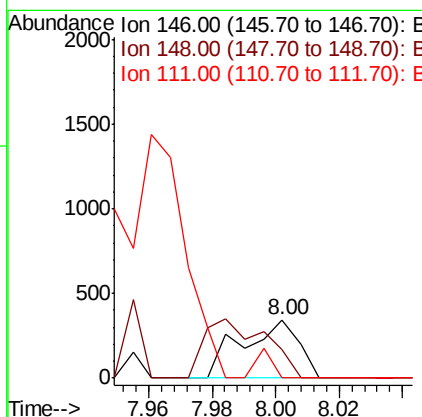
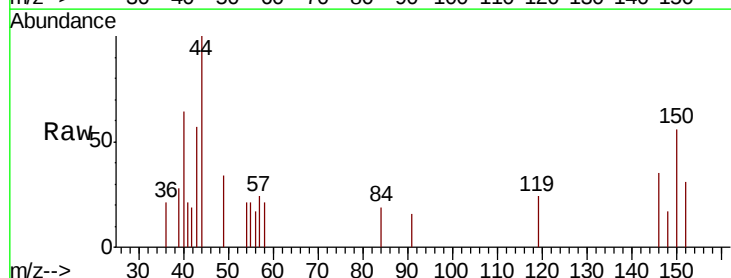
Instrument :
 BNA_G
 ClientSampleId :

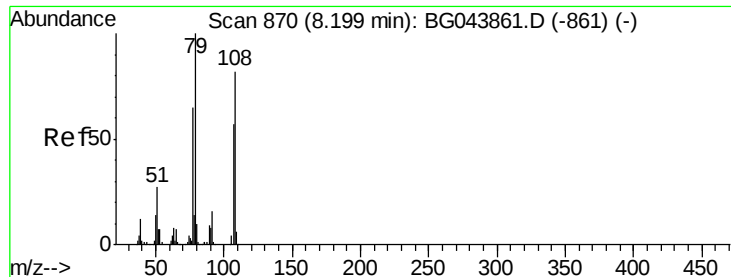
Tot Ion	Ratio	Lower	Upper
146	100		
148	48.1	51.2	76.8#
111	0.0	33.1	49.7#



#14
 1,2-Dichlorobenzene
 Concen: 0.037 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.32 min
 Lab File: BG043957.D
 Acq: 7 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	48.1	51.7	77.5#
111	0.0	34.4	51.6#





#15

Benzyl Alcohol

Concen: 0.678 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.08 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

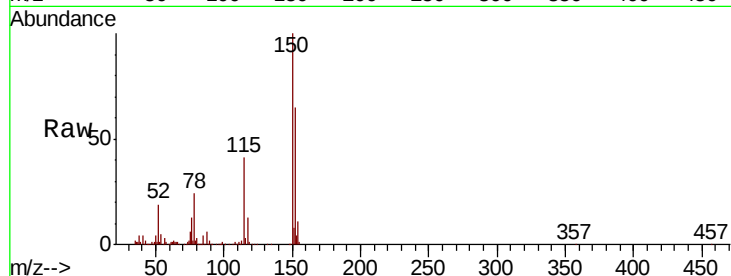
Tot Ion: 79 Resp: 6669

Ion Ratio Lower Upper

79 100

108 38.7 65.6 98.4#

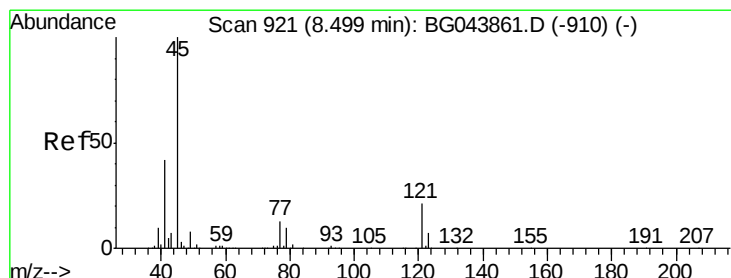
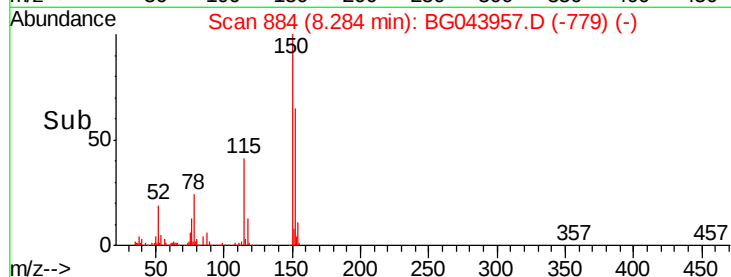
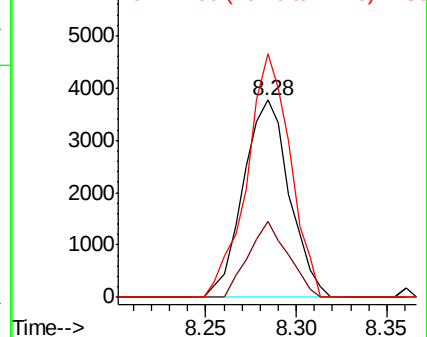
77 123.5 52.0 78.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.014 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

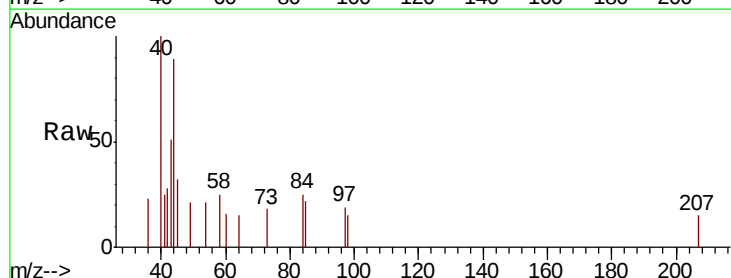
Tgt Ion: 45 Resp: 238

Ion Ratio Lower Upper

45 100

77 0.0 0.0 33.8

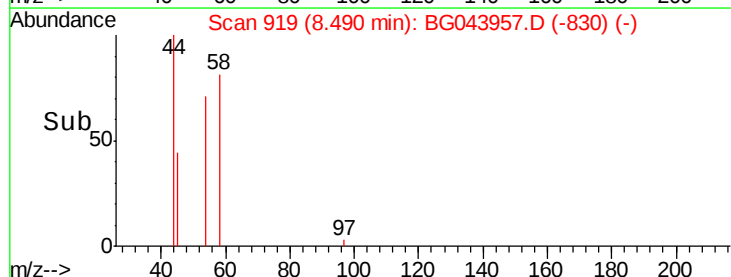
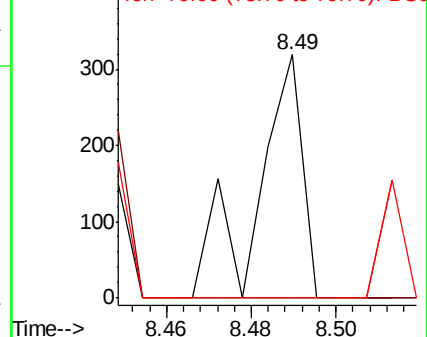
79 0.0 0.0 31.0

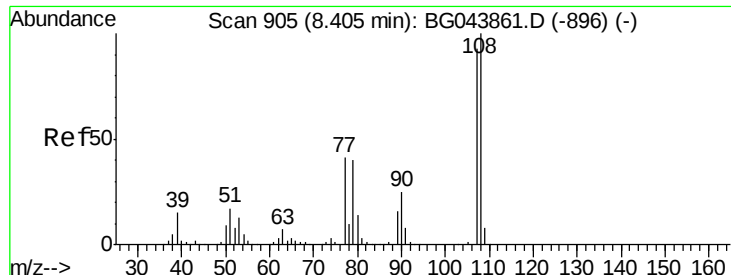


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

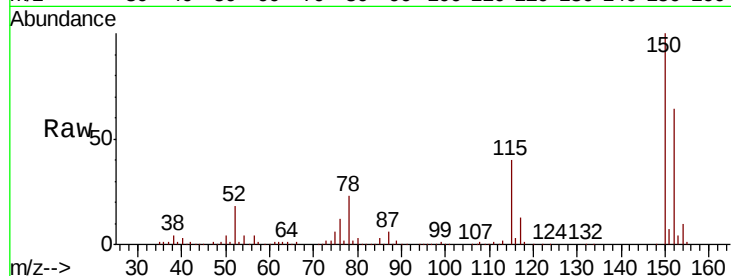




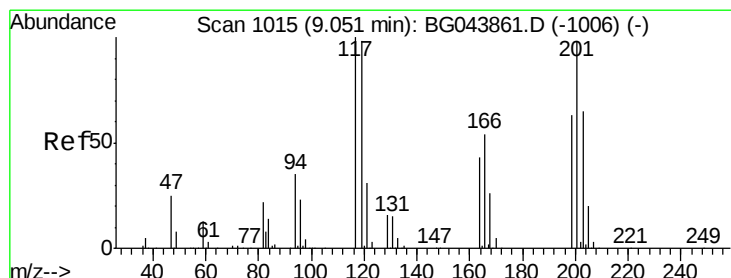
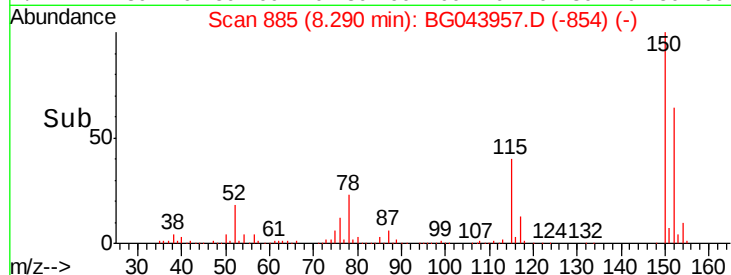
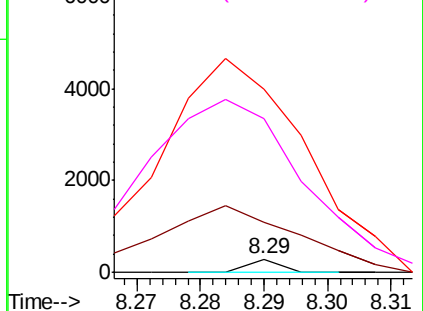
#17
2-Methylphenol
Concen: 0.011 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.12 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 100
Ion Ratio Lower Upper
107 100
108 381.1 86.1 129.1#
77 1400.0 35.4 53.0#
79 1169.8 34.8 52.2#

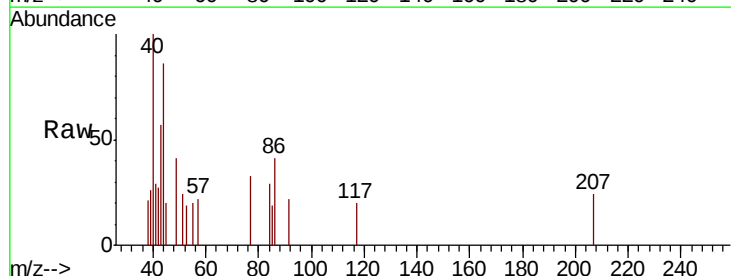


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

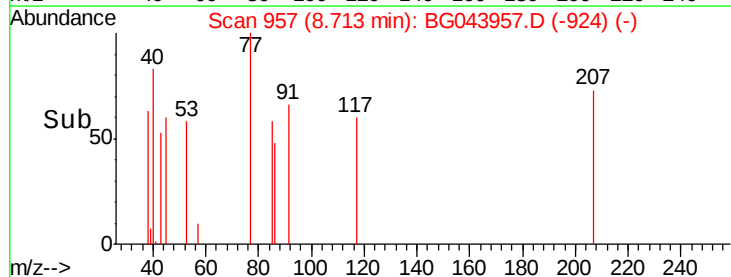
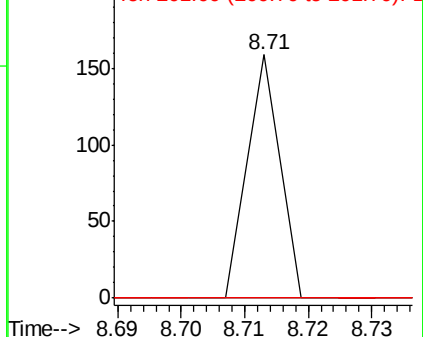


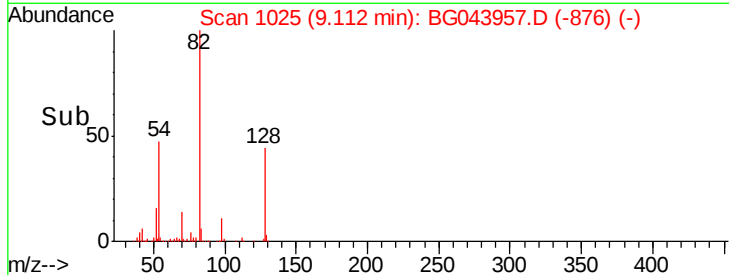
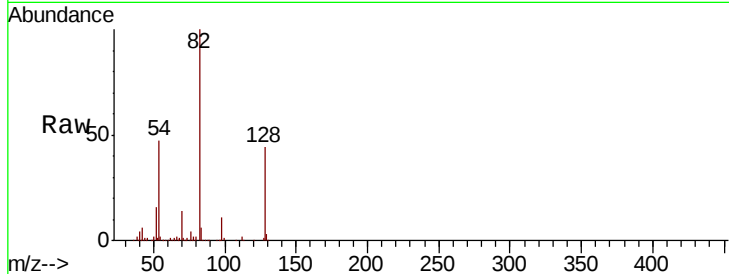
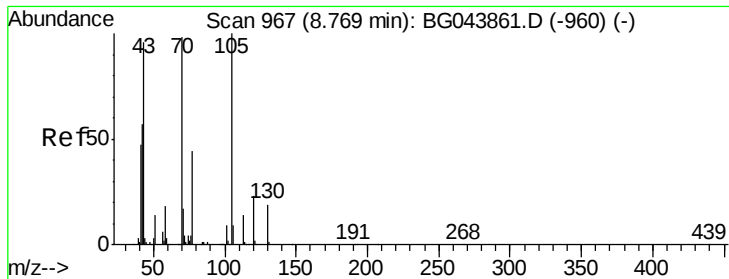
#18
Hexachloroethane
Concen: 0.012 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.34 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Tgt Ion:117 Resp: 56
Ion Ratio Lower Upper
117 100
119 0.0 78.1 117.1#
201 0.0 78.6 117.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

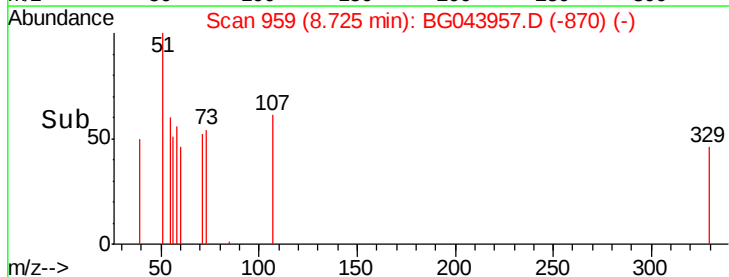
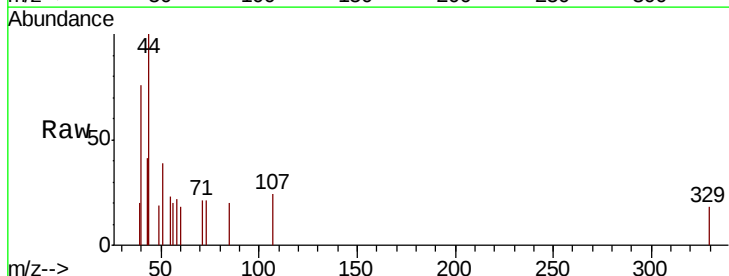
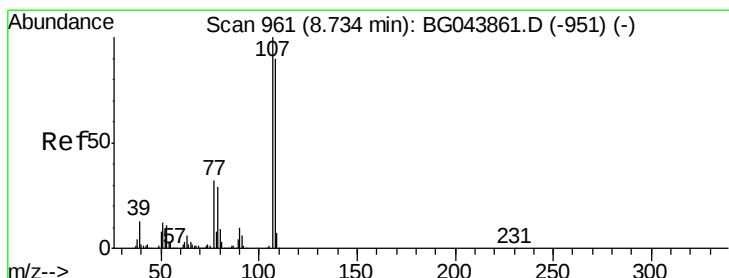
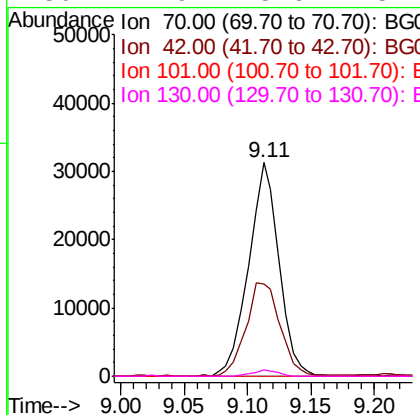




#19
n-Nitroso-di-n-propylamine
Concen: 5.636 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.34 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

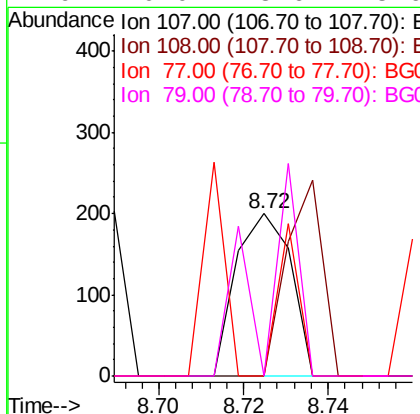
Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 52304
Ion Ratio Lower Upper
70 100
42 42.9 47.0 70.4#
101 0.0 7.2 10.8#
130 2.9 15.6 23.4#



#20
3+4-Methylphenols
Concen: 0.014 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Tgt Ion: 107 Resp: 181
Ion Ratio Lower Upper
107 100
108 0.0 70.3 110.3#
77 0.0 12.4 52.4#
79 0.0 8.6 48.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 677218

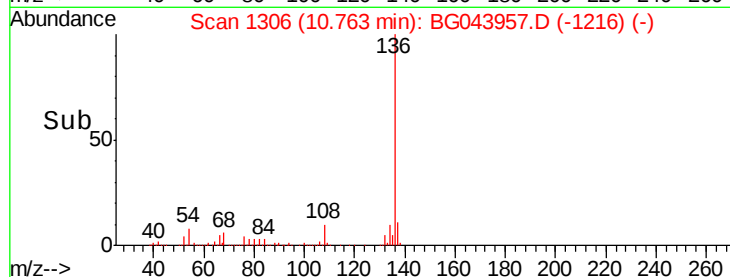
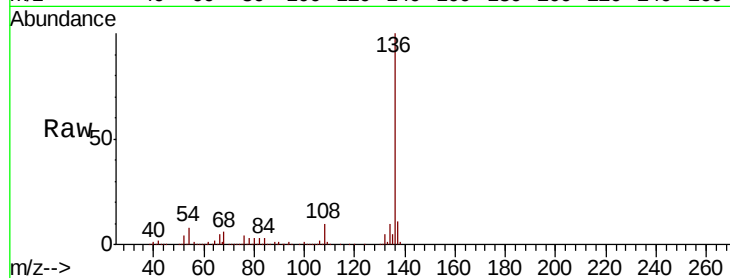
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.2 7.0 10.4

68 5.8 4.9 7.3

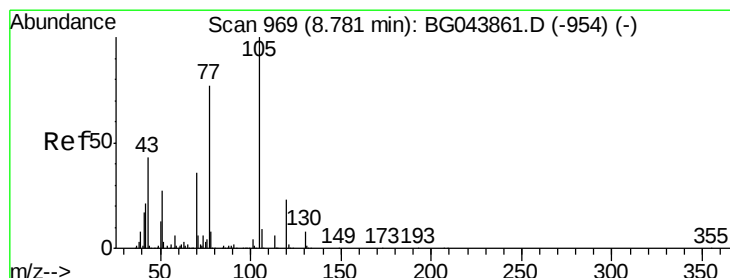
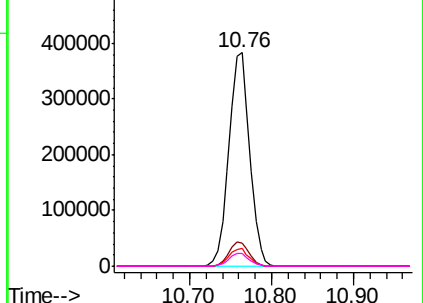


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 0.028 ng

RT: 8.78 min Scan# 969

Delta R.T. 0.00 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Tgt Ion:105 Resp: 472

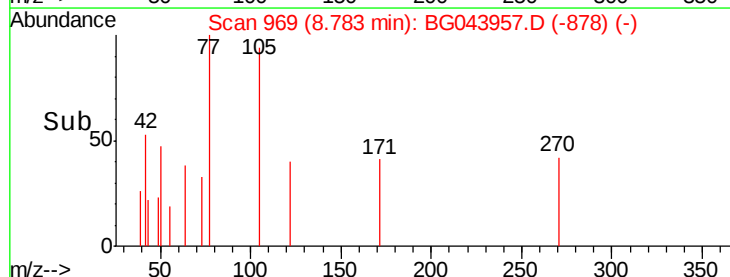
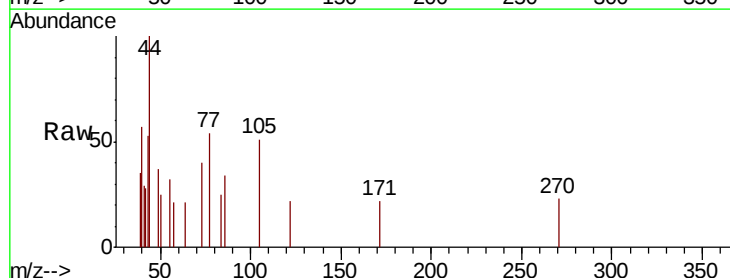
Ion Ratio Lower Upper

105 100

71 0.0 4.8 7.2#

51 0.0 21.4 32.0#

120 0.0 18.6 28.0#

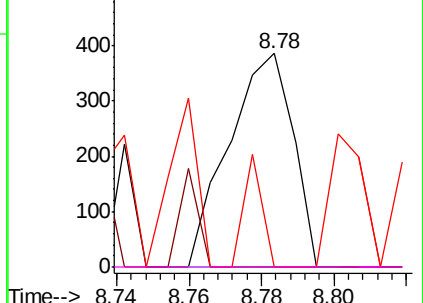


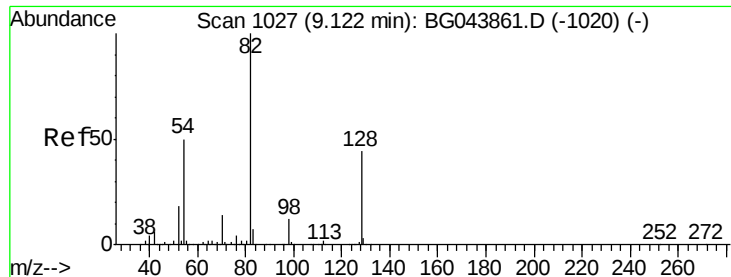
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

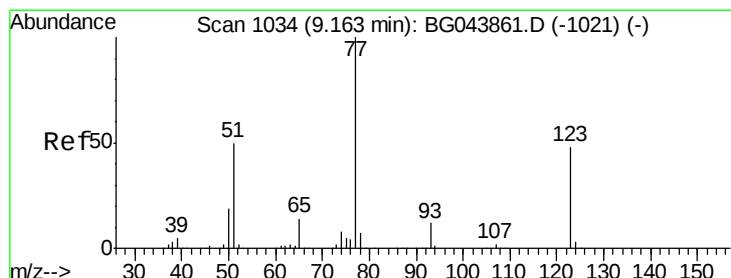
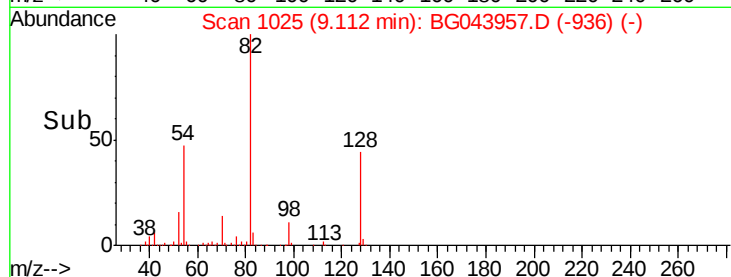
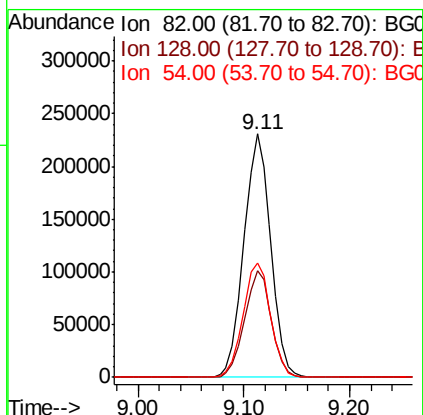
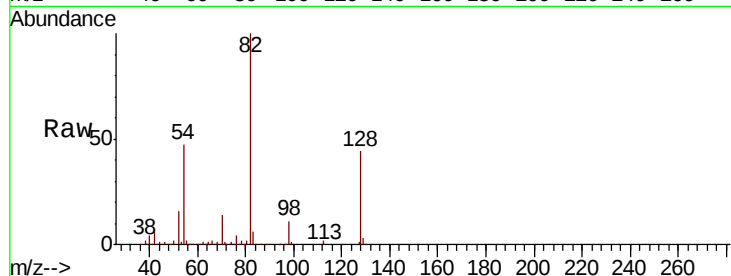




#23
Nitrobenzene-d5
Concen: 32.076 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

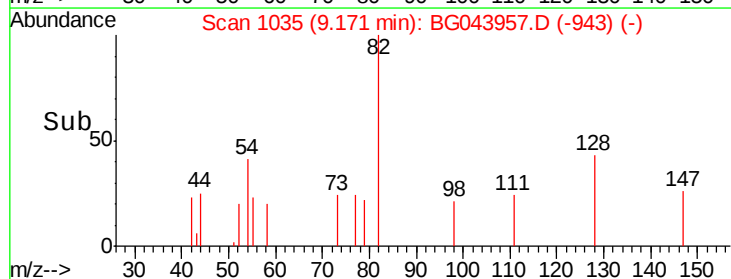
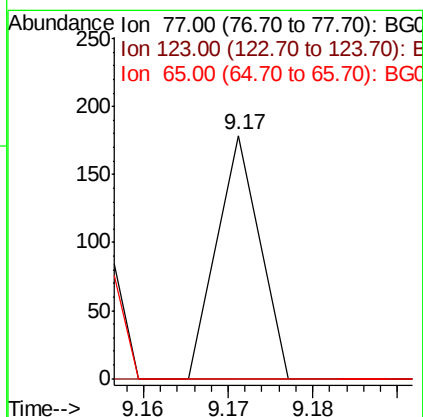
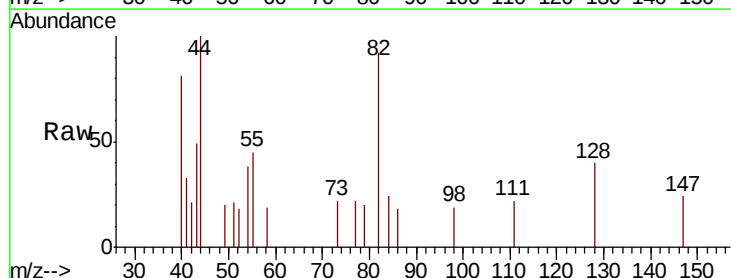
Instrument :
BNA_G
ClientSampleId :

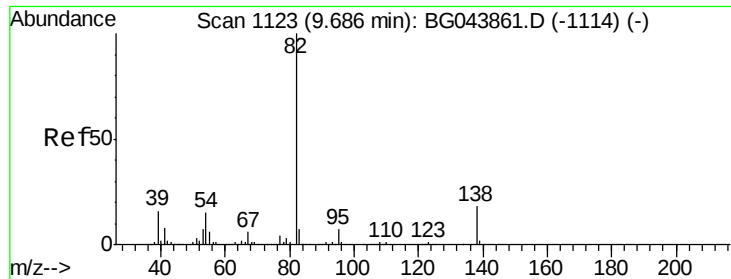
Tot Ion	82	Resp	406059
Ion Ratio	Lower	Upper	
82	100		
128	43.9	35.1	52.7
54	47.1	40.1	60.1



#24
Nitrobenzene
Concen: 0.005 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Tgt Ion	77	Resp	63
Ion Ratio	Lower	Upper	
77	100		
123	0.0	38.7	58.1#
65	0.0	11.1	16.7#





#25

Isophorone

Concen: 0.006 ng

RT: 9.64 min Scan# 1114

Delta R.T. -0.05 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

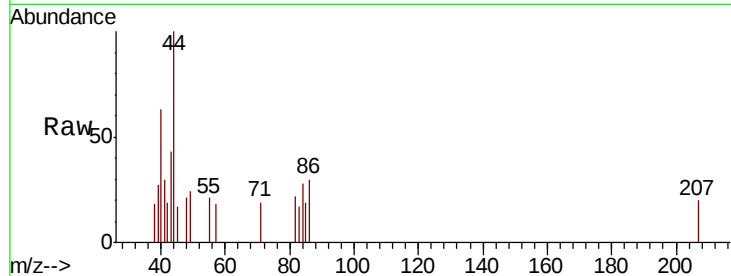
Tot Ion: 82 Resp: 135

Ion Ratio Lower Upper

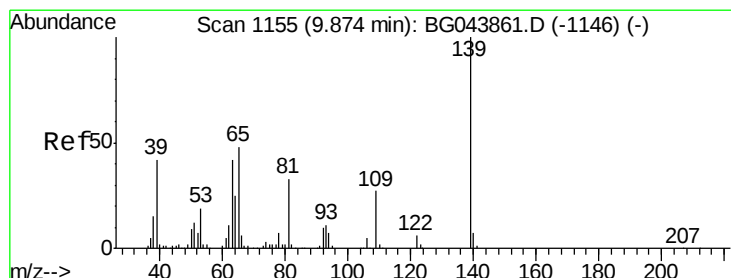
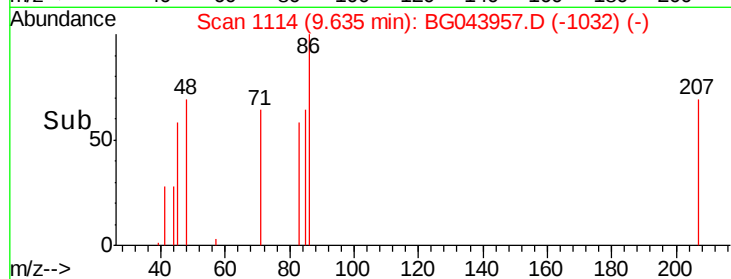
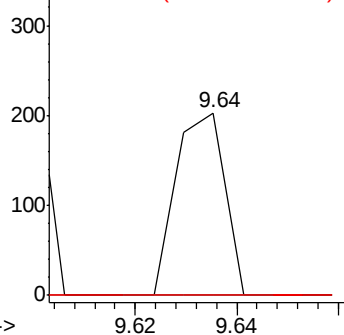
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 22.0#



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



#26

2-Nitrophenol

Concen: 0.014 ng

RT: 10.11 min Scan# 1195

Delta R.T. 0.24 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

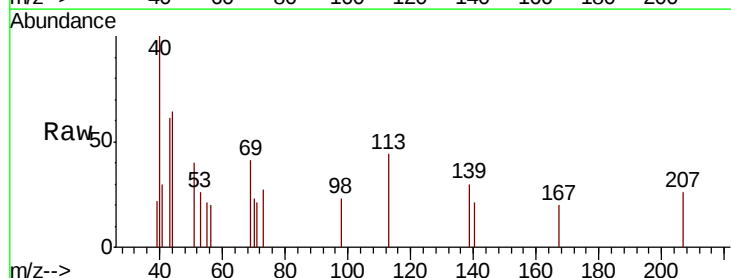
Tgt Ion: 139 Resp: 82

Ion Ratio Lower Upper

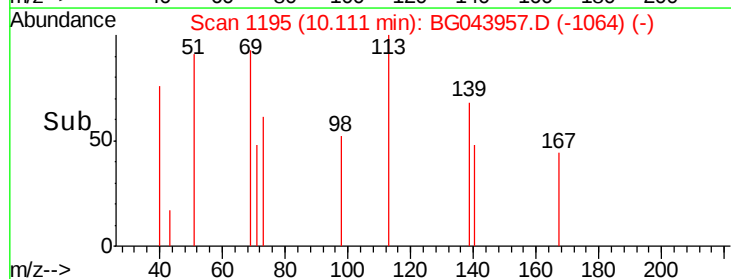
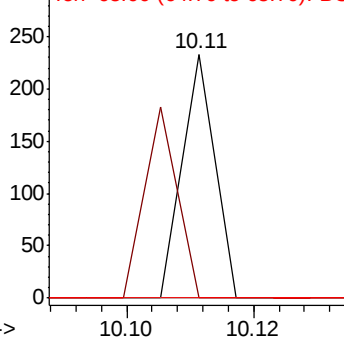
139 100

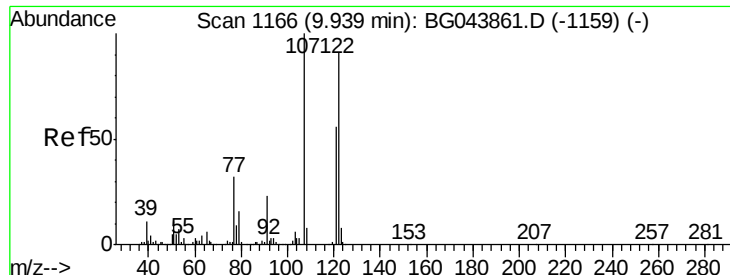
109 0.0 21.3 31.9#

65 0.0 38.6 57.8#



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

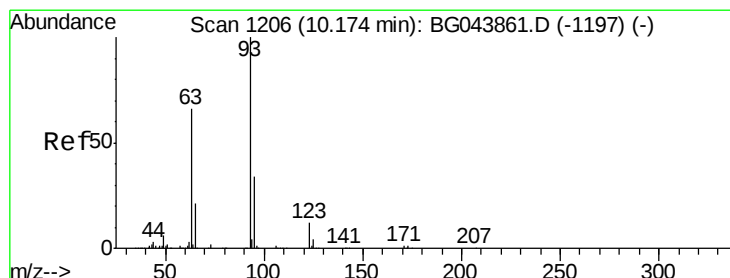
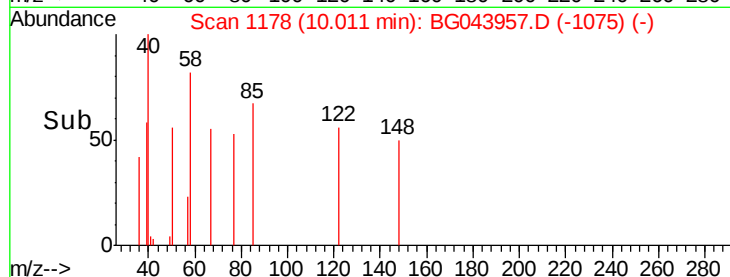
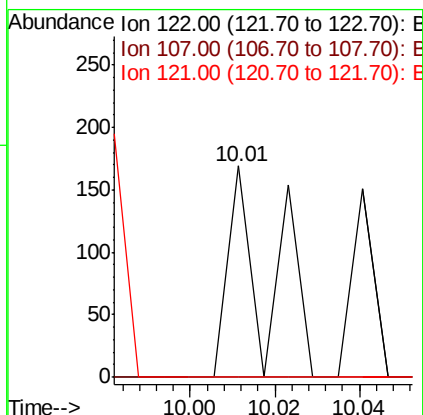
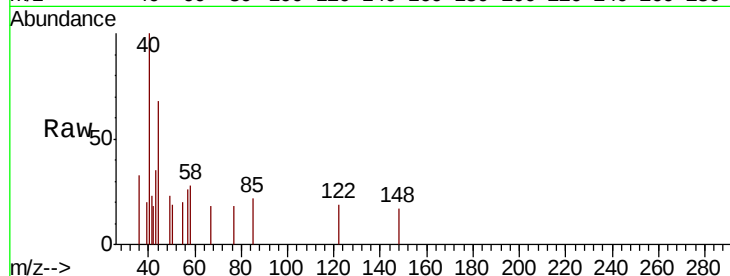




#27
 2,4-Dimethylphenol
 Concen: 0.013 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.07 min
 Lab File: BG043957.D
 Acq: 7 Jan 2020 16:41

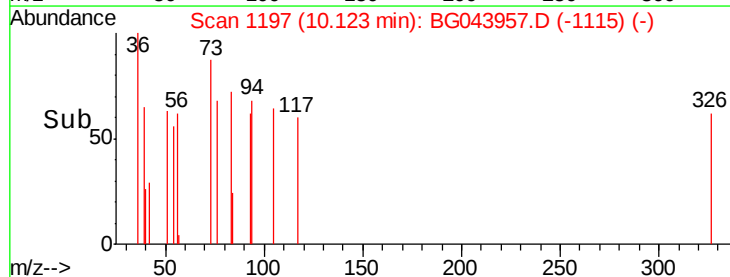
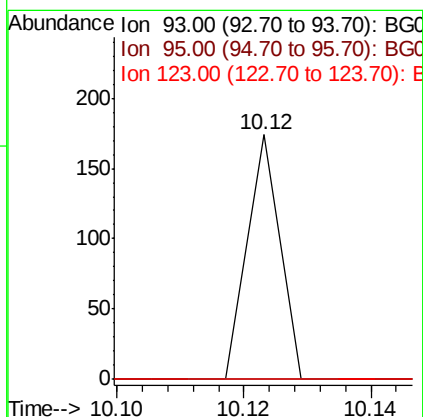
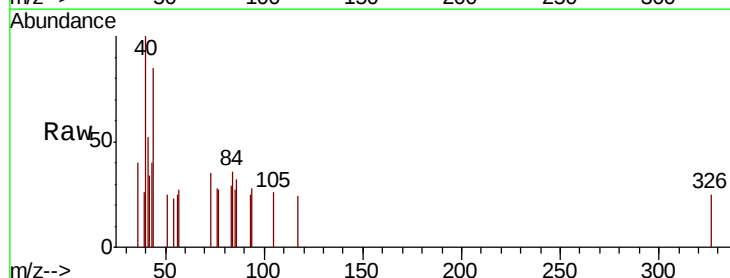
Instrument :
 BNA_G
 ClientSampled :

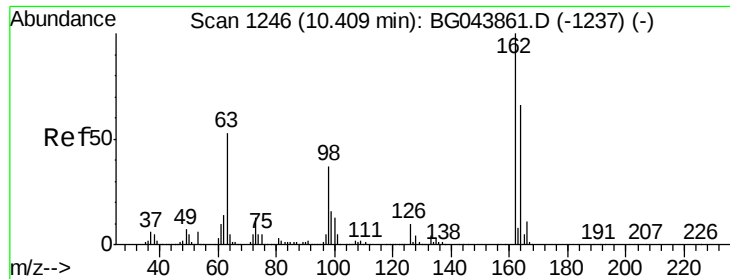
Tot Ion:122 Resp: 114
 Ion Ratio Lower Upper
 122 100
 107 0.0 88.0 132.0#
 121 0.0 49.0 73.4#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.004 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.05 min
 Lab File: BG043957.D
 Acq: 7 Jan 2020 16:41

Tgt Ion: 93 Resp: 61
 Ion Ratio Lower Upper
 93 100
 95 0.0 27.2 40.8#
 123 0.0 9.7 14.5#

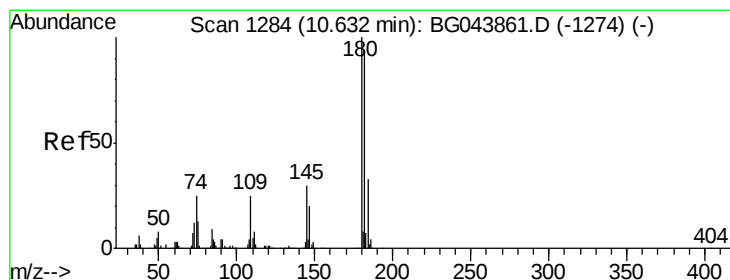
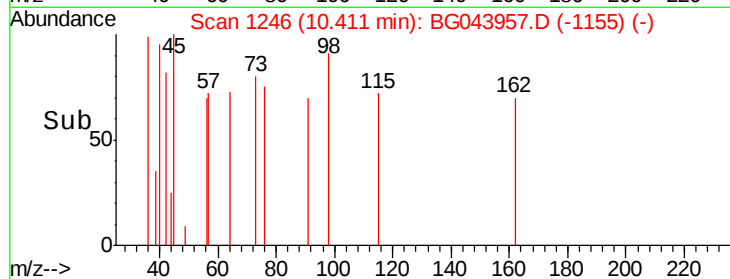
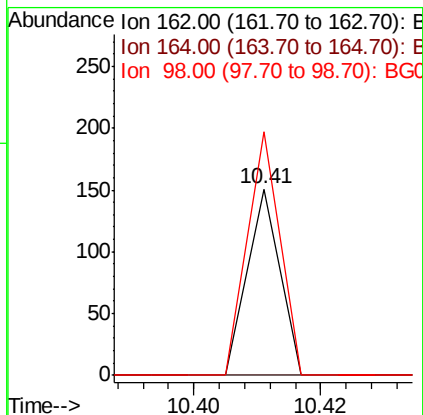
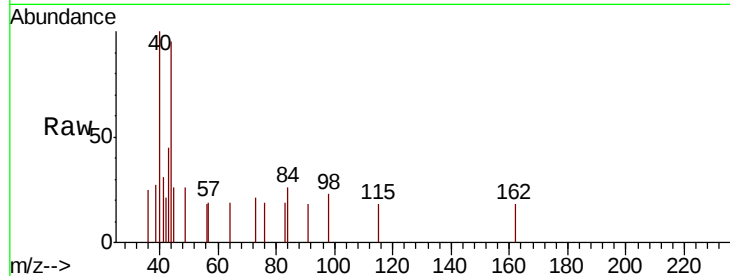




#29
 2,4-Dichlorophenol
 Concen: 0.005 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BG043957.D
 Acq: 7 Jan 2020 16:41

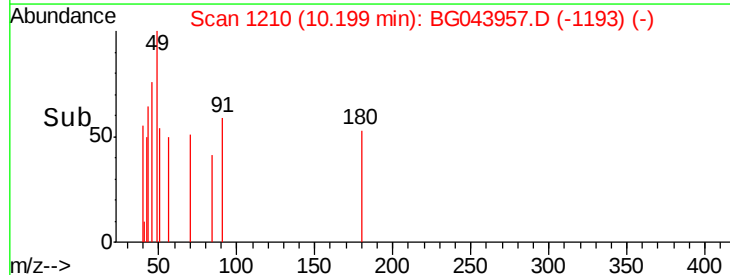
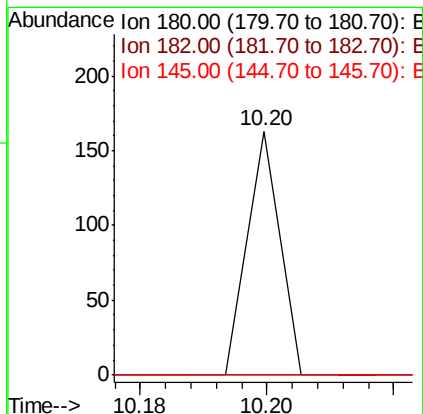
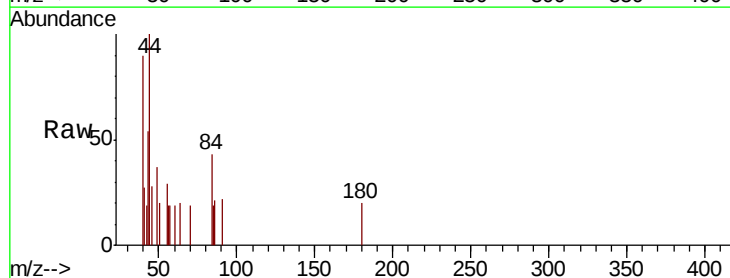
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	0.0	46.3	86.3#
98	130.5	17.3	57.3#



#30
 1,2,4-Trichlorobenzene
 Concen: 0.005 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. -0.43 min
 Lab File: BG043957.D
 Acq: 7 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	75.0	112.4#
145	0.0	24.2	36.4#

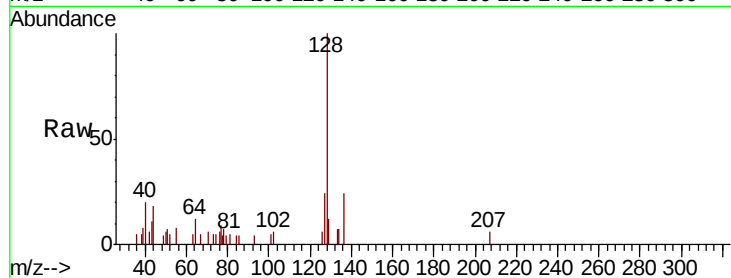




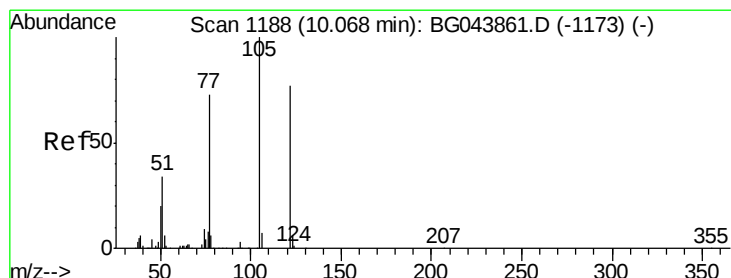
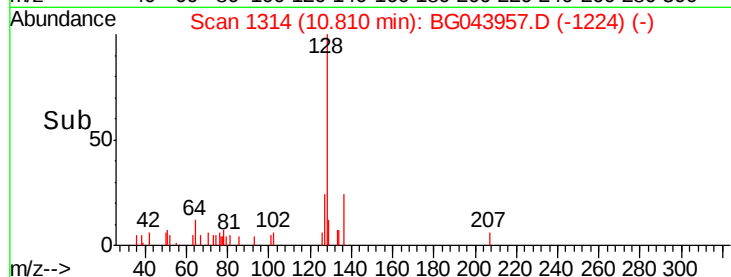
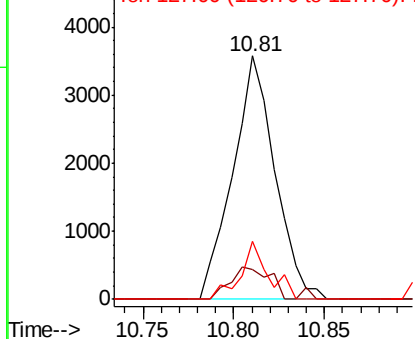
#31
Naphthalene
Concen: 0.176 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 5778
Ion Ratio Lower Upper
128 100
129 12.1 9.8 14.6
127 23.7 12.0 18.0#

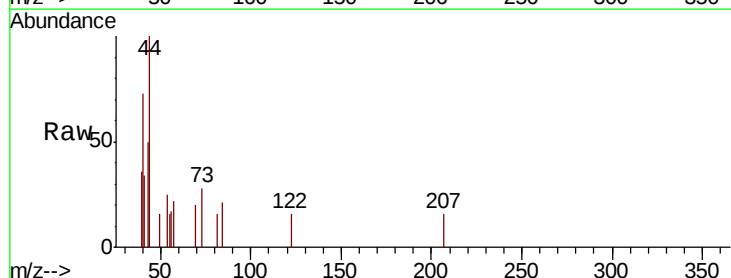


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

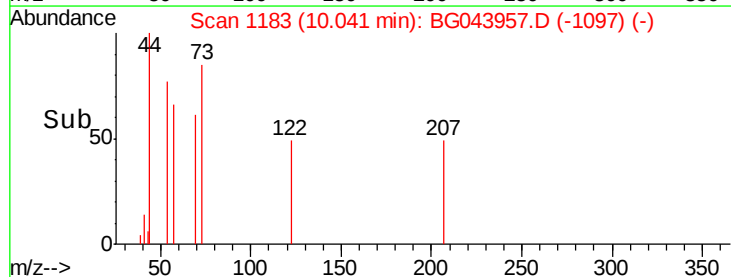
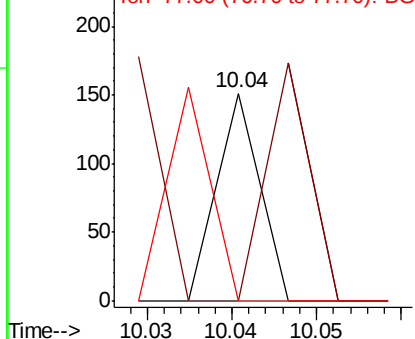


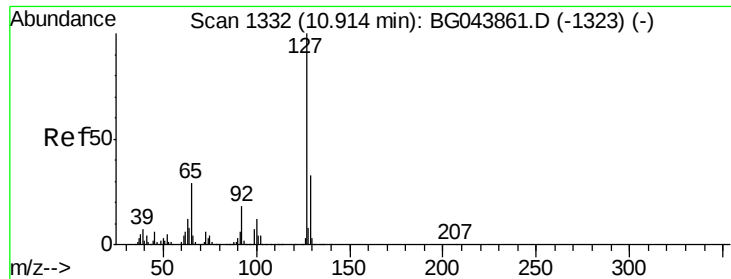
#32
Benzoic acid
Concen: 6.268 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 0.0 106.4 146.4#
77 0.0 74.6 114.6#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

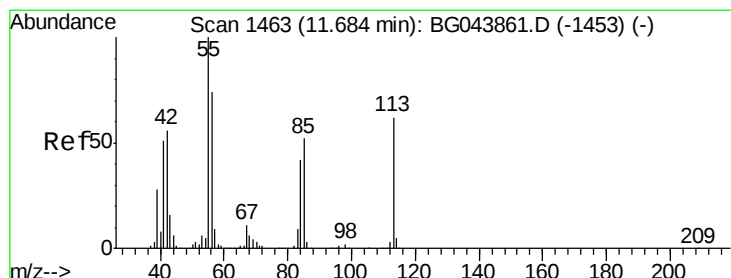
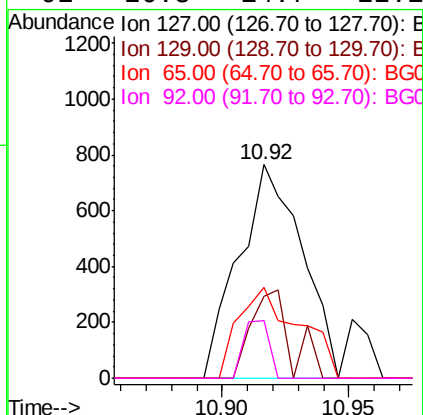
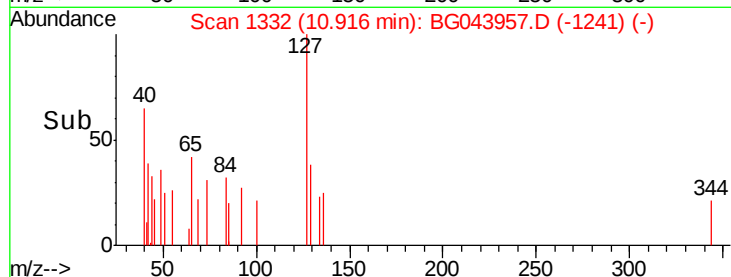
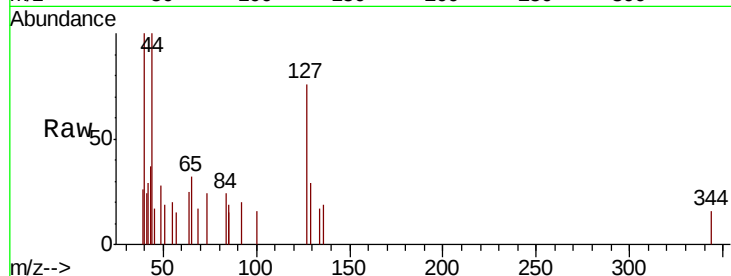




#33
4-Chloroaniline
Concen: 0.085 ng
RT: 10.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

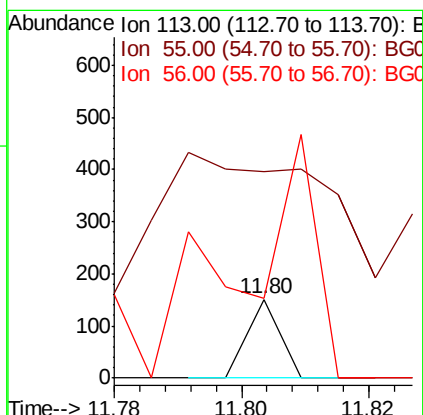
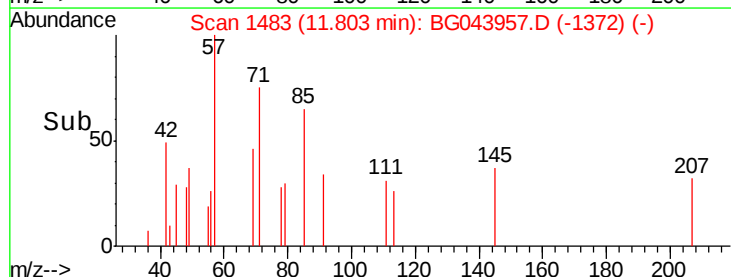
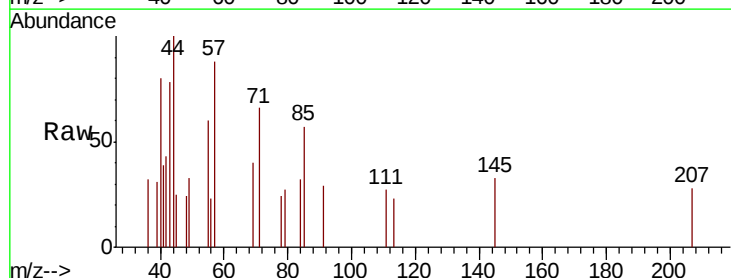
Instrument :
BNA_G
ClientSampled :

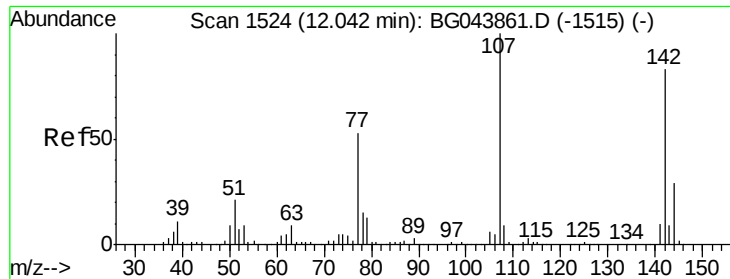
Tot Ion:	127	Resp:	1336
Ion	Ratio	Lower	Upper
127	100		
129	38.4	26.6	40.0
65	42.5	23.3	34.9#
92	26.8	14.7	22.1#



#35
Caprolactam
Concen: 0.013 ng
RT: 11.80 min Scan# 1483
Delta R.T. 0.12 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Tgt Ion:	113	Resp:	53
Ion	Ratio	Lower	Upper
113	100		
55	262.3	142.5	182.5#
56	100.7	101.4	141.4#

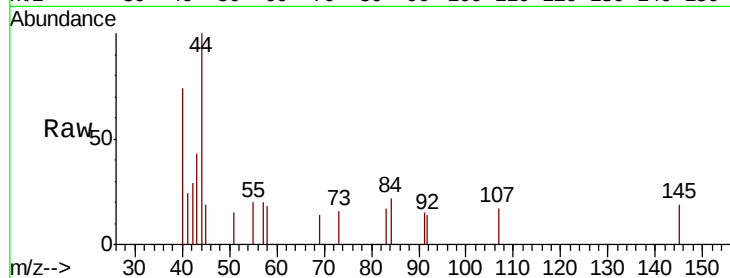




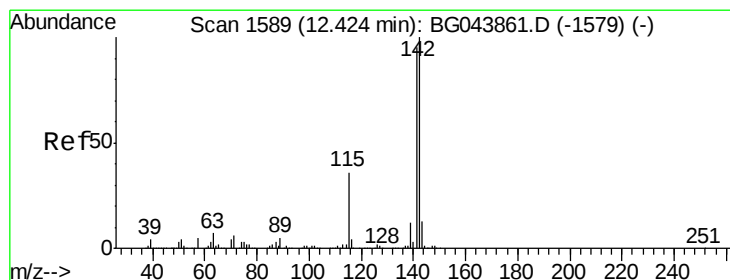
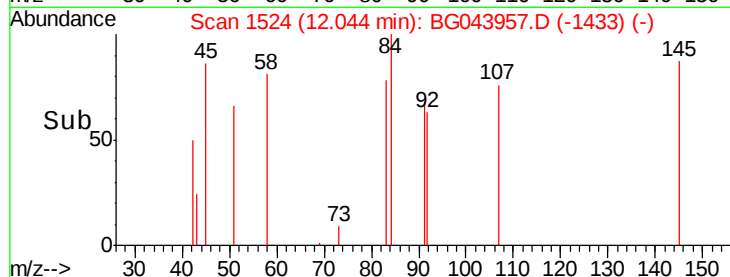
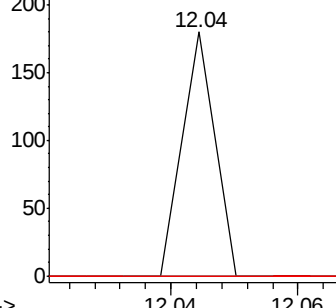
#36
 4-Chloro-3-methylphenol
 Concen: 0.006 ng
 RT: 12.04 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BG043957.D
 Acq: 7 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:107 Resp: 63
 Ion Ratio Lower Upper
 107 100
 144 0.0 23.4 35.2#
 142 0.0 66.3 99.5#

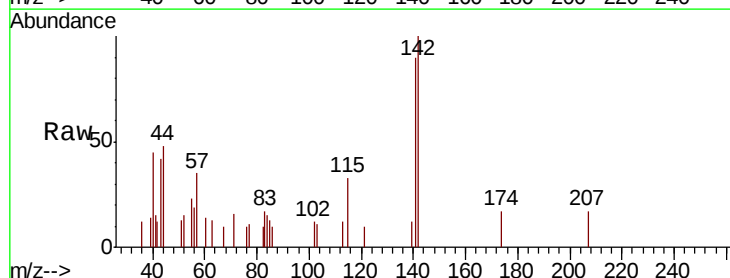


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

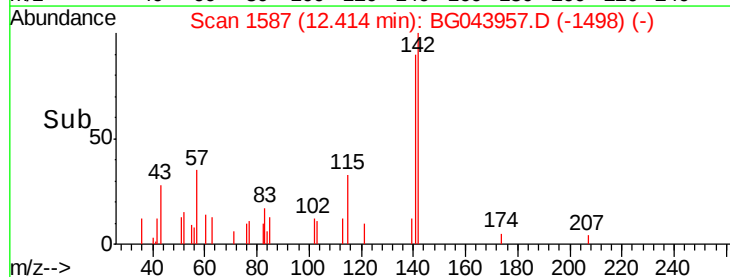
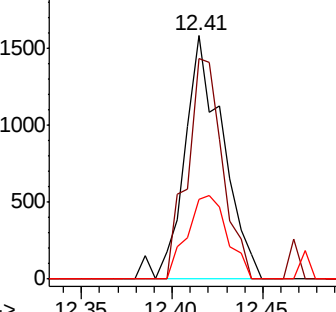


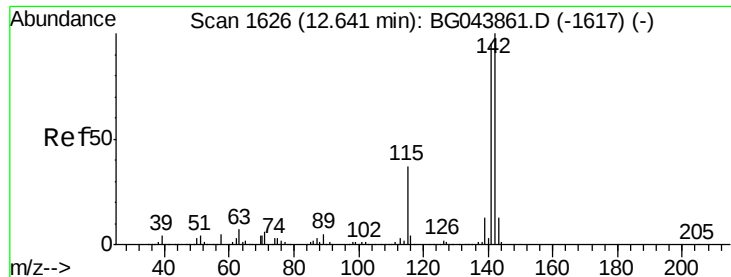
#37
 2-Methylnaphthalene
 Concen: 0.095 ng
 RT: 12.41 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BG043957.D
 Acq: 7 Jan 2020 16:41

Tgt Ion:142 Resp: 2339
 Ion Ratio Lower Upper
 142 100
 141 90.5 75.8 113.8
 115 33.0 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

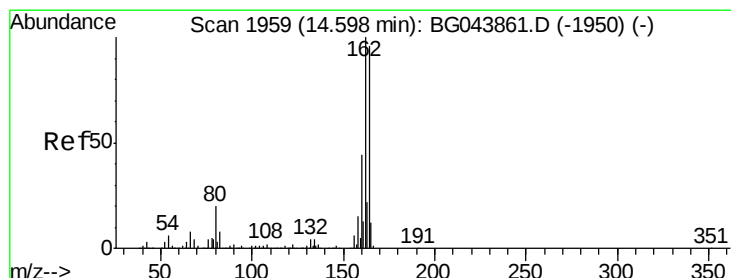
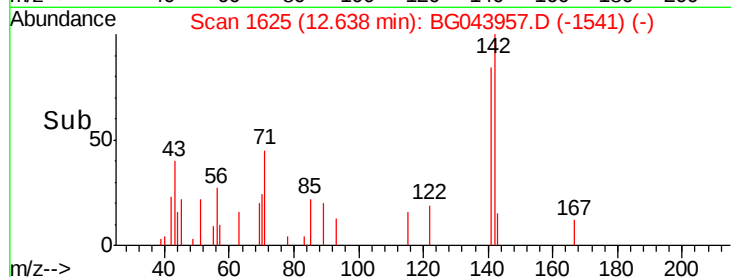
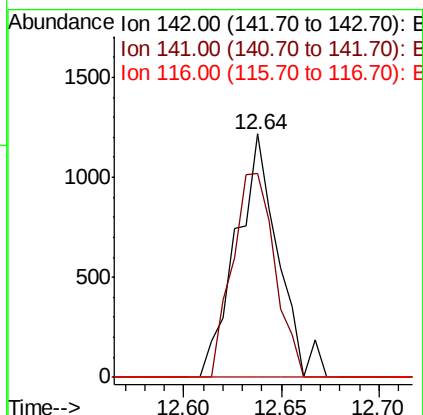
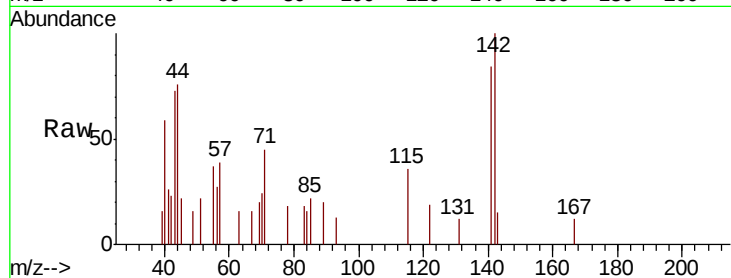




#38
1-Methylnaphthalene
Concen: 0.077 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

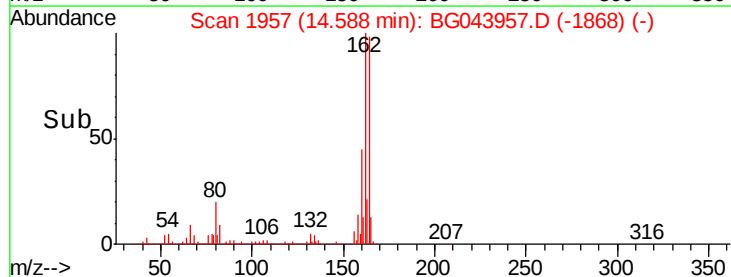
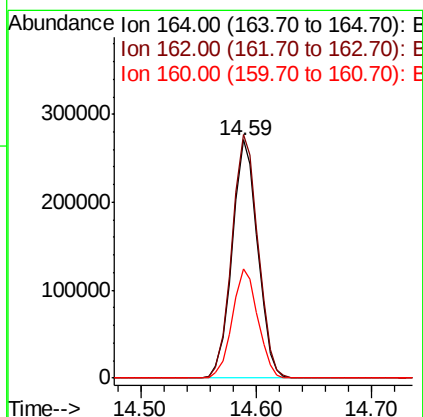
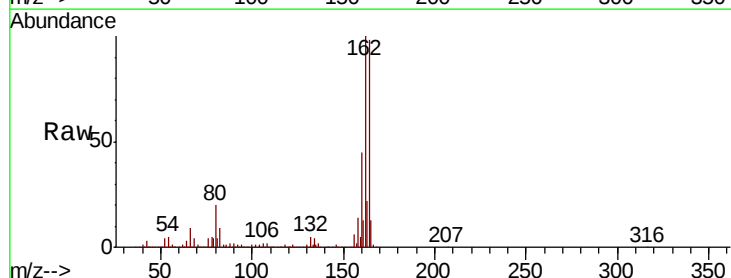
Instrument :
BNA_G
ClientSampleId :

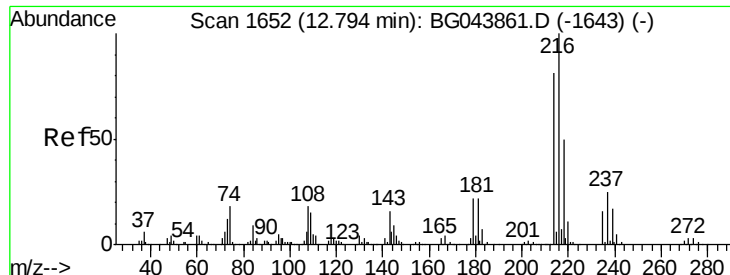
Tot Ion:142 Resp: 1807
Ion Ratio Lower Upper
142 100
141 83.8 76.0 114.0
116 0.0 3.1 4.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Tgt Ion:164 Resp: 414120
Ion Ratio Lower Upper
164 100
162 102.3 83.0 124.4
160 46.0 36.1 54.1

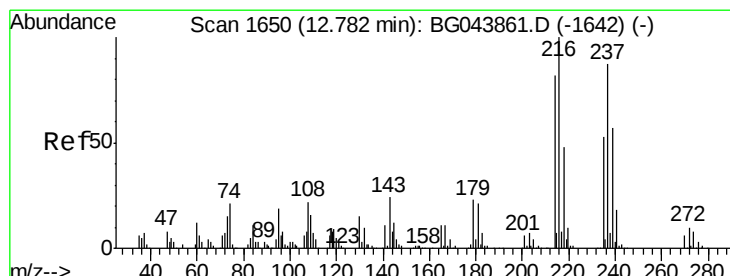
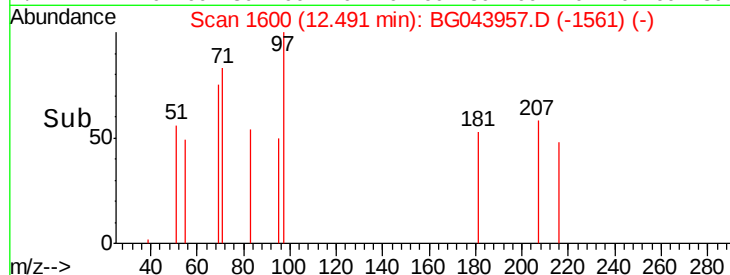
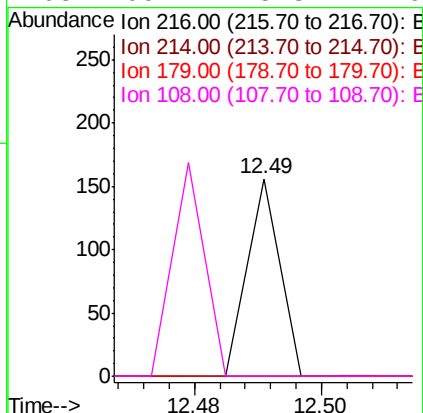
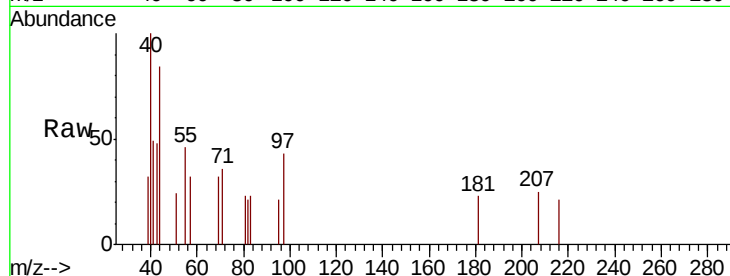




#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.005 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.30 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

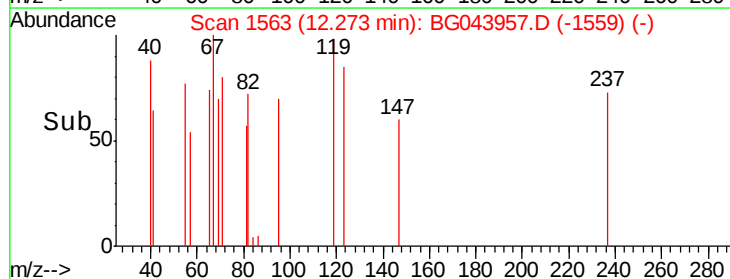
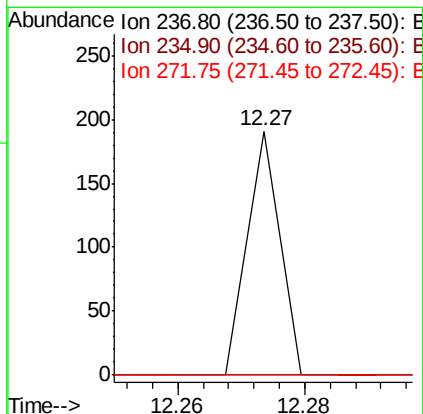
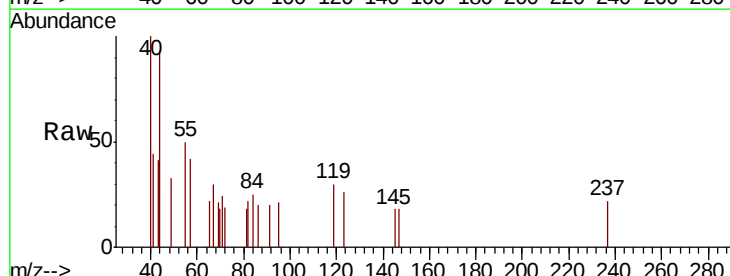
Instrument :
BNA_G
ClientSampleId :

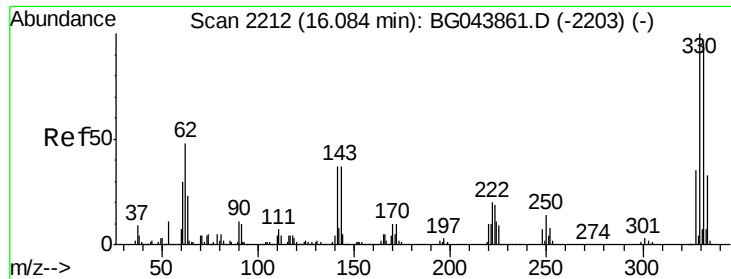
Tot Ion	Ratio	Lower	Upper
216	100		
214	0.0	63.8	95.8#
179	0.0	17.3	25.9#
108	109.1	15.3	22.9#



#41
Hexachlorocyclopentadiene
Concen: 0.011 ng
RT: 12.27 min Scan# 1563
Delta R.T. -0.51 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
237	100		
235	0.0	41.1	81.1#
272	0.0	0.0	31.7

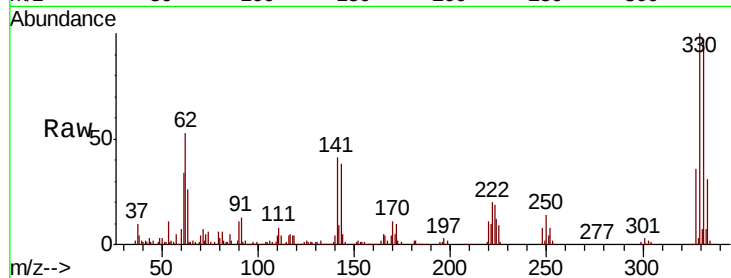




#42
 2,4,6-Tribromophenol
 Concen: 50.608 ng
 RT: 16.07 min Scan# 2210
 Delta R.T. -0.01 min
 Lab File: BG043957.D
 Acq: 7 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.2	115.8
141	41.7	33.1	49.7

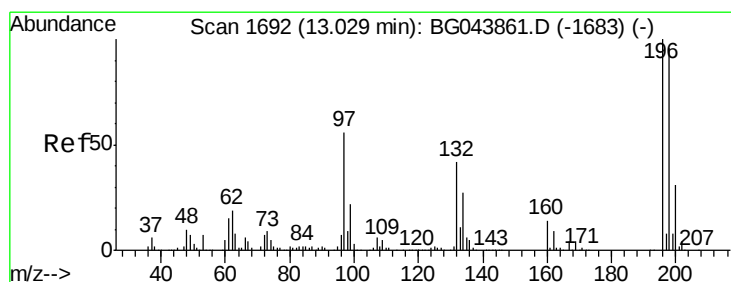
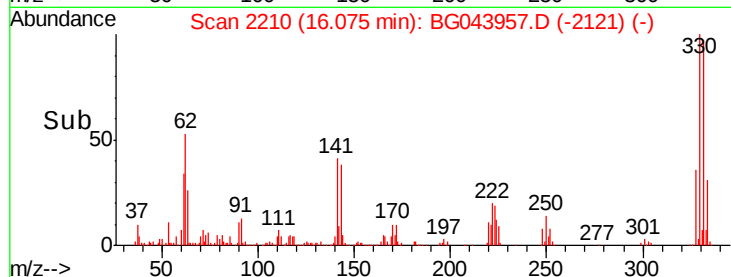
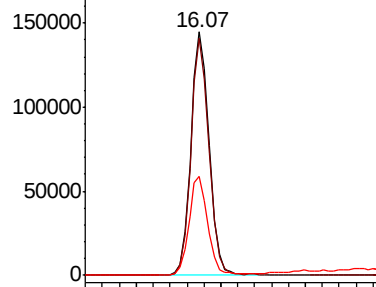


Abundance

Ion 329.80 (329.50 to 330.50): E

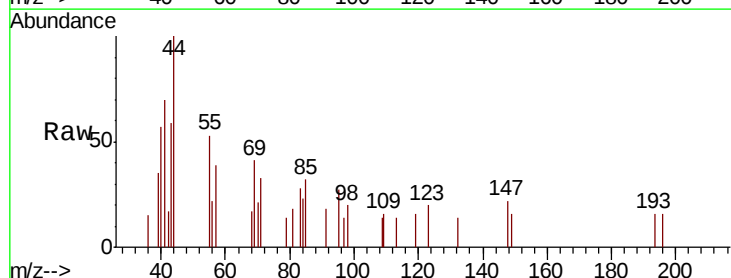
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 0.008 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.07 min
 Lab File: BG043957.D
 Acq: 7 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	76.6	115.0#
200	0.0	24.6	37.0#

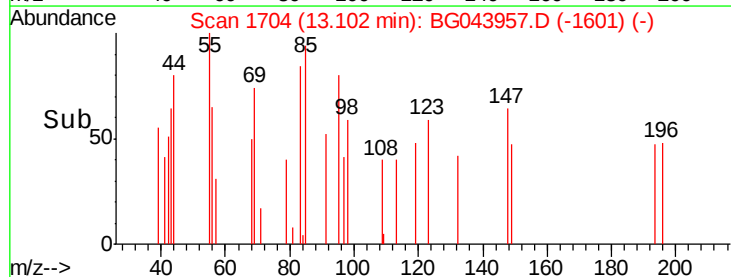
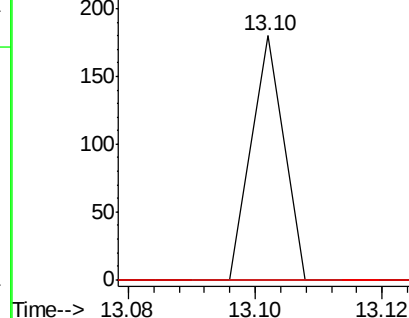


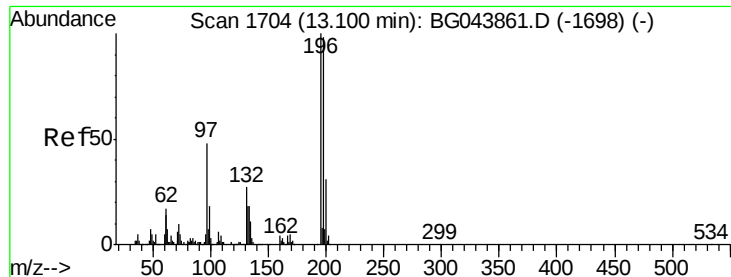
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

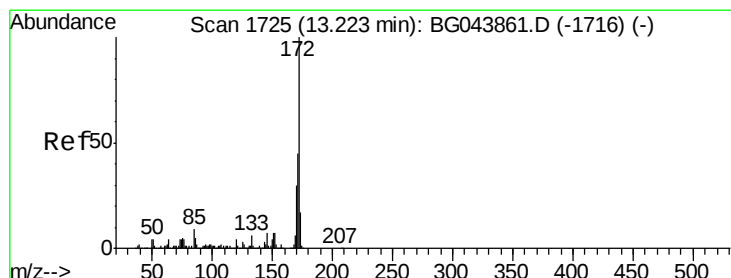
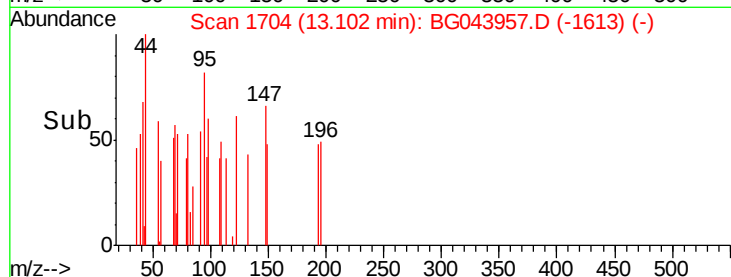
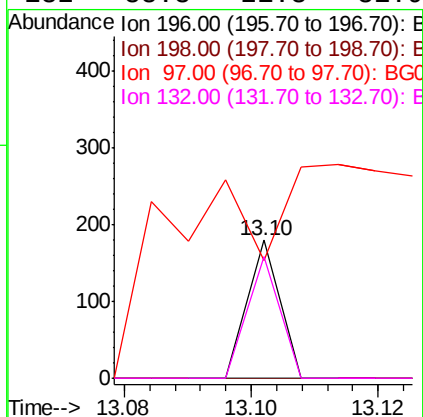
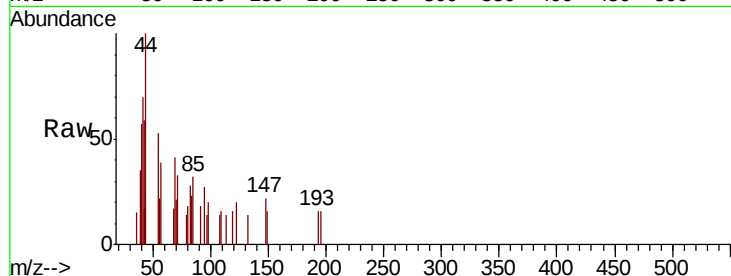




#44
2,4,5-Trichlorophenol
Concen: 0.007 ng
RT: 13.10 min Scan# 1704
Delta R.T. 0.00 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

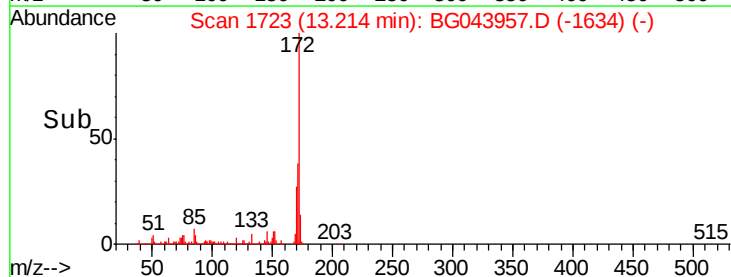
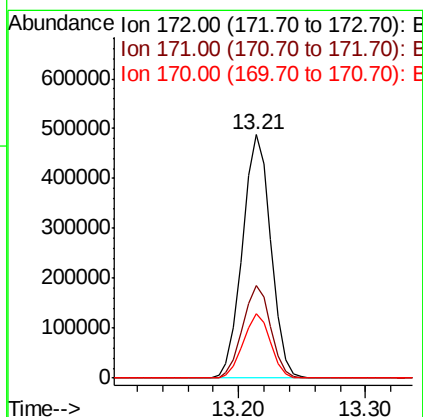
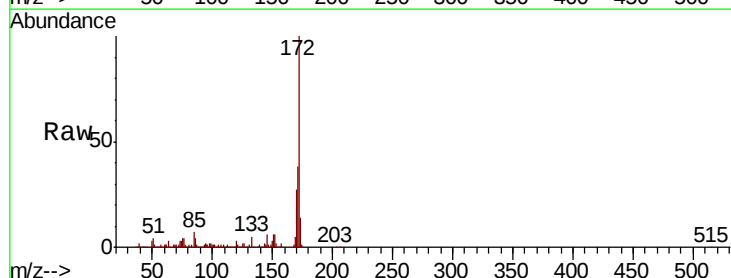
Instrument :
BNA_G
ClientSampled :

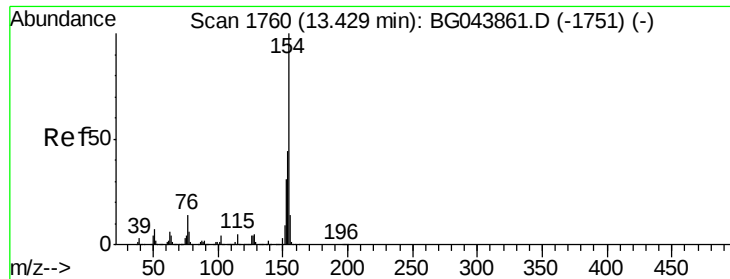
Tot Ion:196 Resp: 63
Ion Ratio Lower Upper
196 100
198 0.0 78.3 117.5#
97 85.6 38.8 58.2#
132 88.3 21.3 31.9#



#45
2-Fluorobiphenyl
Concen: 33.102 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Tgt Ion:172 Resp: 756623
Ion Ratio Lower Upper
172 100
171 38.2 35.8 53.8
170 26.6 24.2 36.4

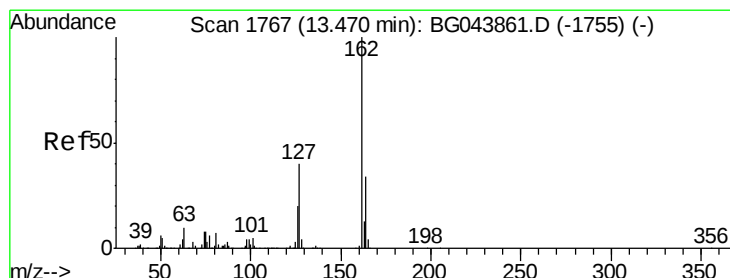
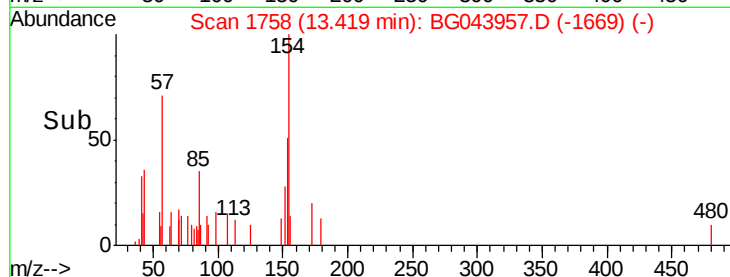
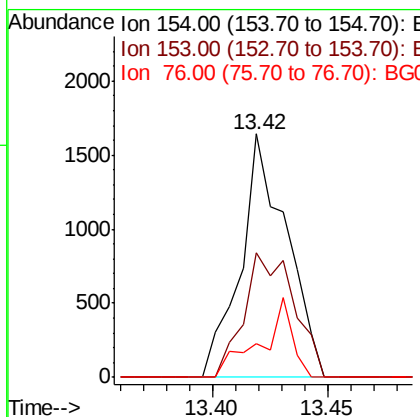
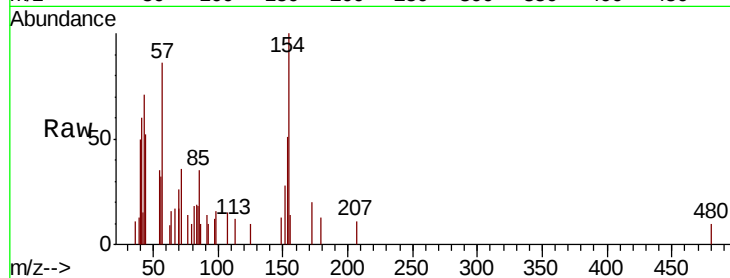




#46
 1,1'-Biphenyl
 Concen: 0.077 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG043957.D
 Acq: 7 Jan 2020 16:41

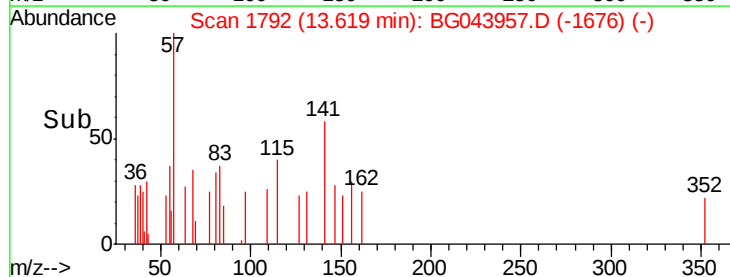
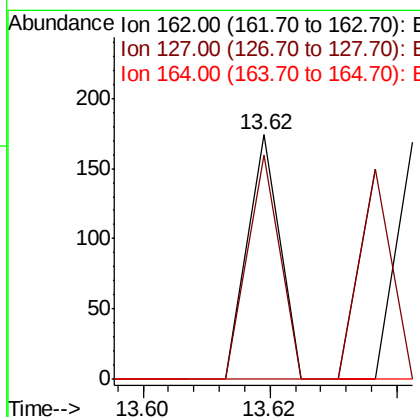
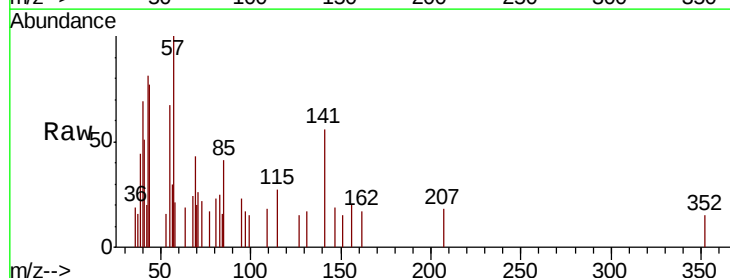
Instrument :
 BNA_G
 ClientSampled :

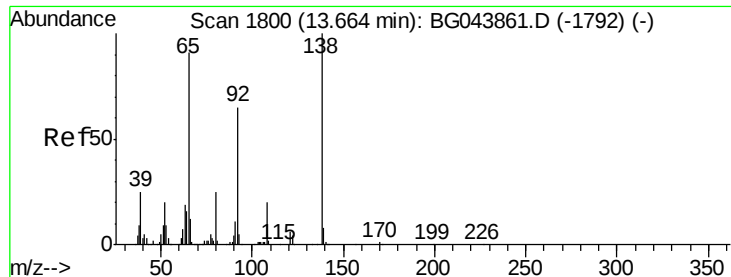
Tot Ion:154 Resp: 2281
 Ion Ratio Lower Upper
 154 100
 153 51.4 23.6 63.6
 76 14.0 0.0 34.4



#47
 2-Chloronaphthalene
 Concen: 0.003 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. 0.15 min
 Lab File: BG043957.D
 Acq: 7 Jan 2020 16:41

Tgt Ion:162 Resp: 61
 Ion Ratio Lower Upper
 162 100
 127 92.0 32.1 48.1#
 164 0.0 27.5 41.3#

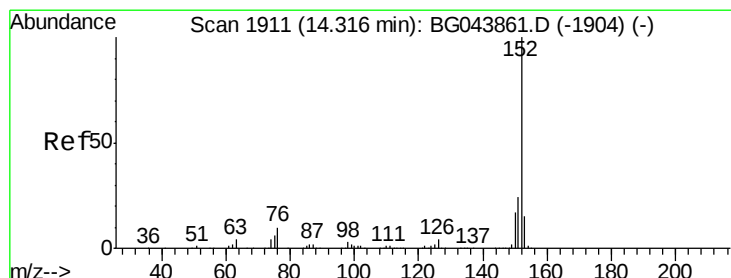
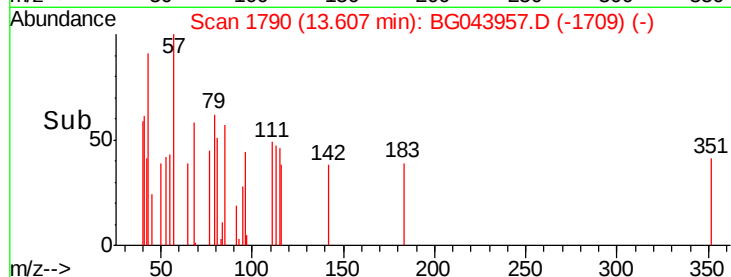
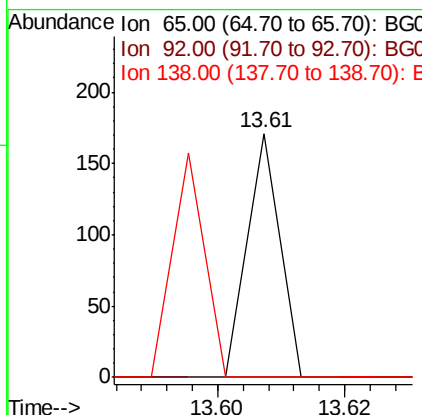
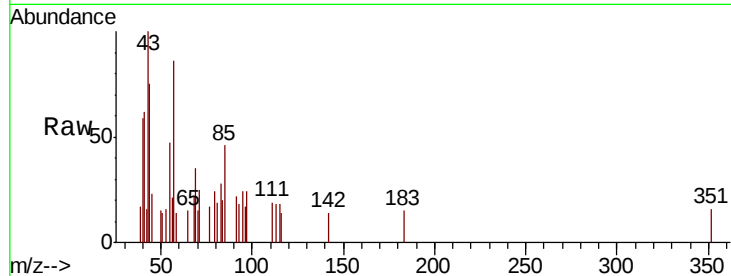




#48
2-Nitroaniline
Concen: 0.008 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.06 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

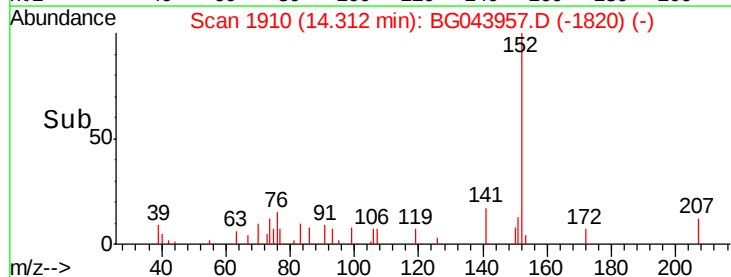
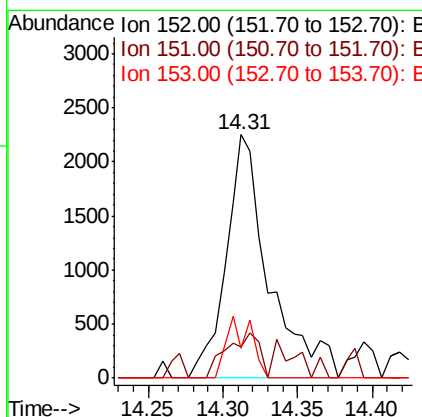
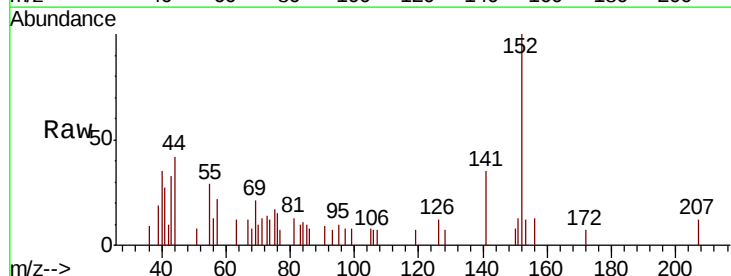
Instrument :
BNA_G
ClientSampled :

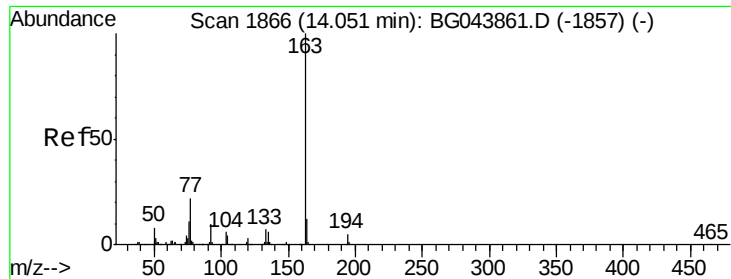
Tot Ion: 65 Resp: 60
Ion Ratio Lower Upper
65 100
92 0.0 57.4 86.2#
138 0.0 88.2 132.4#



#49
Acenaphthylene
Concen: 0.131 ng
RT: 14.31 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Tgt Ion: 152 Resp: 4525
Ion Ratio Lower Upper
152 100
151 12.9 19.4 29.2#
153 12.0 12.0 18.0#

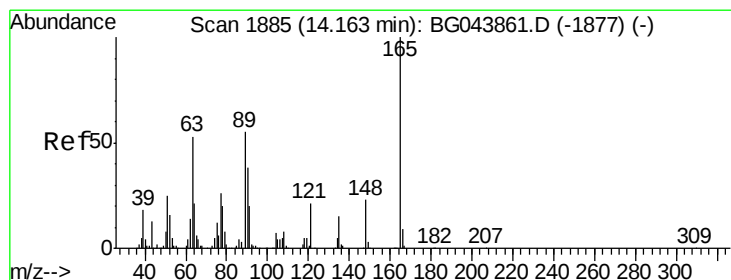
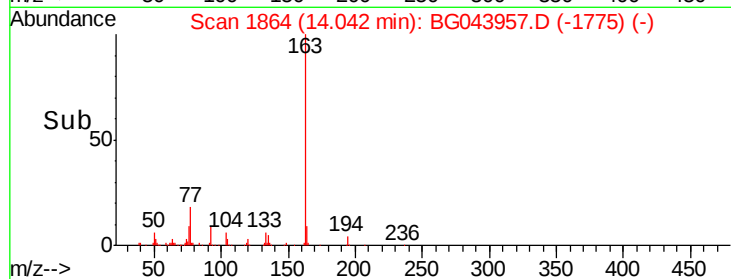
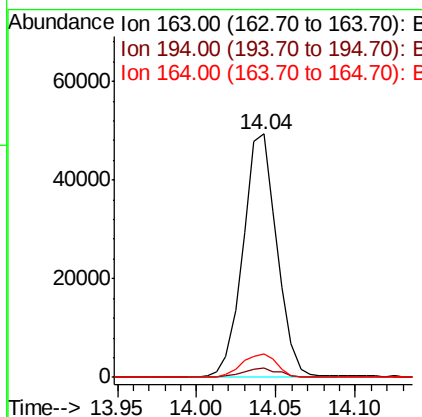
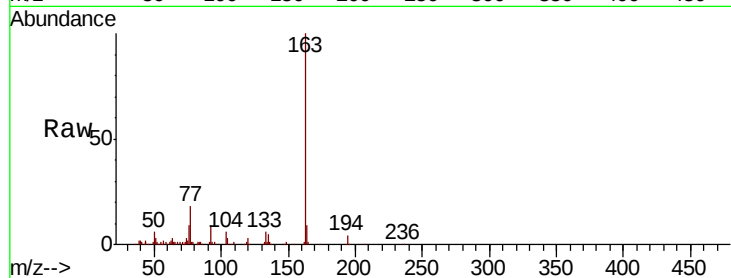




#50
Dimethylphthalate
Concen: 2.494 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

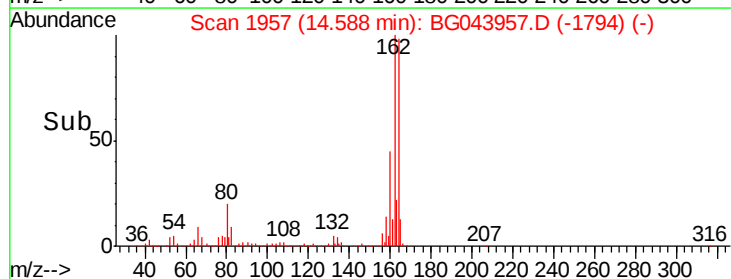
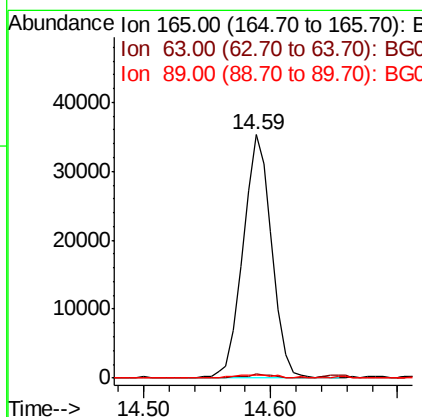
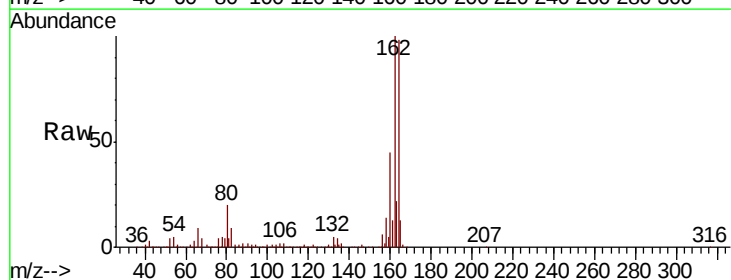
Instrument :
BNA_G
ClientSampleId :

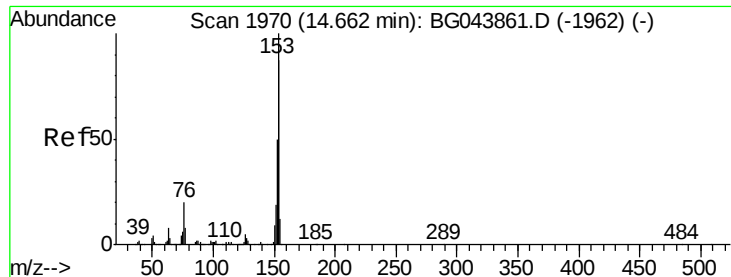
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.7	5.5
164	9.4	9.3	13.9



#51
2,6-Dinitrotoluene
Concen: 8.258 ng
RT: 14.59 min Scan# 1957
Delta R.T. 0.43 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	43.1	64.7#
89	1.1	43.8	65.6#





#52

Acenaphthene

Concen: 0.328 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

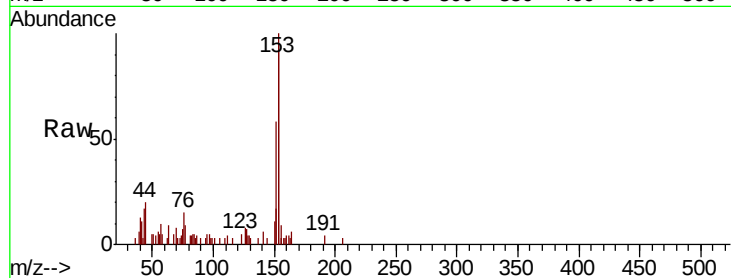
Tot Ion:154 Resp: 7943

Ion Ratio Lower Upper

154 100

153 105.9 91.6 137.4

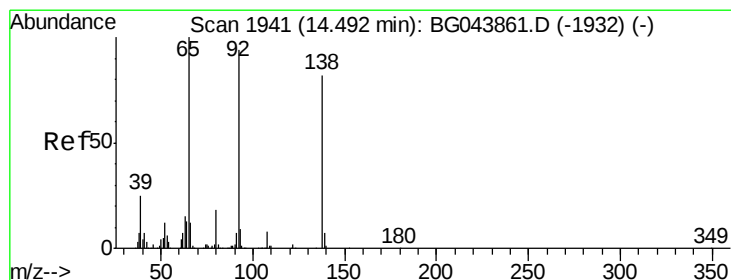
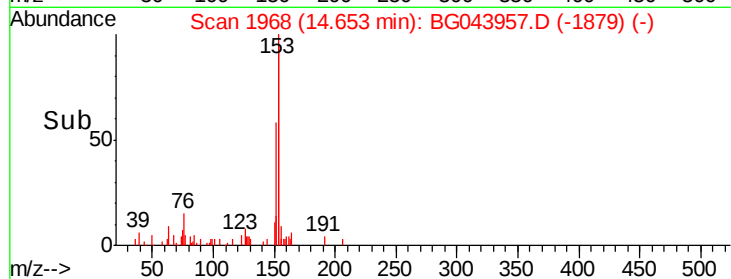
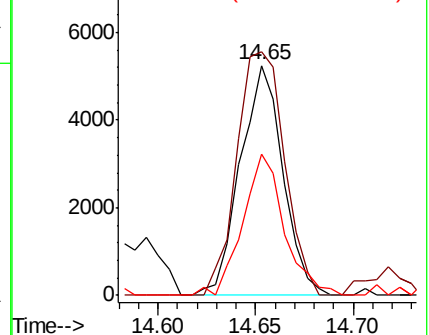
152 61.4 45.4 68.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 0.010 ng

RT: 14.49 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

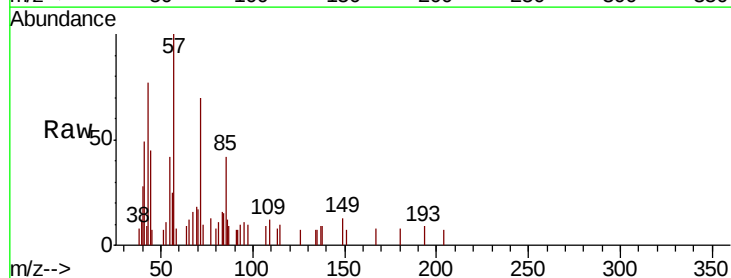
Tgt Ion:138 Resp: 74

Ion Ratio Lower Upper

138 100

108 0.0 7.4 11.2#

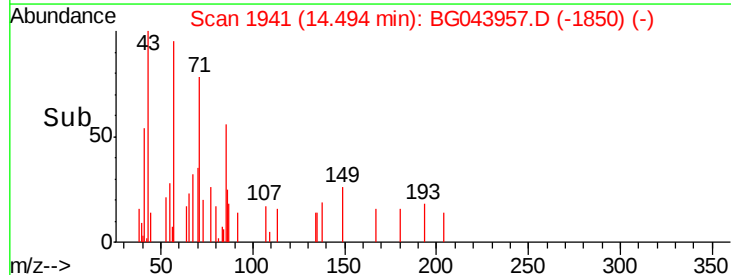
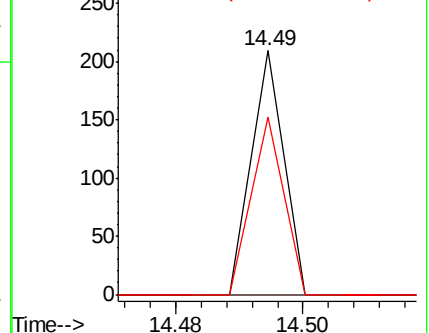
92 72.7 92.1 138.1#

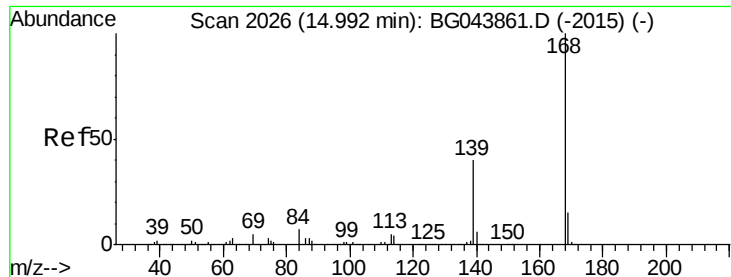


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#55

Dibenzenofuran

Concen: 0.187 ng

RT: 14.99 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

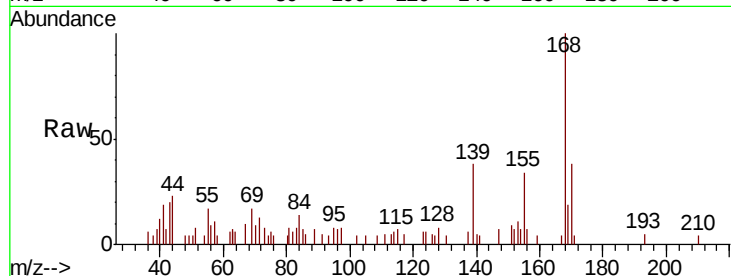
Tot Ion:168 Resp: 6231

Ion Ratio Lower Upper

168 100

139 37.9 32.2 48.2

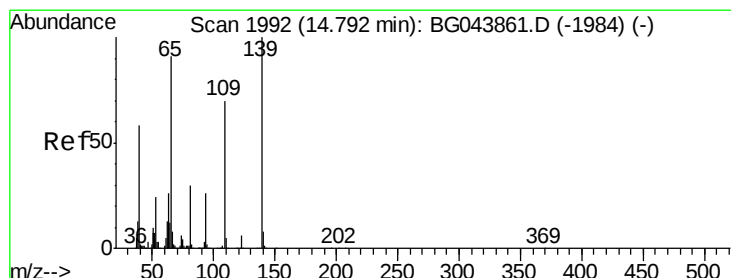
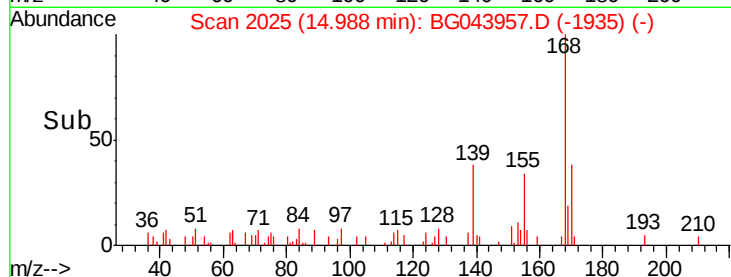
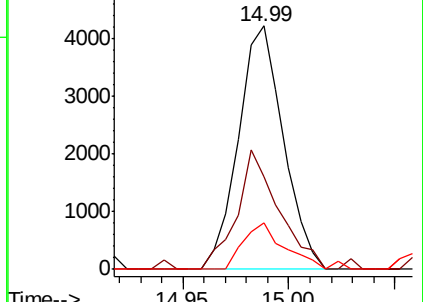
169 19.2 12.2 18.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 0.039 ng

RT: 14.81 min Scan# 1995

Delta R.T. 0.02 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

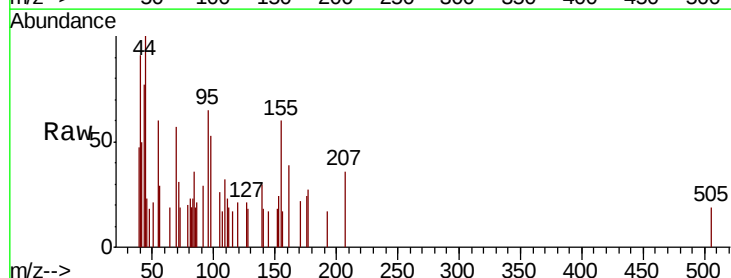
Tgt Ion:139 Resp: 228

Ion Ratio Lower Upper

139 100

109 109.6 50.4 90.4#

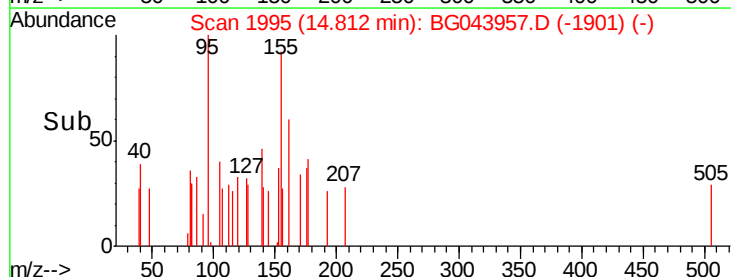
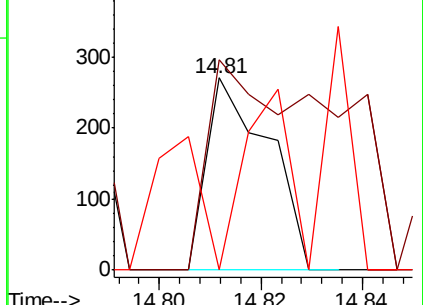
65 0.0 71.4 111.4#

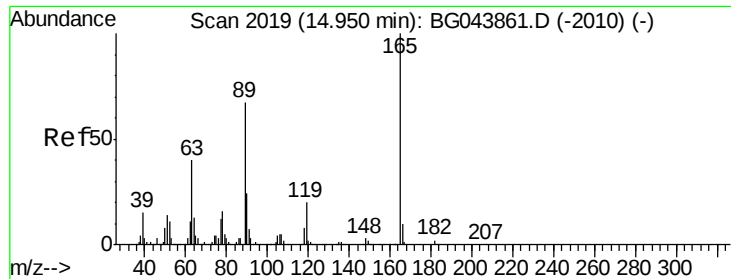


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

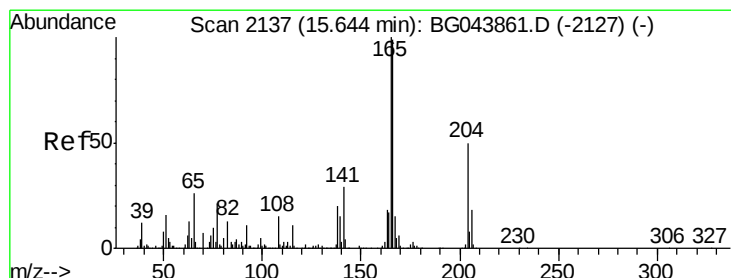
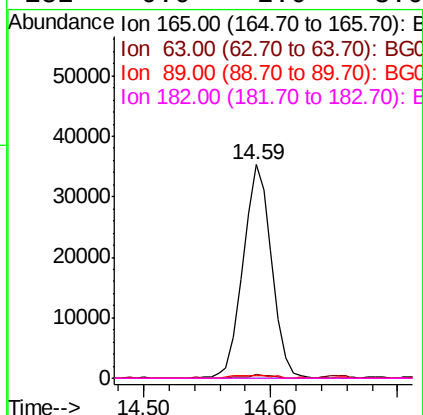
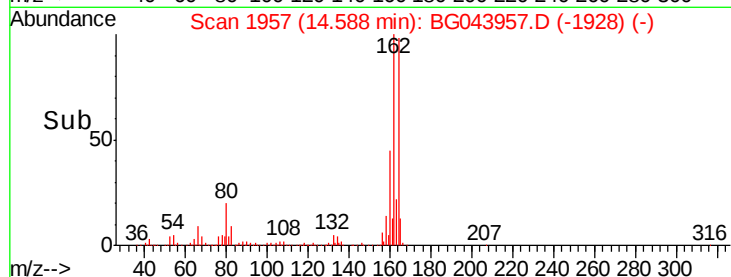
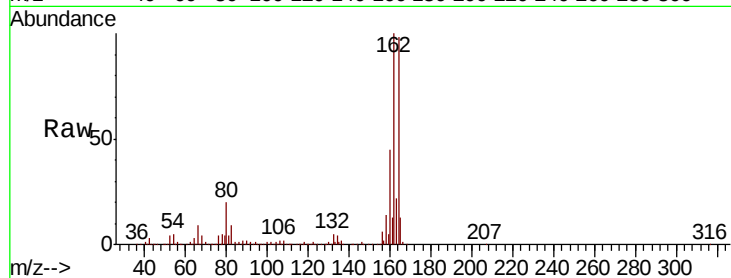




#57
 2,4-Dinitrotoluene
 Concen: 6.069 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.36 min
 Lab File: BG043957.D
 Acq: 7 Jan 2020 16:41

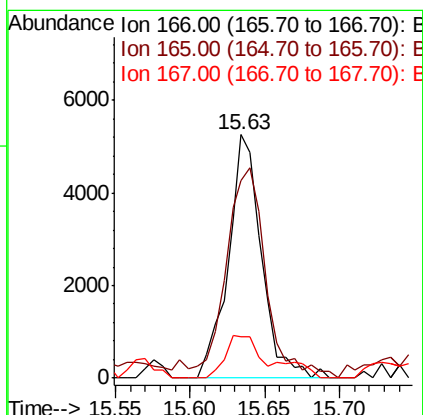
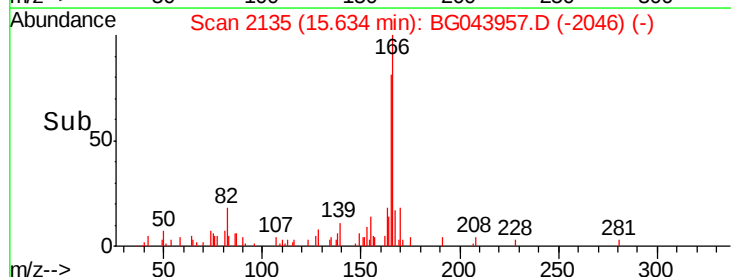
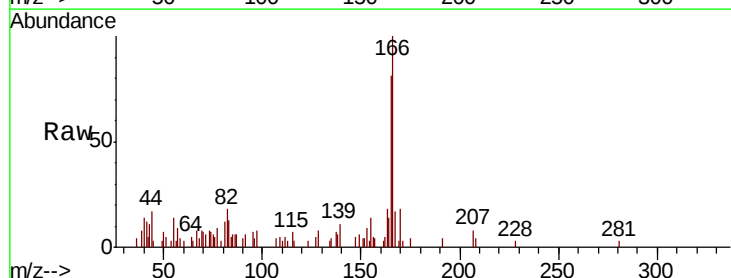
Instrument :
 BNA_G
 ClientSampled :

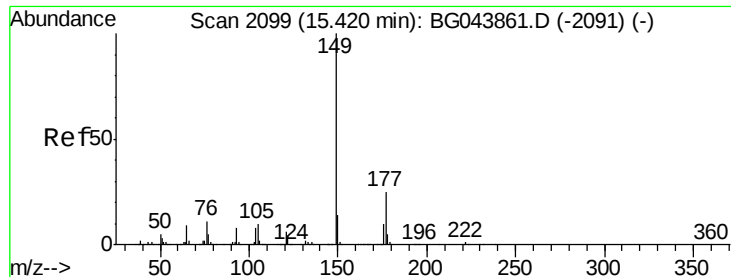
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	31.9	47.9#
89	1.1	53.8	80.6#
182	0.0	2.0	3.0#



#58
 Fluorene
 Concen: 0.310 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG043957.D
 Acq: 7 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	81.3	80.8	121.2
167	17.1	12.1	18.1





#60

Diethylphthalate

Concen: 0.033 ng

RT: 15.41 min Scan# 2096

Delta R.T. -0.02 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampled :

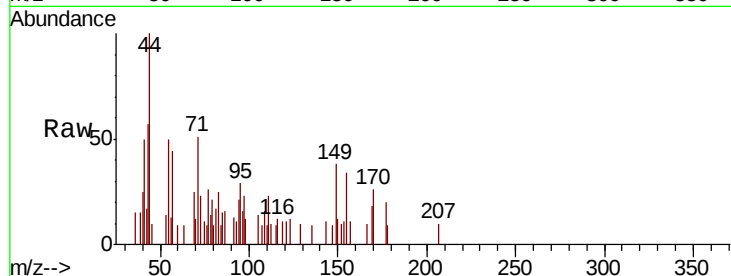
Tot Ion:149 Resp: 960

Ion Ratio Lower Upper

149 100

177 52.6 20.0 30.0#

150 31.6 11.1 16.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

800

600

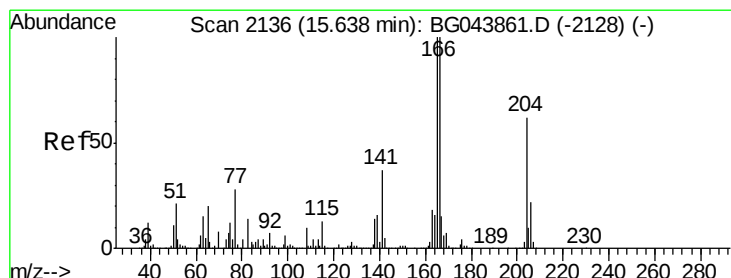
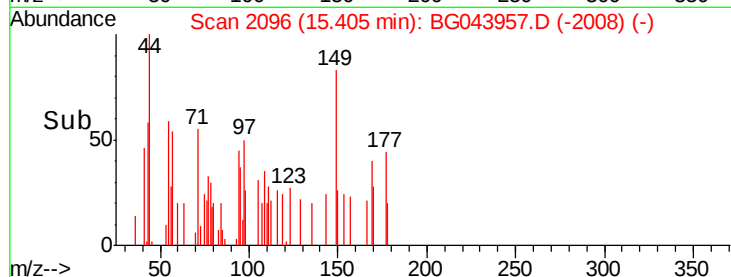
400

200

0

15.41

Time-->



#61

4-Chlorophenyl-phenylether

Concen: 0.005 ng

RT: 15.64 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

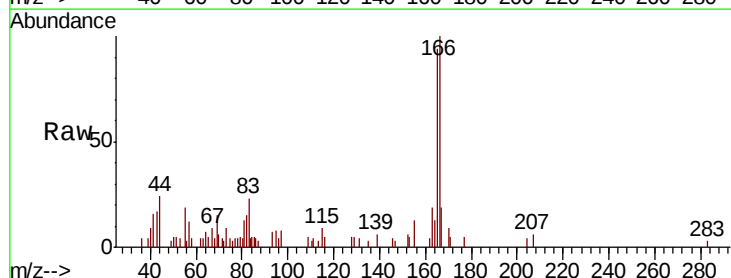
Tgt Ion:204 Resp: 71

Ion Ratio Lower Upper

204 100

206 0.0 28.2 42.2#

141 0.0 48.2 72.2#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

400

300

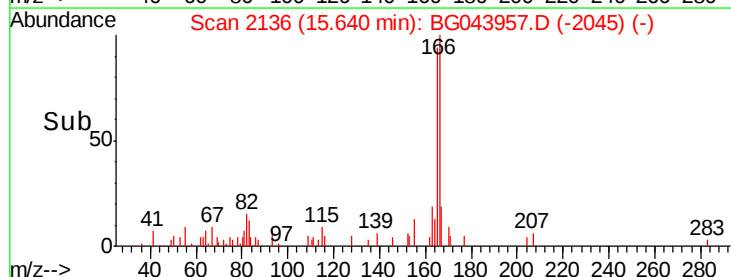
200

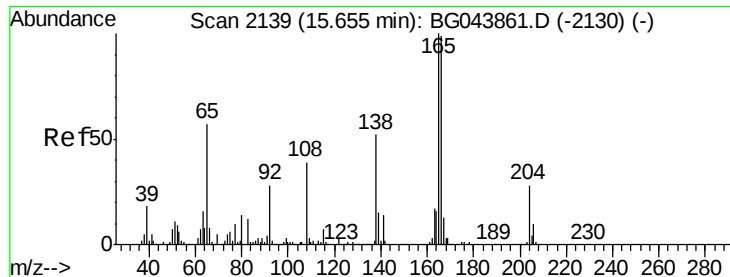
100

0

15.64

Time-->

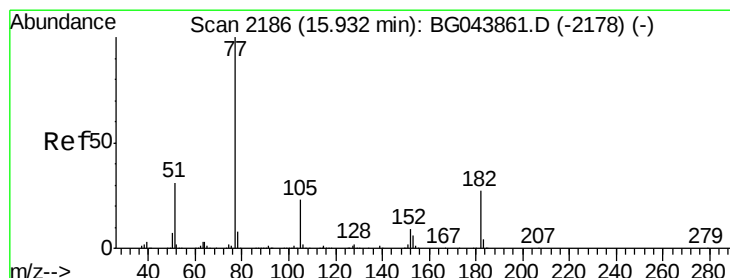
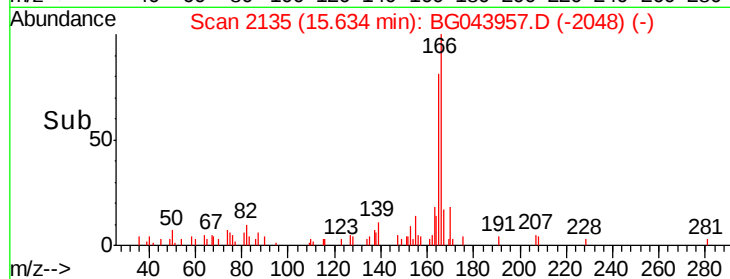
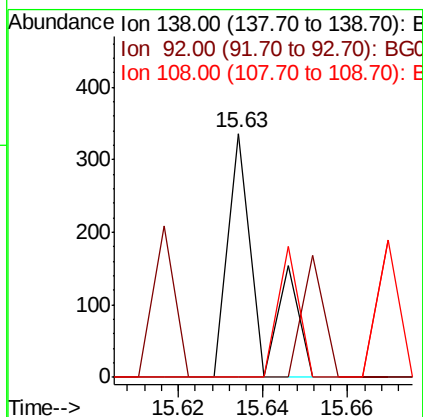
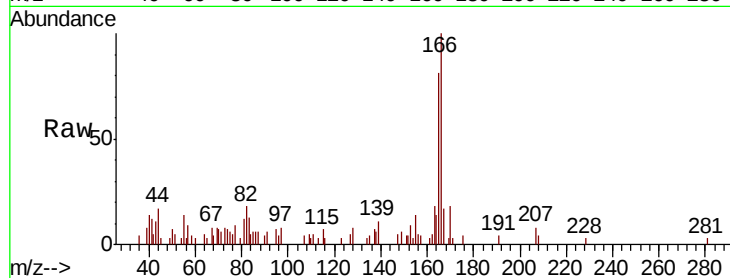




#62
4-Nitroaniline
Concen: 0.023 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

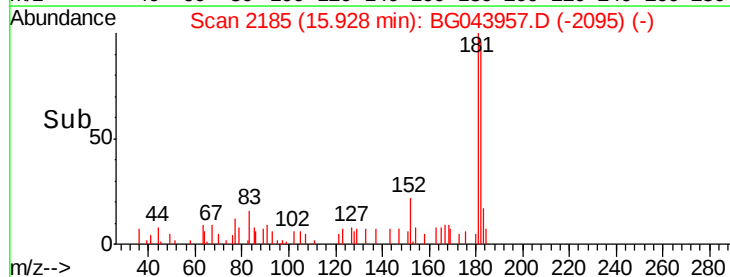
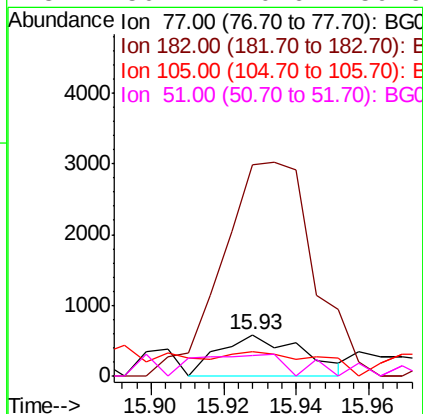
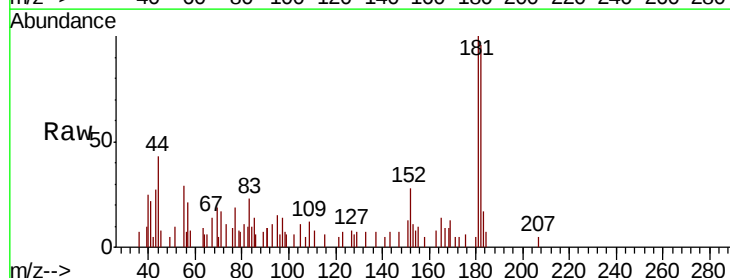
Instrument :
BNA_G
ClientSampleId :

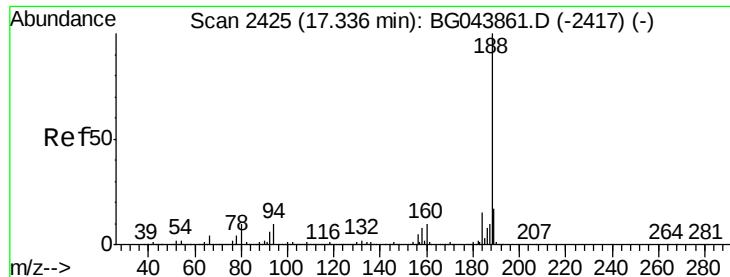
Tot Ion:138 Resp: 173
Ion Ratio Lower Upper
138 100
92 0.0 34.3 74.3#
108 0.0 55.0 95.0#



#63
Azobenzene
Concen: 0.034 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Tgt Ion: 77 Resp: 921
Ion Ratio Lower Upper
77 100
182 508.7 7.3 47.3#
105 58.5 3.2 43.2#
51 50.7 10.6 50.6#

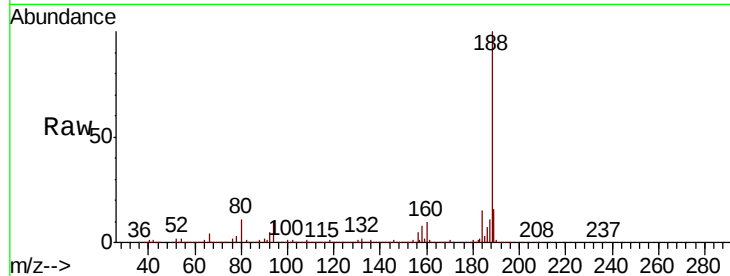




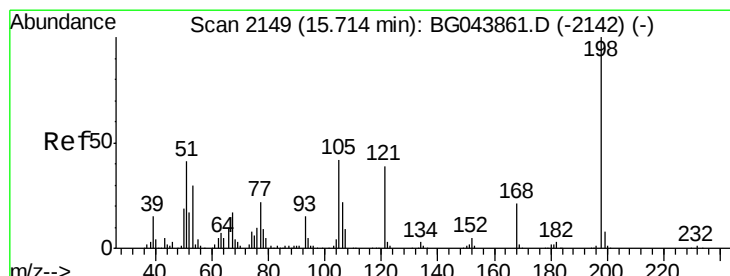
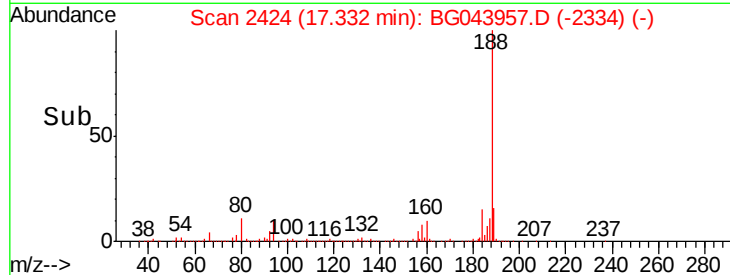
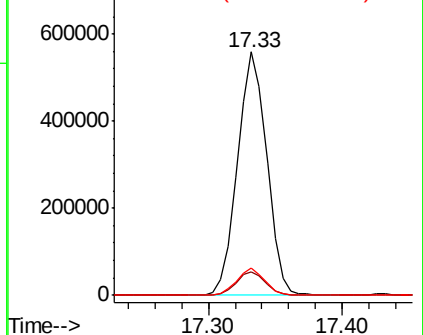
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.33 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG043957.D
 Acq: 7 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 848835
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.9 11.9
 80 11.0 8.2 12.4

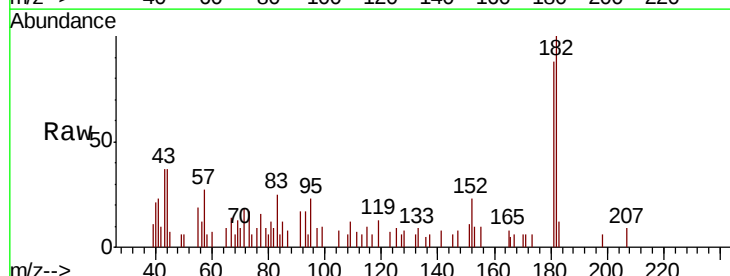


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

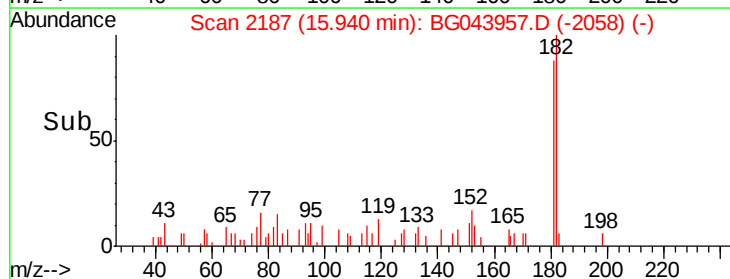
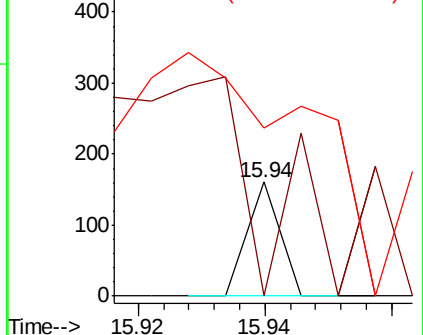


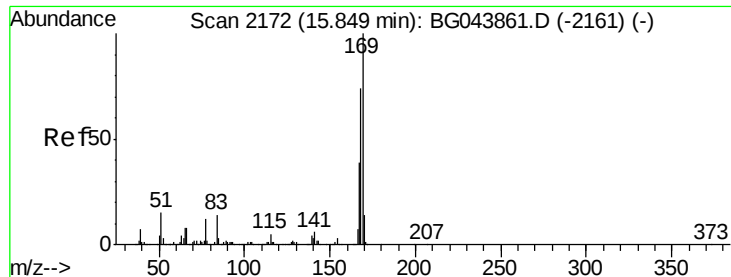
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.402 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. 0.23 min
 Lab File: BG043957.D
 Acq: 7 Jan 2020 16:41

Tgt Ion:198 Resp: 57
 Ion Ratio Lower Upper
 198 100
 51 0.0 22.5 62.5#
 105 147.2 22.3 62.3#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 0.050 ng

RT: 15.84 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

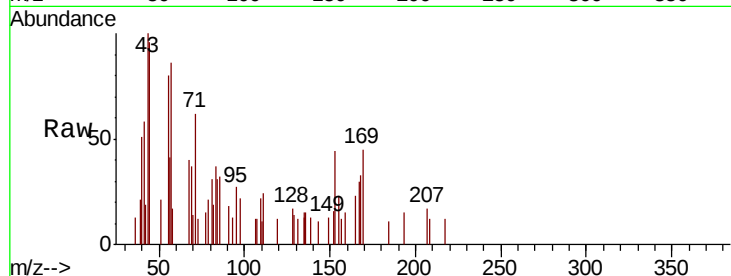
Tot Ion:169 Resp: 1254

Ion Ratio Lower Upper

169 100

168 72.2 59.0 88.6

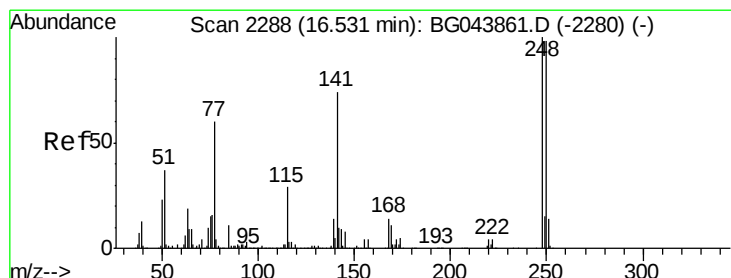
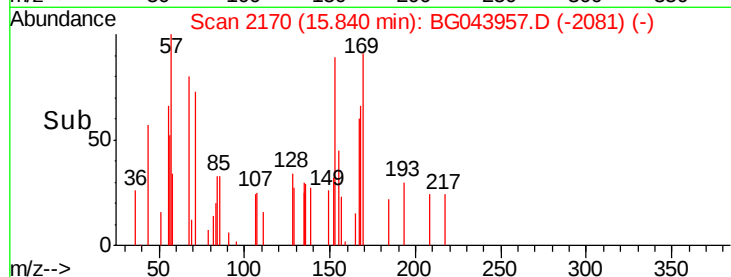
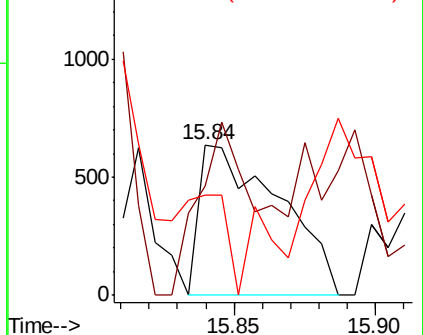
167 66.2 31.4 47.0#



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

4-Bromophenyl-phenylether

Concen: 1.618 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.46 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

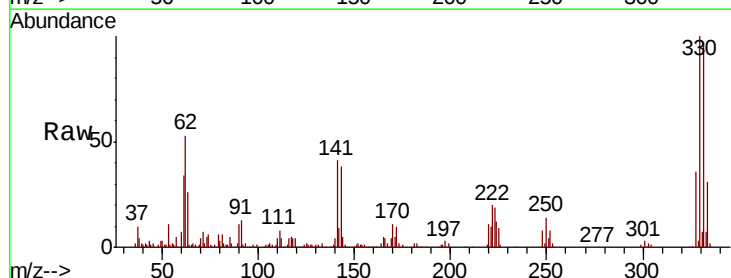
Tgt Ion:248 Resp: 15445

Ion Ratio Lower Upper

248 100

250 174.1 78.2 117.2#

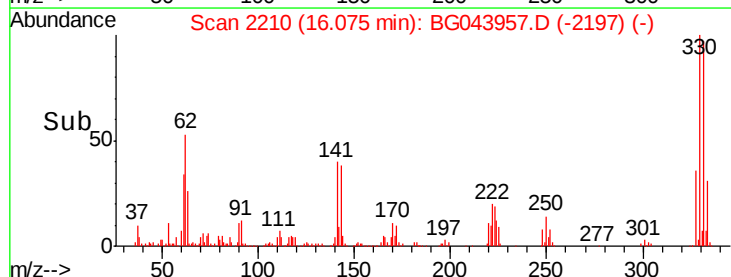
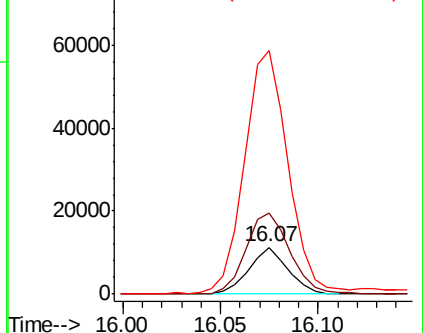
141 519.4 59.3 88.9#

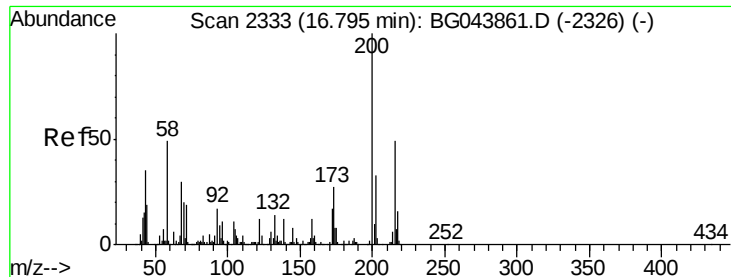


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#69

Atrazine

Concen: 0.009 ng

RT: 16.63 min Scan# 2304

Delta R.T. -0.17 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampled :

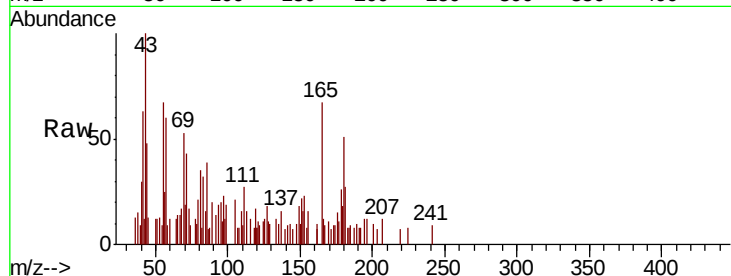
Tot Ion:200 Resp: 72

Ion Ratio Lower Upper

200 100

173 90.1 6.6 46.6#

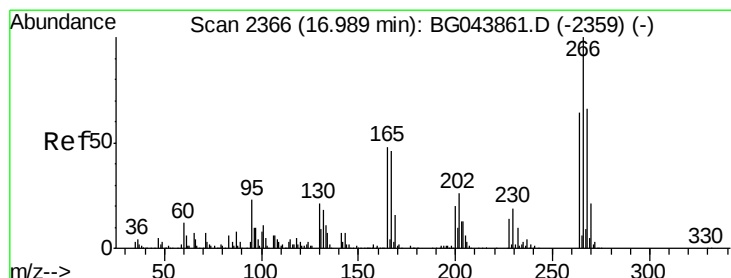
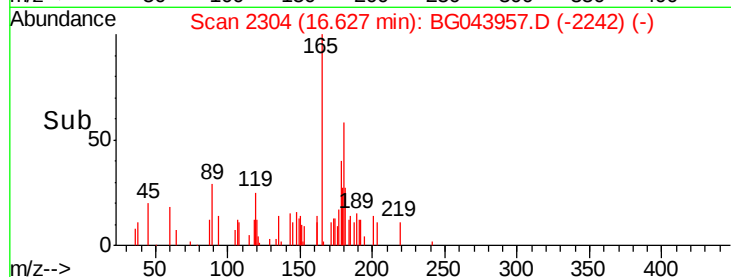
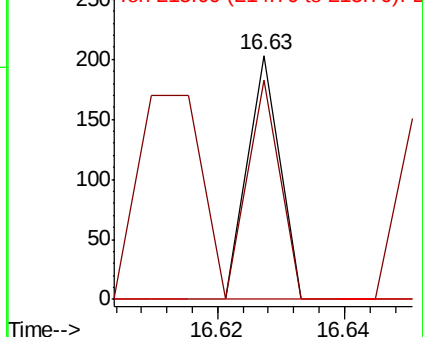
215 0.0 28.6 68.6#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 0.012 ng

RT: 16.99 min Scan# 2365

Delta R.T. -0.00 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

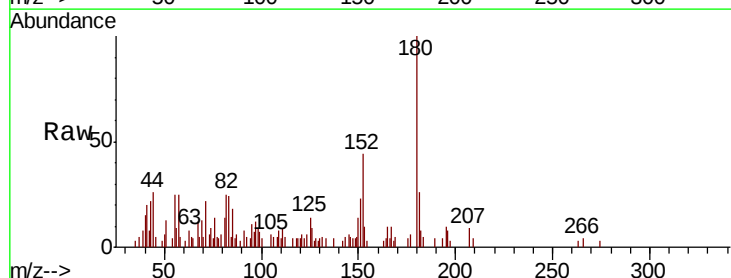
Tgt Ion:266 Resp: 66

Ion Ratio Lower Upper

266 100

268 0.0 52.6 79.0#

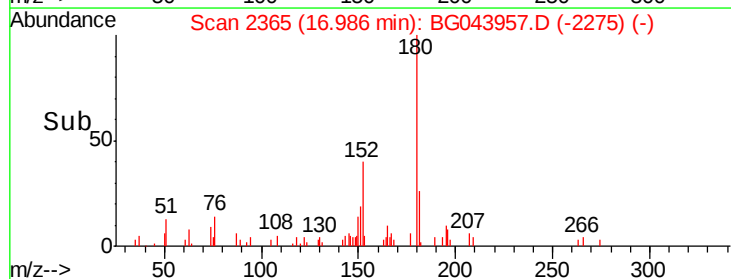
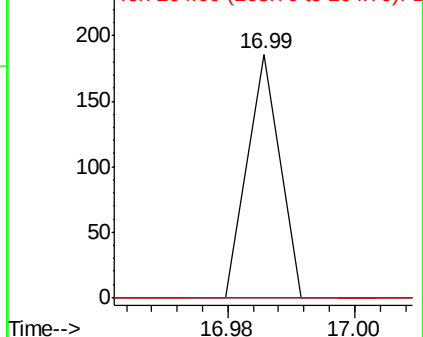
264 0.0 50.8 76.2#

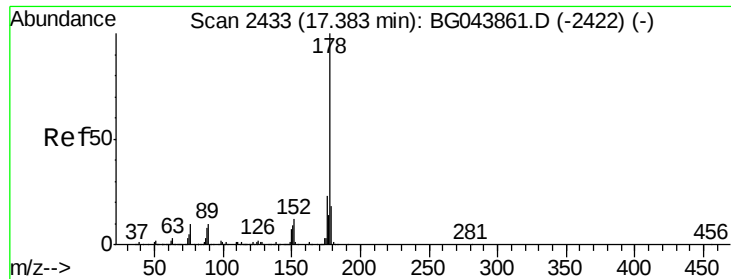


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

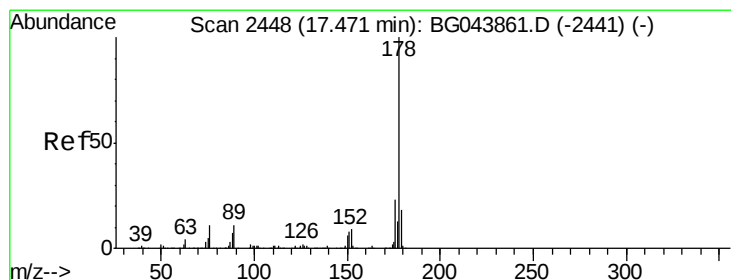
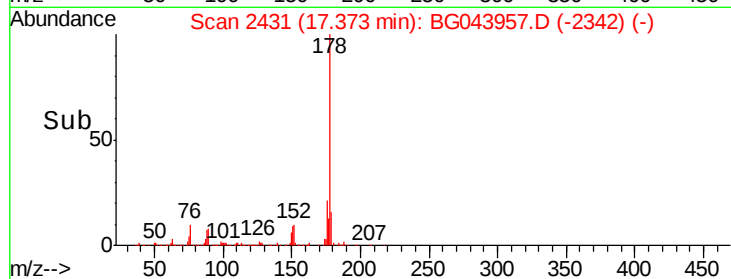
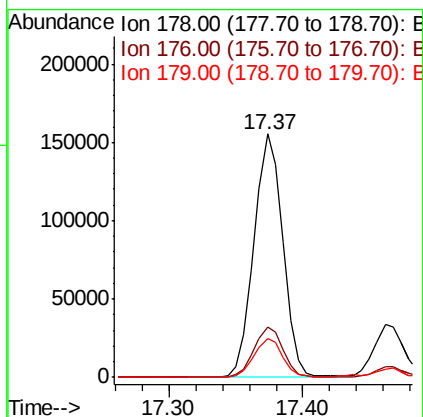
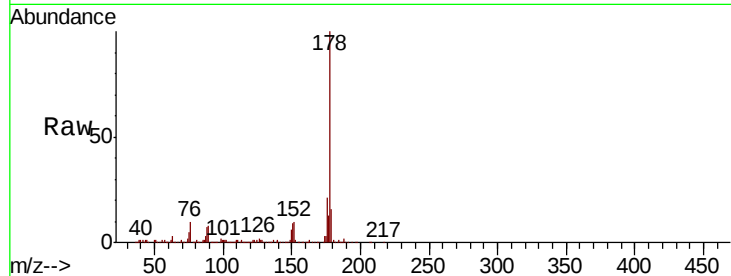




#71
Phenanthrene
Concen: 5.683 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

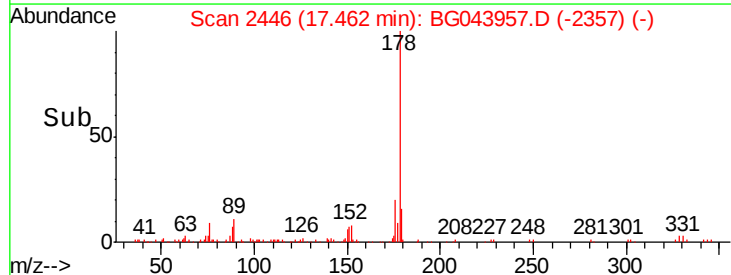
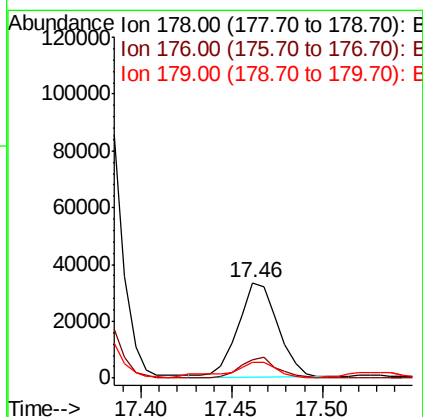
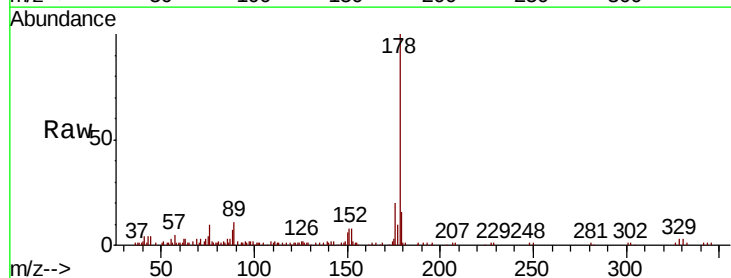
Instrument :
BNA_G
ClientSampleId :

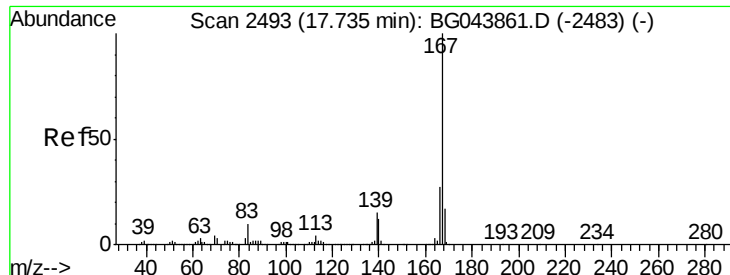
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	18.6	28.0
179	15.7	14.4	21.6



#72
Anthracene
Concen: 1.251 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	18.3	27.5
179	16.4	14.6	22.0





#73

Carbazole

Concen: 0.347 ng

RT: 17.73 min Scan# 2492

Delta R.T. -0.00 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

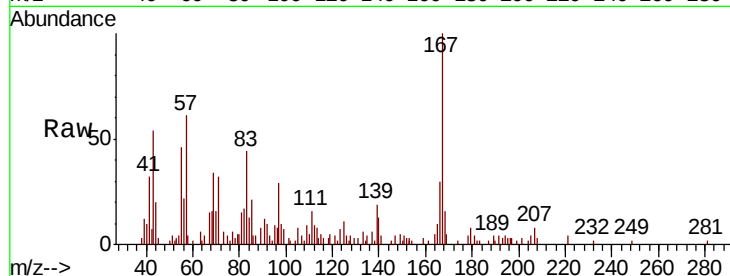
Tot Ion:167 Resp: 12883

Ion Ratio Lower Upper

167 100

166 30.0 21.6 32.4

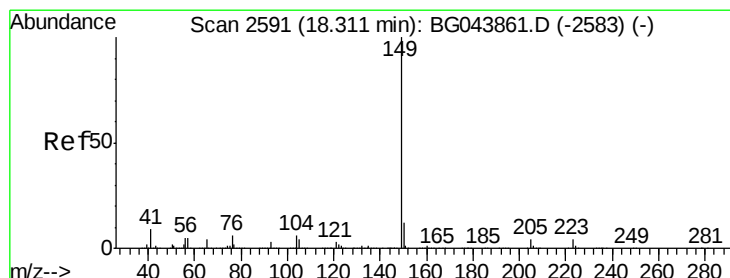
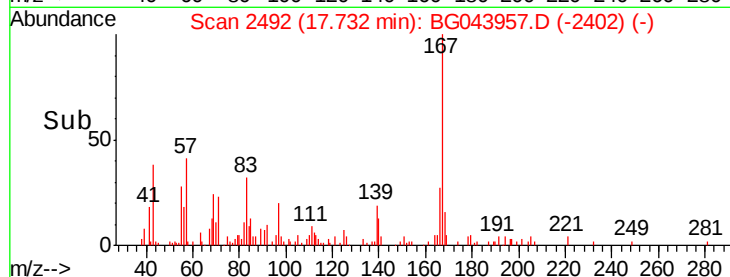
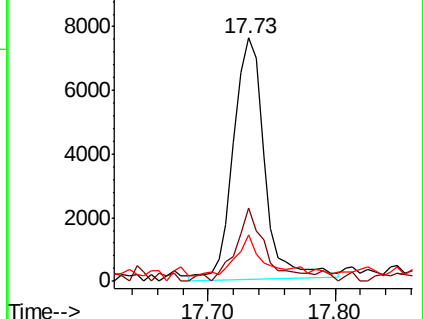
139 18.9 12.1 18.1#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 0.150 ng

RT: 18.30 min Scan# 2589

Delta R.T. -0.01 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

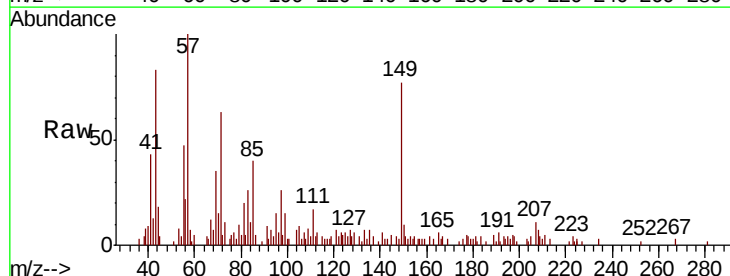
Tgt Ion:149 Resp: 7101

Ion Ratio Lower Upper

149 100

150 13.5 9.7 14.5

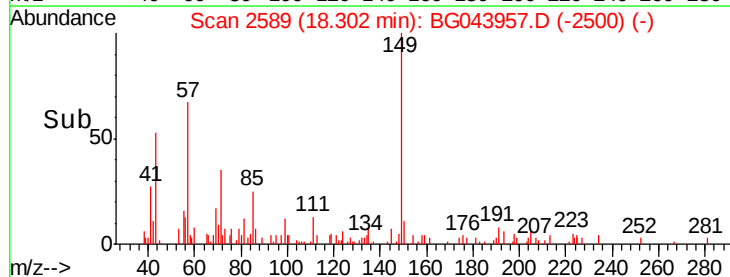
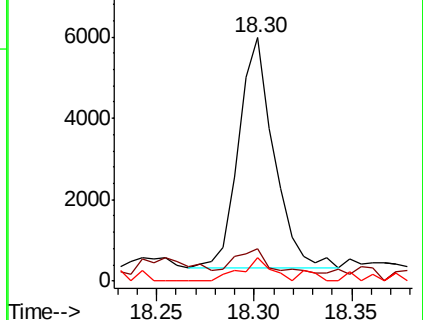
104 9.5 5.0 7.4#

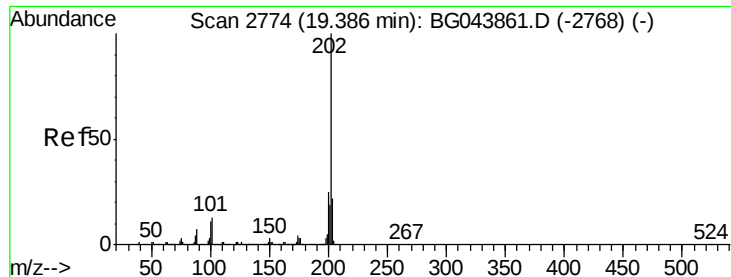


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 8.517 ng

RT: 19.38 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

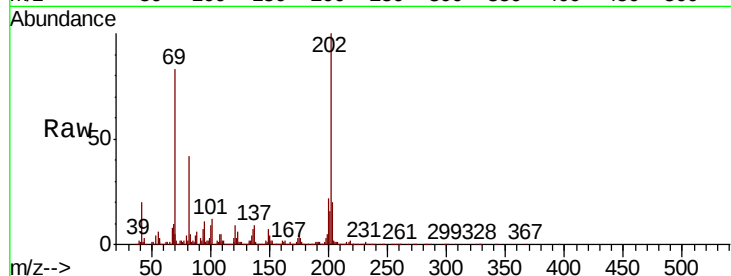
Tot Ion:202 Resp: 396574

Ion Ratio Lower Upper

202 100

101 12.1 0.0 33.3

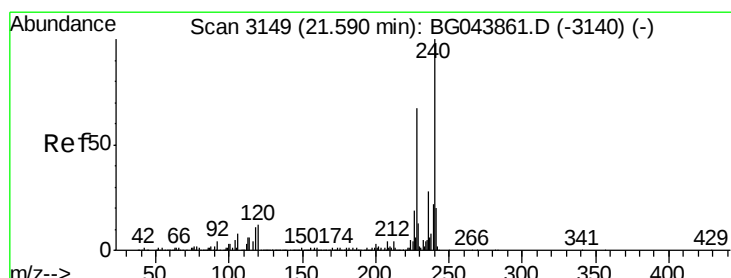
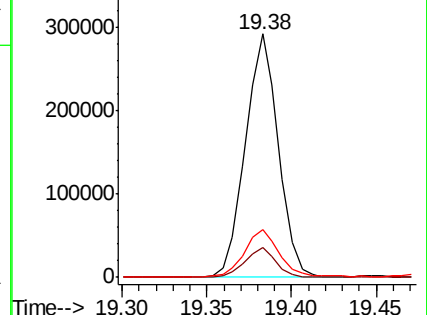
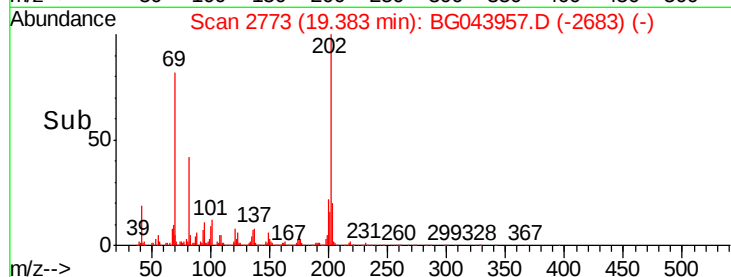
203 19.6 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

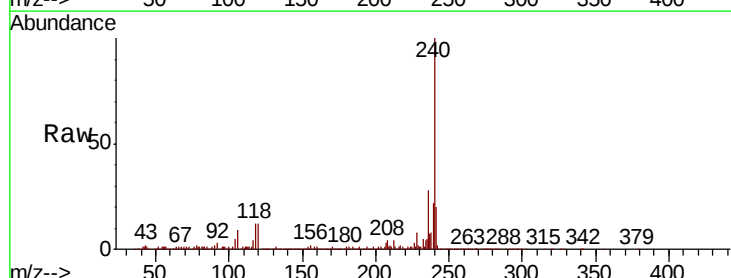
Tgt Ion:240 Resp: 730717

Ion Ratio Lower Upper

240 100

120 11.8 9.6 14.4

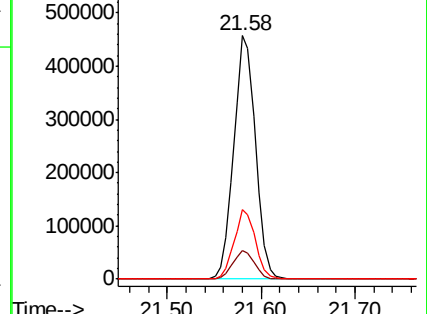
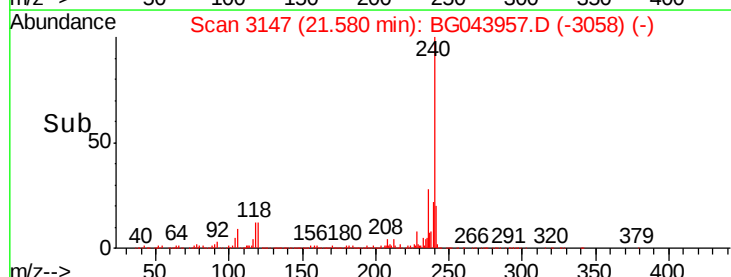
236 28.4 22.2 33.2

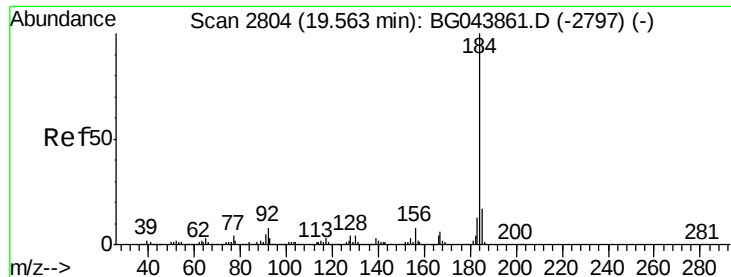


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.030 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampled :

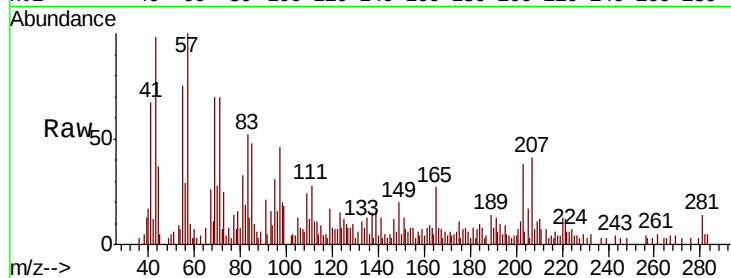
Tot Ion:184 Resp: 544

Ion Ratio Lower Upper

184 100

185 81.3 13.4 20.0#

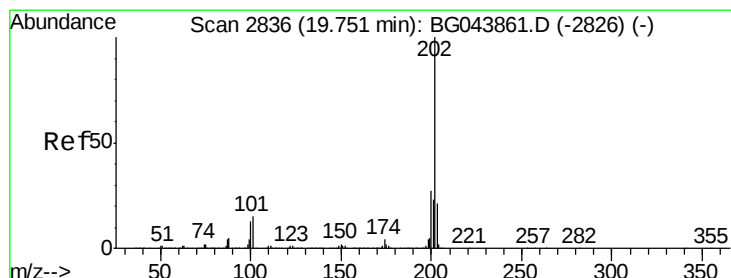
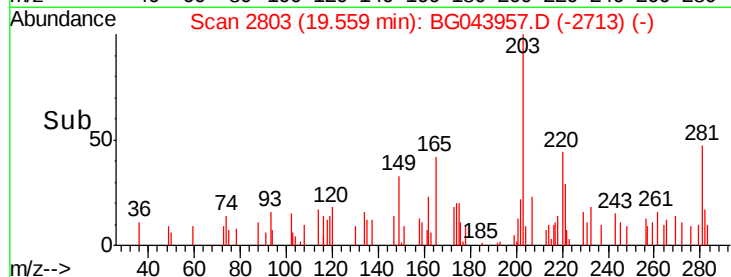
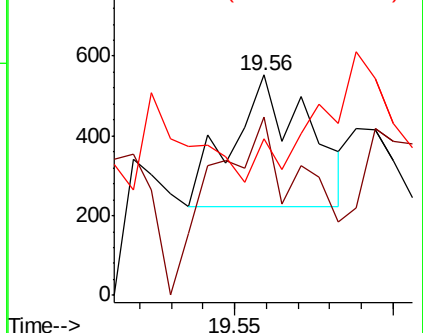
183 71.0 10.6 15.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 7.939 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

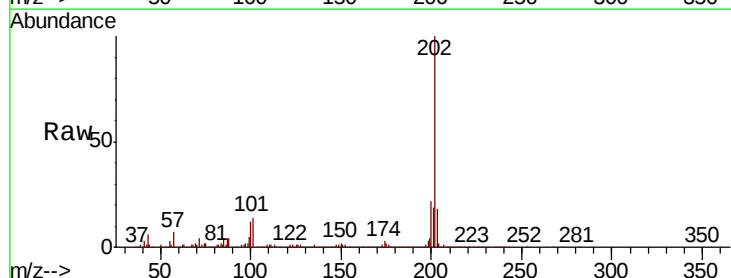
Tgt Ion:202 Resp: 378675

Ion Ratio Lower Upper

202 100

200 22.0 21.7 32.5

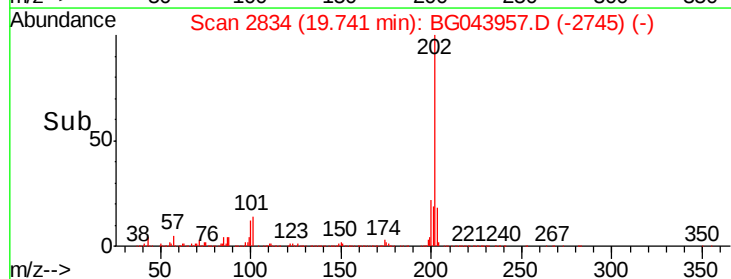
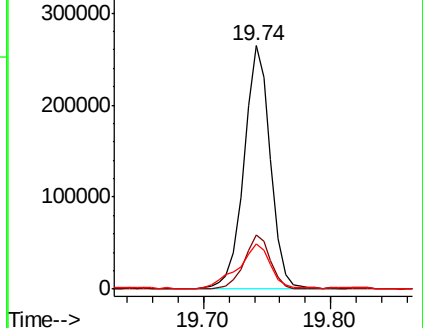
203 18.4 17.0 25.6

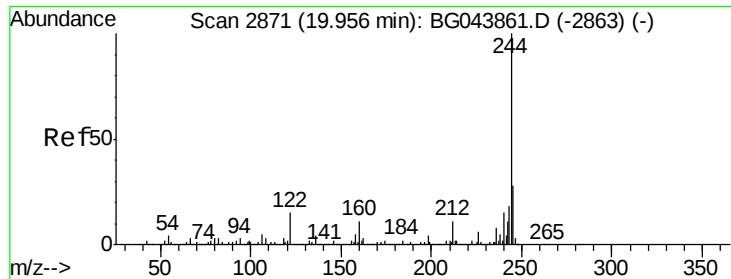


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 23.554 ng

RT: 19.95 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

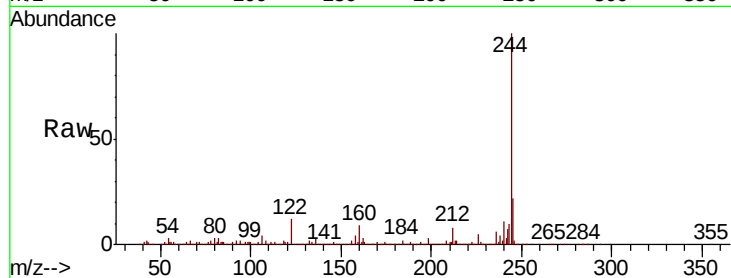
Tot Ion:244 Resp: 984361

Ion Ratio Lower Upper

244 100

212 8.0 8.6 13.0#

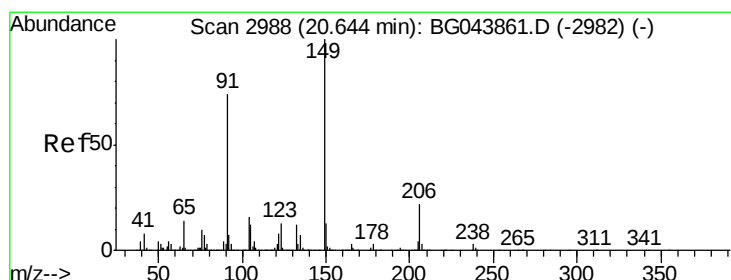
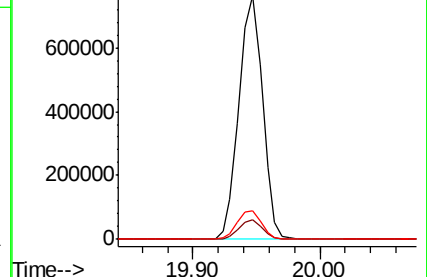
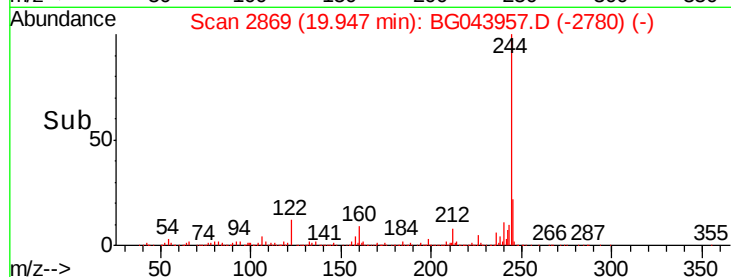
122 11.8 11.9 17.9#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.029 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

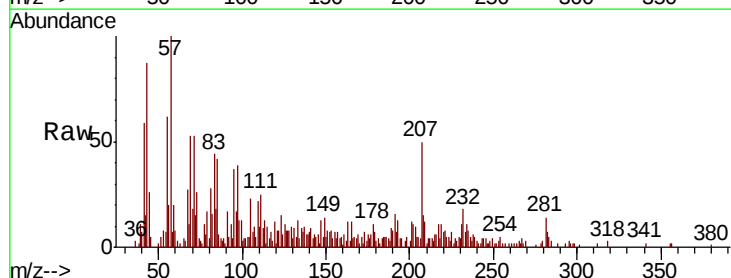
Tgt Ion:149 Resp: 667

Ion Ratio Lower Upper

149 100

91 116.6 59.5 89.3#

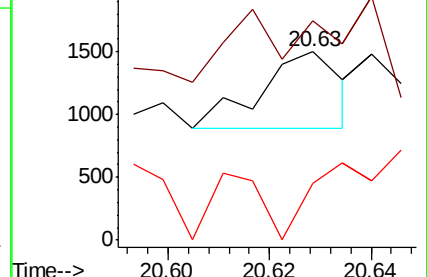
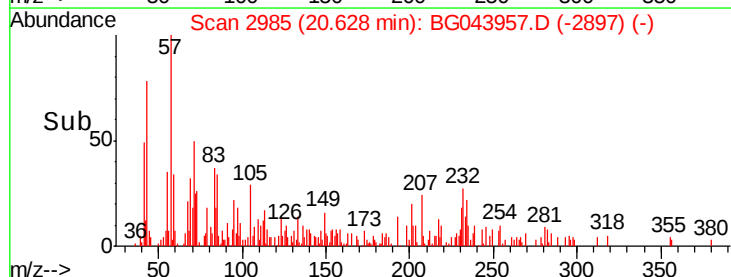
206 30.2 17.8 26.6#

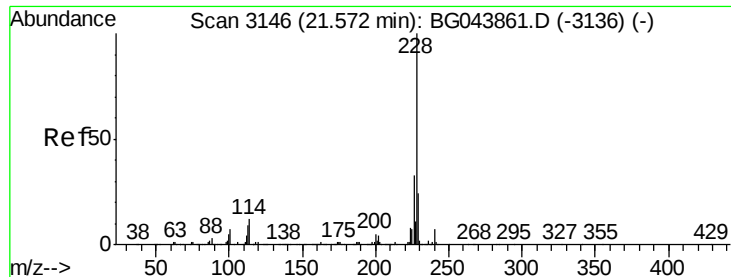


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 4.229 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG043957.D

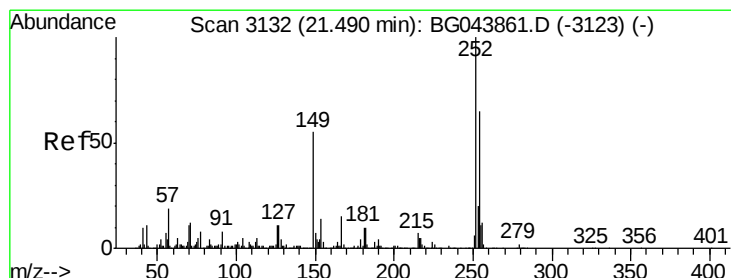
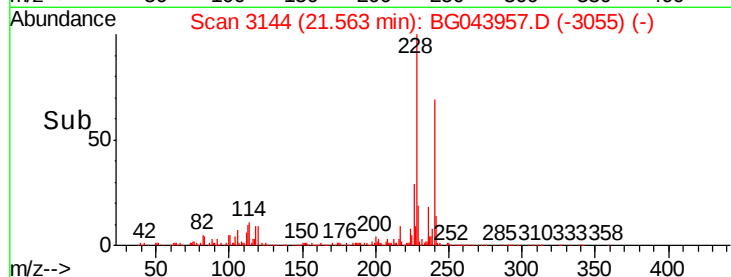
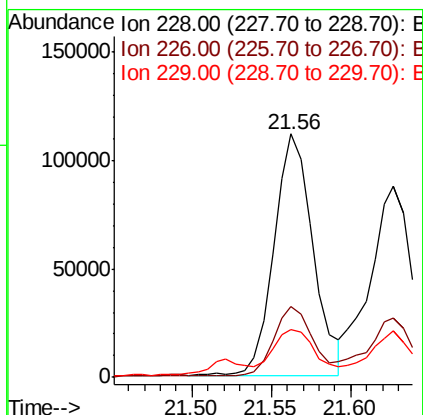
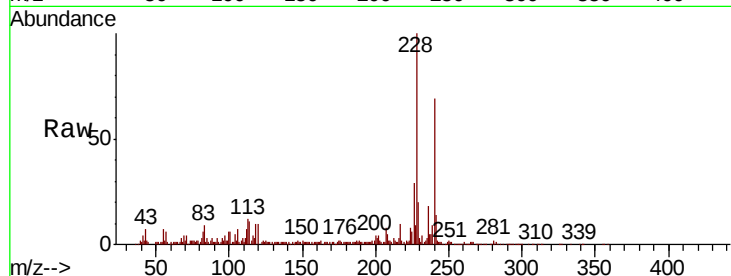
Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampled :

Tot Ion:	228	Resp:	191615
Ion	Ratio	Lower	Upper
228	100		
226	29.3	26.2	39.4
229	19.8	18.9	28.3



#82

3,3'-Dichlorobenzidine

Concen: 0.014 ng

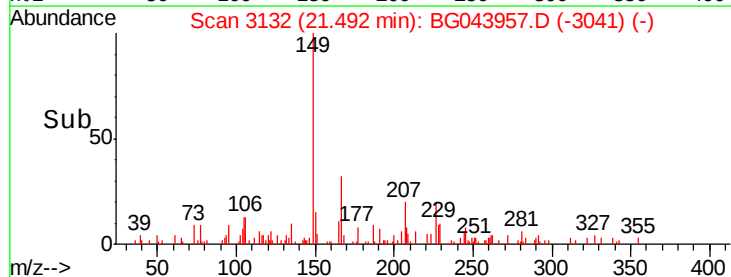
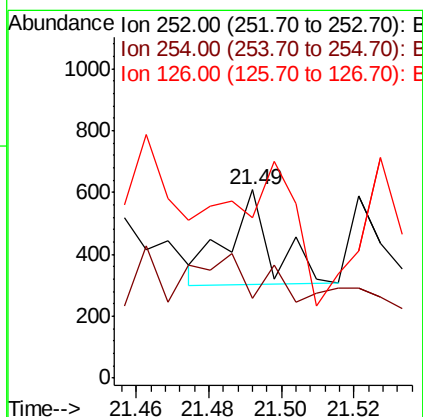
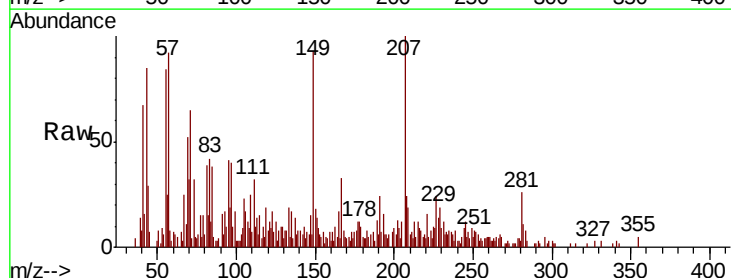
RT: 21.49 min Scan# 3132

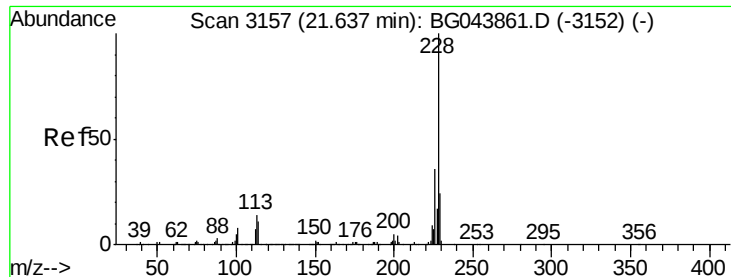
Delta R.T. 0.00 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Tgt Ion:	252	Resp:	258
Ion	Ratio	Lower	Upper
252	100		
254	42.4	52.1	78.1#
126	85.5	9.1	13.7#

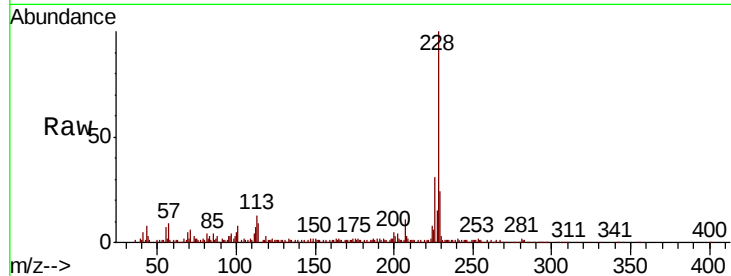




#83
Chrysene
Concen: 3.749 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	28.8	43.2
229	24.2	19.0	28.6

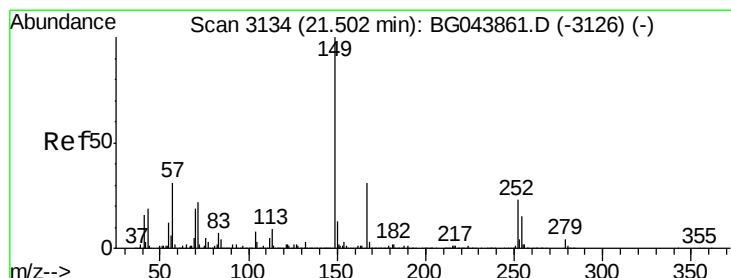
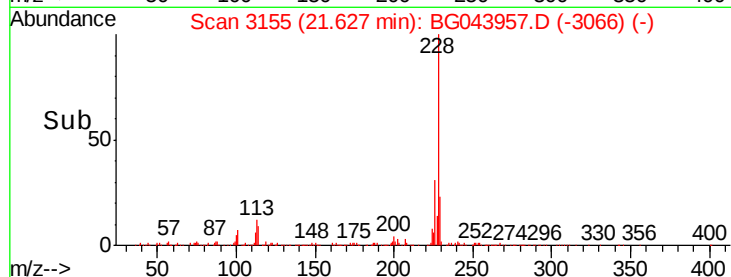
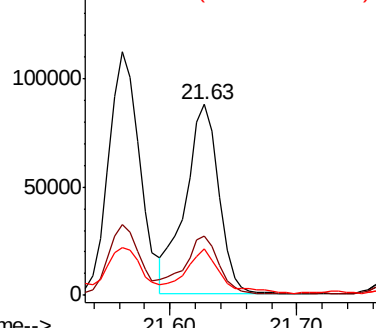


Abundance

Ion 228.00 (227.70 to 228.70): E

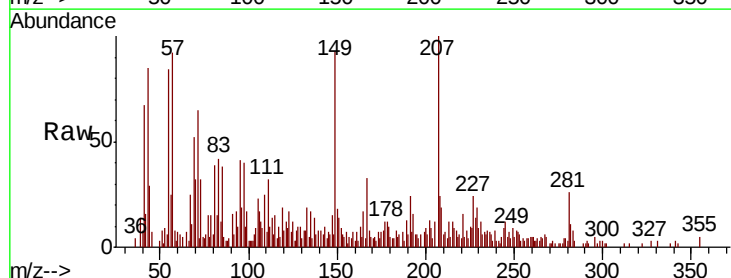
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 0.342 ng
RT: 21.49 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG043957.D
Acq: 7 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	35.5	24.7	37.1
279	4.7	3.3	4.9

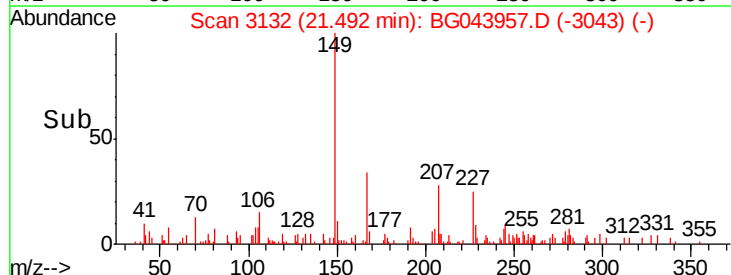
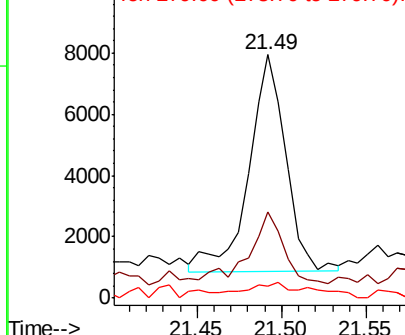


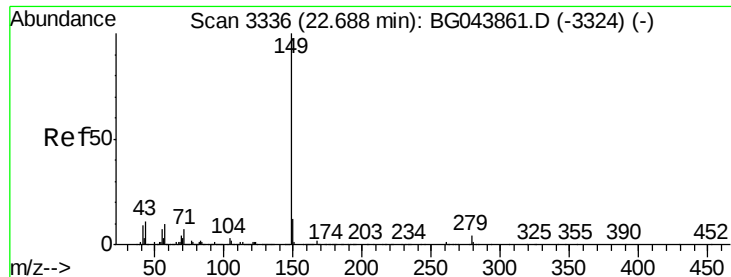
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.061 ng

RT: 22.67 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

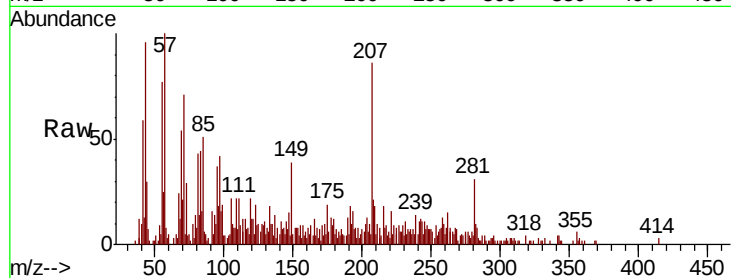
Tot Ion:149 Resp: 3194

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

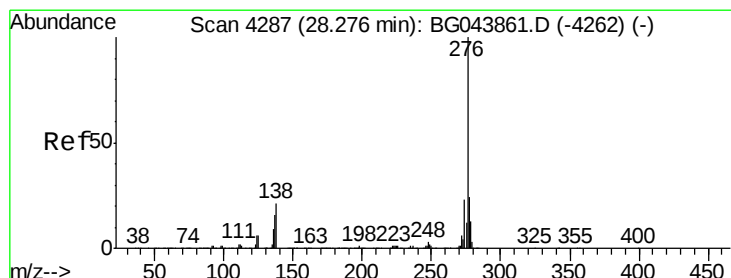
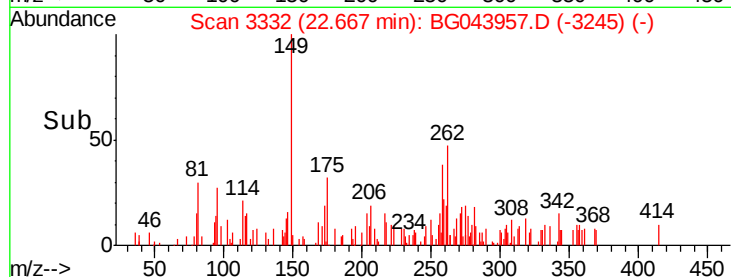
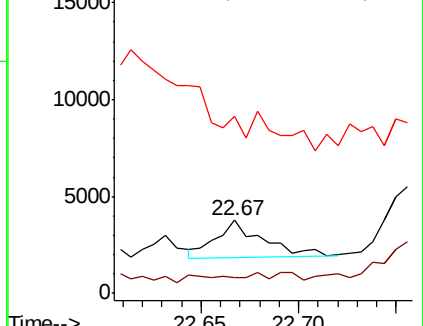
43 0.0 8.8 13.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 1.759 ng

RT: 28.25 min Scan# 4282

Delta R.T. -0.03 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

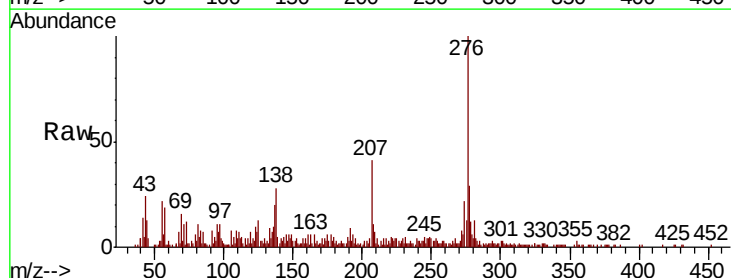
Tgt Ion:276 Resp: 102899

Ion Ratio Lower Upper

276 100

138 22.7 21.0 31.4

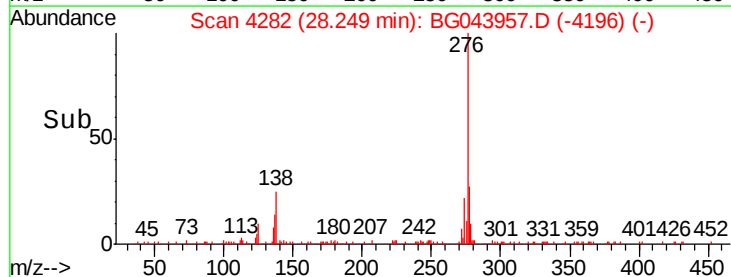
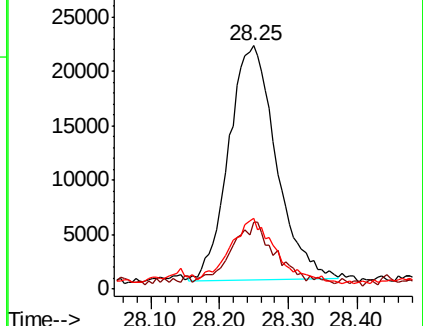
277 27.0 21.1 31.7

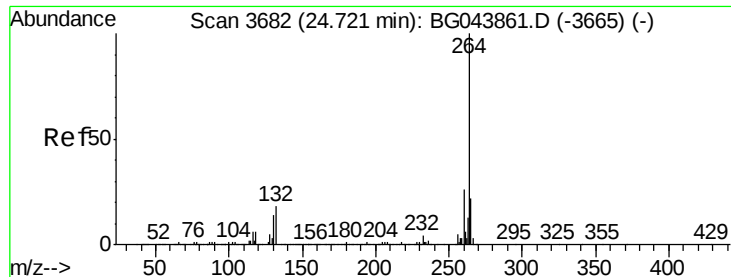


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

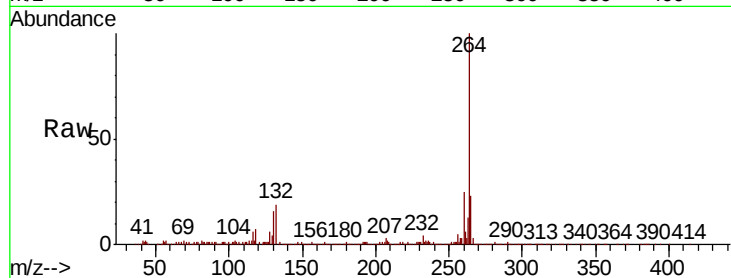
Tot Ion:264 Resp: 830736

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

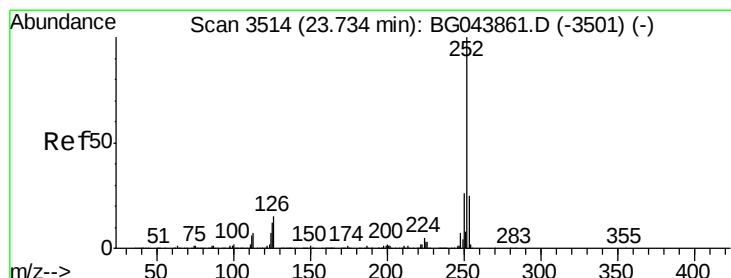
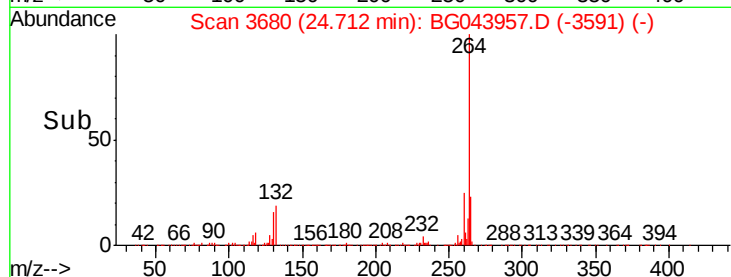
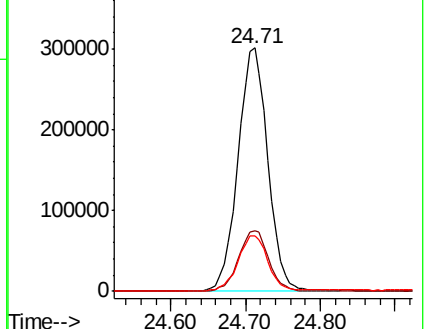
265 22.8 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 4.698 ng

RT: 23.72 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

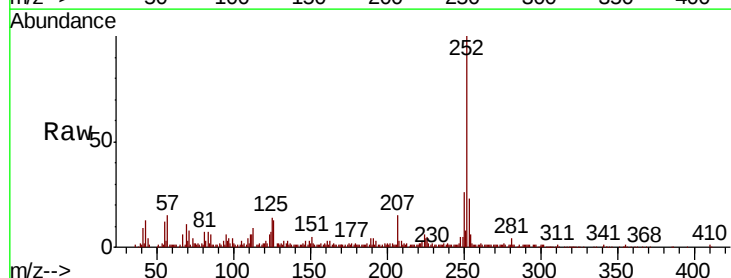
Tgt Ion:252 Resp: 230702

Ion Ratio Lower Upper

252 100

253 23.4 19.7 29.5

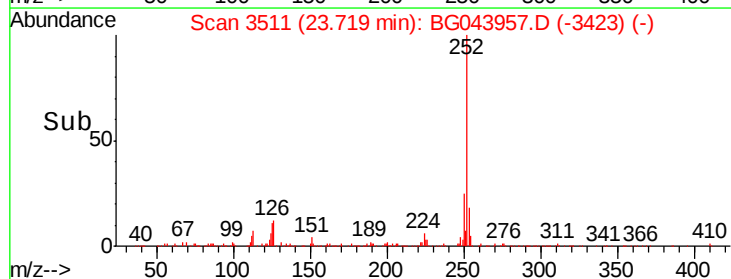
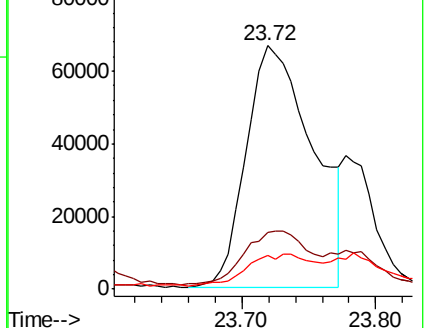
125 13.8 9.4 14.2

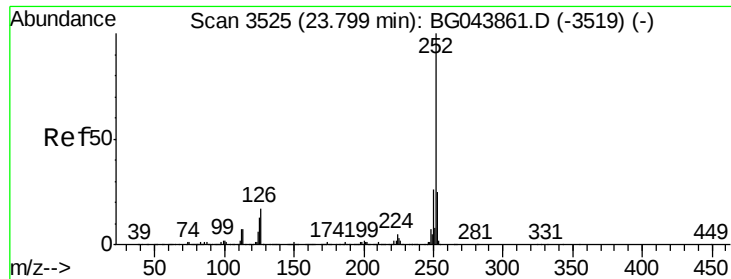


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 4.940 ng

RT: 23.72 min Scan# 3511

Delta R.T. -0.08 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

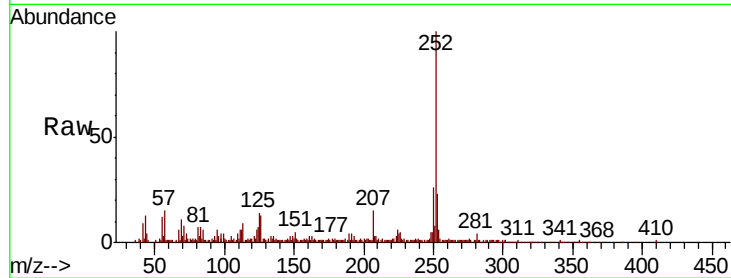
Tot Ion:252 Resp: 230702

Ion Ratio Lower Upper

252 100

253 23.4 19.4 29.2

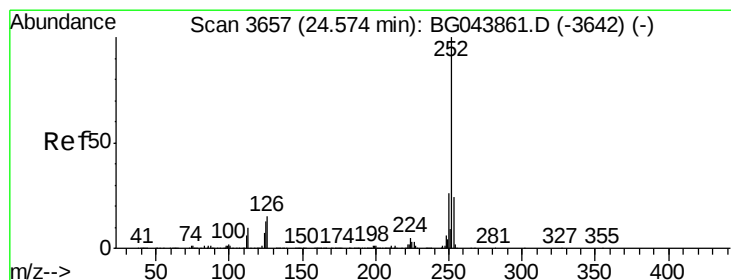
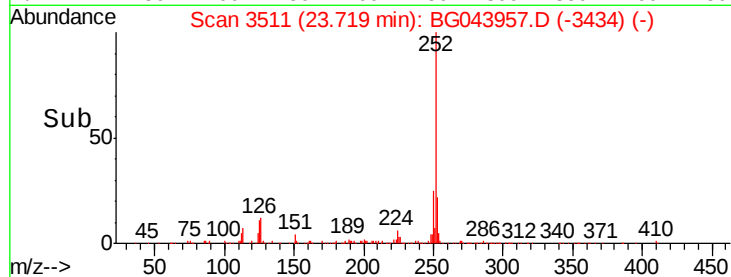
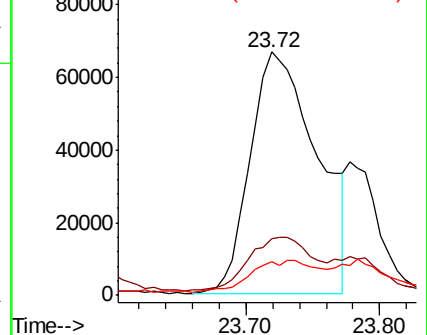
125 13.8 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 3.573 ng

RT: 24.56 min Scan# 3654

Delta R.T. -0.02 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

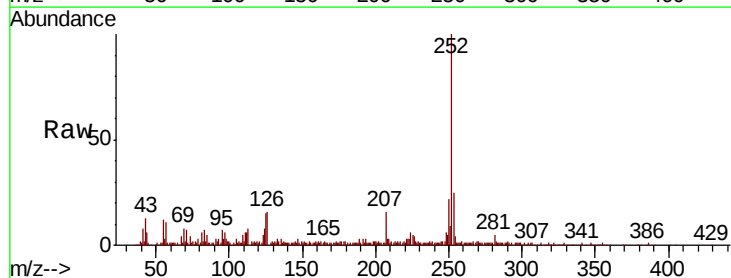
Tgt Ion:252 Resp: 165631

Ion Ratio Lower Upper

252 100

253 24.7 19.3 28.9

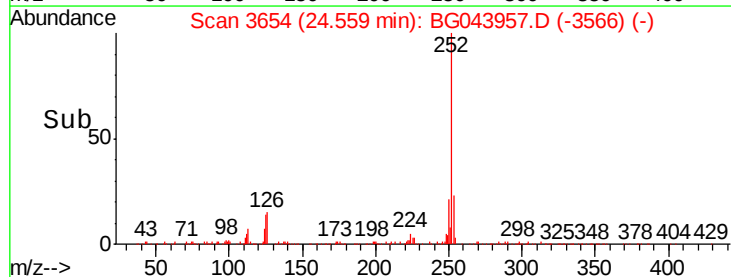
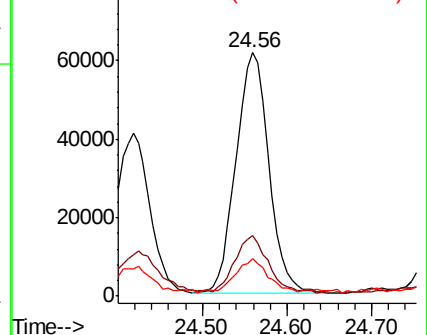
125 15.4 10.4 15.6

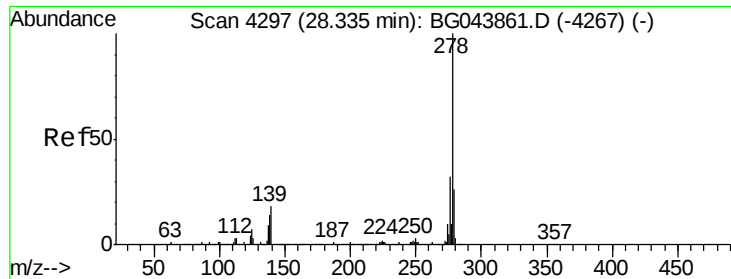


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 0.242 ng

RT: 28.28 min Scan# 4287

Delta R.T. -0.06 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

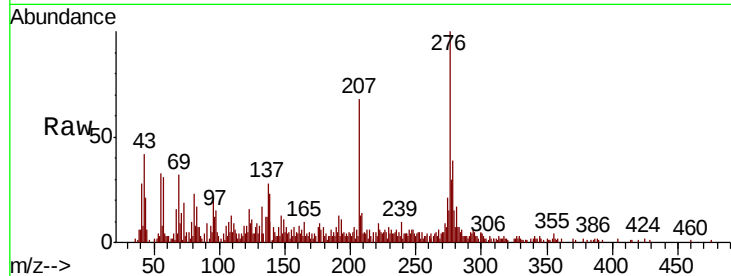
Tot Ion:278 Resp: 11260

Ion Ratio Lower Upper

278 100

139 26.2 14.2 21.4#

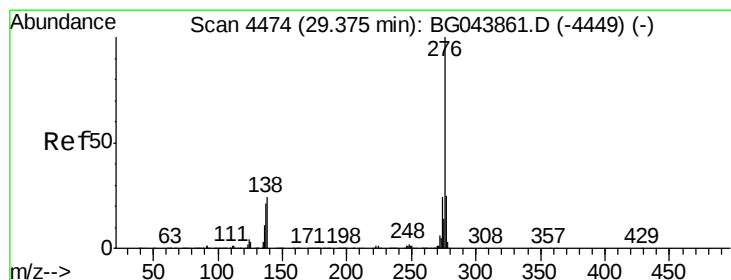
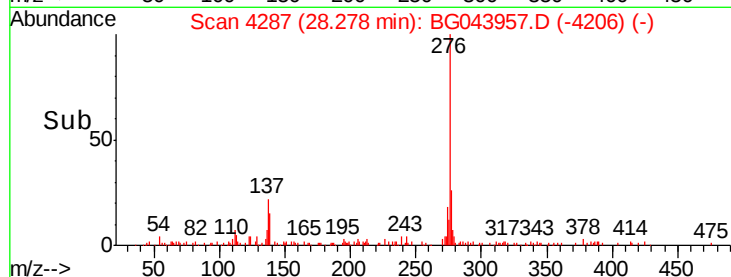
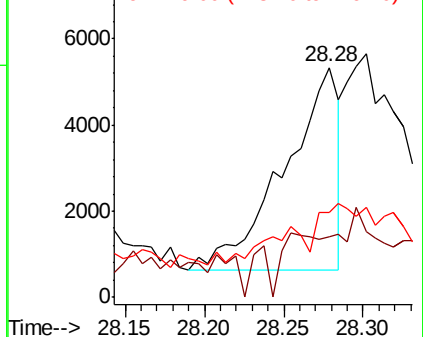
279 37.1 20.6 30.8#



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



#92

Benzo(g,h,i)perylene

Concen: 2.302 ng

RT: 29.34 min Scan# 4467

Delta R.T. -0.04 min

Lab File: BG043957.D

Acq: 7 Jan 2020 16:41

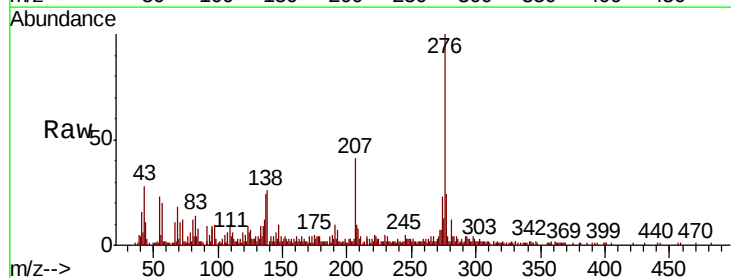
Tgt Ion:276 Resp: 106426

Ion Ratio Lower Upper

276 100

277 24.1 20.2 30.4

138 26.0 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

