

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
 Data File : BG043874.D
 Acq On : 2 Jan 2020 14:21
 Operator : JU
 Sample : K5111-01
 Misc : LOD-MDL SOIL 8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 02 16:27:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 16:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	124510	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	556720	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	368771	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	809900	20.00	ng	0.00
76) Chrysene-d12	21.59	240	710791	20.00	ng	0.00
87) Perylene-d12	24.71	264	790925	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	941178	138.79	ng	0.00
7) Phenol-d6	7.12	99	1307582	137.95	ng	0.00
23) Nitrobenzene-d5	9.12	82	1021397	98.15	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	558287	144.67	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2145828	105.42	ng	0.00
79) Terphenyl-d14	19.95	244	2869872	97.47	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	22836	7.723	ng	95
3) Pyridine	3.84	79	57739	6.610	ng	96
4) n-Nitrosodimethylamine	3.75	42	27964	7.191	ng	# 99
6) Aniline	7.29	93	95220	7.648	ng	98
8) 2-Chlorophenol	7.53	128	61597	7.737	ng	98
9) Benzaldehyde	7.10	77	59230	9.763	ng	98
10) Phenol	7.15	94	73839	7.561	ng	93
11) bis(2-Chloroethyl)ether	7.38	93	64350	7.633	ng	94
12) 1,3-Dichlorobenzene	7.86	146	71666	7.693	ng	100
13) 1,4-Dichlorobenzene	8.00	146	70725	7.694	ng	98
14) 1,2-Dichlorobenzene	8.32	146	66240	7.508	ng	98
15) Benzyl Alcohol	8.20	79	53413	7.140	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	94954	7.280	ng	96
17) 2-Methylphenol	8.40	107	51508	7.288	ng	96
18) Hexachloroethane	9.05	117	26467	7.400	ng	97
19) n-Nitroso-di-n-propylamine	8.77	70	54103	7.664	ng	99
20) 3+4-Methylphenols	8.72	107	70183	7.119	ng	98
22) Acetophenone	8.78	105	104672	7.563	ng	# 96
24) Nitrobenzene	9.15	77	77231	7.493	ng	95
25) Isophorone	9.68	82	145375	7.446	ng	98
26) 2-Nitrophenol	9.88	139	28774	5.901	ng	99
27) 2,4-Dimethylphenol	9.94	122	41738	5.686	ng	90
28) bis(2-Chloroethoxy)methane	10.17	93	93941	7.217	ng	98
29) 2,4-Dichlorophenol	10.41	162	60136	6.868	ng	93
30) 1,2,4-Trichlorobenzene	10.63	180	69734	7.103	ng	96
31) Naphthalene	10.81	128	214661	7.968	ng	97
33) 4-Chloroaniline	10.92	127	89338	6.953	ng	99
34) Hexachlorobutadiene	11.11	225	40092	6.688	ng	96
35) Caprolactam	11.65	113	22086	6.776	ng	96
36) 4-Chloro-3-methylphenol	12.04	107	64369	6.906	ng	97
37) 2-Methylnaphthalene	12.42	142	162565	8.015	ng	99
38) 1-Methylnaphthalene	12.64	142	157261	8.181	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	79646	7.369	ng	99
41) Hexachlorocyclopentadiene	12.78	237	37794	6.745	ng	98

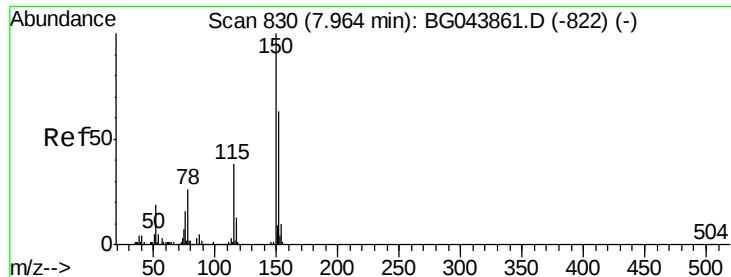
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
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 QLast Update : Thu Jan 02 16:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.03	196	47193	6.345	ng	96
44) 2,4,5-Trichlorophenol	13.10	196	54870	7.153	ng	95
46) 1,1'-Biphenyl	13.43	154	213024	8.057	ng	96
47) 2-Chloronaphthalene	13.47	162	159882	7.483	ng	93
48) 2-Nitroaniline	13.66	65	41096	5.980	ng	95
49) Acenaphthylene	14.31	152	257131	8.373	ng	96
50) Dimethylphthalate	14.04	163	211453	8.076	ng	96
51) 2,6-Dinitrotoluene	14.15	165	41019	6.931	ng	96
52) Acenaphthene	14.66	154	161456	7.497	ng	97
53) 3-Nitroaniline	14.48	138	44508	6.623	ng	97
54) 2,4-Dinitrophenol	14.69	184	9064	3.397	ng	# 72
55) Dibenzofuran	14.99	168	259525	8.754	ng	96
56) 4-Nitrophenol	14.79	139	31077	6.034	ng	97
57) 2,4-Dinitrotoluene	14.94	165	56624	7.031	ng	96
58) Fluorene	15.64	166	202378	8.613	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.22	232	46112	6.991	ng	97
60) Diethylphthalate	15.41	149	213870	8.166	ng	94
61) 4-Chlorophenyl-phenylether	15.63	204	104730	8.208	ng	94
62) 4-Nitroaniline	15.64	138	45941	6.922	ng	99
63) Azobenzene	15.93	77	203938	8.397	ng	94
65) 4,6-Dinitro-2-methylphenol	15.70	198	19650	4.989	ng	97
66) n-Nitrosodiphenylamine	15.85	169	183904	7.711	ng	97
67) 4-Bromophenyl-phenylether	16.53	248	62897	6.905	ng	94
68) Hexachlorobenzene	16.65	284	68570	6.986	ng	98
69) Atrazine	16.79	200	54906	7.082	ng	99
70) Pentachlorophenol	16.99	266	24954	4.612	ng	93
71) Phenanthrene	17.38	178	327133	8.421	ng	94
72) Anthracene	17.47	178	327473	8.530	ng	94
73) Carbazole	17.73	167	295604	8.336	ng	93
74) Di-n-butylphthalate	18.31	149	360622	7.965	ng	# 93
75) Fluoranthene	19.39	202	378759	8.525	ng	93
77) Benzidine	19.56	184	125007	6.997	ng	99
78) Pyrene	19.75	202	392403	8.458	ng	92
80) Butylbenzylphthalate	20.64	149	142401	6.447	ng	97
81) Benzo(a)anthracene	21.57	228	361326	8.198	ng	92
82) 3,3'-Dichlorobenzidine	21.49	252	130982	7.522	ng	98
83) Chrysene	21.63	228	340618	8.133	ng	94
84) Bis(2-ethylhexyl)phthalate	21.50	149	222756	7.309	ng	94
85) Di-n-octyl phthalate	22.68	149	352817	6.886	ng	97
86) Indeno(1,2,3-cd)pyrene	28.25	276	389170	6.838	ng	# 89
88) Benzo(b)fluoranthene	23.72	252	344343	7.364	ng	96
89) Benzo(k)fluoranthene	23.72	252	344343	7.744	ng	96
90) Benzo(a)pyrene	24.57	252	317350	7.191	ng	# 94
91) Dibenzo(a,h)anthracene	28.32	278	329815	7.442	ng	97
92) Benzo(g,h,i)perylene	29.35	276	322906	7.335	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Instrument :

BNA_G

ClientSampleId :

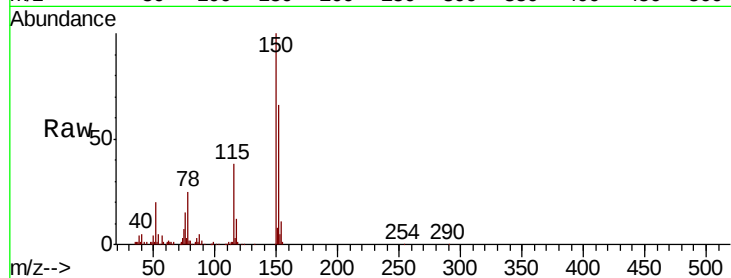
Tot Ion:152 Resp: 124510

Ion Ratio Lower Upper

152 100

150 150.6 127.0 190.4

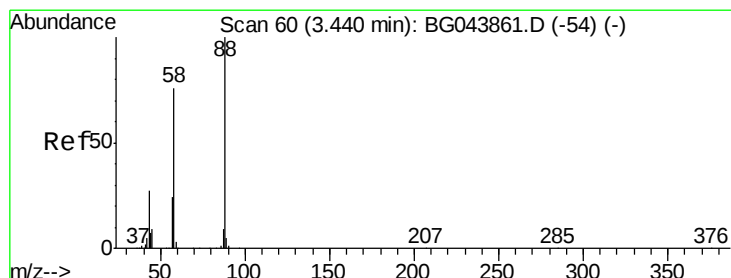
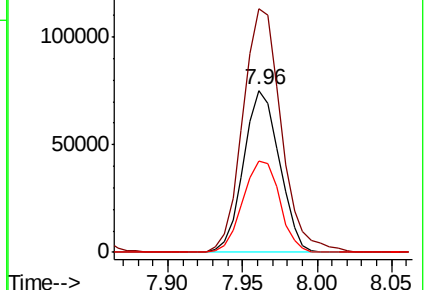
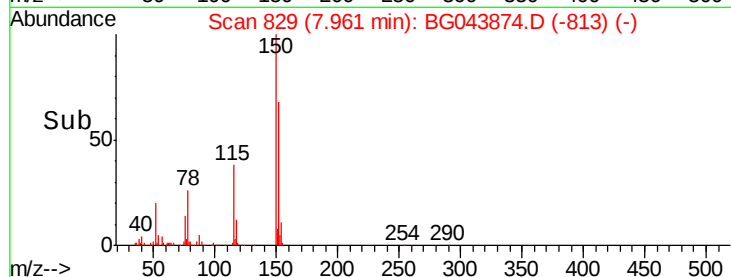
115 56.5 47.8 71.8



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: 7.723 ng

RT: 3.44 min Scan# 59

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

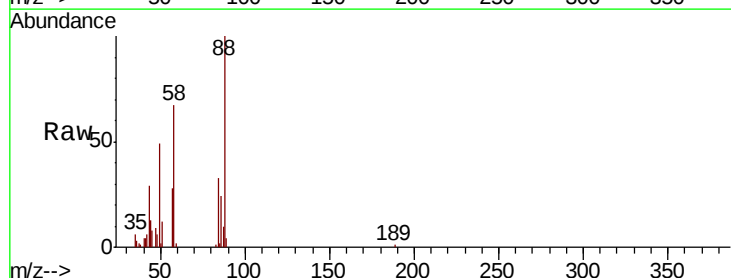
Tgt Ion: 88 Resp: 22836

Ion Ratio Lower Upper

88 100

58 70.9 59.8 89.8

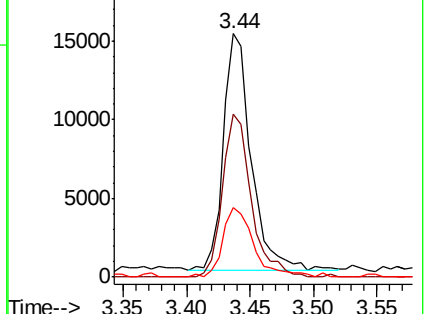
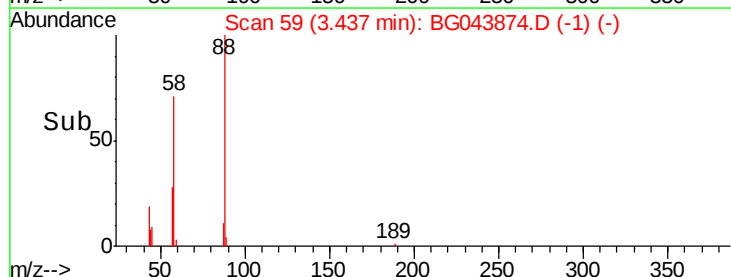
43 32.6 22.9 34.3

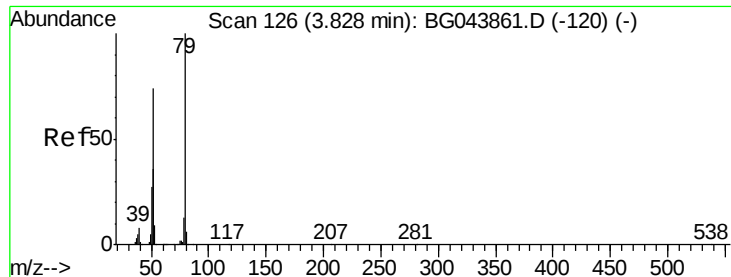


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 6.610 ng

RT: 3.84 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Instrument :

BNA_G

ClientSampleId :

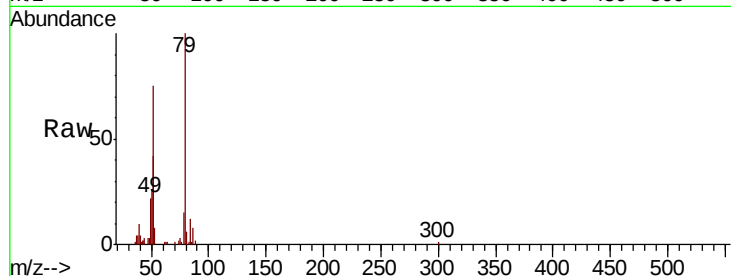
Tot Ion: 79 Resp: 57739

Ion Ratio Lower Upper

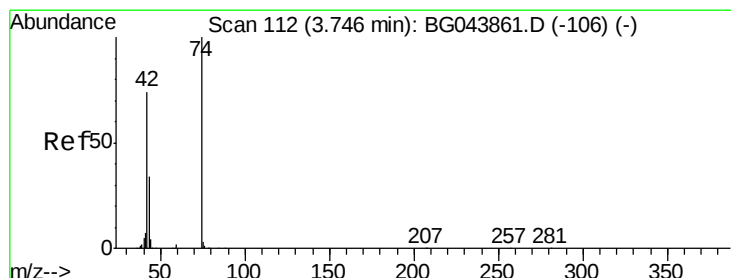
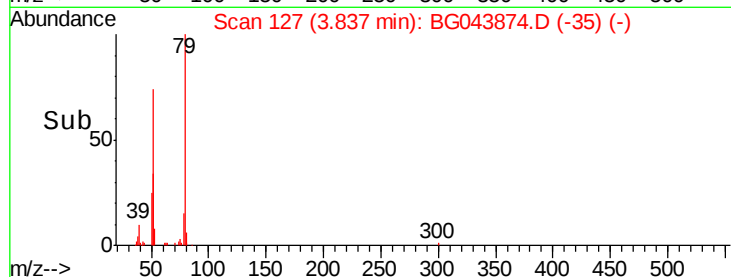
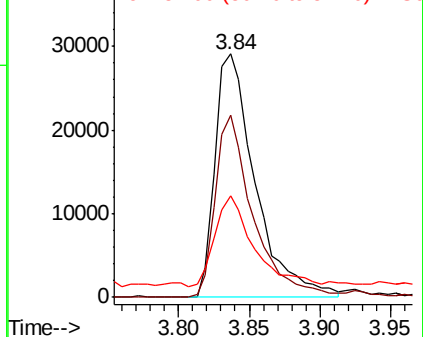
79 100

52 74.9 58.9 88.3

51 41.9 28.6 43.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 7.191 ng

RT: 3.75 min Scan# 112

Delta R.T. 0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

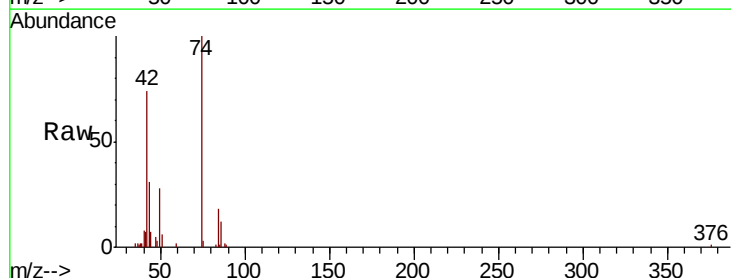
Tgt Ion: 42 Resp: 27964

Ion Ratio Lower Upper

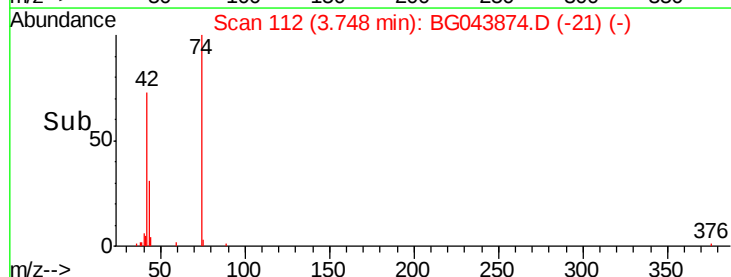
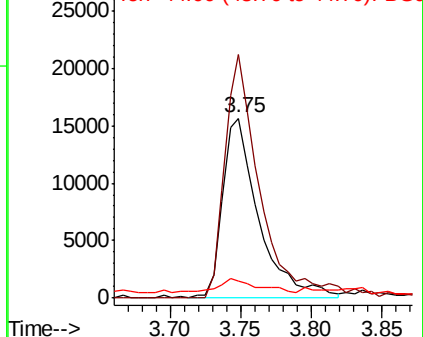
42 100

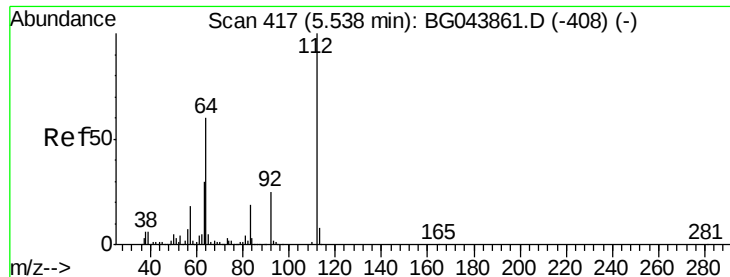
74 135.2 108.6 162.8

44 9.8 5.0 7.6#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 138.793 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Instrument :

BNA_G

ClientSampleId :

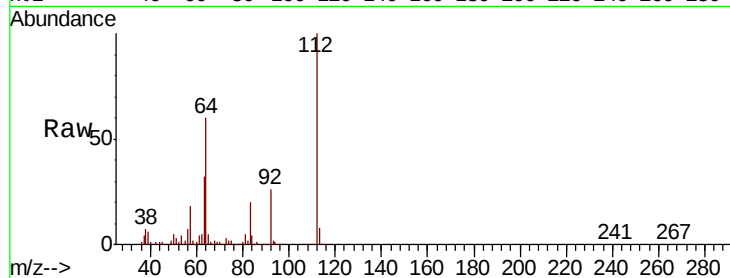
Tot Ion:112 Resp: 941178

Ion Ratio Lower Upper

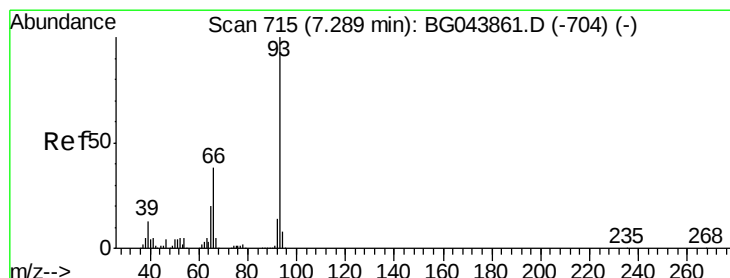
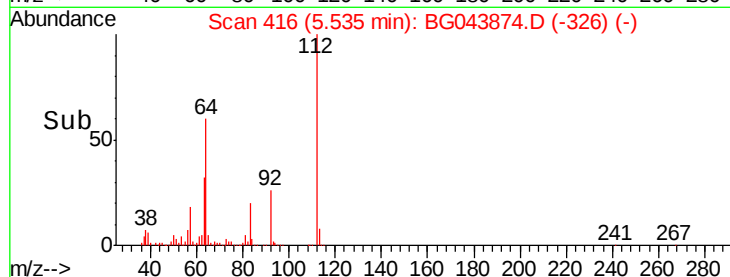
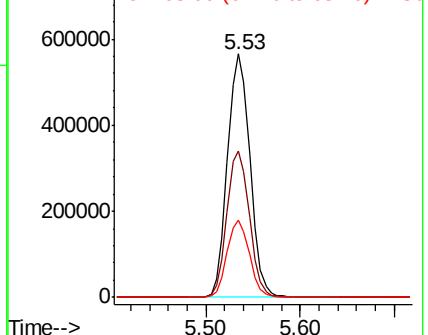
112 100

64 60.3 47.8 71.6

63 31.6 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.648 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

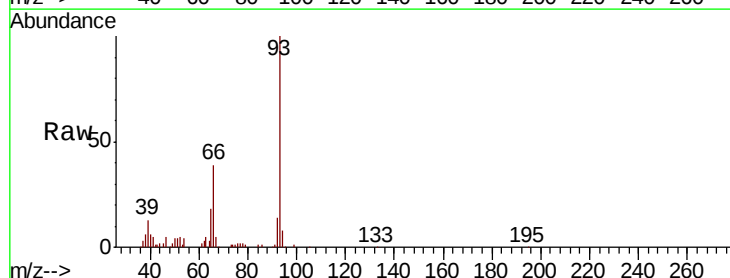
Tgt Ion: 93 Resp: 95220

Ion Ratio Lower Upper

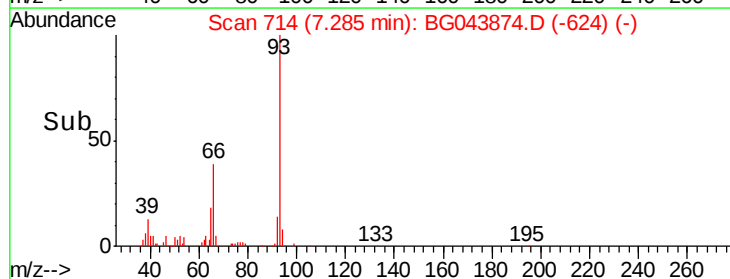
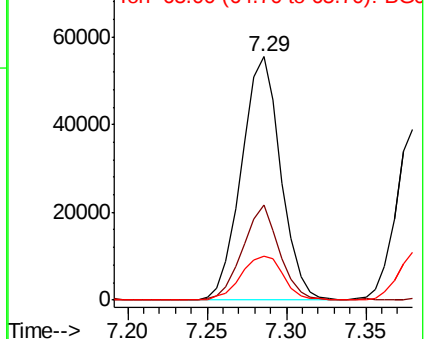
93 100

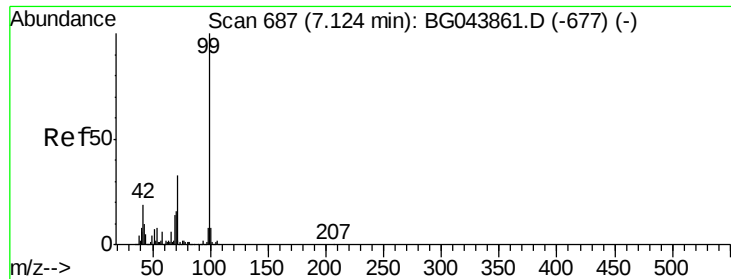
66 39.0 30.8 46.2

65 18.1 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: 137.948 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Instrument :

BNA_G

ClientSampleId :

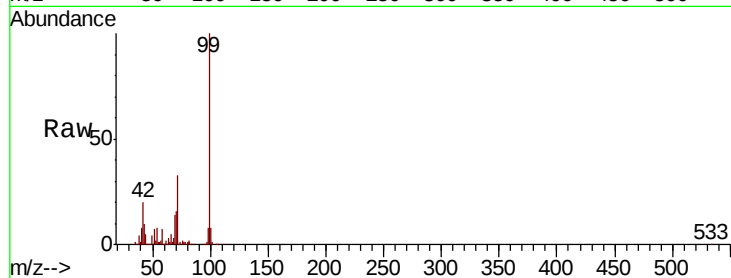
Tot Ion: 99 Resp: 1307582

Ion Ratio Lower Upper

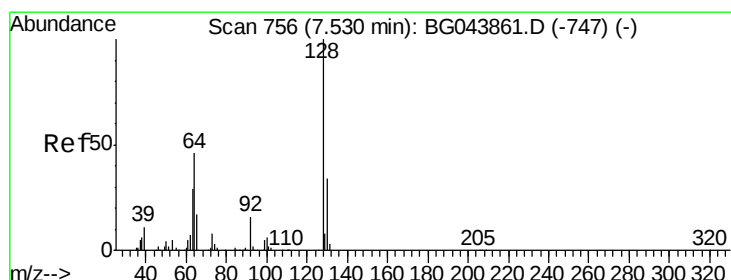
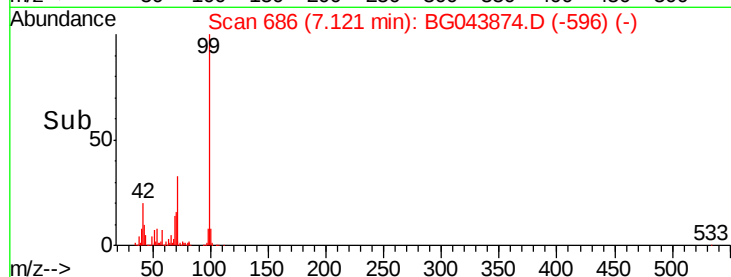
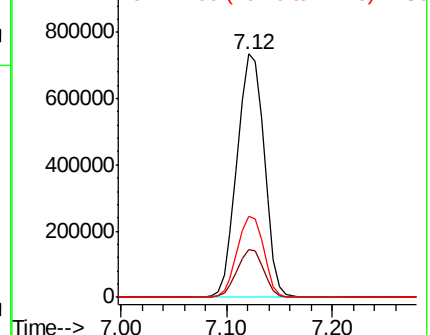
99 100

42 19.7 14.9 22.3

71 33.5 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: 7.737 ng

RT: 7.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

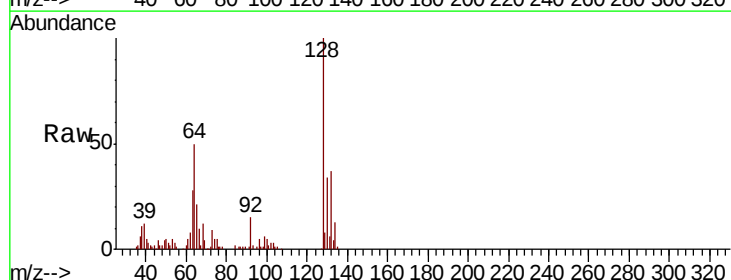
Tgt Ion:128 Resp: 61597

Ion Ratio Lower Upper

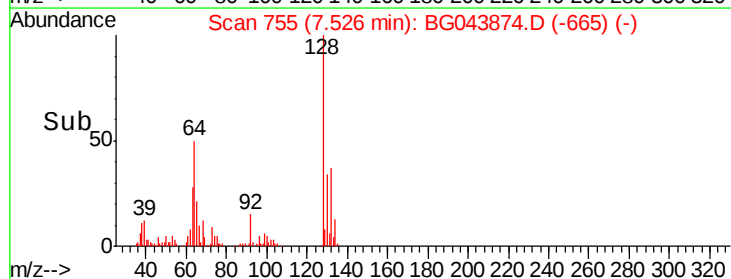
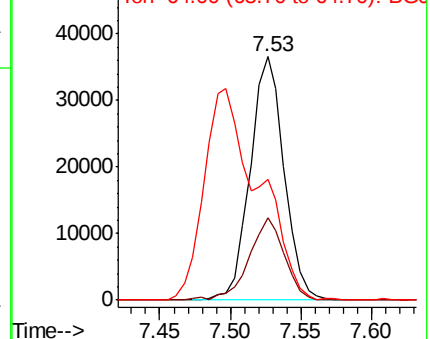
128 100

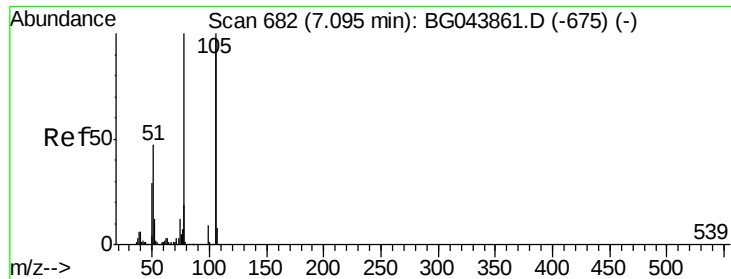
130 33.9 13.8 53.8

64 49.7 27.6 67.6



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





#9

Benzaldehyde

Concen: 9.763 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Instrument :

BNA_G

ClientSampleId :

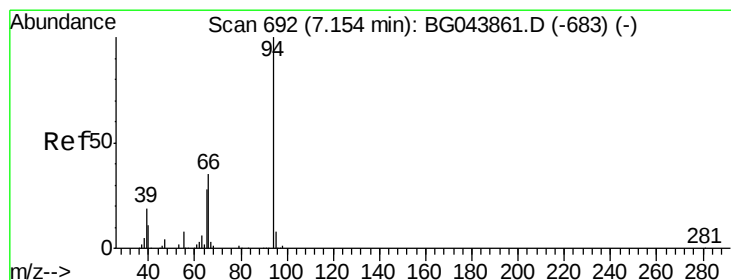
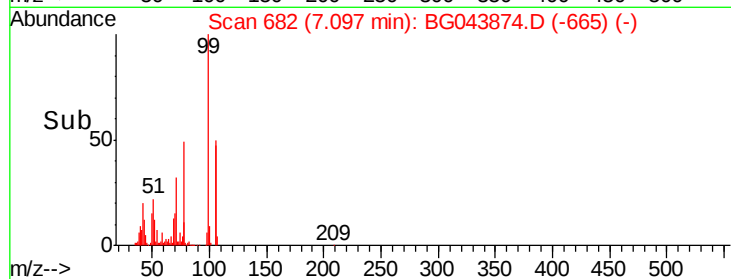
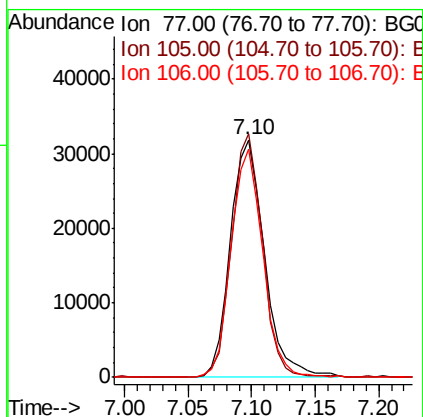
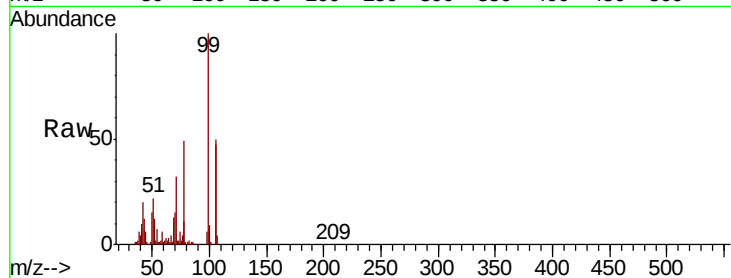
Tot Ion: 77 Resp: 59230

Ion Ratio Lower Upper

77 100

105 102.5 80.2 120.2

106 95.9 77.2 117.2



#10

Phenol

Concen: 7.561 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

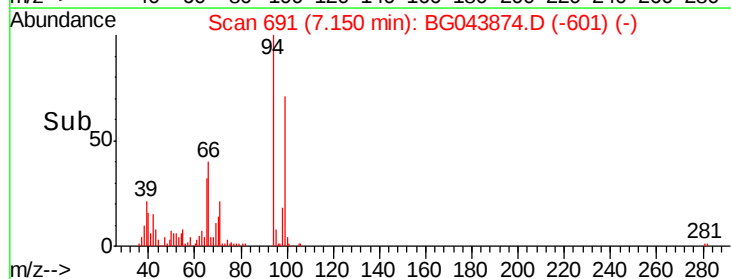
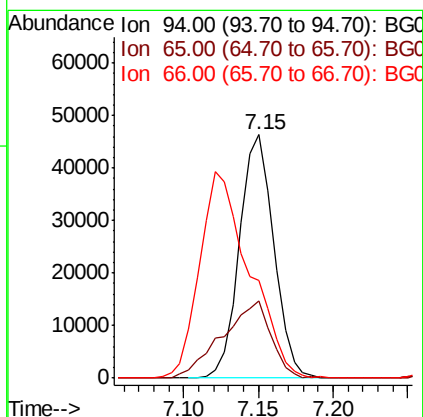
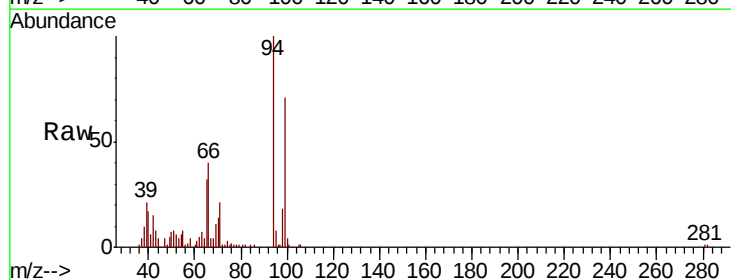
Tgt Ion: 94 Resp: 73839

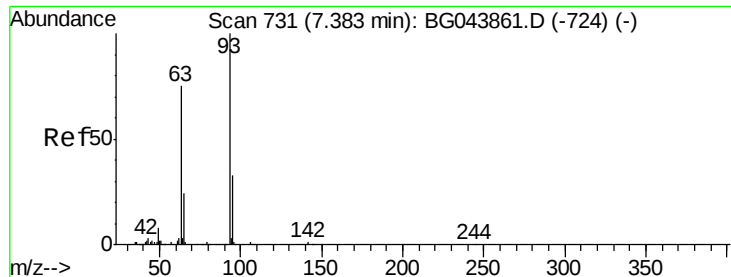
Ion Ratio Lower Upper

94 100

65 31.9 8.1 48.1

66 39.9 15.6 55.6





#11

bis(2-Chloroethyl)ether

Concen: 7.633 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Instrument :

BNA_G

ClientSampleId :

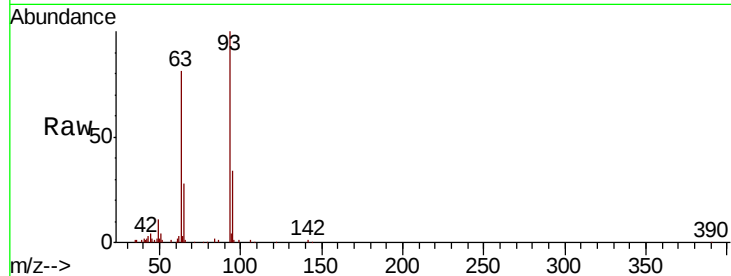
Tot Ion: 93 Resp: 64350

Ion Ratio Lower Upper

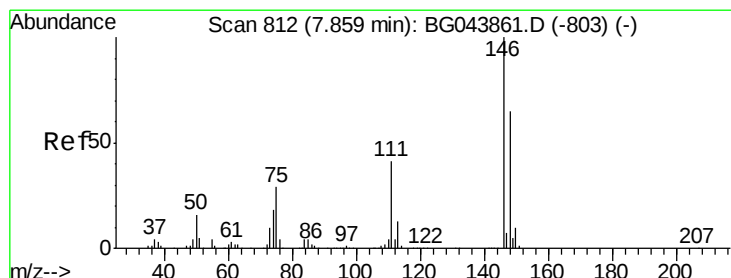
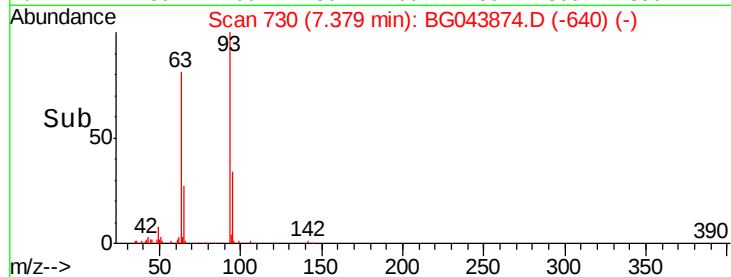
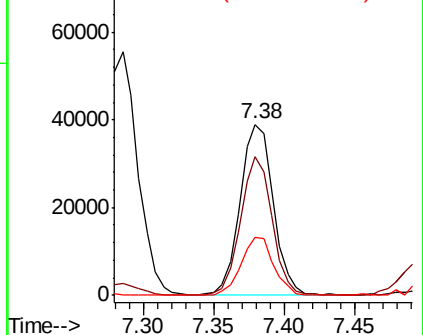
93 100

63 81.4 55.0 95.0

95 34.0 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: 7.693 ng

RT: 7.86 min Scan# 811

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

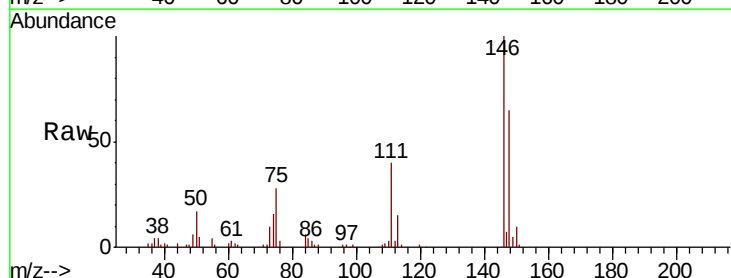
Tgt Ion: 146 Resp: 71666

Ion Ratio Lower Upper

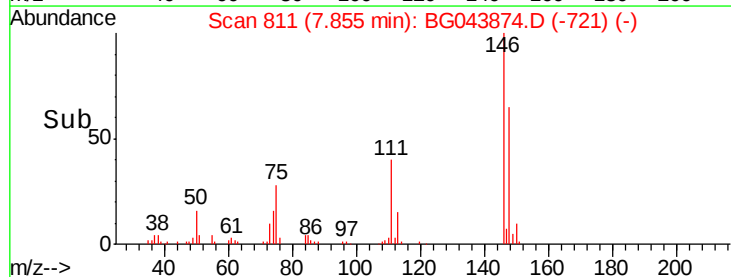
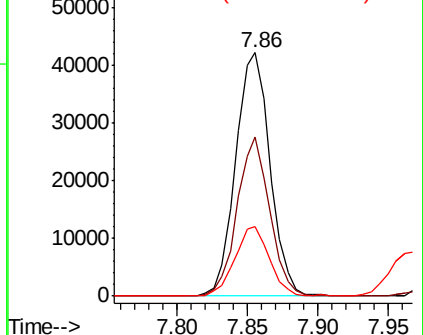
146 100

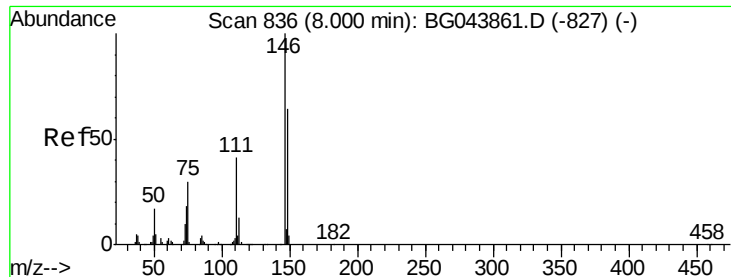
148 65.3 52.1 78.1

75 28.5 23.0 34.4



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

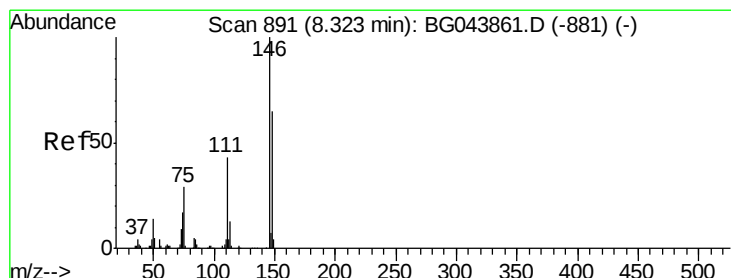
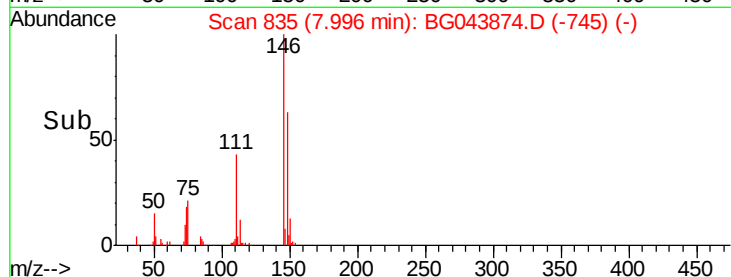
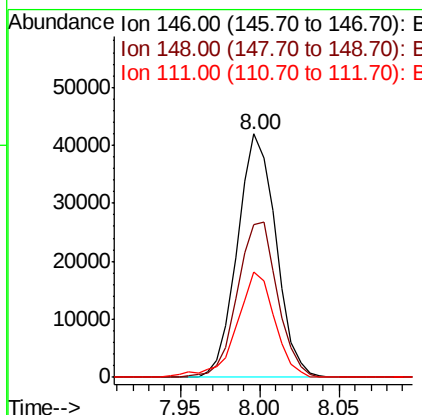
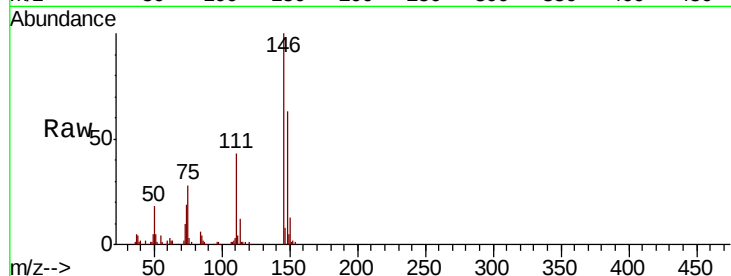




#13
 1,4-Dichlorobenzene
 Concen: 7.694 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

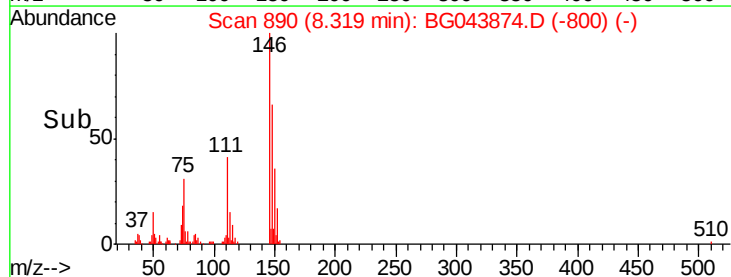
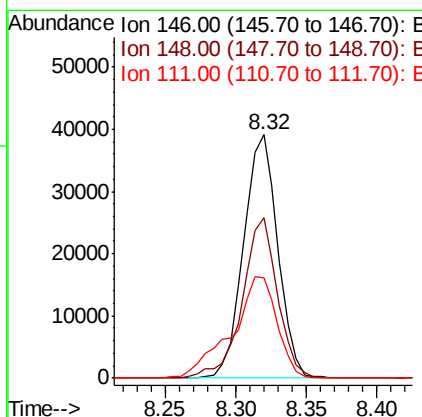
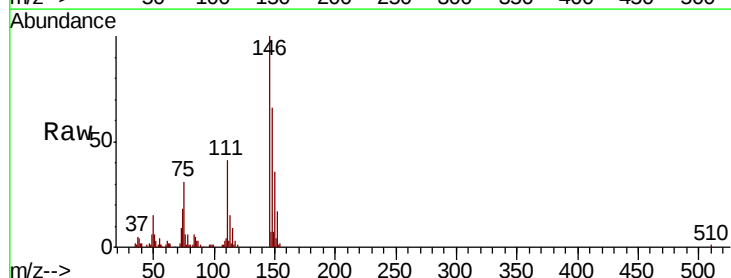
Instrument :
 BNA_G
 ClientSampleId :

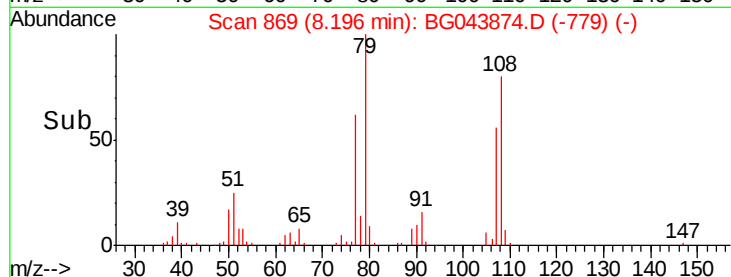
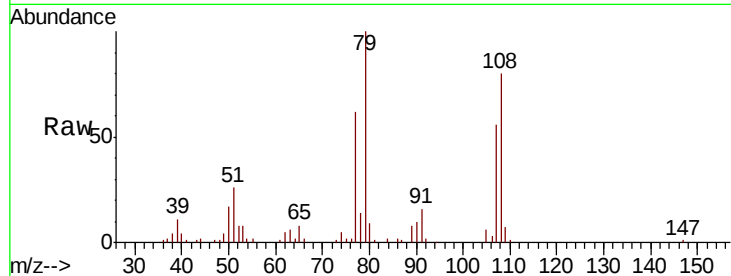
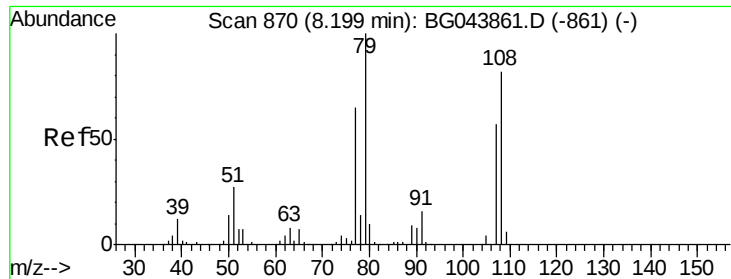
Tot Ion:146 Resp: 70725
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.2 76.8
 111 43.1 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 7.508 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Tgt Ion:146 Resp: 66240
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.7 77.5
 111 40.9 34.4 51.6

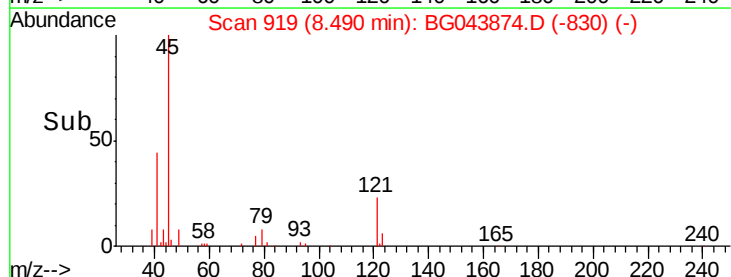
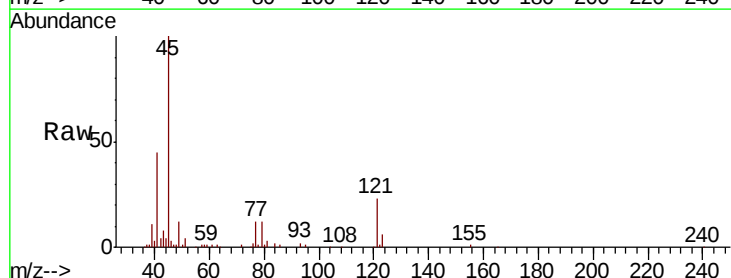
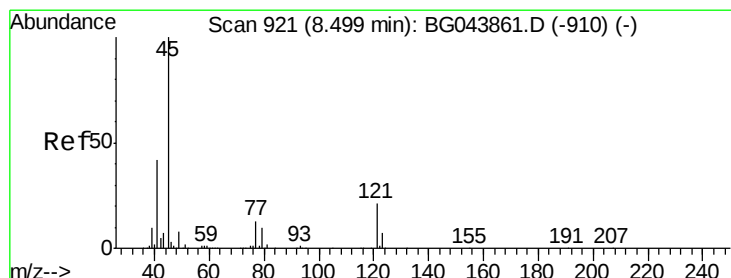
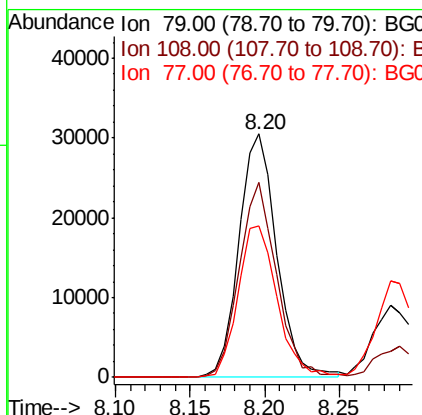




#15
Benzyl Alcohol
Concen: 7.140 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

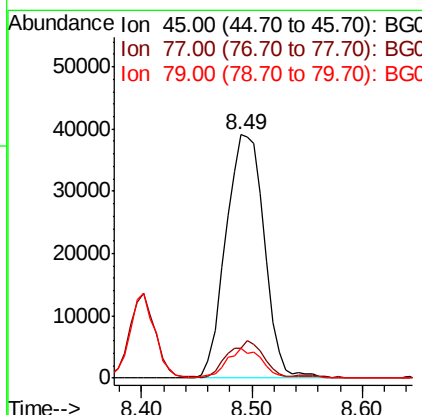
Instrument :
BNA_G
ClientSampleId :

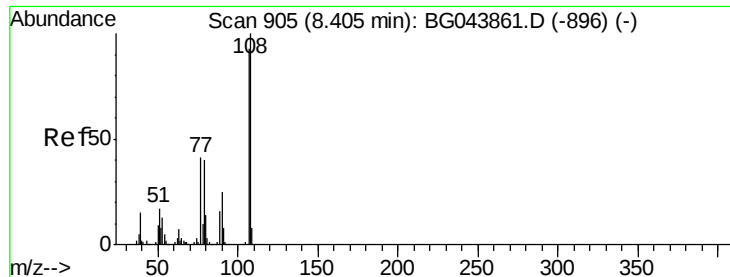
Tot Ion: 79 Resp: 53413
Ion Ratio Lower Upper
79 100
108 80.1 65.6 98.4
77 62.0 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.280 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt Ion: 45 Resp: 94954
Ion Ratio Lower Upper
45 100
77 12.2 0.0 33.8
79 12.1 0.0 31.0





#17

2-Methylphenol

Concen: 7.288 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 51508

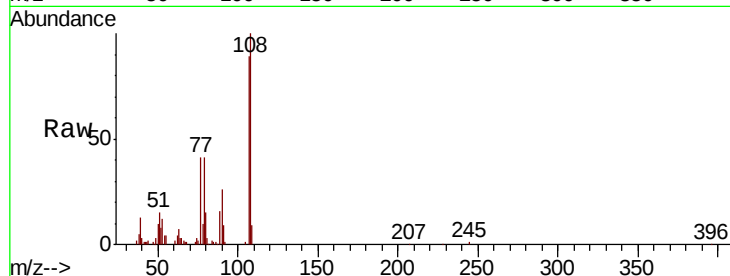
Ion Ratio Lower Upper

107 100

108 112.0 86.1 129.1

77 45.7 35.4 53.0

79 45.8 34.8 52.2

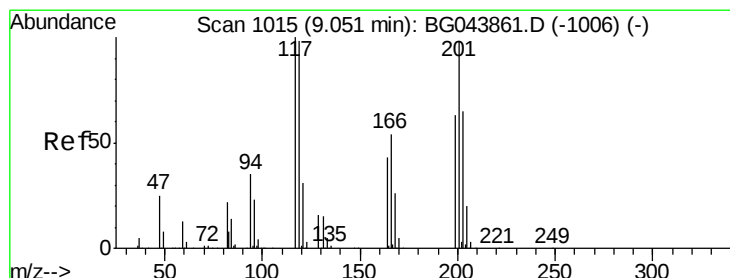
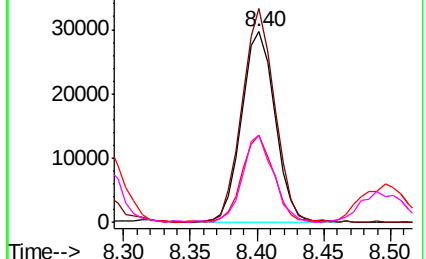
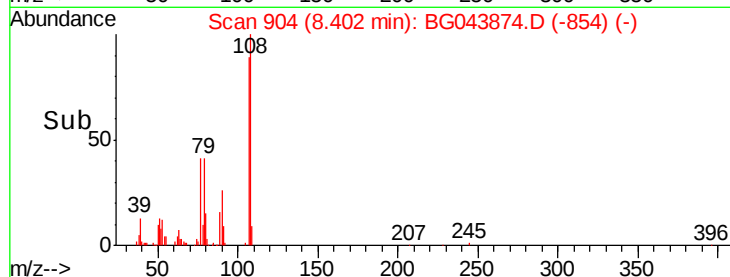


Abundance Ion 107.00 (106.70 to 107.70): E

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: 7.400 ng

RT: 9.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

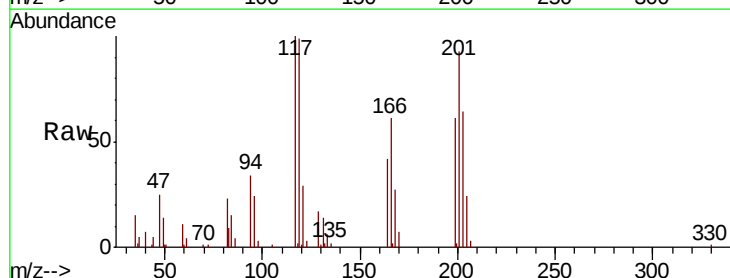
Tgt Ion:117 Resp: 26467

Ion Ratio Lower Upper

117 100

119 99.2 78.1 117.1

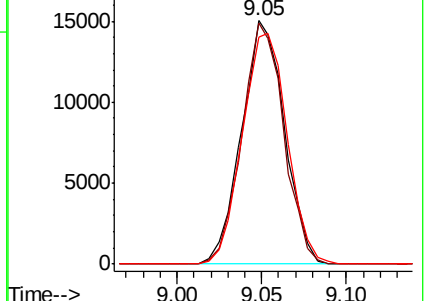
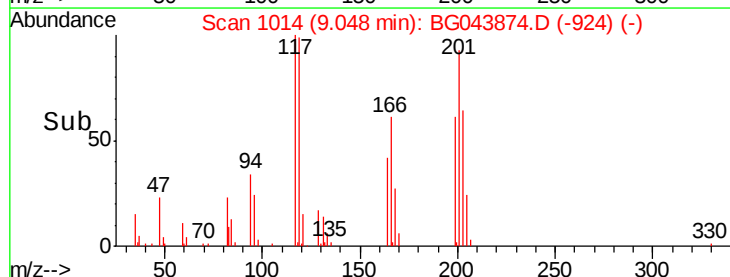
201 93.3 78.6 117.8

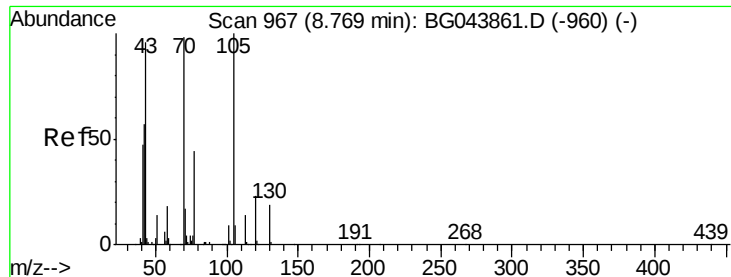


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

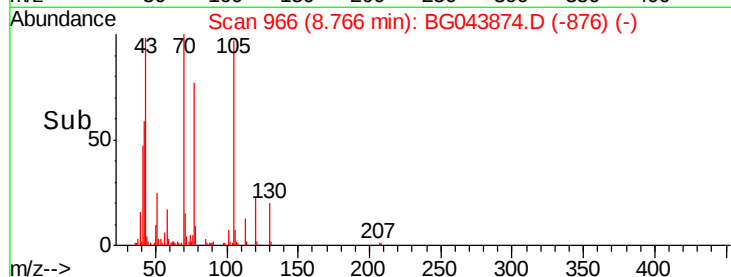
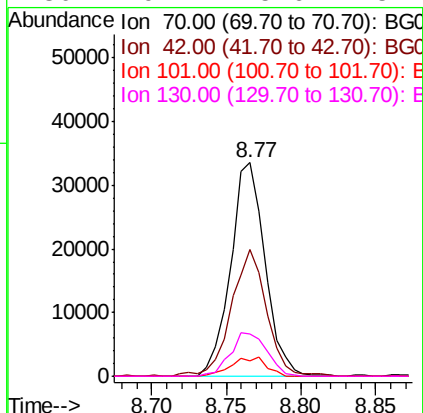
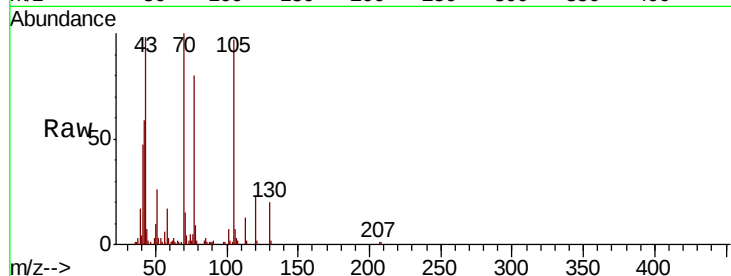




#19
n-Nitroso-di-n-propylamine
Concen: 7.664 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

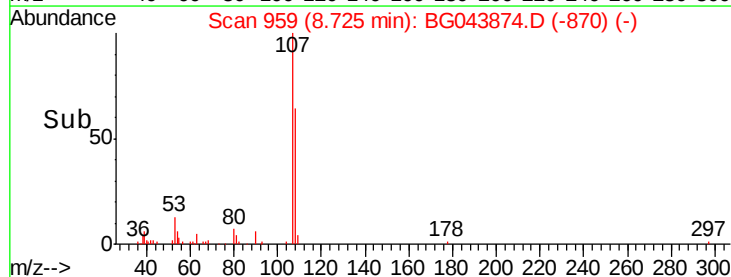
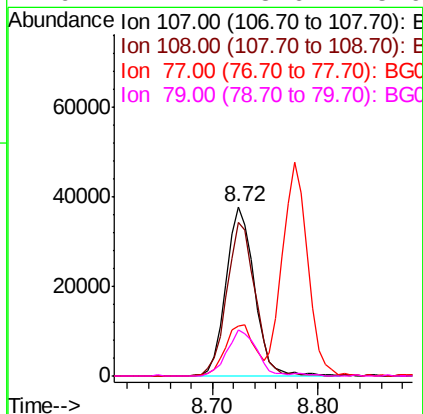
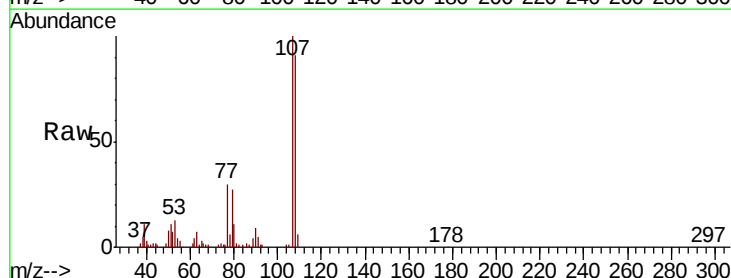
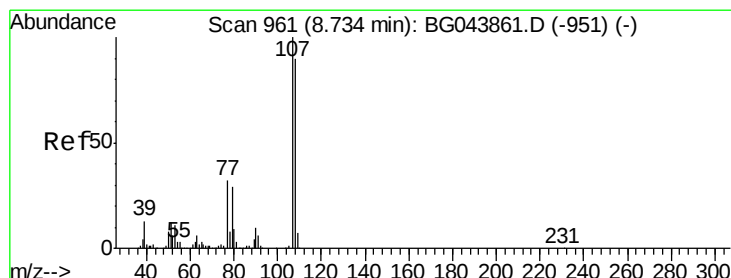
Instrument :
BNA_G
ClientSampleId :

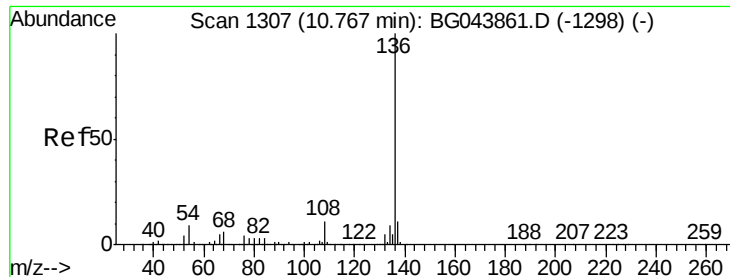
Tot Ion:	70	Resp:	54103
Ion	Ratio	Lower	Upper
70	100		
42	59.3	47.0	70.4
101	7.3	7.2	10.8
130	19.7	15.6	23.4



#20
3+4-Methylphenols
Concen: 7.119 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt Ion:	107	Resp:	70183
Ion	Ratio	Lower	Upper
107	100		
108	90.6	70.3	110.3
77	29.7	12.4	52.4
79	27.2	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: BG043874.D

Acq: 2 Jan 2020 14:21

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 556720

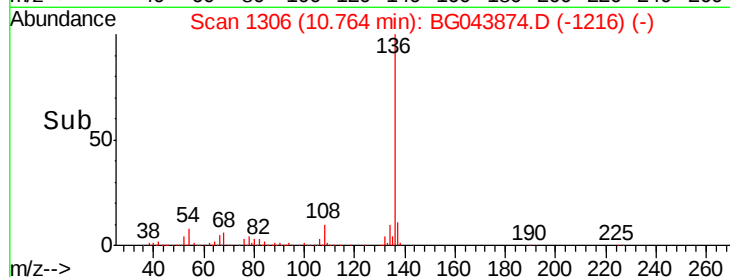
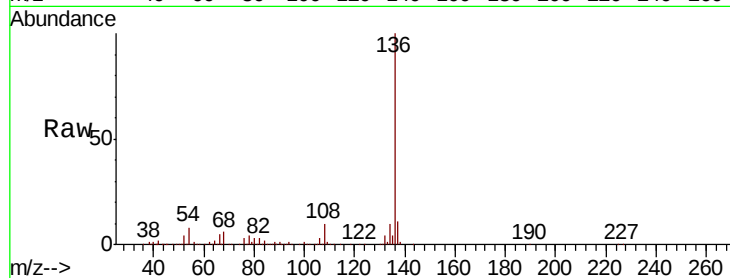
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.1 7.0 10.4

68 5.9 4.9 7.3

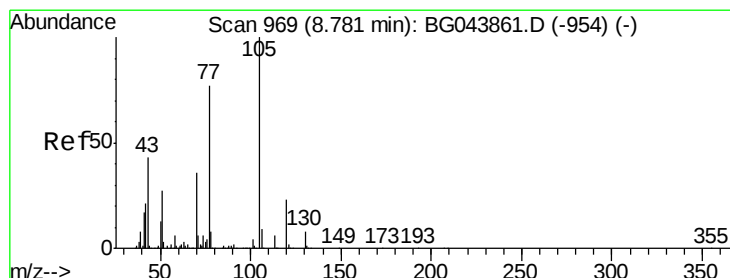
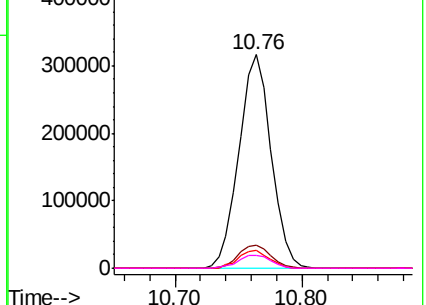


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 7.563 ng

RT: 8.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Tgt Ion:105 Resp: 104672

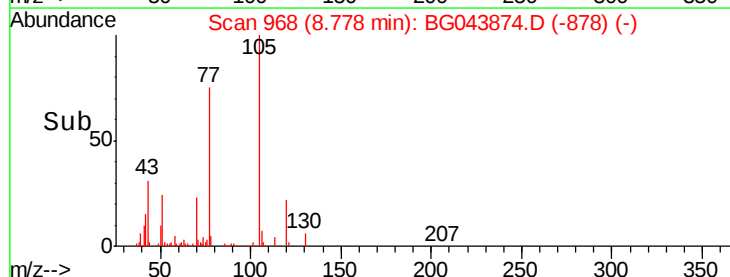
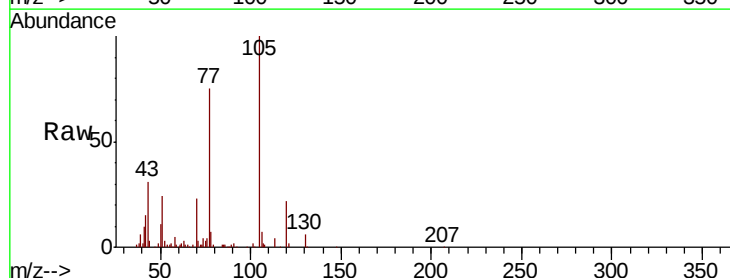
Ion Ratio Lower Upper

105 100

71 3.3 4.8 7.2#

51 24.5 21.4 32.0

120 21.9 18.6 28.0

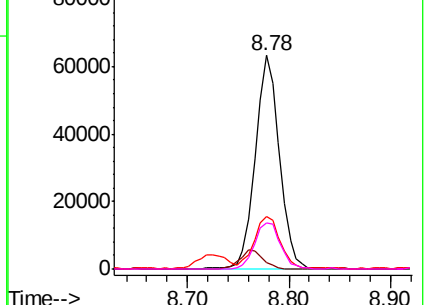


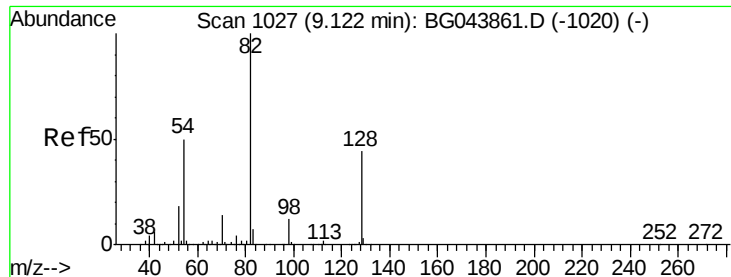
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E



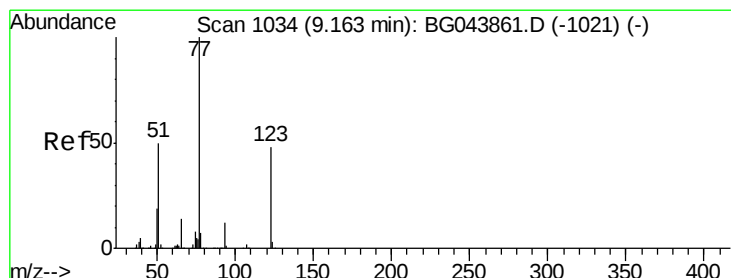
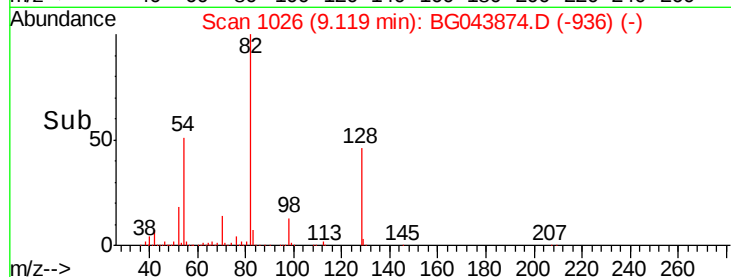
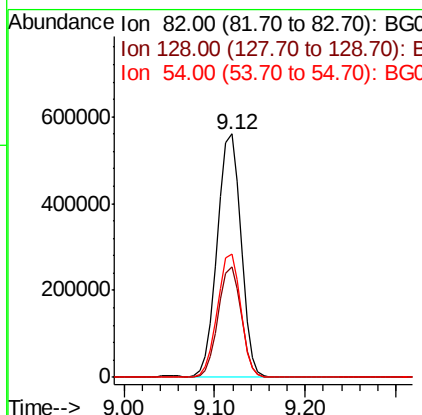
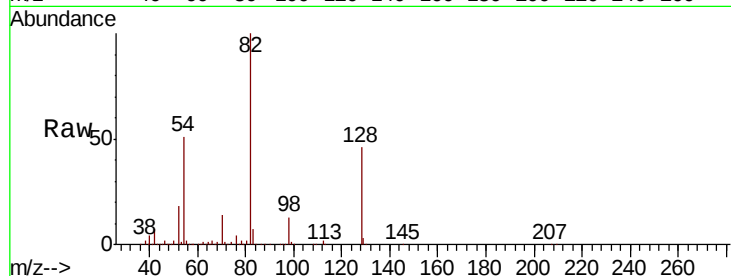


#23
 Nitrobenzene-d5
 Concen: 98.147 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 1021397

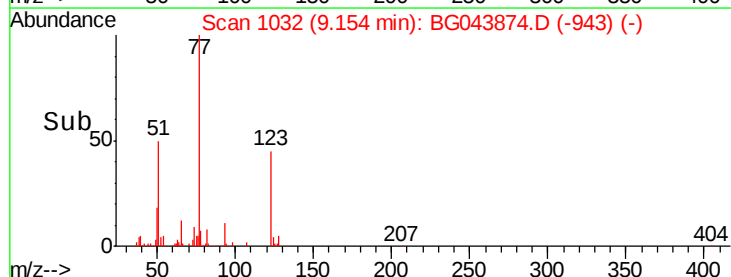
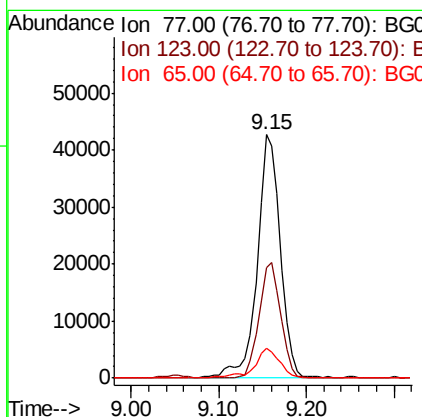
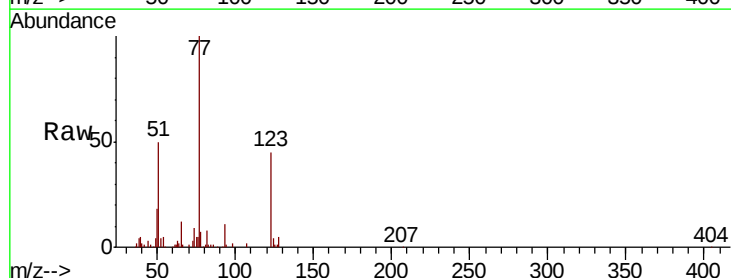
Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.1	52.7
54	50.6	40.1	60.1

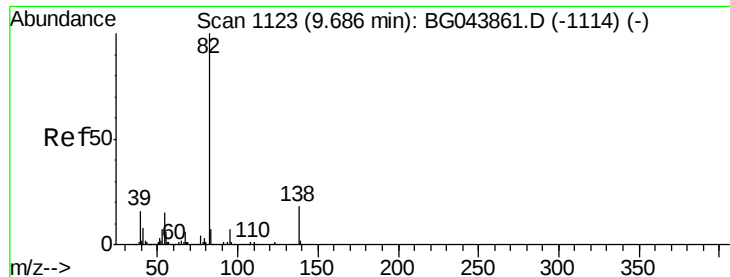


#24
 Nitrobenzene
 Concen: 7.493 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Tgt Ion: 77 Resp: 77231

Ion	Ratio	Lower	Upper
77	100		
123	45.3	38.7	58.1
65	12.0	11.1	16.7





#25

Isophorone

Concen: 7.446 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Instrument :

BNA_G

ClientSampled :

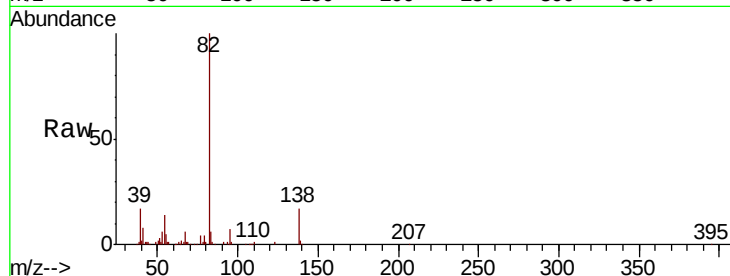
Tot Ion: 82 Resp: 145375

Ion Ratio Lower Upper

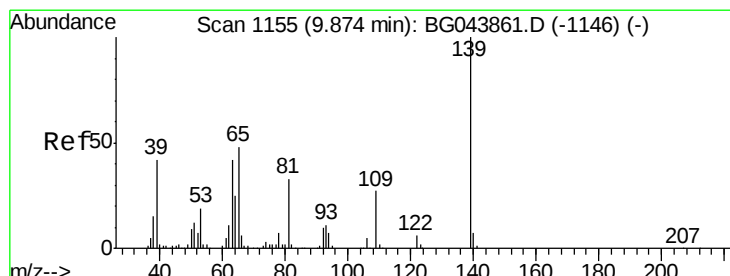
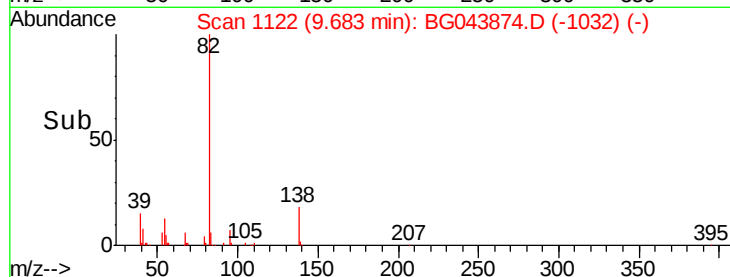
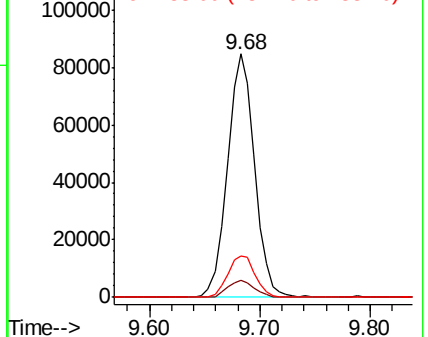
82 100

95 6.9 5.8 8.6

138 17.1 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: 5.901 ng

RT: 9.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

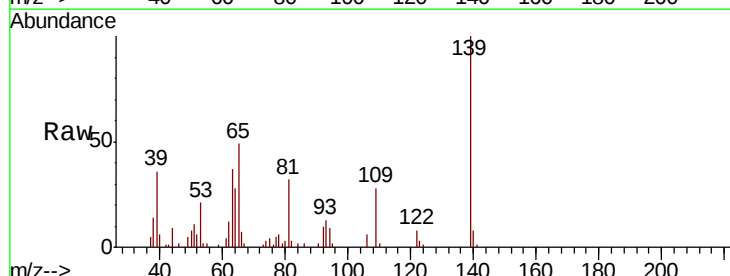
Tgt Ion: 139 Resp: 28774

Ion Ratio Lower Upper

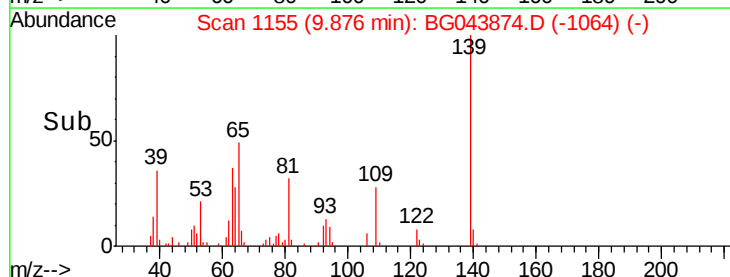
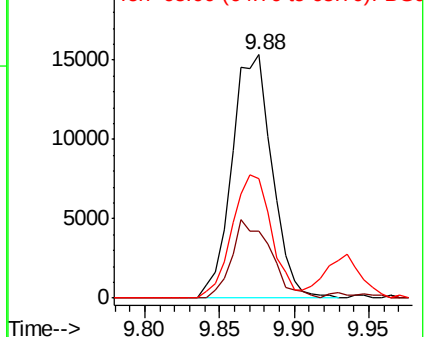
139 100

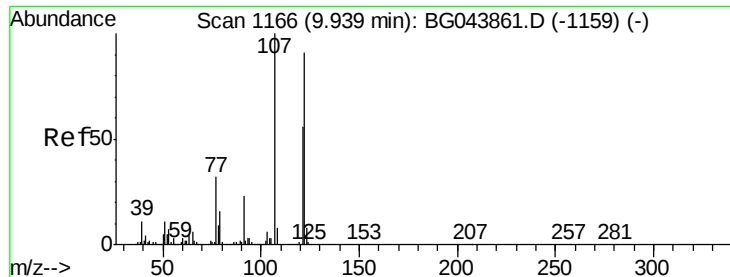
109 27.5 21.3 31.9

65 48.9 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

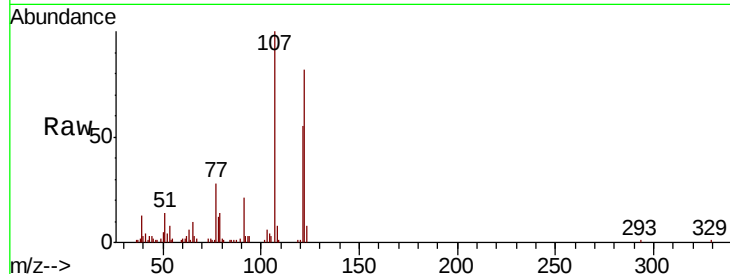




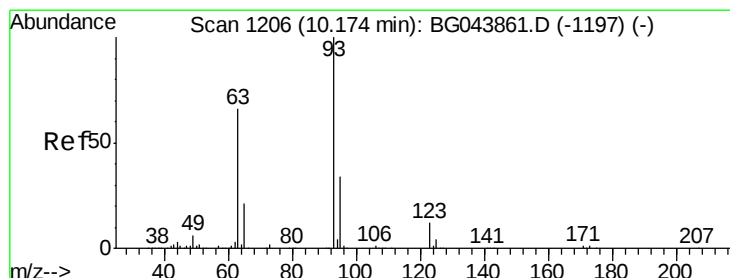
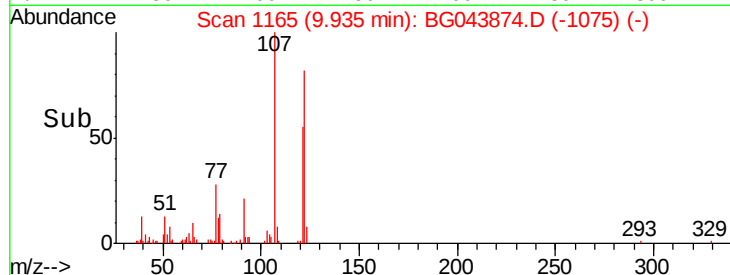
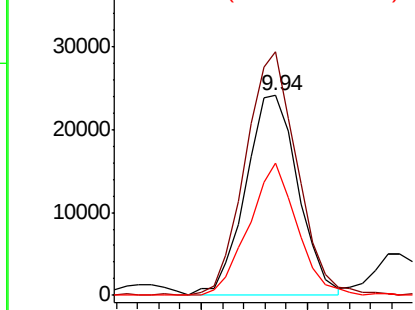
#27
 2,4-Dimethylphenol
 Concen: 5.686 ng
 RT: 9.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 41738
 Ion Ratio Lower Upper
 122 100
 107 121.9 88.0 132.0
 121 66.4 49.0 73.4

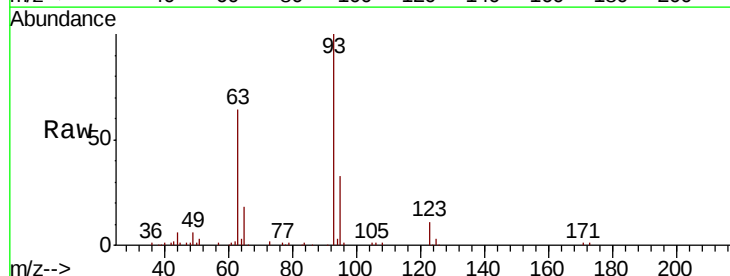


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

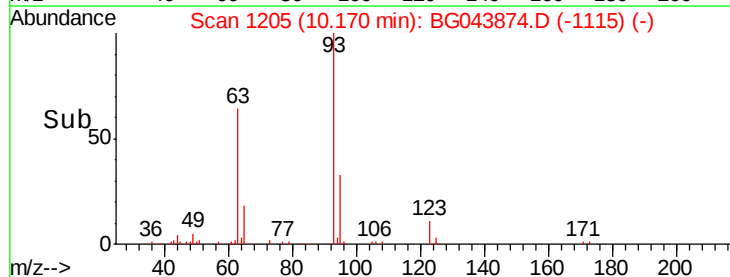
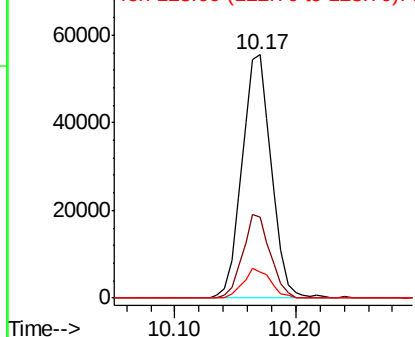


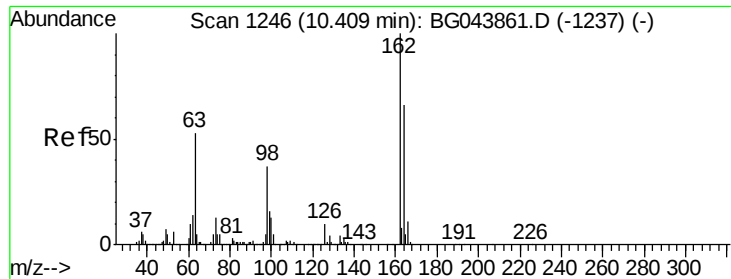
#28
 bis(2-Chloroethoxy)methane
 Concen: 7.217 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Tgt Ion: 93 Resp: 93941
 Ion Ratio Lower Upper
 93 100
 95 33.1 27.2 40.8
 123 10.9 9.7 14.5



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

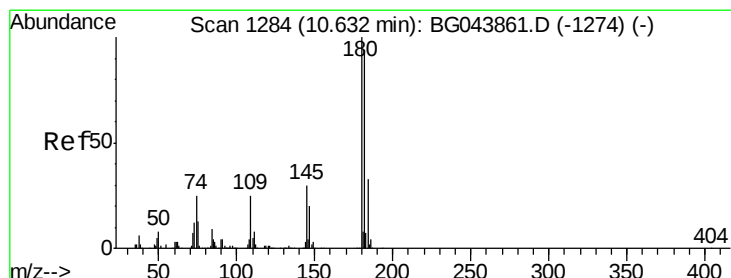
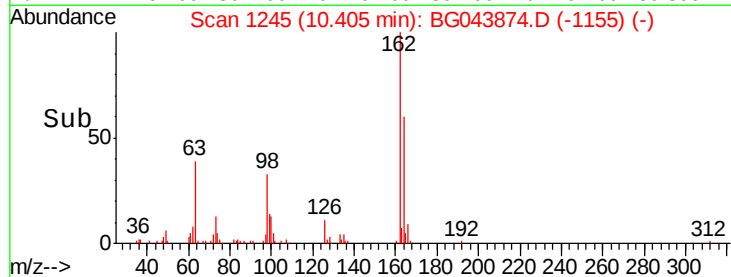
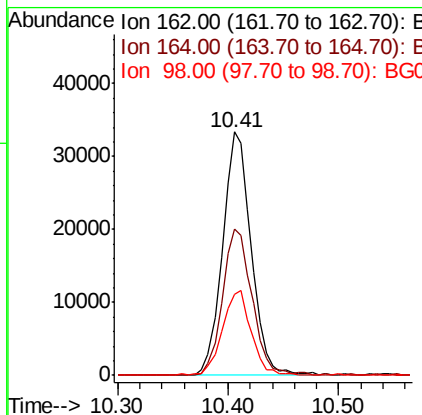
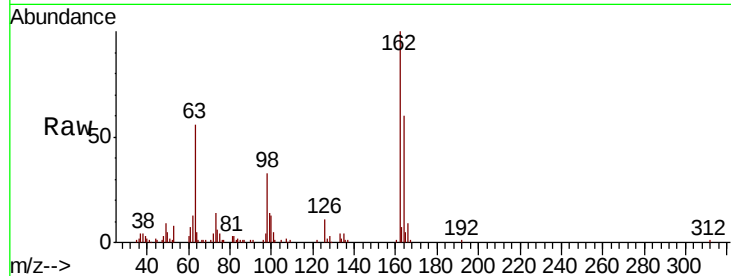




#29
 2,4-Dichlorophenol
 Concen: 6.868 ng
 RT: 10.41 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

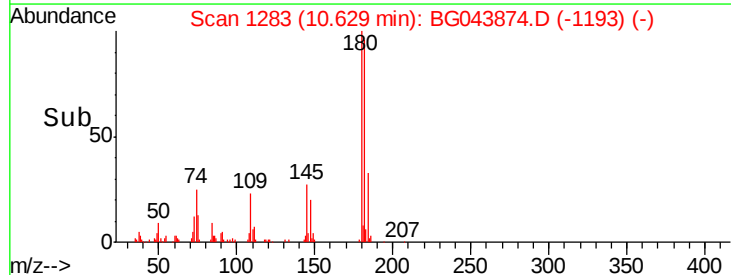
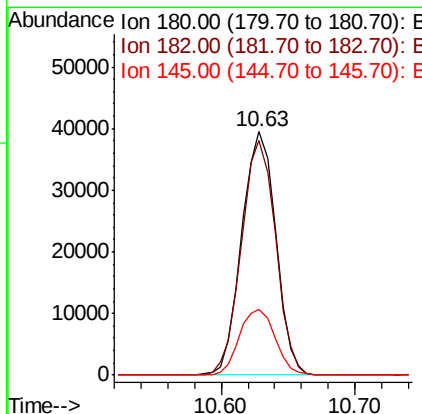
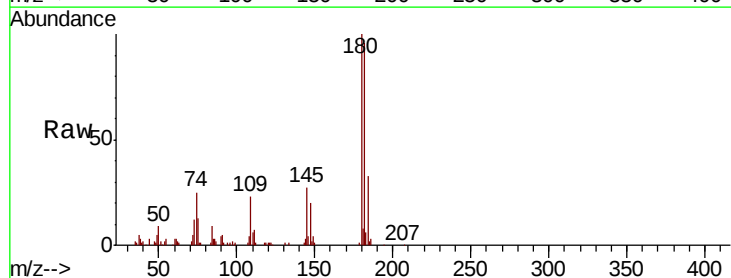
Instrument :
 BNA_G
 ClientSampleId :

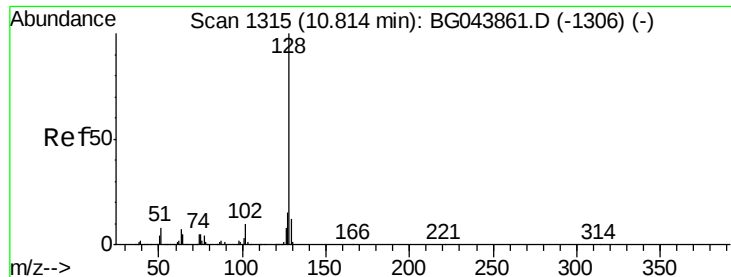
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.3	46.3	86.3
98	33.1	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 7.103 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.0	112.4
145	27.2	24.2	36.4

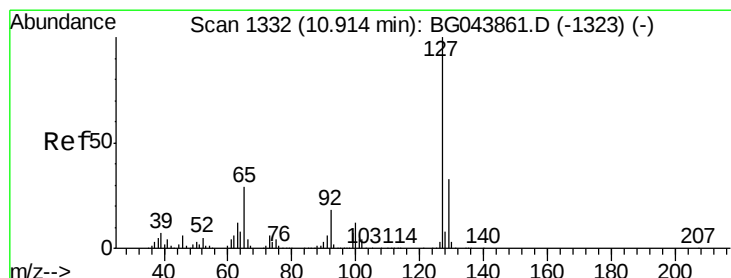
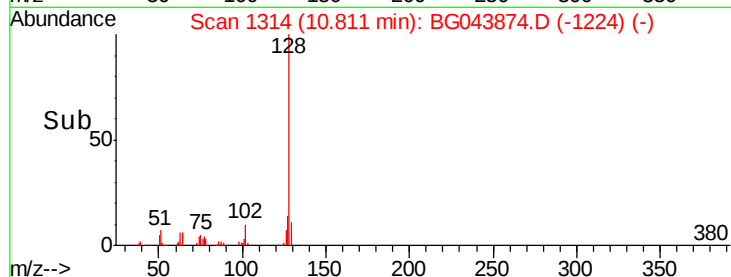
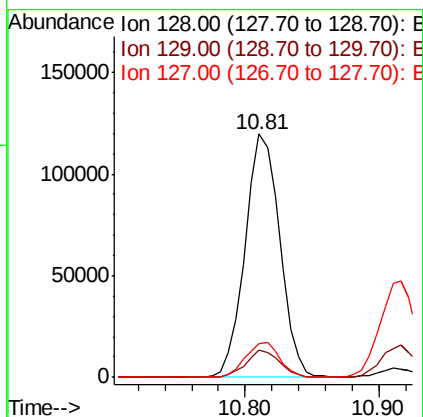
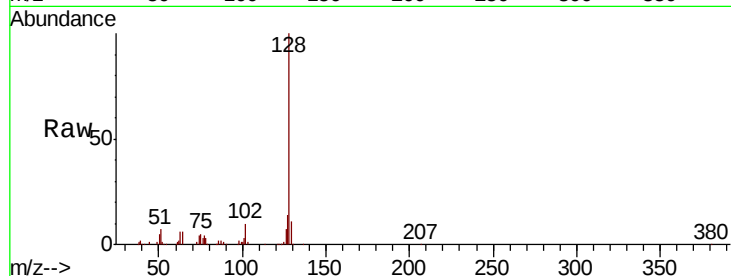




#31
Naphthalene
Concen: 7.968 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

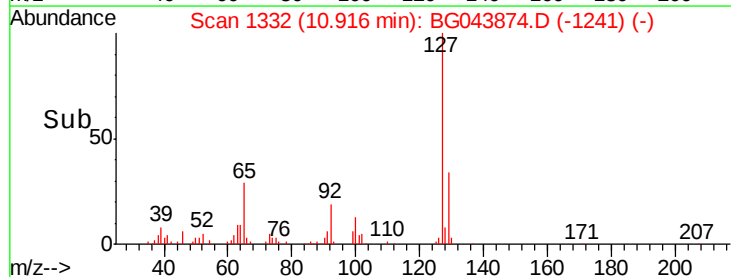
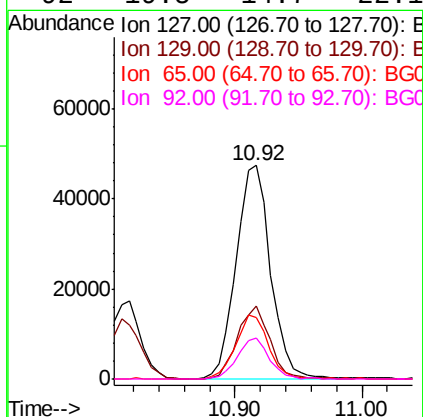
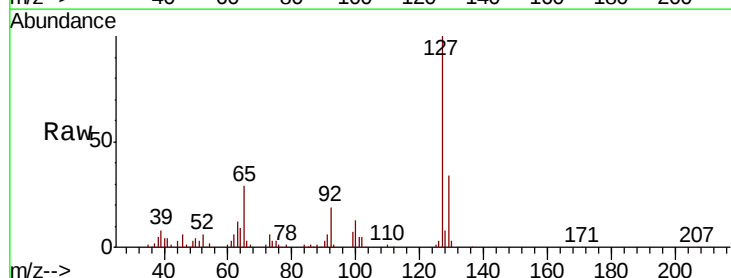
Instrument :
BNA_G
ClientSampleId :

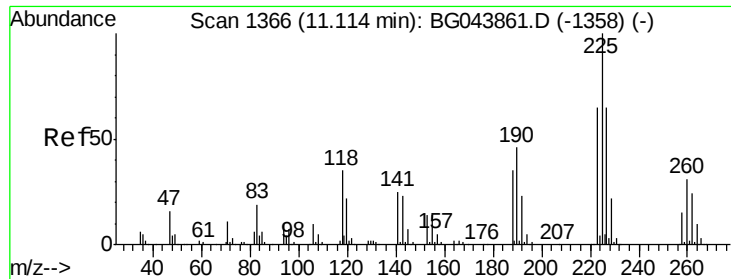
Tot Ion:128 Resp: 214661
Ion Ratio Lower Upper
128 100
129 11.1 9.8 14.6
127 13.7 12.0 18.0



#33
4-Chloroaniline
Concen: 6.953 ng
RT: 10.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt Ion:127 Resp: 89338
Ion Ratio Lower Upper
127 100
129 34.2 26.6 40.0
65 28.9 23.3 34.9
92 19.5 14.7 22.1





#34

Hexachlorobutadiene

Concen: 6.688 ng

RT: 11.11 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Instrument :

BNA_G

ClientSampleId :

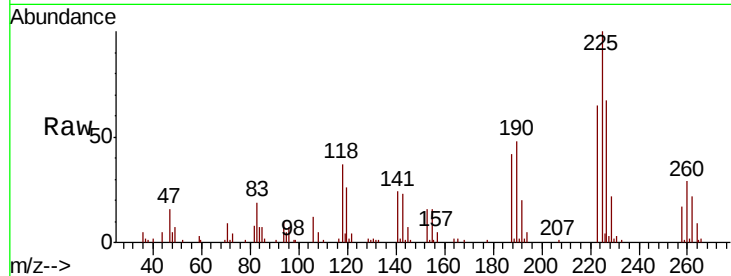
Tot Ion:225 Resp: 40092

Ion Ratio Lower Upper

225 100

223 64.8 52.2 78.4

227 70.4 52.1 78.1

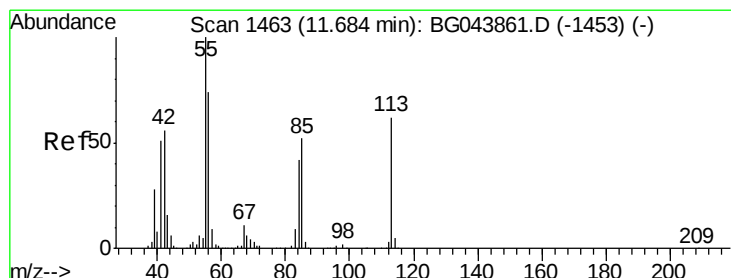
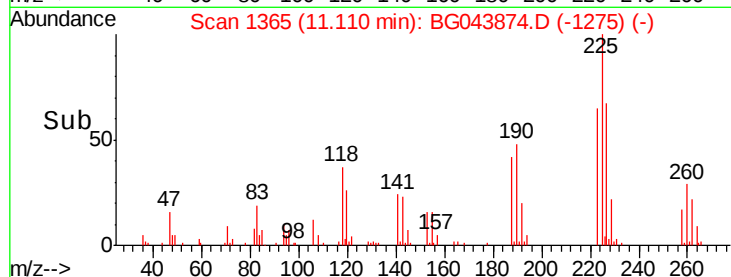
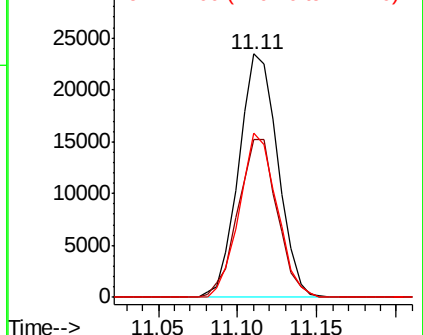


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 6.776 ng

RT: 11.65 min Scan# 1457

Delta R.T. -0.03 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

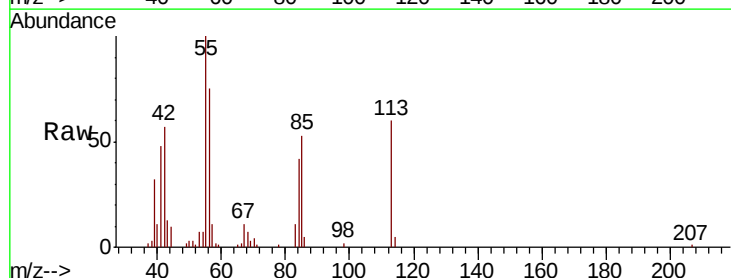
Tgt Ion:113 Resp: 22086

Ion Ratio Lower Upper

113 100

55 167.8 142.5 182.5

56 126.4 101.4 141.4

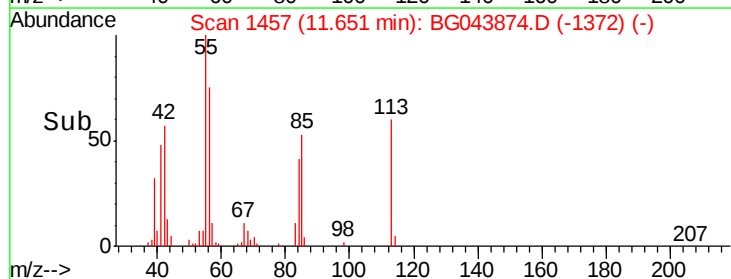
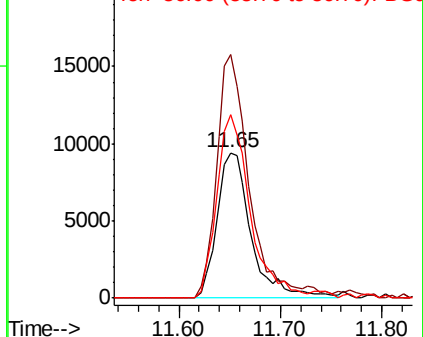


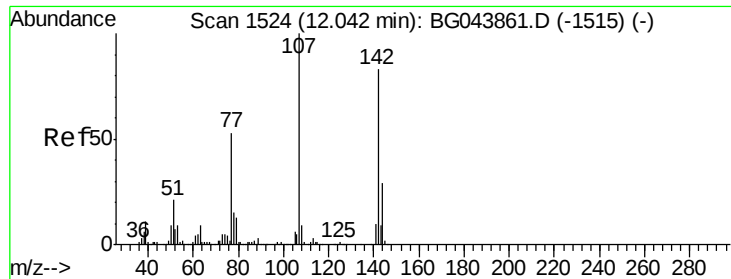
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

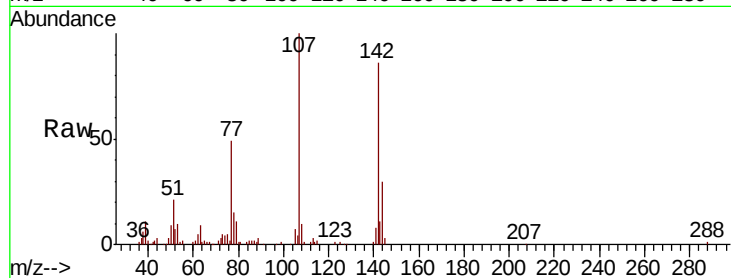




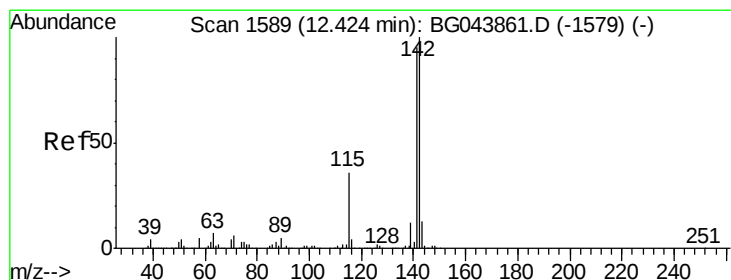
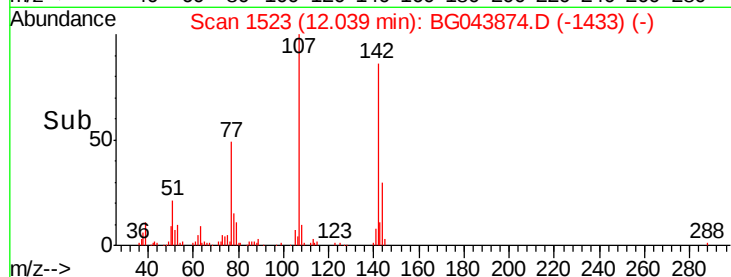
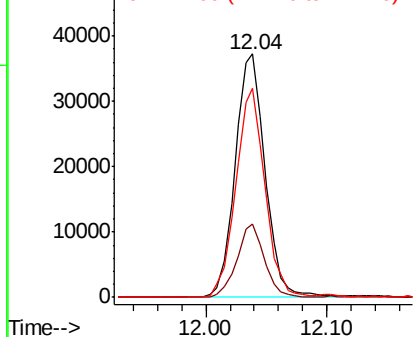
#36
 4-Chloro-3-methylphenol
 Concen: 6.906 ng
 RT: 12.04 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:107 Resp: 64369
 Ion Ratio Lower Upper
 107 100
 144 30.4 23.4 35.2
 142 85.6 66.3 99.5

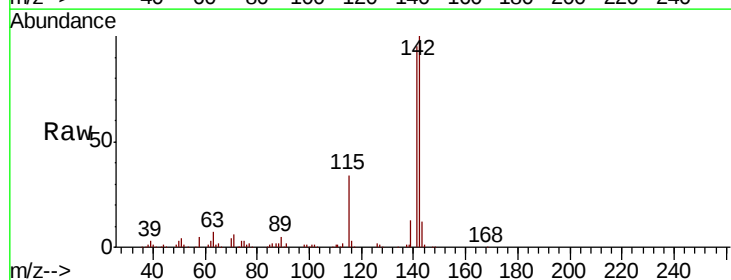


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

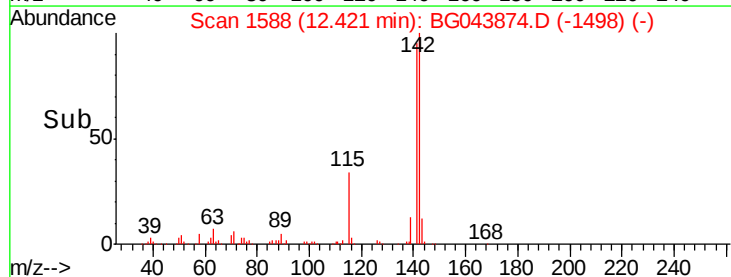
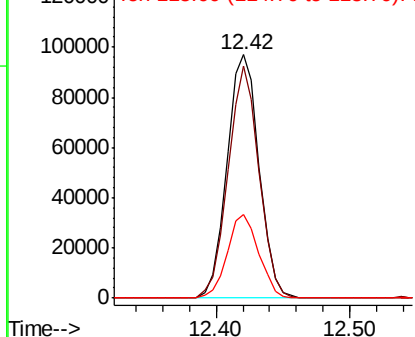


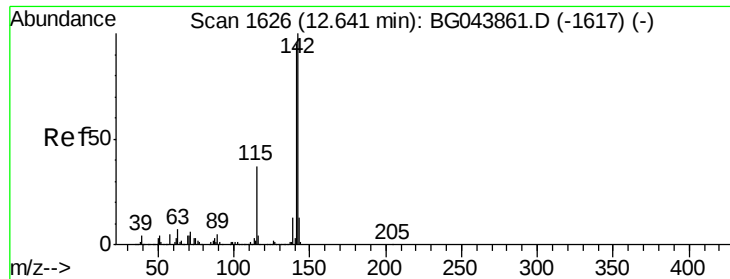
#37
 2-Methylnaphthalene
 Concen: 8.015 ng
 RT: 12.42 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Tgt Ion:142 Resp: 162565
 Ion Ratio Lower Upper
 142 100
 141 95.1 75.8 113.8
 115 34.1 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

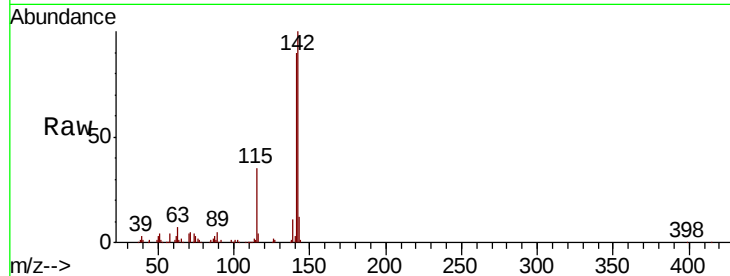




#38
1-Methylnaphthalene
Concen: 8.181 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	76.0	114.0
116	3.8	3.1	4.7

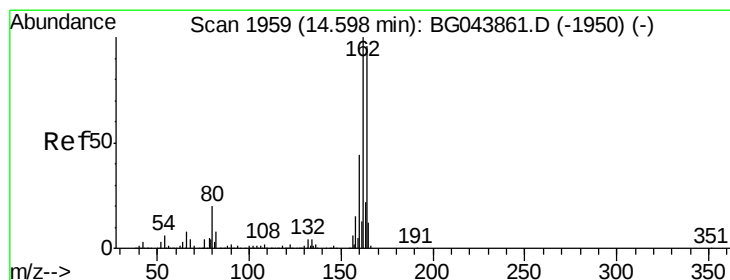
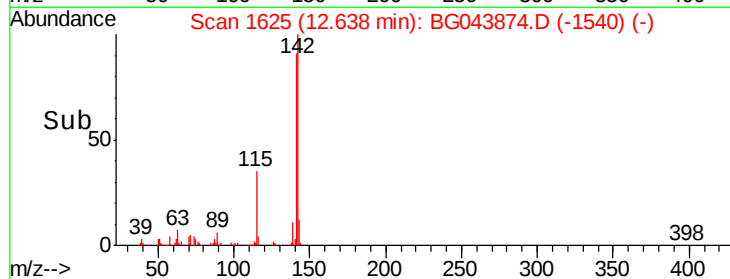
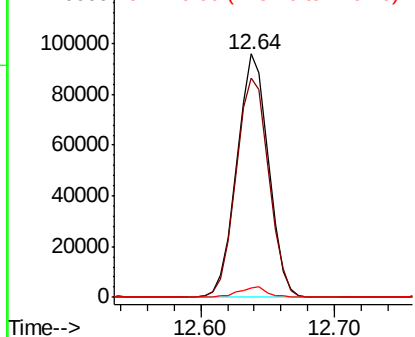


Abundance

Ion 142.00 (141.70 to 142.70): E

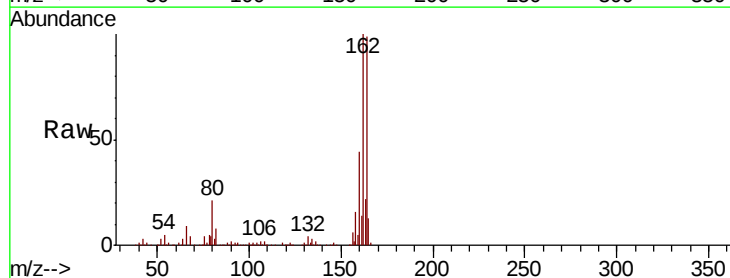
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.0	124.4
160	44.9	36.1	54.1

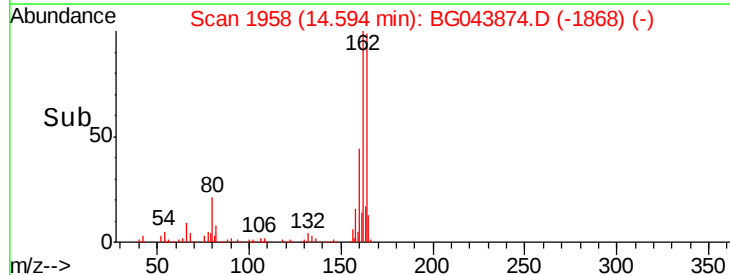
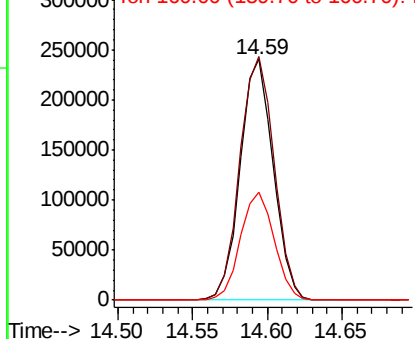


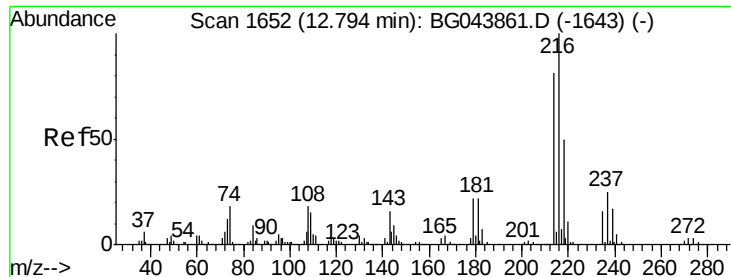
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.369 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 79646

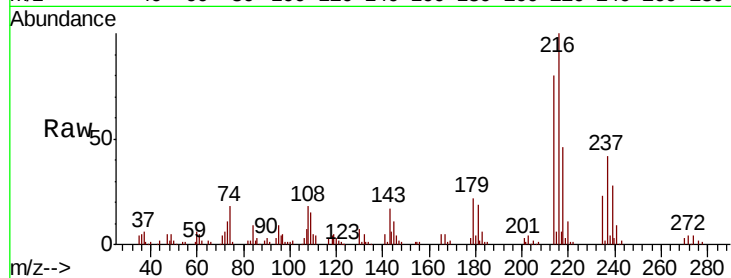
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.8

179 21.3 17.3 25.9

108 17.6 15.3 22.9

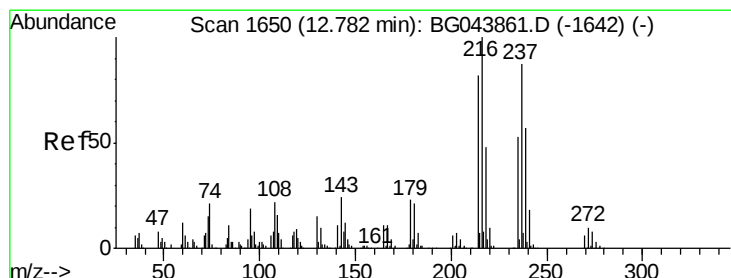
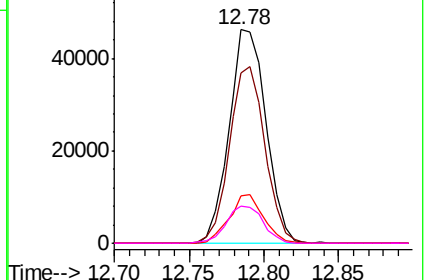
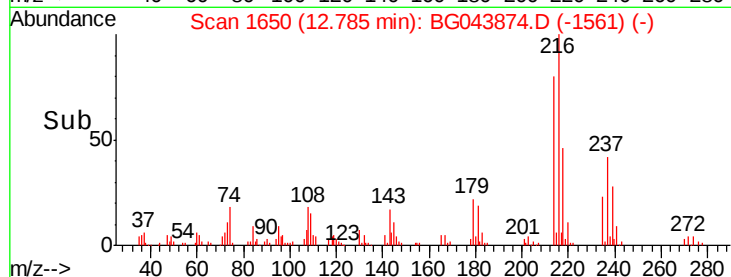


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 6.745 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

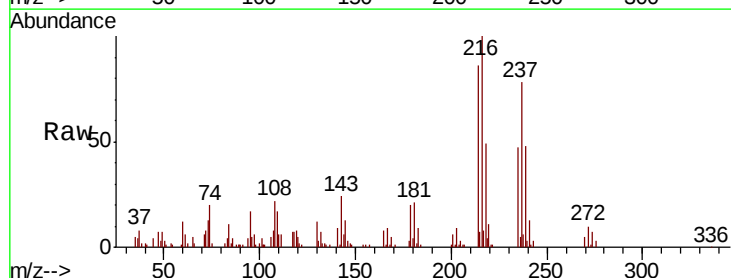
Tgt Ion:237 Resp: 37794

Ion Ratio Lower Upper

237 100

235 59.7 41.1 81.1

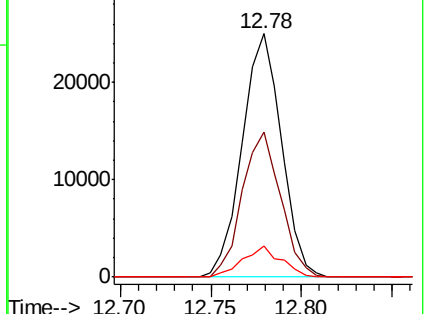
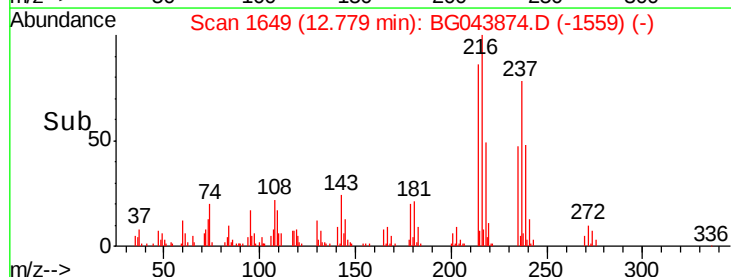
272 12.7 0.0 31.7

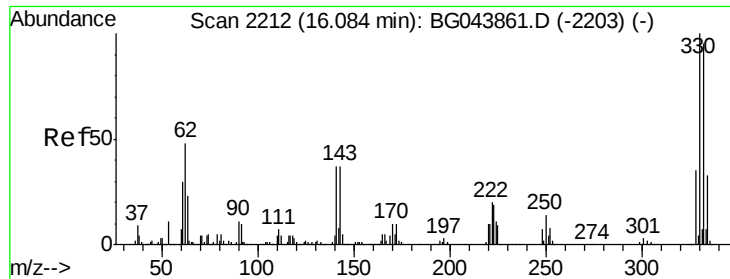


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

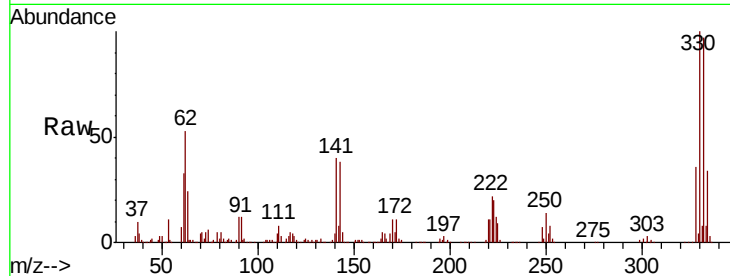




#42
 2,4,6-Tribromophenol
 Concen: 144.667 ng
 RT: 16.08 min Scan# 2211
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.2	115.8
141	41.3	33.1	49.7

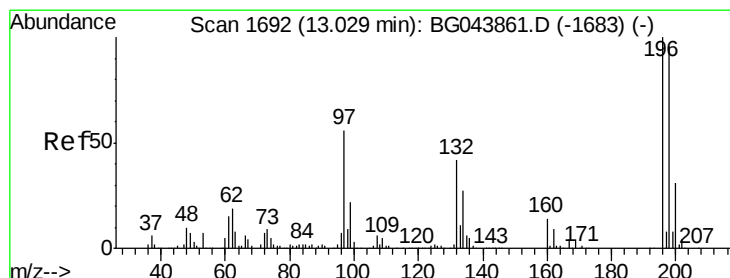
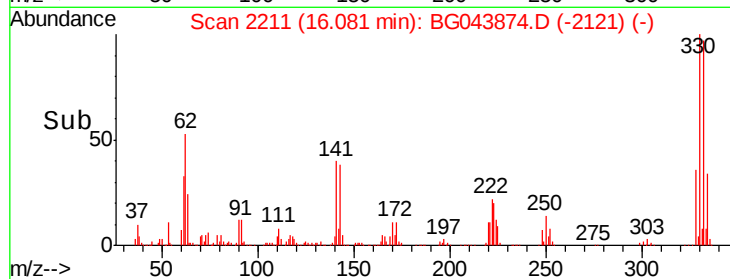
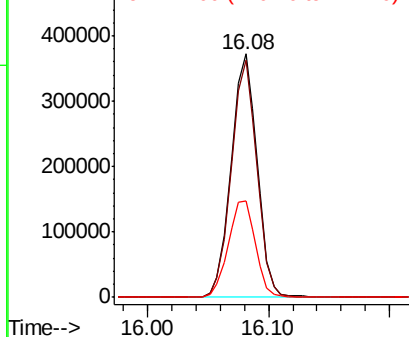


Abundance

Ion 329.80 (329.50 to 330.50): E

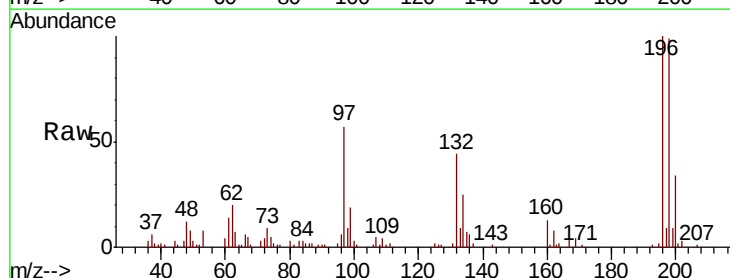
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 6.345 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.3	76.6	115.0
200	33.7	24.6	37.0

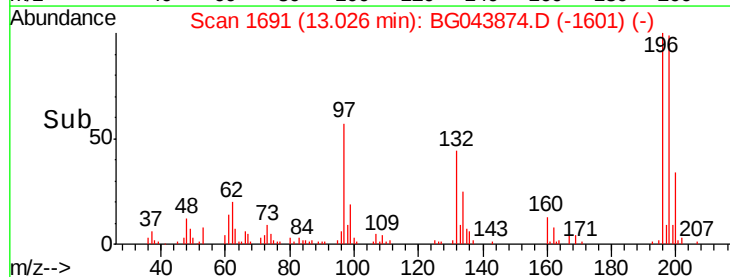
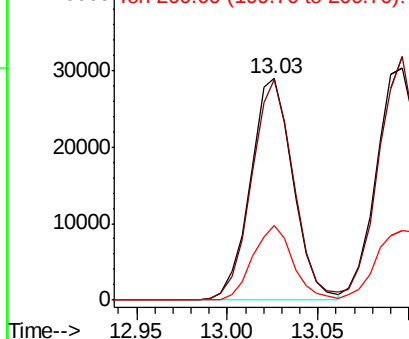


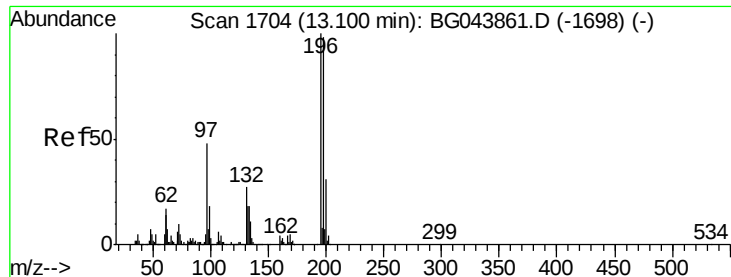
Abundance

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

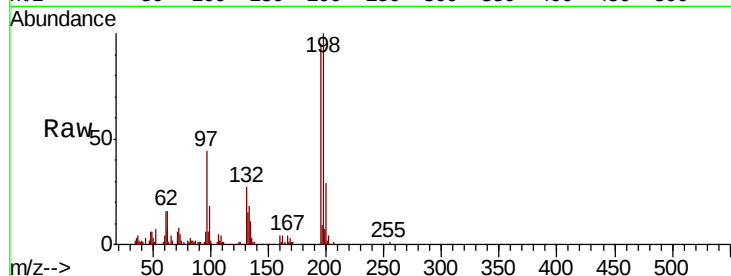




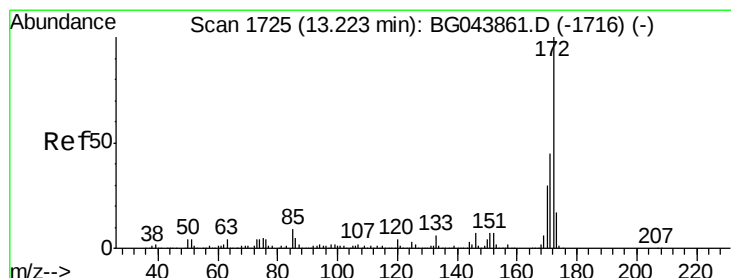
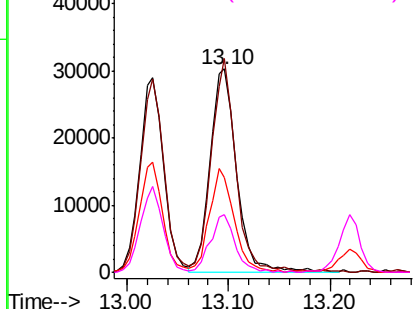
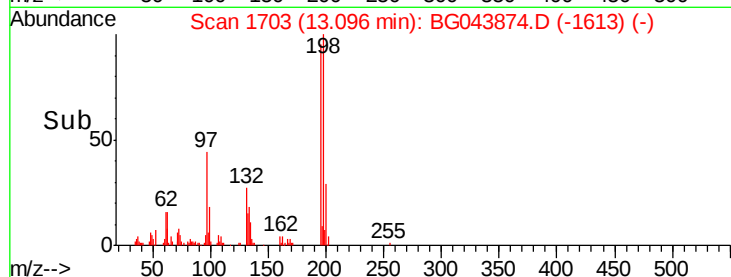
#44
2,4,5-Trichlorophenol
Concen: 7.153 ng
RT: 13.10 min Scan# 1703
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:196 Resp: 54870
Ion Ratio Lower Upper
196 100
198 105.1 78.3 117.5
97 46.5 38.8 58.2
132 28.1 21.3 31.9

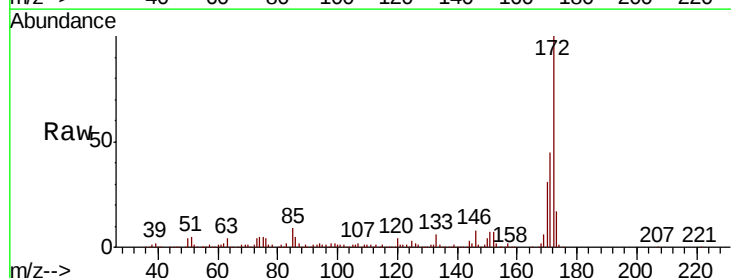


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

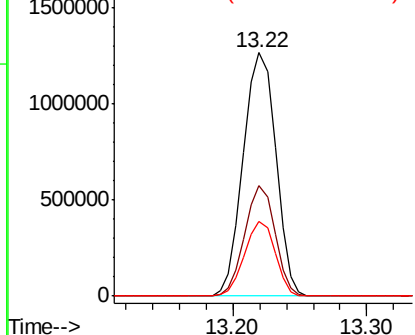
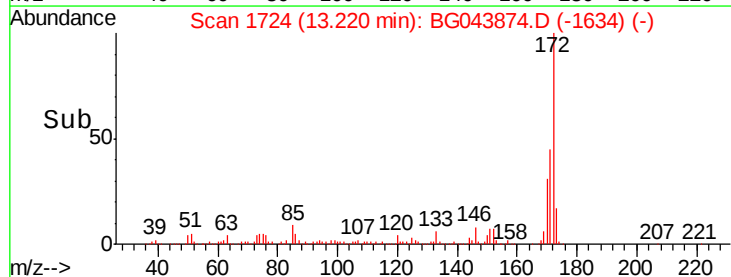


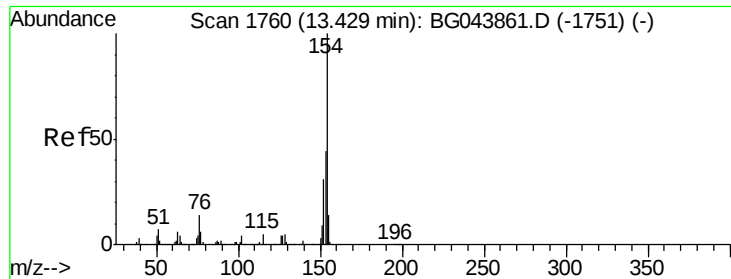
#45
2-Fluorobiphenyl
Concen: 105.424 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt Ion:172 Resp: 2145828
Ion Ratio Lower Upper
172 100
171 45.2 35.8 53.8
170 30.5 24.2 36.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

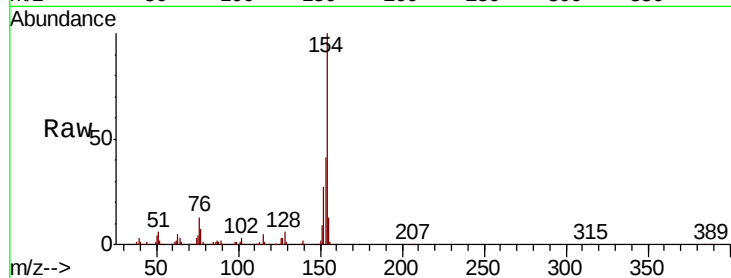




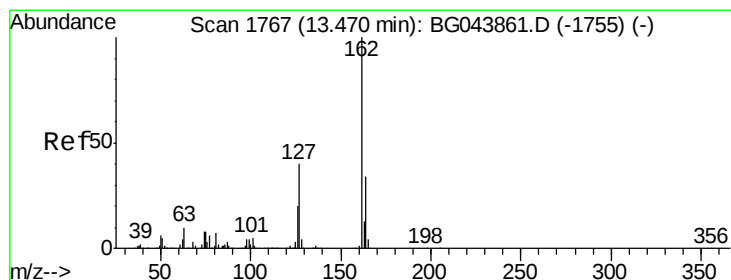
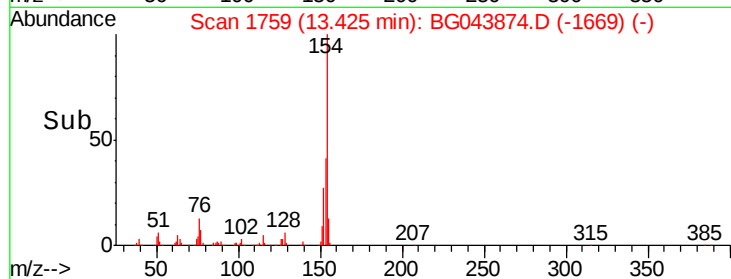
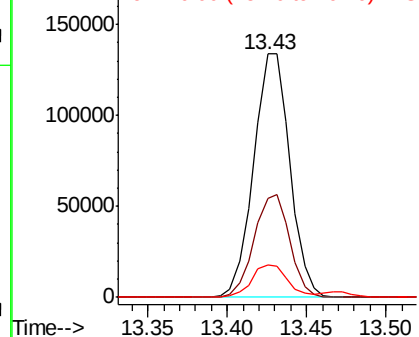
#46
 1,1'-Biphenyl
 Concen: 8.057 ng
 RT: 13.43 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	154	Resp:	213024
Ion	Ratio	Lower	Upper
154	100		
153	40.7	23.6	63.6
76	13.2	0.0	34.4

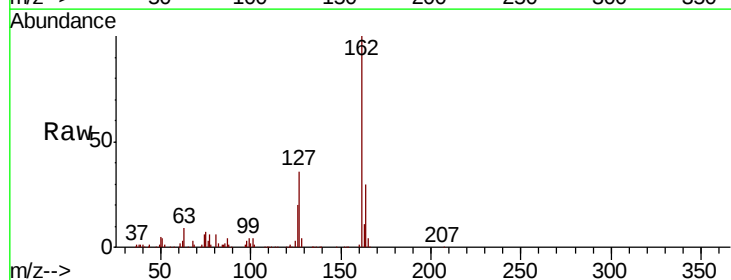


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

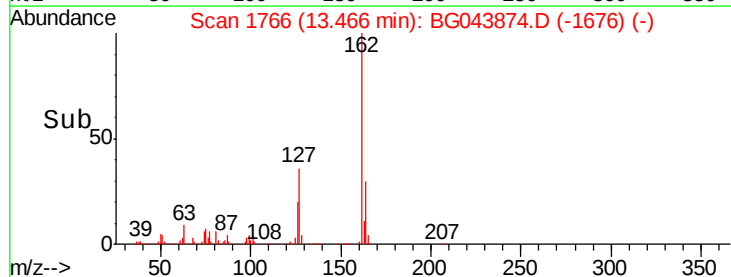
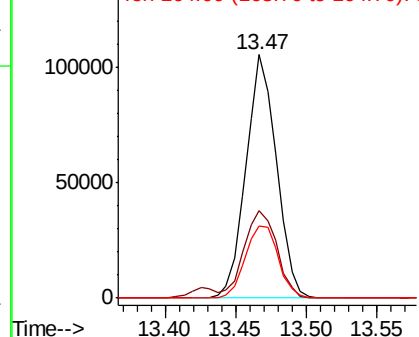


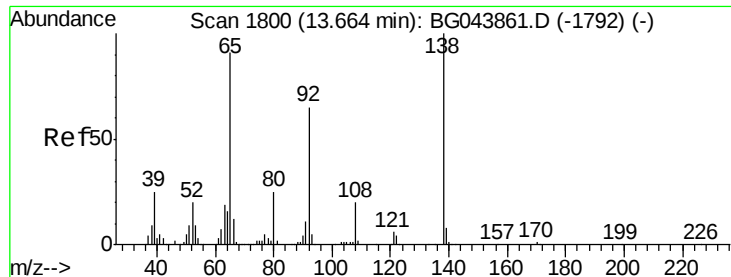
#47
 2-Chloronaphthalene
 Concen: 7.483 ng
 RT: 13.47 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Tgt Ion:	162	Resp:	159882
Ion	Ratio	Lower	Upper
162	100		
127	36.1	32.1	48.1
164	29.8	27.5	41.3



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

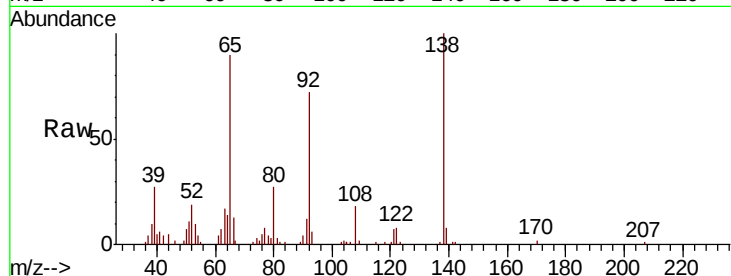




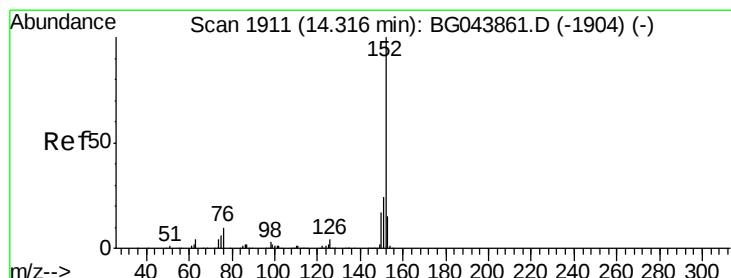
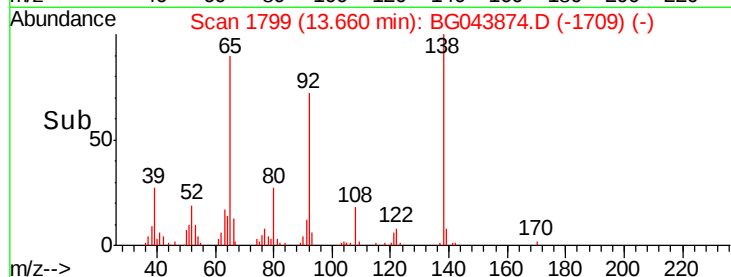
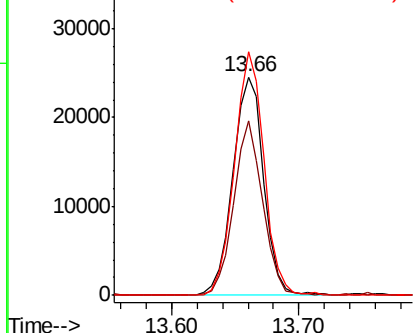
#48
2-Nitroaniline
Concen: 5.980 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 41096
Ion Ratio Lower Upper
65 100
92 80.1 57.4 86.2
138 111.4 88.2 132.4

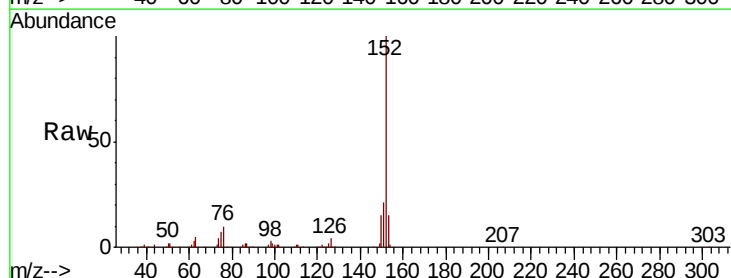


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

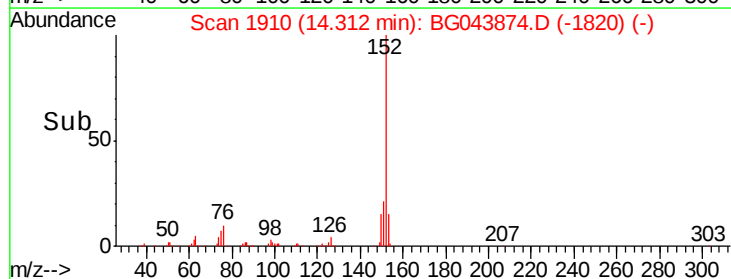
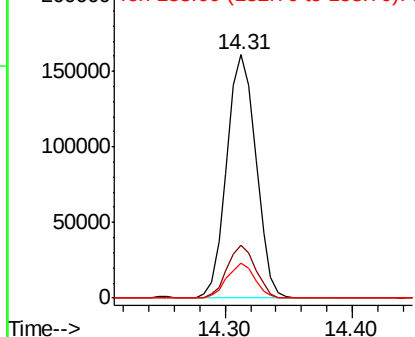


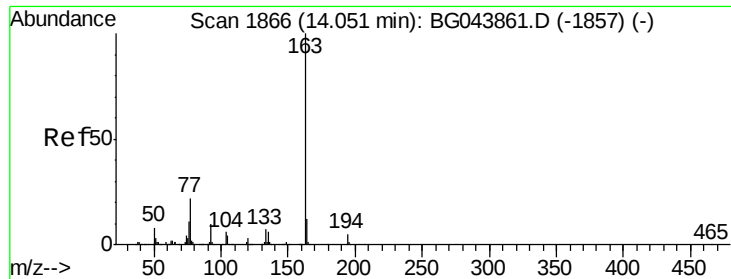
#49
Acenaphthylene
Concen: 8.373 ng
RT: 14.31 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt Ion: 152 Resp: 257131
Ion Ratio Lower Upper
152 100
151 21.5 19.4 29.2
153 14.5 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC

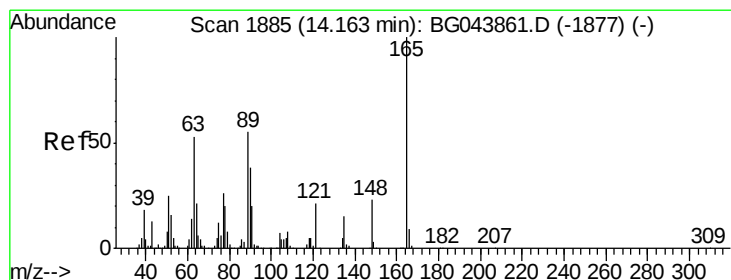
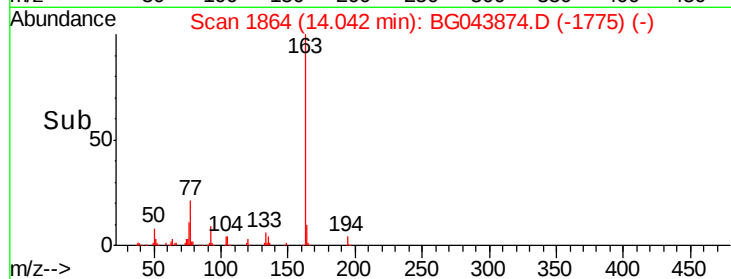
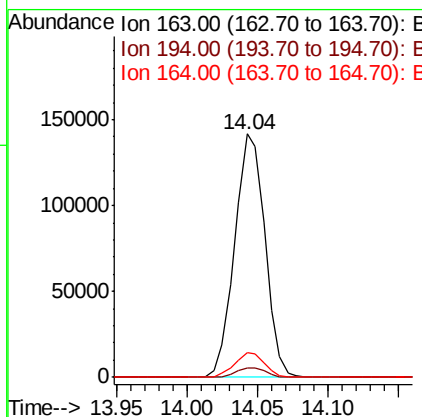
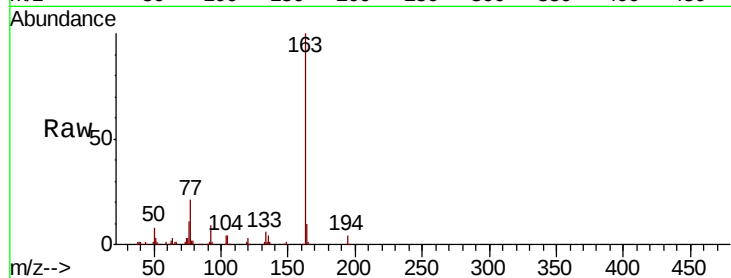




#50
Dimethylphthalate
Concen: 8.076 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

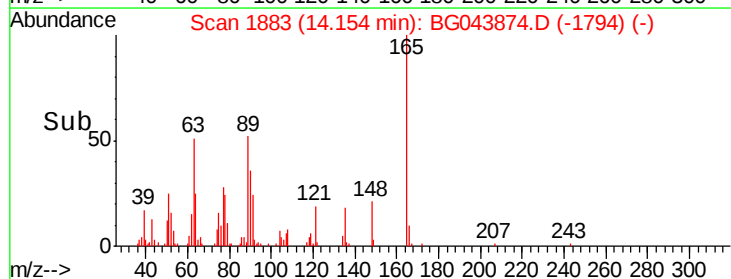
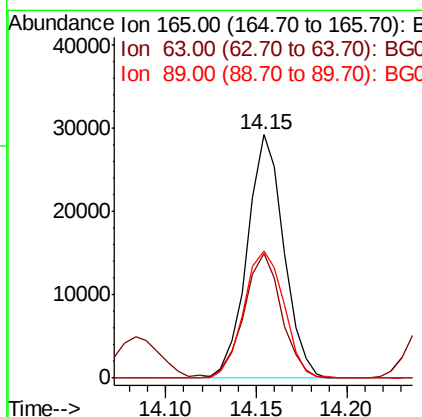
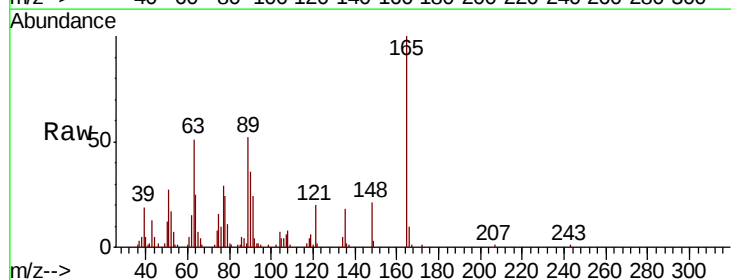
Instrument :
BNA_G
ClientSampleId :

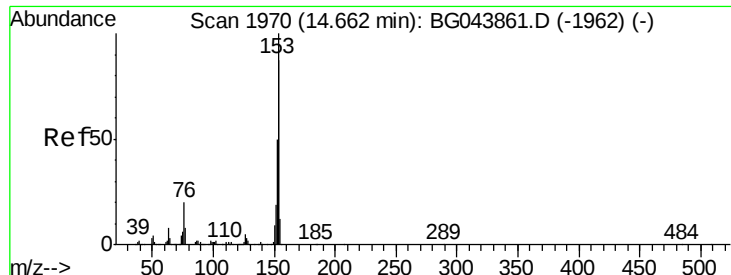
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.7	5.5
164	10.0	9.3	13.9



#51
2,6-Dinitrotoluene
Concen: 6.931 ng
RT: 14.15 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.3	43.1	64.7
89	52.3	43.8	65.6





#52

Acenaphthene

Concen: 7.497 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Instrument :

BNA_G

ClientSampleId :

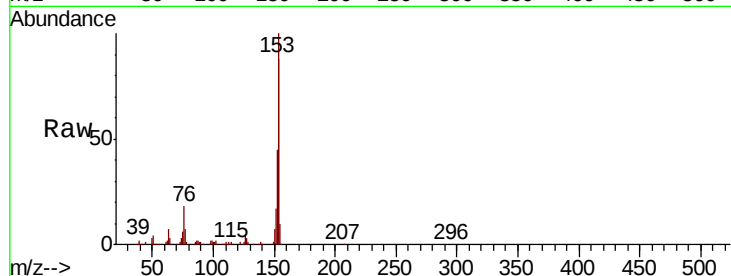
Tot Ion:154 Resp: 161456

Ion Ratio Lower Upper

154 100

153 113.5 91.6 137.4

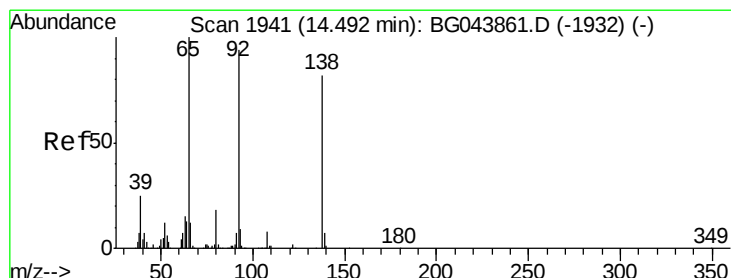
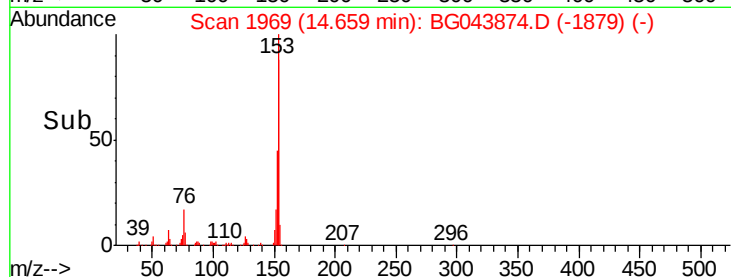
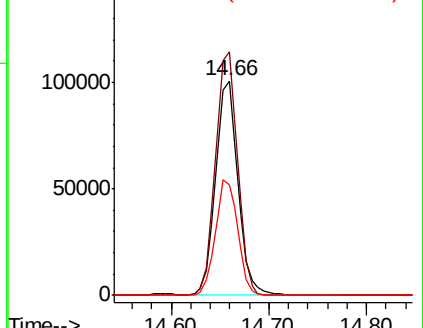
152 51.6 45.4 68.0



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: 6.623 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

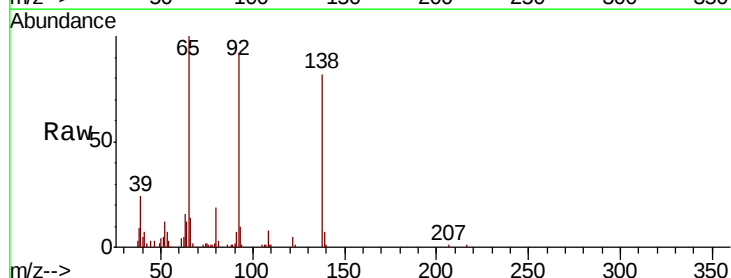
Tgt Ion:138 Resp: 44508

Ion Ratio Lower Upper

138 100

108 10.3 7.4 11.2

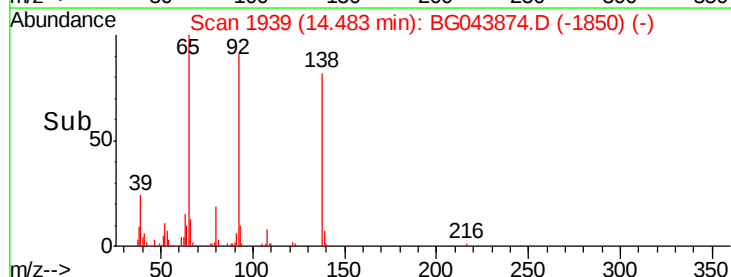
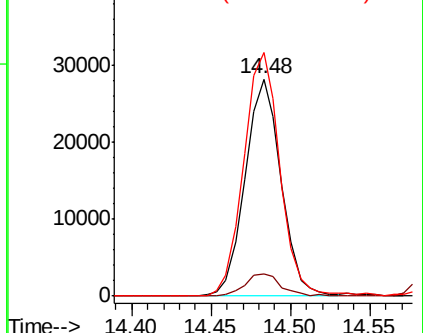
92 112.2 92.1 138.1

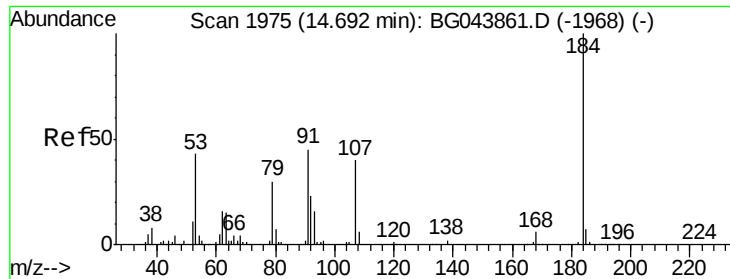


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

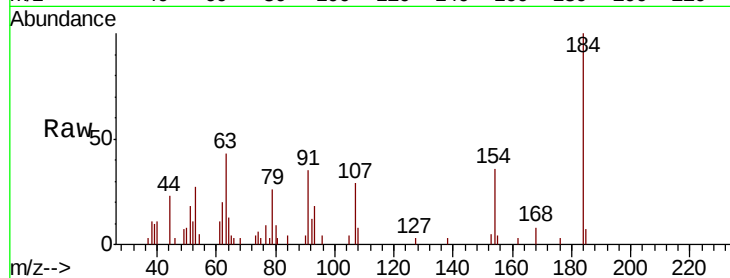




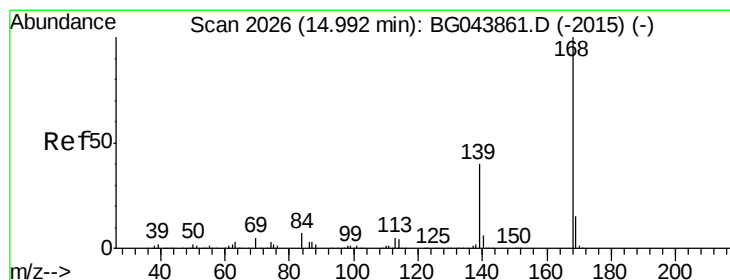
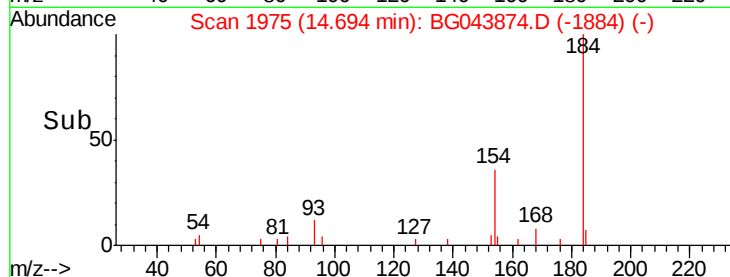
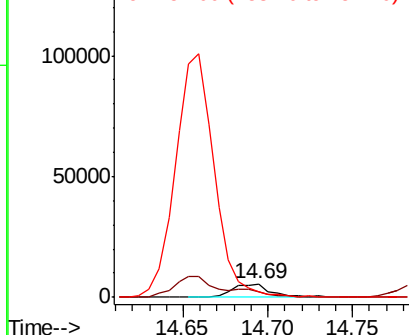
#54
2,4-Dinitrophenol
Concen: 3.397 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 9064
Ion Ratio Lower Upper
184 100
63 42.9 46.6 70.0#
154 36.3 50.2 75.4#

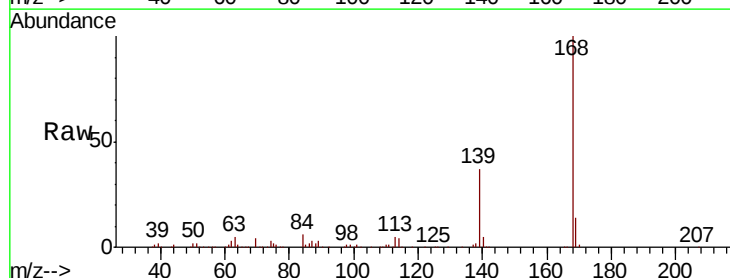


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

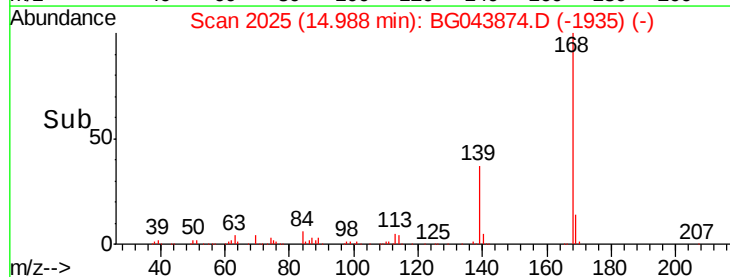
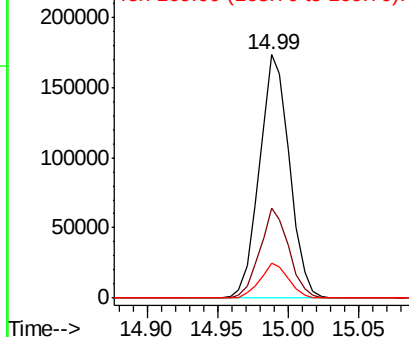


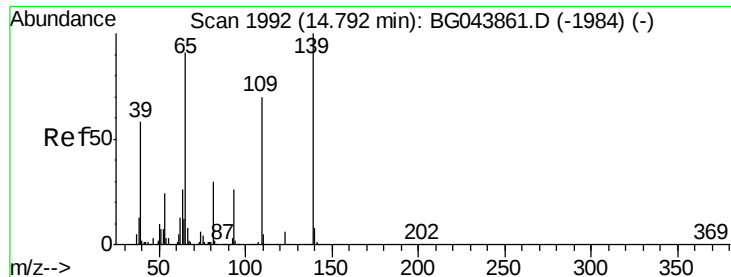
#55
Dibenzofuran
Concen: 8.754 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt Ion:168 Resp: 259525
Ion Ratio Lower Upper
168 100
139 37.0 32.2 48.2
169 14.2 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

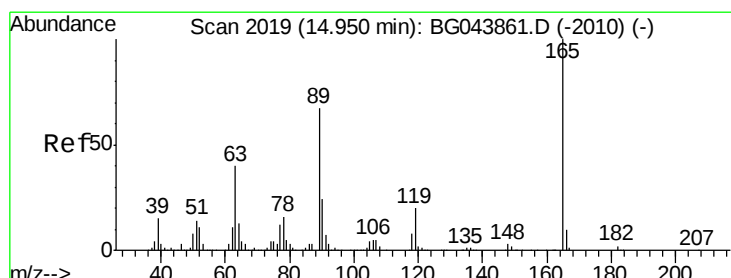
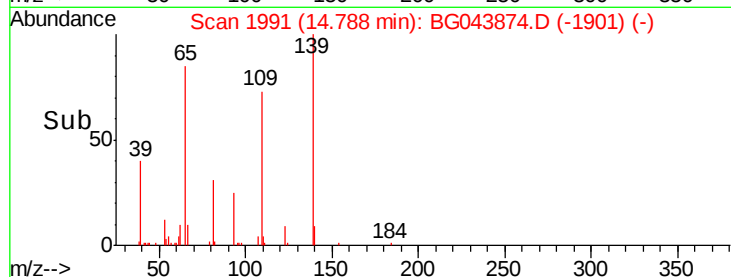
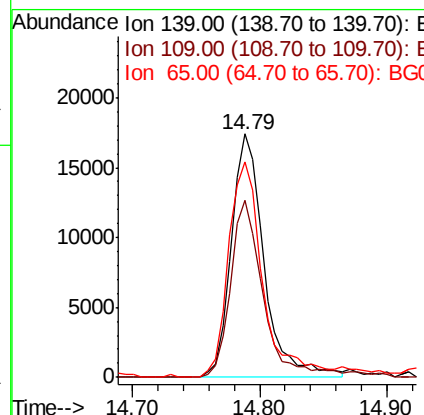
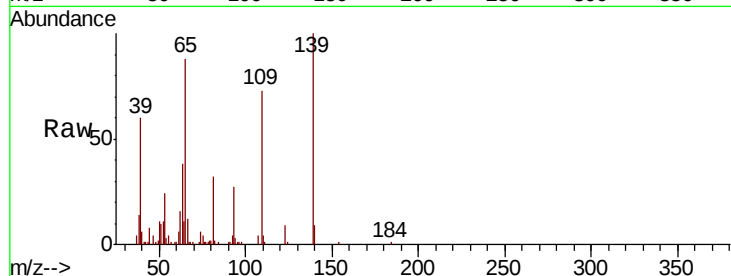




#56
4-Nitrophenol
Concen: 6.034 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

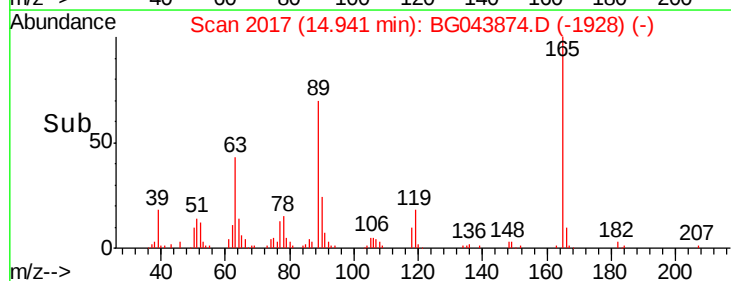
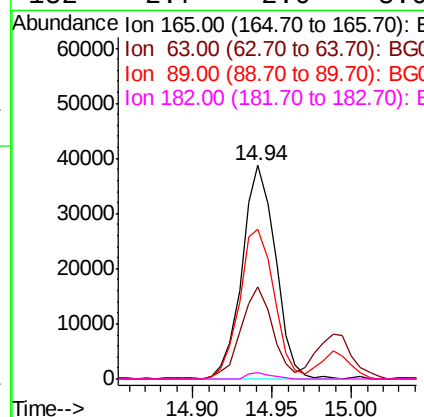
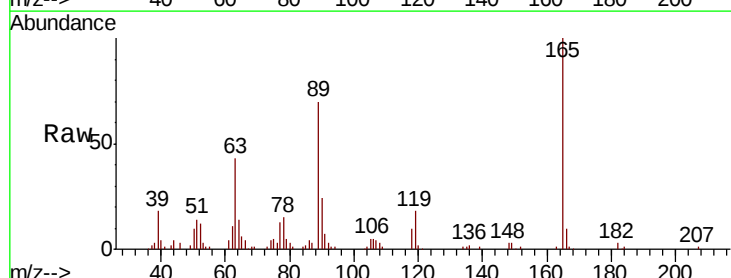
Instrument :
BNA_G
ClientSampleId :

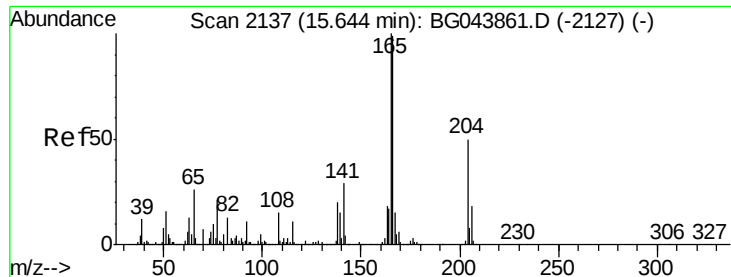
Tot Ion:139 Resp: 31077
Ion Ratio Lower Upper
139 100
109 72.6 50.4 90.4
65 88.3 71.4 111.4



#57
2,4-Dinitrotoluene
Concen: 7.031 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt Ion:165 Resp: 56624
Ion Ratio Lower Upper
165 100
63 42.9 31.9 47.9
89 70.1 53.8 80.6
182 2.7 2.0 3.0





#58

Fluorene

Concen: 8.613 ng

RT: 15.64 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Instrument :

BNA_G

ClientSampleId :

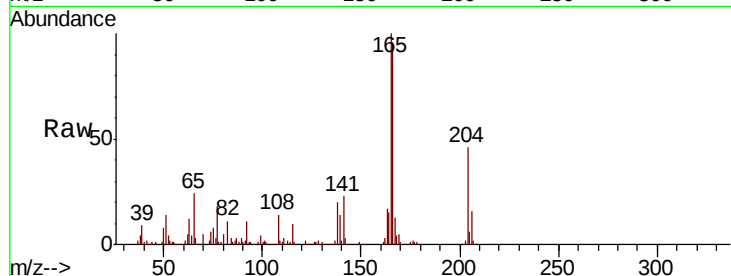
Tot Ion:166 Resp: 202378

Ion Ratio Lower Upper

166 100

165 103.8 80.8 121.2

167 13.4 12.1 18.1

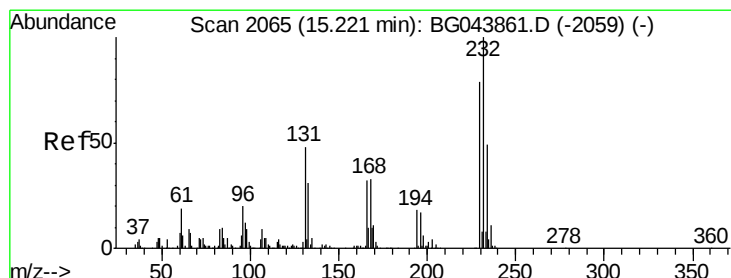
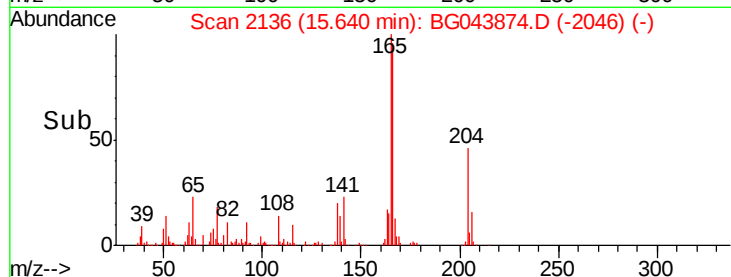
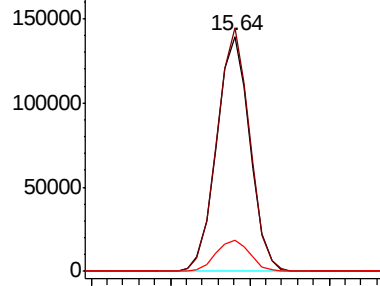


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 6.991 ng

RT: 15.22 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Tgt Ion:232 Resp: 46112

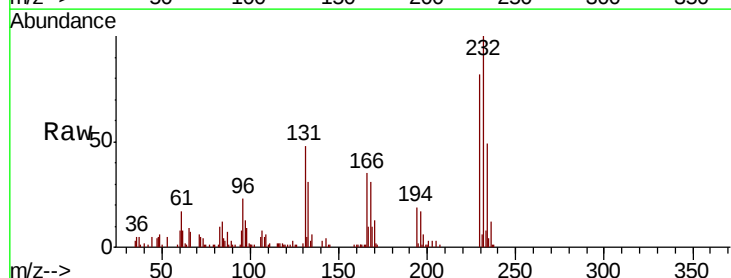
Ion Ratio Lower Upper

232 100

131 49.8 38.2 57.2

130 2.8 2.2 3.2

166 34.7 26.4 39.6



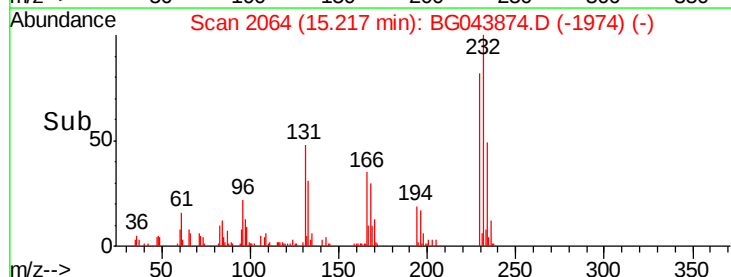
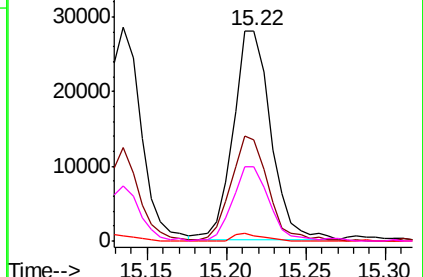
Abundance

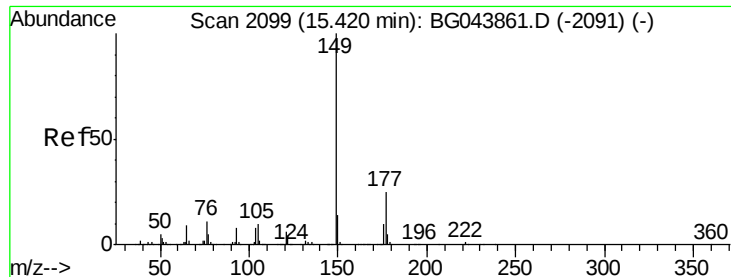
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

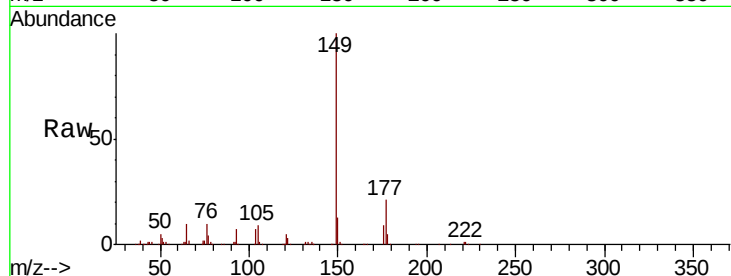




#60
Diethylphthalate
Concen: 8.166 ng
RT: 15.41 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	20.0	30.0
150	12.5	11.1	16.7

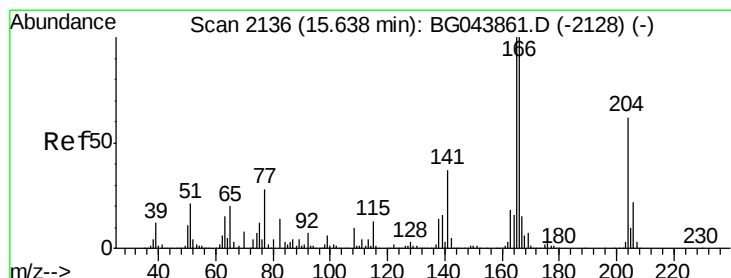
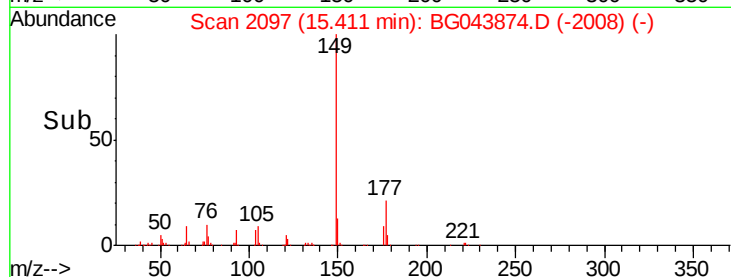
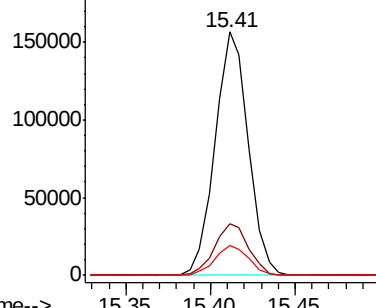


Abundance

Ion 149.00 (148.70 to 149.70): E

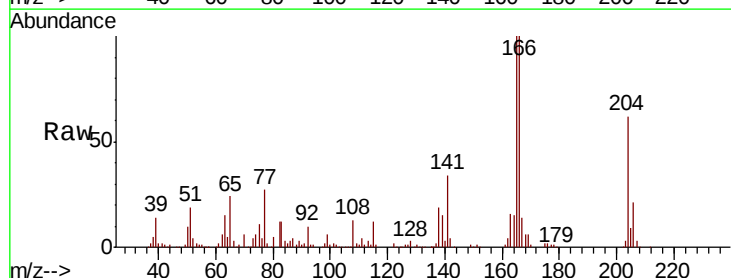
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61
4-Chlorophenyl-phenylether
Concen: 8.208 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	28.2	42.2
141	54.8	48.2	72.2

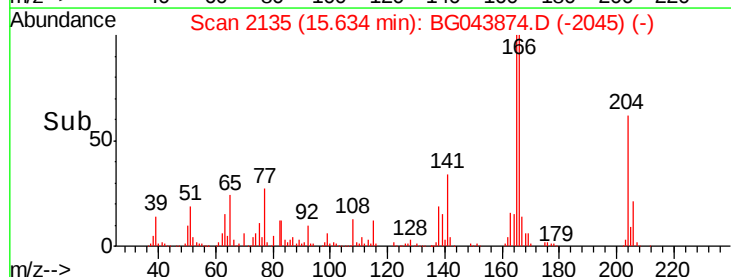
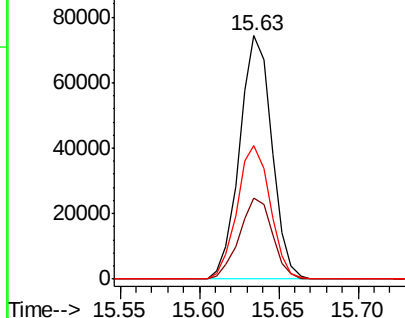


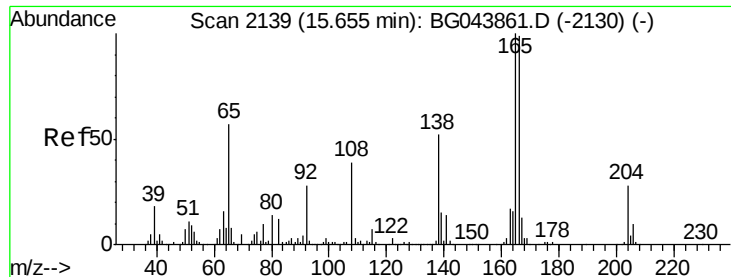
Abundance

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

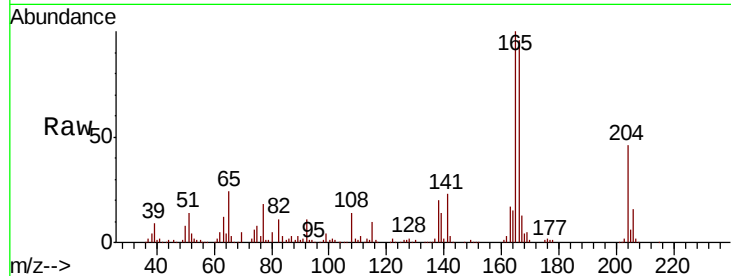




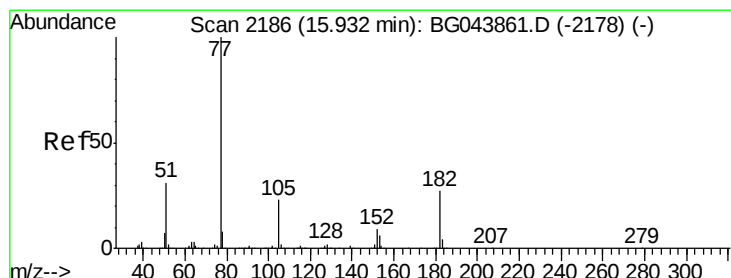
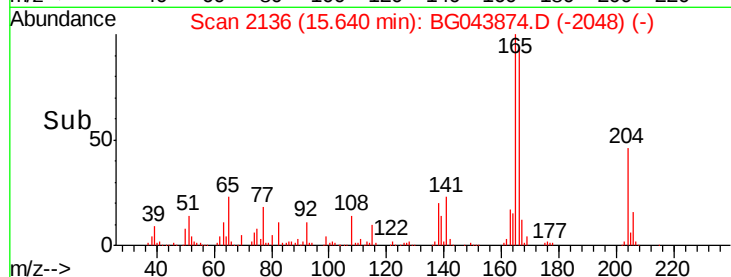
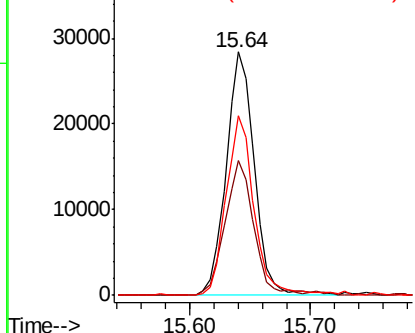
#62
4-Nitroaniline
Concen: 6.922 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 45941
Ion Ratio Lower Upper
138 100
92 55.3 34.3 74.3
108 73.6 55.0 95.0

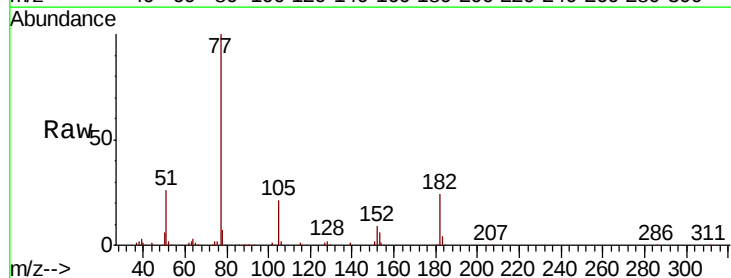


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

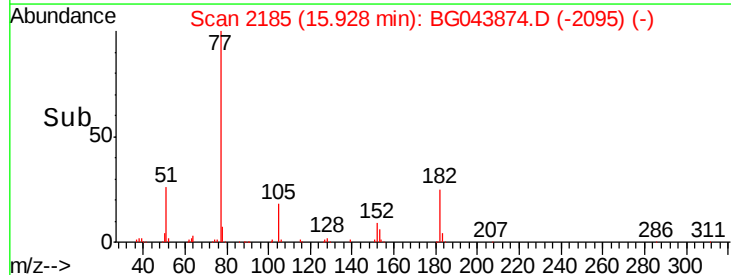
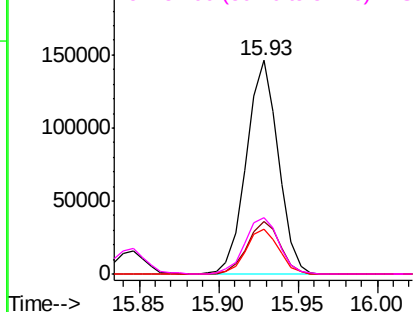


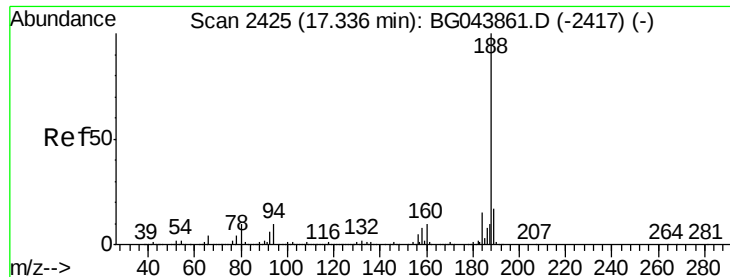
#63
Azobenzene
Concen: 8.397 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt Ion: 77 Resp: 203938
Ion Ratio Lower Upper
77 100
182 24.5 7.3 47.3
105 20.8 3.2 43.2
51 26.2 10.6 50.6



Abundance Ion 77.00 (76.70 to 77.70): BG
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BG

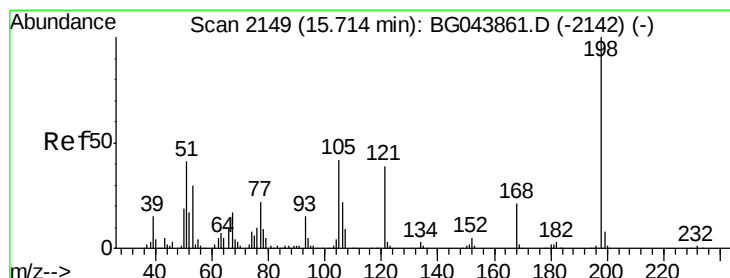
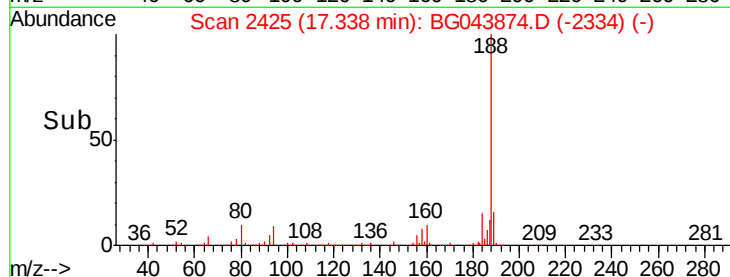
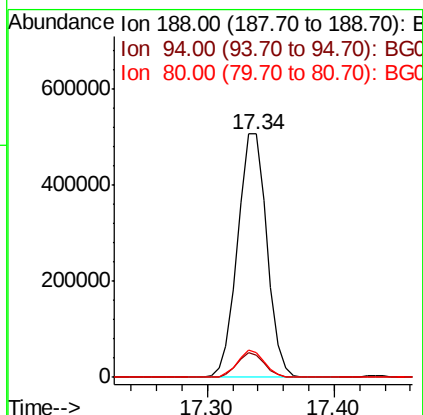
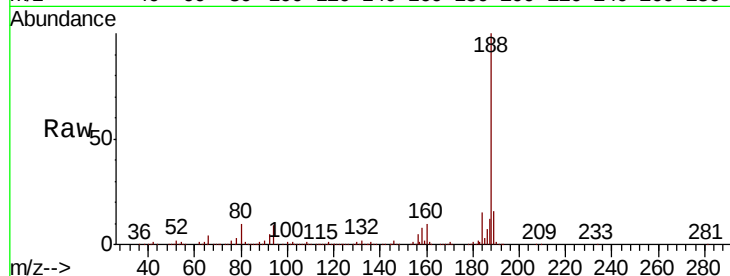




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

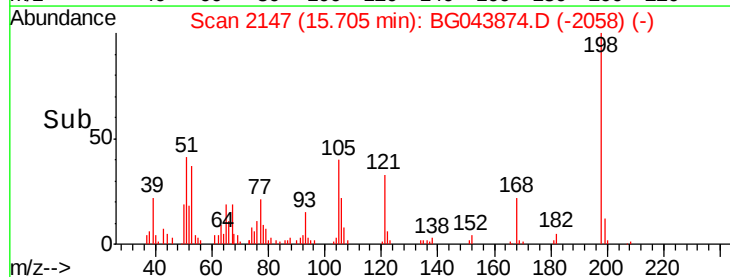
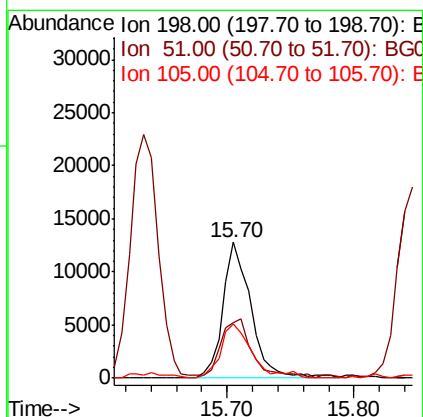
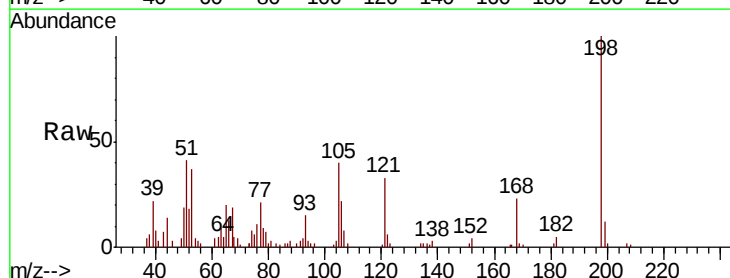
Instrument :
BNA_G
ClientSampleId :

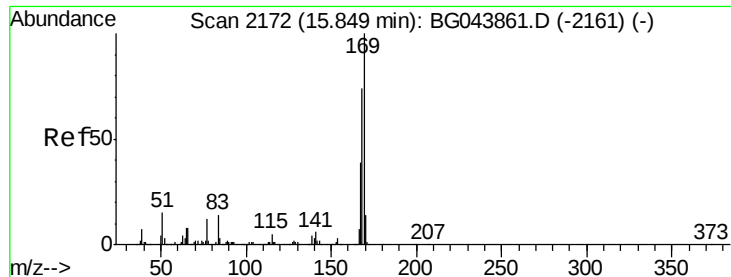
Tot Ion:188 Resp: 809900
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 10.2 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 4.989 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt Ion:198 Resp: 19650
Ion Ratio Lower Upper
198 100
51 41.3 22.5 62.5
105 39.6 22.3 62.3

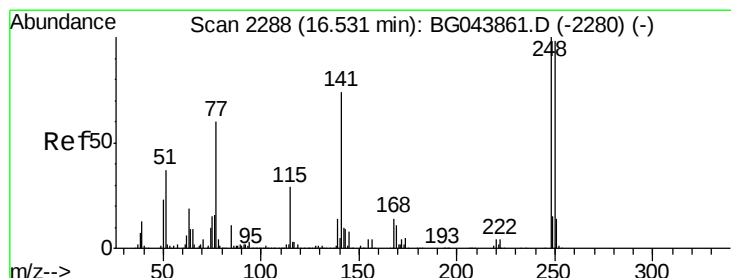
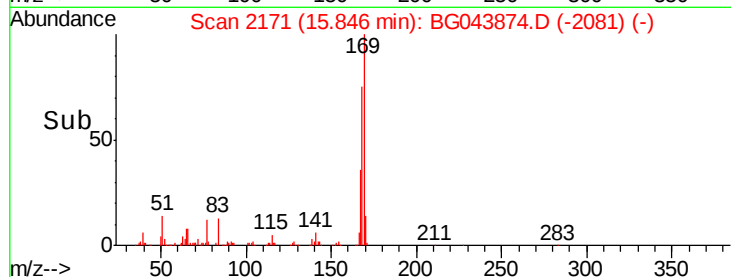
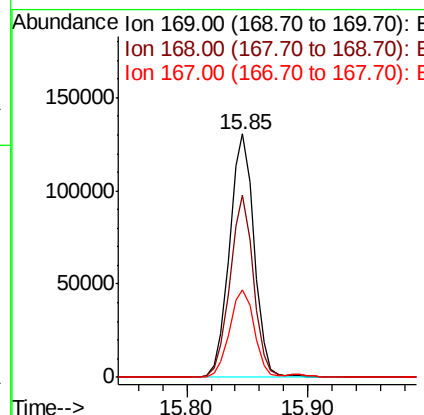
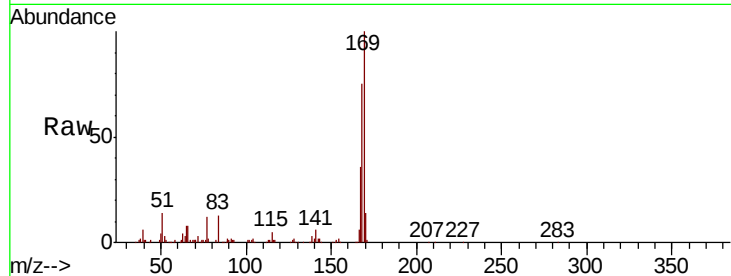




#66
 n-Nitrosodiphenylamine
 Concen: 7.711 ng
 RT: 15.85 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

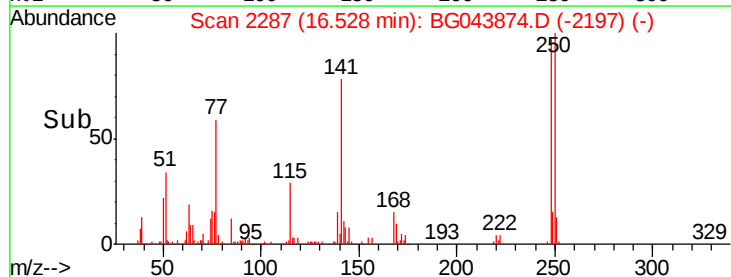
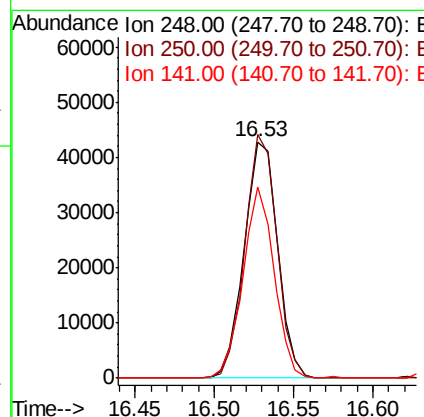
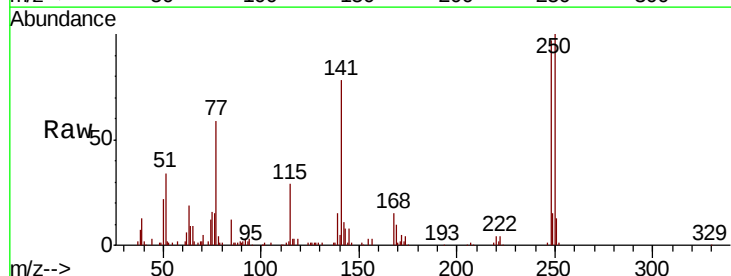
Instrument :
 BNA_G
 ClientSampleId :

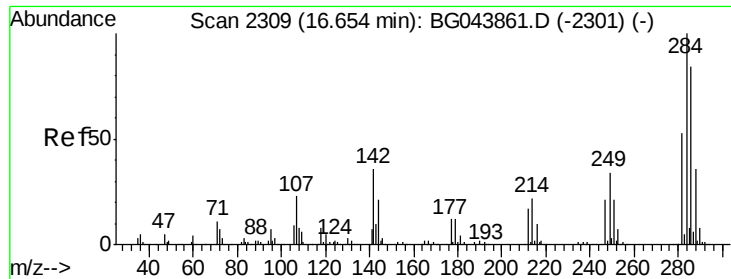
Tot Ion	169	Resp	183904
Ion Ratio	100		
Lower	59.0		
Upper	88.6		
168	75.0		
167	36.2		



#67
 4-Bromophenyl-phenylether
 Concen: 6.905 ng
 RT: 16.53 min Scan# 2287
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Tgt Ion	248	Resp	62897
Ion Ratio	100		
Lower	78.2		
Upper	117.2		
250	103.0		
141	80.8		

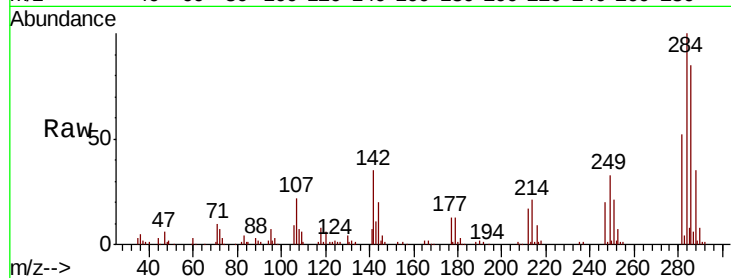




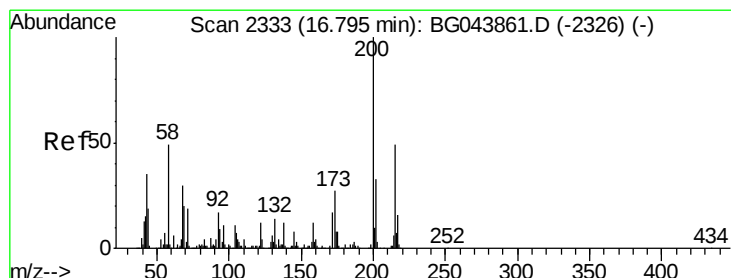
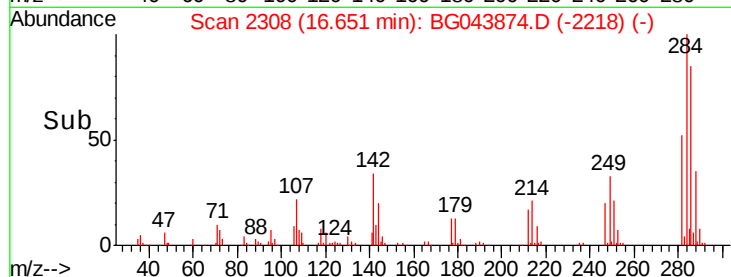
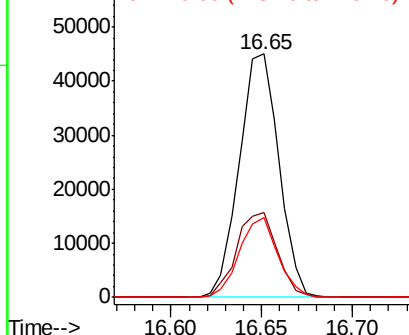
#68
Hexachlorobenzene
Concen: 6.986 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 68570
Ion Ratio Lower Upper
284 100
142 34.8 28.6 43.0
249 34.6 27.0 40.6

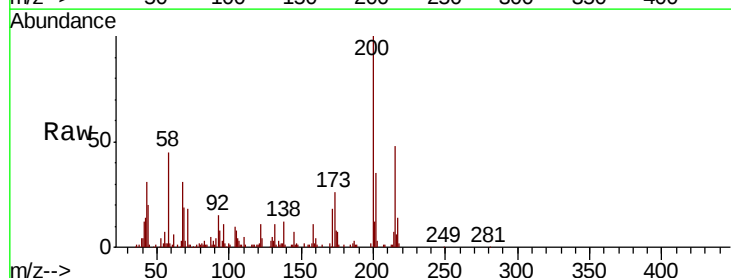


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

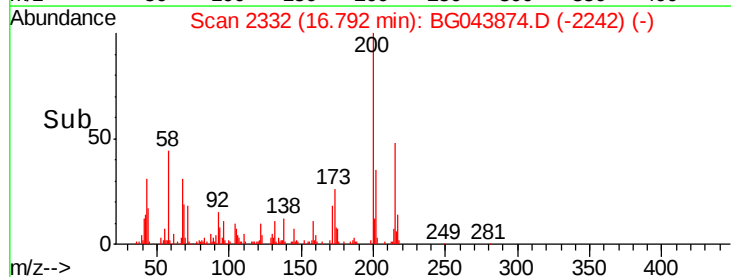
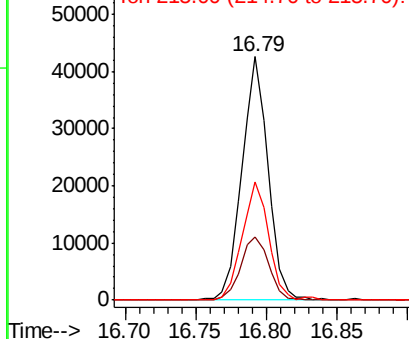


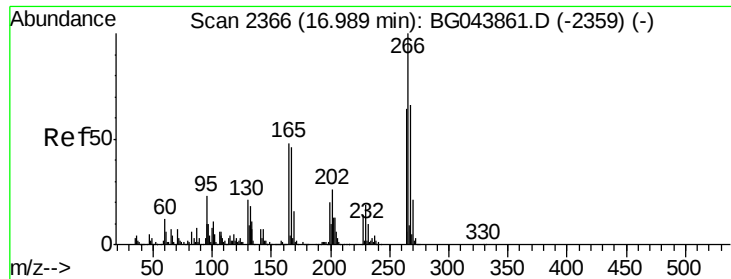
#69
Atrazine
Concen: 7.082 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt Ion:200 Resp: 54906
Ion Ratio Lower Upper
200 100
173 25.8 6.6 46.6
215 48.4 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

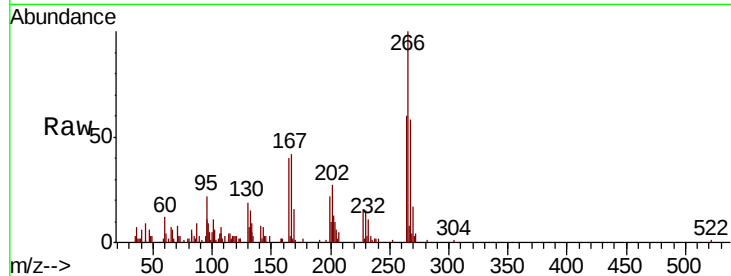




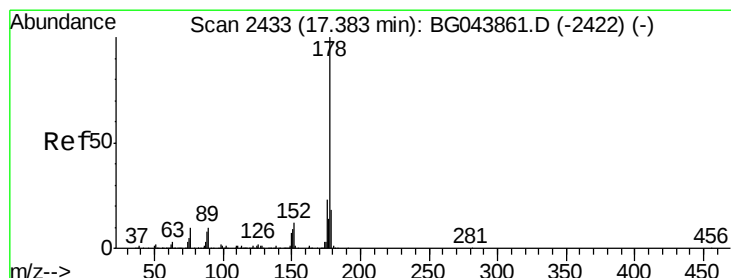
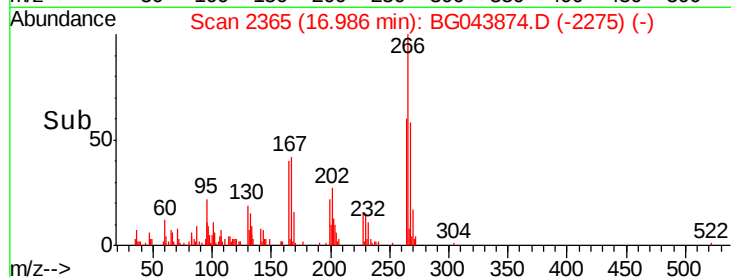
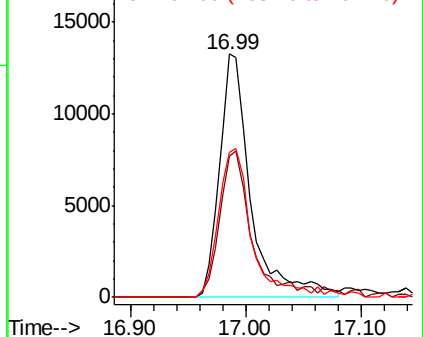
#70
 Pentachlorophenol
 Concen: 4.612 ng
 RT: 16.99 min Scan# 2365
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 24954
 Ion Ratio Lower Upper
 266 100
 268 58.0 52.6 79.0
 264 59.7 50.8 76.2

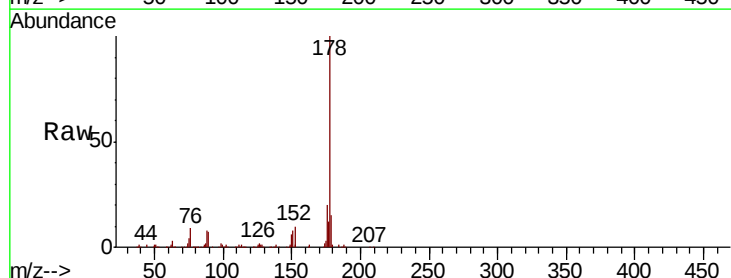


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

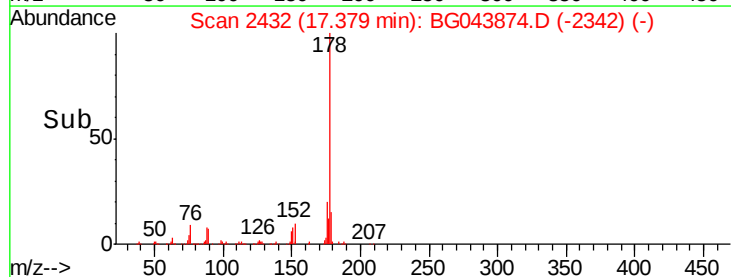
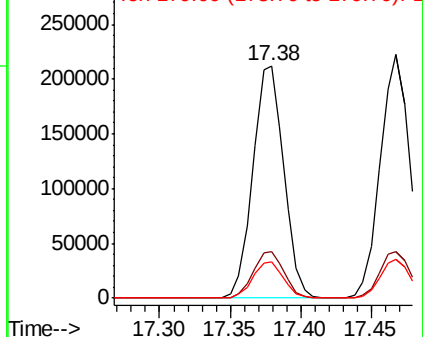


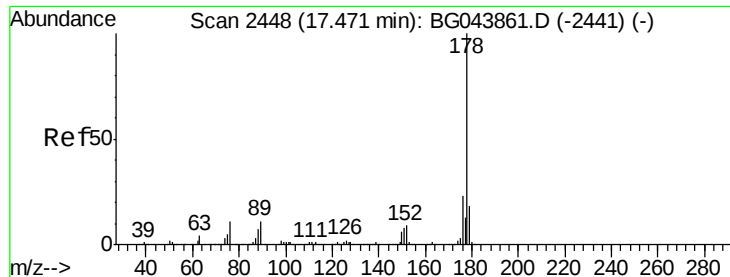
#71
 Phenanthrene
 Concen: 8.421 ng
 RT: 17.38 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Tgt Ion:178 Resp: 327133
 Ion Ratio Lower Upper
 178 100
 176 20.2 18.6 28.0
 179 15.4 14.4 21.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 8.530 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Instrument :

BNA_G

ClientSampled :

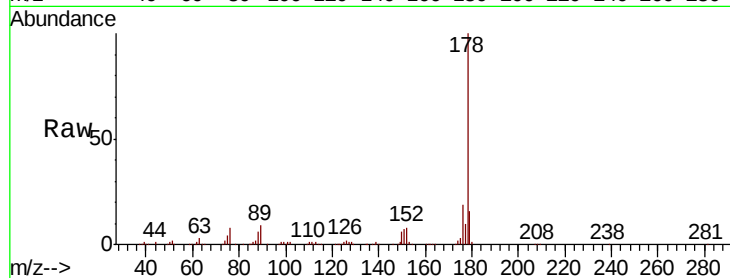
Tot Ion:178 Resp: 327473

Ion Ratio Lower Upper

178 100

176 19.3 18.3 27.5

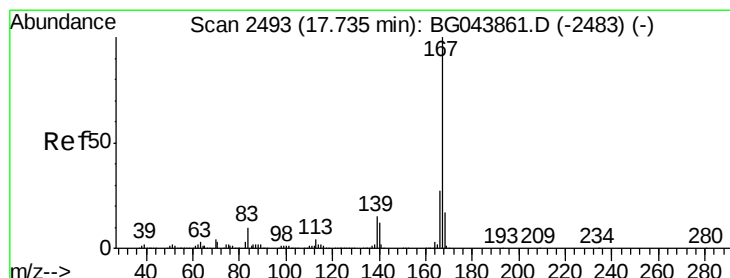
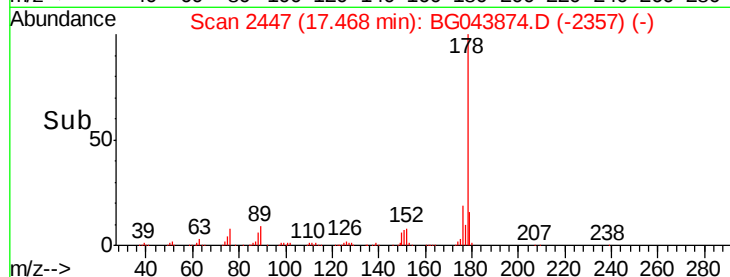
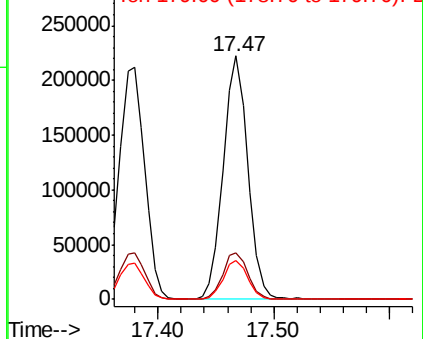
179 16.0 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 8.336 ng

RT: 17.73 min Scan# 2492

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

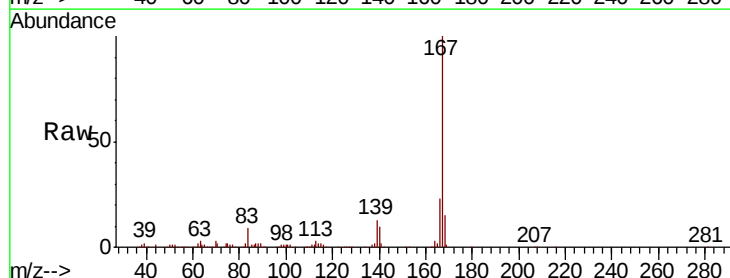
Tgt Ion:167 Resp: 295604

Ion Ratio Lower Upper

167 100

166 23.2 21.6 32.4

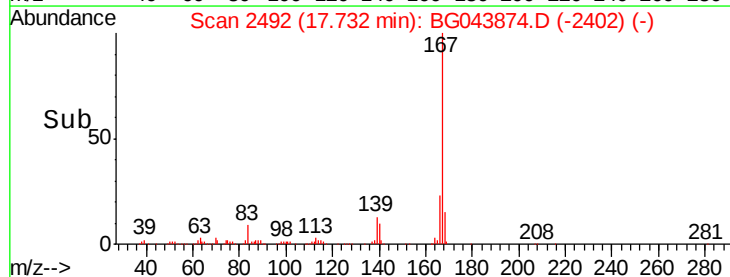
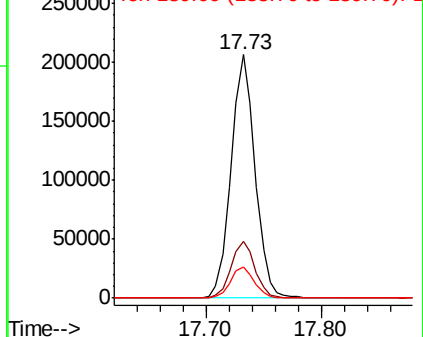
139 12.5 12.1 18.1

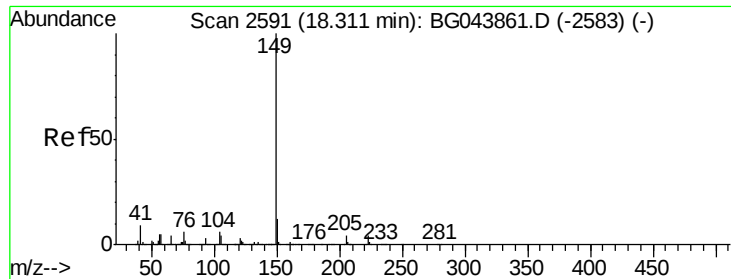


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 7.965 ng

RT: 18.31 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Instrument :

BNA_G

ClientSampleId :

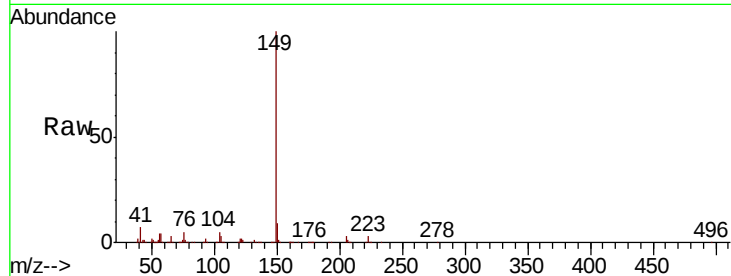
Tot Ion:149 Resp: 360622

Ion Ratio Lower Upper

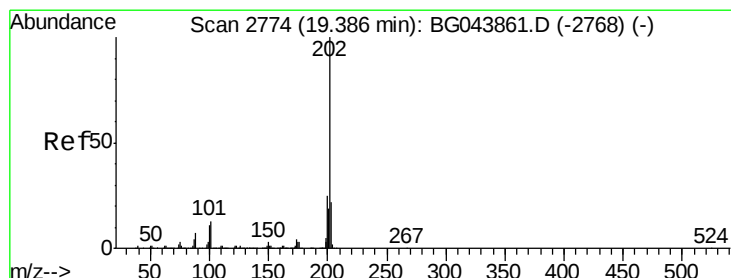
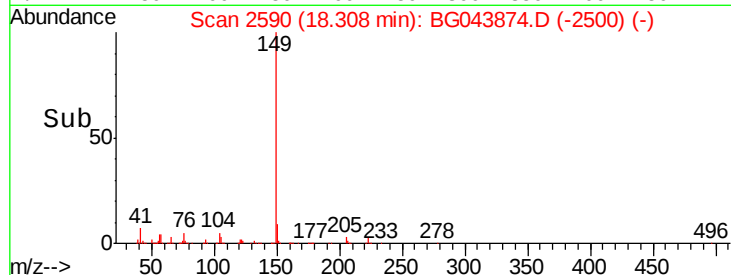
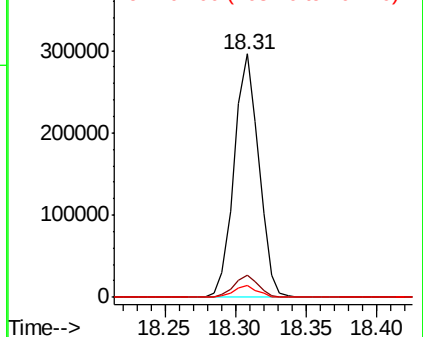
149 100

150 8.9 9.7 14.5#

104 5.0 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: 8.525 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

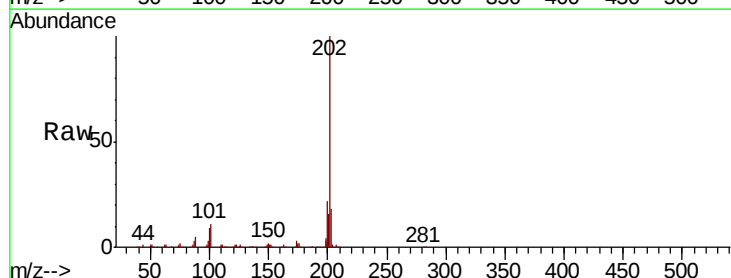
Tgt Ion:202 Resp: 378759

Ion Ratio Lower Upper

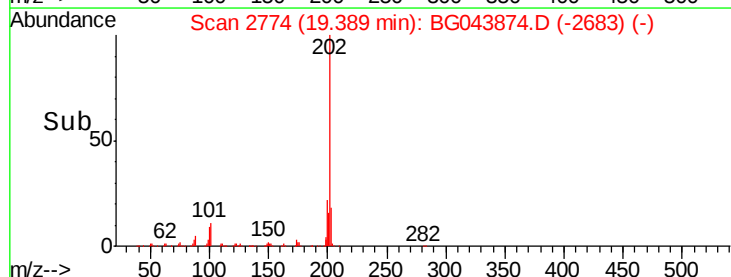
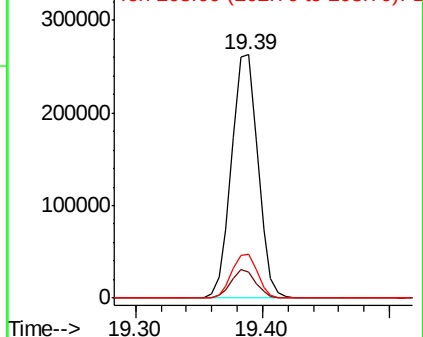
202 100

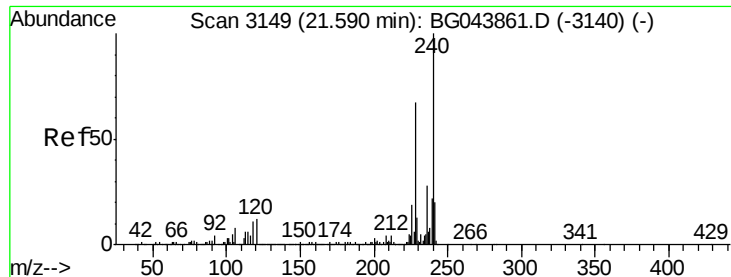
101 10.7 0.0 33.3

203 18.1 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

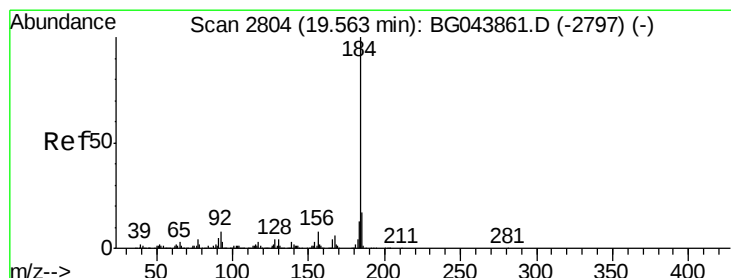
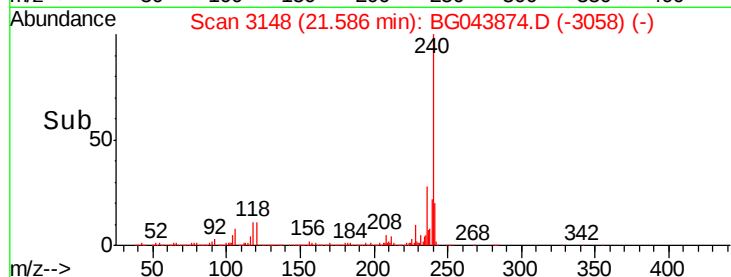
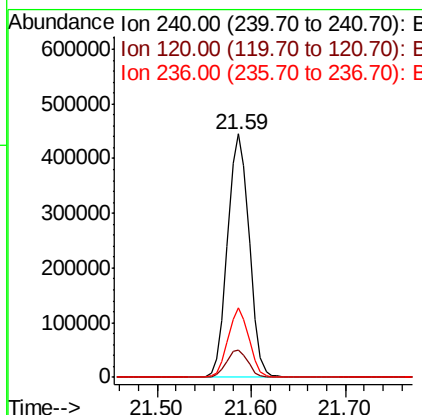
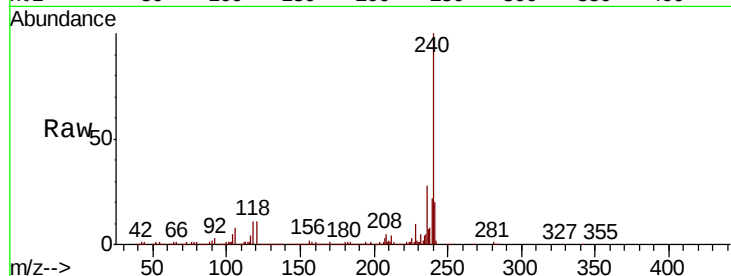




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

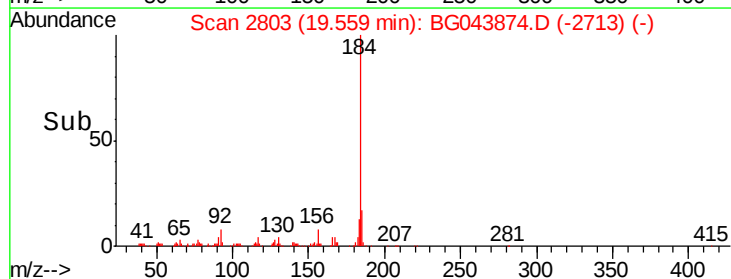
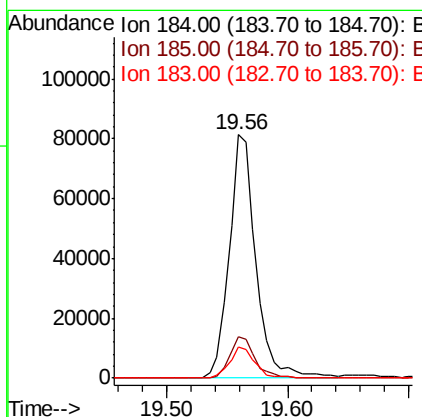
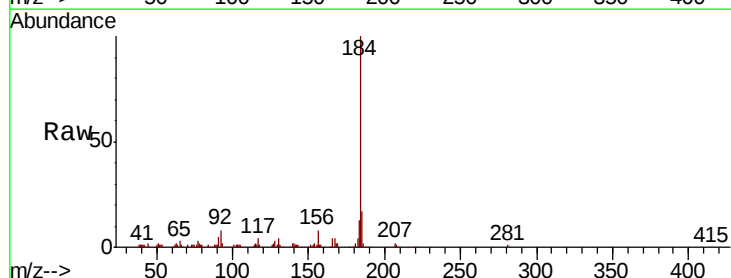
Instrument :
BNA_G
ClientSampled :

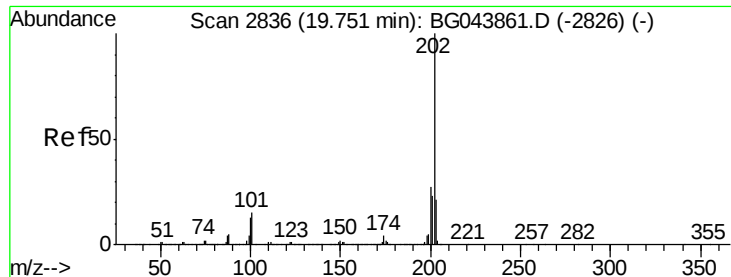
Tot Ion:240 Resp: 710791
Ion Ratio Lower Upper
240 100
120 11.5 9.6 14.4
236 28.5 22.2 33.2



#77
Benzidine
Concen: 6.997 ng
RT: 19.56 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt Ion:184 Resp: 125007
Ion Ratio Lower Upper
184 100
185 17.0 13.4 20.0
183 12.6 10.6 15.8

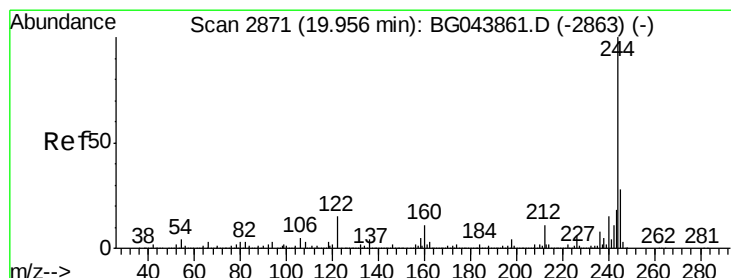
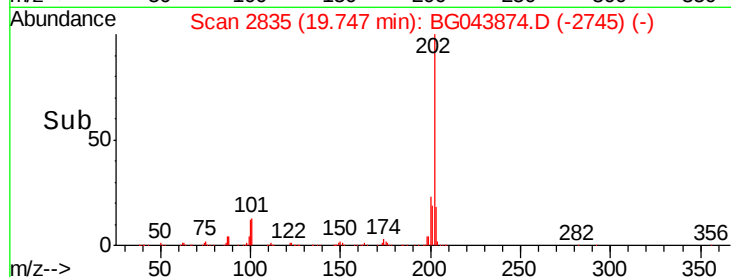
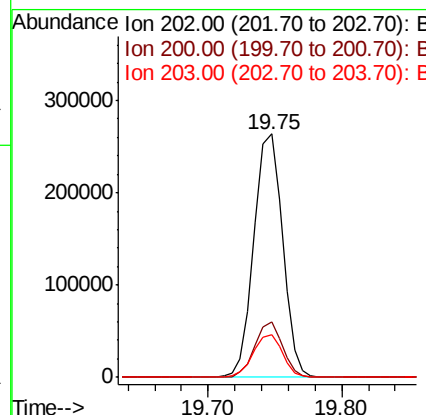
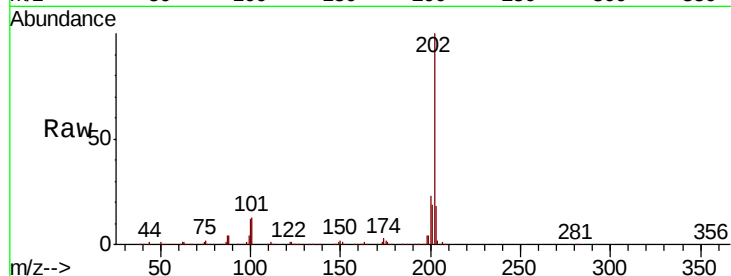




#78
Pvrene
Concen: 8.458 ng
RT: 19.75 min Scan# 2835
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

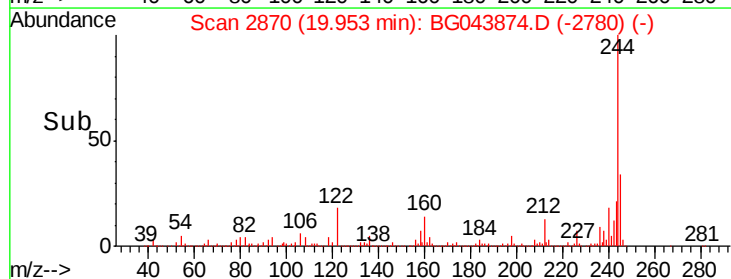
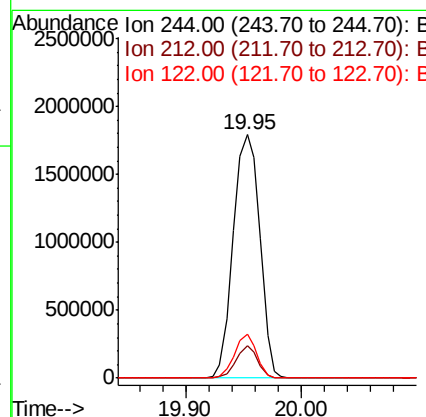
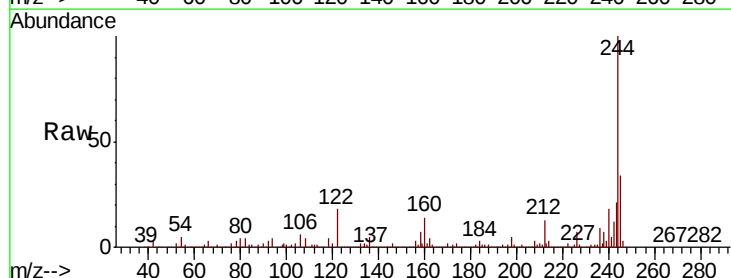
Instrument :
BNA_G
ClientSampleId :

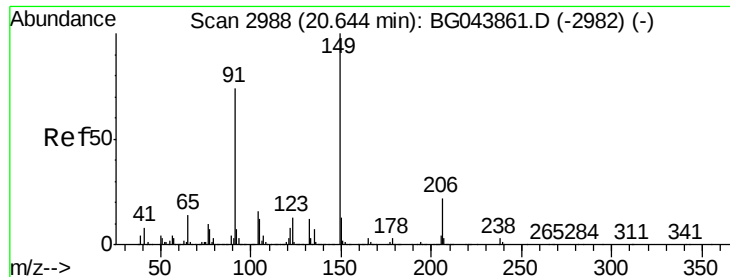
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	21.7	32.5
203	17.7	17.0	25.6



#79
Terphenyl-d14
Concen: 97.473 ng
RT: 19.95 min Scan# 2870
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	13.4	8.6	13.0#
122	18.1	11.9	17.9#

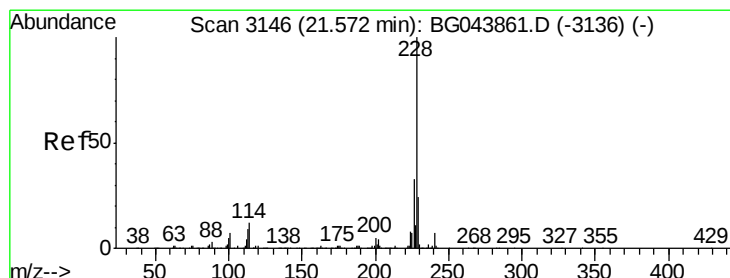
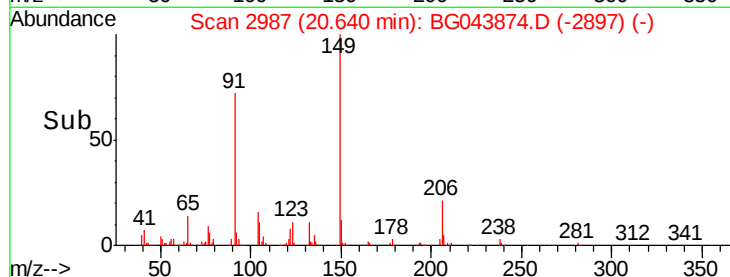
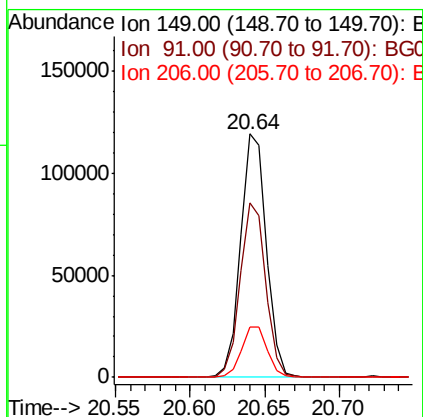
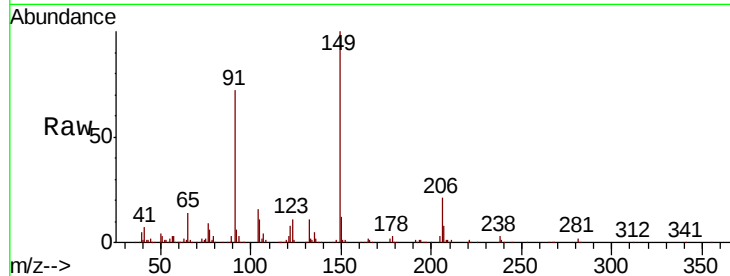




#80
Butylbenzylphthalate
Concen: 6.447 ng
RT: 20.64 min Scan# 2987
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

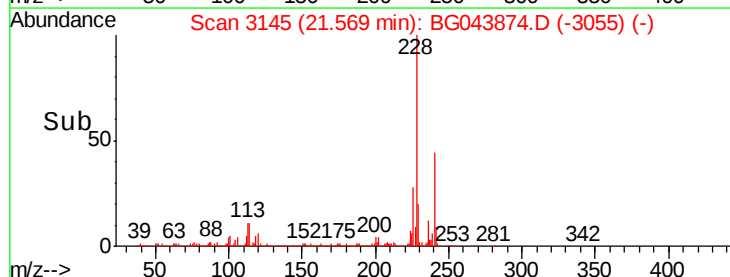
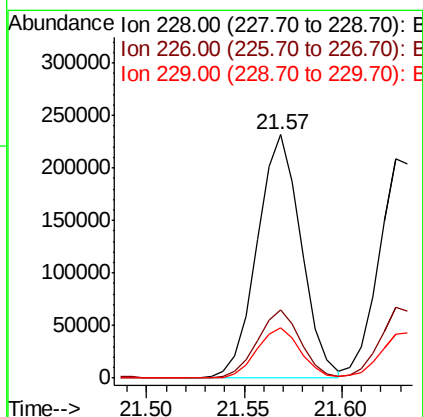
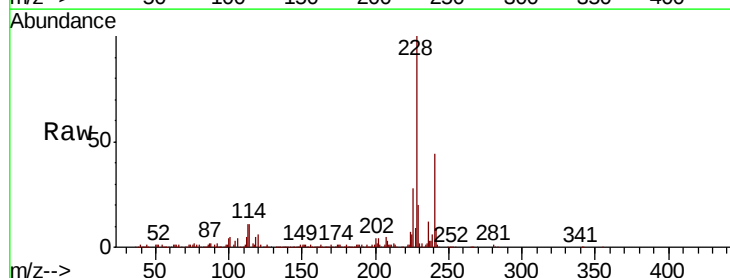
Instrument :
BNA_G
ClientSampleId :

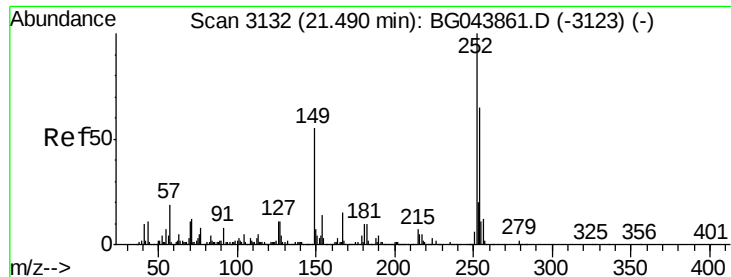
Tot Ion:149 Resp: 142401
Ion Ratio Lower Upper
149 100
91 71.9 59.5 89.3
206 20.8 17.8 26.6



#81
Benzo(a)anthracene
Concen: 8.198 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt Ion:228 Resp: 361326
Ion Ratio Lower Upper
228 100
226 28.1 26.2 39.4
229 20.4 18.9 28.3

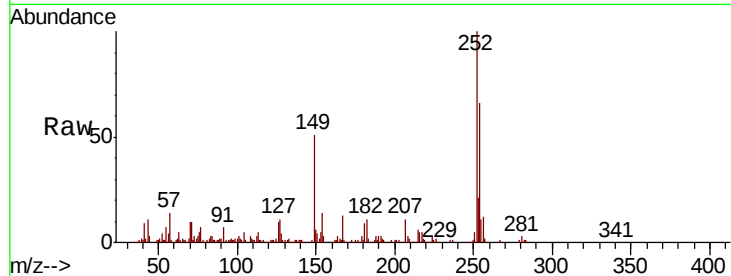




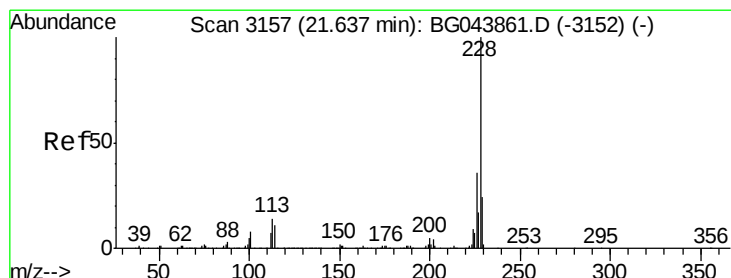
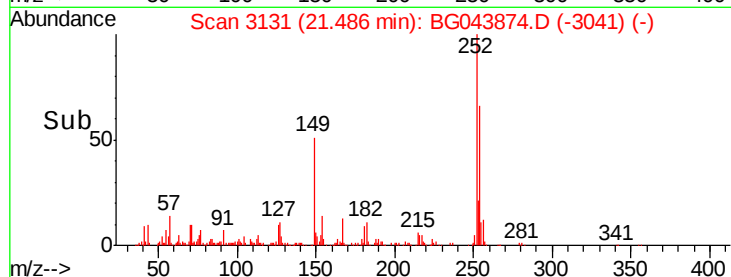
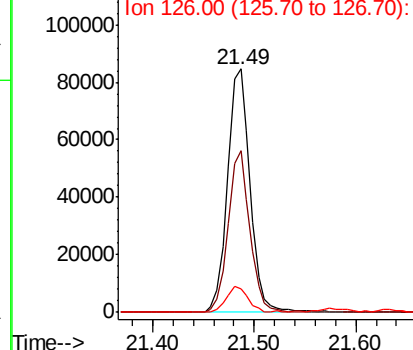
#82
 3,3'-Dichlorobenzidine
 Concen: 7.522 ng
 RT: 21.49 min Scan# 3131
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 130982
 Ion Ratio Lower Upper
 252 100
 254 66.2 52.1 78.1
 126 9.5 9.1 13.7

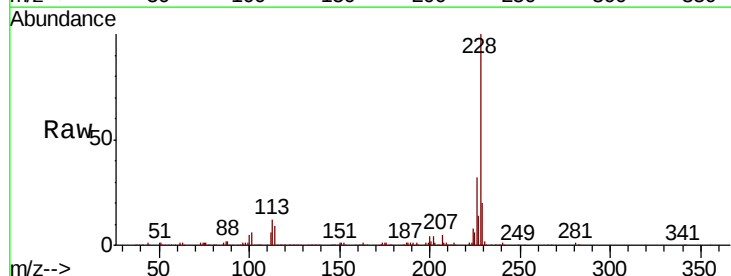


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

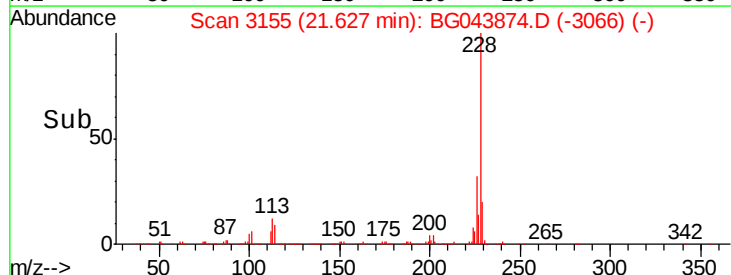
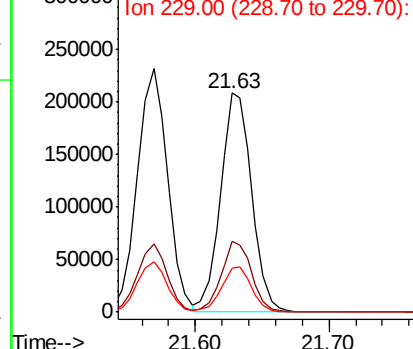


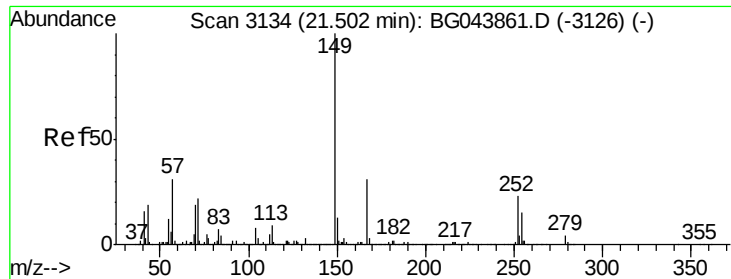
#83
 Chrysene
 Concen: 8.133 ng
 RT: 21.63 min Scan# 3155
 Delta R.T. -0.01 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Tgt Ion:228 Resp: 340618
 Ion Ratio Lower Upper
 228 100
 226 32.5 28.8 43.2
 229 20.3 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: 7.309 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Instrument :

BNA_G

ClientSampleId :

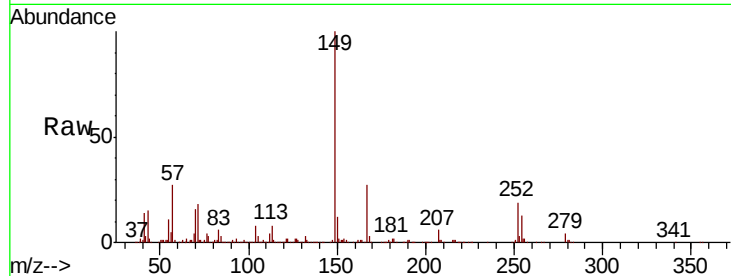
Tot Ion:149 Resp: 222756

Ion Ratio Lower Upper

149 100

167 27.0 24.7 37.1

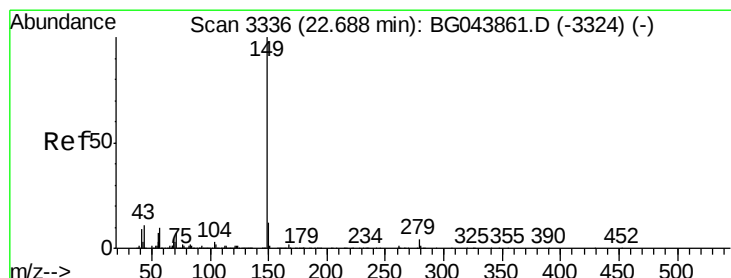
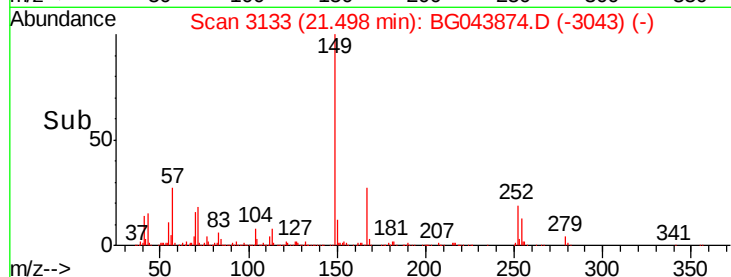
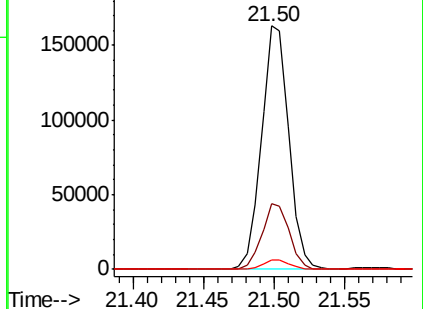
279 3.6 3.3 4.9



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: 6.886 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

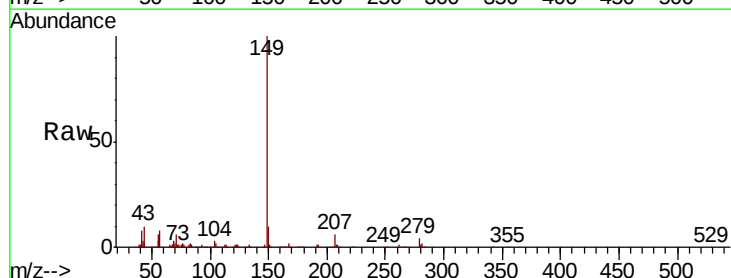
Tgt Ion:149 Resp: 352817

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

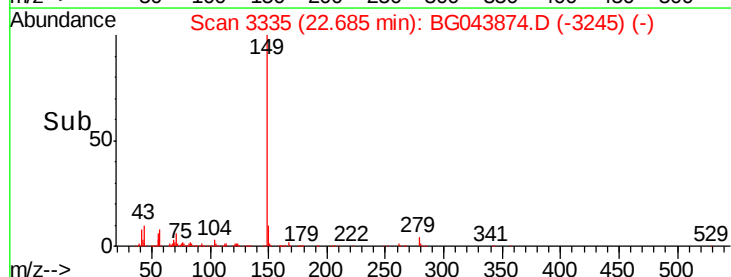
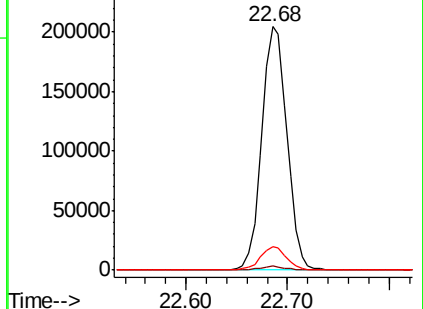
43 9.7 8.8 13.2

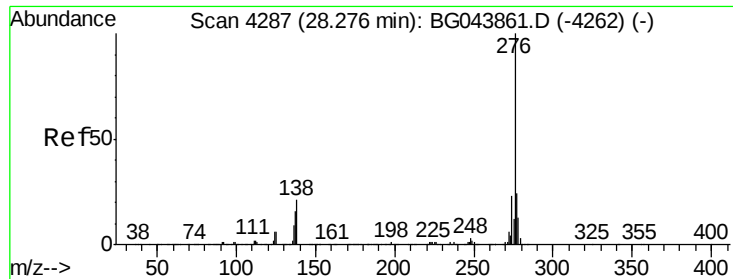


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

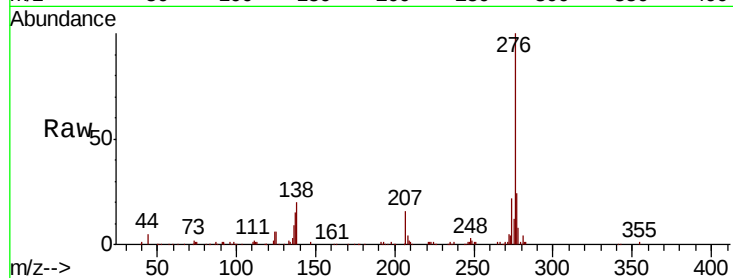




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 6.838 ng
 RT: 28.25 min Scan# 4282
 Delta R.T. -0.03 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.4	21.0	31.4#
277	25.1	21.1	31.7

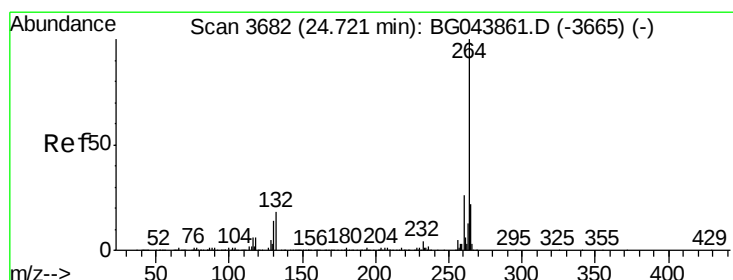
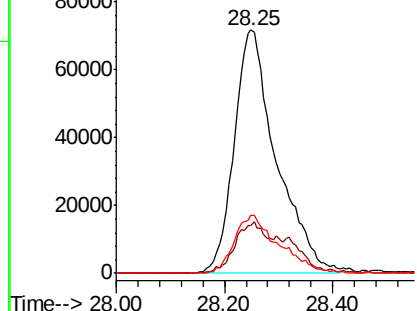
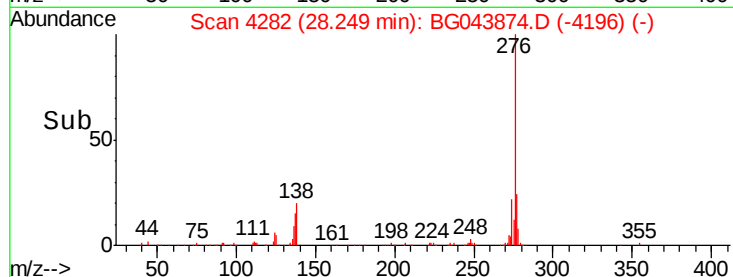


Abundance

Ion 276.00 (275.70 to 276.70): E

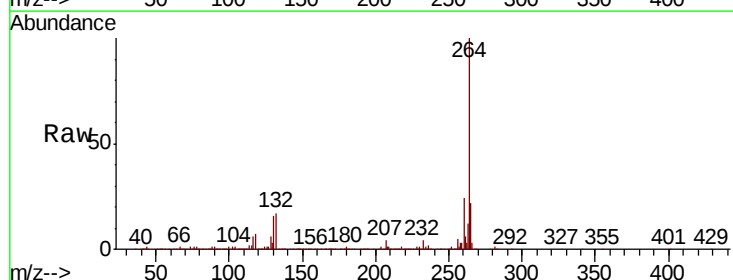
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.71 min Scan# 3680
 Delta R.T. -0.01 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.4	30.6
265	21.7	17.4	26.2

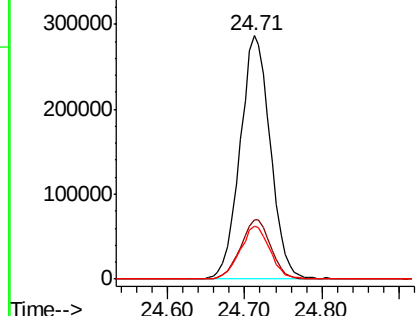
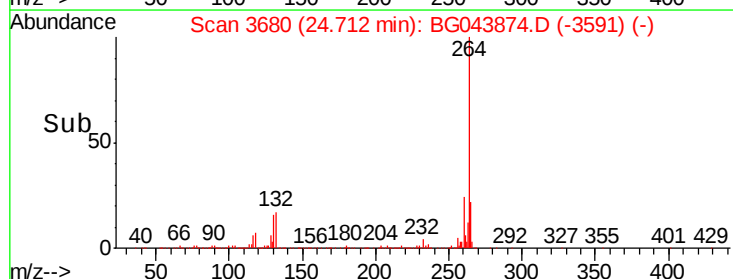


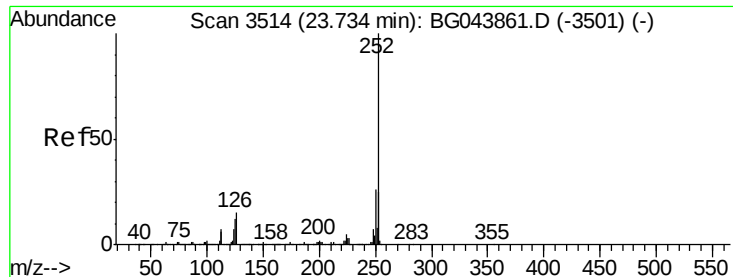
Abundance

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: 7.364 ng

RT: 23.72 min Scan# 3512

Delta R.T. -0.01 min

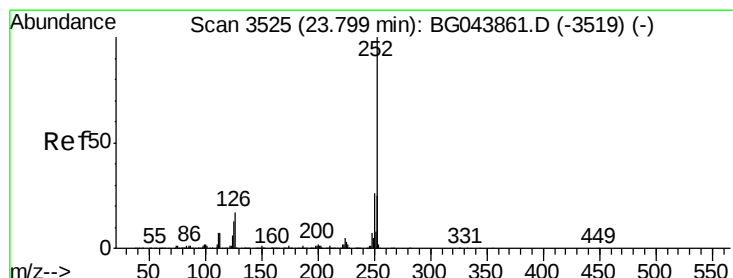
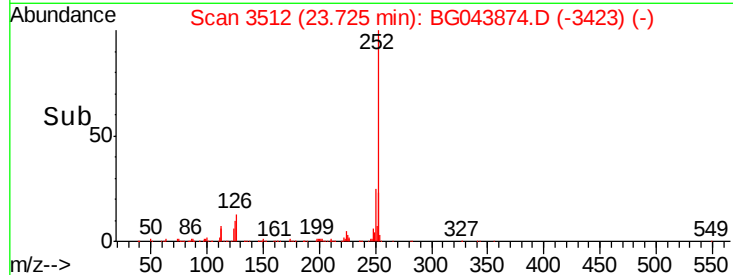
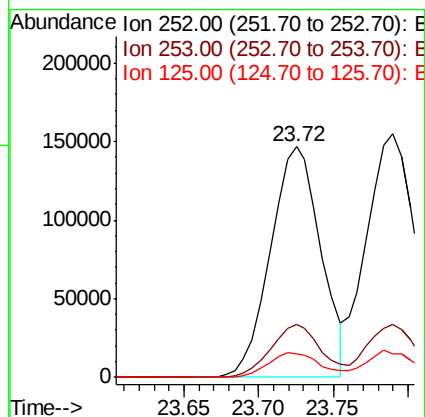
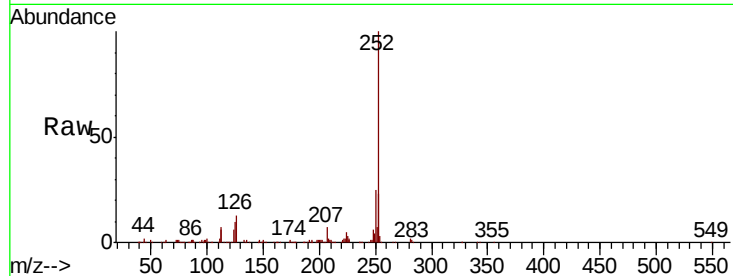
Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 344343

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.7	29.5
125	10.3	9.4	14.2



#89

Benzo(k)fluoranthene

Concen: 7.744 ng

RT: 23.72 min Scan# 3512

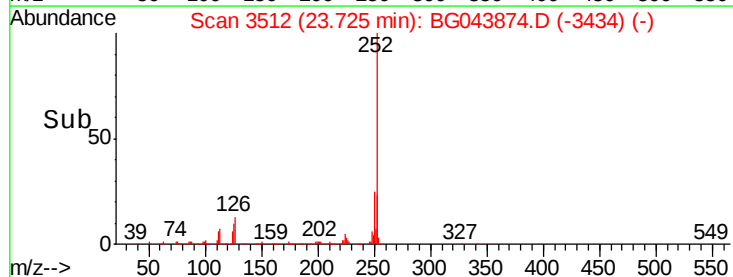
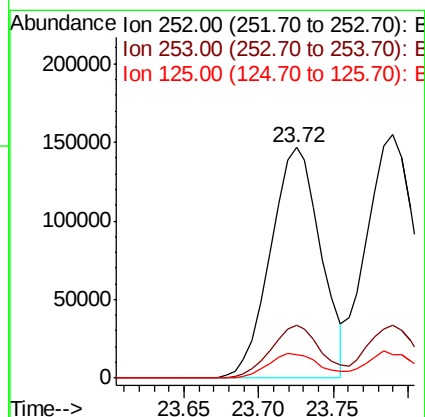
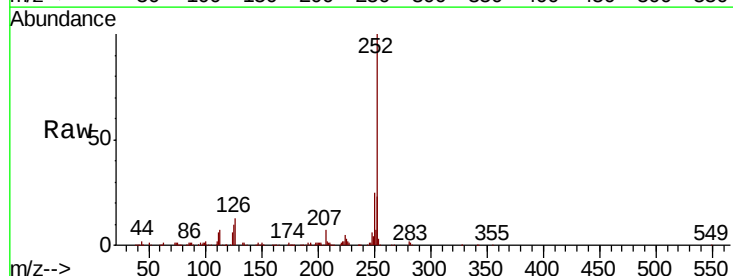
Delta R.T. -0.07 min

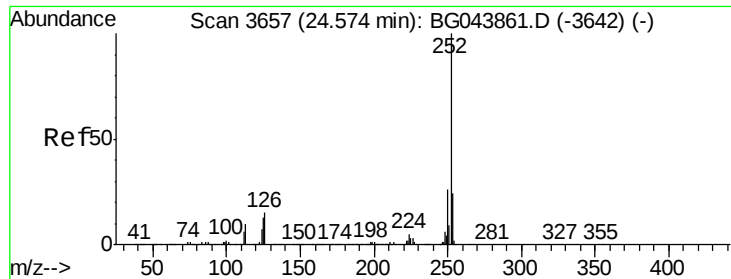
Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Tgt Ion:252 Resp: 344343

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.4	29.2
125	10.3	9.9	14.9





#90

Benzo(a)pyrene

Concen: 7.191 ng

RT: 24.57 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Instrument :

BNA_G

ClientSampleId :

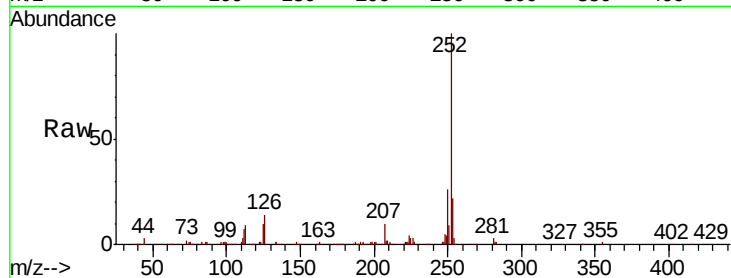
Tot Ion:252 Resp: 317350

Ion Ratio Lower Upper

252 100

253 21.8 19.3 28.9

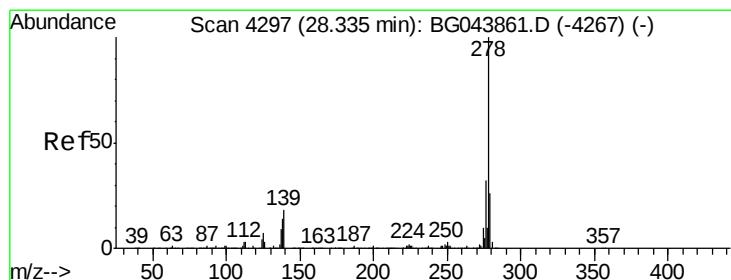
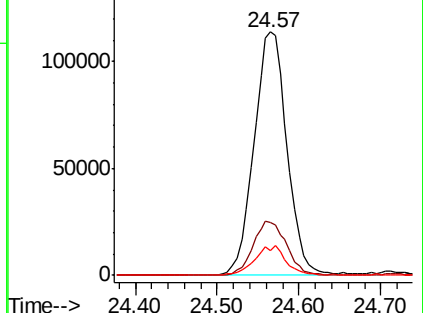
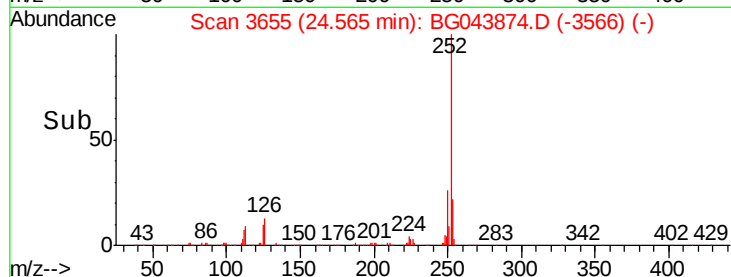
125 10.1 10.4 15.6#



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: 7.442 ng

RT: 28.32 min Scan# 4294

Delta R.T. -0.02 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

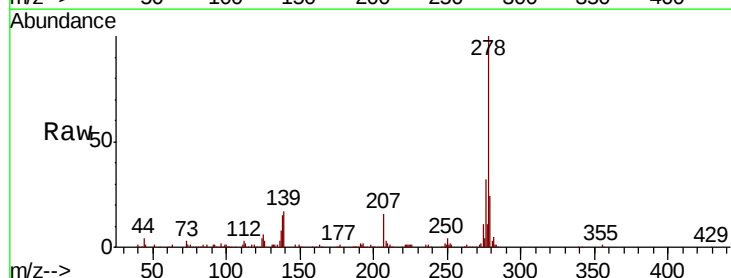
Tgt Ion:278 Resp: 329815

Ion Ratio Lower Upper

278 100

139 17.2 14.2 21.4

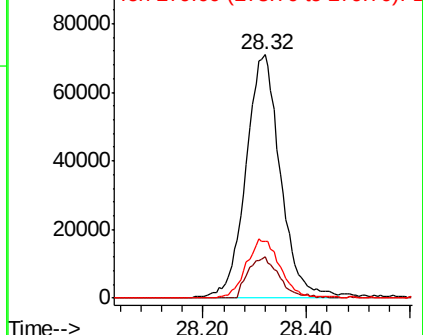
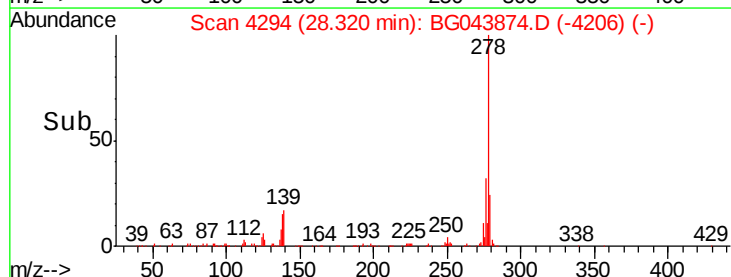
279 23.5 20.6 30.8

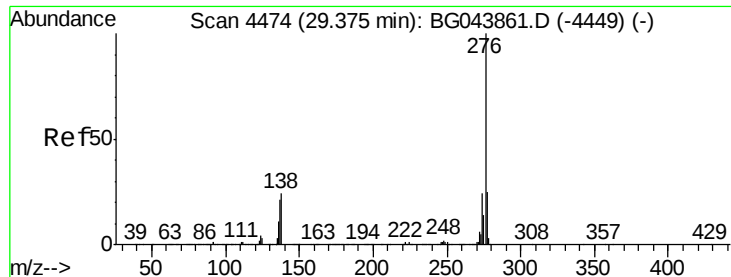


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 7.335 ng
 RT: 29.35 min Scan# 4470
 Delta R.T. -0.02 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	20.2	30.4
138	21.6	19.0	28.6

