

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 15:51:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	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	102.61	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
32) Benzoic acid	9.99	122	10005	7.717	ng	88
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

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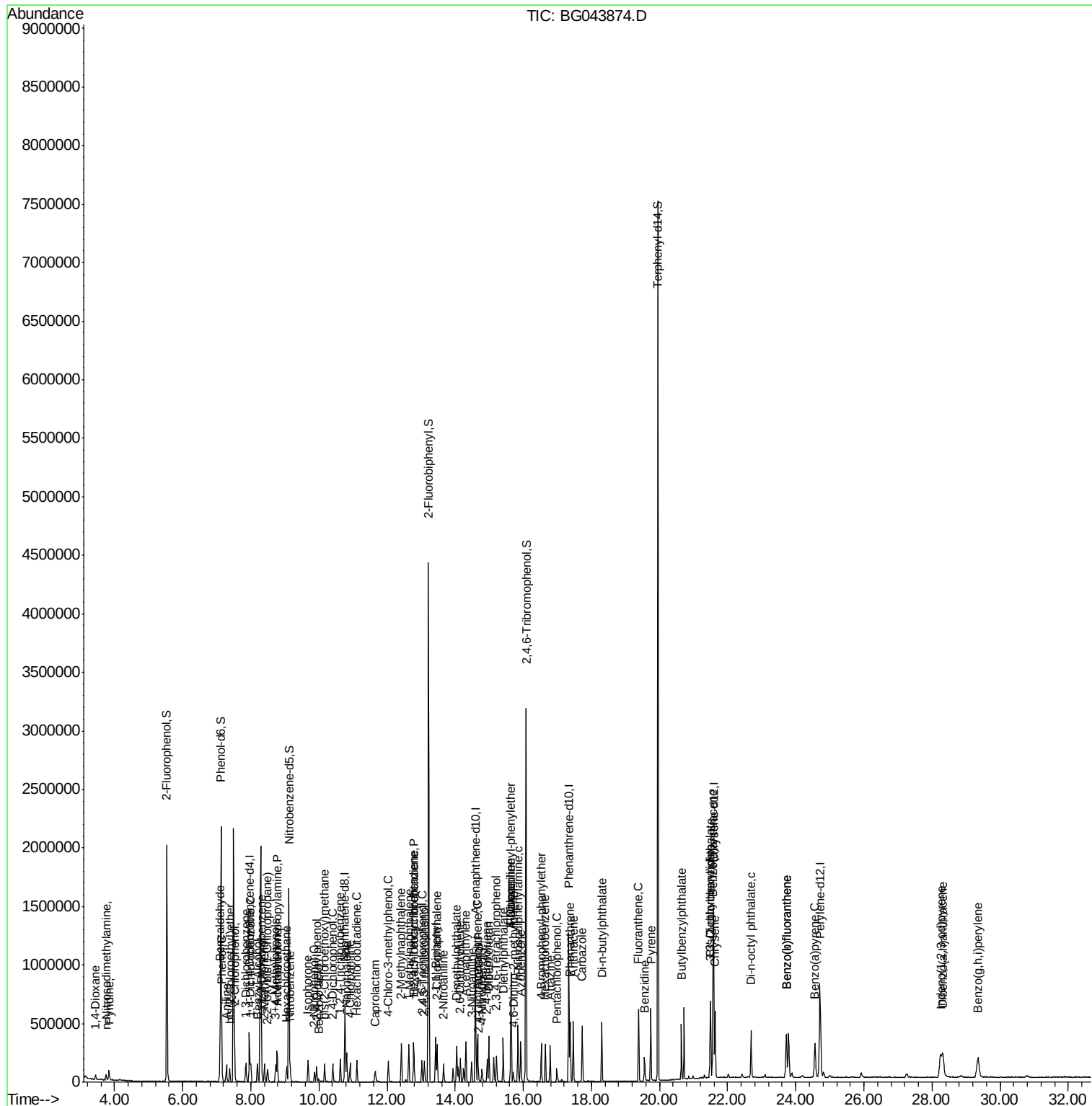
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	37794	6.745	ng	98
43) 2,4,6-Trichlorophenol	13.03	196	47193	6.345	ng	96
44) 2,4,5-Trichlorophenol	13.10	196	54870	7.153	ng	95
46) 1,1'-Biphenyl	13.43	154	213024	8.057	ng	96
47) 2-Chloronaphthalene	13.47	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	8.283	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	8.668	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

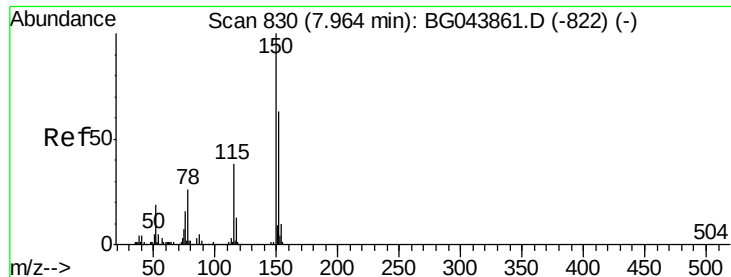
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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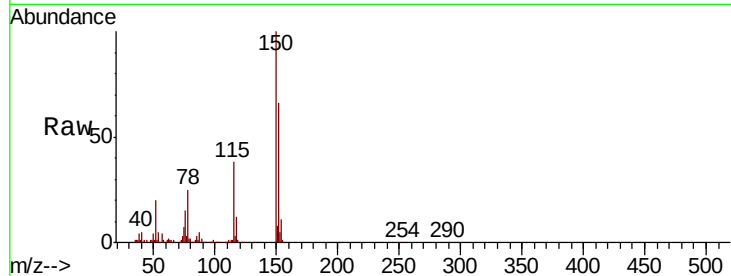


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	127.0	190.4
115	56.5	47.8	71.8

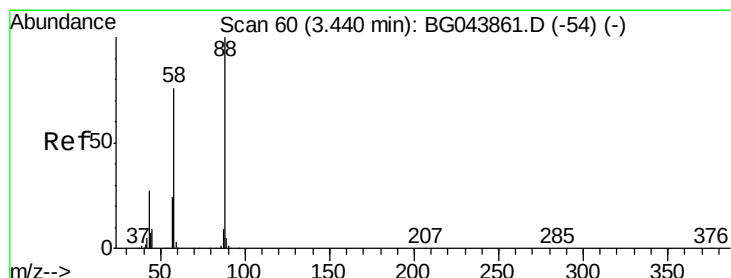
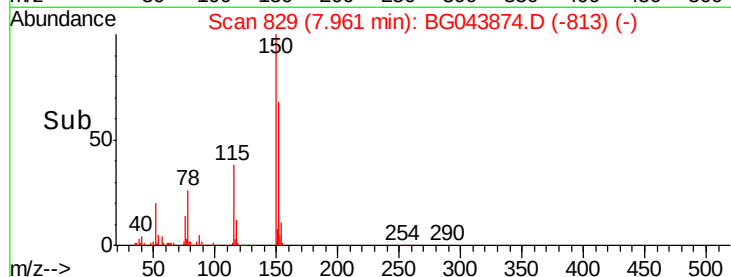
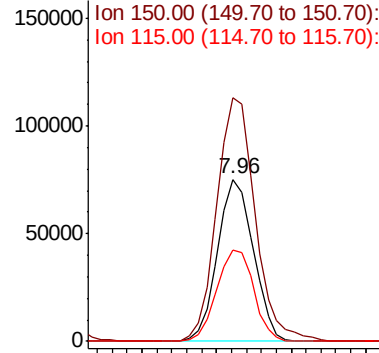


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

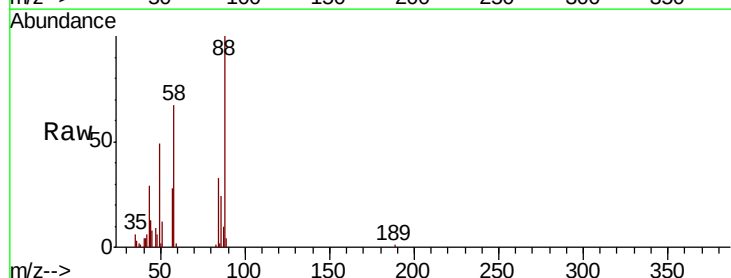
Ion 115.00 (114.70 to 115.70): E



#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	Ratio	Lower	Upper
88	100		
58	70.9	59.8	89.8
43	32.6	22.9	34.3

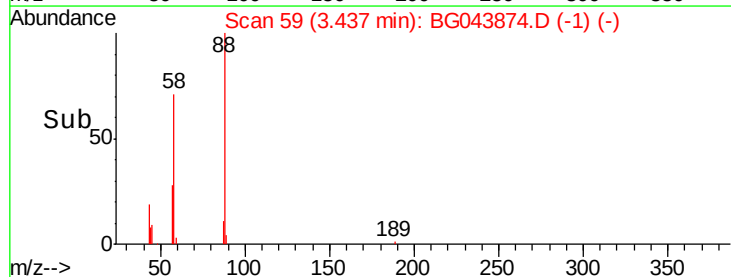
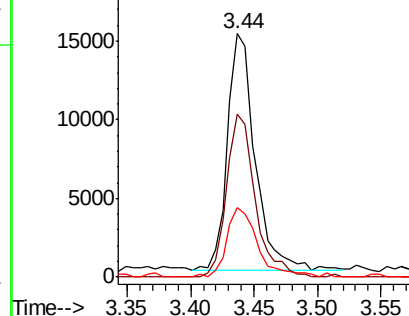


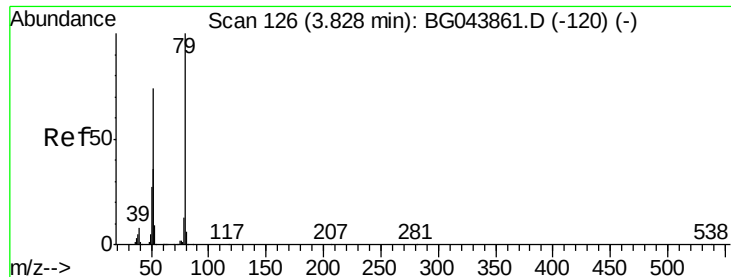
Abundance

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 :

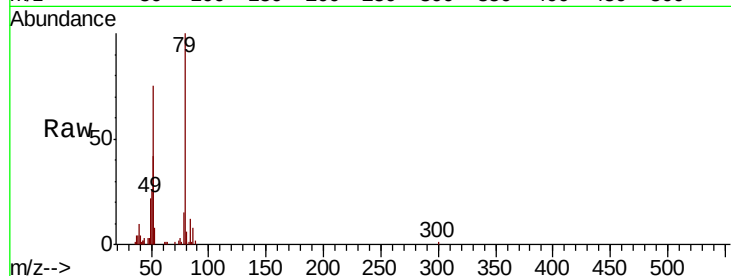
Tot Ion: 79 Resp: 57739

Ion Ratio Lower Upper

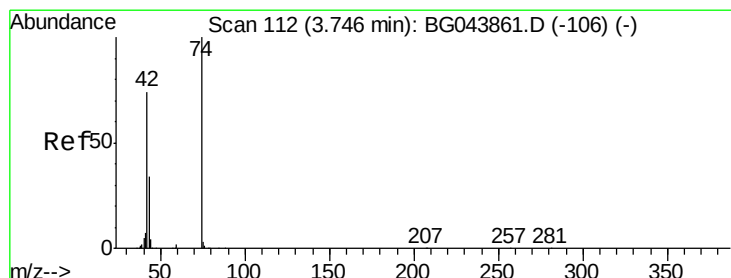
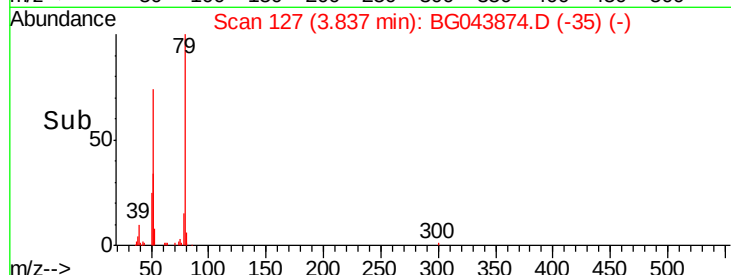
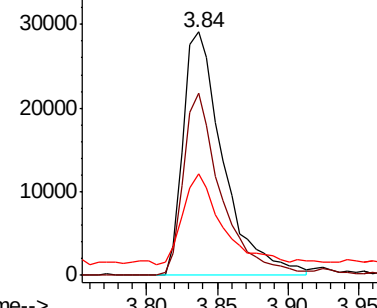
79 100

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

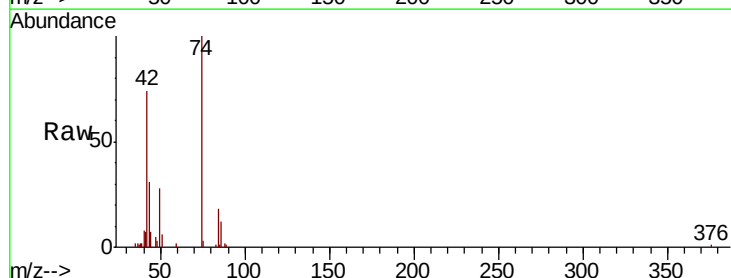
Tgt Ion: 42 Resp: 27964

Ion Ratio Lower Upper

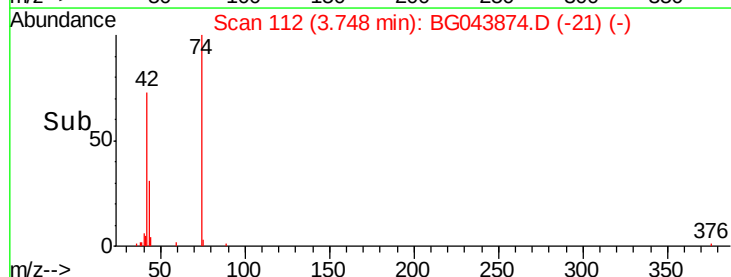
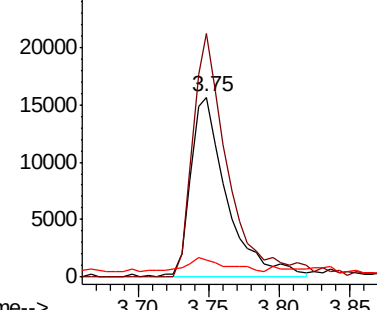
42 100

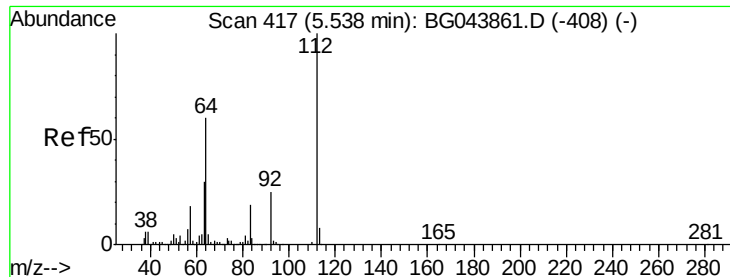
74 135.2 108.6 162.8

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

ClientSampled :

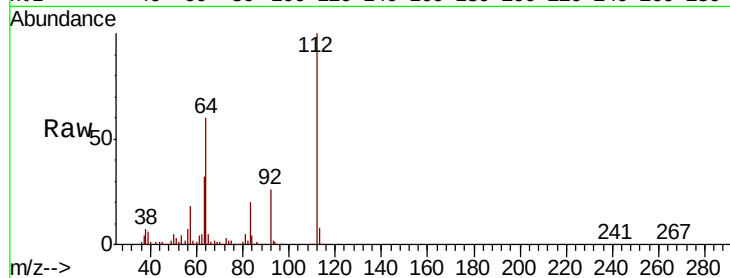
Tot Ion:112 Resp: 941178

Ion Ratio Lower Upper

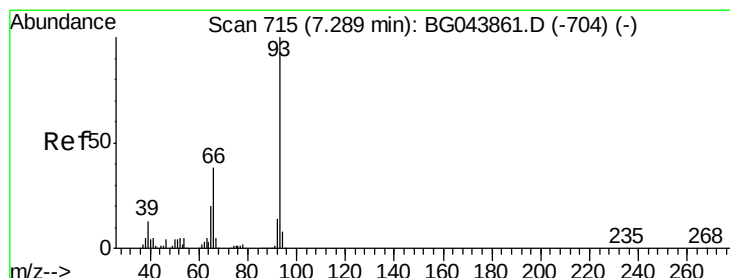
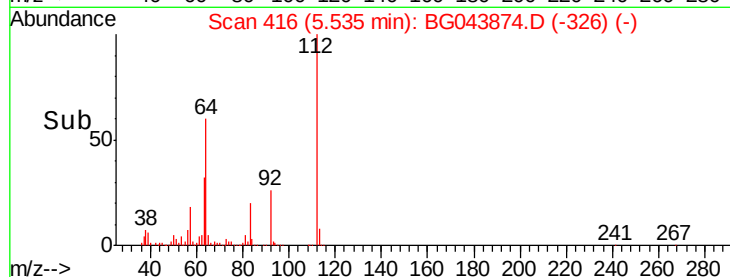
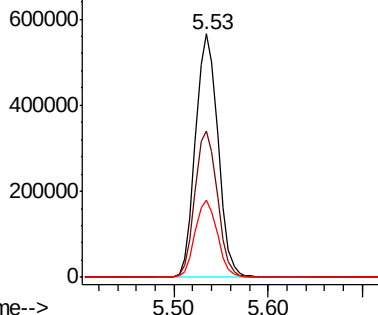
112 100

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

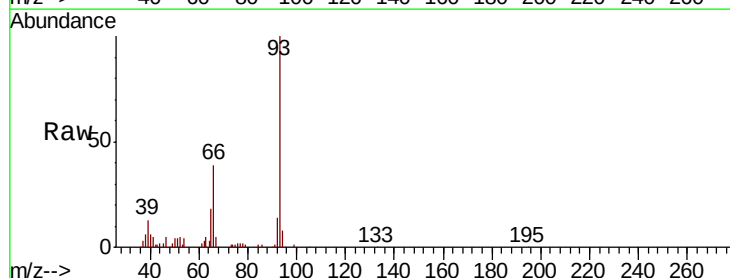
Tgt Ion: 93 Resp: 95220

Ion Ratio Lower Upper

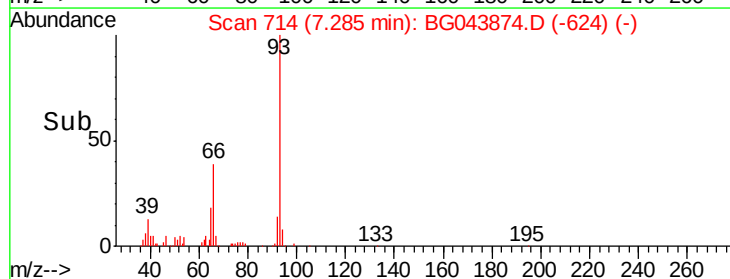
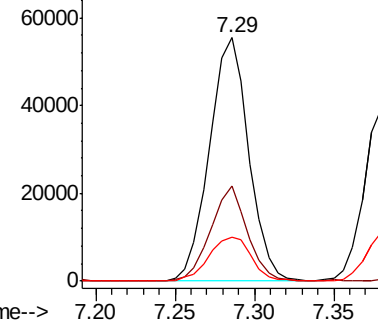
93 100

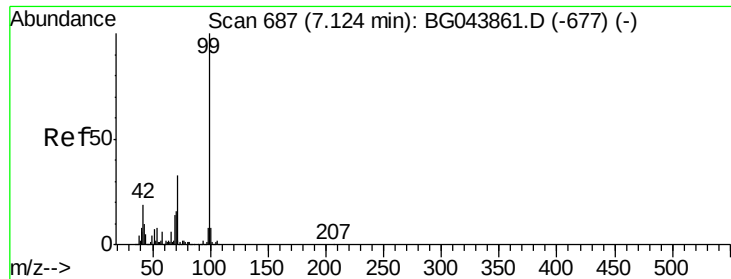
66 39.0 30.8 46.2

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

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Instrument :

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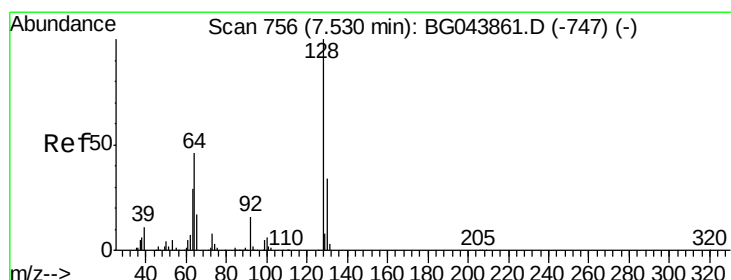
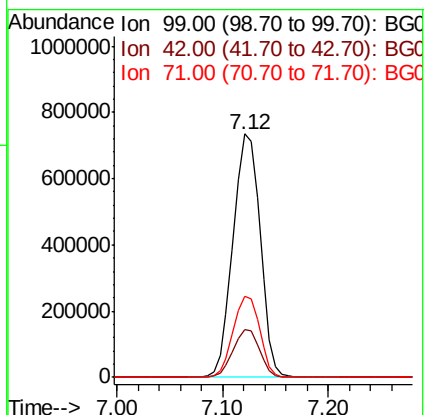
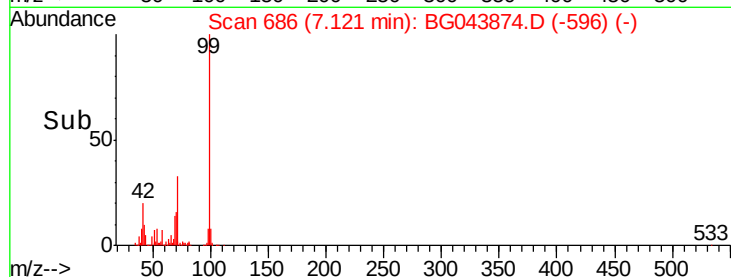
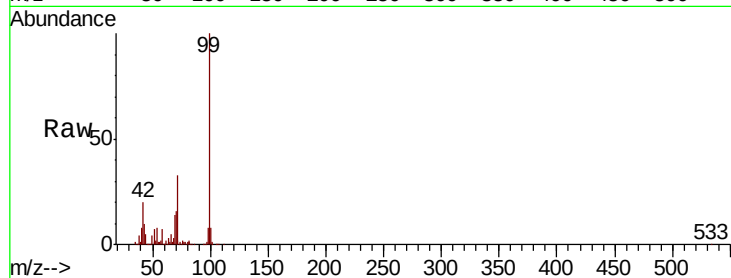
Tot Ion: 99 Resp: 1307582

Ion Ratio Lower Upper

99 100

42 19.7 14.9 22.3

71 33.5 26.4 39.6



#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

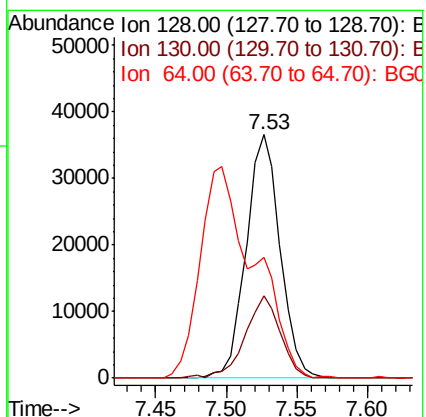
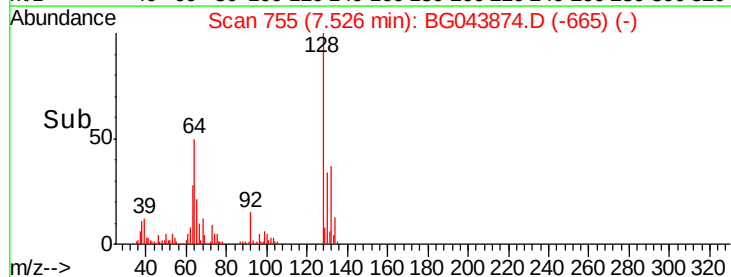
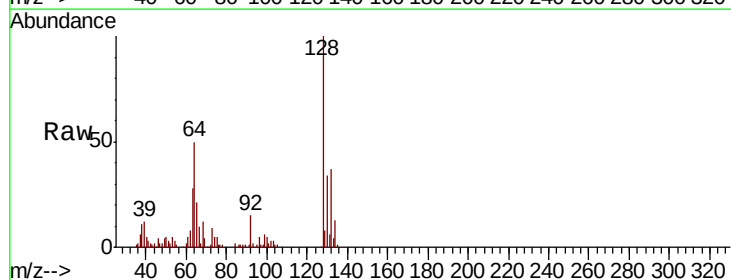
Tgt Ion:128 Resp: 61597

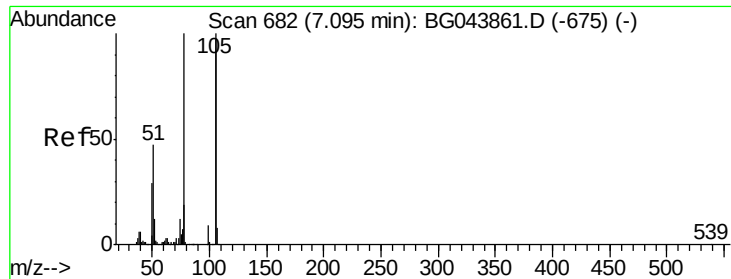
Ion Ratio Lower Upper

128 100

130 33.9 13.8 53.8

64 49.7 27.6 67.6





#9

Benzaldehyde

Concen: 9.763 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043874.D

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Instrument :

BNA_G

ClientSampleId :

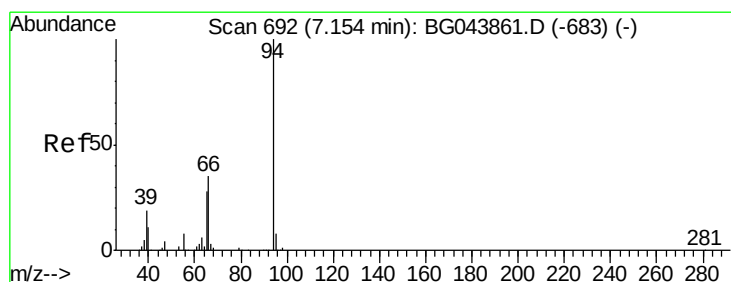
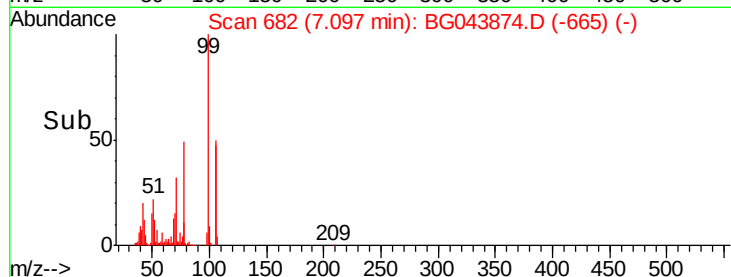
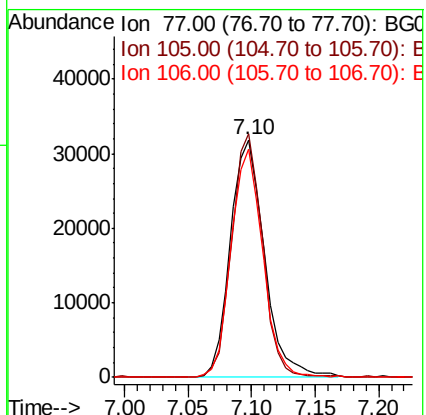
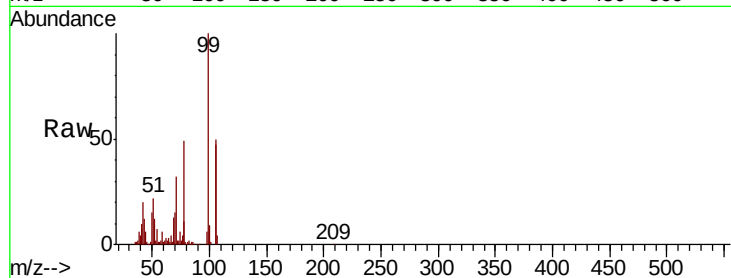
Tot Ion: 77 Resp: 59230

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

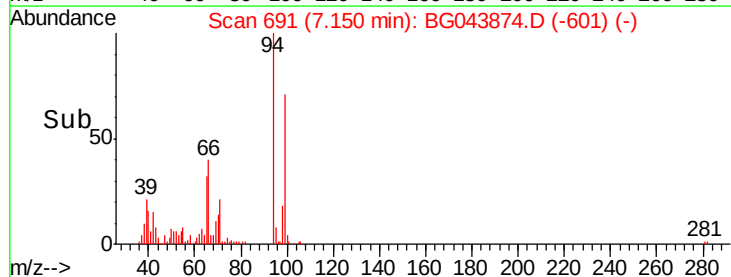
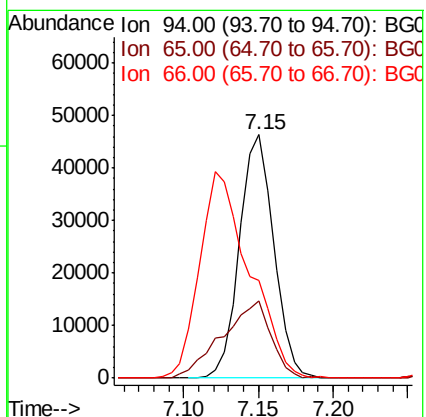
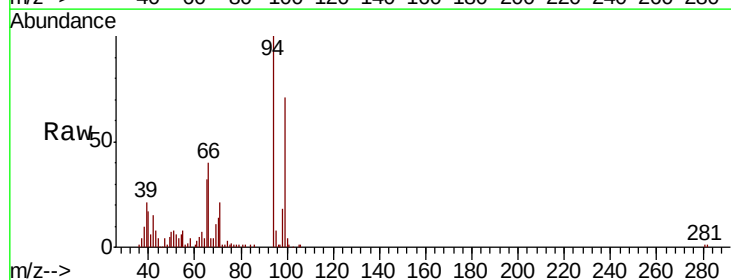
Tgt Ion: 94 Resp: 73839

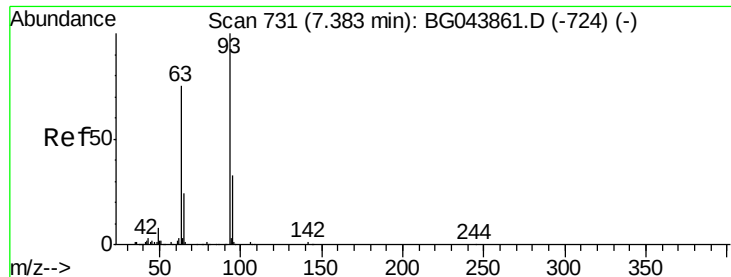
Ion Ratio Lower Upper

94 100

65 31.9 8.1 48.1

66 39.9 15.6 55.6

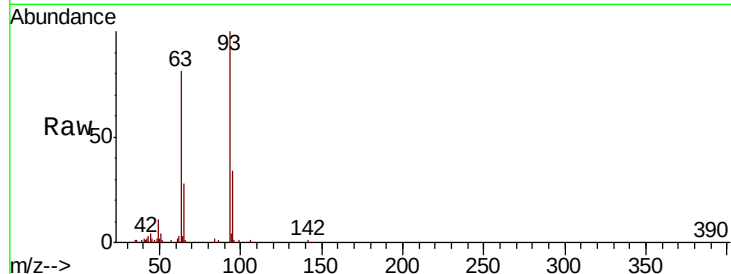




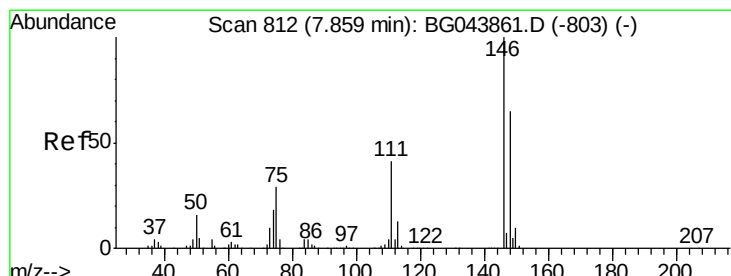
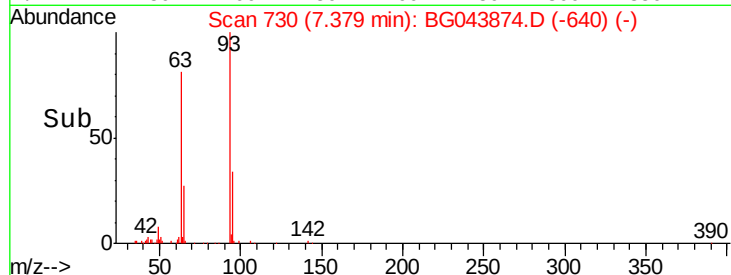
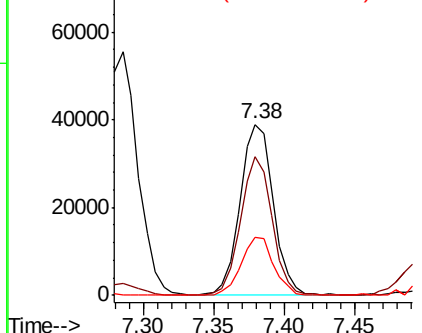
#11
bis(2-Chloroethyl)ether
Concen: 7.633 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

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

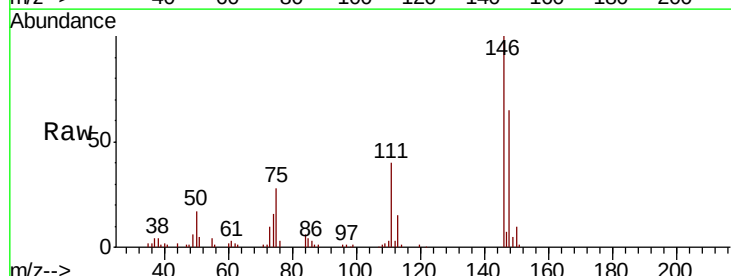


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

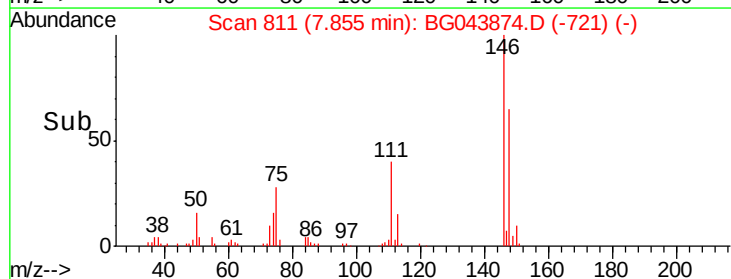
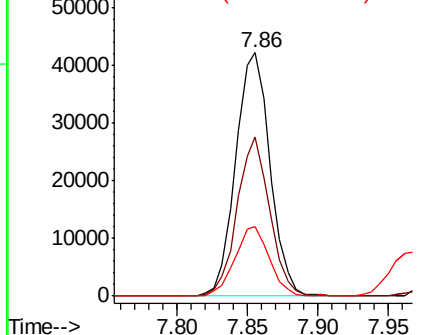


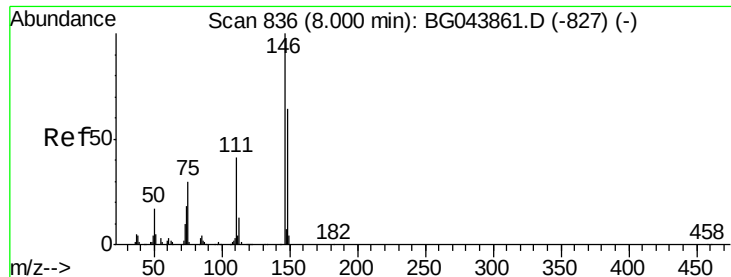
#12
1,3-Dichlorobenzene
Concen: 7.693 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

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): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

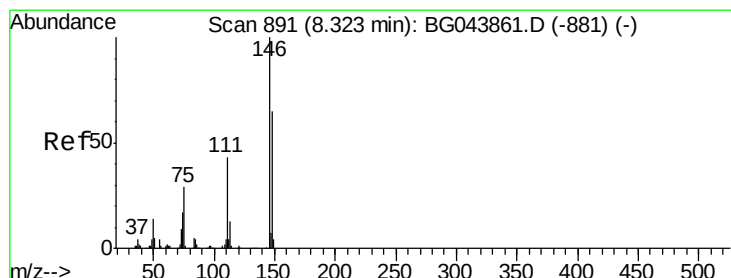
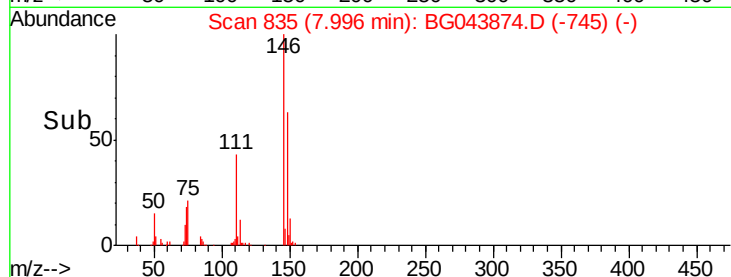
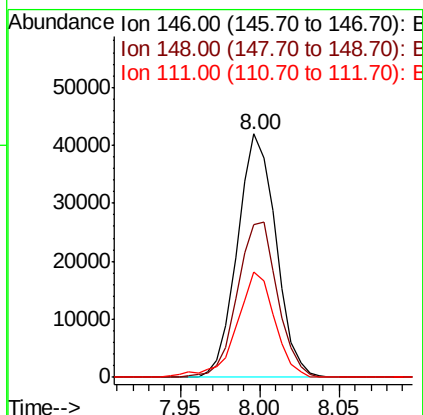
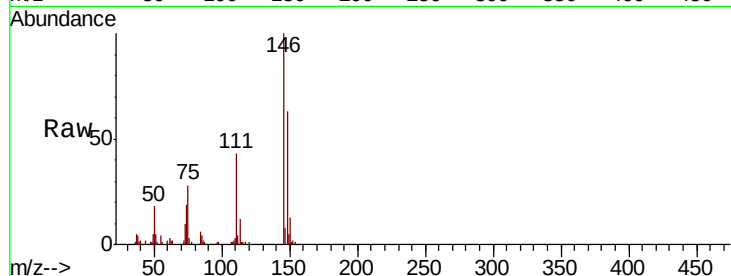




#13
 1,4-Dichlorobenzene
 Concen: 7.694 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

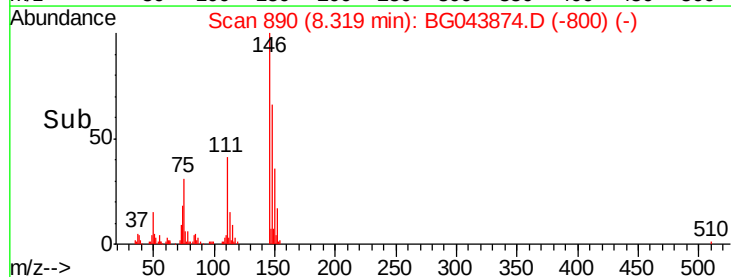
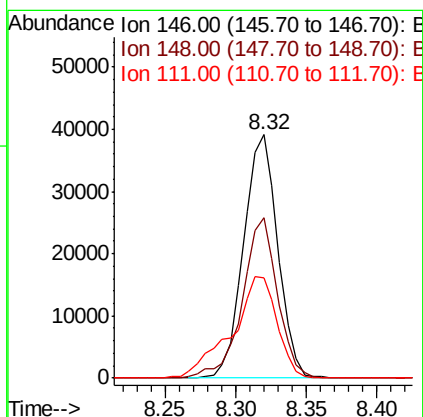
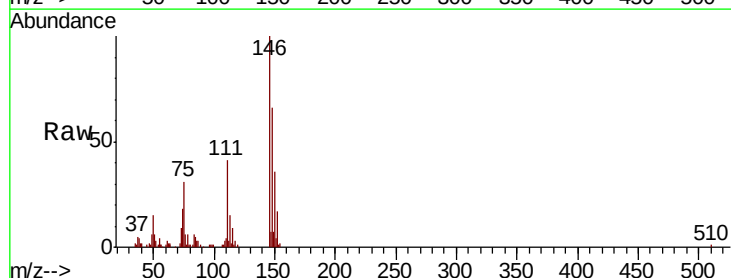
Instrument :
 BNA_G
 ClientSampleId :

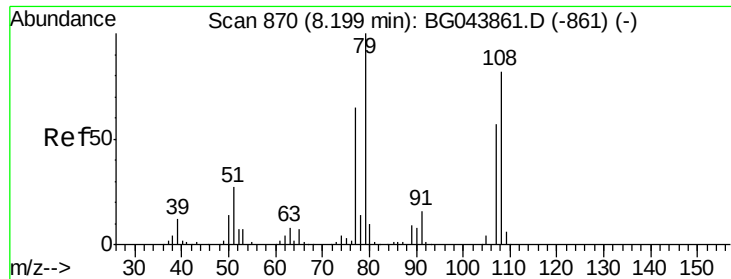
Tot Ion:146 Resp: 70725
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.2 76.8
 111 43.1 33.1 49.7



#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 :

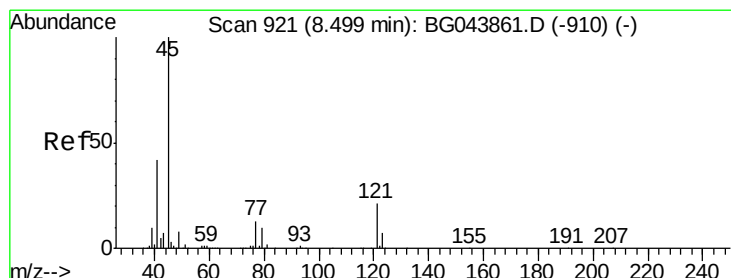
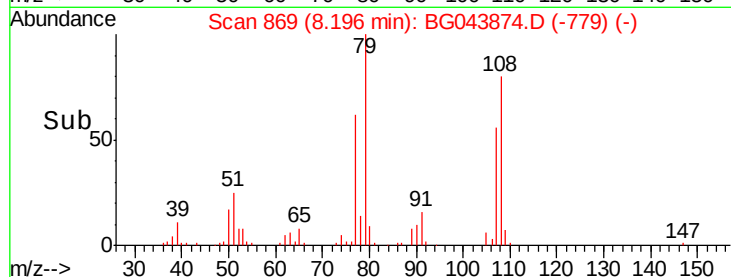
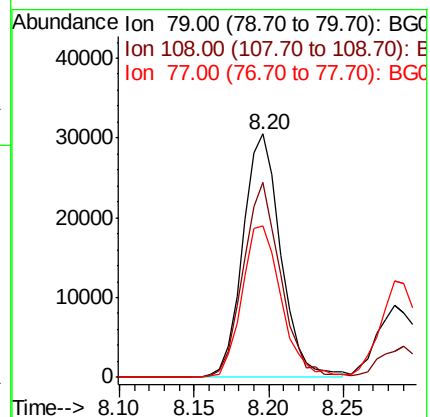
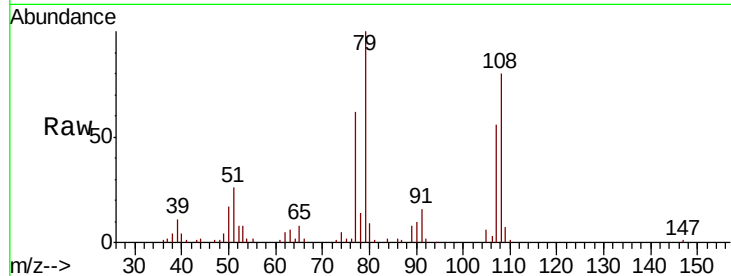
Tot Ion: 79 Resp: 53413

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

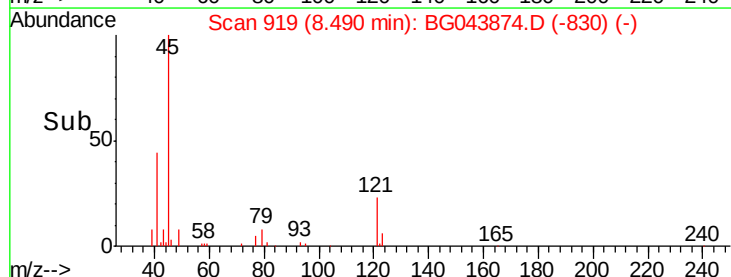
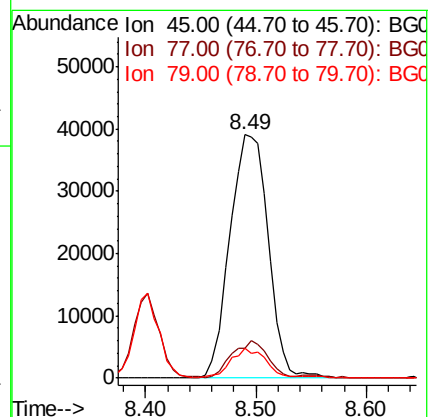
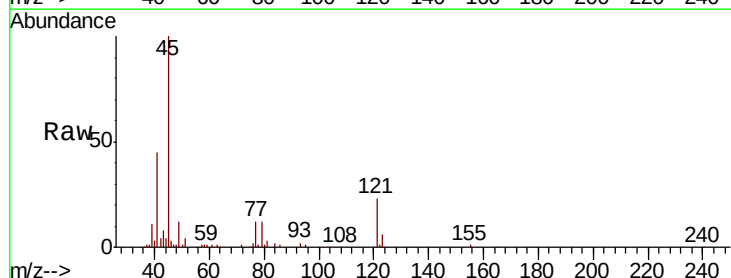
Tgt Ion: 45 Resp: 94954

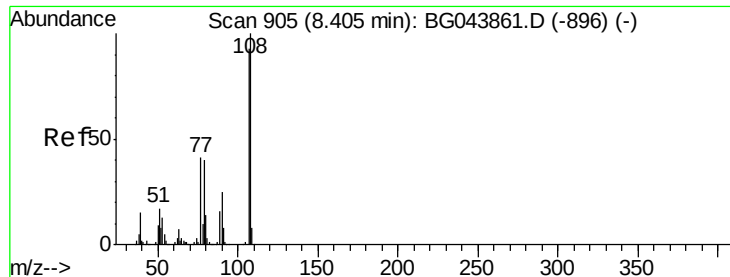
Ion Ratio Lower Upper

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

ClientSampled :

Tot Ion:107 Resp: 51508

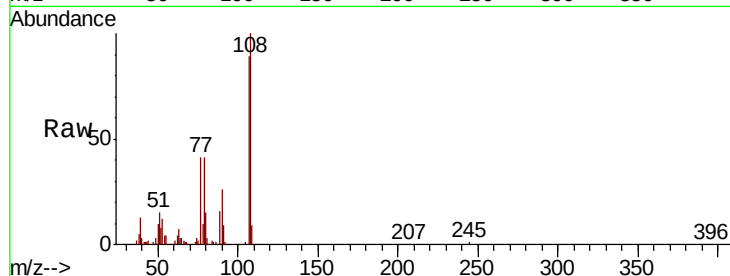
Ion Ratio Lower Upper

107 100

108 112.0 86.1 129.1

77 45.7 35.4 53.0

79 45.8 34.8 52.2

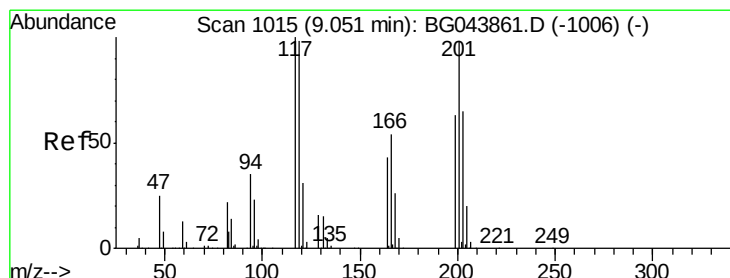
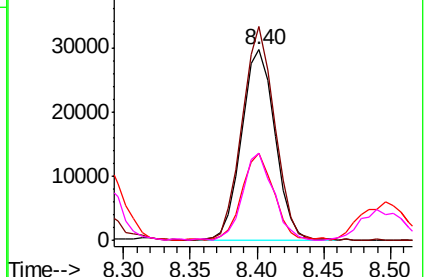
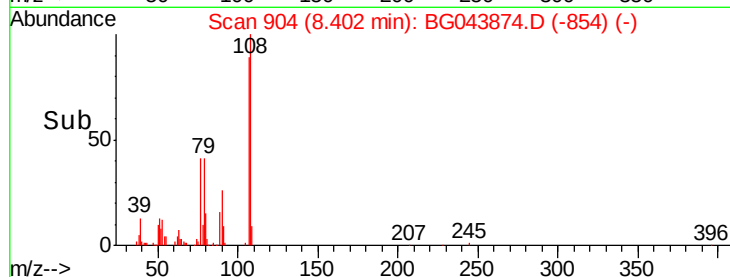


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#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

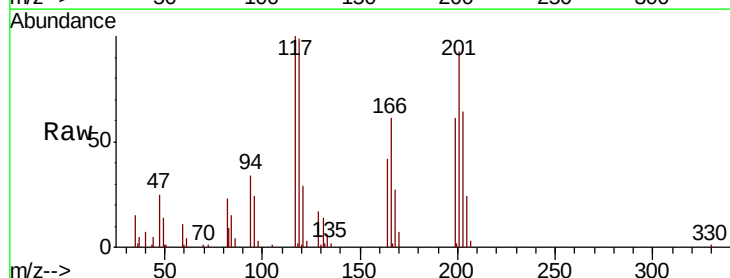
Tgt Ion:117 Resp: 26467

Ion Ratio Lower Upper

117 100

119 99.2 78.1 117.1

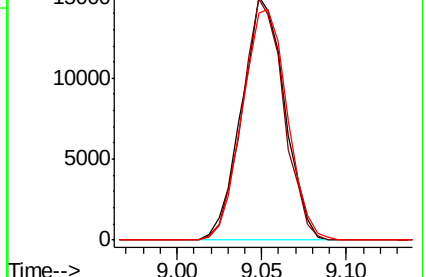
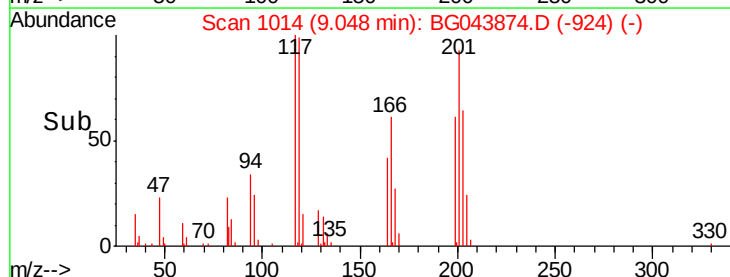
201 93.3 78.6 117.8

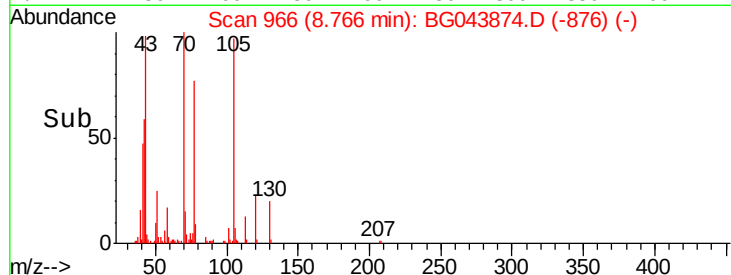
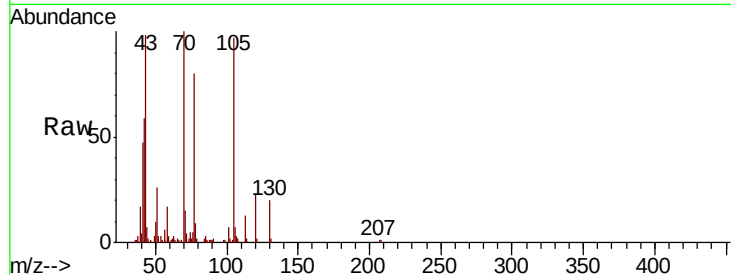
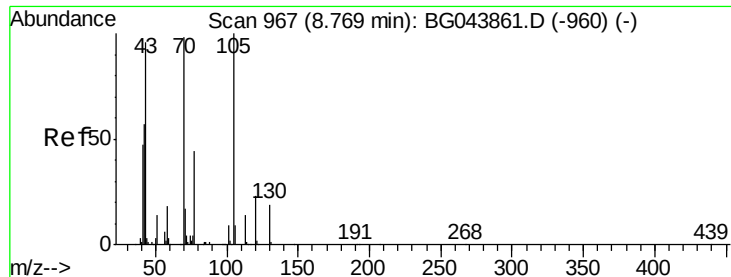


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

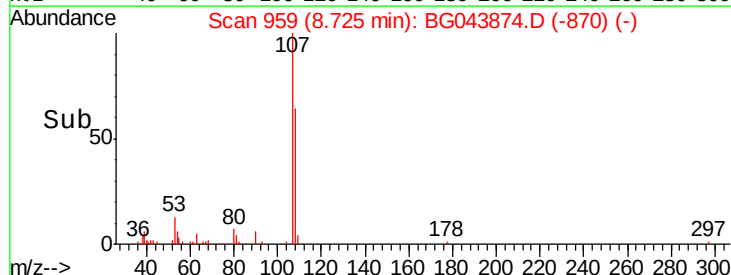
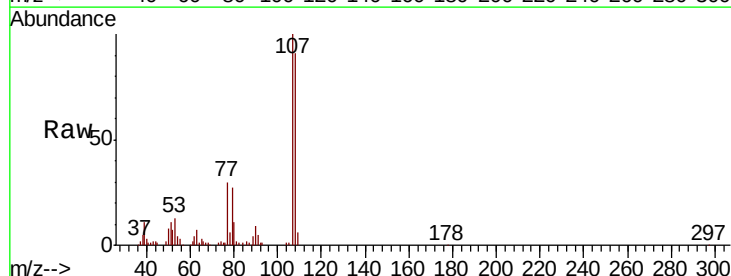
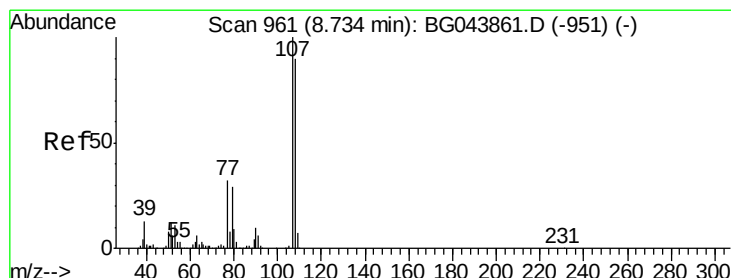
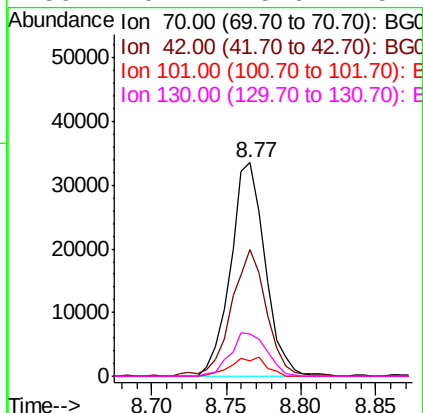




#19
n-Nitroso-di-n-propylamine
Concen: 7.664 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

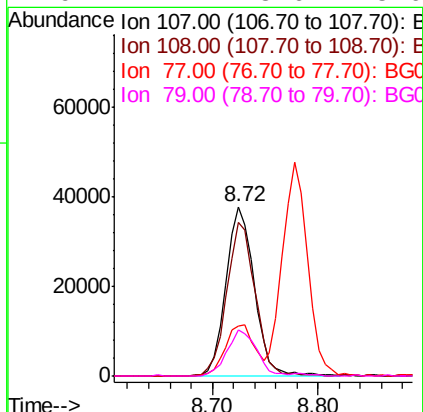
Instrument :
BNA_G
ClientSampleId :

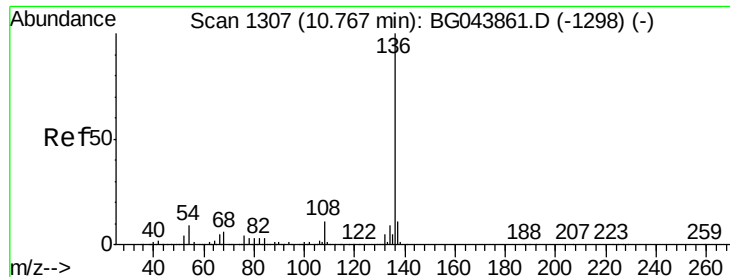
Tot Ion:	70	Resp:	54103
Ion	Ratio	Lower	Upper
70	100		
42	59.3	47.0	70.4
101	7.3	7.2	10.8
130	19.7	15.6	23.4



#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

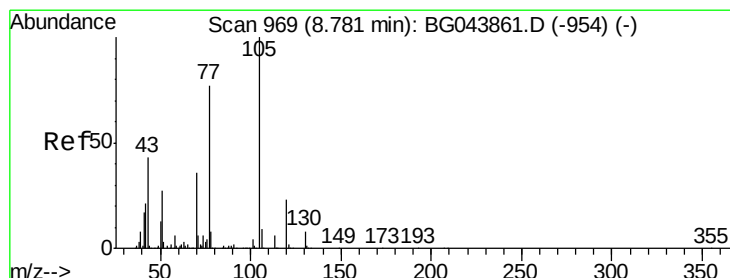
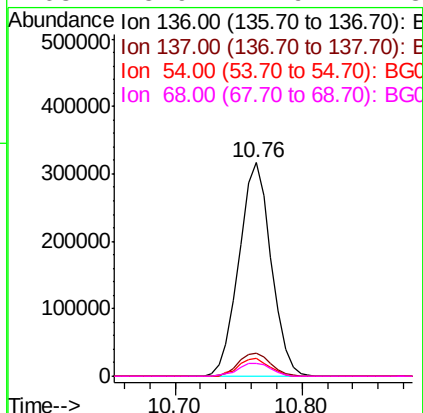
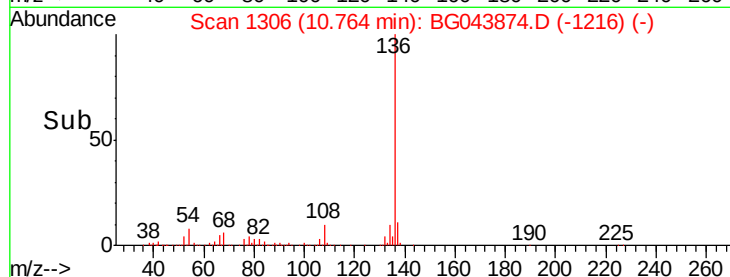
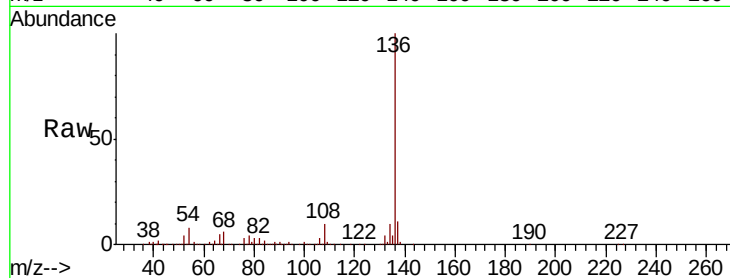




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

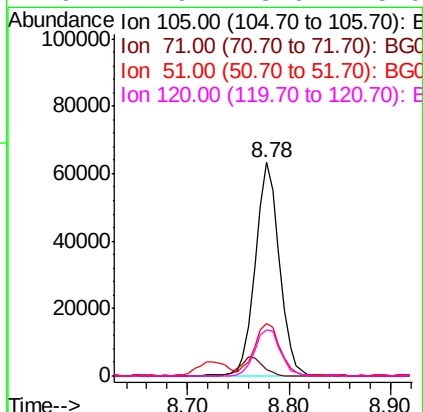
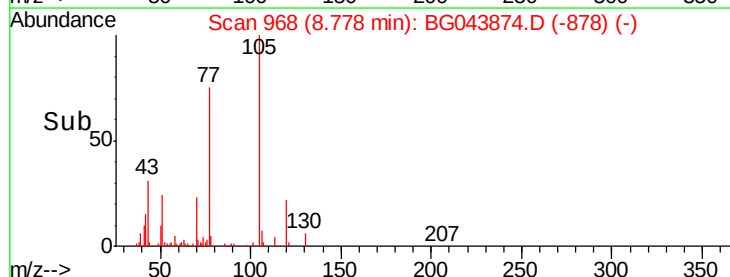
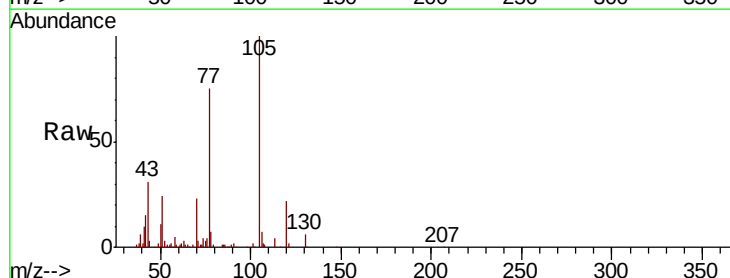
Instrument :
BNA_G
ClientSampled :

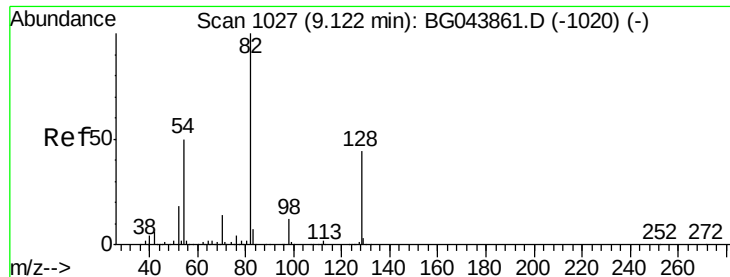
Tot Ion:136	Resp:	556720	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.8	13.2	
54 8.1	7.0	10.4	
68 5.9	4.9	7.3	



#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

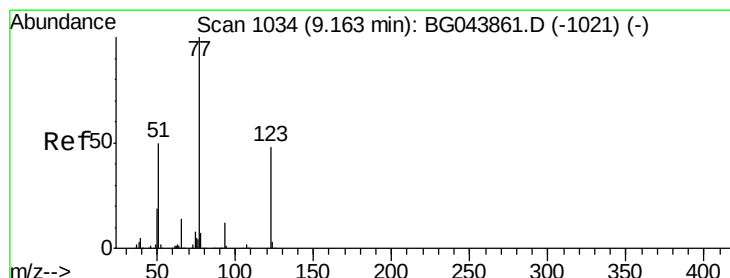
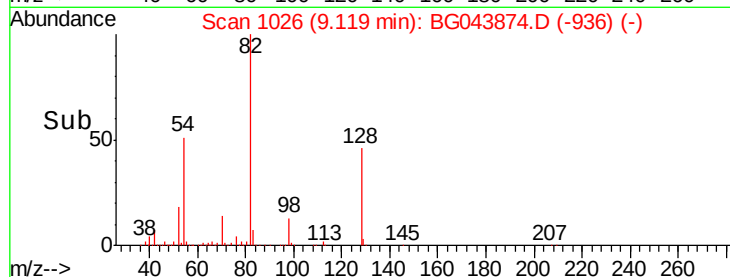
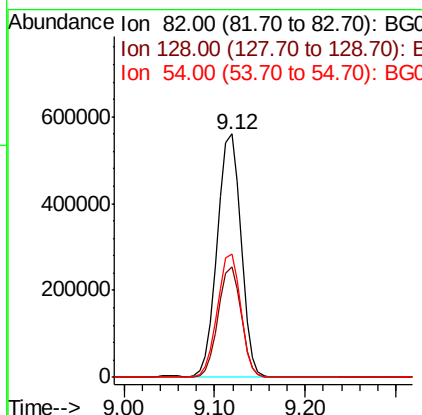
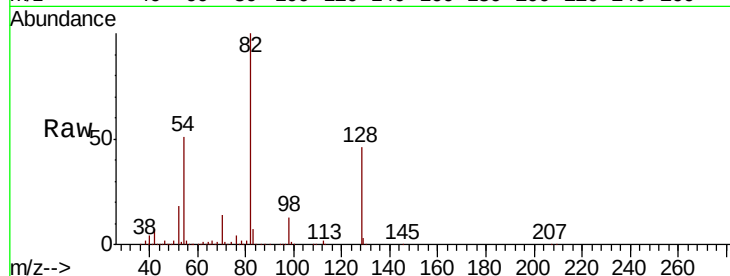




#23
 Nitrobenzene-d5
 Concen: 98.147 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

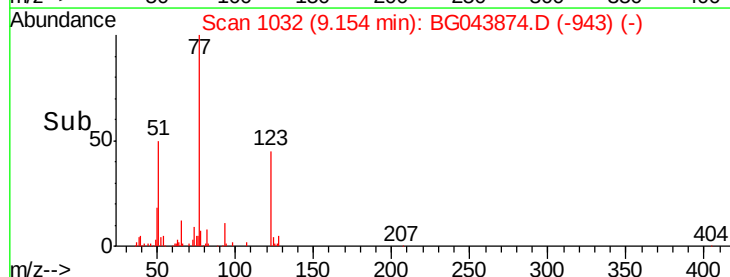
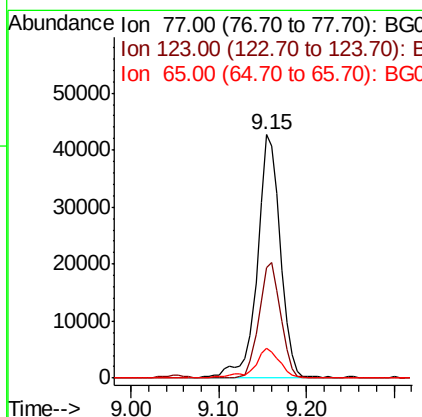
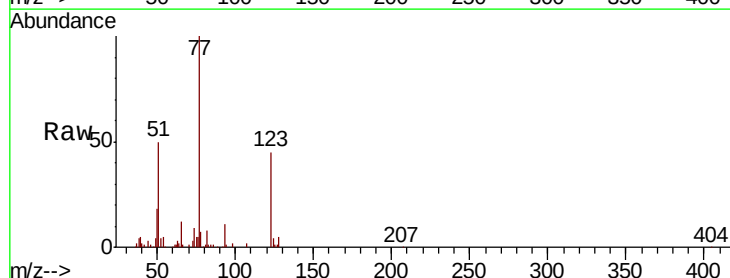
Instrument :
 BNA_G
 ClientSampleId :

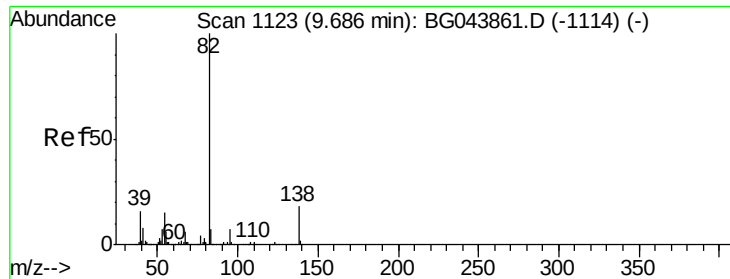
Tot Ion: 82 Resp: 1021397
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.1 52.7
 54 50.6 40.1 60.1



#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 :

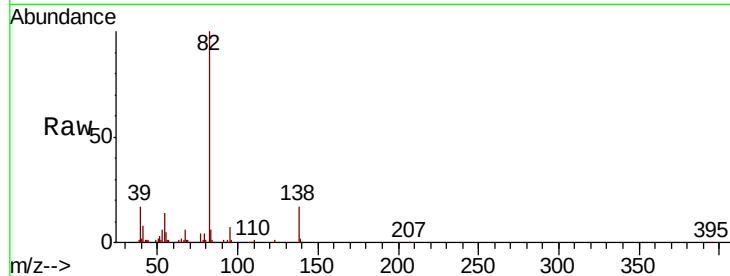
Tot Ion: 82 Resp: 145375

Ion Ratio Lower Upper

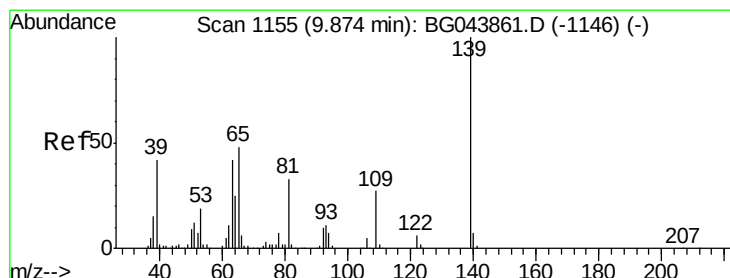
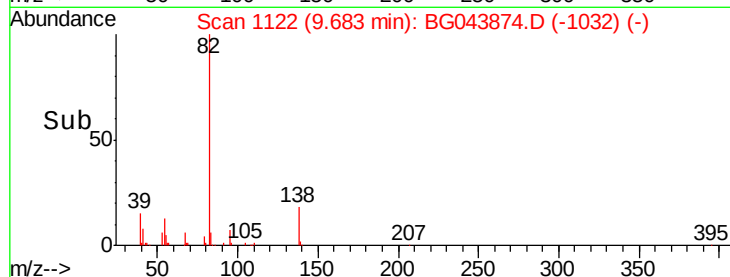
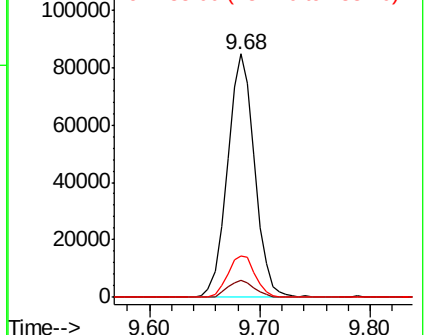
82 100

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

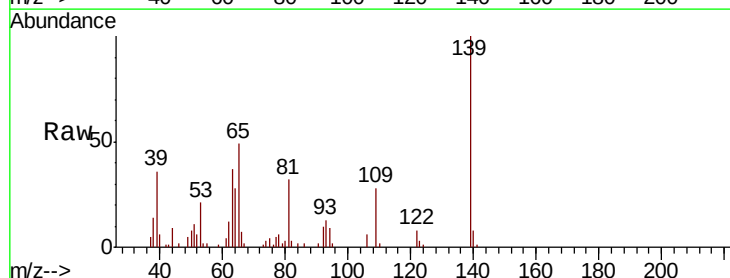
Tgt Ion: 139 Resp: 28774

Ion Ratio Lower Upper

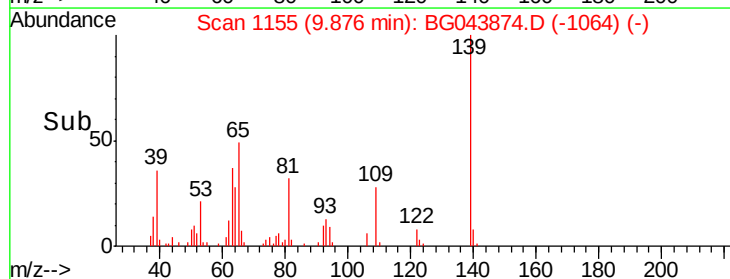
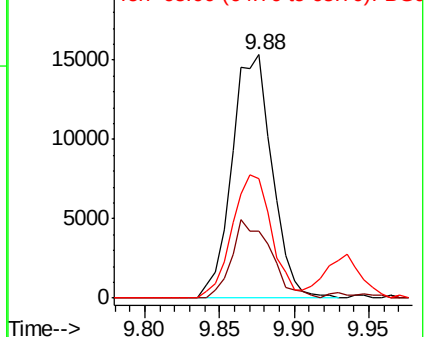
139 100

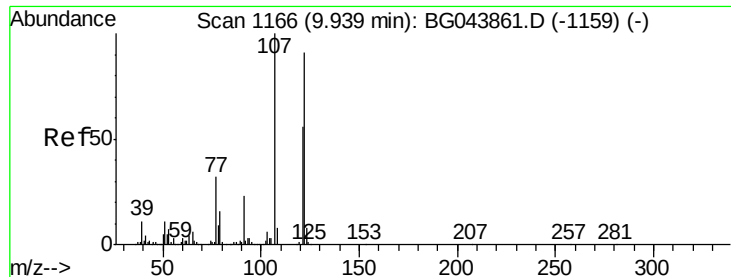
109 27.5 21.3 31.9

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 :

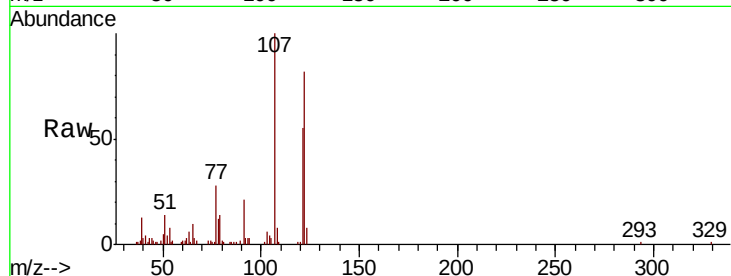
Tot Ion:122 Resp: 41738

Ion Ratio Lower Upper

122 100

107 121.9 88.0 132.0

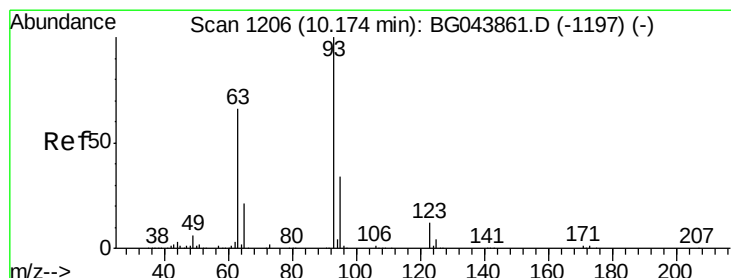
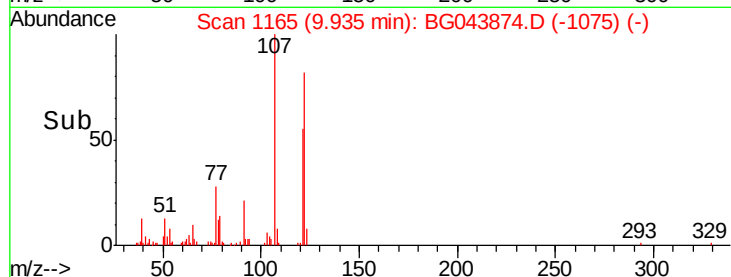
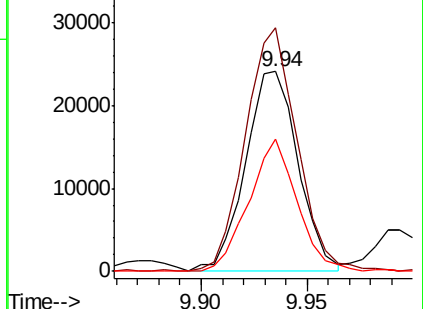
121 66.4 49.0 73.4



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

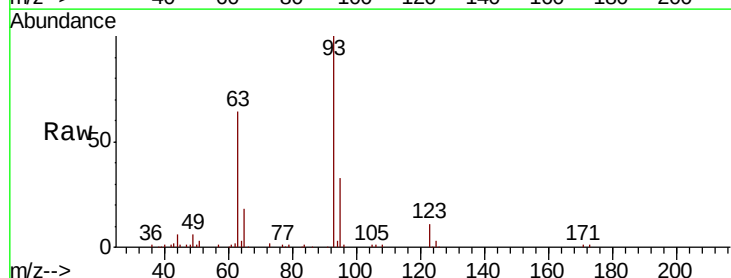
Tgt Ion: 93 Resp: 93941

Ion Ratio Lower Upper

93 100

95 33.1 27.2 40.8

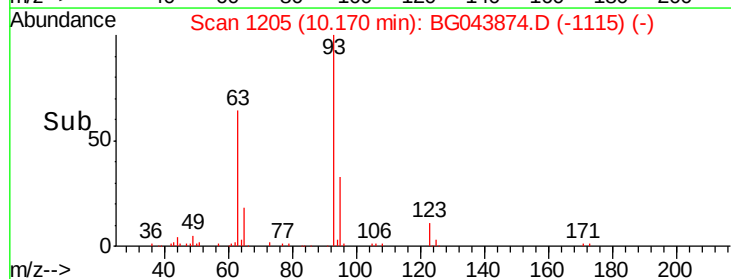
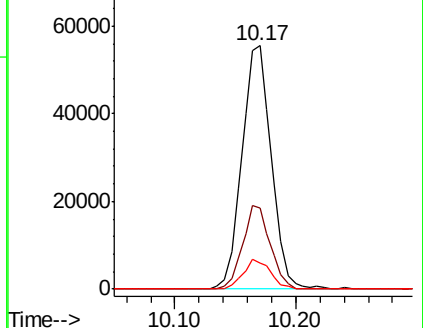
123 10.9 9.7 14.5

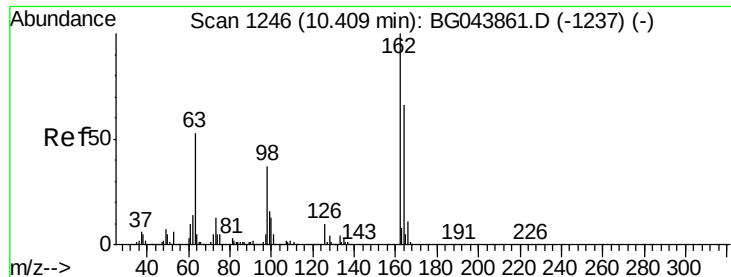


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

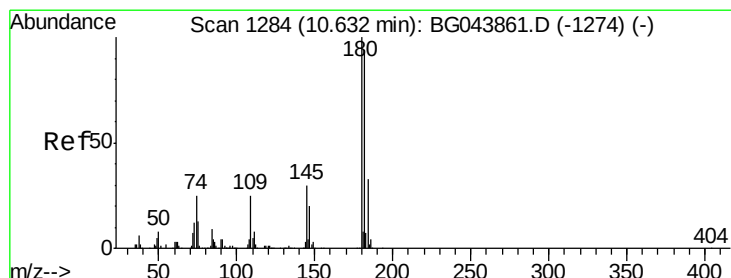
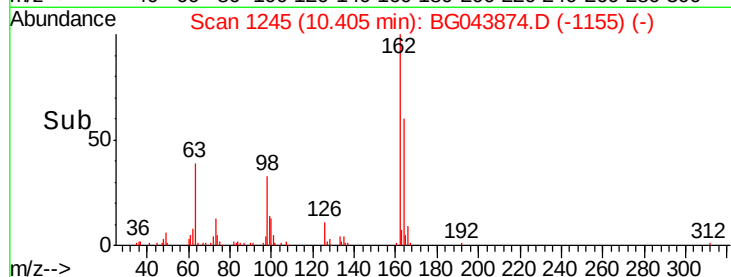
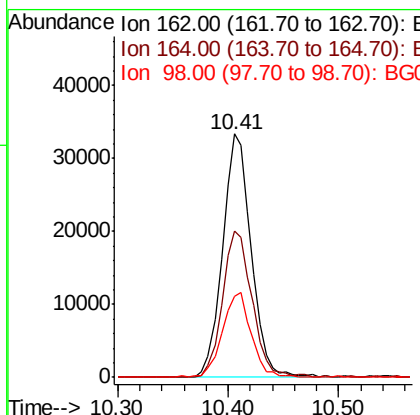
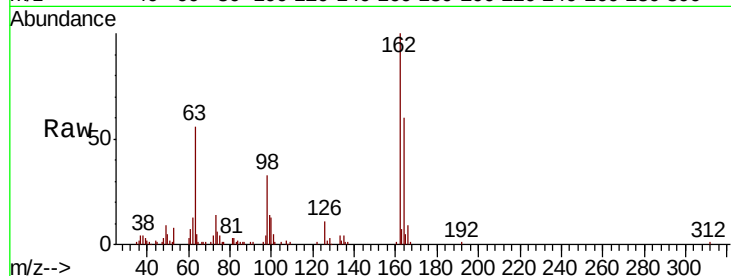




#29
 2,4-Dichlorophenol
 Concen: 6.868 ng
 RT: 10.41 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

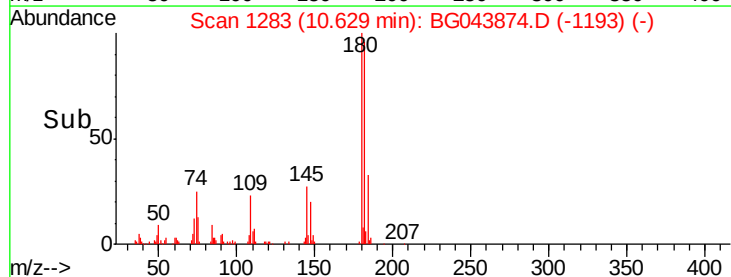
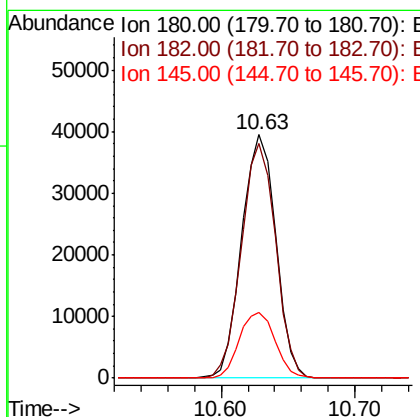
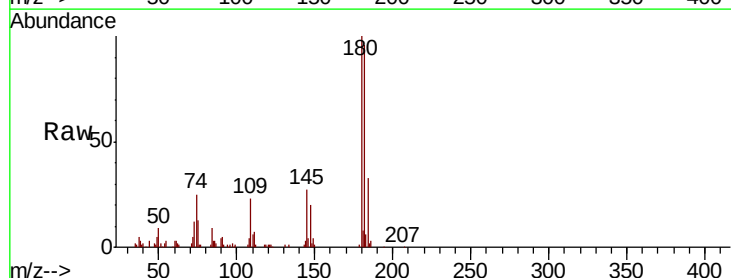
Instrument :
 BNA_G
 ClientSampleId :

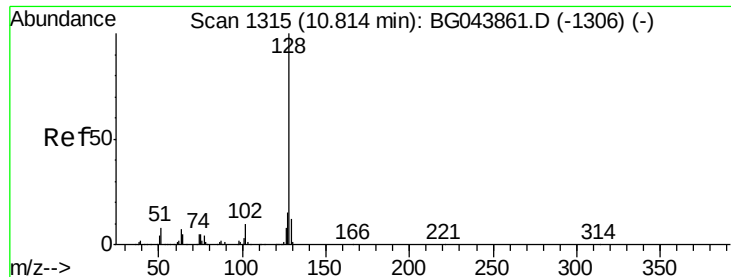
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.3	46.3	86.3
98	33.1	17.3	57.3



#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

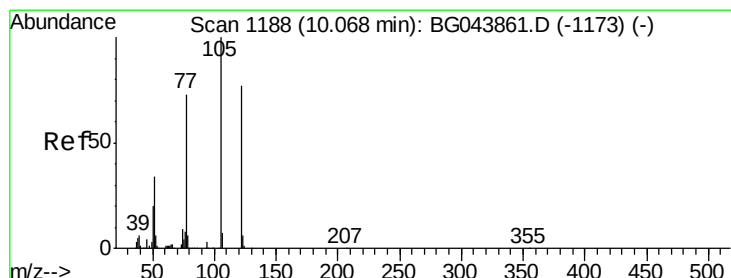
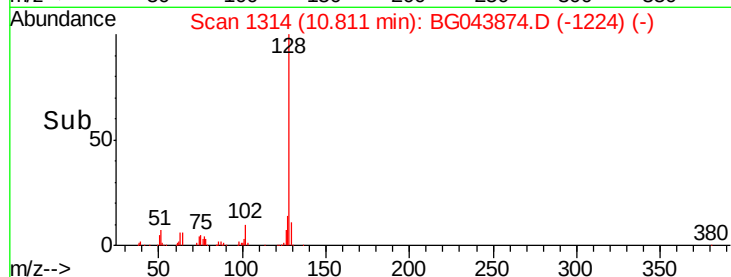
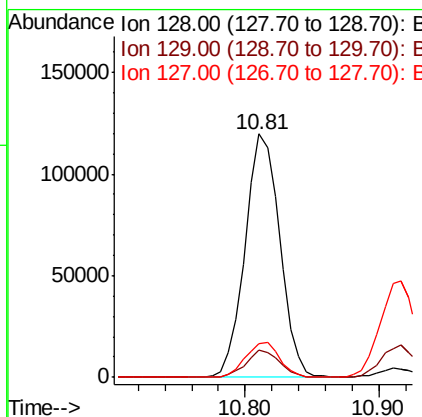
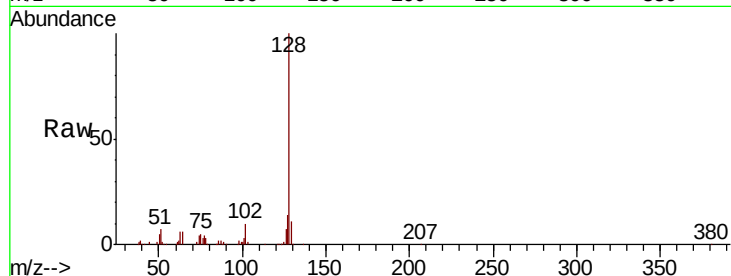




#31
Naphthalene
Concen: 7.968 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

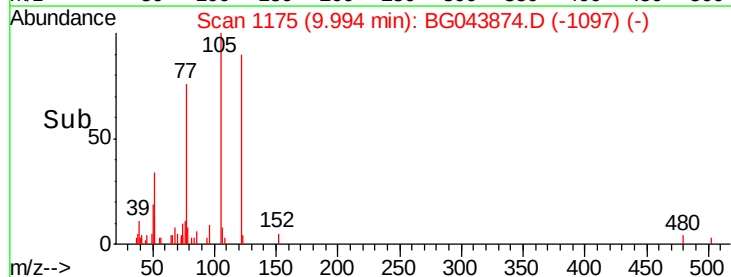
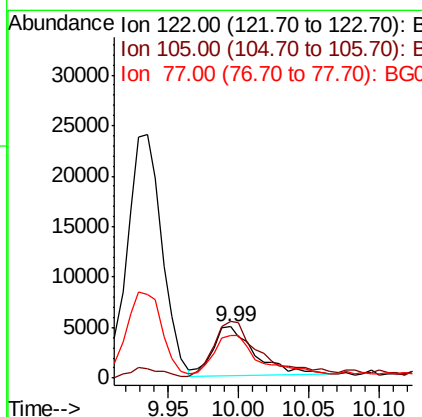
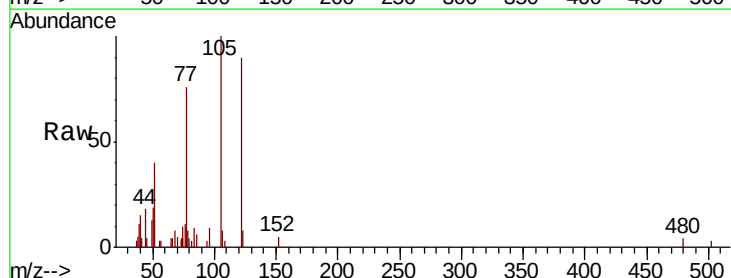
Instrument :
BNA_G
ClientSampleId :

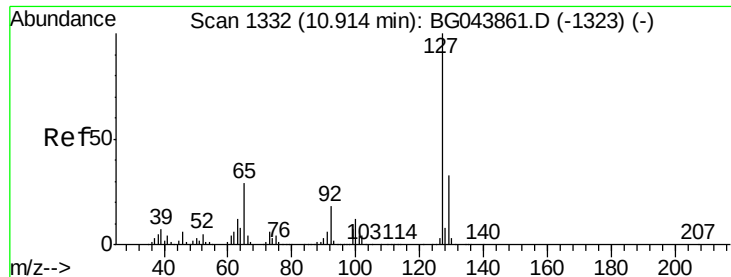
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.6
127	13.7	12.0	18.0



#32
Benzoic acid
Concen: 7.717 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.07 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	110.7	106.4	146.4
77	84.1	74.6	114.6

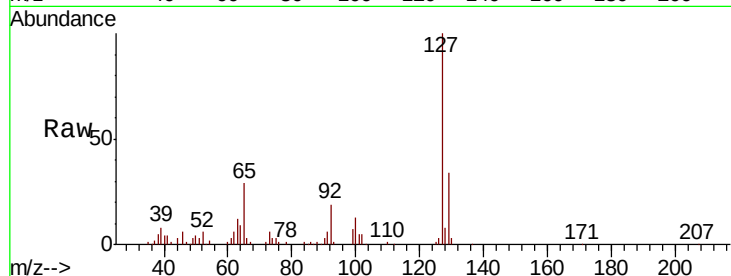




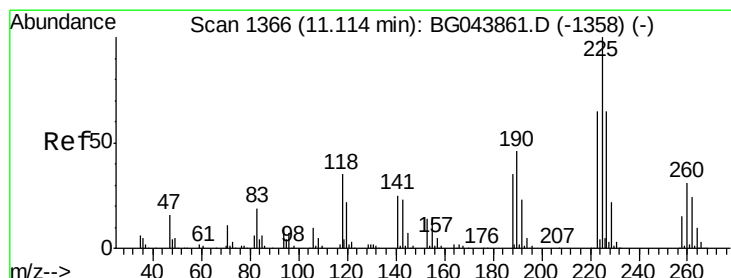
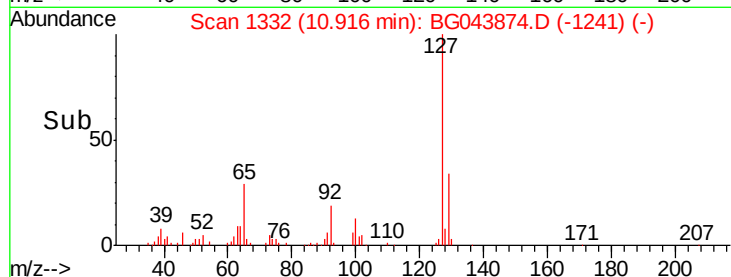
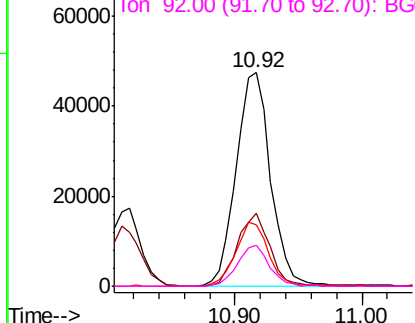
#33
4-Chloroaniline
Concen: 6.953 ng
RT: 10.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Instrument :
BNA_G
ClientSampleId :

Tot 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

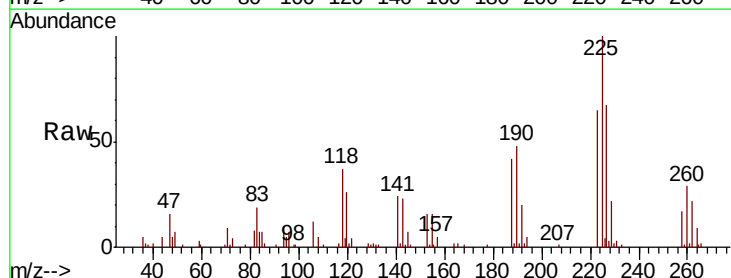


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

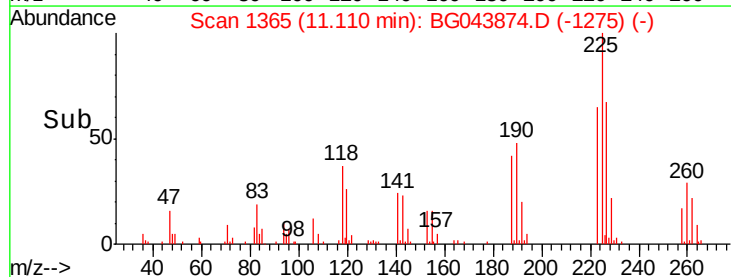
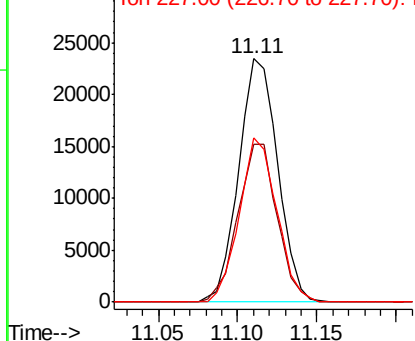


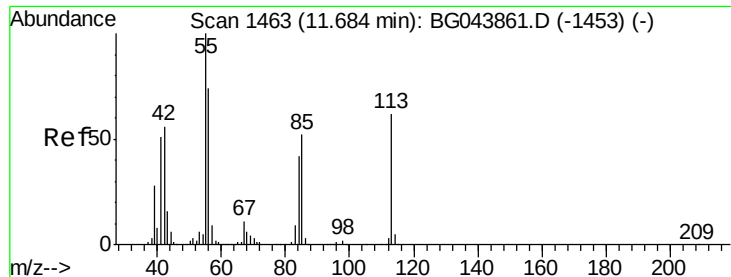
#34
Hexachlorobutadiene
Concen: 6.688 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt 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

Instrument :

BNA_G

ClientSampleId :

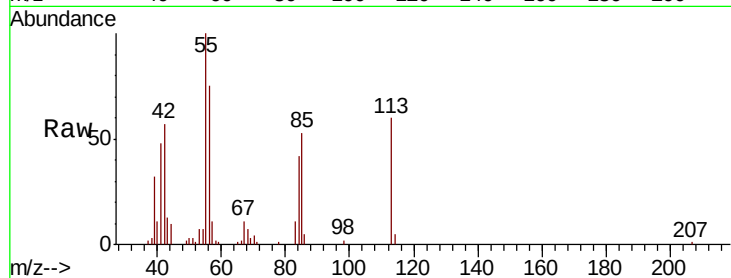
Tot Ion:113 Resp: 22086

Ion Ratio Lower Upper

113 100

55 167.8 142.5 182.5

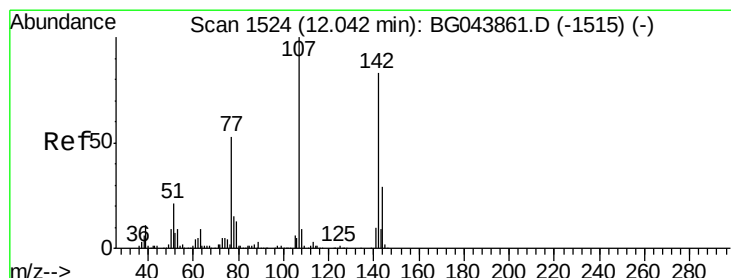
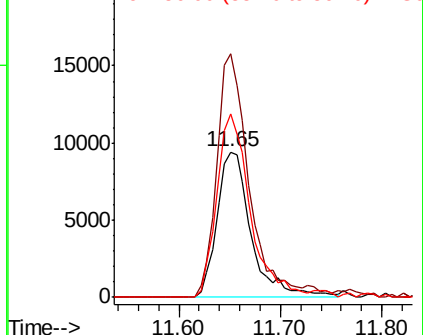
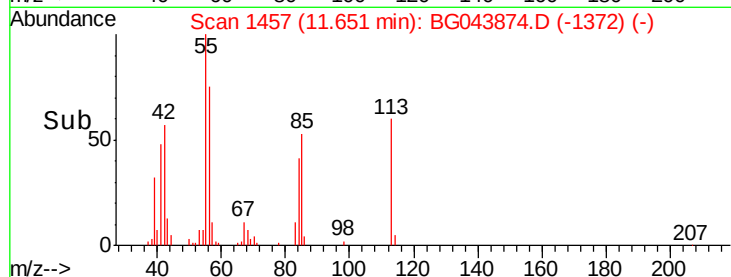
56 126.4 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#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

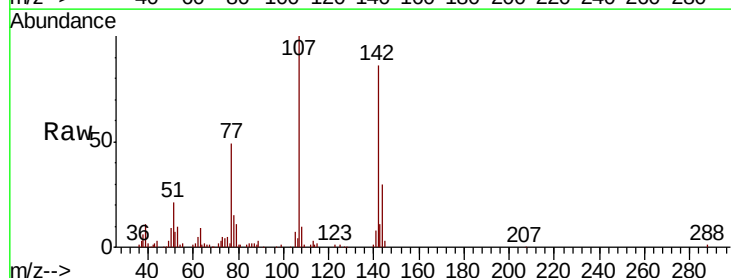
Tgt Ion:107 Resp: 64369

Ion Ratio Lower Upper

107 100

144 30.4 23.4 35.2

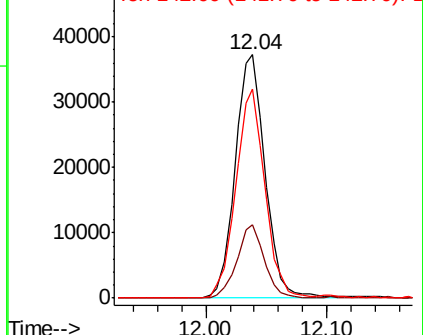
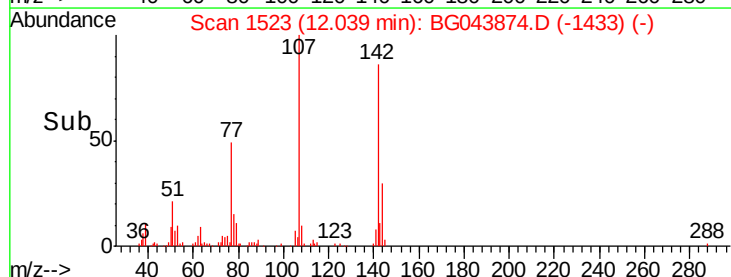
142 85.6 66.3 99.5

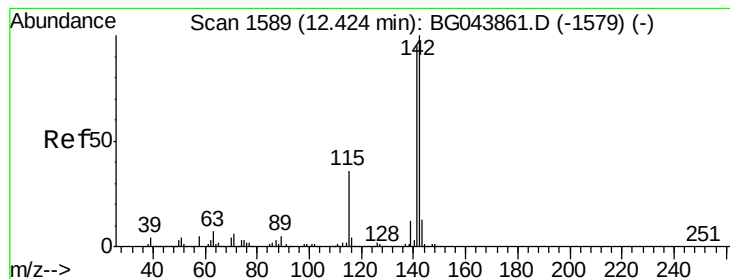


Abundance Ion 107.00 (106.70 to 107.70): E

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

Instrument :

BNA_G

ClientSampleId :

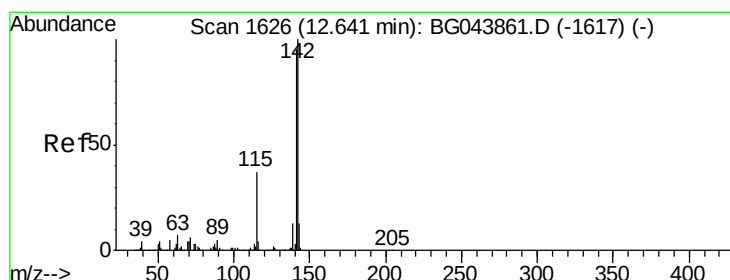
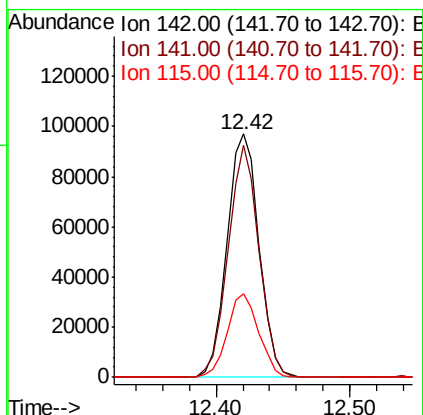
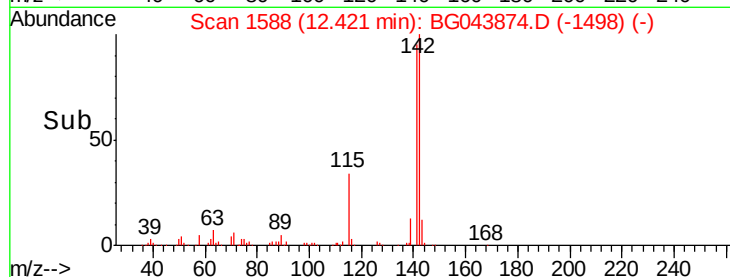
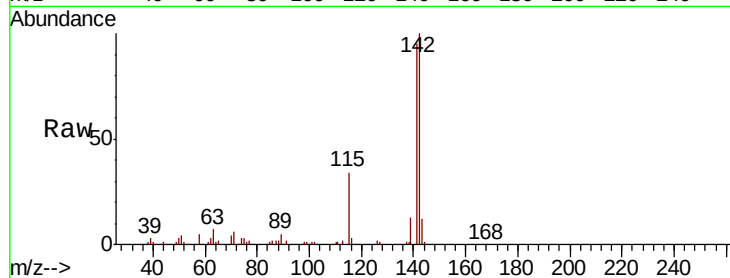
Tot Ion:142 Resp: 162565

Ion Ratio Lower Upper

142 100

141 95.1 75.8 113.8

115 34.1 28.6 42.8



#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

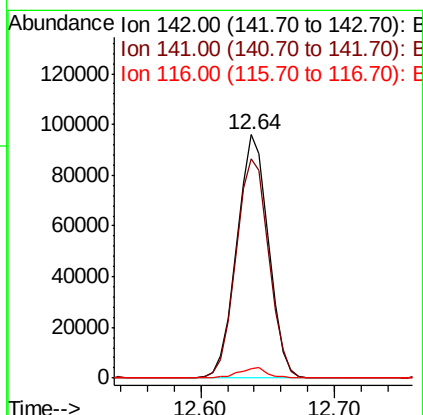
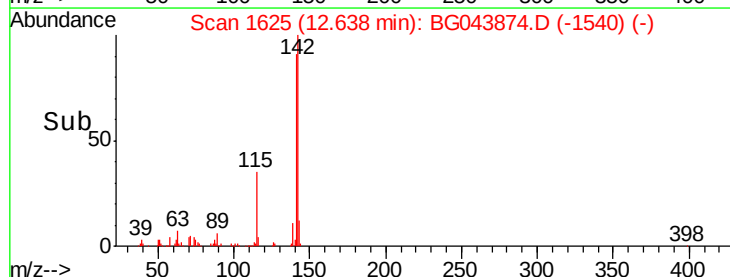
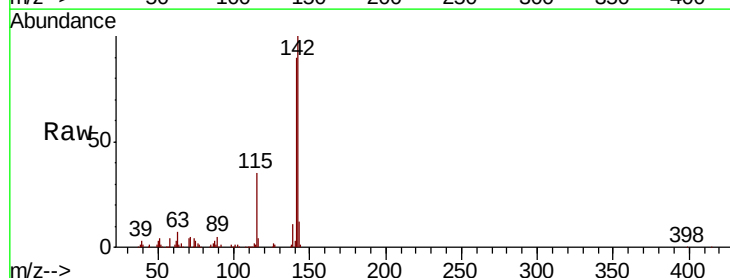
Tgt Ion:142 Resp: 157261

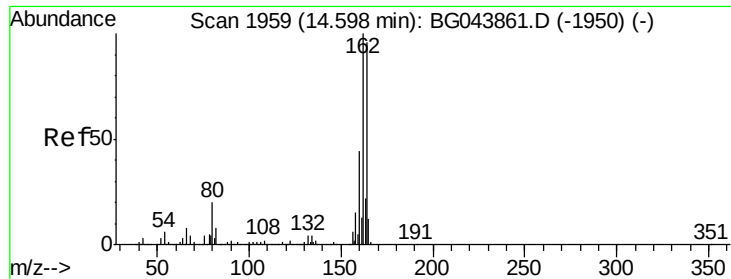
Ion Ratio Lower Upper

142 100

141 90.3 76.0 114.0

116 3.8 3.1 4.7





#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

Instrument :

BNA_G

ClientSampleId :

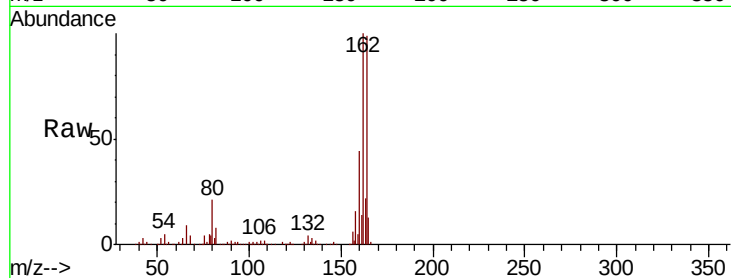
Tot Ion:164 Resp: 368771

Ion Ratio Lower Upper

164 100

162 101.0 83.0 124.4

160 44.9 36.1 54.1

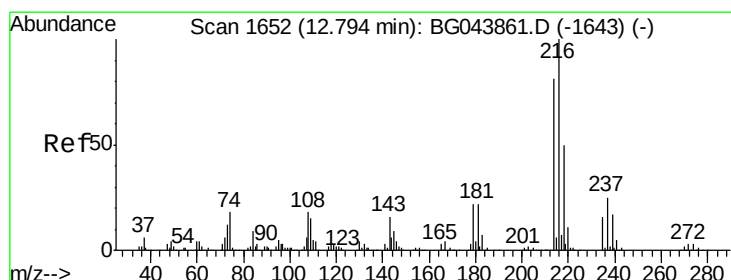
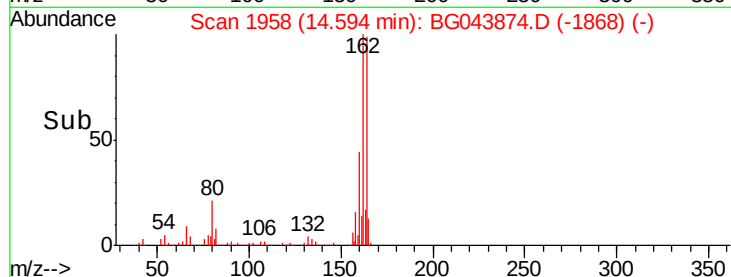
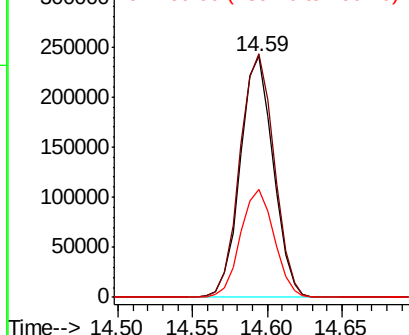


Abundance

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

Tgt Ion:216 Resp: 79646

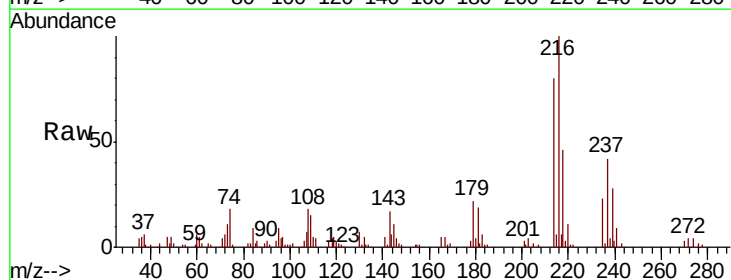
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.8

179 21.3 17.3 25.9

108 17.6 15.3 22.9



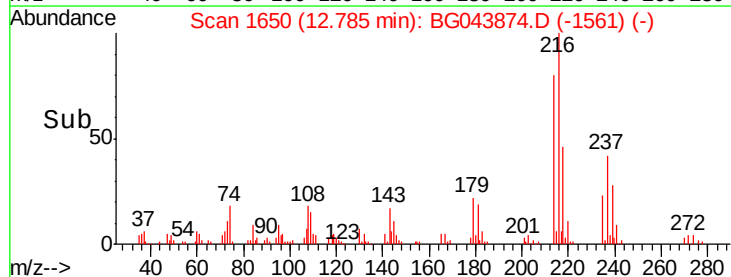
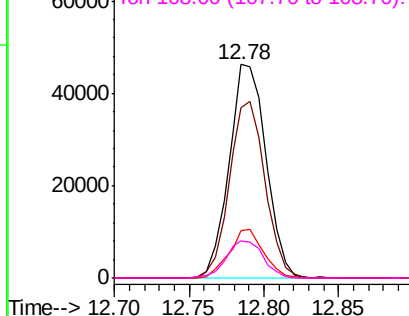
Abundance

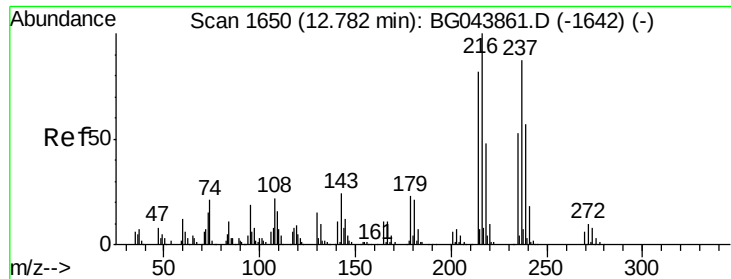
Ion 216.00 (215.70 to 216.70): E

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

Instrument :

BNA_G

ClientSampleId :

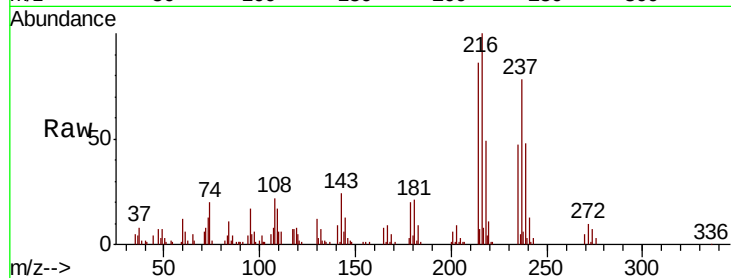
Tot Ion:237 Resp: 37794

Ion Ratio Lower Upper

237 100

235 59.7 41.1 81.1

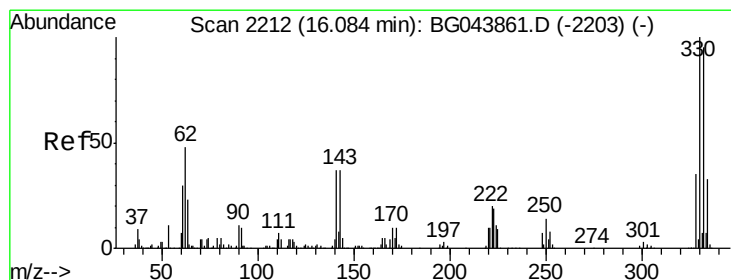
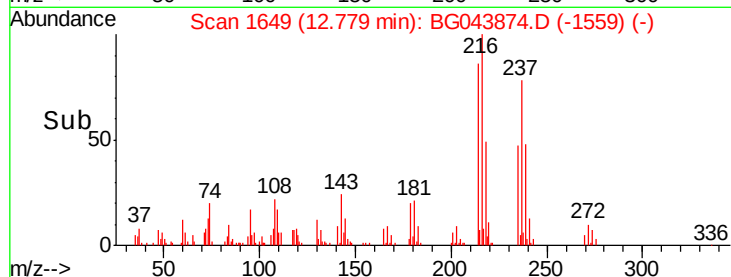
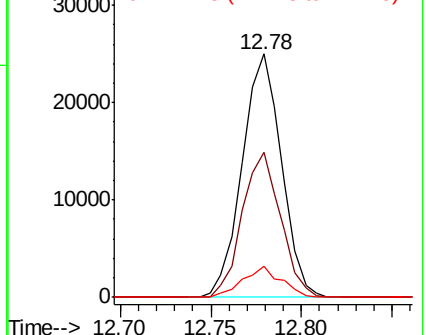
272 12.7 0.0 31.7



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

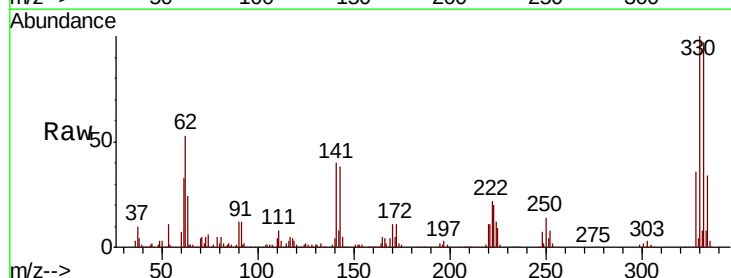
Tgt Ion:330 Resp: 558287

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

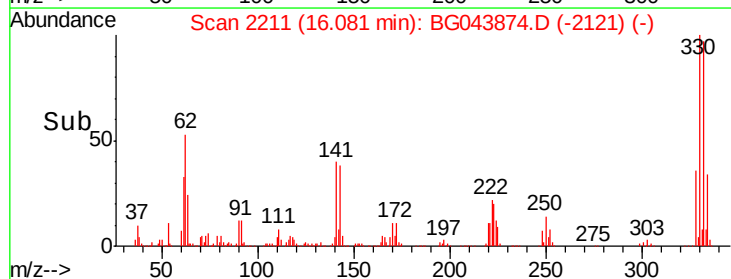
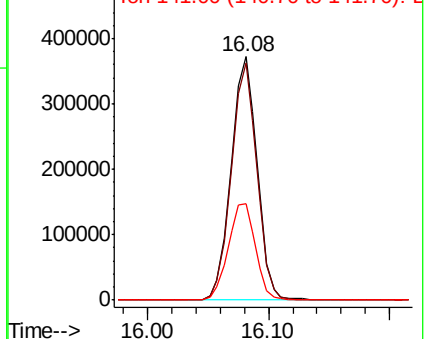
141 41.3 33.1 49.7

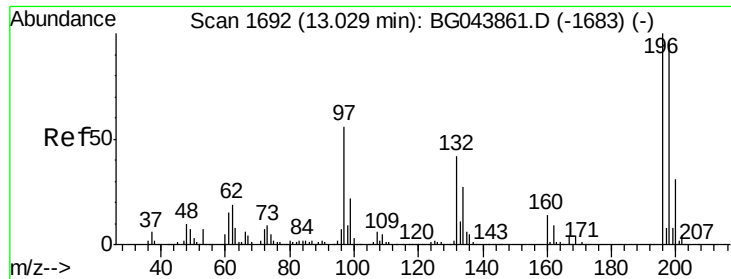


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

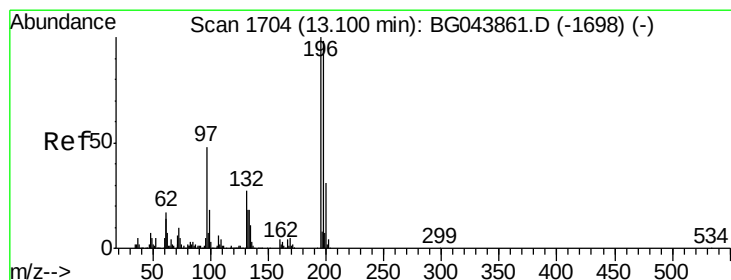
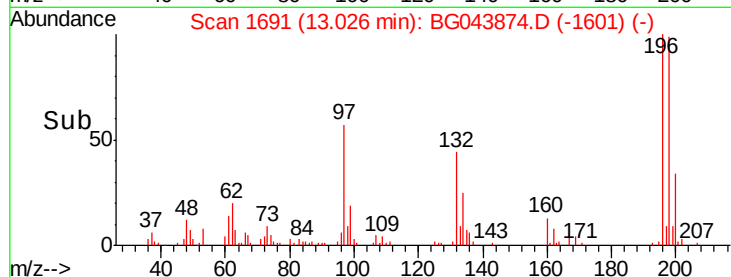
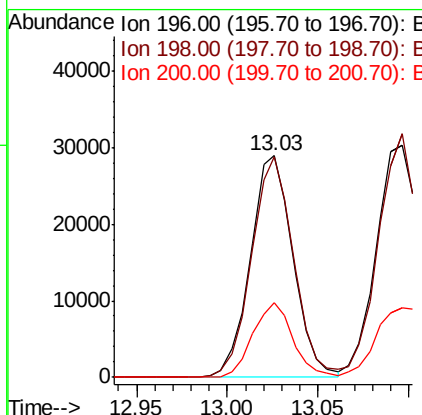
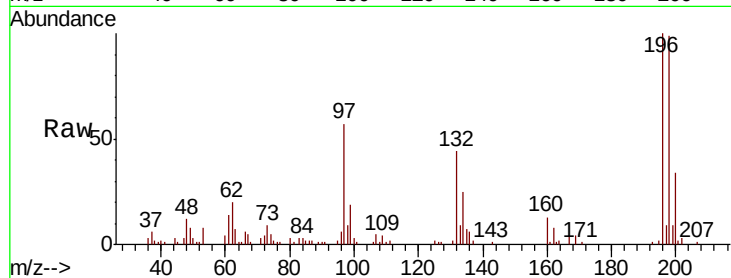




#43
 2,4,6-Trichlorophenol
 Concen: 6.345 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

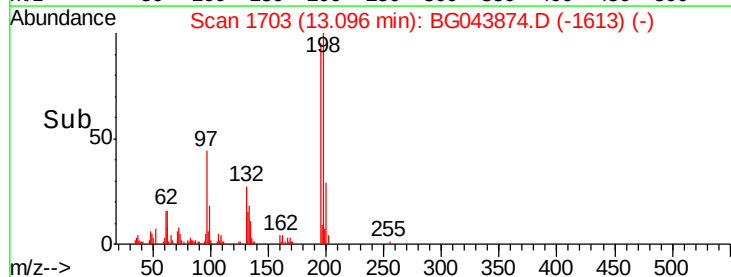
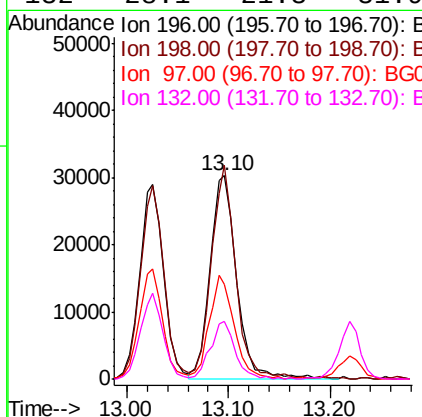
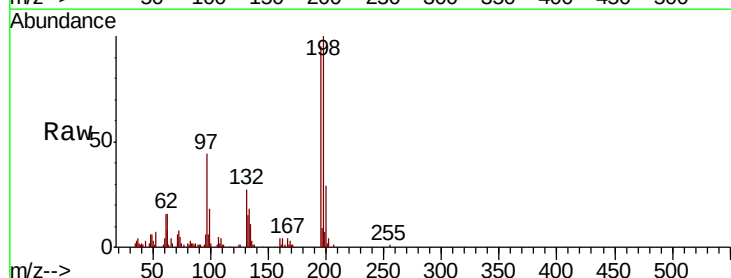
Instrument :
 BNA_G
 ClientSampleId :

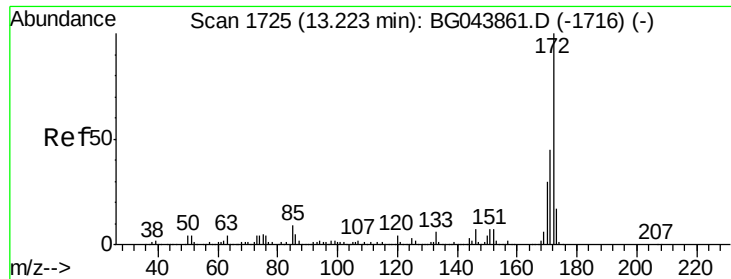
Tot Ion:196 Resp: 47193
 Ion Ratio Lower Upper
 196 100
 198 99.3 76.6 115.0
 200 33.7 24.6 37.0



#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

Tgt 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

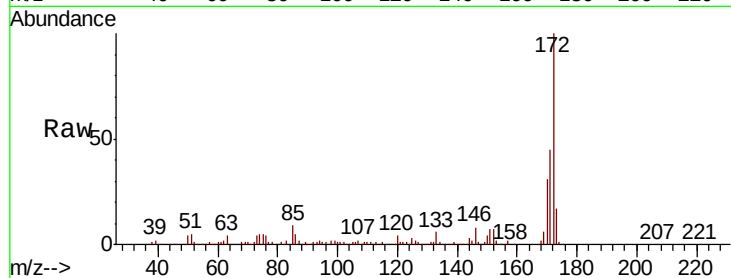




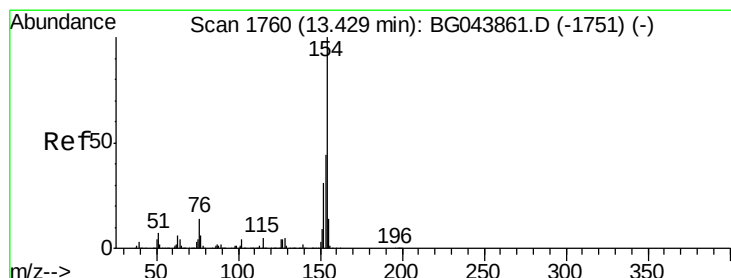
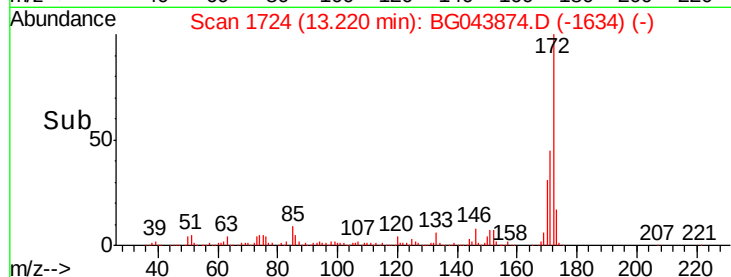
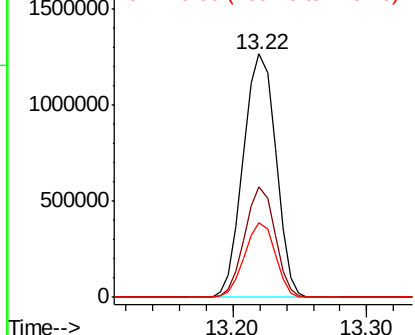
#45
2-Fluorobiphenyl
Concen: 105.424 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Instrument :
BNA_G
ClientSampleId :

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

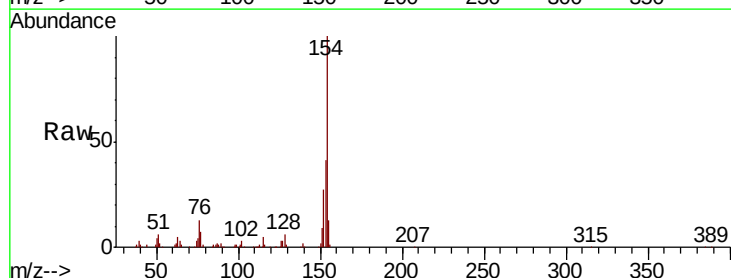


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

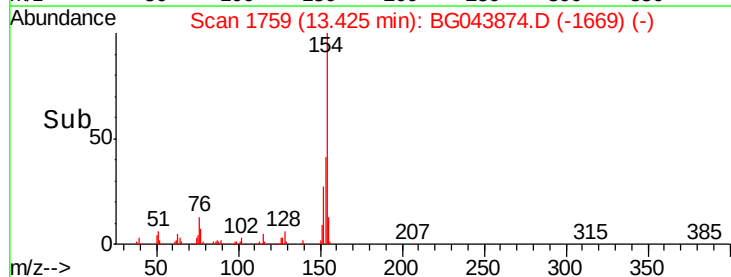
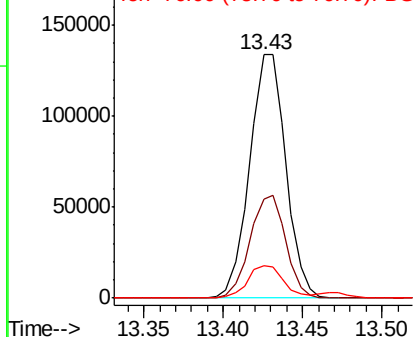


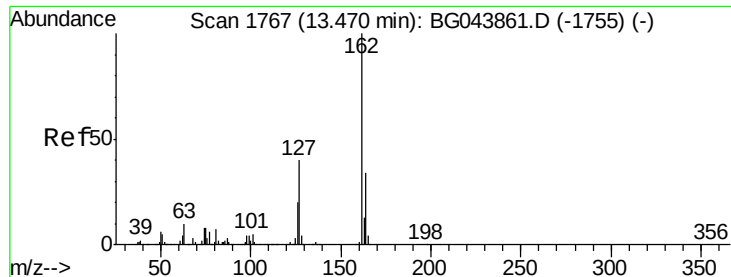
#46
1,1'-Biphenyl
Concen: 8.057 ng
RT: 13.43 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt 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): BG

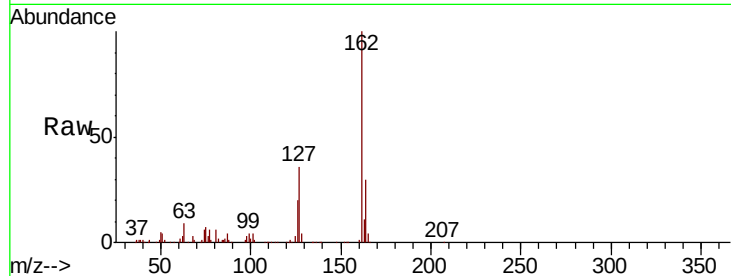




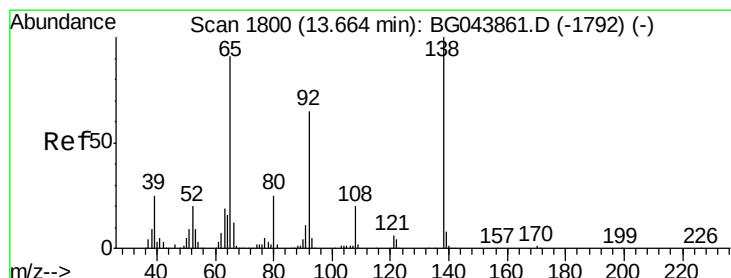
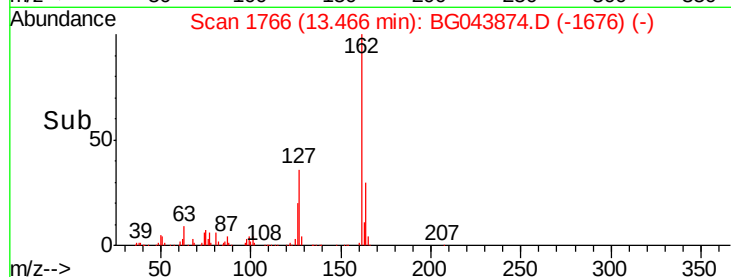
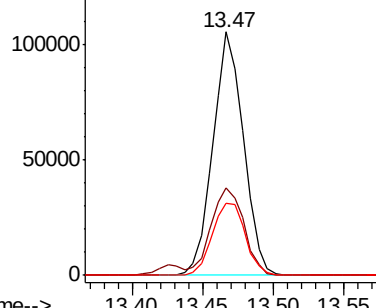
#47
2-Chloronaphthalene
Concen: 7.483 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.1	32.1	48.1
164	29.8	27.5	41.3

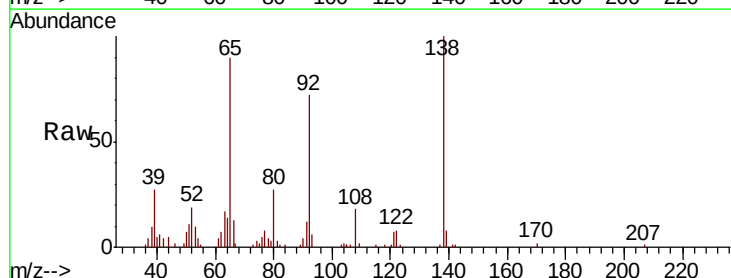


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

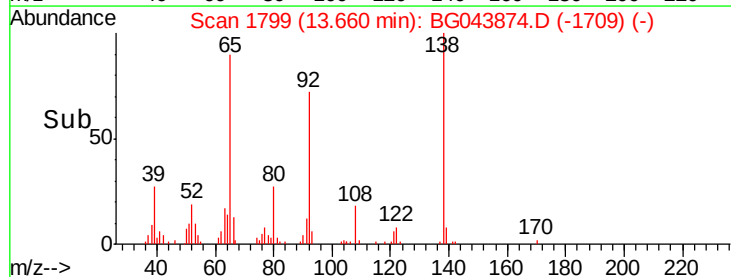
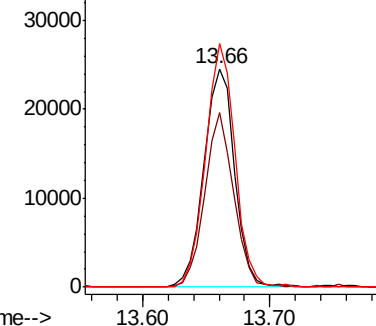


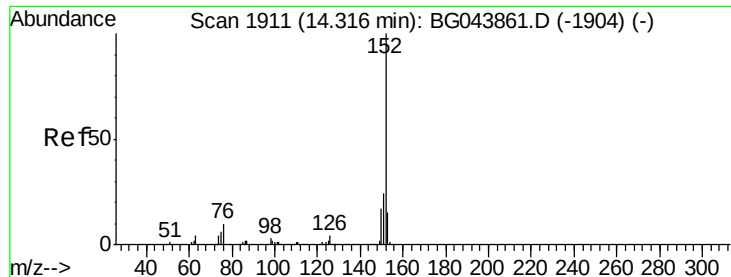
#48
2-Nitroaniline
Concen: 5.980 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt 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): E





#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

Instrument :

BNA_G

ClientSampleId :

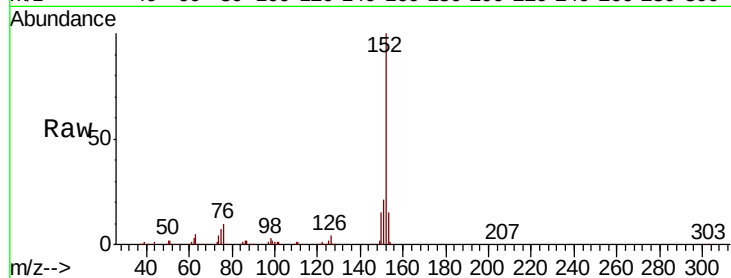
Tot Ion:152 Resp: 257131

Ion Ratio Lower Upper

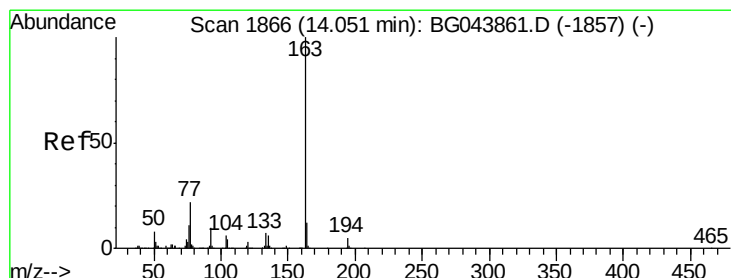
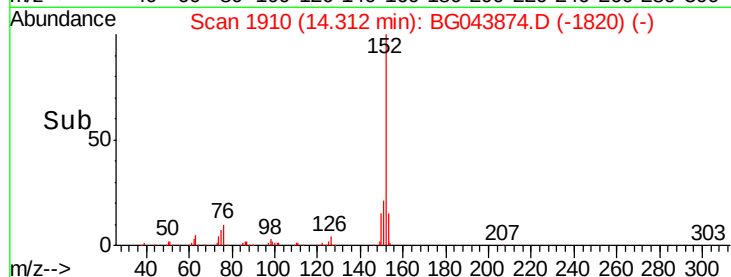
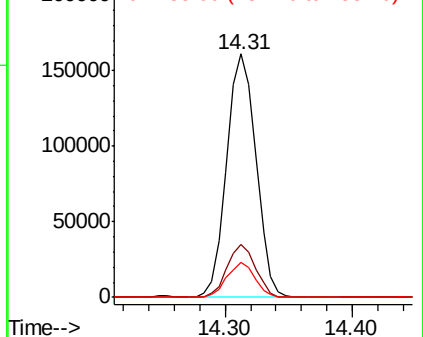
152 100

151 21.5 19.4 29.2

153 14.5 12.0 18.0



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



#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

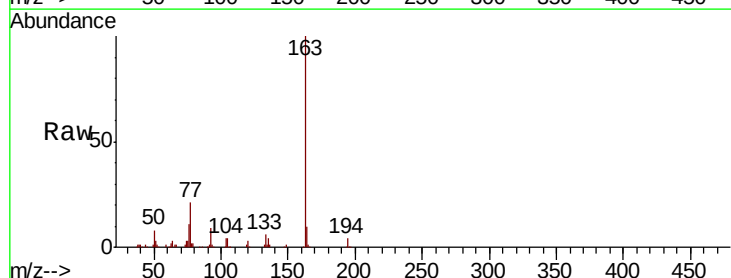
Tgt Ion:163 Resp: 211453

Ion Ratio Lower Upper

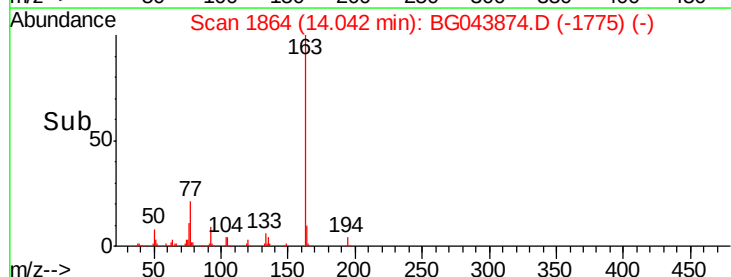
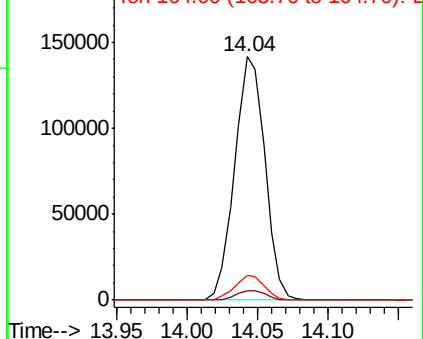
163 100

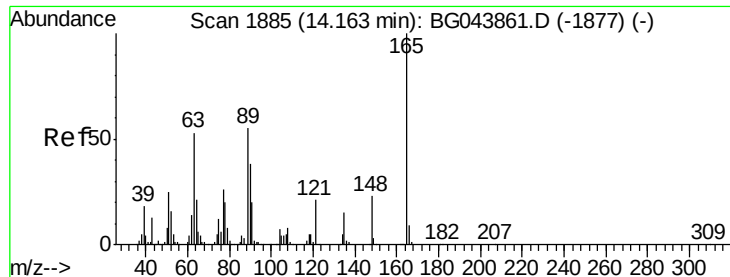
194 3.8 3.7 5.5

164 10.0 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

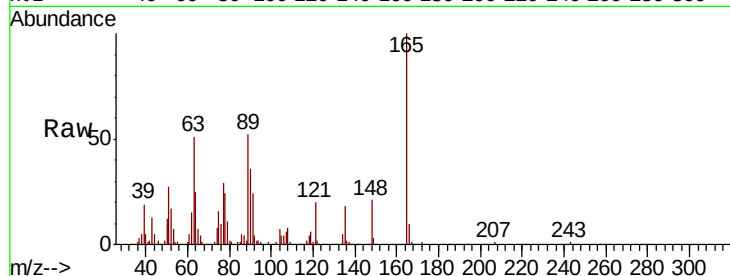




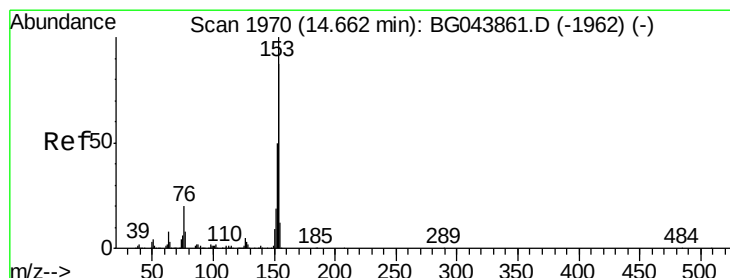
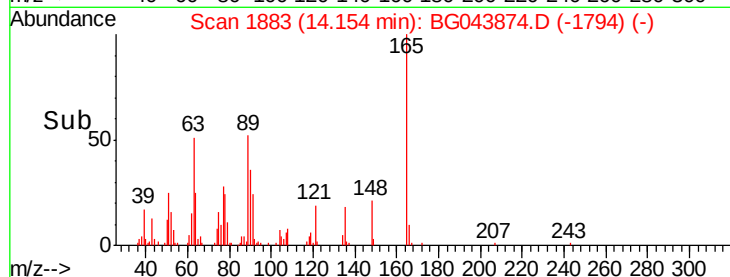
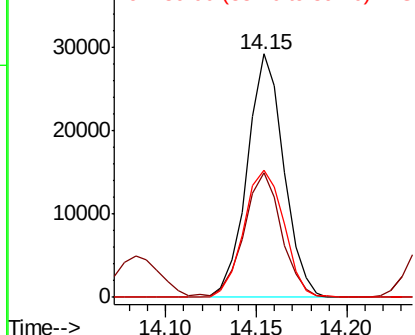
#51
 2,6-Dinitrotoluene
 Concen: 6.931 ng
 RT: 14.15 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	165	Resp	41019
Ion Ratio	Lower	Upper	
165	100		
63	51.3	43.1	64.7
89	52.3	43.8	65.6

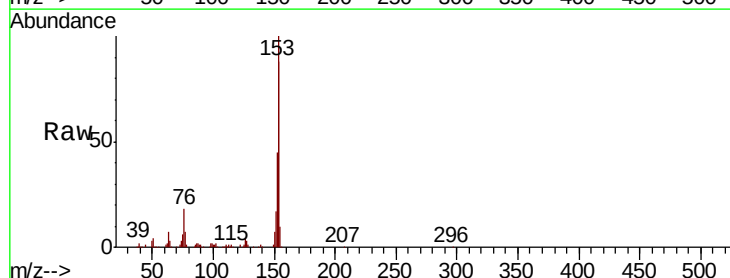


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

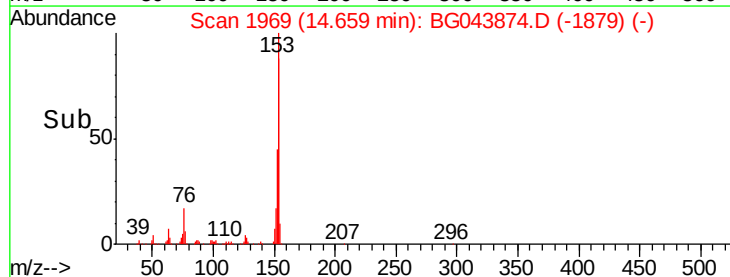
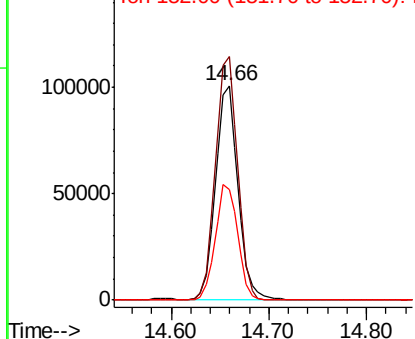


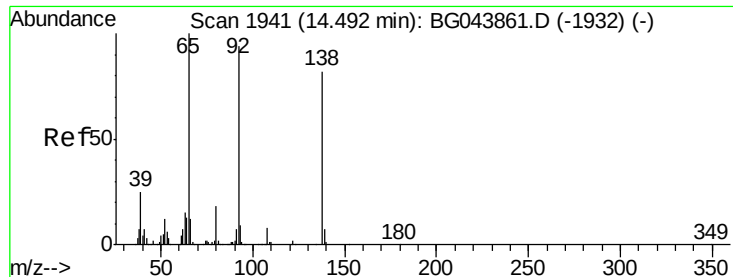
#52
 Acenaphthene
 Concen: 7.497 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Tgt 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

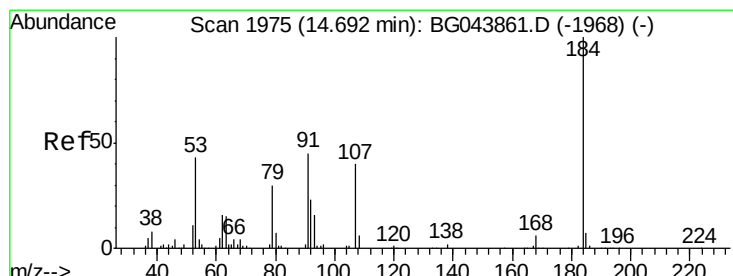
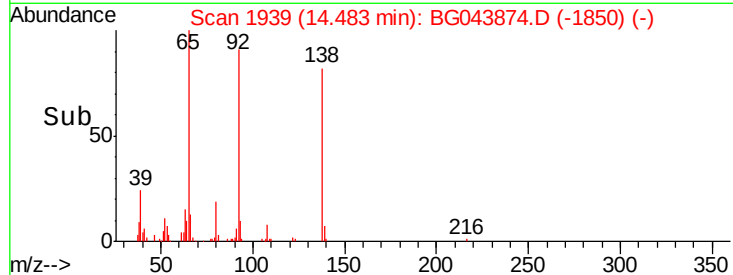
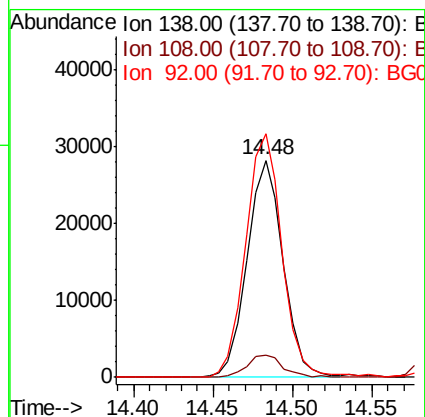
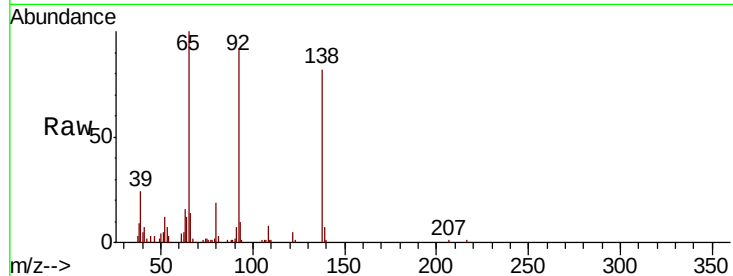




#53
 3-Nitroaniline
 Concen: 6.623 ng
 RT: 14.48 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

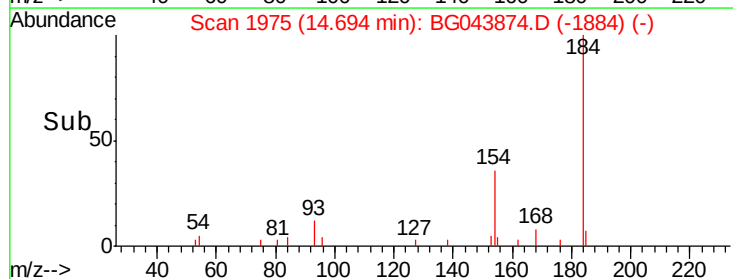
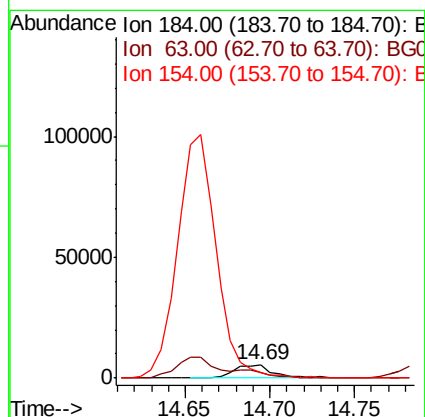
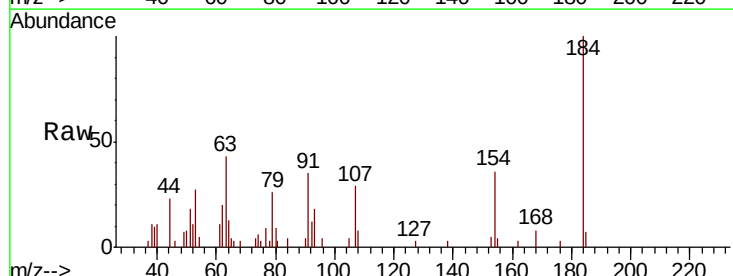
Instrument :
 BNA_G
 ClientSampleId :

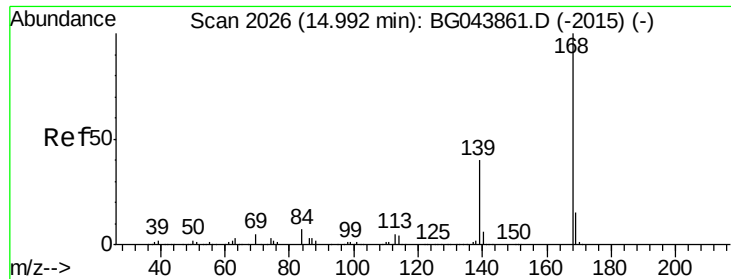
Tot Ion:138 Resp: 44508
 Ion Ratio Lower Upper
 138 100
 108 10.3 7.4 11.2
 92 112.2 92.1 138.1



#54
 2,4-Dinitrophenol
 Concen: 8.283 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

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

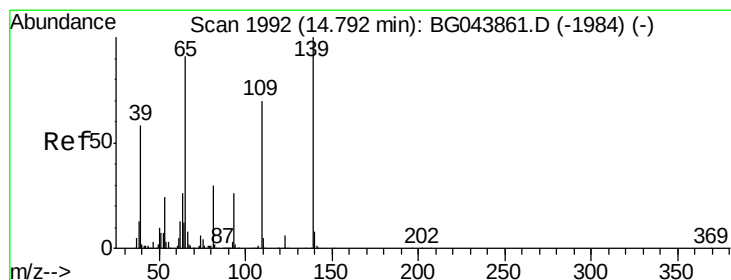
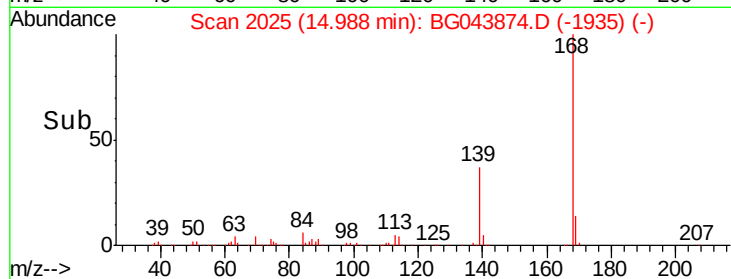
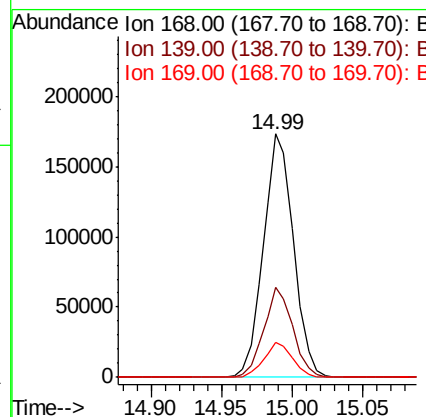
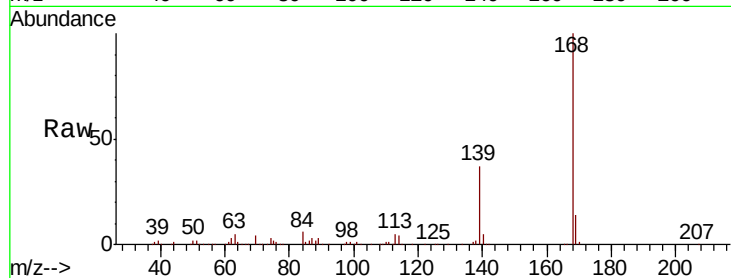




#55
Dibenzofuran
Concen: 8.754 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

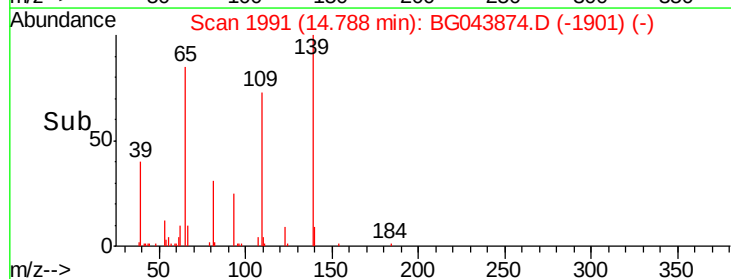
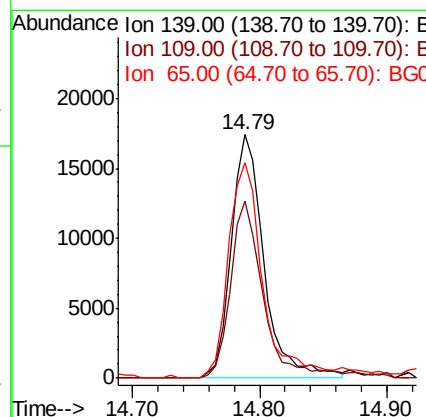
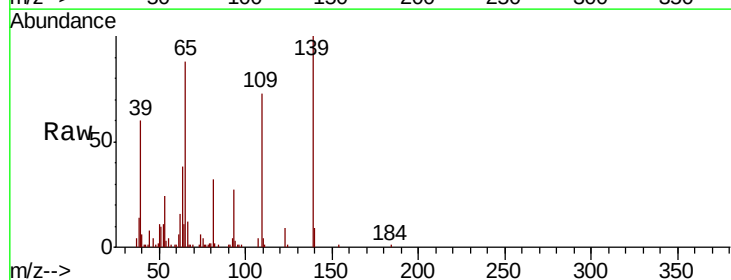
Instrument :
BNA_G
ClientSampleId :

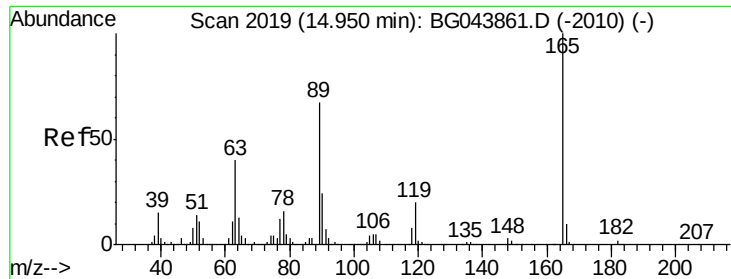
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	32.2	48.2
169	14.2	12.2	18.2



#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

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.6	50.4	90.4
65	88.3	71.4	111.4

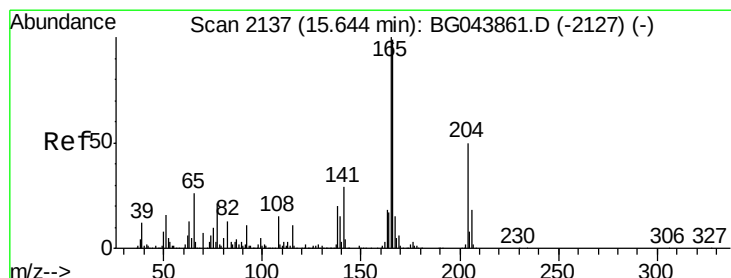
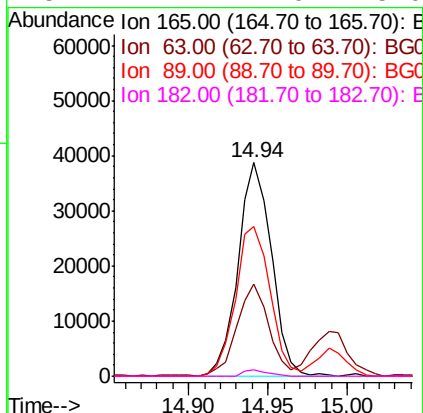
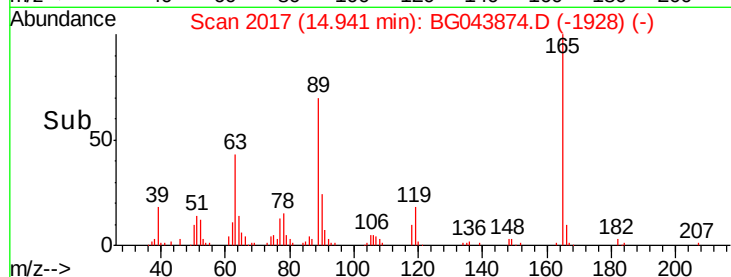
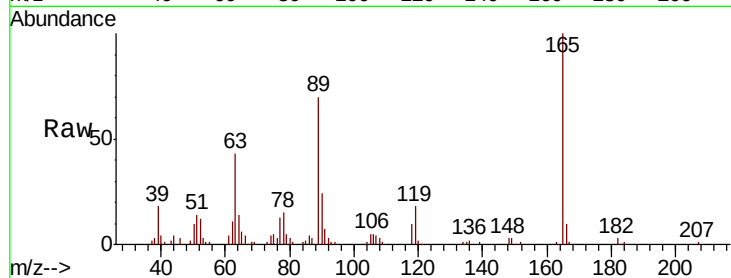




#57
 2,4-Dinitrotoluene
 Concen: 7.031 ng
 RT: 14.94 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

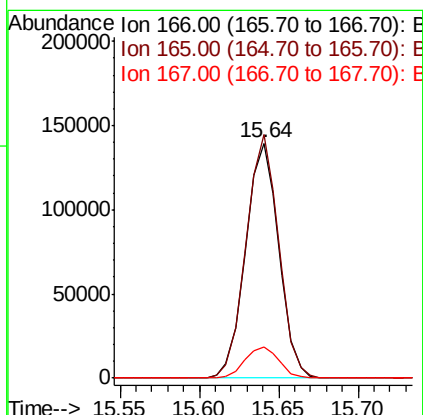
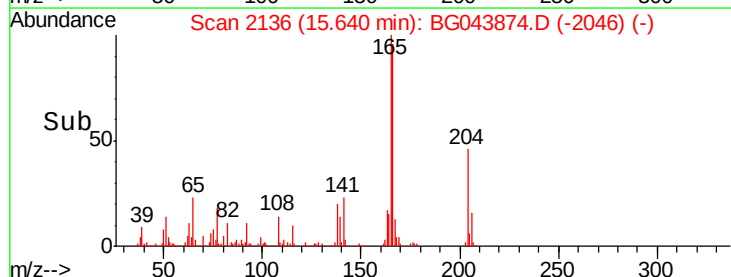
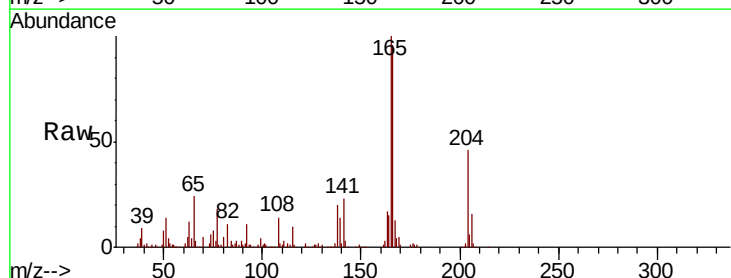
Instrument :
 BNA_G
 ClientSampleId :

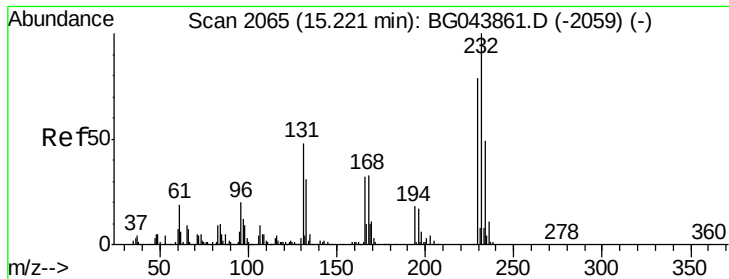
Tot Ion:165 Resp: 56624
 Ion Ratio Lower Upper
 165 100
 63 42.9 31.9 47.9
 89 70.1 53.8 80.6
 182 2.7 2.0 3.0



#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

Tgt Ion:166 Resp: 202378
 Ion Ratio Lower Upper
 166 100
 165 103.8 80.8 121.2
 167 13.4 12.1 18.1

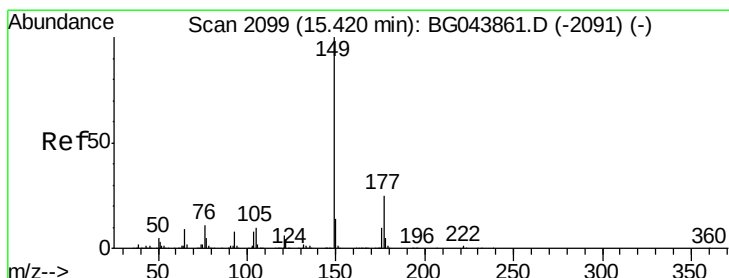
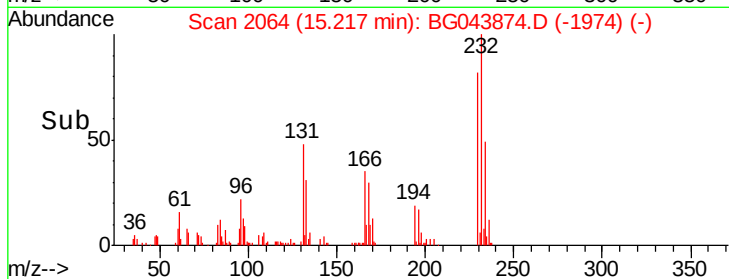
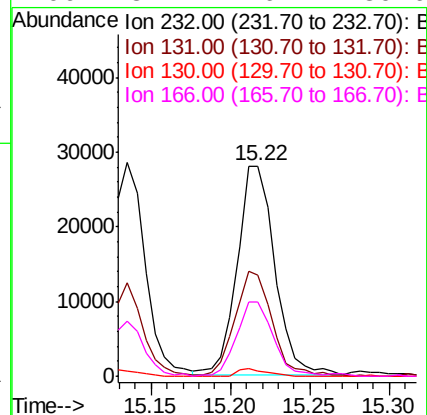
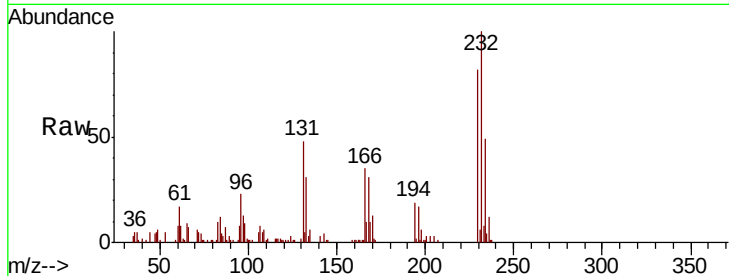




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.991 ng
 RT: 15.22 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

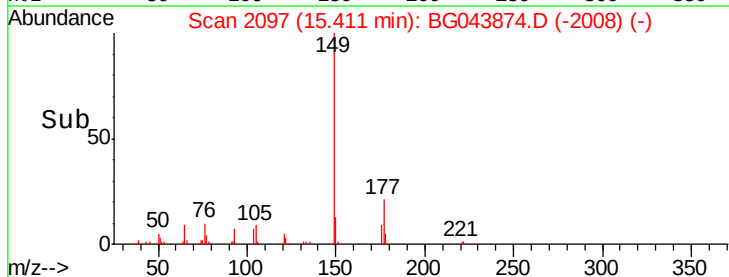
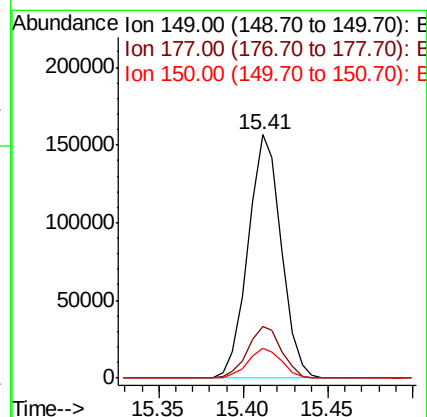
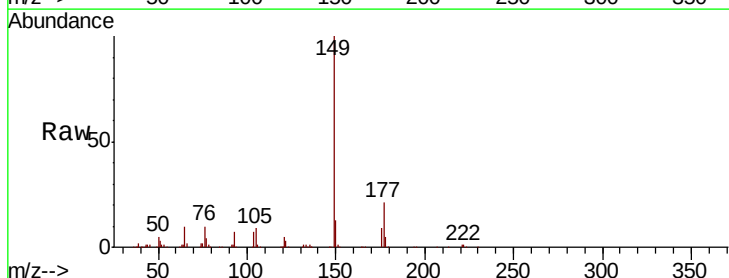
Instrument :
 BNA_G
 ClientSampleId :

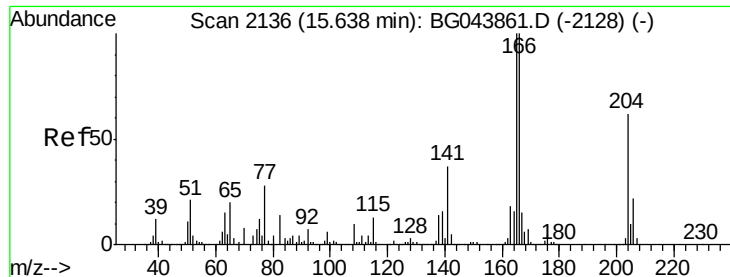
Tot Ion	Ratio	Lower	Upper
232	100		
131	49.8	38.2	57.2
130	2.8	2.2	3.2
166	34.7	26.4	39.6



#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

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

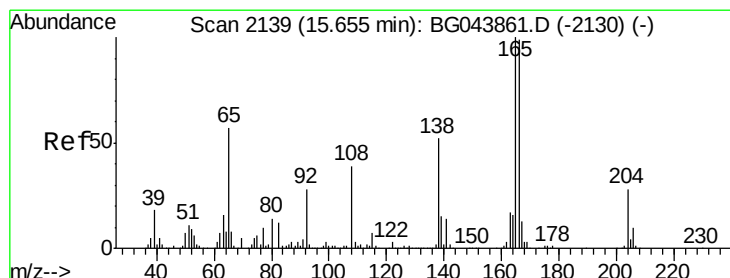
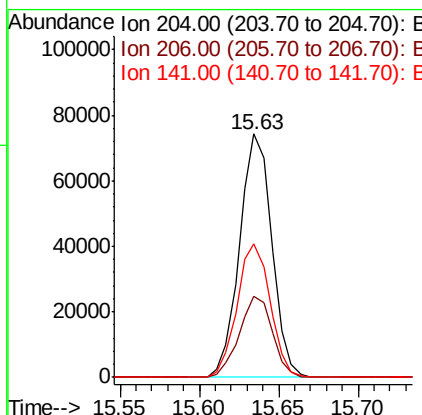
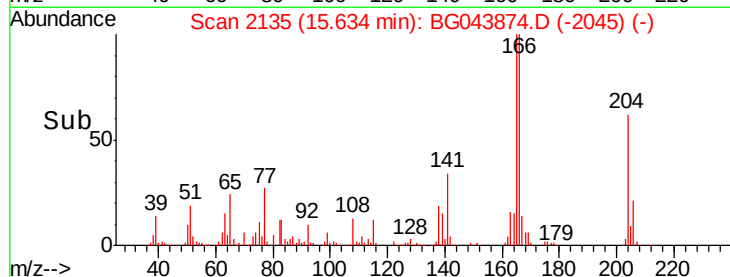
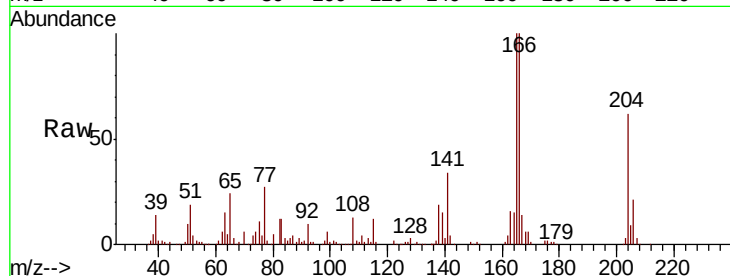




#61
 4-Chlorophenyl-phenylether
 Concen: 8.208 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

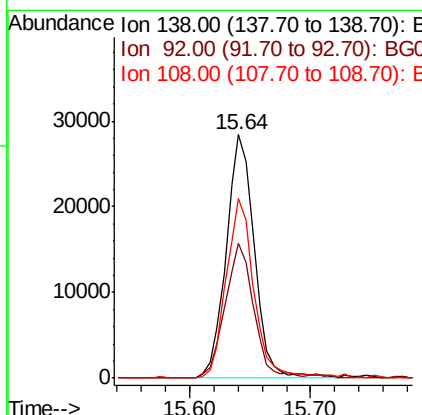
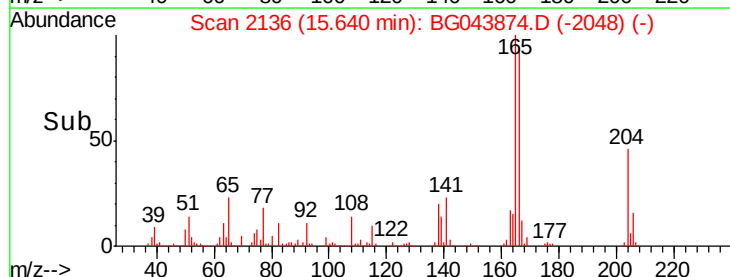
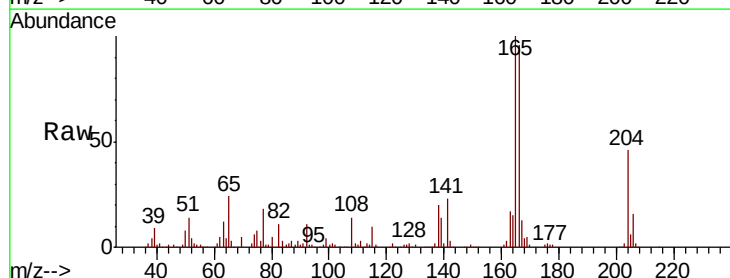
Instrument :
 BNA_G
 ClientSampled :

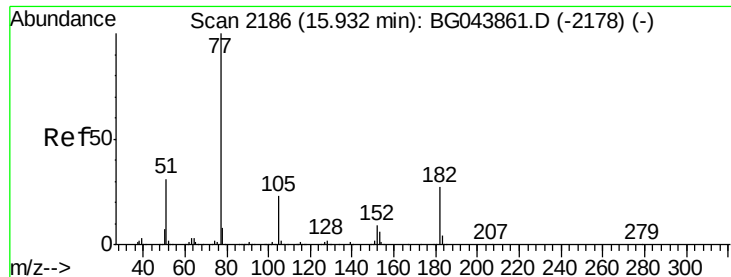
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	28.2	42.2
141	54.8	48.2	72.2



#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

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.3	34.3	74.3
108	73.6	55.0	95.0





#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

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 203938

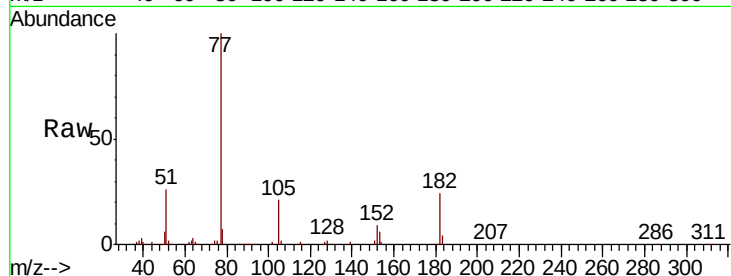
Ion Ratio Lower Upper

77 100

182 24.5 7.3 47.3

105 20.8 3.2 43.2

51 26.2 10.6 50.6

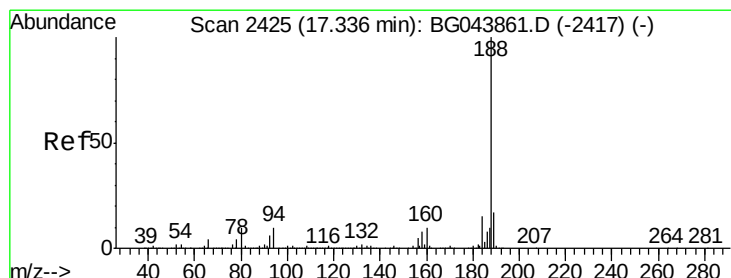
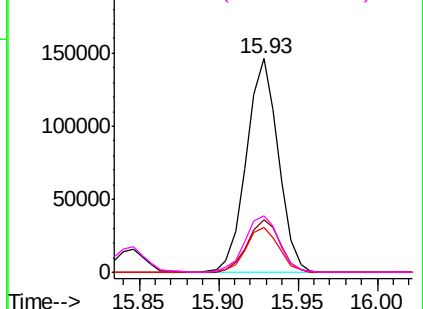
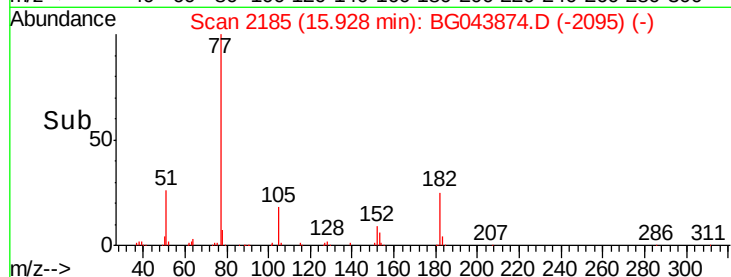


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#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

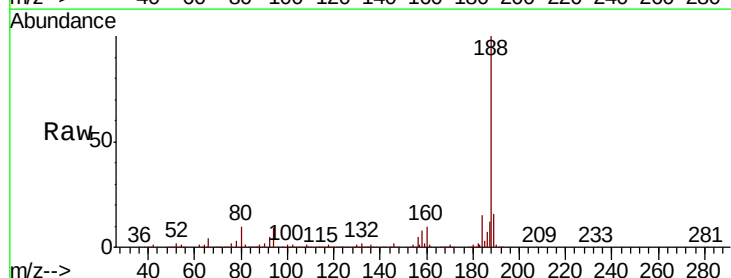
Tgt Ion: 188 Resp: 809900

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

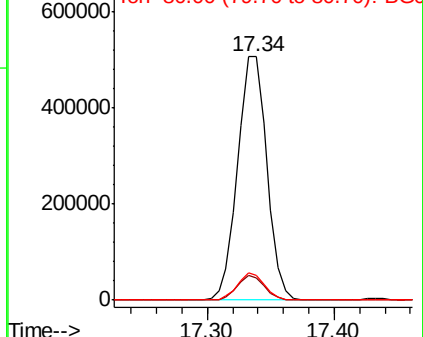
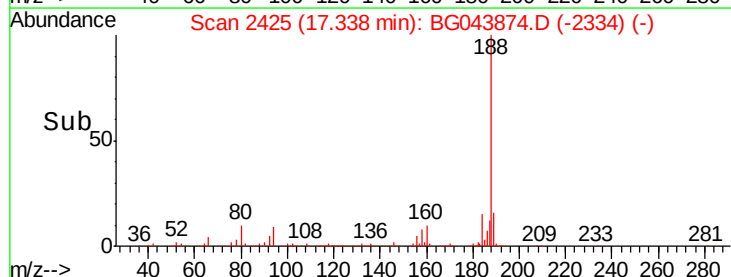
80 10.2 8.2 12.4

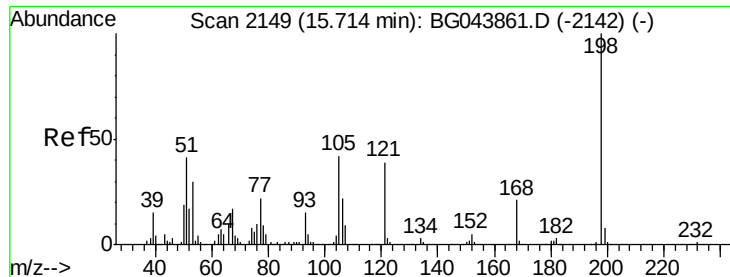


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

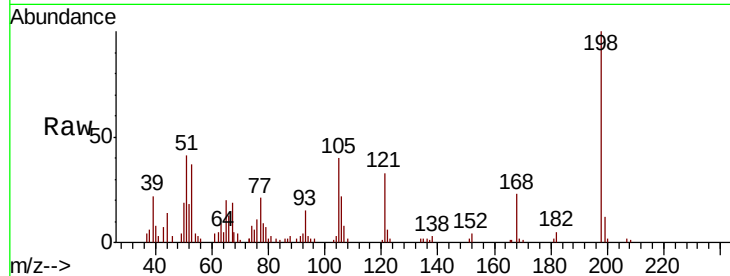




#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.668 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

Instrument :
 BNA_G
 ClientSampled :

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

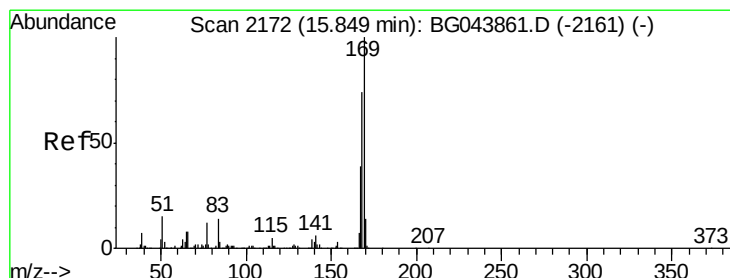
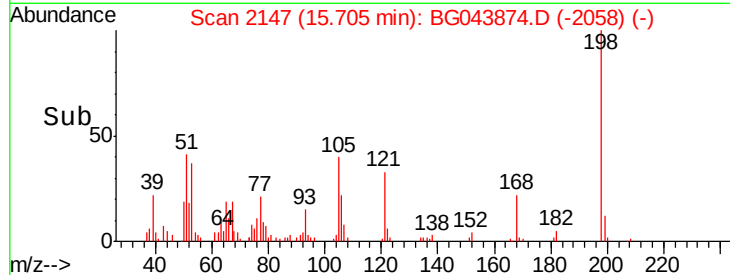
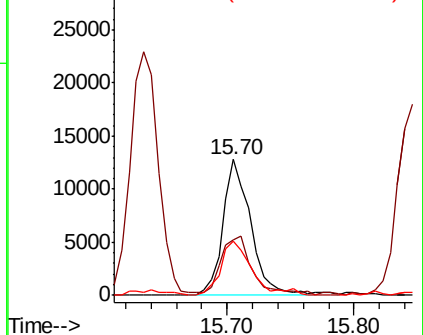


Abundance

Ion 198.00 (197.70 to 198.70): E

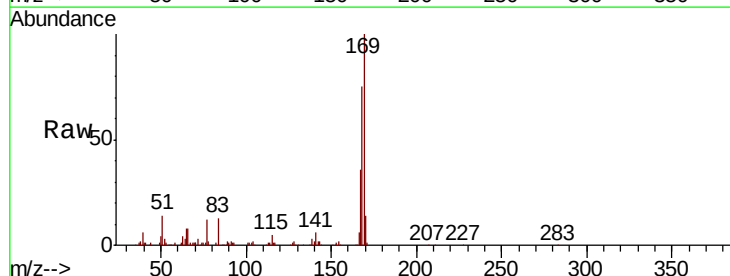
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#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

Tgt Ion	169	Resp	183904
Ion Ratio	100	Lower	Upper
168	75.0	59.0	88.6
167	36.2	31.4	47.0

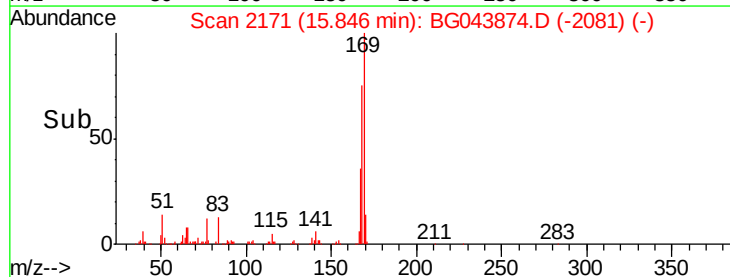
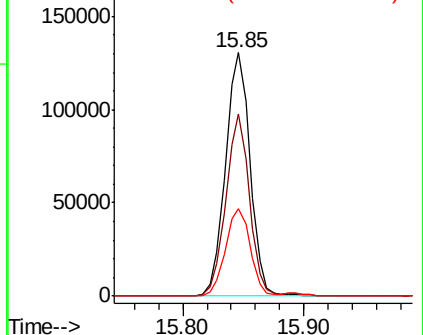


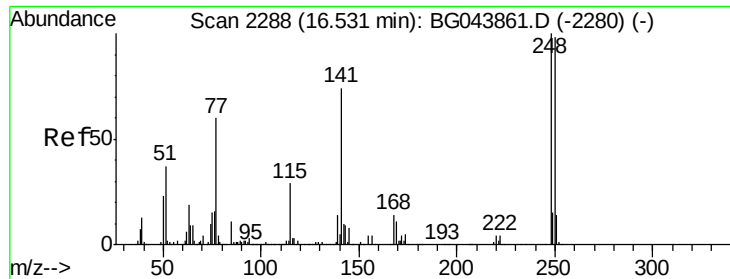
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

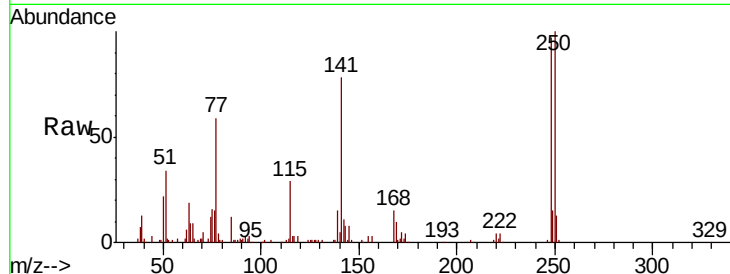




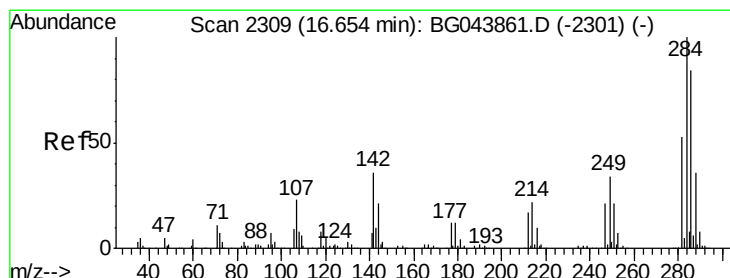
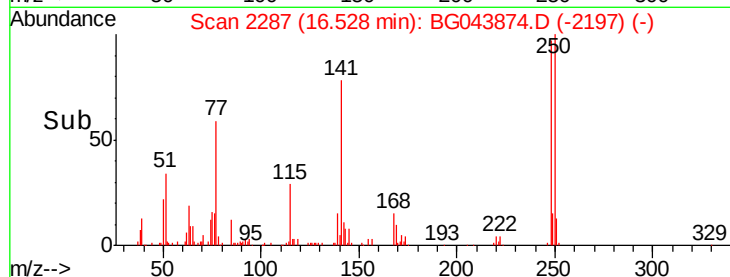
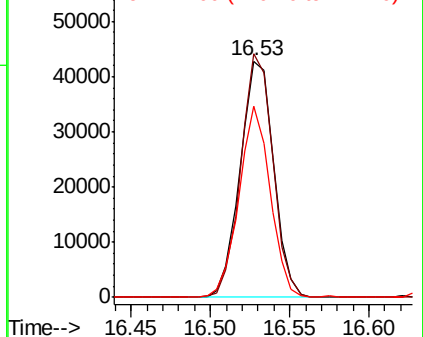
#67
4-Bromophenyl-phenylether
Concen: 6.905 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 62897
Ion Ratio Lower Upper
248 100
250 103.0 78.2 117.2
141 80.8 59.3 88.9

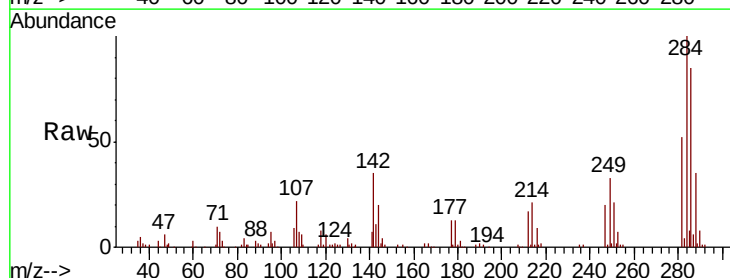


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

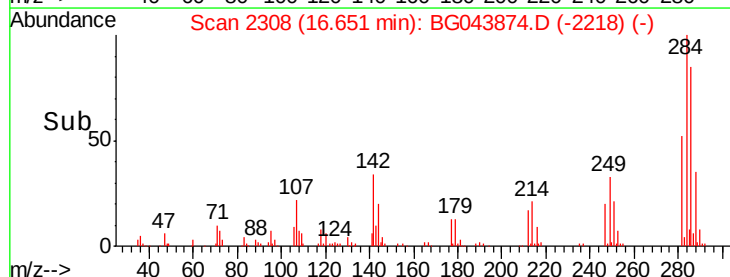
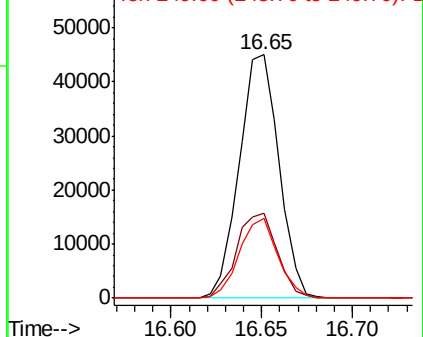


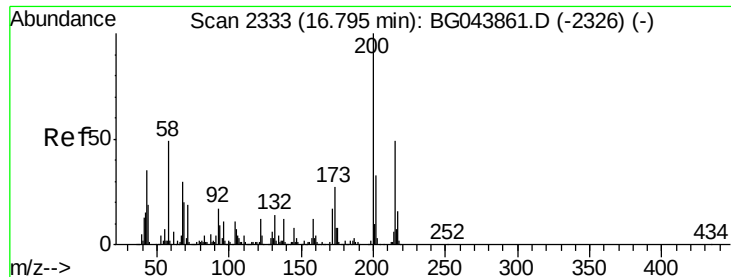
#68
Hexachlorobenzene
Concen: 6.986 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Tgt 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

Instrument :

BNA_G

ClientSampled :

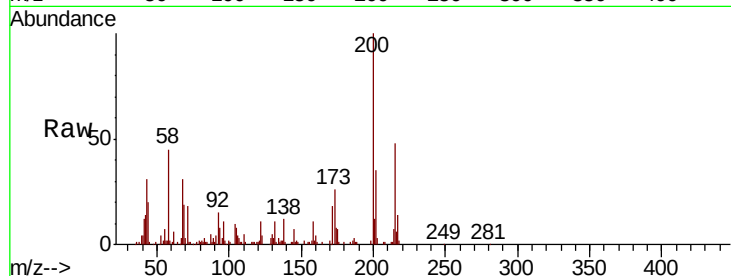
Tot Ion:200 Resp: 54906

Ion Ratio Lower Upper

200 100

173 25.8 6.6 46.6

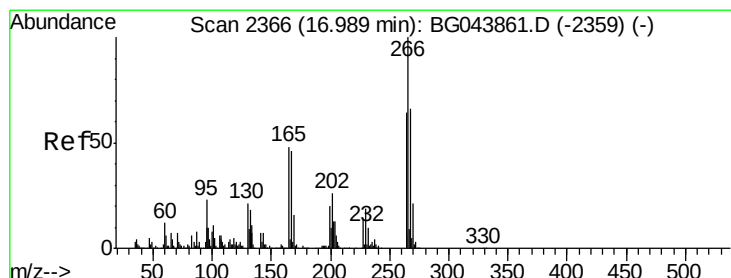
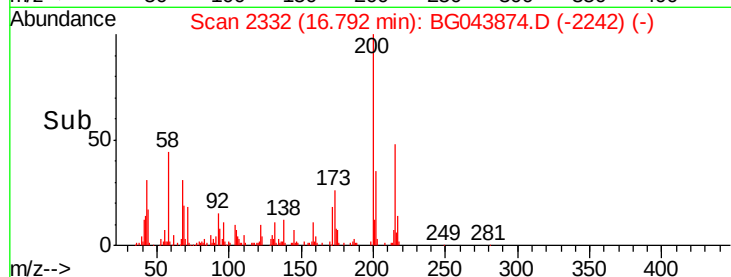
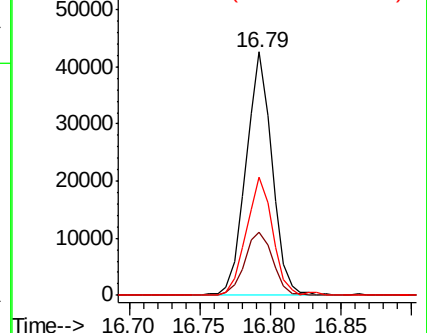
215 48.4 28.6 68.6



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

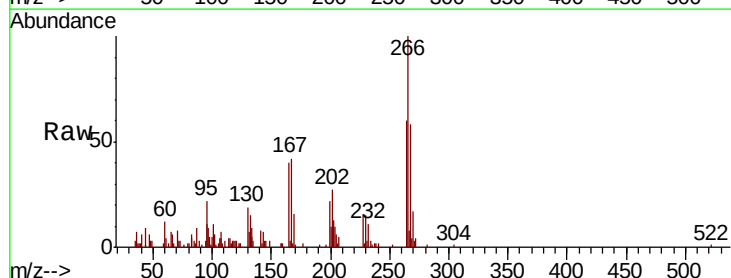
Tgt Ion:266 Resp: 24954

Ion Ratio Lower Upper

266 100

268 58.0 52.6 79.0

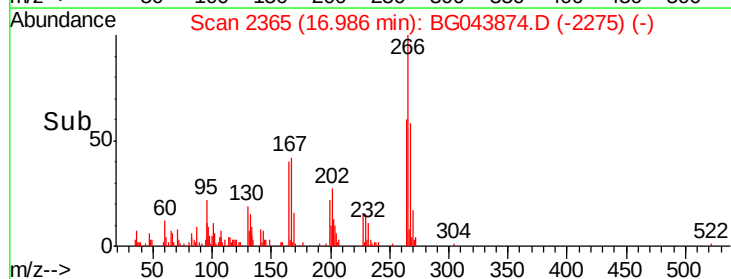
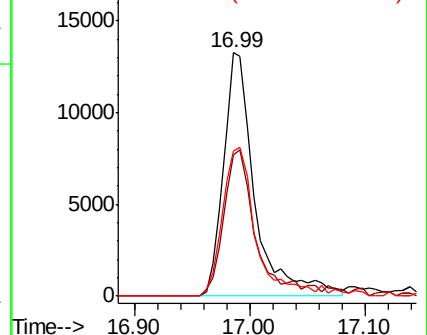
264 59.7 50.8 76.2

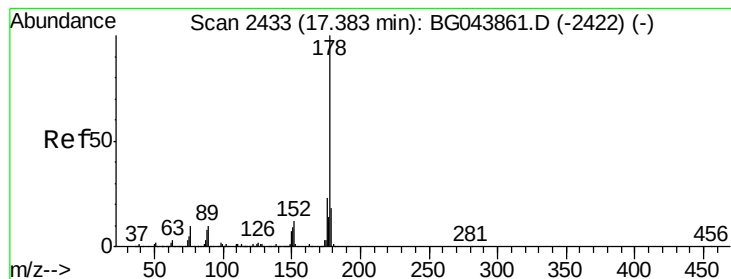


Abundance Ion 265.70 (265.40 to 266.40): E

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

Instrument :

BNA_G

ClientSampleId :

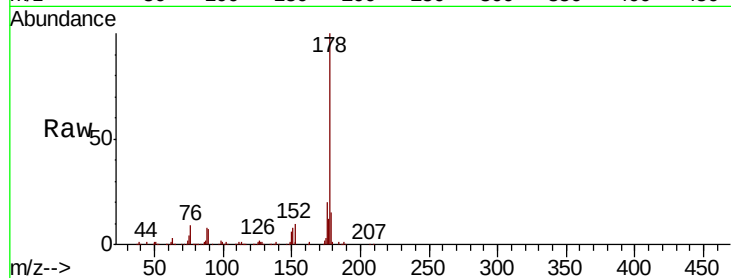
Tot Ion:178 Resp: 327133

Ion Ratio Lower Upper

178 100

176 20.2 18.6 28.0

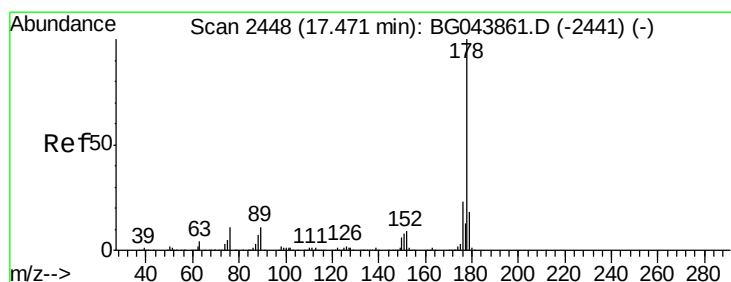
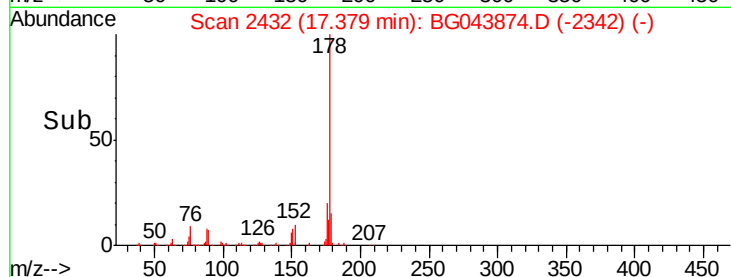
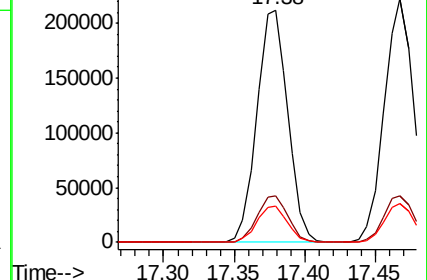
179 15.4 14.4 21.6



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

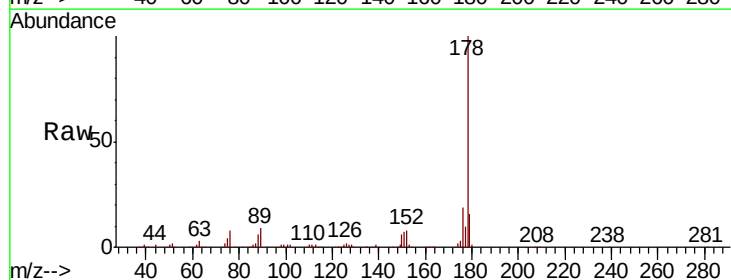
Tgt Ion:178 Resp: 327473

Ion Ratio Lower Upper

178 100

176 19.3 18.3 27.5

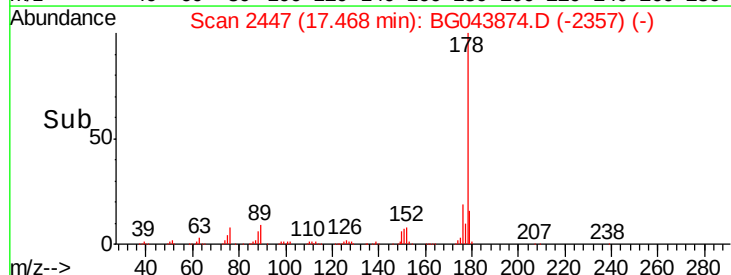
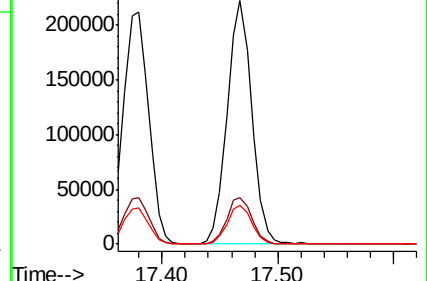
179 16.0 14.6 22.0

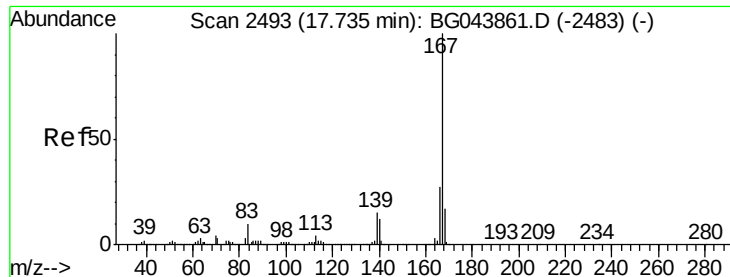


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

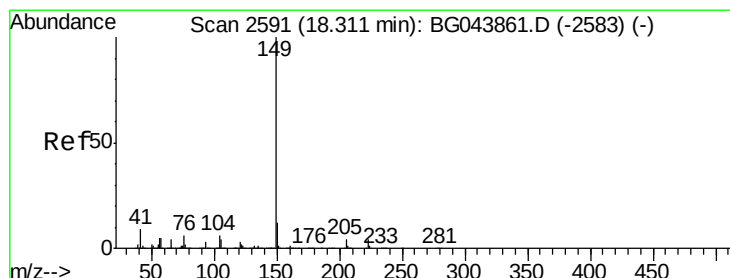
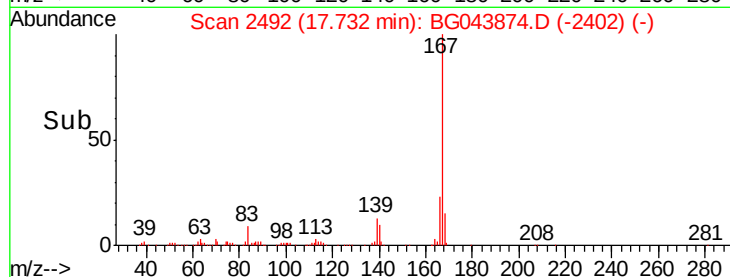
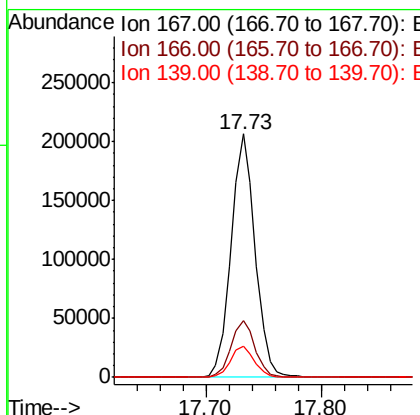
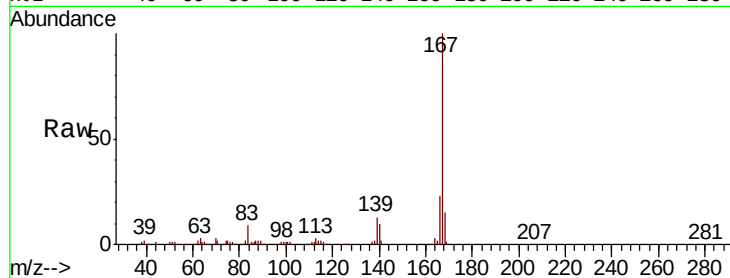




#73
 Carbazole
 Concen: 8.336 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.00 min
 Lab File: BG043874.D
 Acq: 2 Jan 2020 14:21

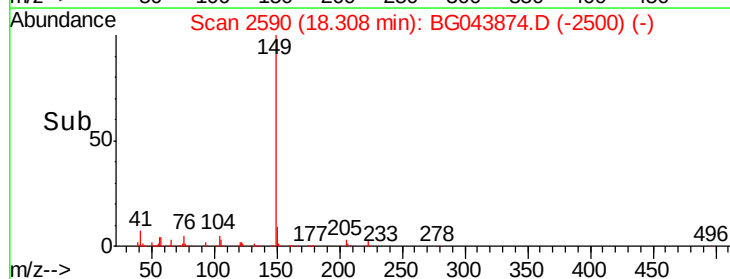
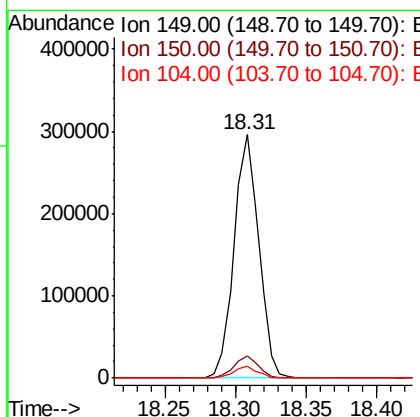
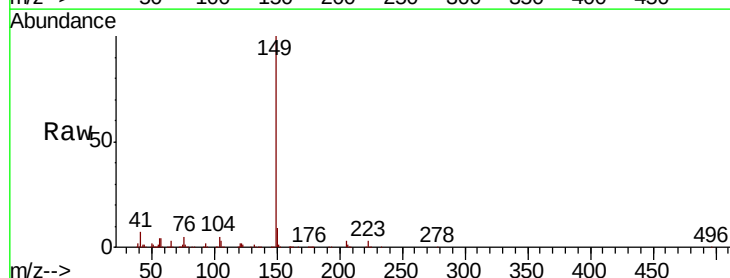
Instrument :
 BNA_G
 ClientSampled :

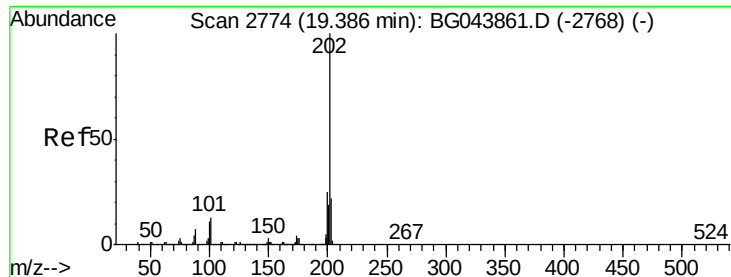
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	21.6	32.4
139	12.5	12.1	18.1



#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

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	9.7	14.5#
104	5.0	5.0	7.4





#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

Instrument :

BNA_G

ClientSampleId :

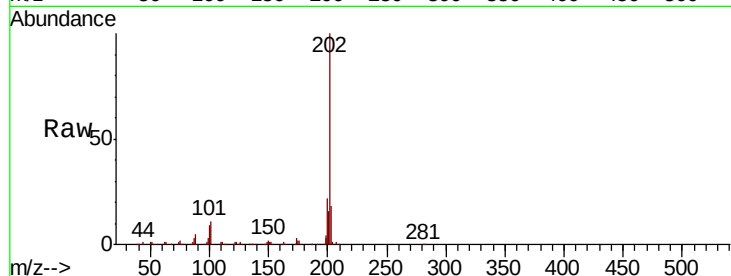
Tot Ion:202 Resp: 378759

Ion Ratio Lower Upper

202 100

101 10.7 0.0 33.3

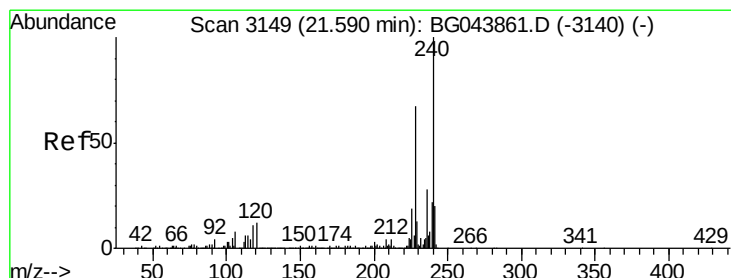
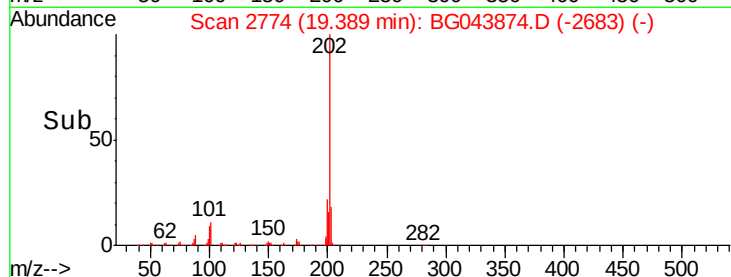
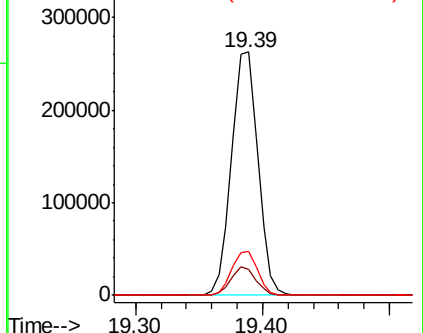
203 18.1 1.6 41.6



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

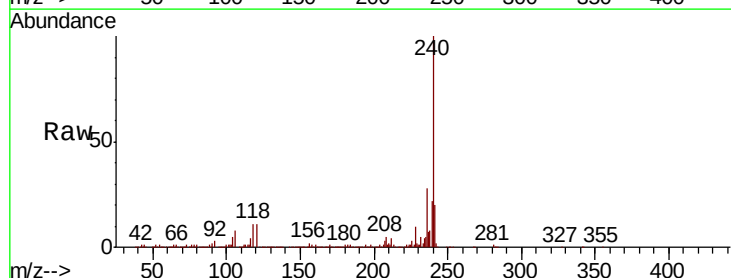
Tgt Ion:240 Resp: 710791

Ion Ratio Lower Upper

240 100

120 11.5 9.6 14.4

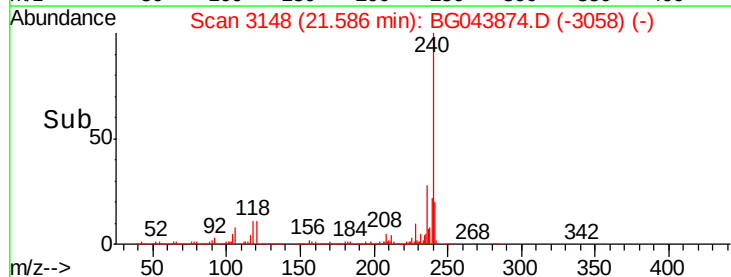
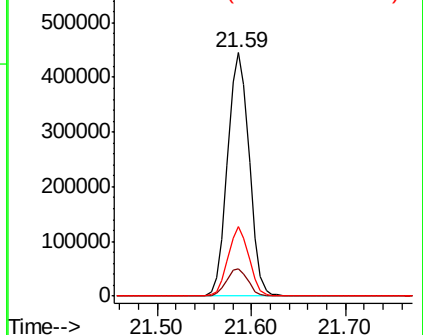
236 28.5 22.2 33.2

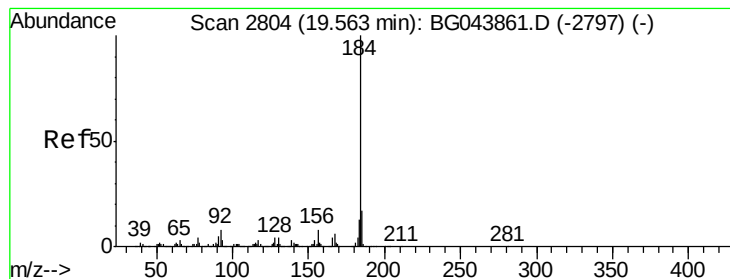


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 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

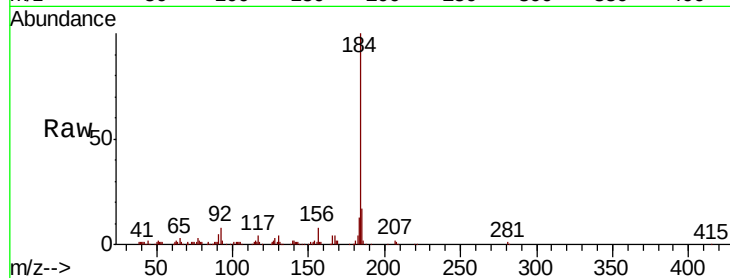
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 125007

Ion	Ratio	Lower	Upper
184	100		
185	17.0	13.4	20.0
183	12.6	10.6	15.8

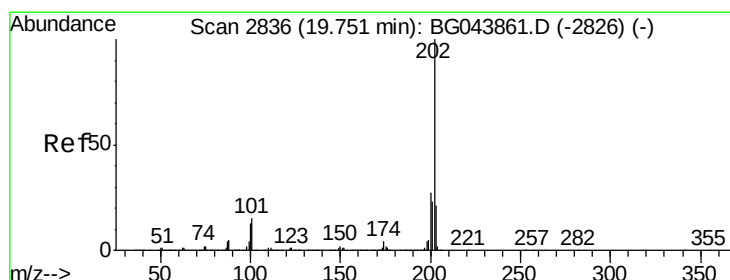
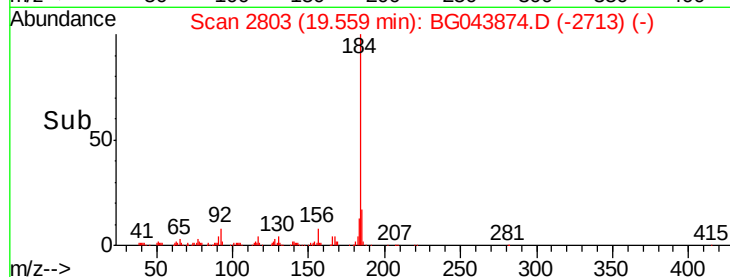
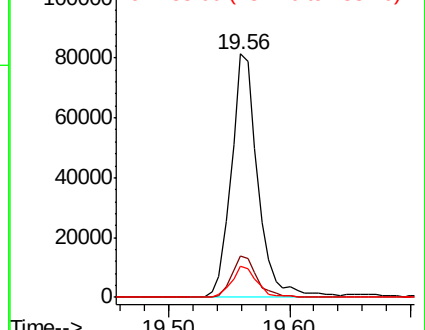


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 8.458 ng

RT: 19.75 min Scan# 2835

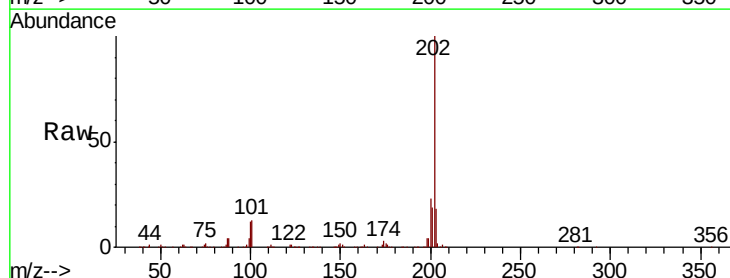
Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Tgt Ion:202 Resp: 392403

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

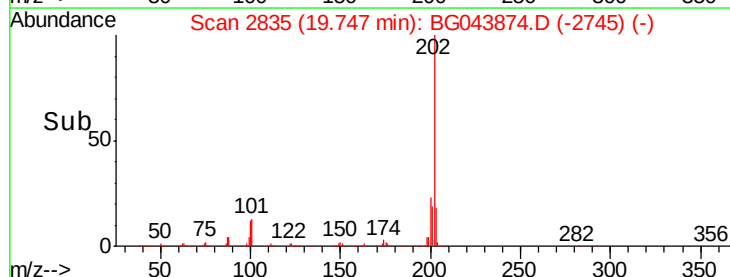
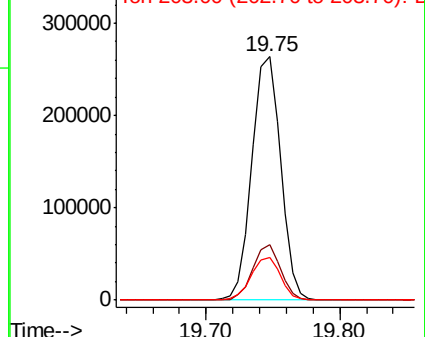


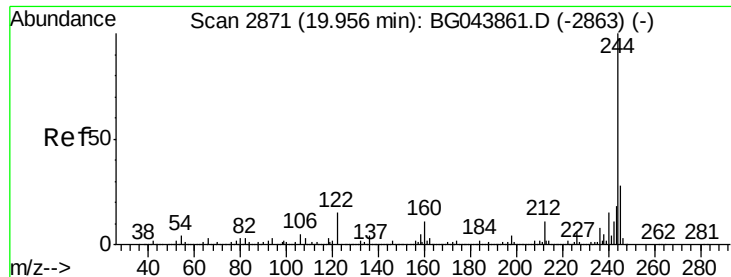
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 102.609 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

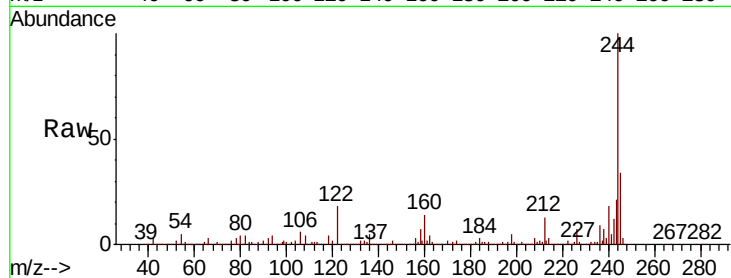
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 2869872

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

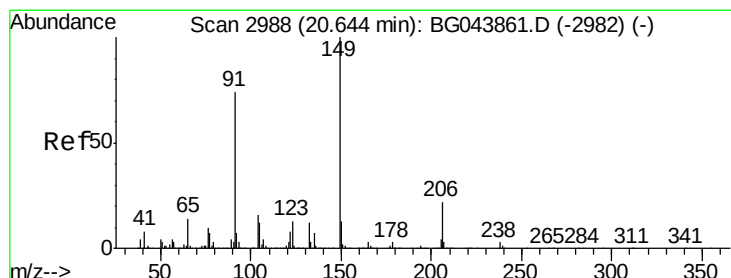
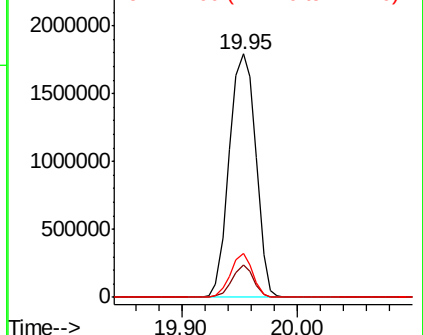
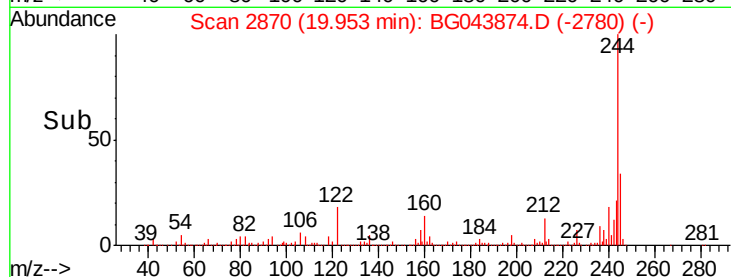


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 6.447 ng

RT: 20.64 min Scan# 2987

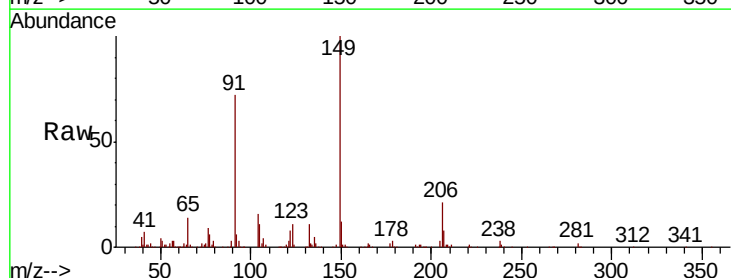
Delta R.T. -0.00 min

Lab File: BG043874.D

Acq: 2 Jan 2020 14:21

Tgt Ion:149 Resp: 142401

Ion	Ratio	Lower	Upper
149	100		
91	71.9	59.5	89.3
206	20.8	17.8	26.6

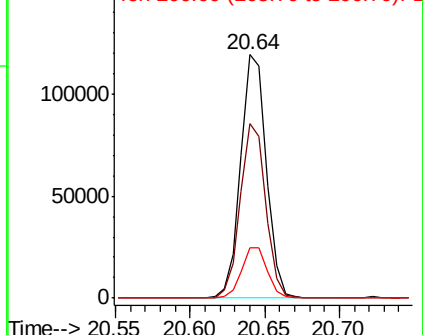
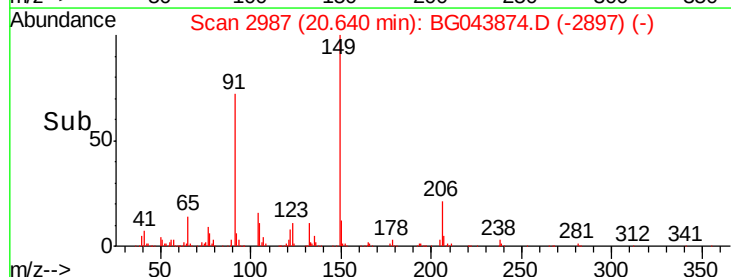


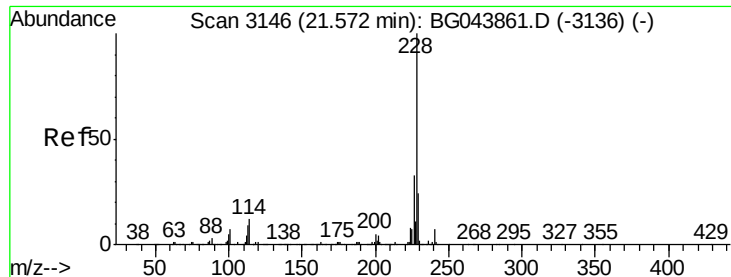
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 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

Instrument :

BNA_G

ClientSampleId :

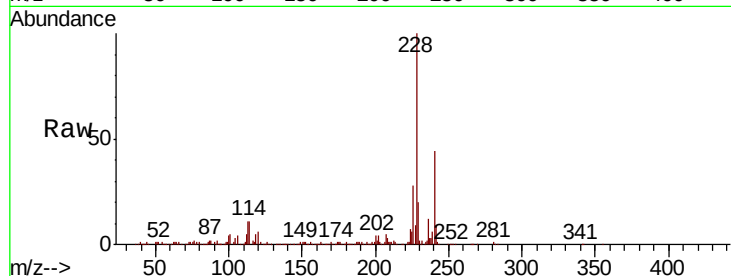
Tot Ion:228 Resp: 361326

Ion Ratio Lower Upper

228 100

226 28.1 26.2 39.4

229 20.4 18.9 28.3

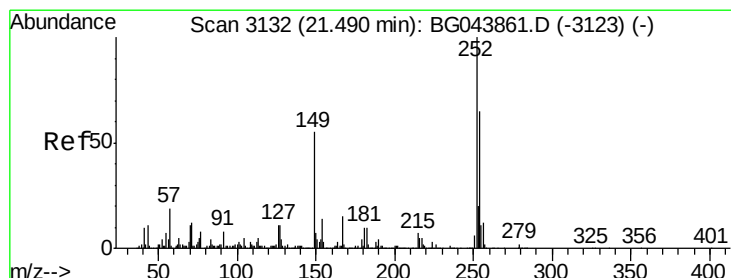
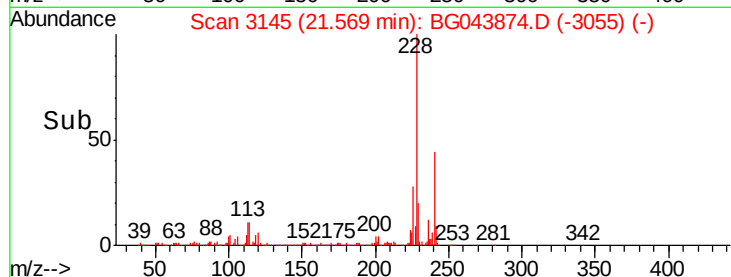
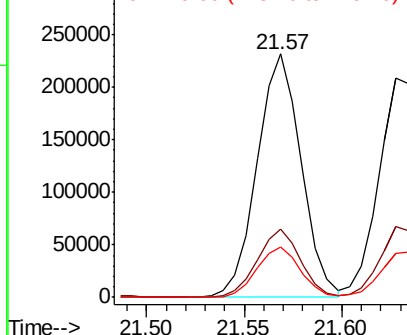


Abundance

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



#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

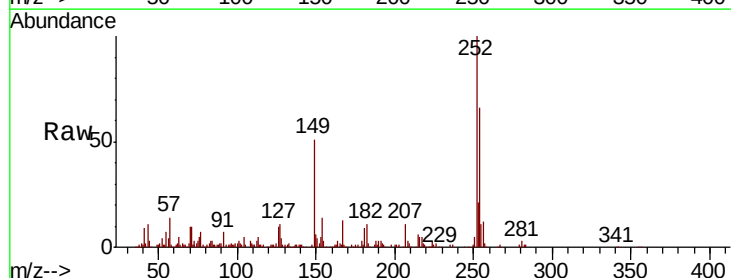
Tgt Ion:252 Resp: 130982

Ion Ratio Lower Upper

252 100

254 66.2 52.1 78.1

126 9.5 9.1 13.7

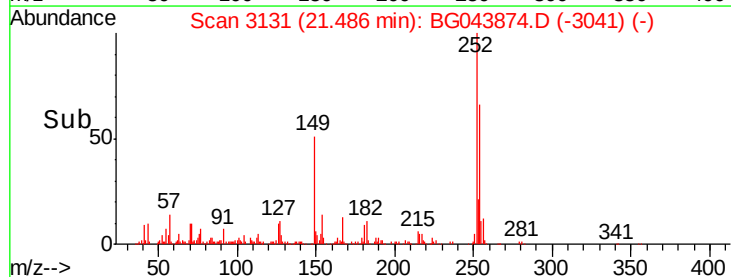
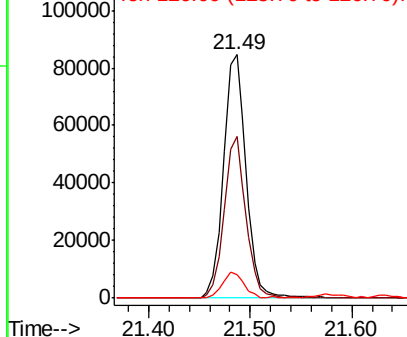


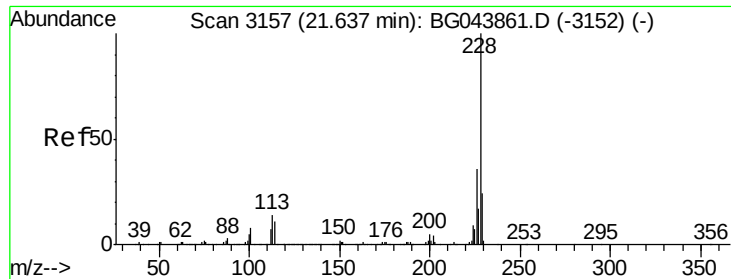
Abundance

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

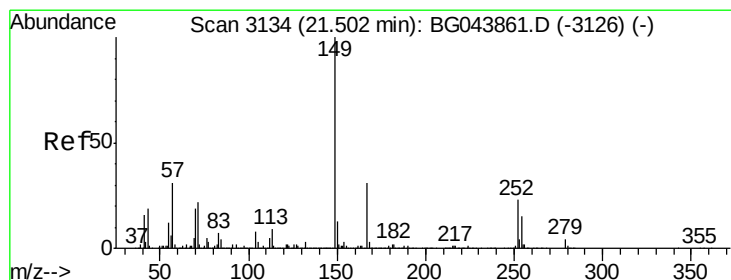
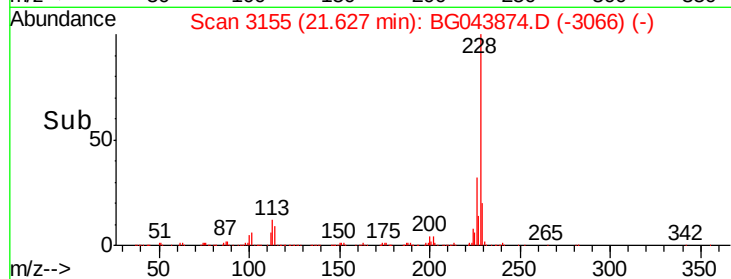
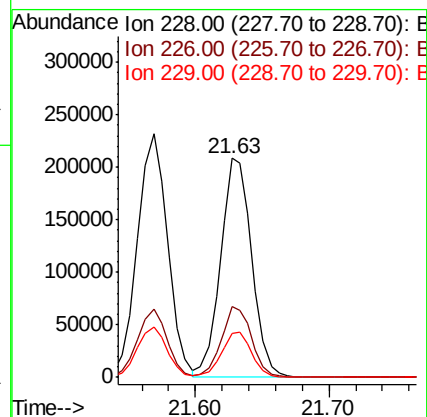
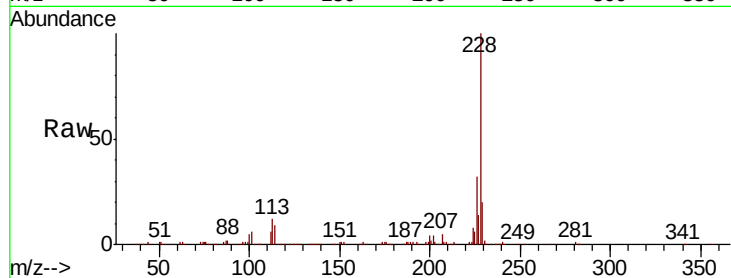




#83
Chrysene
Concen: 8.133 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

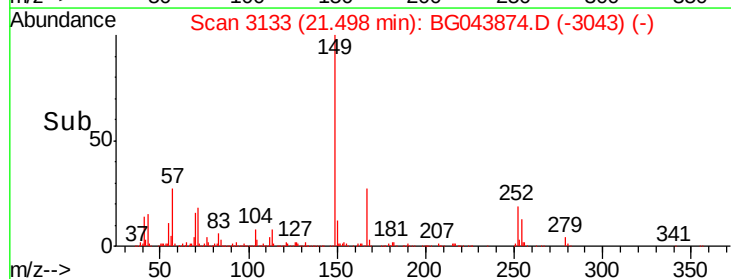
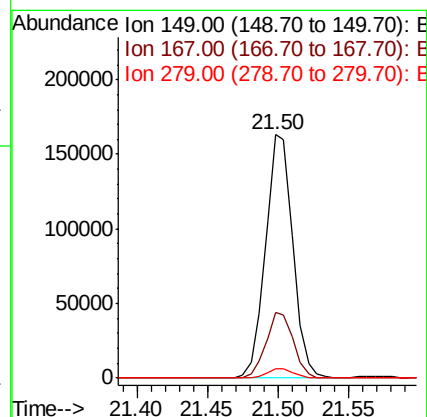
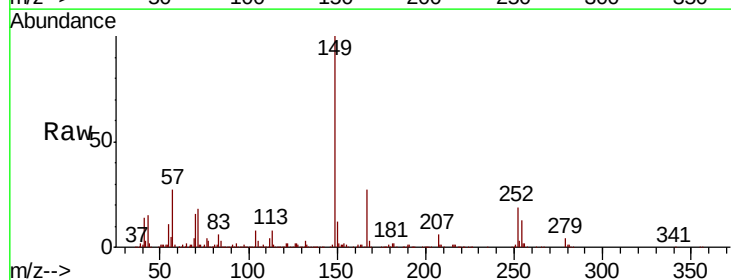
Instrument :
BNA_G
ClientSampleId :

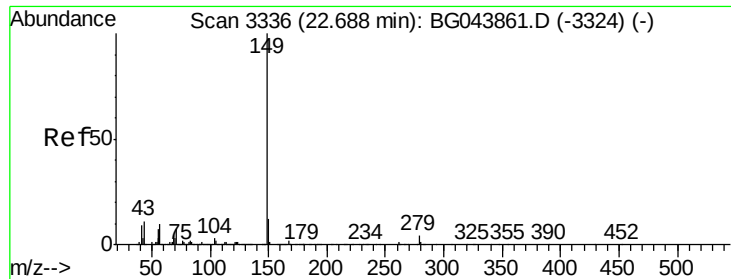
Tot Ion:228 Resp: 340618
Ion Ratio Lower Upper
228 100
226 32.5 28.8 43.2
229 20.3 19.0 28.6



#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

Tgt Ion:149 Resp: 222756
Ion Ratio Lower Upper
149 100
167 27.0 24.7 37.1
279 3.6 3.3 4.9





#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

Instrument :

BNA_G

ClientSampled :

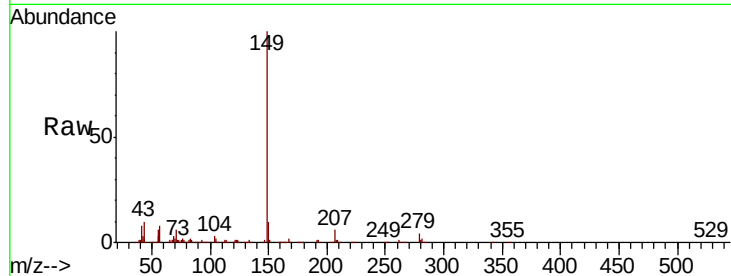
Tot Ion:149 Resp: 352817

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

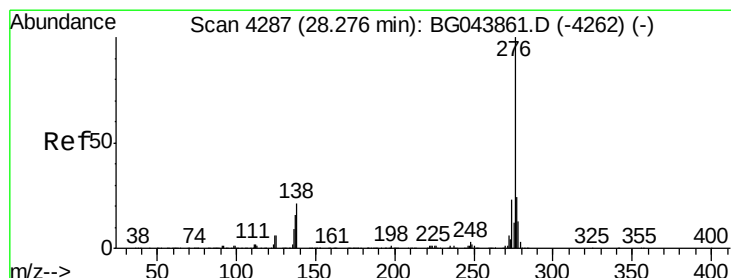
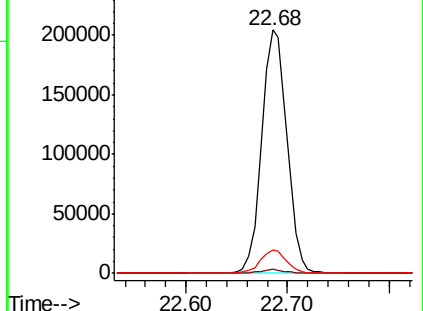
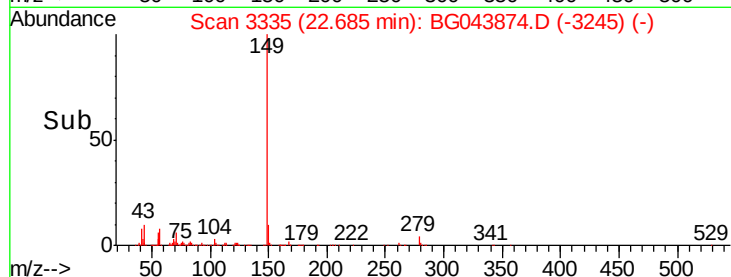
43 9.7 8.8 13.2



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): BGC



#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

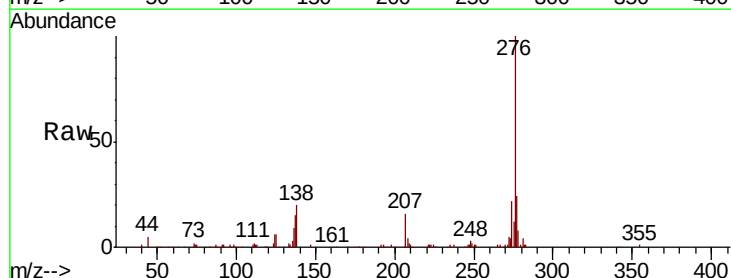
Tgt Ion:276 Resp: 389170

Ion Ratio Lower Upper

276 100

138 16.4 21.0 31.4#

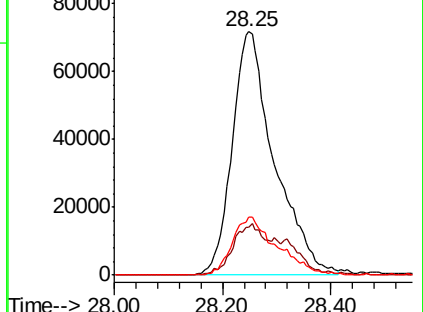
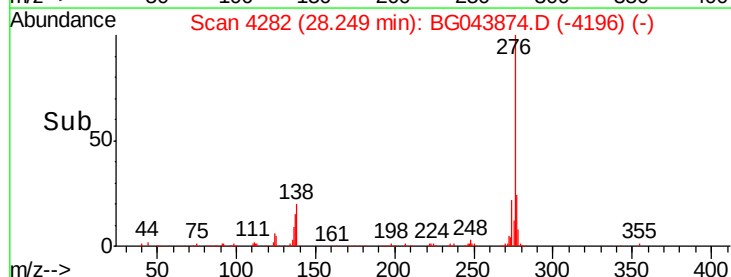
277 25.1 21.1 31.7

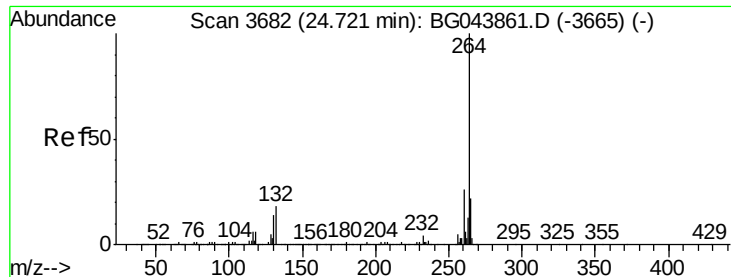


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-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

Instrument :

BNA_G

ClientSampleId :

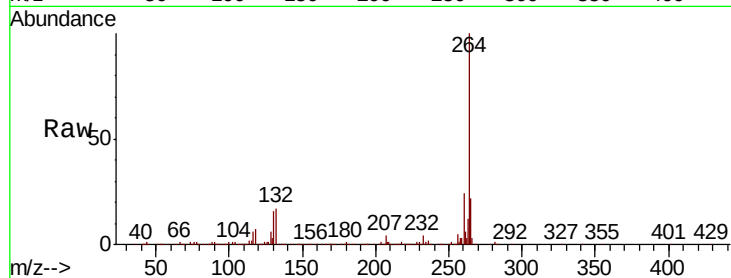
Tot Ion:264 Resp: 790925

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

264 100

260 24.3 20.4 30.6

265 21.7 17.4 26.2

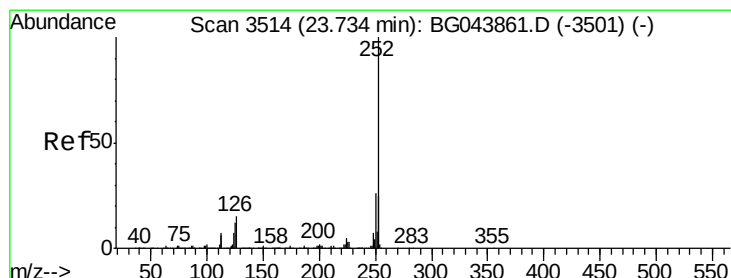
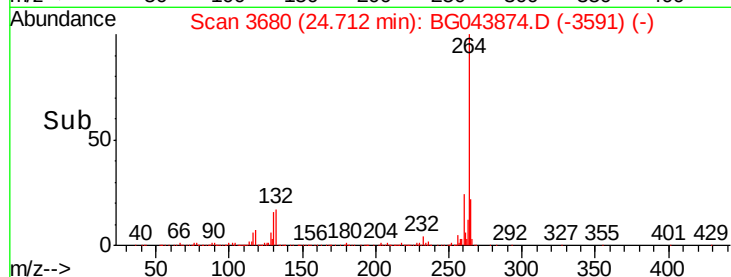
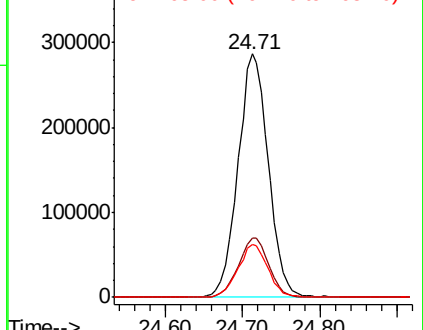


Abundance

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

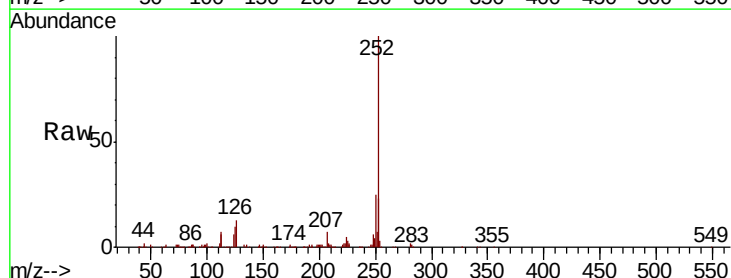
Tgt Ion:252 Resp: 344343

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

252 100

253 22.7 19.7 29.5

125 10.3 9.4 14.2

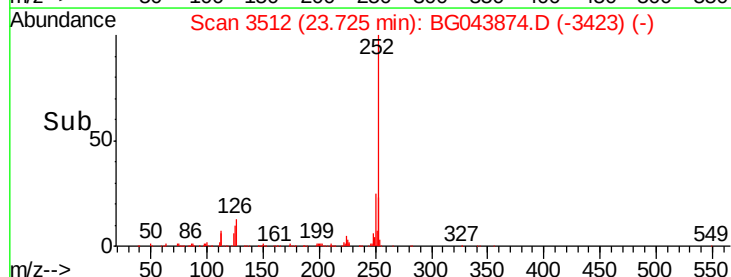
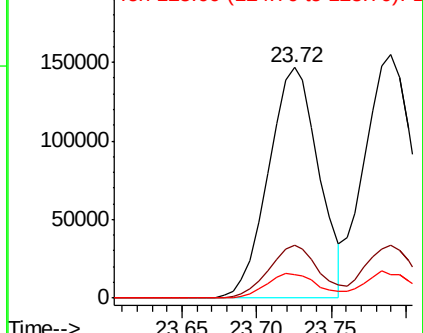


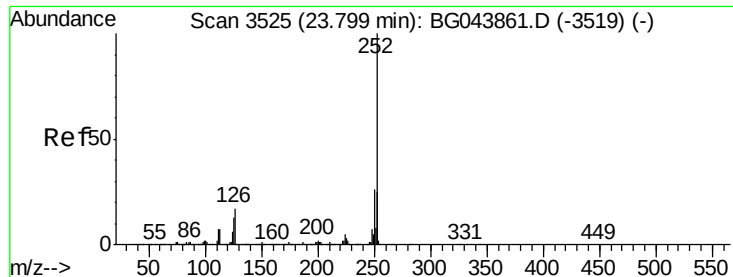
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

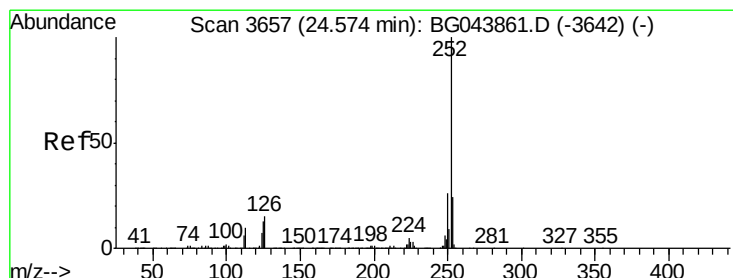
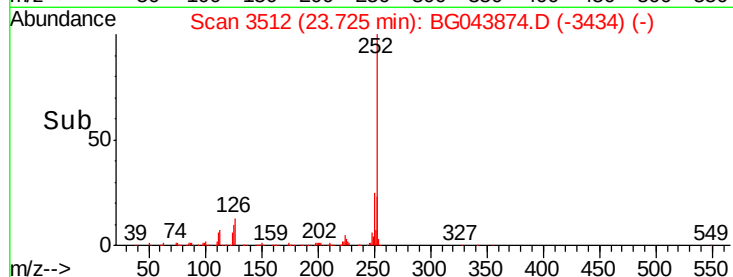
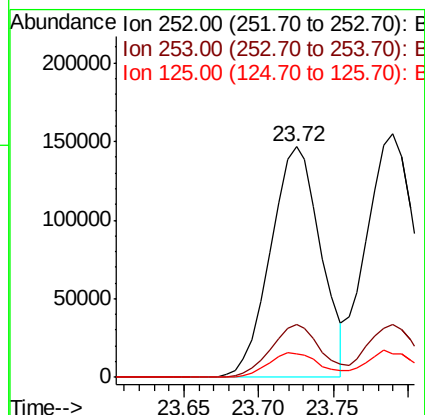
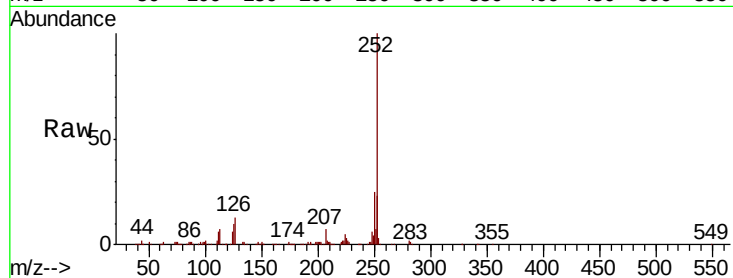




#89
Benzo(k)fluoranthene
Concen: 7.744 ng
RT: 23.72 min Scan# 3512
Delta R.T. -0.07 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

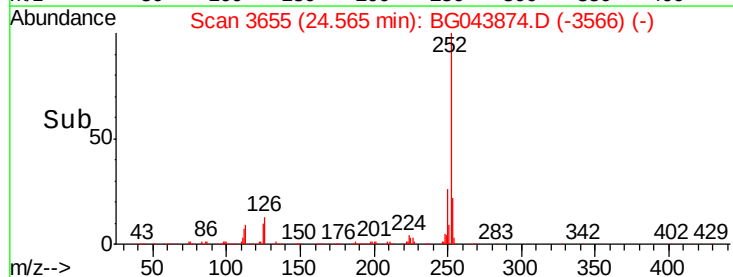
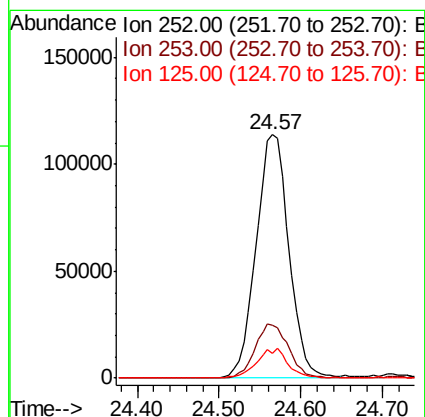
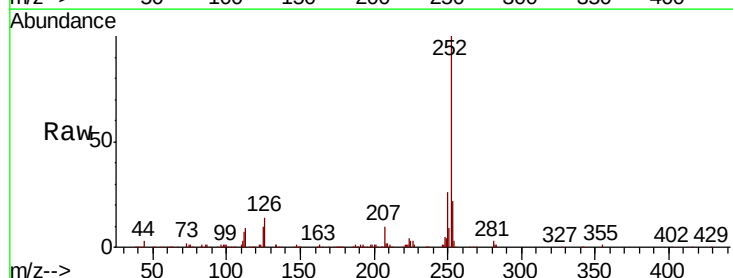
Instrument :
BNA_G
ClientSampleId :

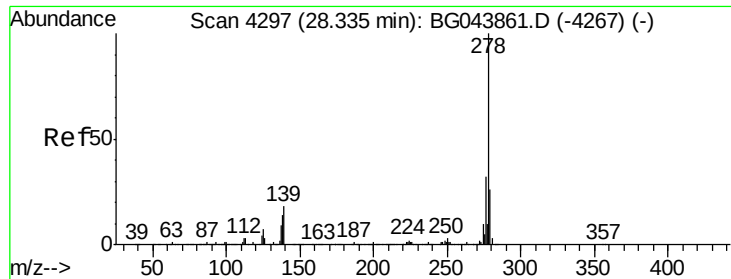
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.4	29.2
125	10.3	9.9	14.9



#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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.3	28.9
125	10.1	10.4	15.6

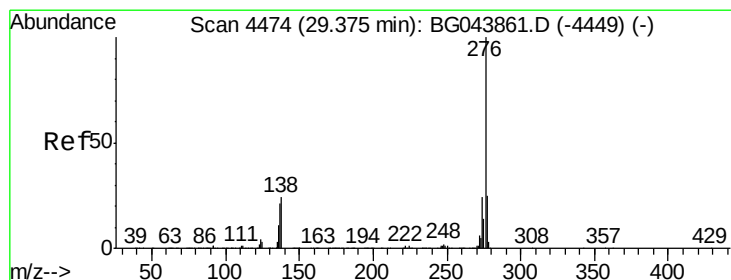
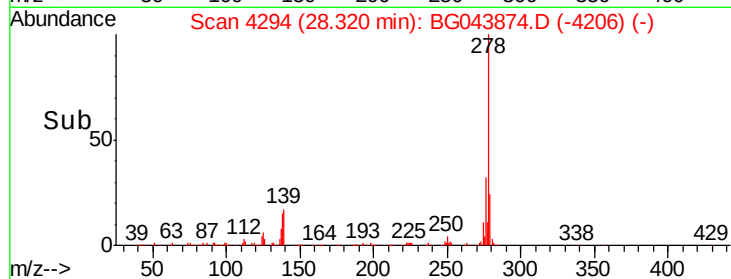
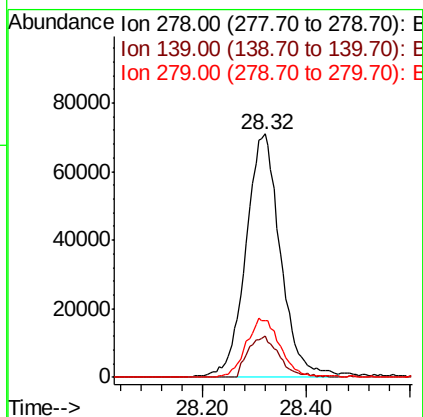
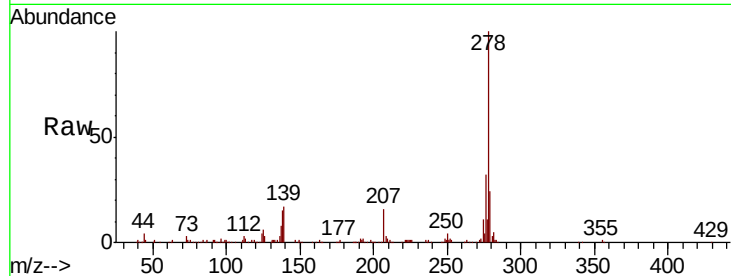




#91
Dibenzo(a,h)anthracene
Concen: 7.442 ng
RT: 28.32 min Scan# 4294
Delta R.T. -0.02 min
Lab File: BG043874.D
Acq: 2 Jan 2020 14:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	14.2	21.4
279	23.5	20.6	30.8



#92
Benzo(g,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

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

