

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
 Data File : BG043876.D
 Acq On : 2 Jan 2020 15:39
 Operator : JU
 Sample : K5111-07
 Misc : LOD-MDL WATER 5PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 02 16:27:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 16:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	115672	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	522386	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	351553	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	777812	20.00	ng	0.00
76) Chrysene-d12	21.58	240	697518	20.00	ng	0.00
87) Perylene-d12	24.72	264	766925	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	910037	144.45	ng	0.00
7) Phenol-d6	7.12	99	1264310	143.57	ng	0.00
23) Nitrobenzene-d5	9.12	82	963974	98.72	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	550549	149.65	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2083974	107.40	ng	0.00
79) Terphenyl-d14	19.95	244	2816537	97.48	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	14607	5.318	ng	93
3) Pyridine	3.84	79	37151	4.578	ng	# 90
4) n-Nitrosodimethylamine	3.75	42	16533	4.576	ng	# 94
6) Aniline	7.28	93	59981	5.186	ng	94
8) 2-Chlorophenol	7.52	128	39158	5.295	ng	93
9) Benzaldehyde	7.09	77	37837	6.713	ng	96
10) Phenol	7.15	94	47657	5.253	ng	92
11) bis(2-Chloroethyl)ether	7.38	93	40940	5.227	ng	97
12) 1,3-Dichlorobenzene	7.85	146	43115	4.982	ng	98
13) 1,4-Dichlorobenzene	8.00	146	43958	5.148	ng	94
14) 1,2-Dichlorobenzene	8.32	146	41416	5.053	ng	98
15) Benzyl Alcohol	8.19	79	33602	4.835	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.50	45	57753	4.766	ng	98
17) 2-Methylphenol	8.40	107	31890	4.857	ng	98
18) Hexachloroethane	9.05	117	16725	5.033	ng	91
19) n-Nitroso-di-n-propylamine	8.76	70	35173	5.363	ng	# 92
20) 3+4-Methylphenols	8.73	107	44656	4.875	ng	98
22) Acetophenone	8.78	105	63843	4.916	ng	# 97
24) Nitrobenzene	9.16	77	49042	5.071	ng	98
25) Isophorone	9.69	82	89770	4.900	ng	98
26) 2-Nitrophenol	9.87	139	17348	3.791	ng	# 87
27) 2,4-Dimethylphenol	9.93	122	34972	5.077	ng	95
28) bis(2-Chloroethoxy)methane	10.17	93	59264	4.852	ng	98
29) 2,4-Dichlorophenol	10.41	162	36126	4.397	ng	96
30) 1,2,4-Trichlorobenzene	10.63	180	44725	4.855	ng	98
31) Naphthalene	10.81	128	137121	5.424	ng	96
33) 4-Chloroaniline	10.91	127	56222	4.663	ng	96
34) Hexachlorobutadiene	11.11	225	25472	4.529	ng	94
35) Caprolactam	11.64	113	13879	4.538	ng	# 79
36) 4-Chloro-3-methylphenol	12.04	107	38866	4.444	ng	98
37) 2-Methylnaphthalene	12.42	142	103857	5.457	ng	95
38) 1-Methylnaphthalene	12.42	142	103857	5.758	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	51172	4.966	ng	99
41) Hexachlorocyclopentadiene	12.78	237	24010	4.495	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.03	196	28686	4.046	ng	91
44) 2,4,5-Trichlorophenol	13.09	196	32909	4.500	ng	96
46) 1,1'-Biphenyl	13.43	154	133364	5.291	ng	95
47) 2-Chloronaphthalene	13.47	162	101964	5.006	ng	94
48) 2-Nitroaniline	13.66	65	25542	3.898	ng	94
49) Acenaphthylene	14.32	152	163598	5.588	ng	# 92
50) Dimethylphthalate	14.05	163	135507	5.429	ng	97
51) 2,6-Dinitrotoluene	14.16	165	26397	4.679	ng	98
52) Acenaphthene	14.66	154	102372	4.986	ng	96
53) 3-Nitroaniline	14.48	138	26487	4.134	ng	# 94
55) Dibenzofuran	14.99	168	163625	5.790	ng	93
56) 4-Nitrophenol	14.79	139	18028	3.672	ng	90
57) 2,4-Dinitrotoluene	14.94	165	32148	4.188	ng	95
58) Fluorene	15.64	166	130674	5.834	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	29517	4.694	ng	94
60) Diethylphthalate	15.41	149	141268	5.658	ng	# 94
61) 4-Chlorophenyl-phenylether	15.63	204	66580	5.474	ng	92
62) 4-Nitroaniline	15.64	138	28421	4.492	ng	94
63) Azobenzene	15.93	77	128773	5.562	ng	95
65) 4,6-Dinitro-2-methylphenol	15.71	198	10365	2.740	ng	93
66) n-Nitrosodiphenylamine	15.84	169	116190	5.073	ng	96
67) 4-Bromophenyl-phenylether	16.52	248	39719	4.540	ng	96
68) Hexachlorobenzene	16.65	284	44494	4.720	ng	94
69) Atrazine	16.79	200	33981	4.564	ng	98
70) Pentachlorophenol	16.99	266	13085	2.518	ng	99
71) Phenanthrene	17.38	178	211324	5.664	ng	94
72) Anthracene	17.46	178	209817	5.691	ng	94
73) Carbazole	17.73	167	190299	5.587	ng	93
74) Di-n-butylphthalate	18.31	149	224066	5.153	ng	# 94
75) Fluoranthene	19.39	202	241560	5.662	ng	93
77) Benzidine	19.56	184	86558	4.937	ng	98
78) Pyrene	19.74	202	253074	5.558	ng	92
80) Butylbenzylphthalate	20.64	149	86087	3.971	ng	93
81) Benzo(a)anthracene	21.57	228	234539	5.423	ng	94
82) 3,3'-Dichlorobenzidine	21.48	252	78996	4.623	ng	98
83) Chrysene	21.63	228	222393	5.411	ng	91
84) Bis(2-ethylhexyl)phthalate	21.50	149	139042	4.649	ng	# 92
85) Di-n-octyl phthalate	22.69	149	215872	4.293	ng	99
86) Indeno(1,2,3-cd)pyrene	28.25	276	246866	4.420	ng	# 81
88) Benzo(b)fluoranthene	23.72	252	219737	4.847	ng	97
89) Benzo(k)fluoranthene	23.72	252	219737	5.097	ng	96
90) Benzo(a)pyrene	24.56	252	201910	4.718	ng	97
91) Dibenzo(a,h)anthracene	28.32	278	204764	4.765	ng	97
92) Benzo(g,h,i)perylene	29.35	276	202972	4.755	ng	95

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

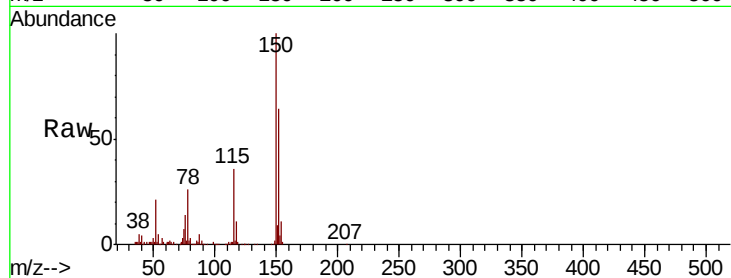


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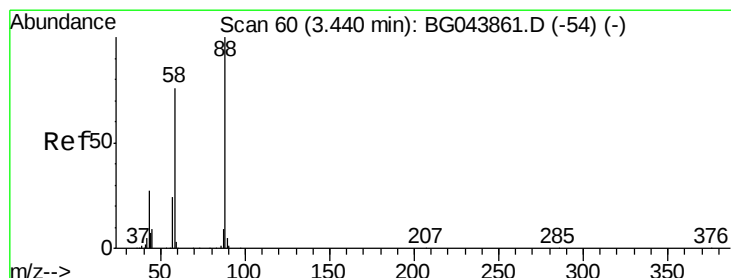
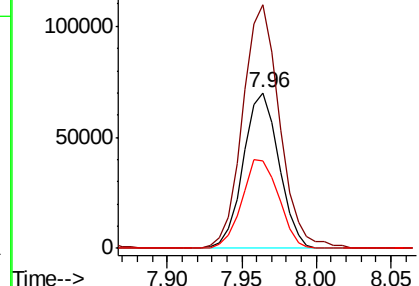
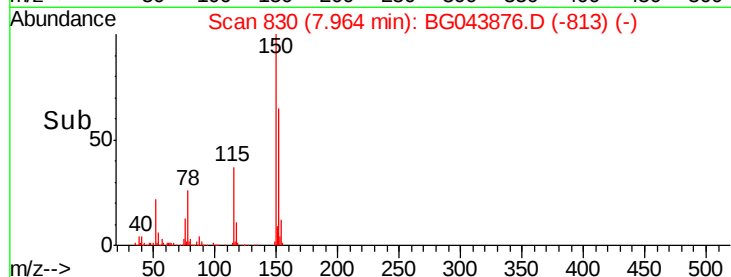
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 115672
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.4
115 56.6 47.8 71.8



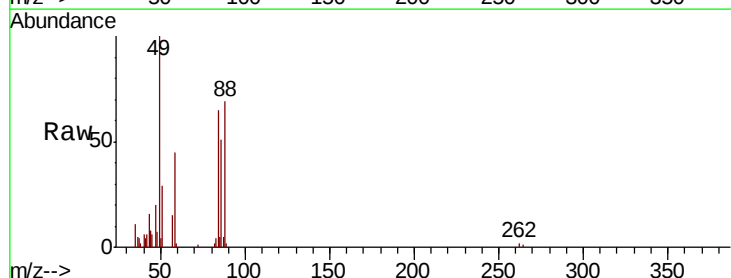
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



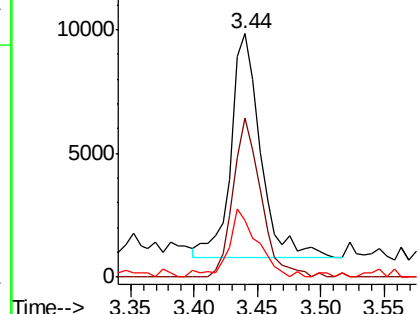
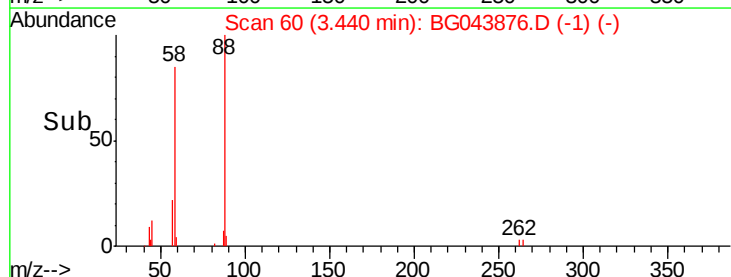
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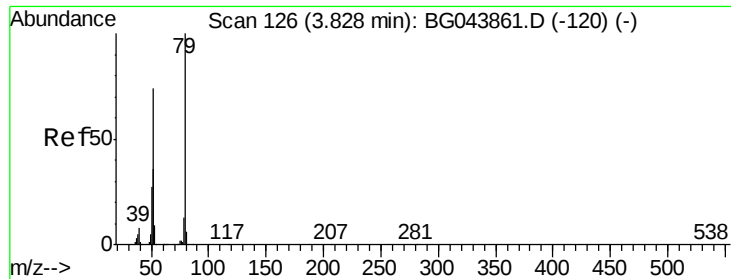
1,4-Dioxane
Concen: 5.318 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.00 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Tgt Ion: 88 Resp: 14607
Ion Ratio Lower Upper
88 100
58 67.0 59.8 89.8
43 30.2 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: 4.578 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Instrument :

BNA_G

ClientSampled :

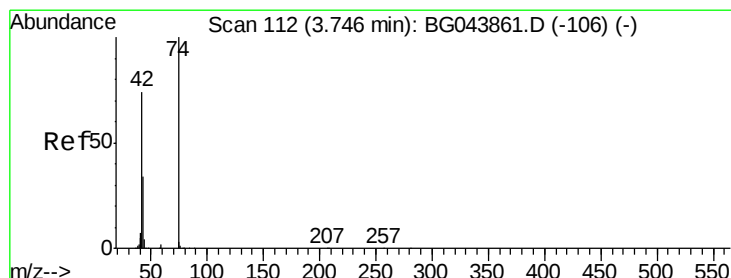
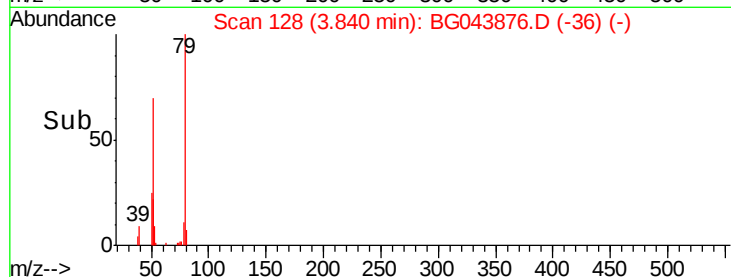
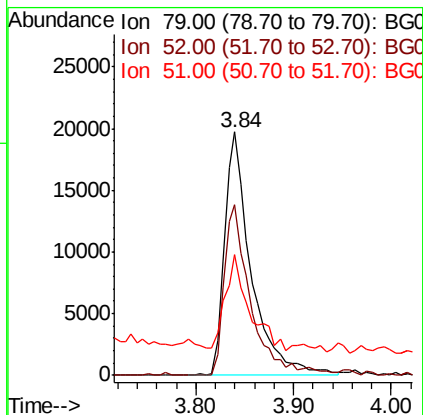
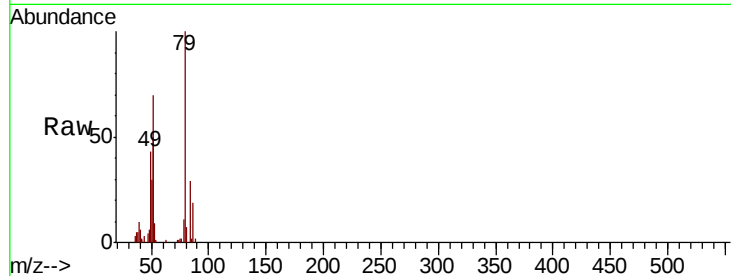
Tot Ion: 79 Resp: 37151

Ion Ratio Lower Upper

79 100

52 70.3 58.9 88.3

51 49.7 28.6 43.0#



#4

n-Nitrosodimethylamine

Concen: 4.576 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

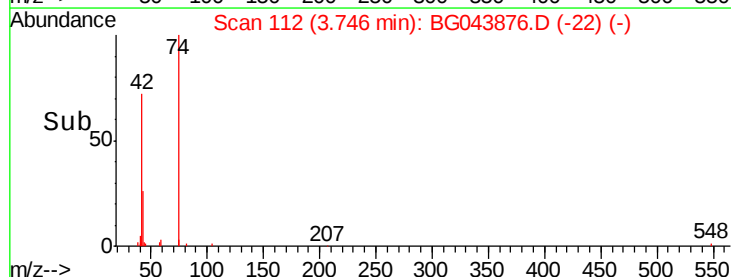
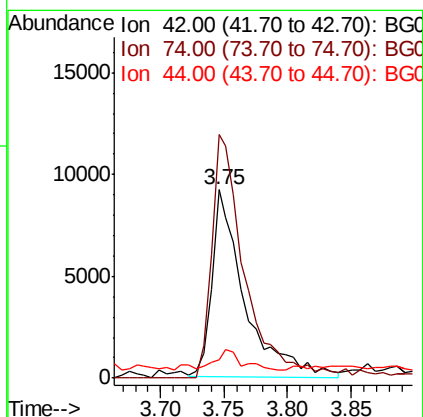
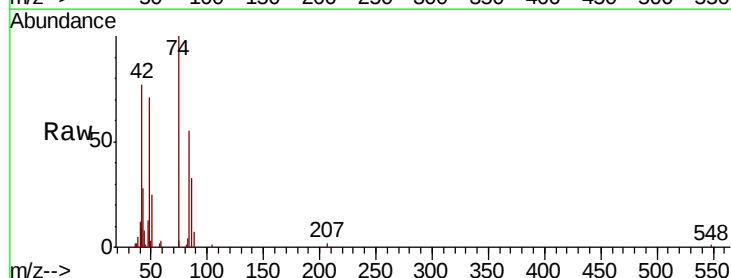
Tgt Ion: 42 Resp: 16533

Ion Ratio Lower Upper

42 100

74 129.2 108.6 162.8

44 9.9 5.0 7.6#





#5

2-Fluorophenol

Concen: 144.455 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Instrument :

BNA_G

ClientSampleId :

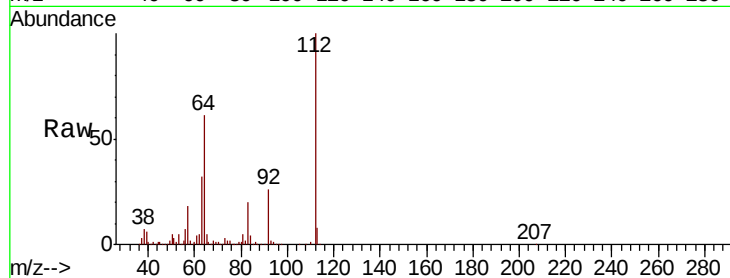
Tot Ion:112 Resp: 910037

Ion Ratio Lower Upper

112 100

64 61.2 47.8 71.6

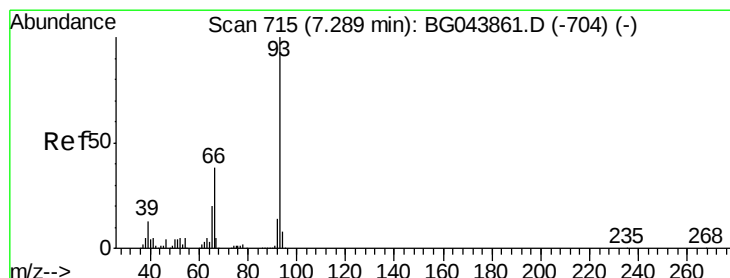
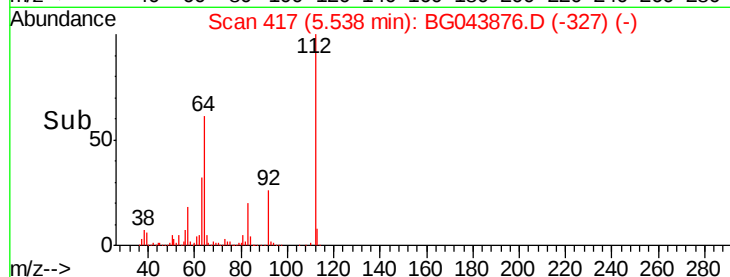
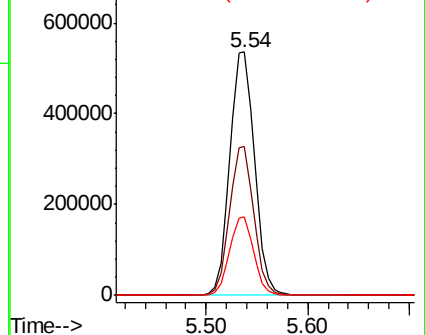
63 32.1 24.3 36.5



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: 5.186 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

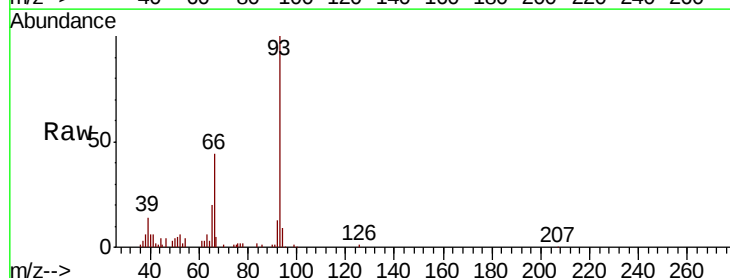
Tgt Ion: 93 Resp: 59981

Ion Ratio Lower Upper

93 100

66 43.8 30.8 46.2

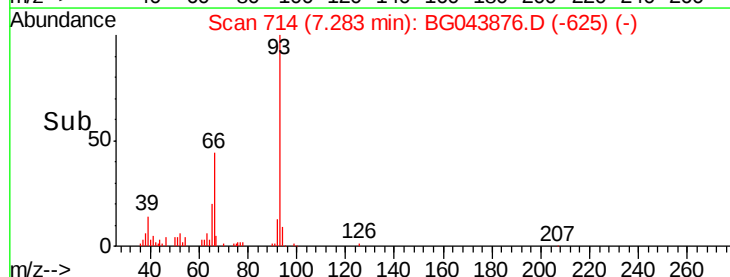
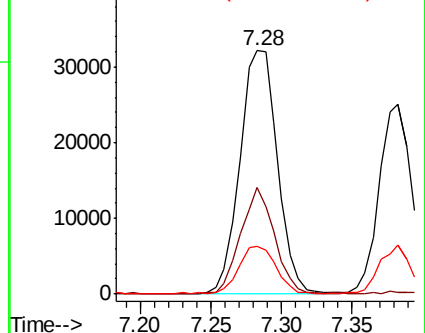
65 19.9 16.0 24.0

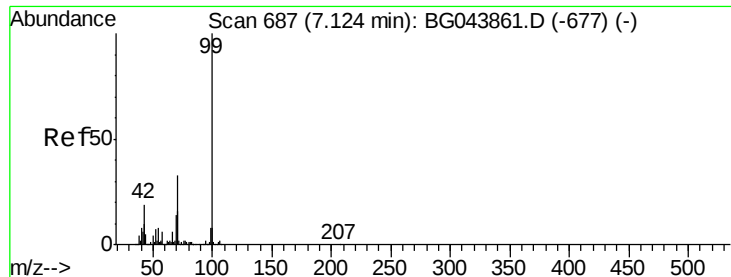


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 143.574 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Instrument :

BNA_G

ClientSampleId :

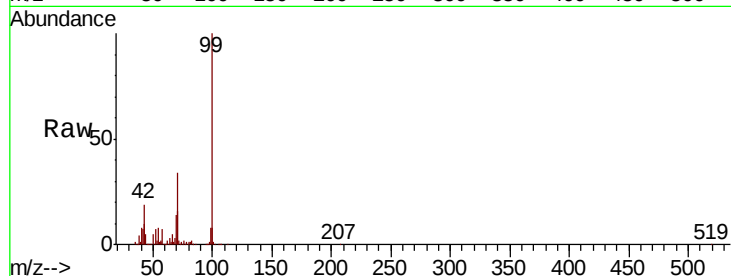
Tot Ion: 99 Resp: 1264310

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.9	22.3
71	33.5	26.4	39.6

99 100

42 19.2 14.9 22.3

71 33.5 26.4 39.6

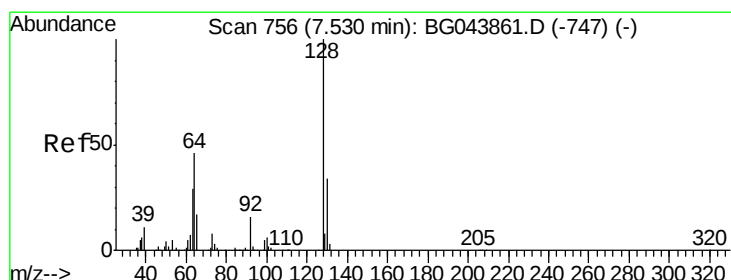
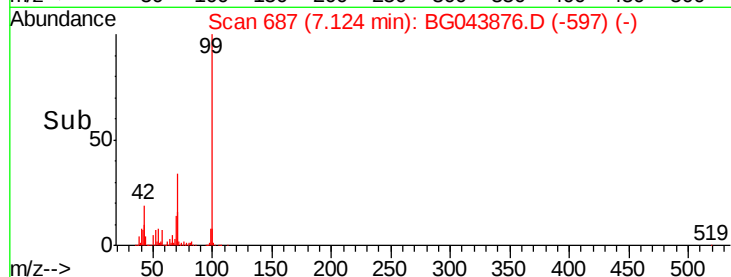
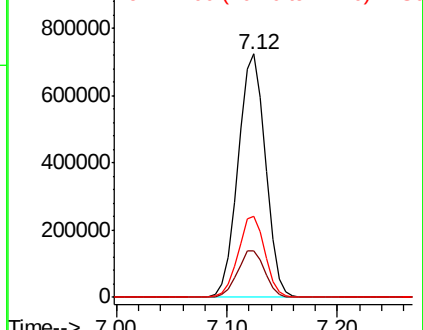


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 5.295 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

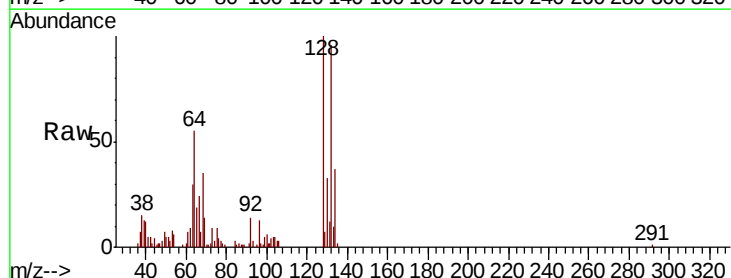
Tgt Ion:128 Resp: 39158

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.8	53.8
64	55.3	27.6	67.6

128 100

130 33.0 13.8 53.8

64 55.3 27.6 67.6

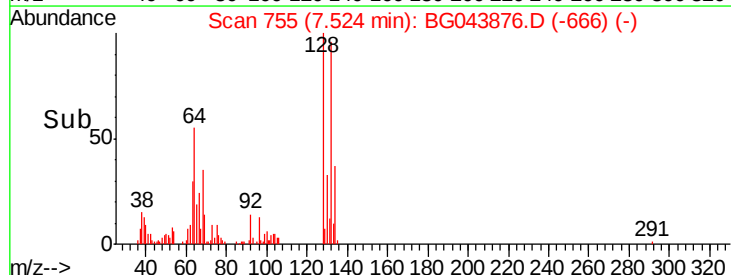
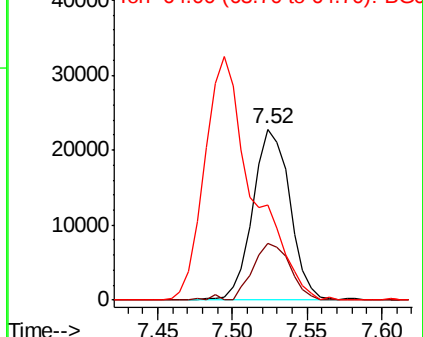


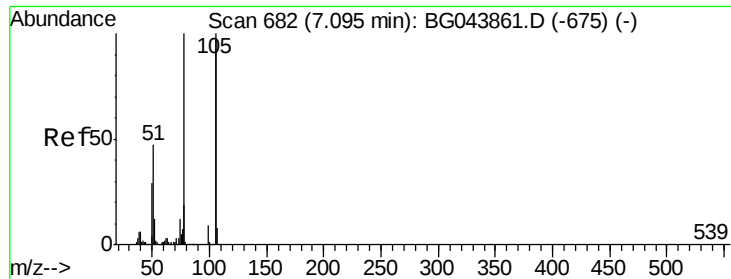
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 6.713 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Instrument :

BNA_G

ClientSampled :

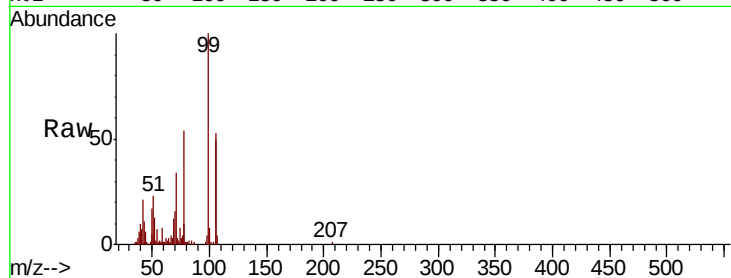
Tot Ion: 77 Resp: 37837

Ion Ratio Lower Upper

77 100

105 92.3 80.2 120.2

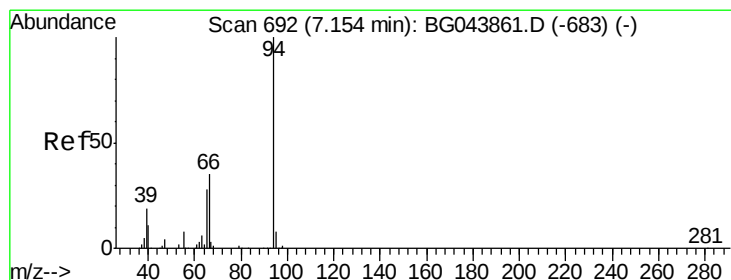
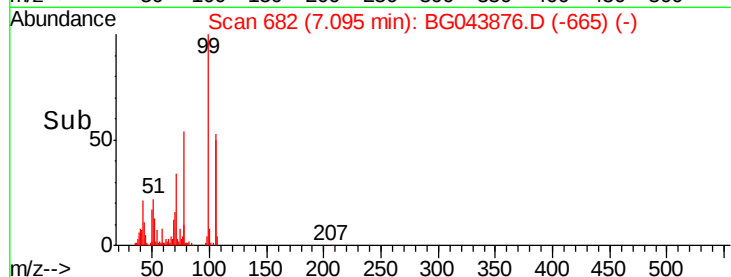
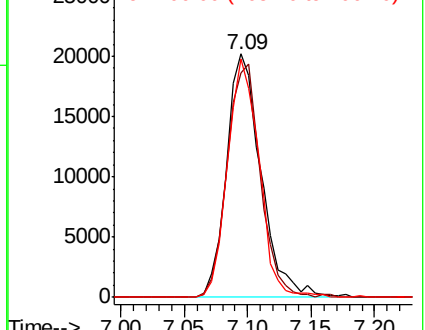
106 98.0 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 5.253 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

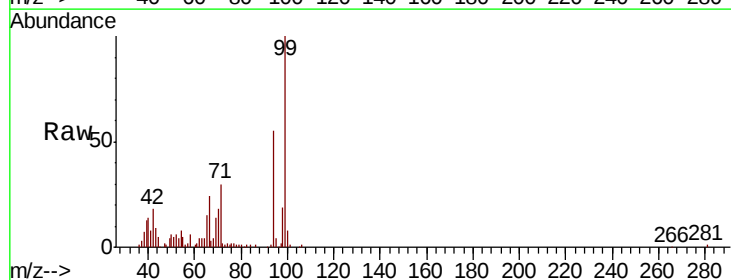
Tgt Ion: 94 Resp: 47657

Ion Ratio Lower Upper

94 100

65 26.5 8.1 48.1

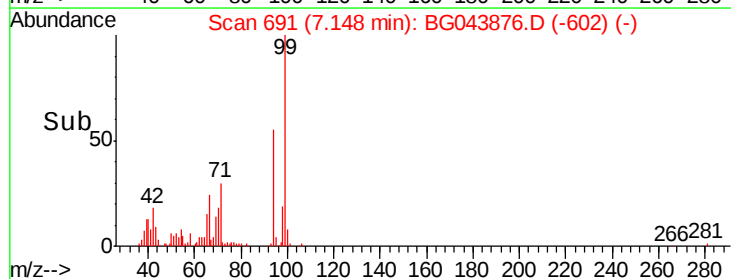
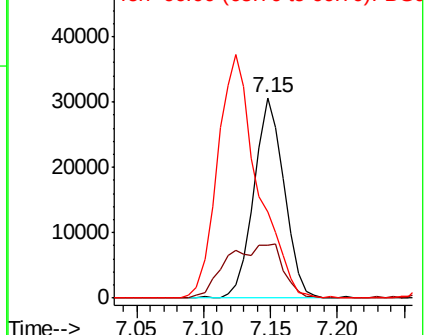
66 43.0 15.6 55.6

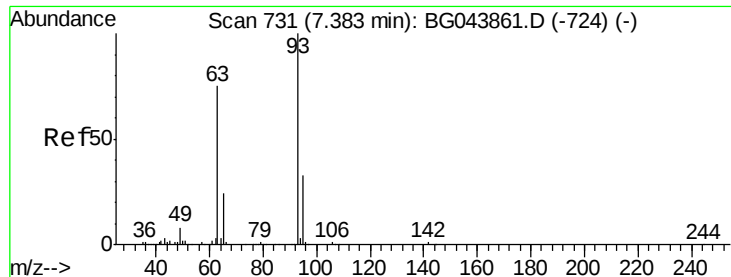


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

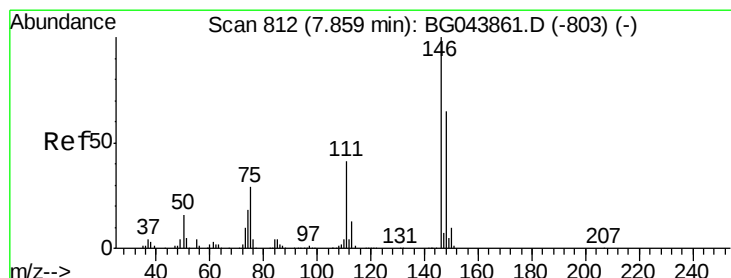
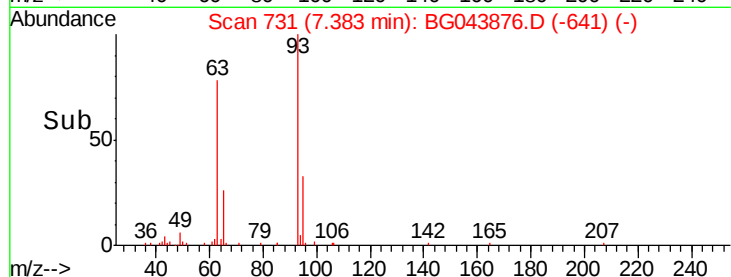
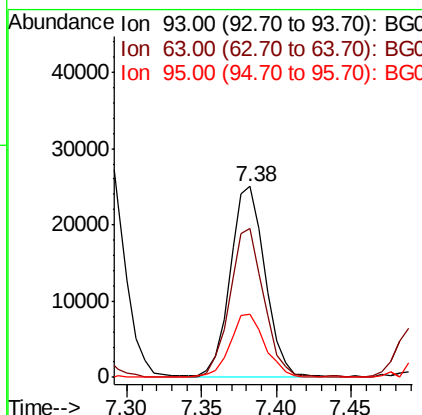
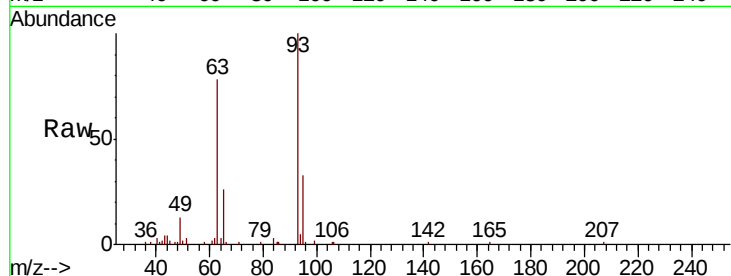




#11
bis(2-Chloroethyl)ether
Concen: 5.227 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

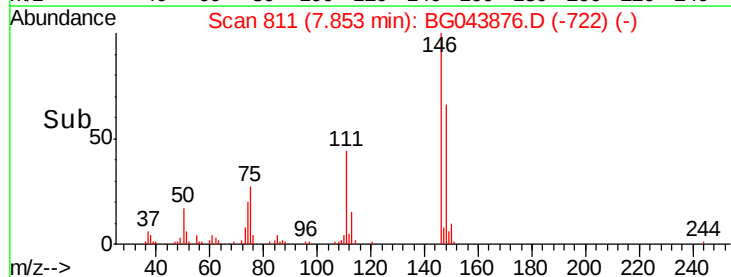
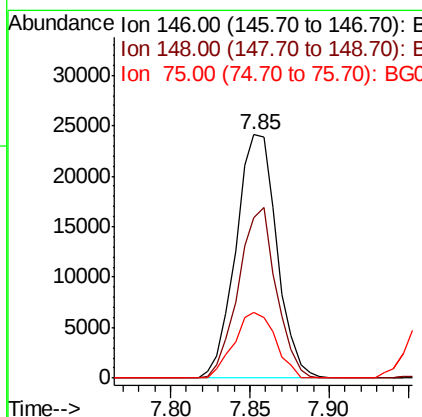
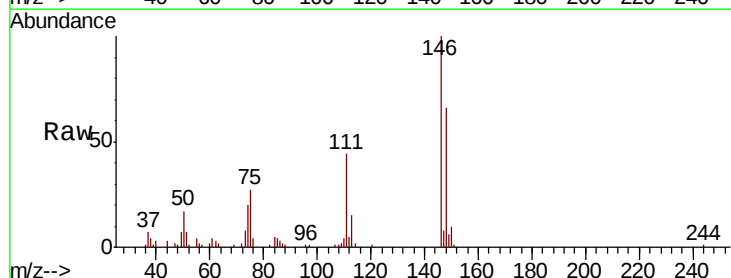
Instrument :
BNA_G
ClientSampleId :

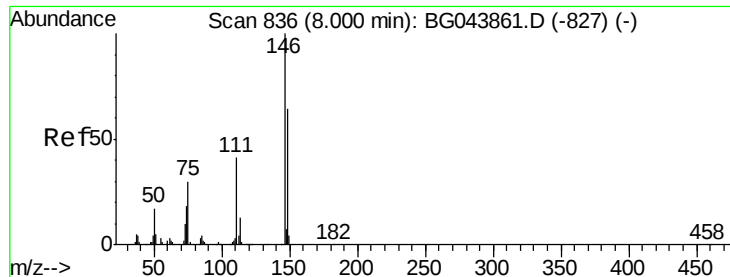
Tot Ion	93	Resp	40940
Ion	Ratio	Lower	Upper
93	100		
63	78.0	55.0	95.0
95	33.4	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 4.982 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Tgt Ion	146	Resp	43115
Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.1	78.1
75	26.9	23.0	34.4

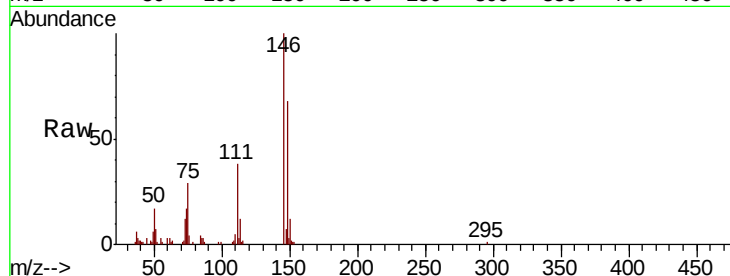




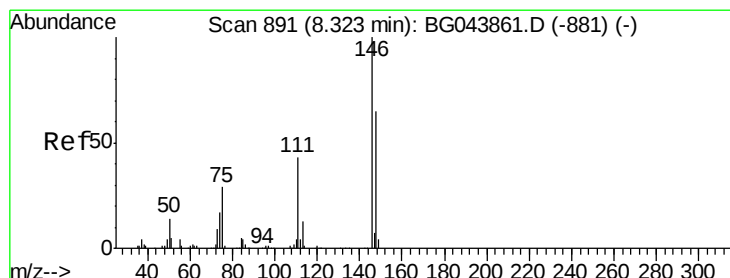
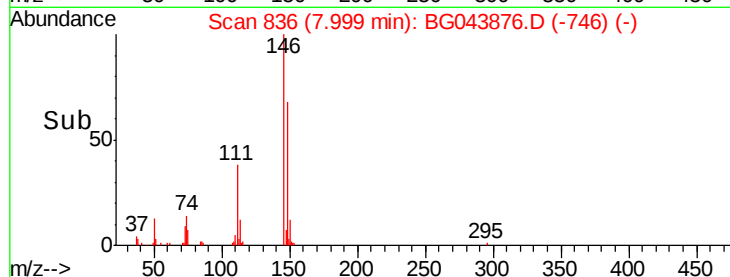
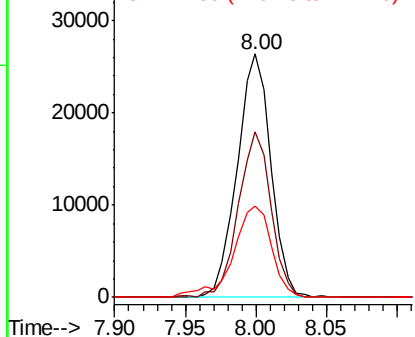
#13
1,4-Dichlorobenzene
Concen: 5.148 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 43958
Ion Ratio Lower Upper
146 100
148 68.2 51.2 76.8
111 37.7 33.1 49.7

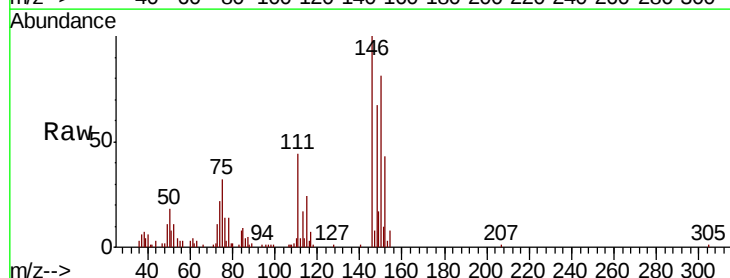


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

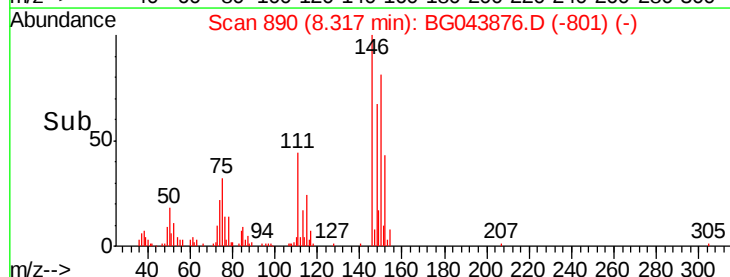
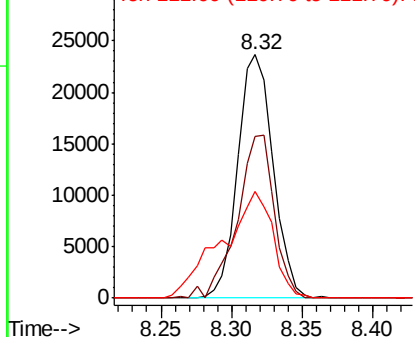


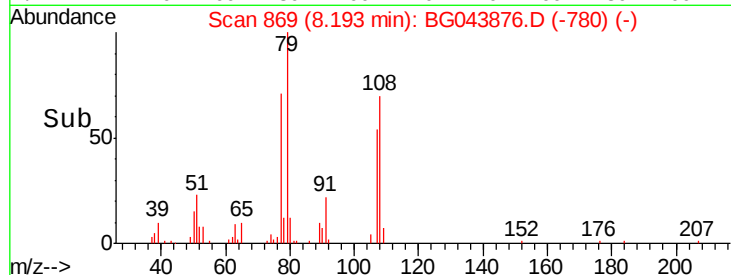
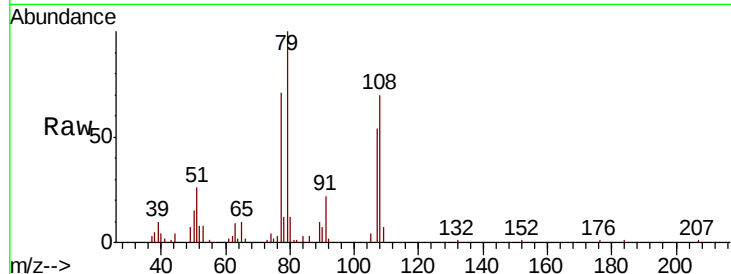
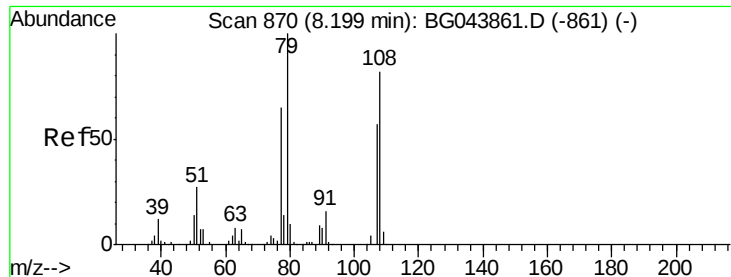
#14
1,2-Dichlorobenzene
Concen: 5.053 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Tgt Ion:146 Resp: 41416
Ion Ratio Lower Upper
146 100
148 66.6 51.7 77.5
111 44.0 34.4 51.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

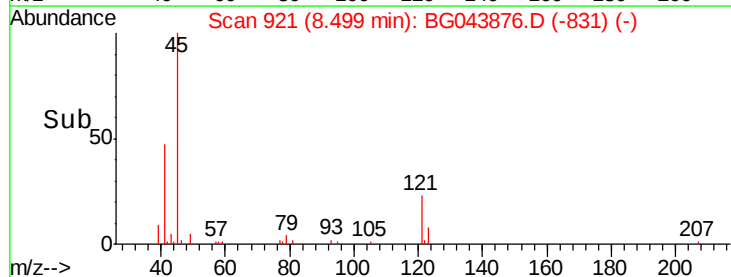
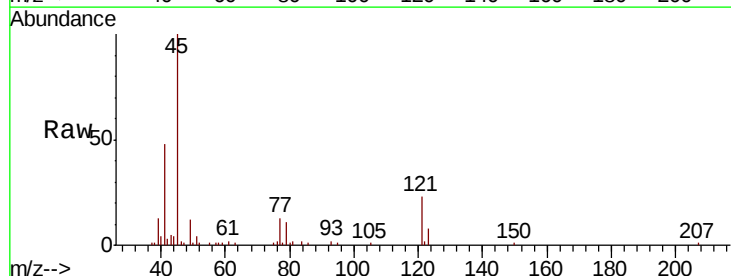
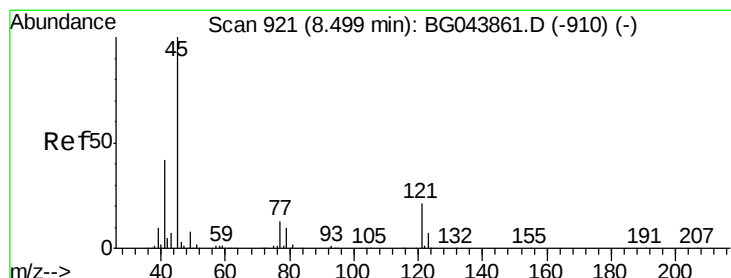
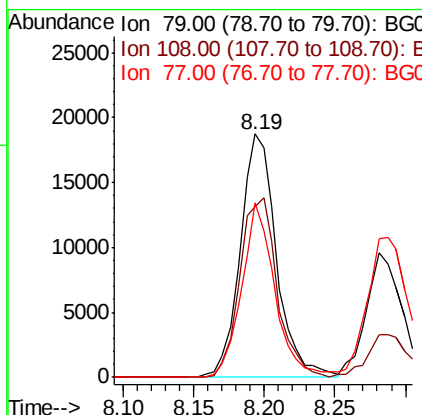




#15
Benzyl Alcohol
Concen: 4.835 ng
RT: 8.19 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

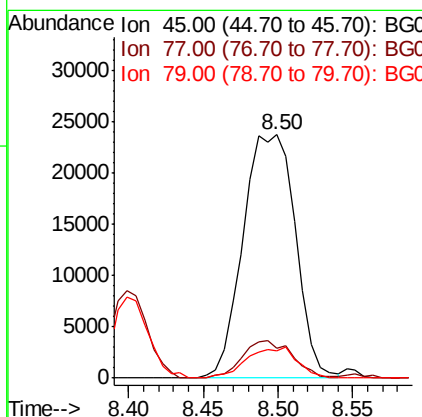
Instrument :
BNA_G
ClientSampled :

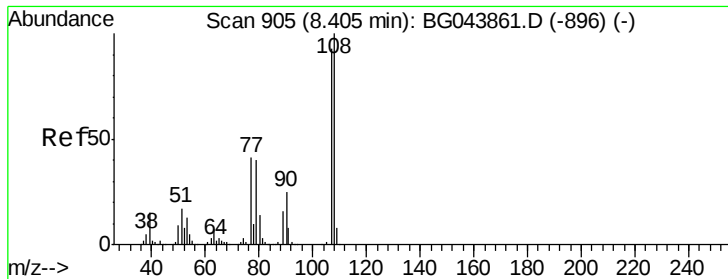
Tot Ion: 79 Resp: 33602
Ion Ratio Lower Upper
79 100
108 70.1 65.6 98.4
77 71.5 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.766 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.00 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Tgt Ion: 45 Resp: 57753
Ion Ratio Lower Upper
45 100
77 12.5 0.0 33.8
79 11.0 0.0 31.0

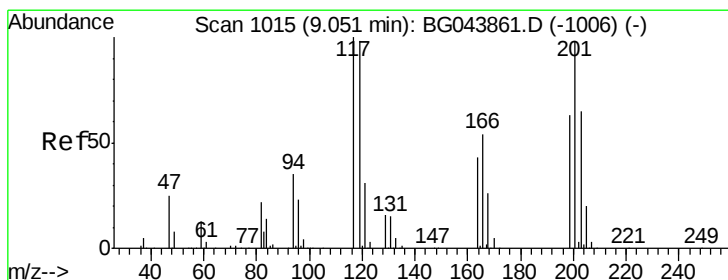
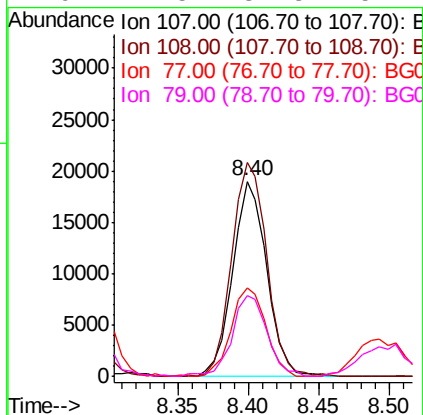
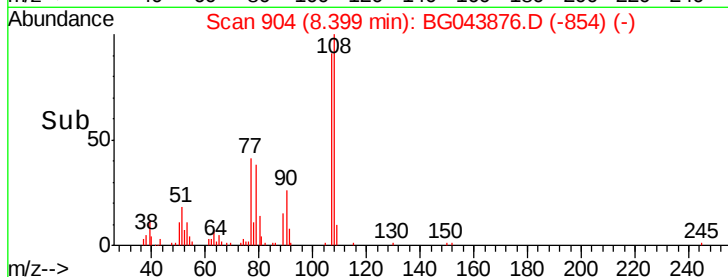
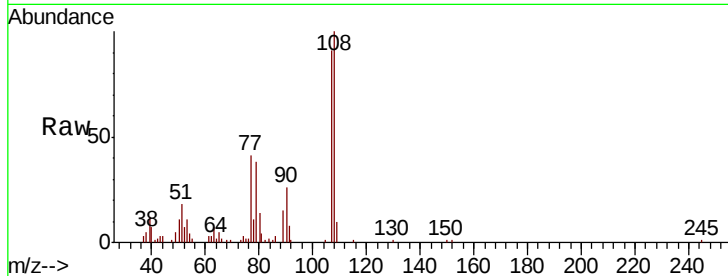




#17
2-Methylphenol
Concen: 4.857 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

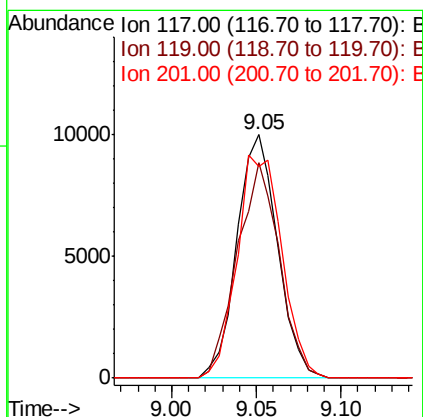
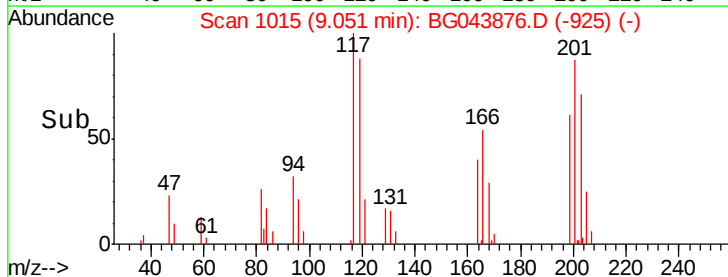
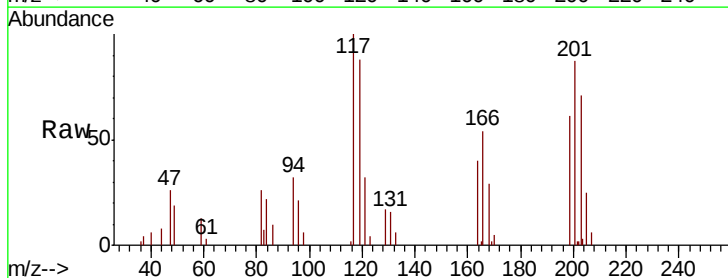
Instrument :
BNA_G
ClientSampleId :

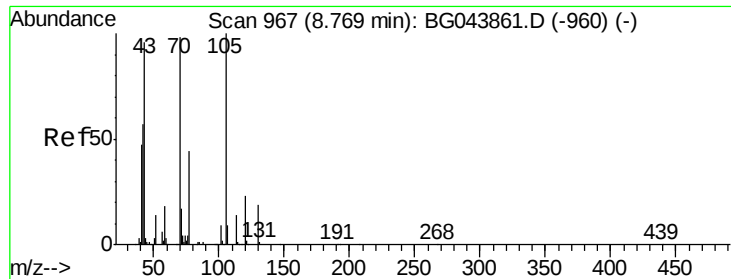
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.5	86.1	129.1
77	45.1	35.4	53.0
79	41.5	34.8	52.2



#18
Hexachloroethane
Concen: 5.033 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.3	78.1	117.1
201	89.3	78.6	117.8

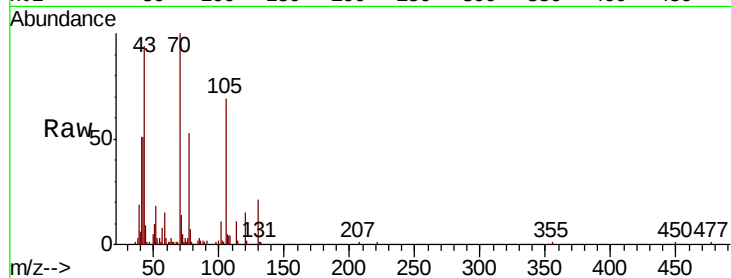




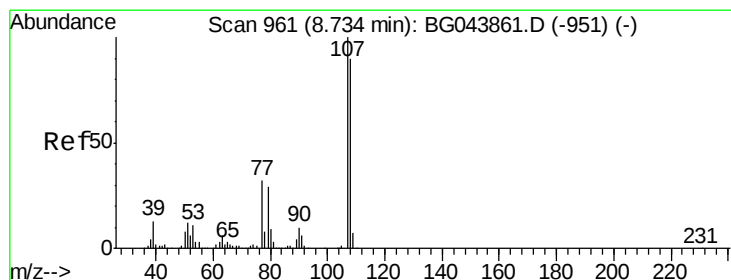
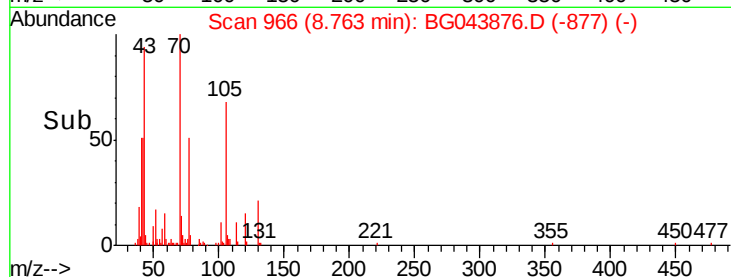
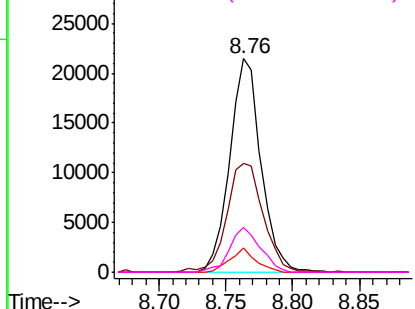
#19
n-Nitroso-di-n-propylamine
Concen: 5.363 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	35173
Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.0	70.4
101	11.2	7.2	10.8
130	21.3	15.6	23.4

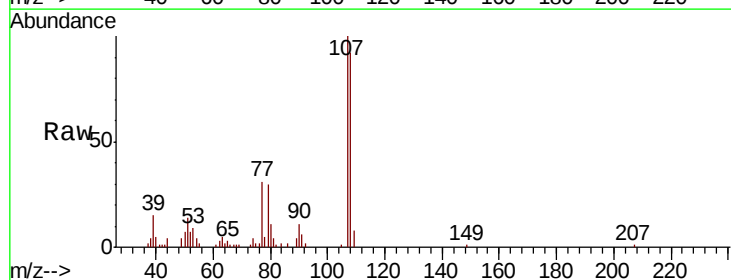


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

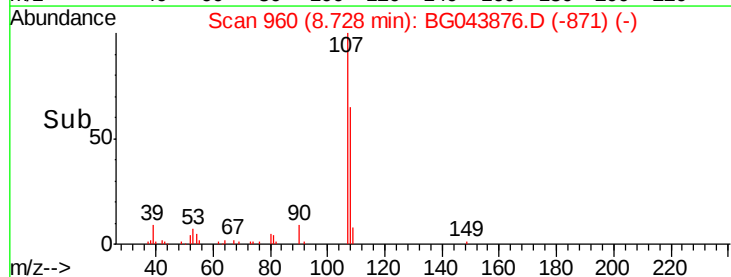
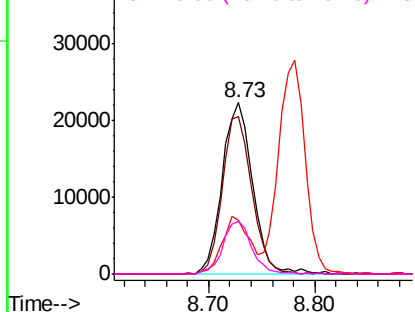


#20
3+4-Methylphenols
Concen: 4.875 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Tgt Ion:	107	Resp:	44656
Ion	Ratio	Lower	Upper
107	100		
108	91.6	70.3	110.3
77	31.4	12.4	52.4
79	30.4	8.6	48.6



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 522386

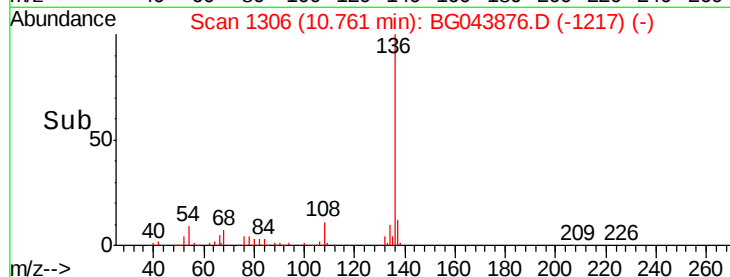
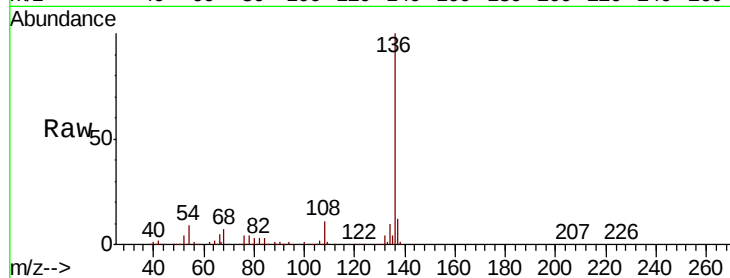
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 8.7 7.0 10.4

68 6.8 4.9 7.3

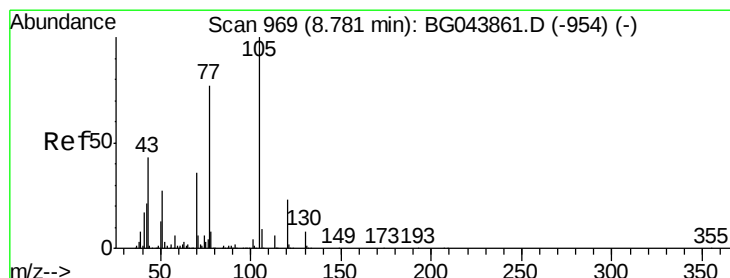
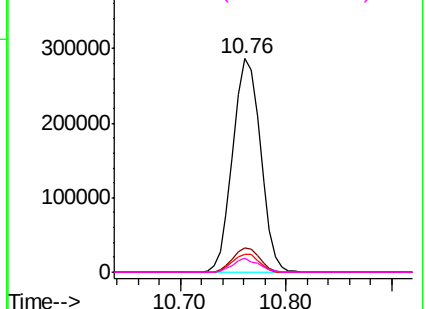


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 4.916 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.00 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Tgt Ion:105 Resp: 63843

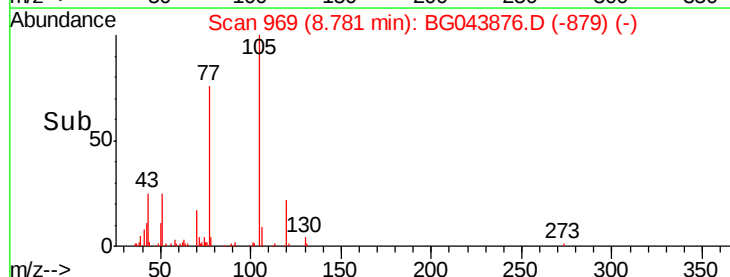
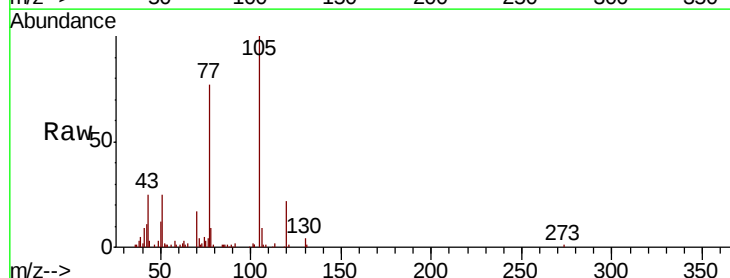
Ion Ratio Lower Upper

105 100

71 4.2 4.8 7.2#

51 25.5 21.4 32.0

120 21.8 18.6 28.0

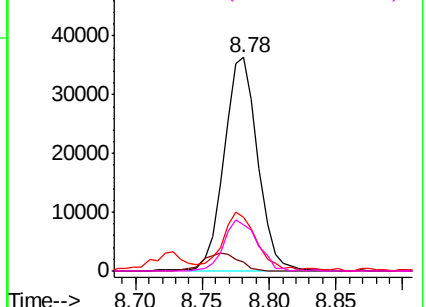


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

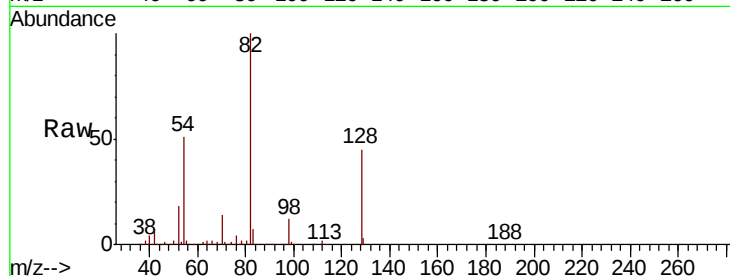




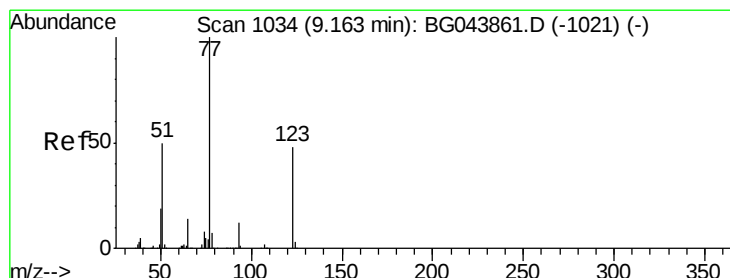
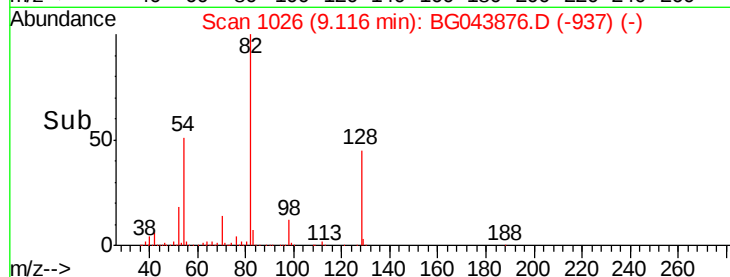
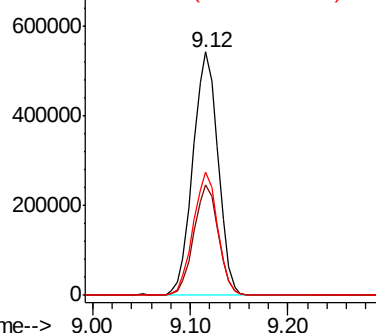
#23
Nitrobenzene-d5
Concen: 98.717 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 963974
Ion Ratio Lower Upper
82 100
128 45.5 35.1 52.7
54 50.9 40.1 60.1

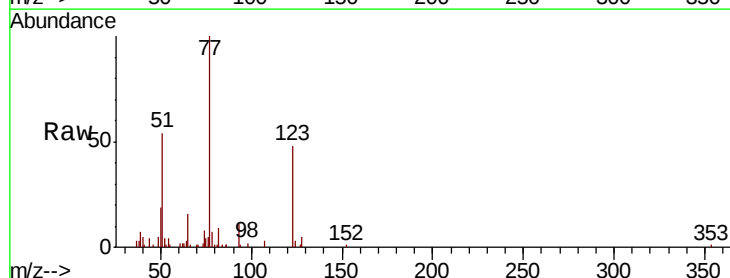


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

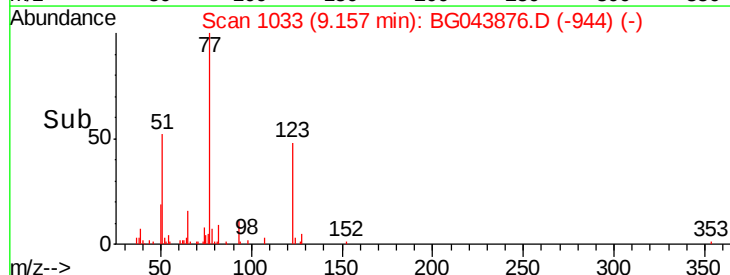
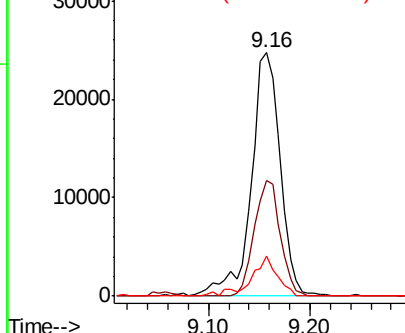


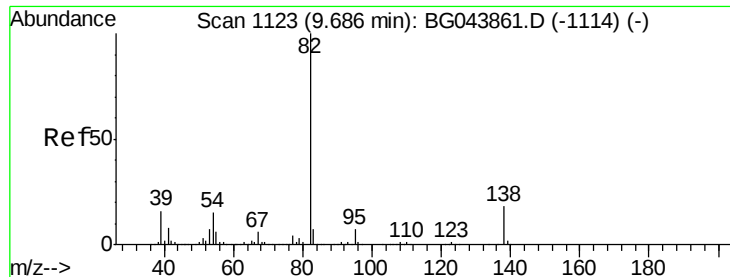
#24
Nitrobenzene
Concen: 5.071 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Tgt Ion: 77 Resp: 49042
Ion Ratio Lower Upper
77 100
123 47.7 38.7 58.1
65 16.4 11.1 16.7



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

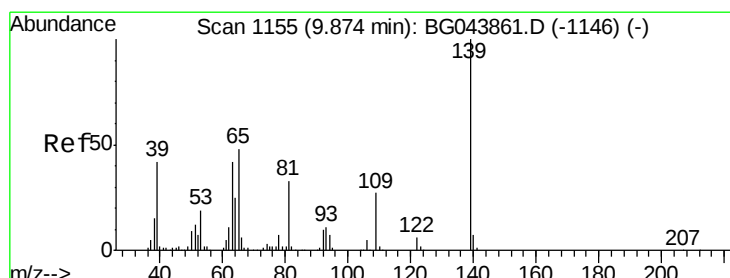
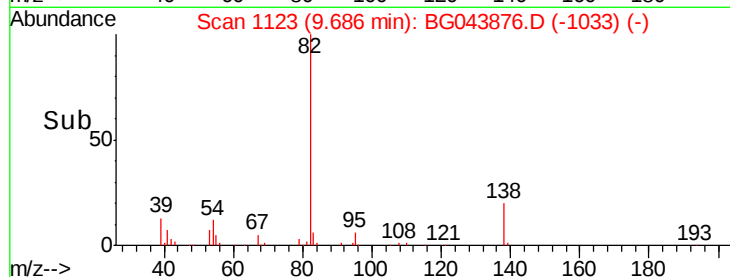
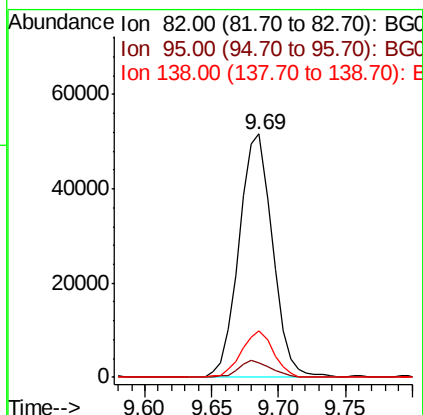
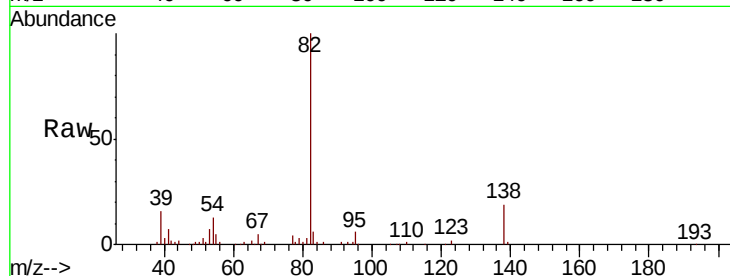




#25
Isophorone
Concen: 4.900 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

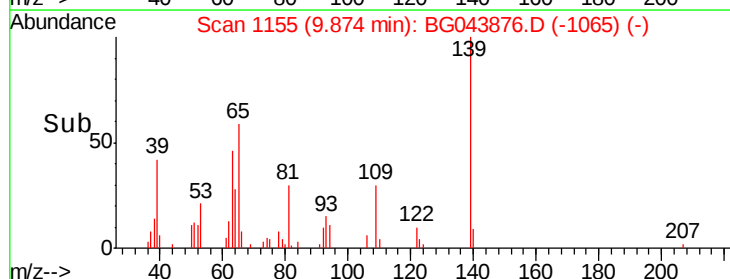
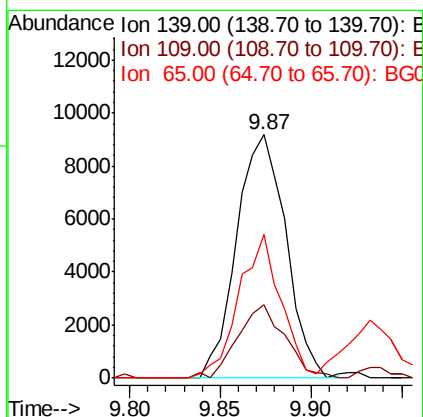
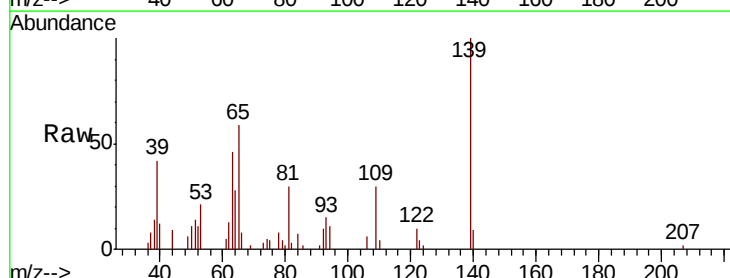
Instrument :
BNA_G
ClientSampleId :

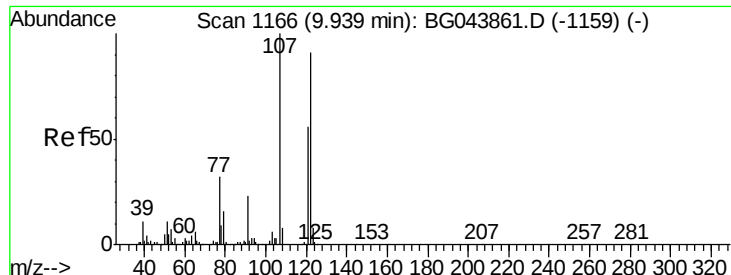
Tot Ion: 82 Resp: 89770
Ion Ratio Lower Upper
82 100
95 6.1 5.8 8.6
138 19.0 14.6 22.0



#26
2-Nitrophenol
Concen: 3.791 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Tgt Ion: 139 Resp: 17348
Ion Ratio Lower Upper
139 100
109 30.2 21.3 31.9
65 58.9 38.6 57.8#

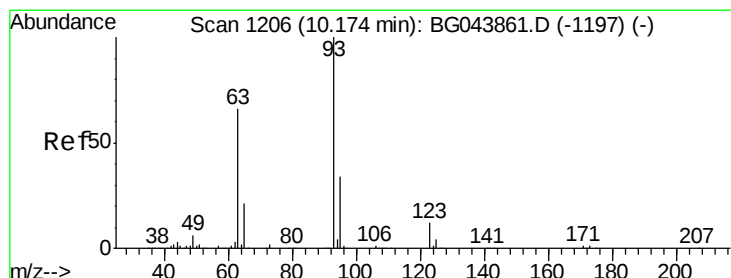
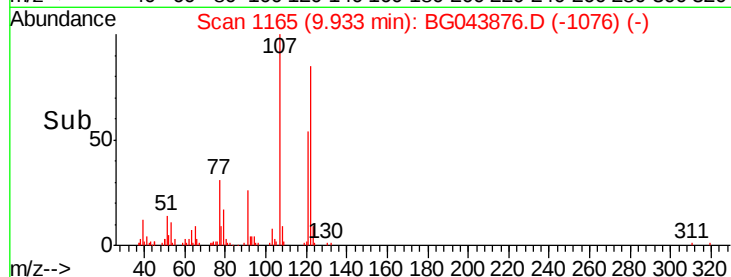
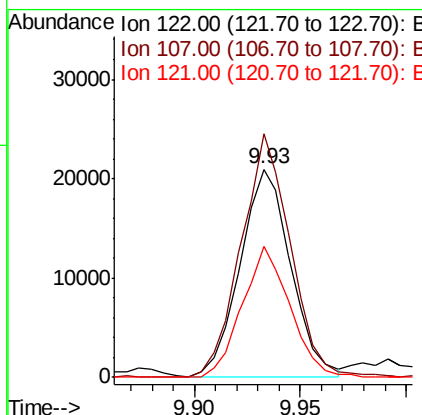
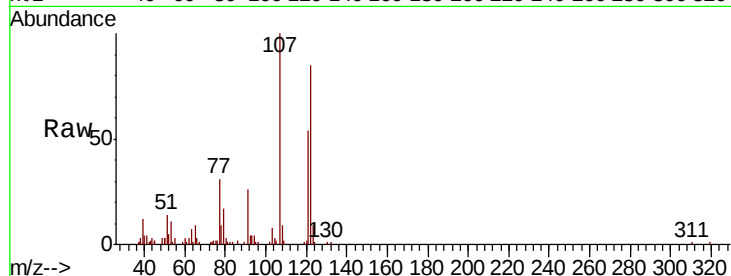




#27
 2,4-Dimethylphenol
 Concen: 5.077 ng
 RT: 9.93 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

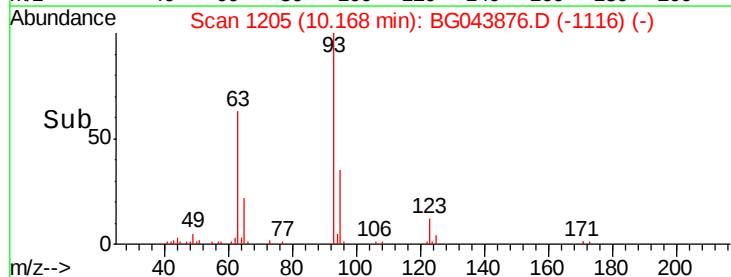
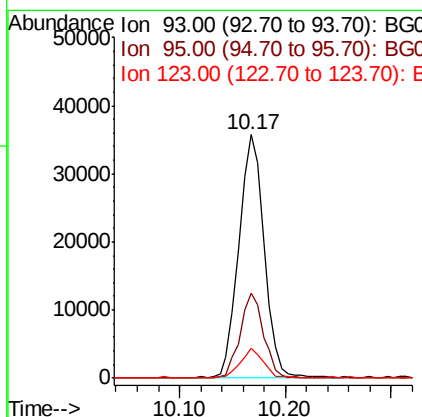
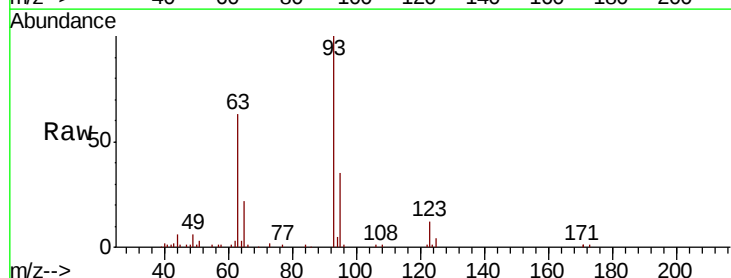
Instrument :
 BNA_G
 ClientSampleId :

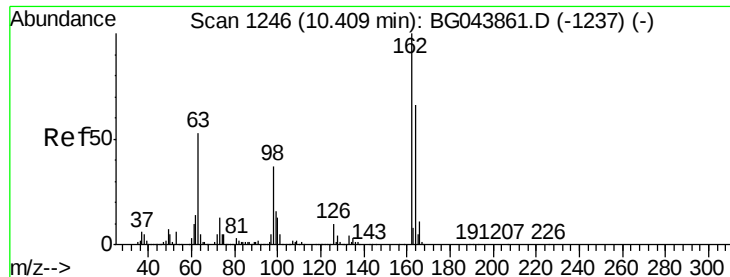
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.0	88.0	132.0
121	63.0	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.852 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.1	27.2	40.8
123	12.3	9.7	14.5

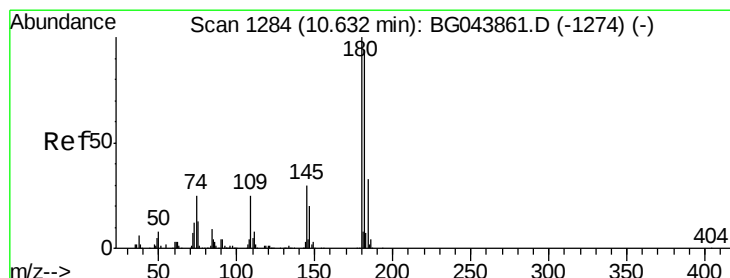
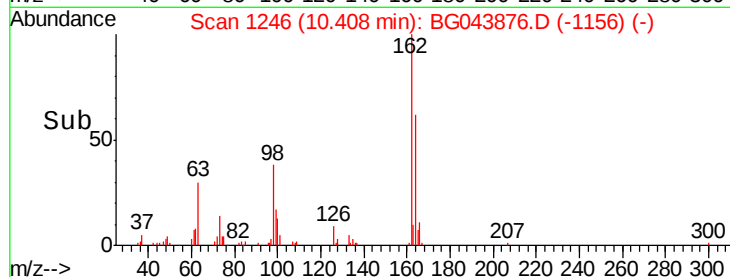
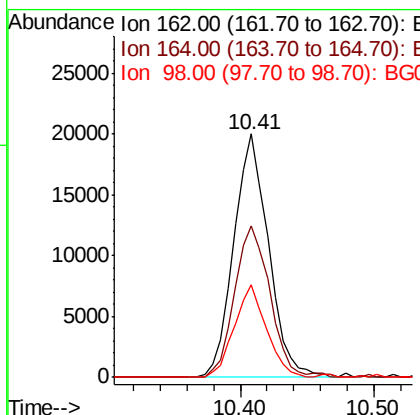
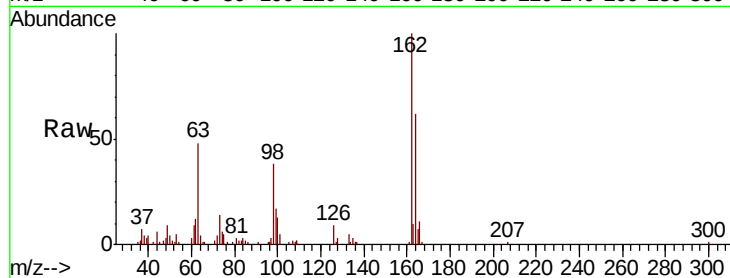




#29
 2,4-Dichlorophenol
 Concen: 4.397 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

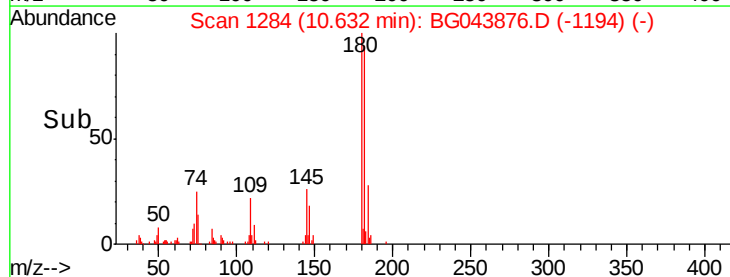
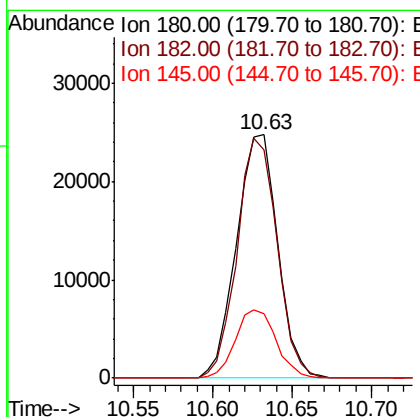
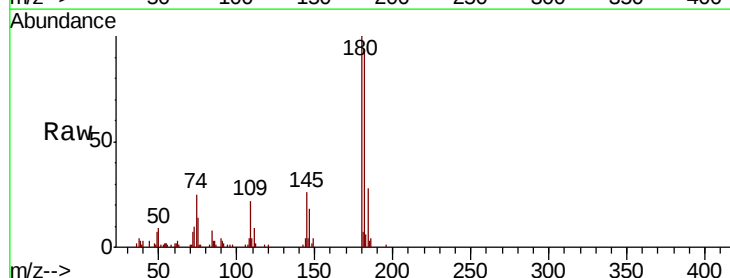
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	162	Resp	36126
Ion Ratio	Lower	Upper	
162	100		
164	62.1	46.3	86.3
98	37.8	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 4.855 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	180	Resp	44725
Ion Ratio	Lower	Upper	
180	100		
182	93.5	75.0	112.4
145	26.3	24.2	36.4

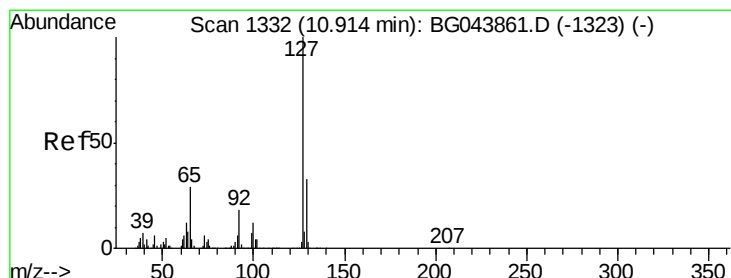
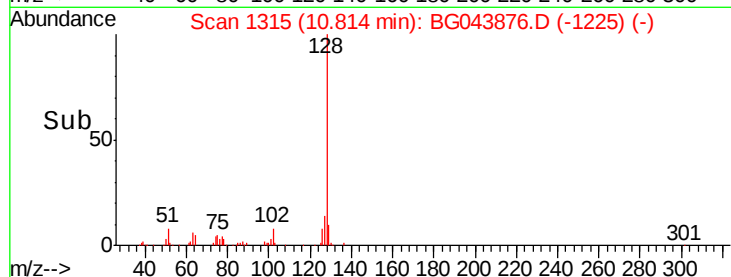
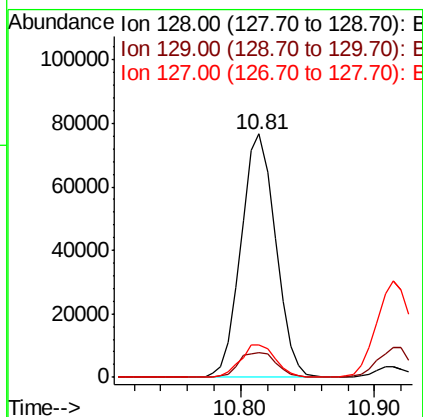
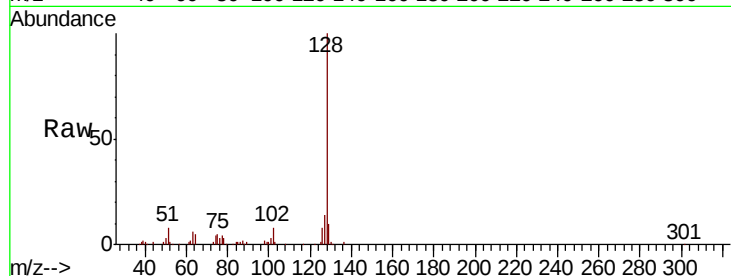




#31
Naphthalene
Concen: 5.424 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

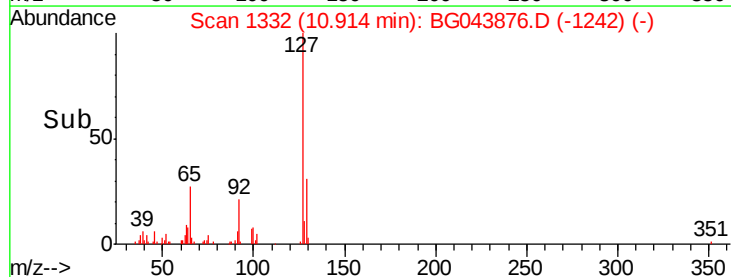
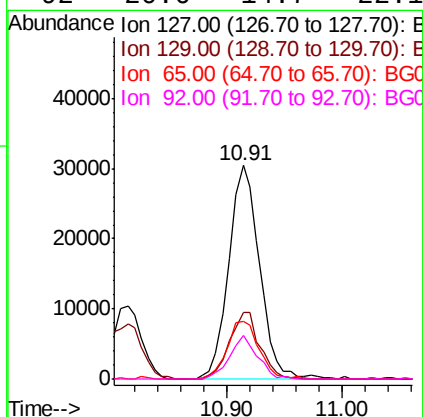
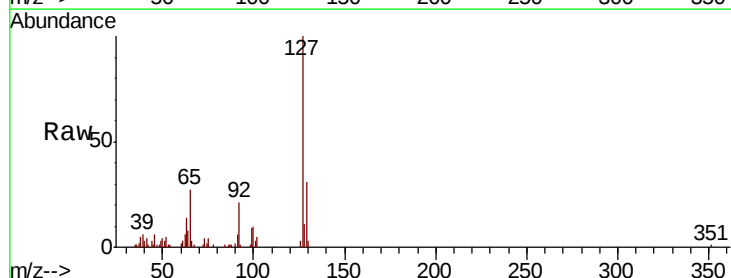
Instrument :
BNA_G
ClientSampled :

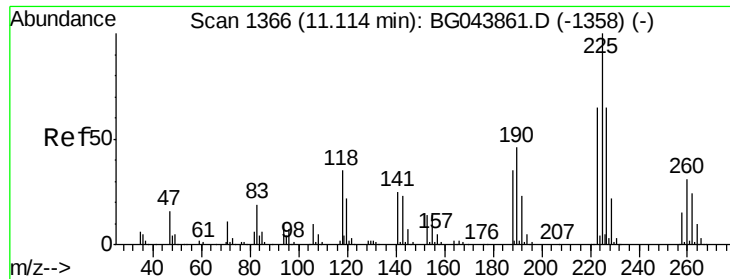
Tot Ion:128 Resp: 137121
Ion Ratio Lower Upper
128 100
129 10.2 9.8 14.6
127 13.5 12.0 18.0



#33
4-Chloroaniline
Concen: 4.663 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Tgt Ion:127 Resp: 56222
Ion Ratio Lower Upper
127 100
129 31.3 26.6 40.0
65 27.1 23.3 34.9
92 20.6 14.7 22.1

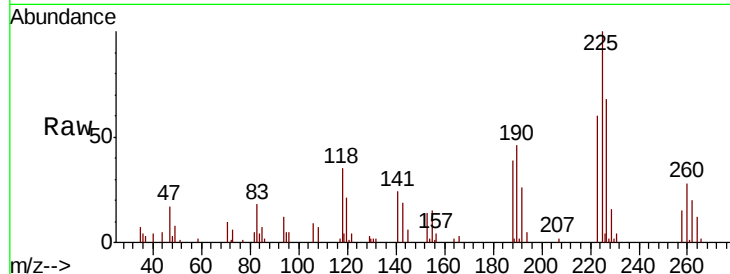




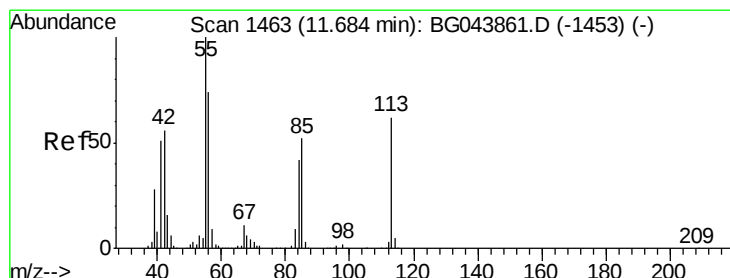
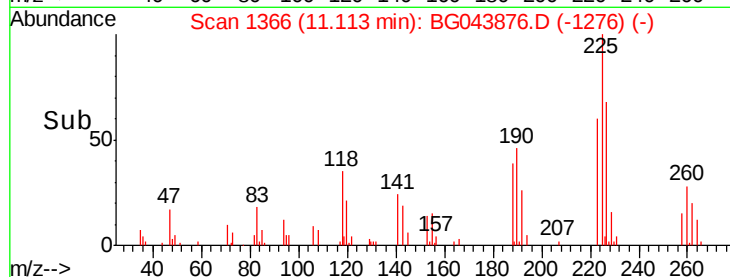
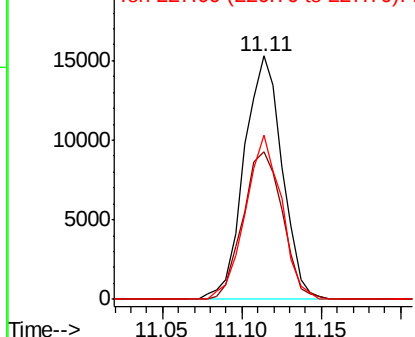
#34
Hexachlorobutadiene
Concen: 4.529 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:225 Resp: 25472
Ion Ratio Lower Upper
225 100
223 60.4 52.2 78.4
227 69.9 52.1 78.1

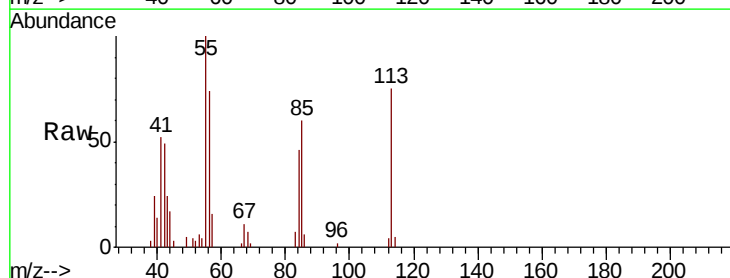


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

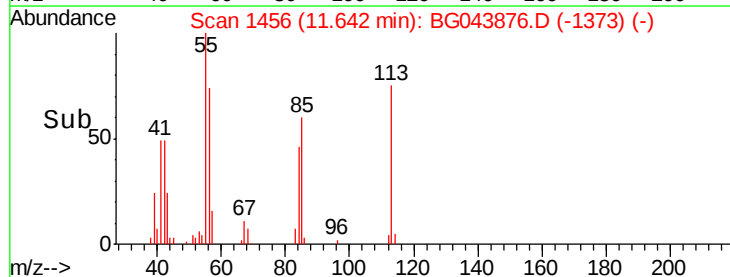
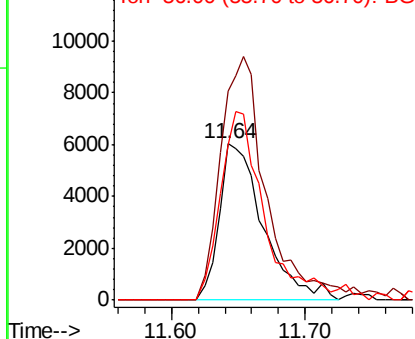


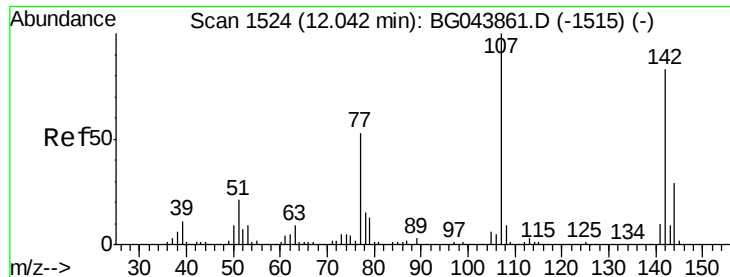
#35
Caprolactam
Concen: 4.538 ng
RT: 11.64 min Scan# 1456
Delta R.T. -0.04 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Tgt Ion:113 Resp: 13879
Ion Ratio Lower Upper
113 100
55 134.2 142.5 182.5#
56 99.5 101.4 141.4#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG0
Ion 56.00 (55.70 to 56.70): BG0

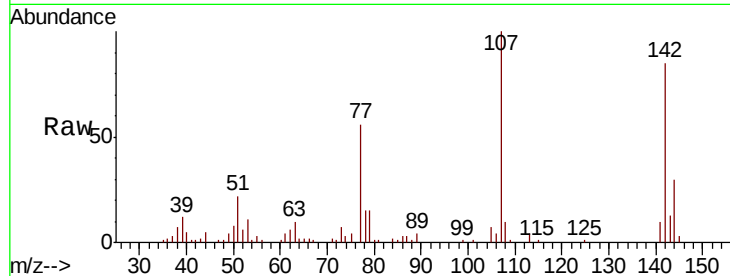




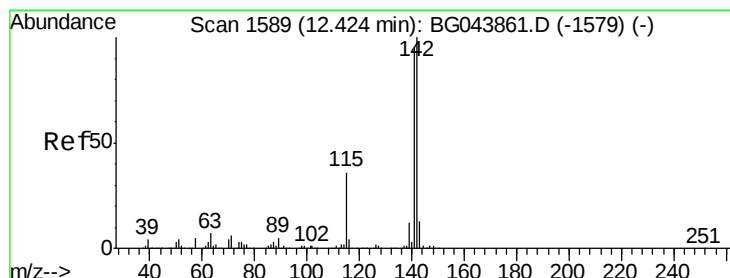
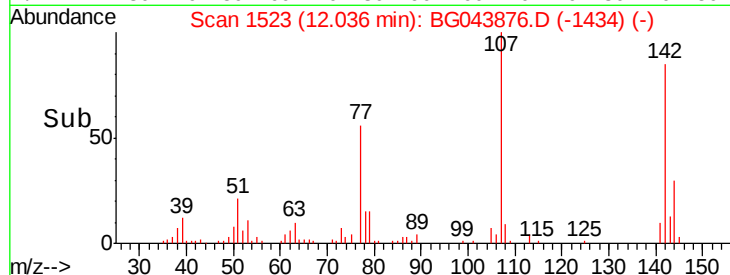
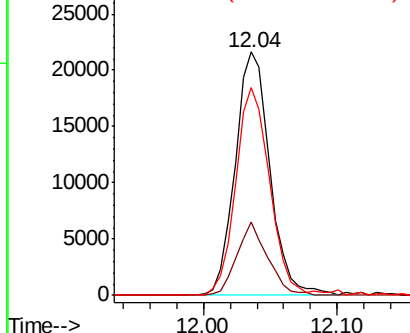
#36
 4-Chloro-3-methylphenol
 Concen: 4.444 ng
 RT: 12.04 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:107 Resp: 38866
 Ion Ratio Lower Upper
 107 100
 144 30.2 23.4 35.2
 142 85.3 66.3 99.5

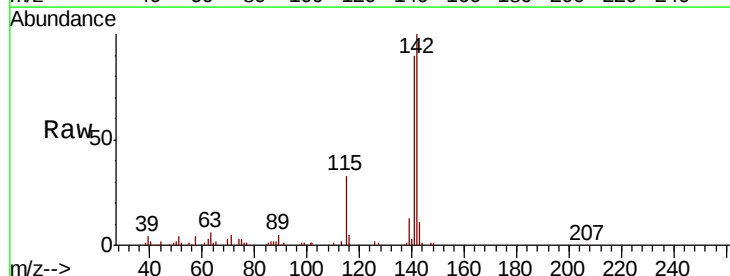


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

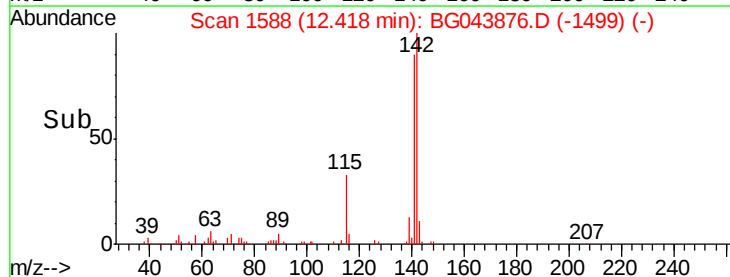
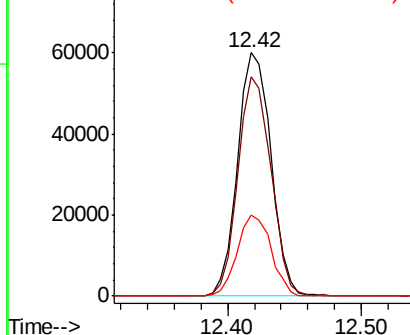


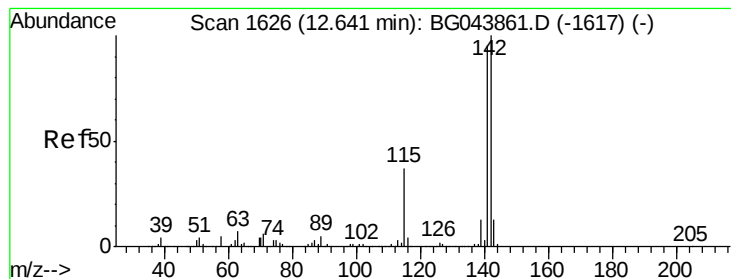
#37
 2-Methylnaphthalene
 Concen: 5.457 ng
 RT: 12.42 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion:142 Resp: 103857
 Ion Ratio Lower Upper
 142 100
 141 89.9 75.8 113.8
 115 33.2 28.6 42.8



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





#38

1-Methylnaphthalene

Concen: 5.758 ng

RT: 12.42 min Scan# 1588

Delta R.T. -0.22 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Instrument :

BNA_G

ClientSampleId :

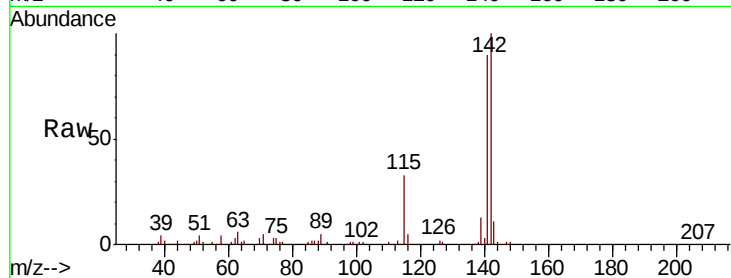
Tot Ion:142 Resp: 103857

Ion Ratio Lower Upper

142 100

141 89.9 76.0 114.0

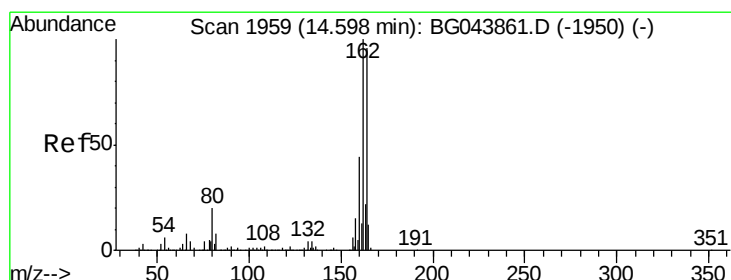
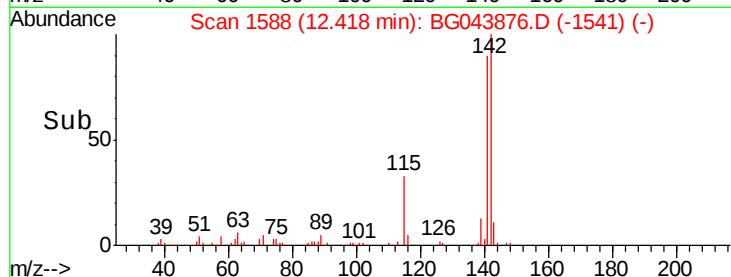
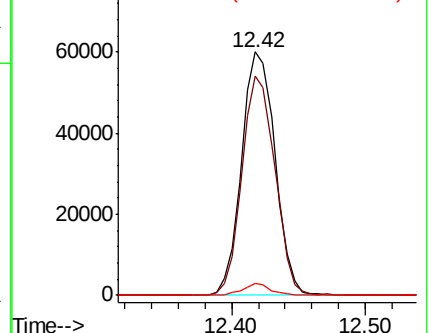
116 4.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

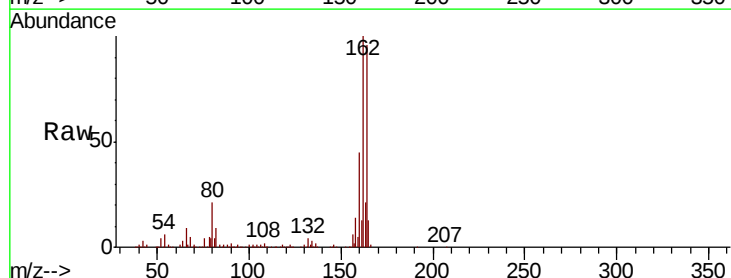
Tgt Ion:164 Resp: 351553

Ion Ratio Lower Upper

164 100

162 104.7 83.0 124.4

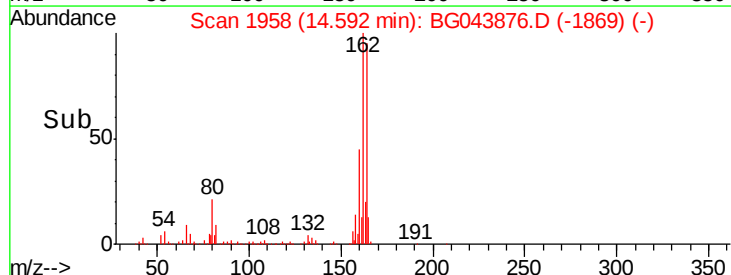
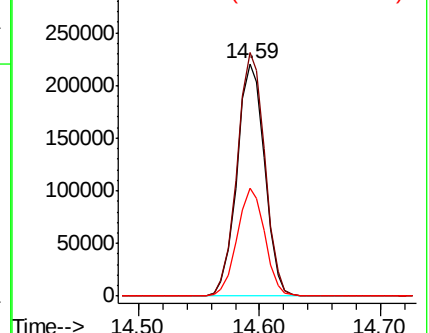
160 46.7 36.1 54.1

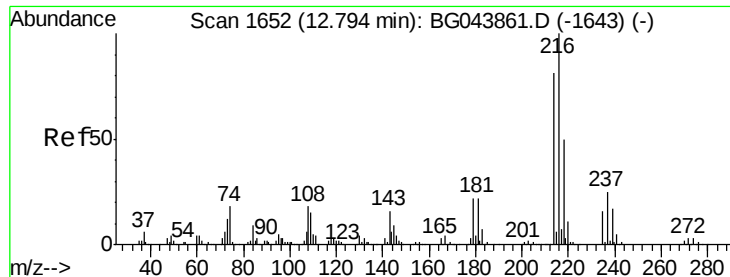


Abundance Ion 164.00 (163.70 to 164.70): E

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: 4.966 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 51172

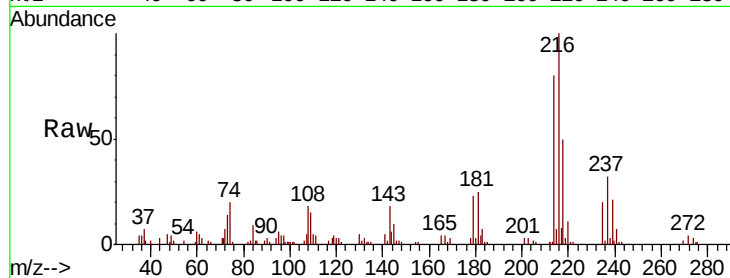
Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.8

179 21.8 17.3 25.9

108 18.5 15.3 22.9

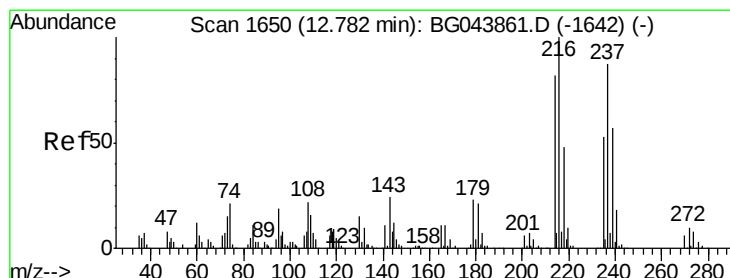
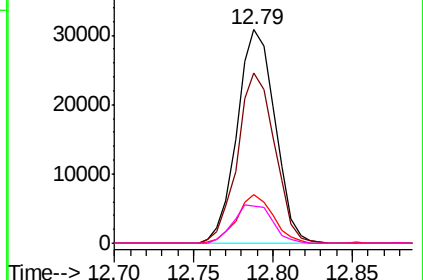
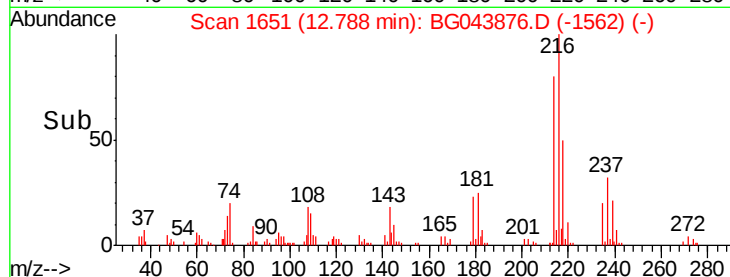


Abundance Ion 216.00 (215.70 to 216.70): E

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: 4.495 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

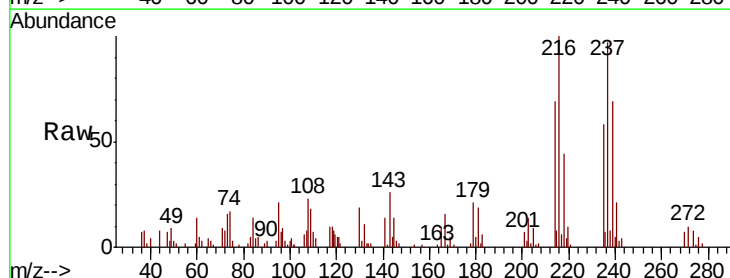
Tgt Ion:237 Resp: 24010

Ion Ratio Lower Upper

237 100

235 60.2 41.1 81.1

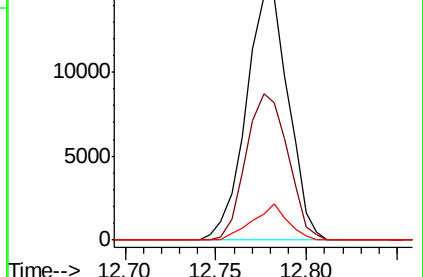
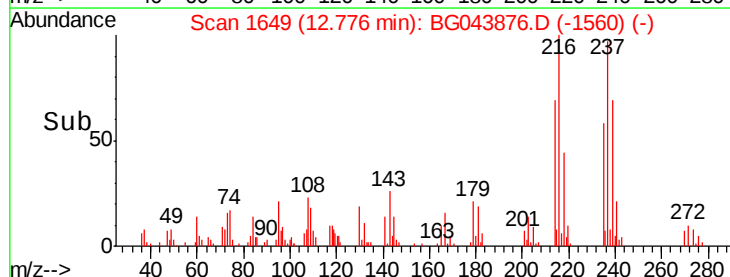
272 10.6 0.0 31.7

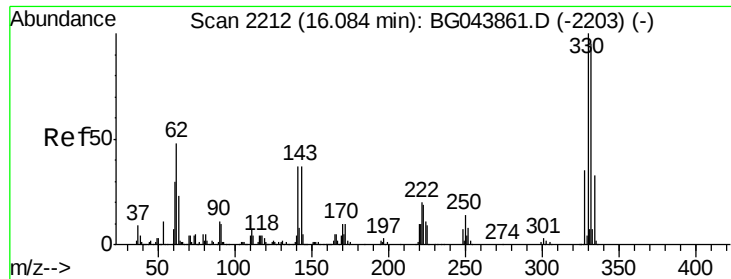


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

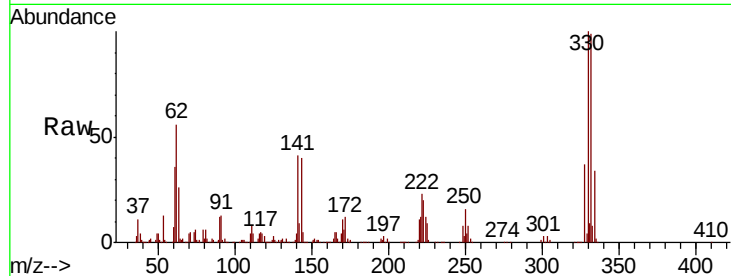




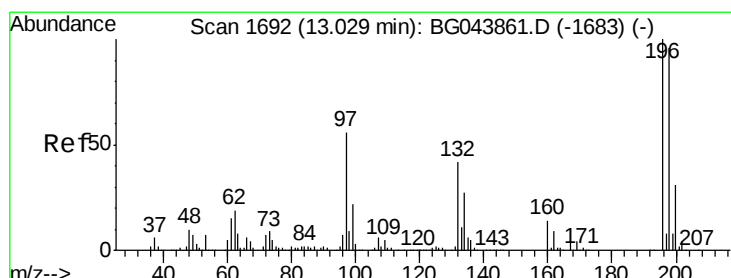
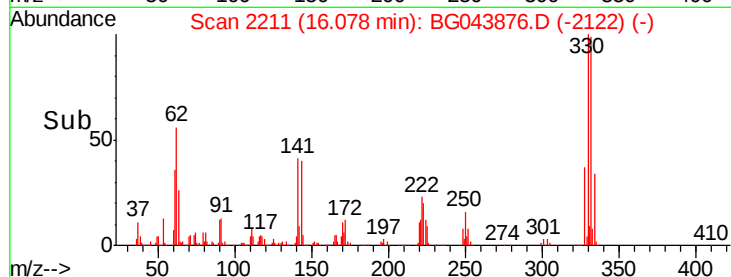
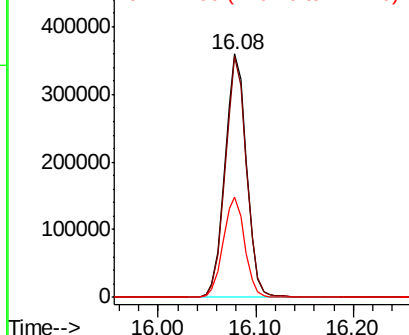
#42
 2,4,6-Tribromophenol
 Concen: 149.649 ng
 RT: 16.08 min Scan# 2211
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 550549
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.2 115.8
 141 41.2 33.1 49.7

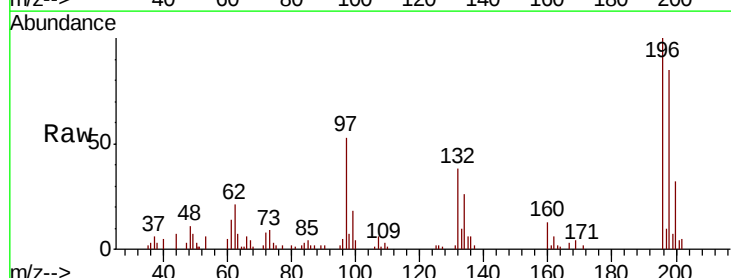


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

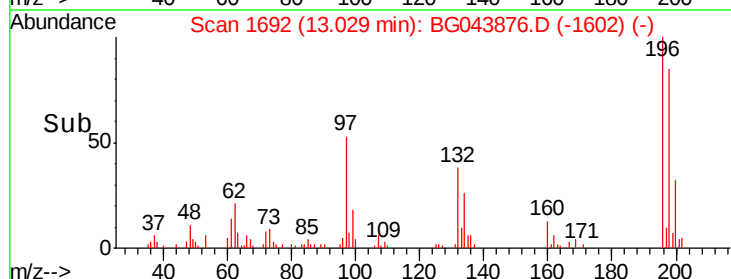
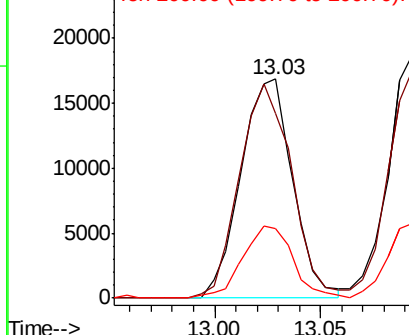


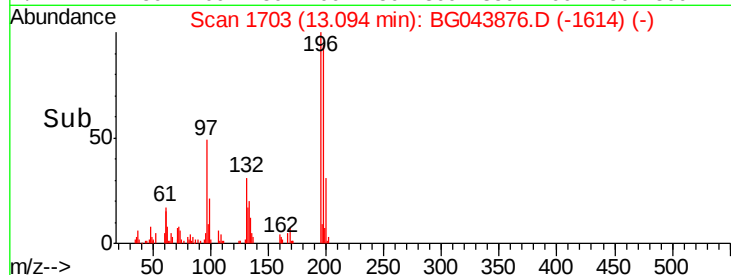
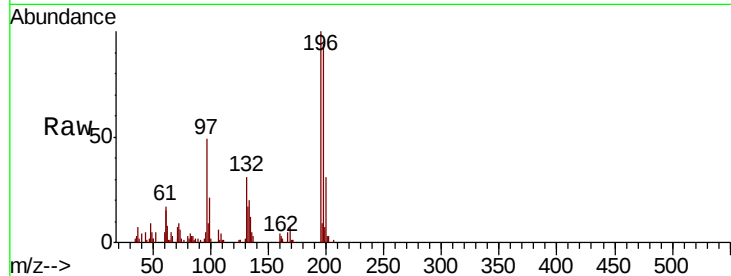
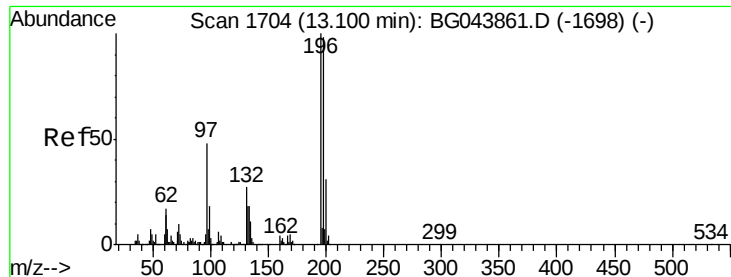
#43
 2,4,6-Trichlorophenol
 Concen: 4.046 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion:196 Resp: 28686
 Ion Ratio Lower Upper
 196 100
 198 84.6 76.6 115.0
 200 31.9 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

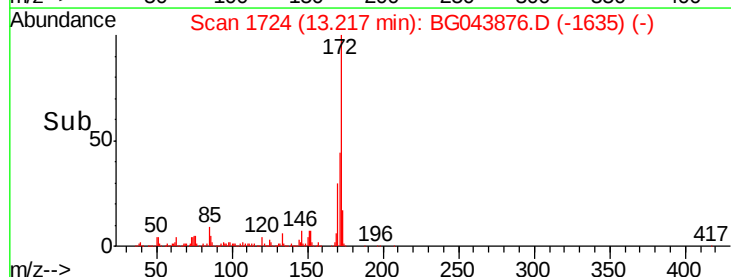
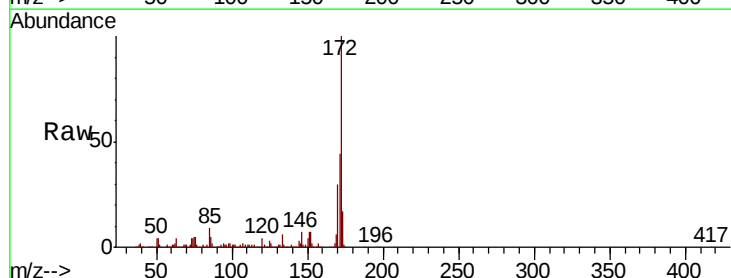
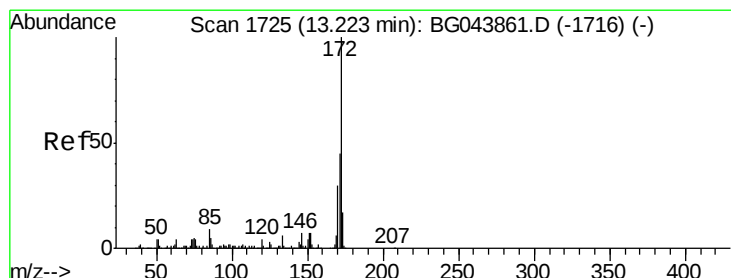
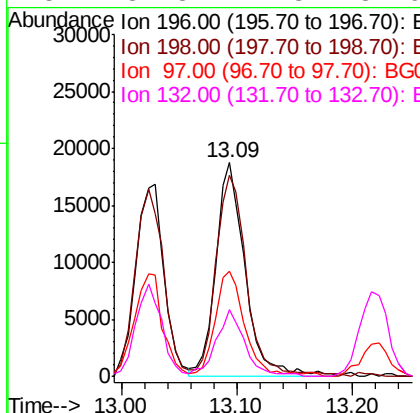




#44
2,4,5-Trichlorophenol
Concen: 4.500 ng
RT: 13.09 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

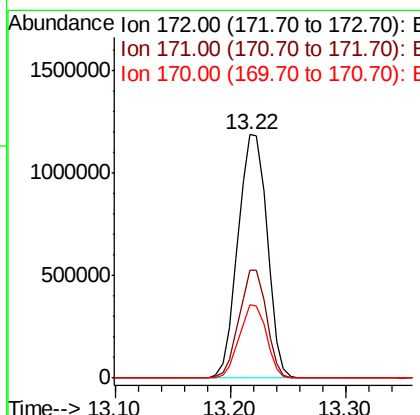
Instrument :
BNA_G
ClientSampled :

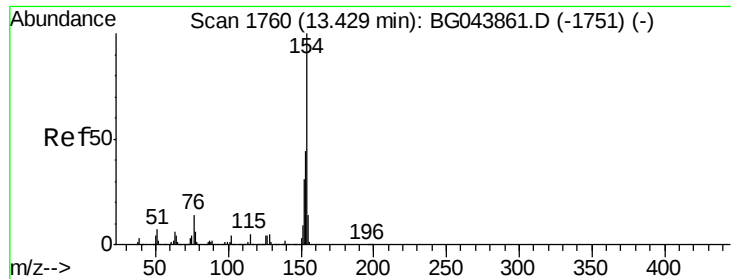
Tot Ion:196 Resp: 32909
Ion Ratio Lower Upper
196 100
198 93.8 78.3 117.5
97 48.9 38.8 58.2
132 31.3 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 107.400 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Tgt Ion:172 Resp: 2083974
Ion Ratio Lower Upper
172 100
171 44.4 35.8 53.8
170 30.0 24.2 36.4





#46

1,1'-Biphenyl

Concen: 5.291 ng

RT: 13.43 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Instrument :

BNA_G

ClientSampleId :

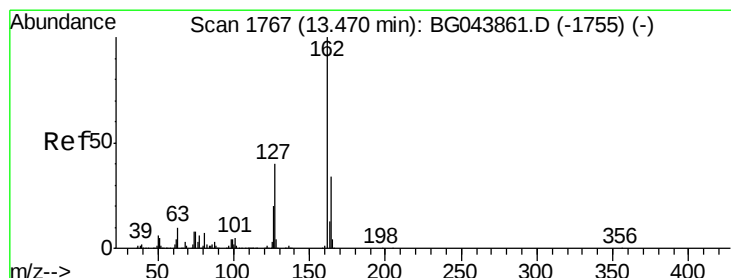
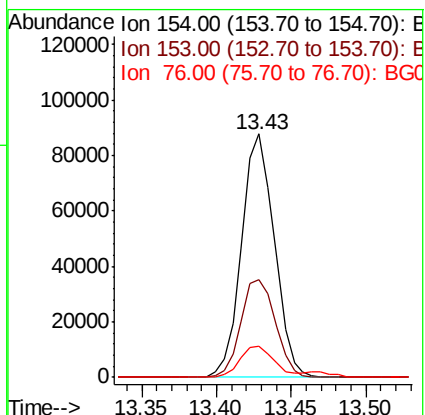
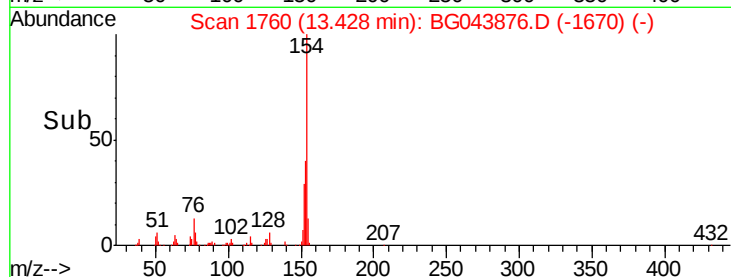
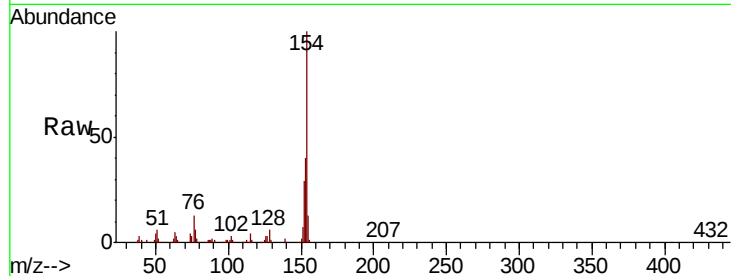
Tot Ion:154 Resp: 133364

Ion Ratio Lower Upper

154 100

153 40.2 23.6 63.6

76 12.8 0.0 34.4



#47

2-Chloronaphthalene

Concen: 5.006 ng

RT: 13.47 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

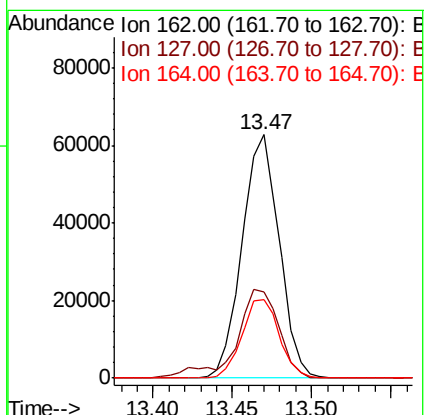
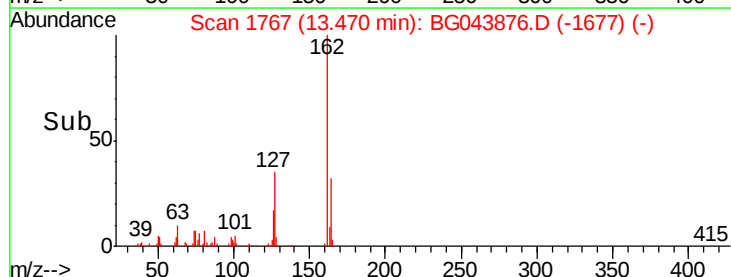
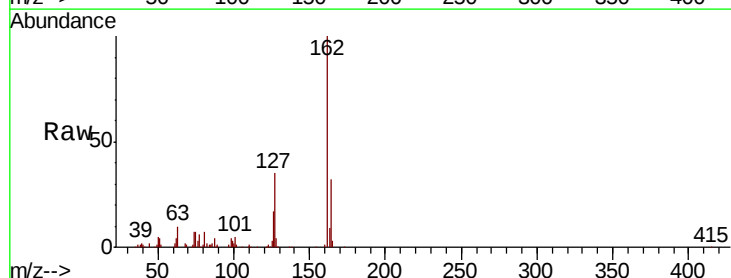
Tgt Ion:162 Resp: 101964

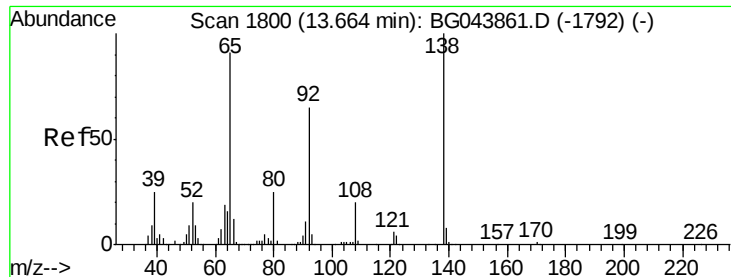
Ion Ratio Lower Upper

162 100

127 35.3 32.1 48.1

164 32.1 27.5 41.3





#48

2-Nitroaniline

Concen: 3.898 ng

RT: 13.66 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Instrument :

BNA_G

ClientSampled :

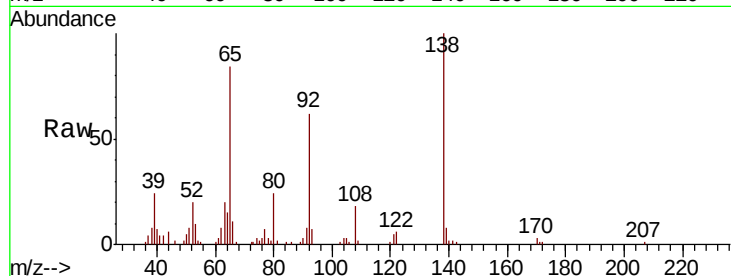
Tot Ion: 65 Resp: 25542

Ion	Ratio	Lower	Upper
65	100		
92	74.2	57.4	86.2
138	119.3	88.2	132.4

65 100

92 74.2 57.4 86.2

138 119.3 88.2 132.4

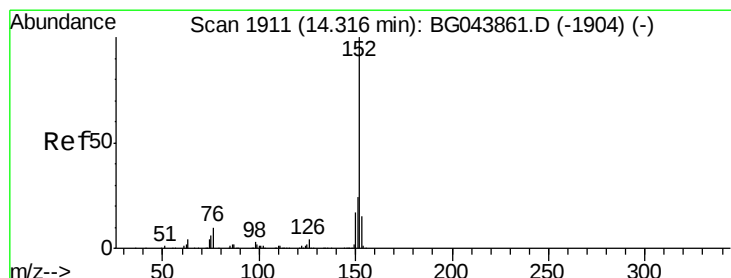
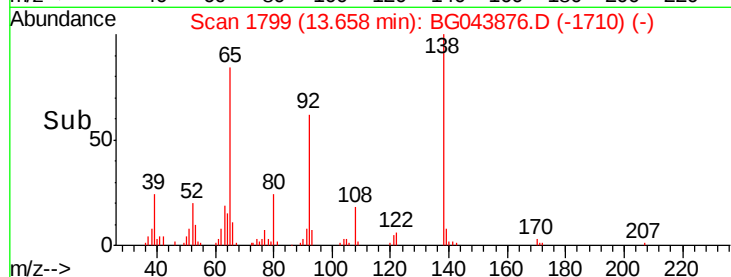
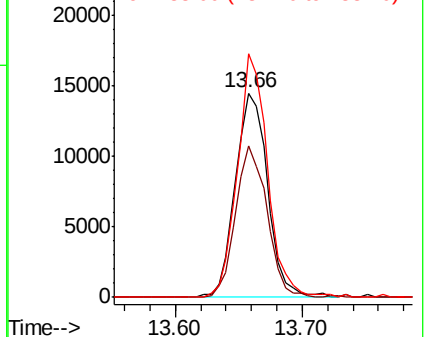


Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#49

Acenaphthylene

Concen: 5.588 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

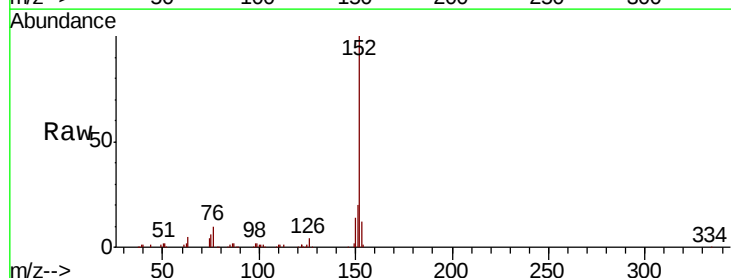
Tgt Ion: 152 Resp: 163598

Ion	Ratio	Lower	Upper
152	100		
151	20.1	19.4	29.2
153	11.7	12.0	18.0

152 100

151 20.1 19.4 29.2

153 11.7 12.0 18.0

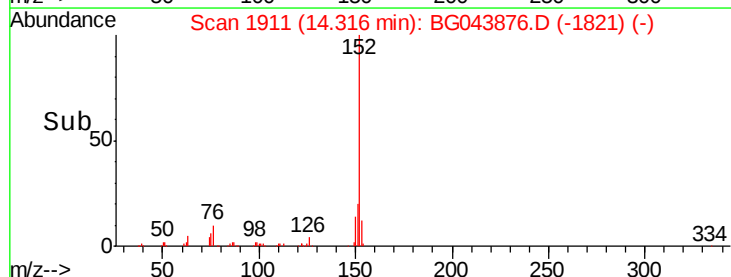
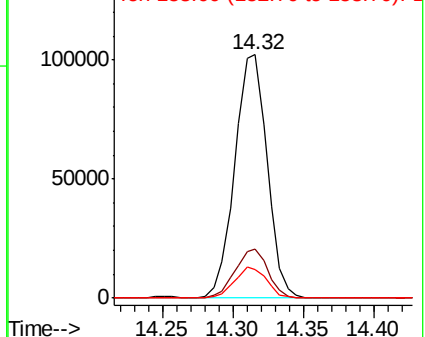


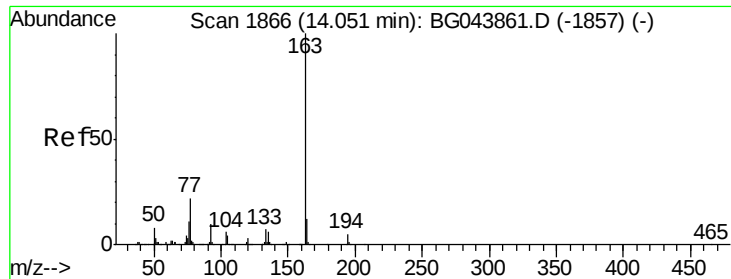
Abundance

Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#50

Dimethylphthalate

Concen: 5.429 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Instrument :

BNA_G

ClientSampleId :

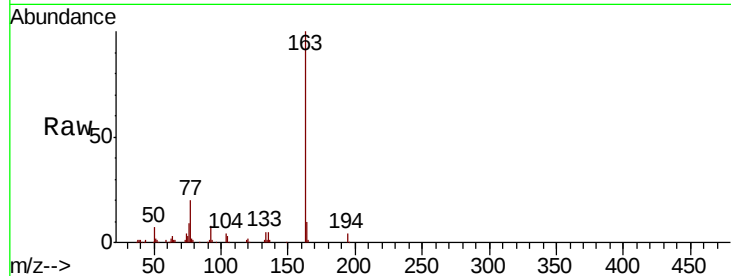
Tot Ion:163 Resp: 135507

Ion Ratio Lower Upper

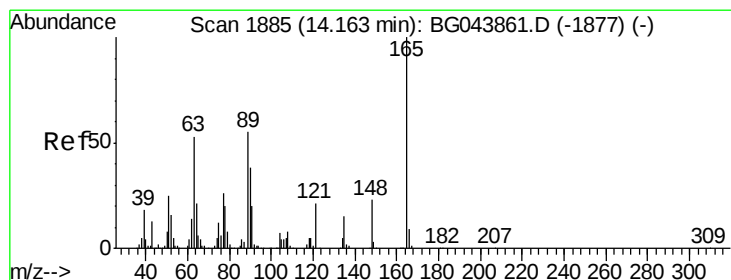
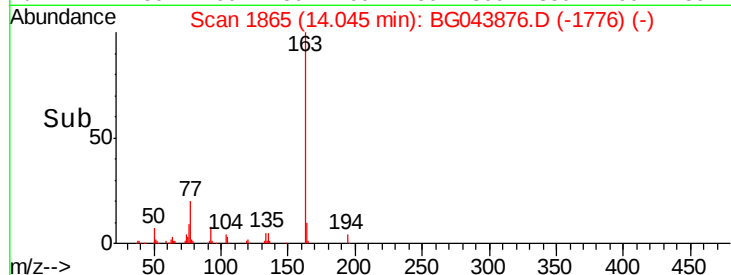
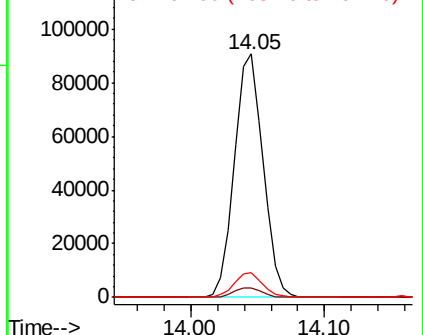
163 100

194 3.8 3.7 5.5

164 10.1 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: 4.679 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

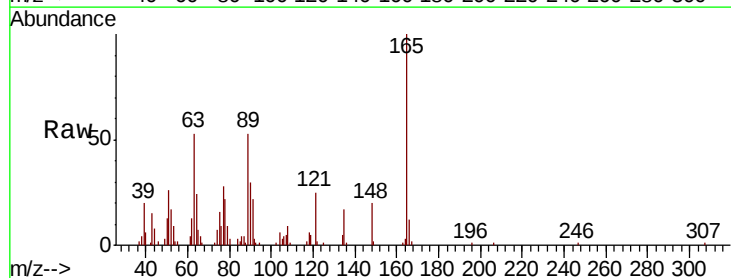
Tgt Ion:165 Resp: 26397

Ion Ratio Lower Upper

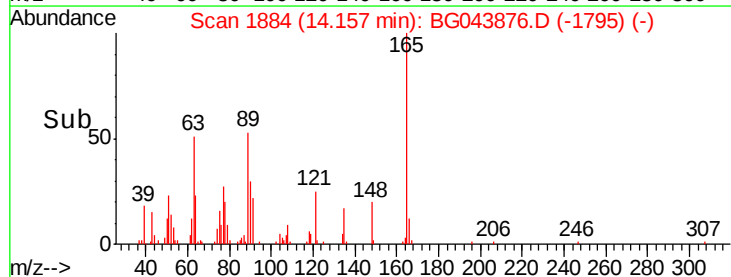
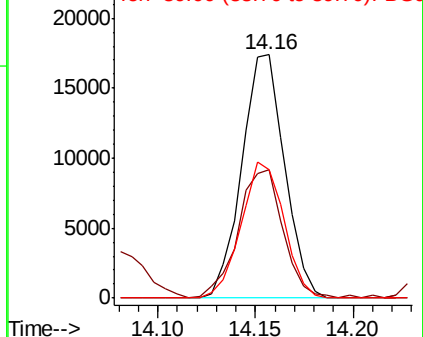
165 100

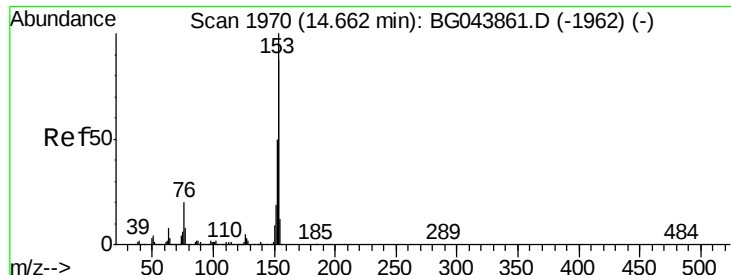
63 52.5 43.1 64.7

89 52.9 43.8 65.6



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





#52

Acenaphthene

Concen: 4.986 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Instrument :

BNA_G

ClientSampleId :

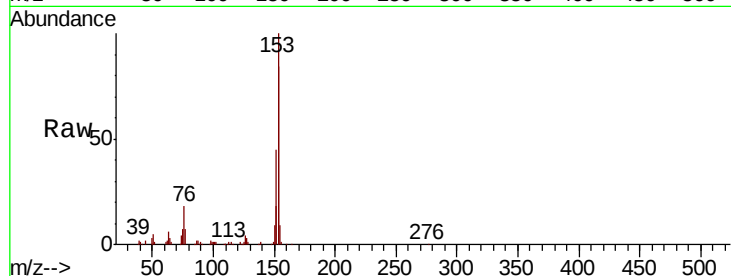
Tot Ion:154 Resp: 102372

Ion Ratio Lower Upper

154 100

153 118.5 91.6 137.4

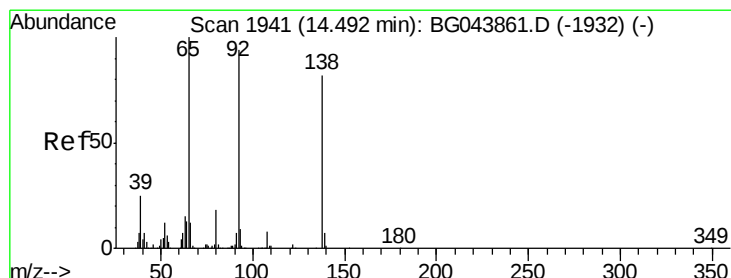
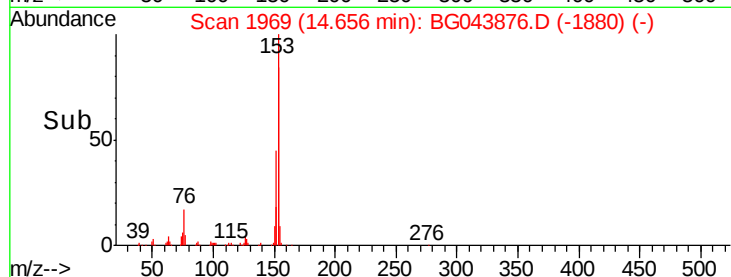
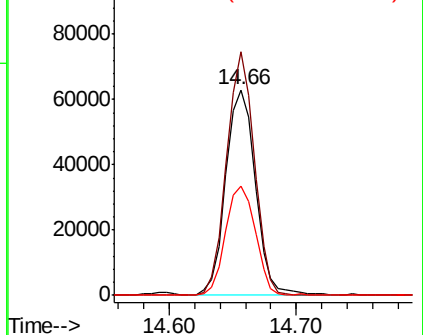
152 53.0 45.4 68.0



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: 4.134 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

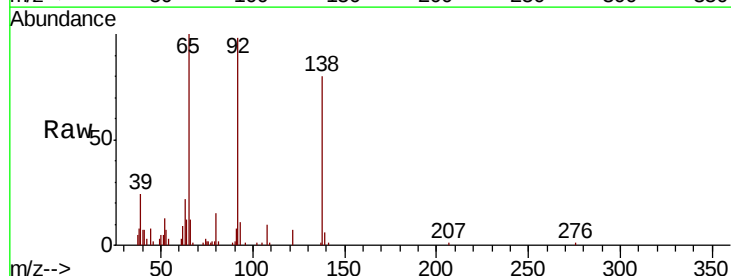
Tgt Ion:138 Resp: 26487

Ion Ratio Lower Upper

138 100

108 12.8 7.4 11.2#

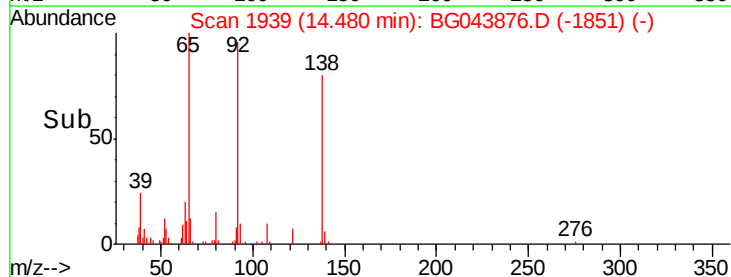
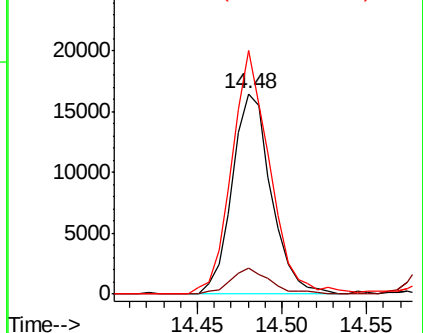
92 121.5 92.1 138.1

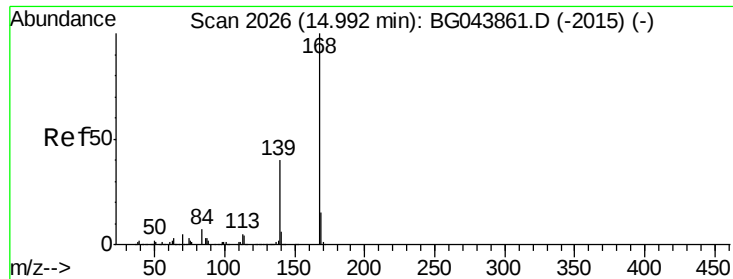


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#55

Dibenzofuran

Concen: 5.790 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Instrument :

BNA_G

ClientSampled :

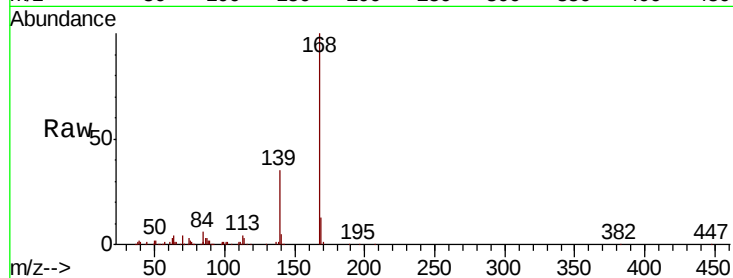
Tot Ion:168 Resp: 163625

Ion Ratio Lower Upper

168 100

139 35.2 32.2 48.2

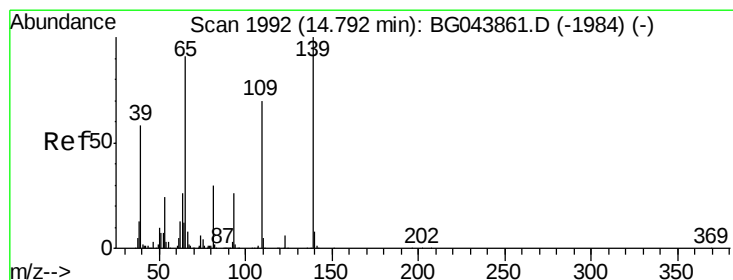
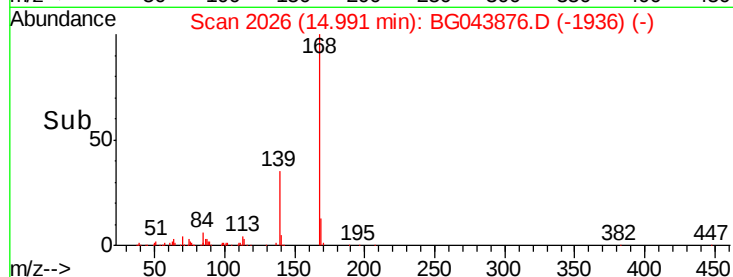
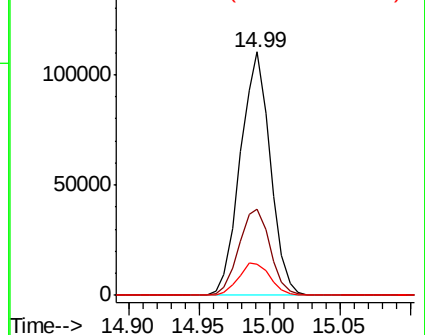
169 13.0 12.2 18.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 3.672 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

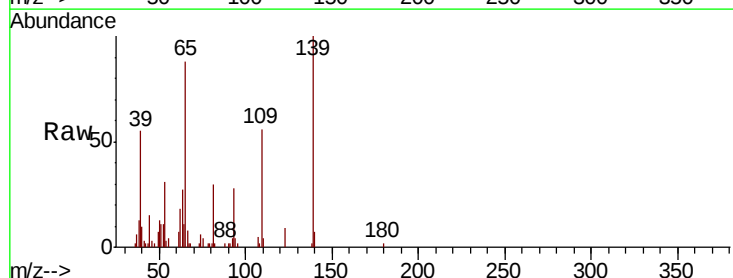
Tgt Ion:139 Resp: 18028

Ion Ratio Lower Upper

139 100

109 55.5 50.4 90.4

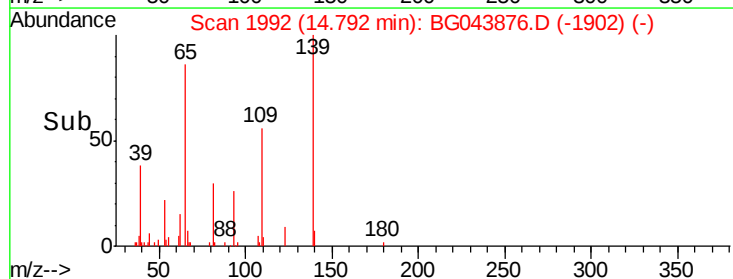
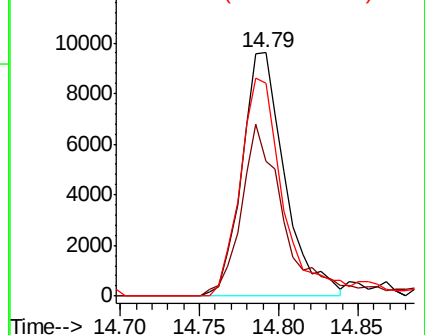
65 87.7 71.4 111.4

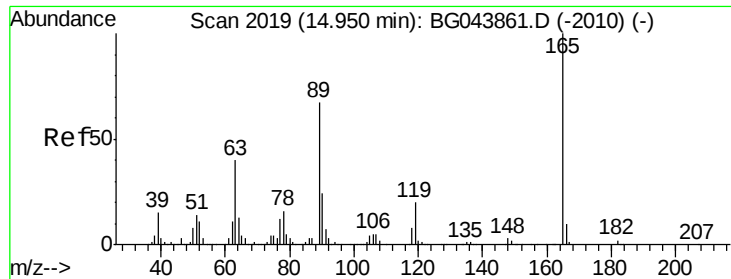


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

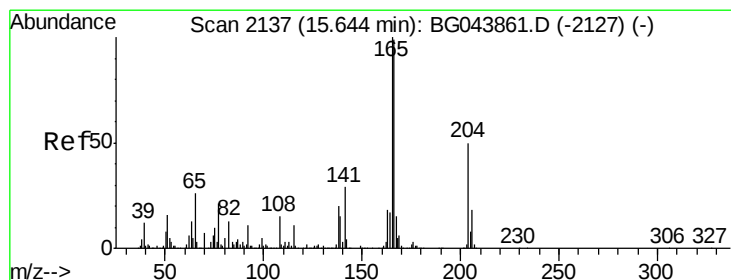
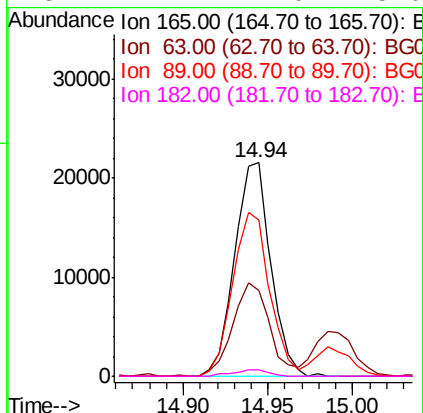
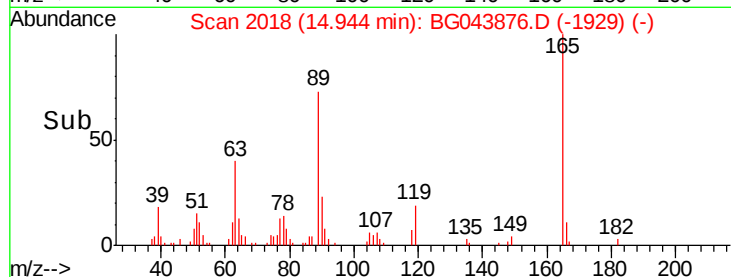
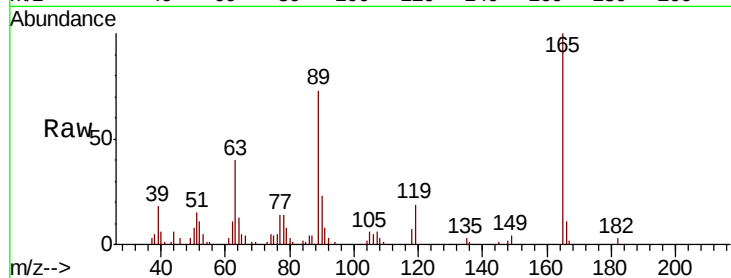




#57
2,4-Dinitrotoluene
Concen: 4.188 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

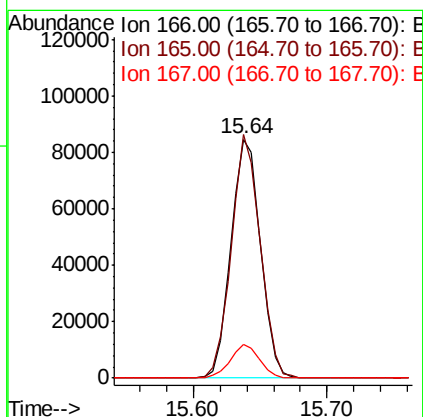
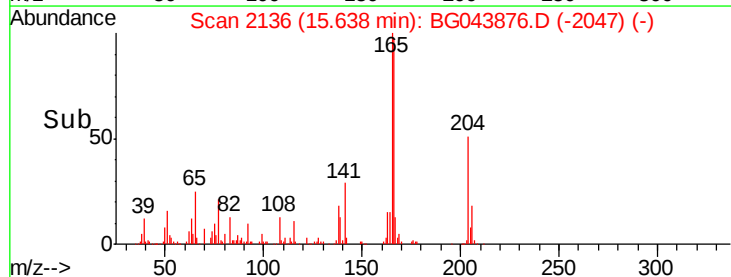
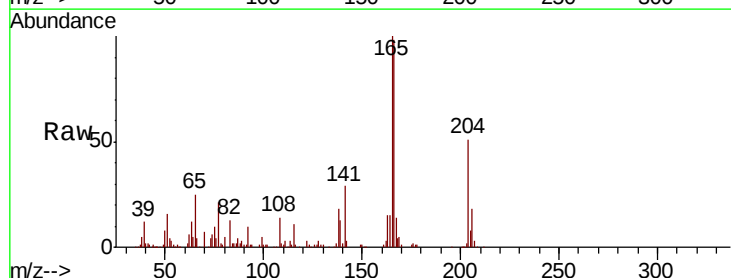
Instrument :
BNA_G
ClientSampleId :

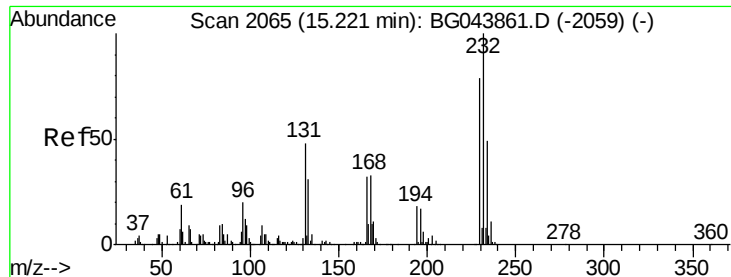
Tot Ion:165	Resp:	32148
Ion Ratio	Lower	Upper
165	100	
63	40.3	31.9 47.9
89	73.0	53.8 80.6
182	2.7	2.0 3.0



#58
Fluorene
Concen: 5.834 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Tgt Ion:166	Resp:	130674
Ion Ratio	Lower	Upper
166	100	
165	101.9	80.8 121.2
167	14.0	12.1 18.1

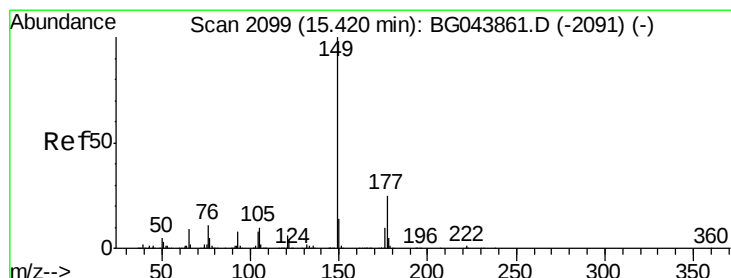
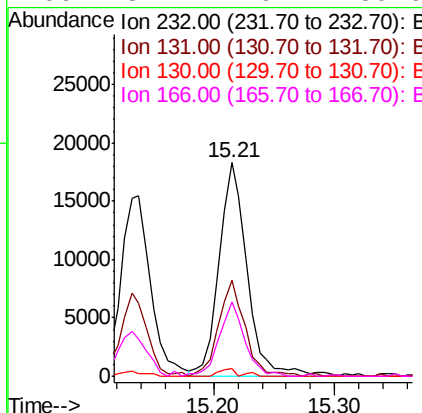
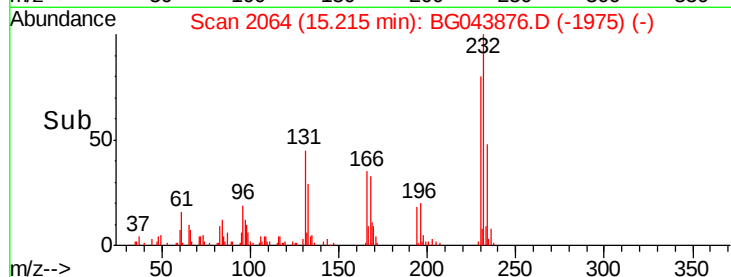
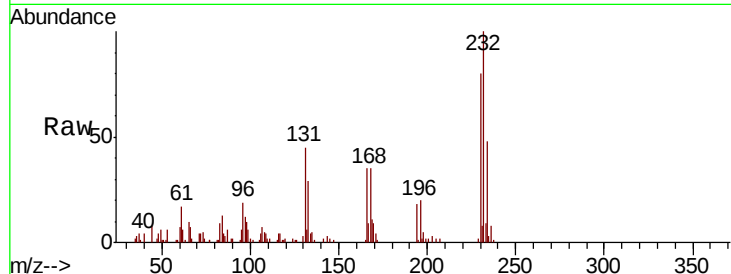




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.694 ng
 RT: 15.21 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

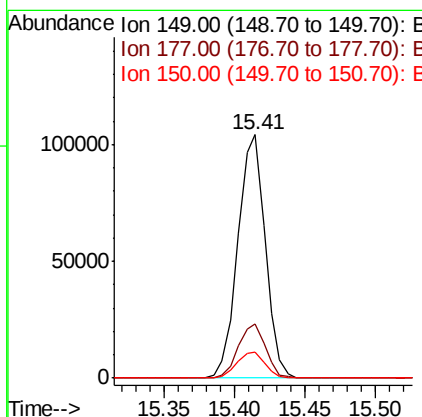
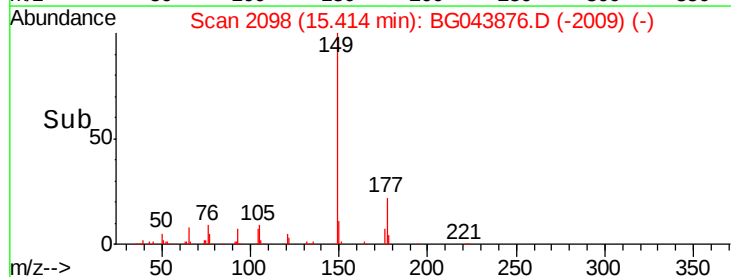
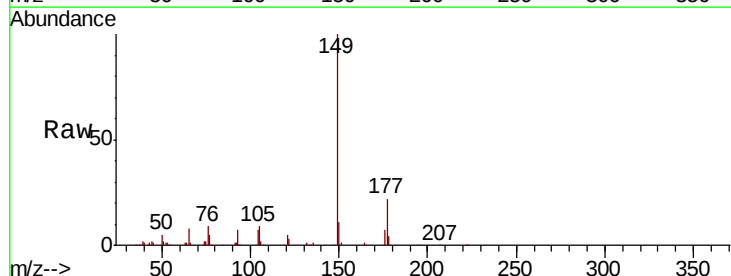
Instrument :
 BNA_G
 ClientSampleId :

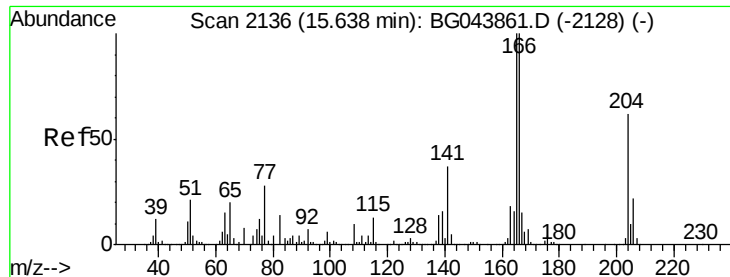
Tot Ion:232	Resp:	29517
Ion Ratio	Lower	Upper
232	100	
131	42.0	38.2 57.2
130	2.5	2.2 3.2
166	31.4	26.4 39.6



#60
 Diethylphthalate
 Concen: 5.658 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion:149	Resp:	141268
Ion Ratio	Lower	Upper
149	100	
177	22.4	20.0 30.0
150	10.8	11.1 16.7#





#61

4-Chlorophenyl-phenylether

Concen: 5.474 ng

RT: 15.63 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Instrument :

BNA_G

ClientSampled :

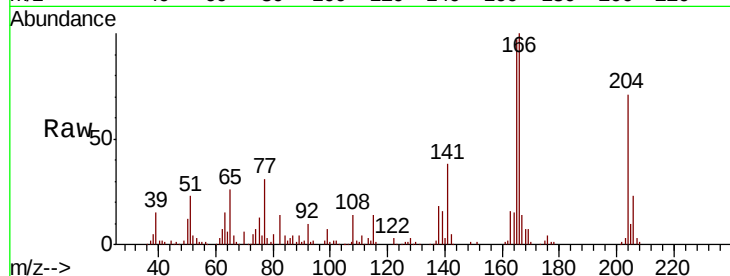
Tot Ion:204 Resp: 66580

Ion Ratio Lower Upper

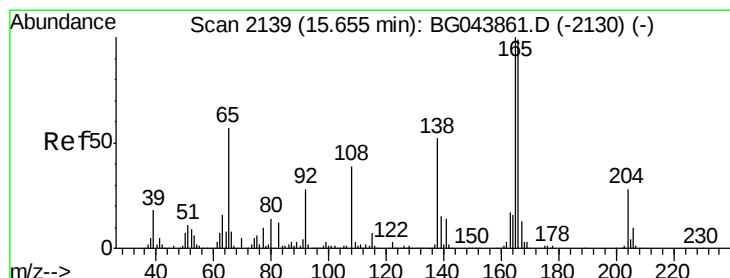
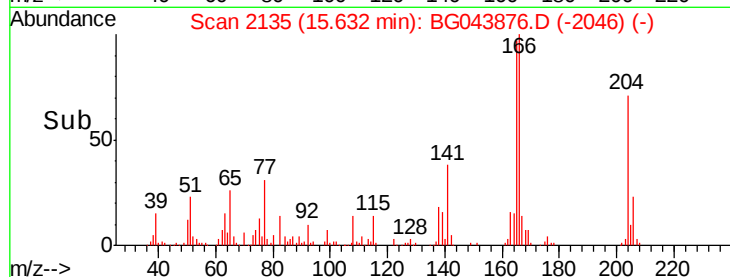
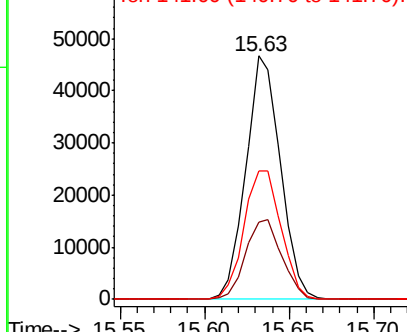
204 100

206 31.8 28.2 42.2

141 53.0 48.2 72.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 4.492 ng

RT: 15.64 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

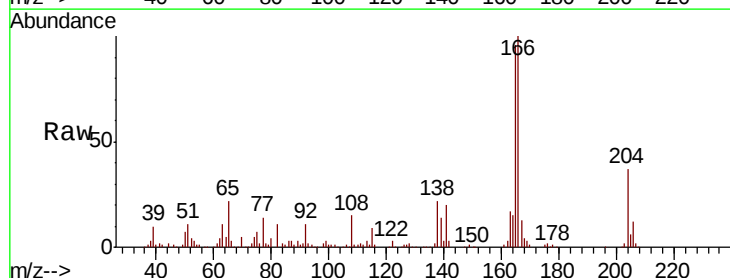
Tgt Ion:138 Resp: 28421

Ion Ratio Lower Upper

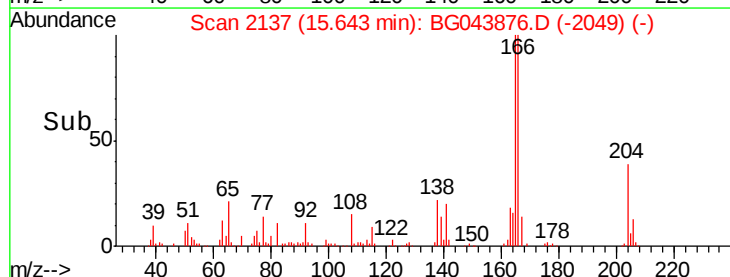
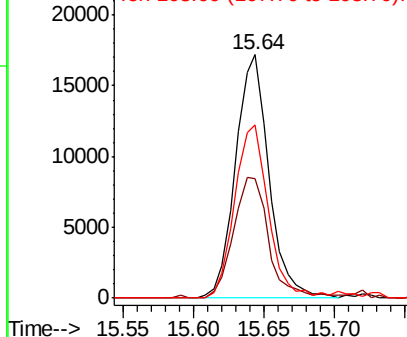
138 100

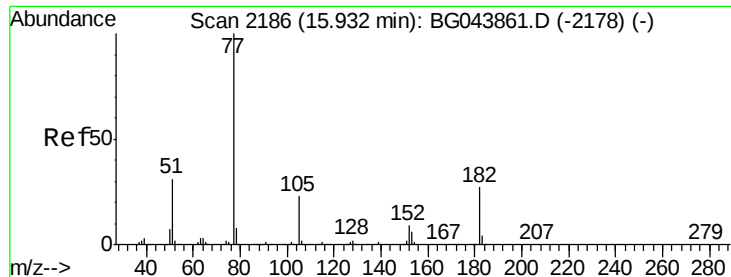
92 49.2 34.3 74.3

108 71.3 55.0 95.0



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





#63

Azobenzene

Concen: 5.562 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 128773

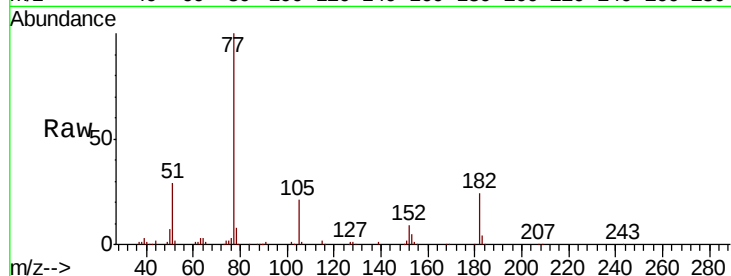
Ion Ratio Lower Upper

77 100

182 23.6 7.3 47.3

105 21.2 3.2 43.2

51 28.7 10.6 50.6

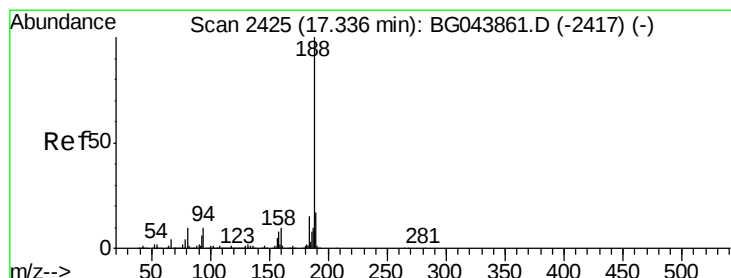
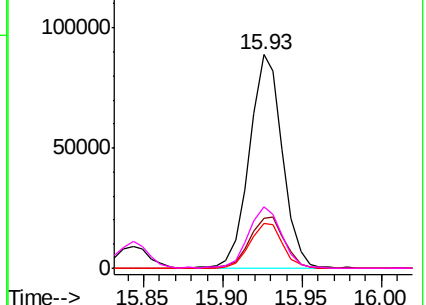
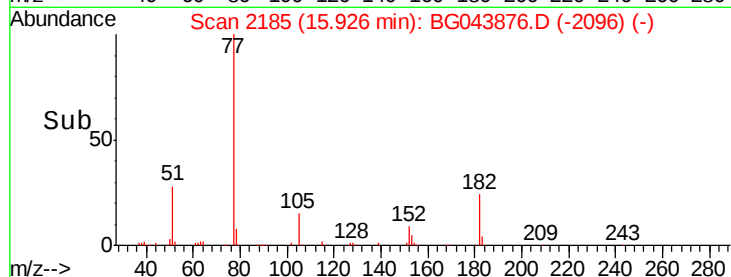


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043876.D

Acq: 2 Jan 2020 15:39

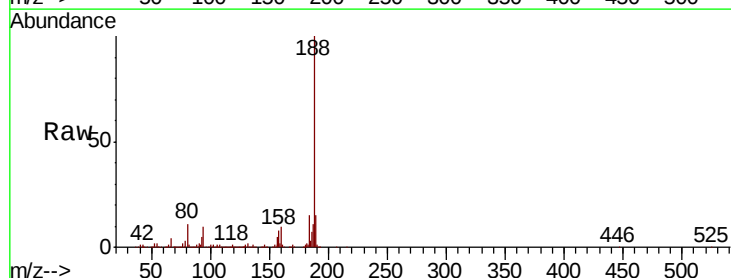
Tgt Ion: 188 Resp: 777812

Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

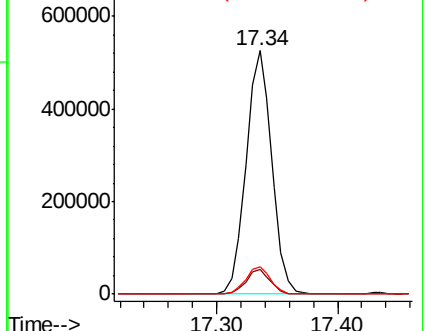
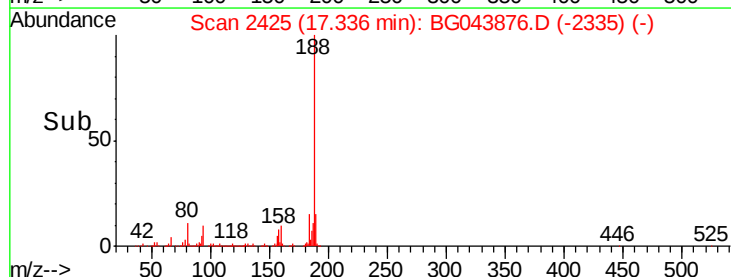
80 11.0 8.2 12.4

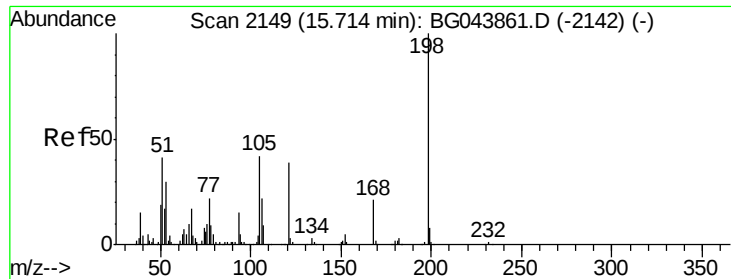


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

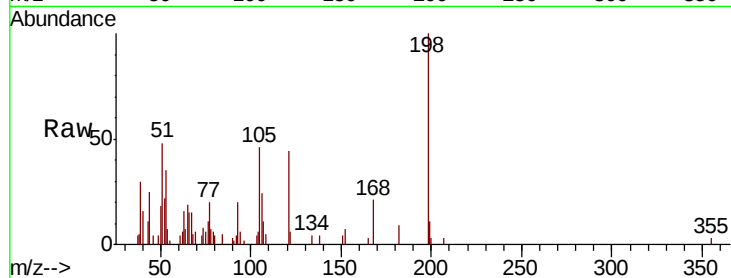




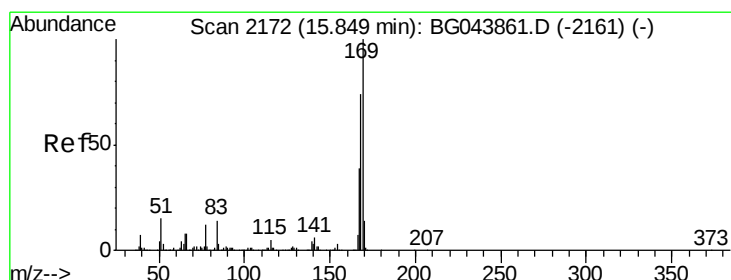
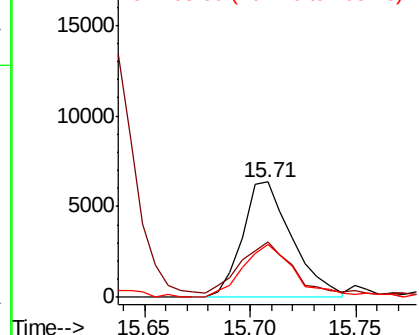
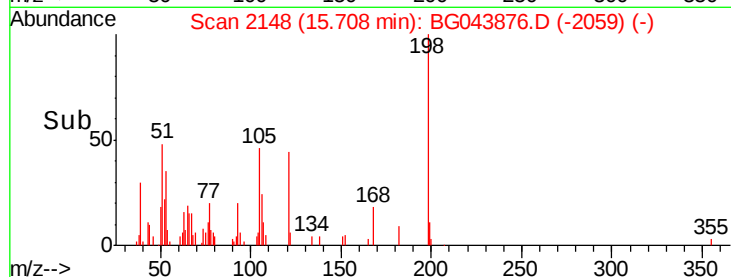
#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.740 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.1	22.5	62.5
105	45.8	22.3	62.3

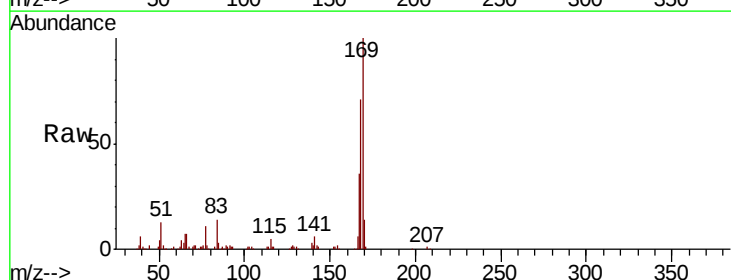


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

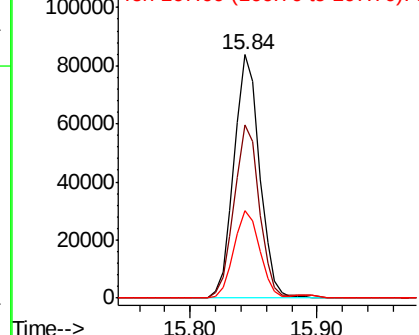
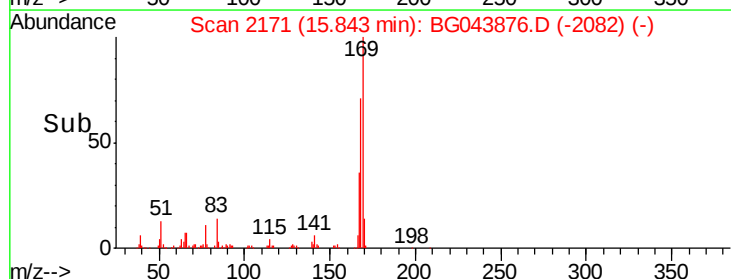


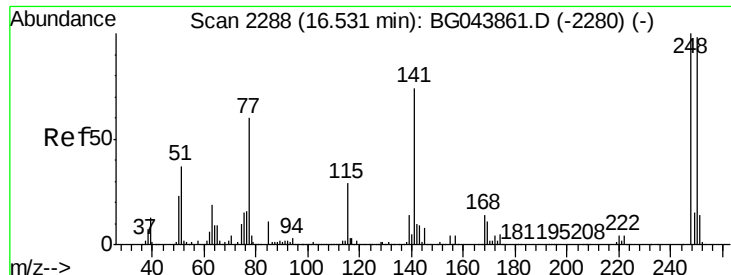
#66
 n-Nitrosodiphenylamine
 Concen: 5.073 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.2	59.0	88.6
167	35.7	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

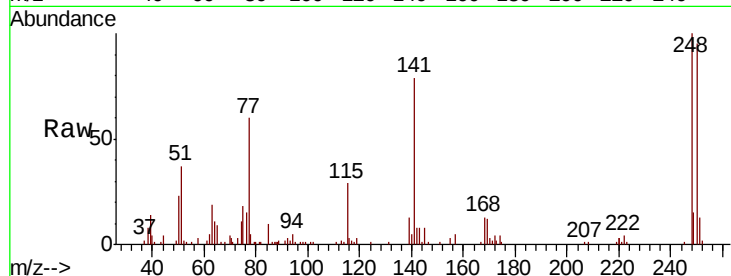




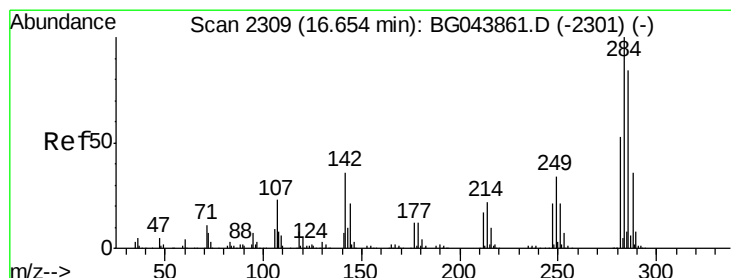
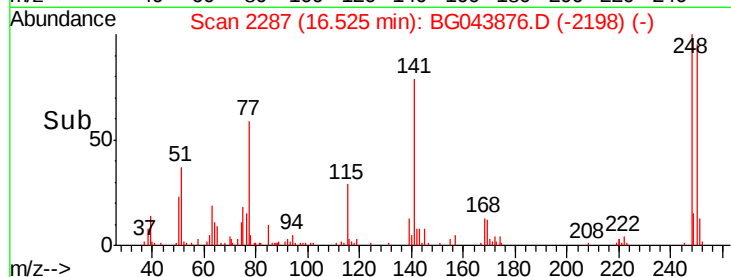
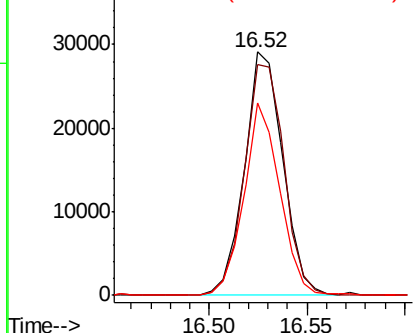
#67
 4-Bromophenyl-phenylether
 Concen: 4.540 ng
 RT: 16.52 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 39719
 Ion Ratio Lower Upper
 248 100
 250 94.6 78.2 117.2
 141 78.8 59.3 88.9

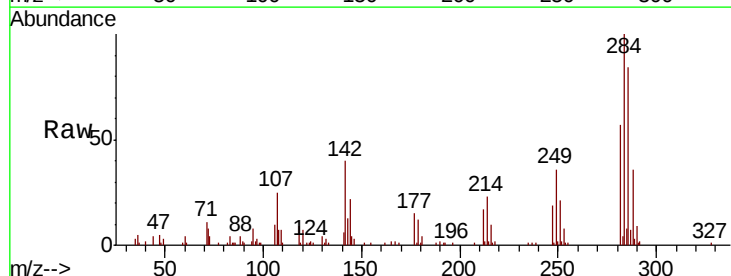


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

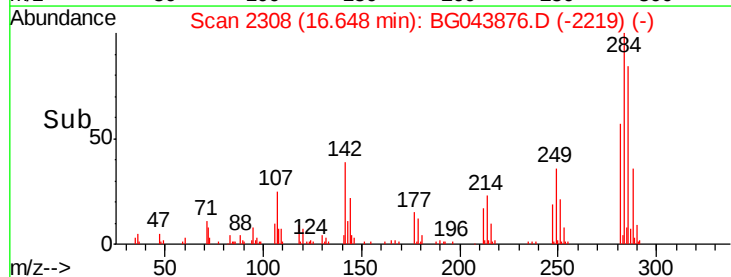
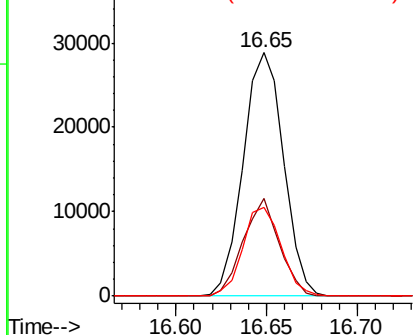


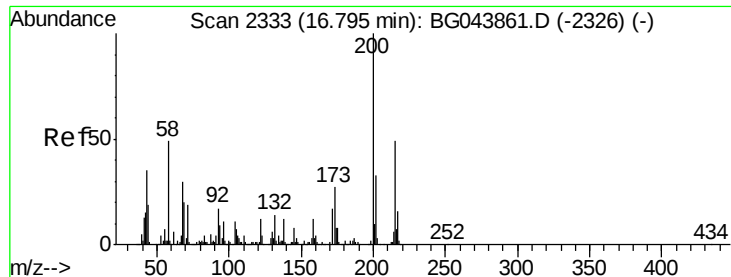
#68
 Hexachlorobenzene
 Concen: 4.720 ng
 RT: 16.65 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion:284 Resp: 44494
 Ion Ratio Lower Upper
 284 100
 142 40.0 28.6 43.0
 249 36.5 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: 4.564 ng

RT: 16.79 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Instrument :

BNA_G

ClientSampleId :

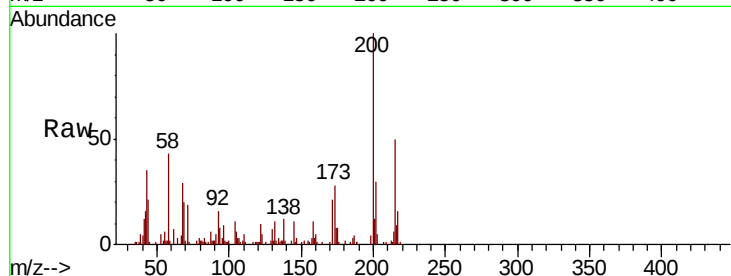
Tot Ion:200 Resp: 33981

Ion Ratio Lower Upper

200 100

173 28.0 6.6 46.6

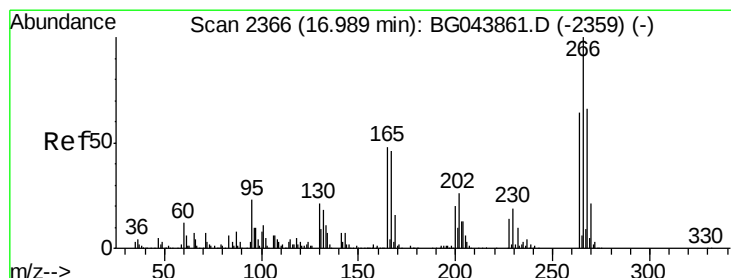
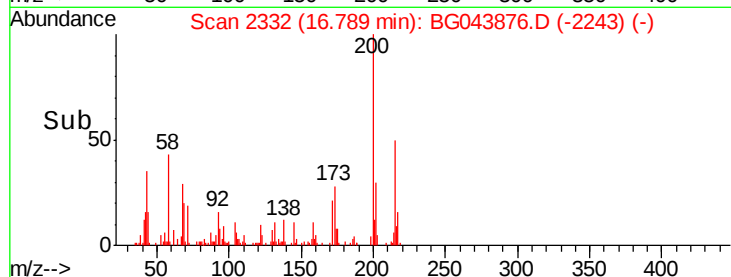
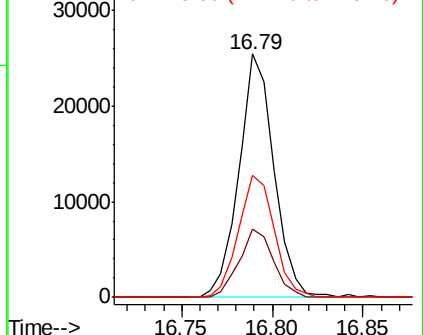
215 50.1 28.6 68.6



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: 2.518 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.00 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

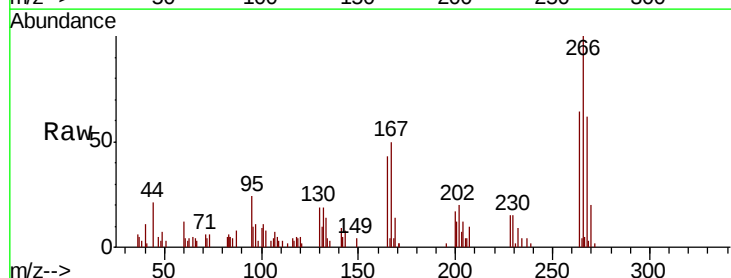
Tgt Ion:266 Resp: 13085

Ion Ratio Lower Upper

266 100

268 65.2 52.6 79.0

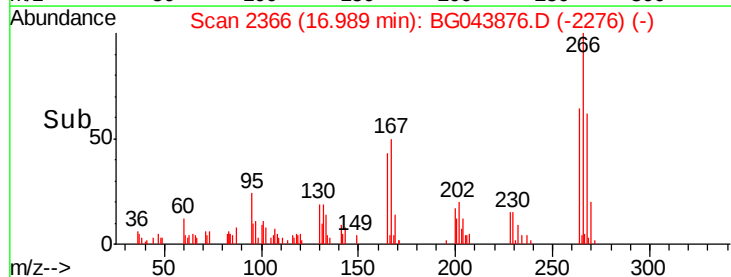
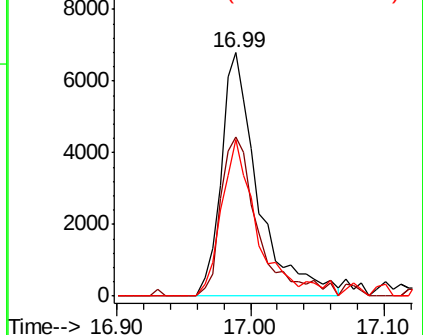
264 64.1 50.8 76.2

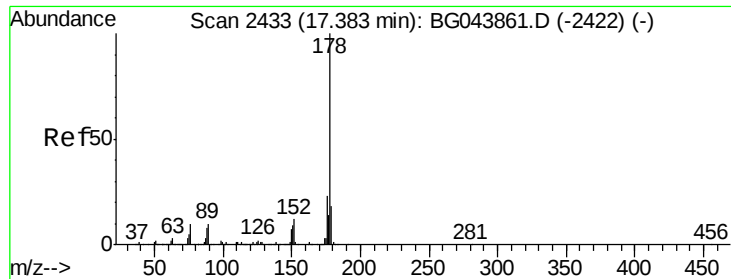


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

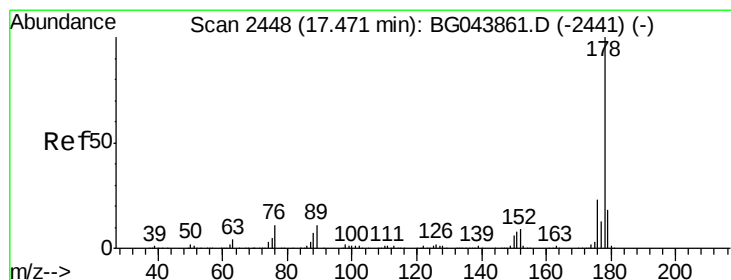
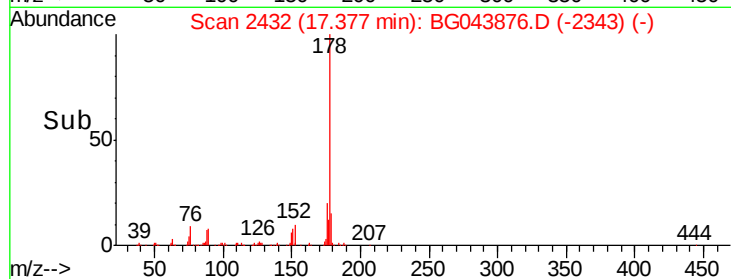
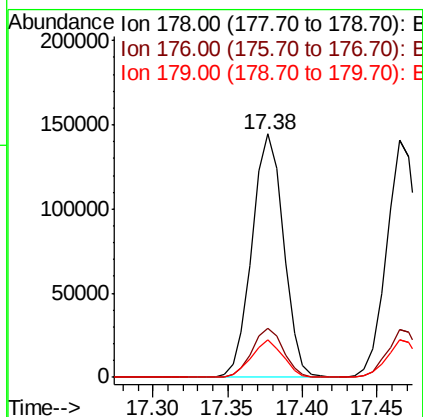
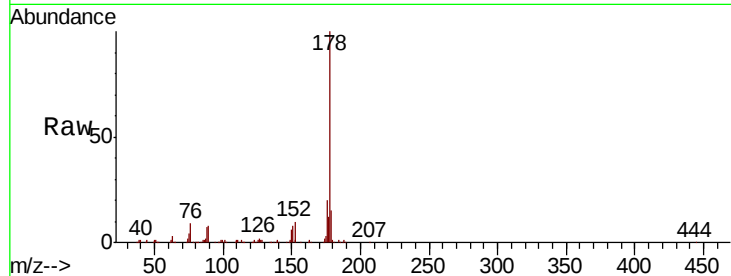




#71
Phenanthrene
Concen: 5.664 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

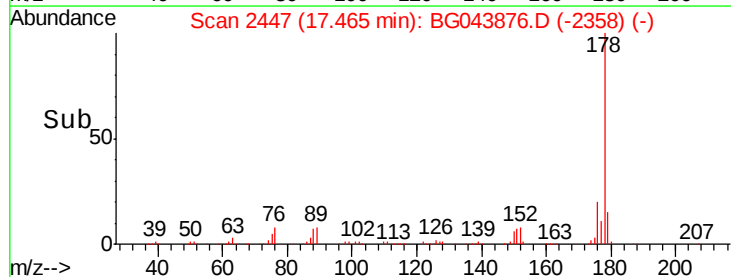
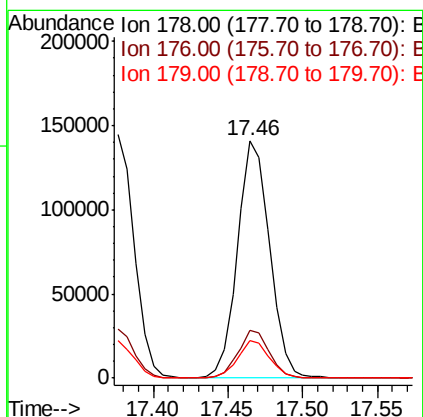
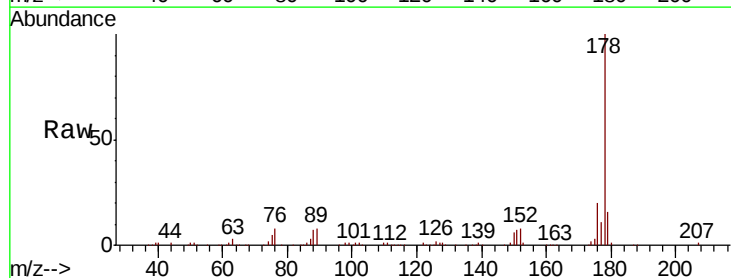
Instrument :
BNA_G
ClientSampleId :

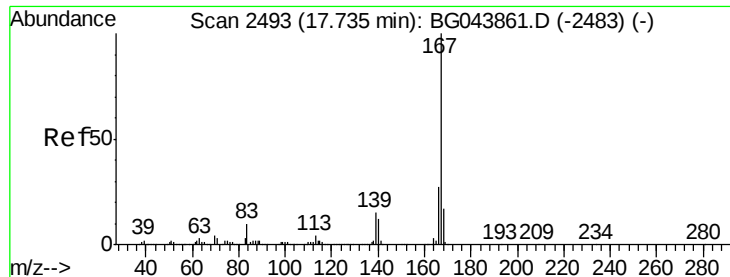
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	18.6	28.0
179	15.2	14.4	21.6



#72
Anthracene
Concen: 5.691 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	18.3	27.5
179	15.6	14.6	22.0

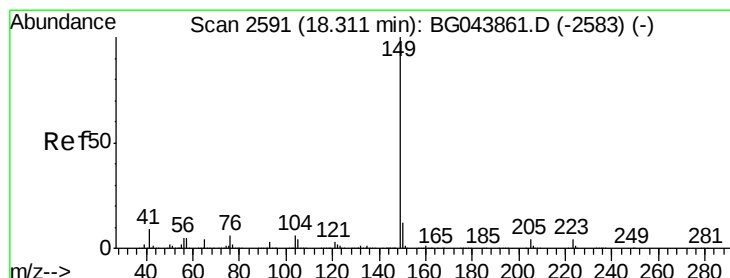
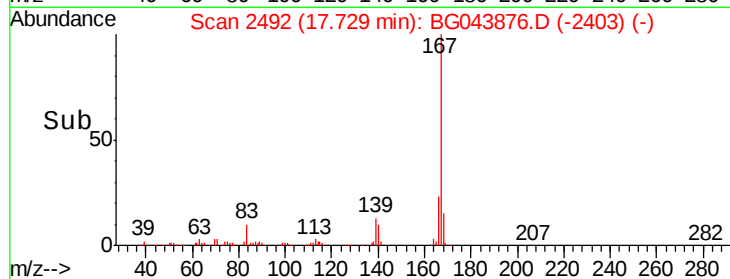
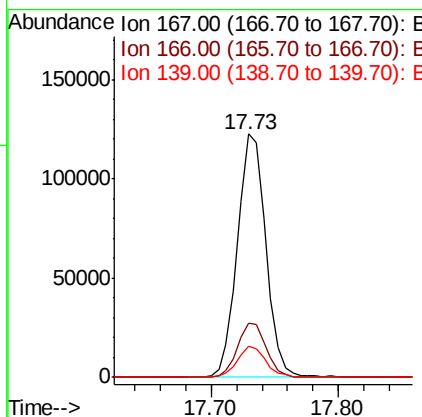
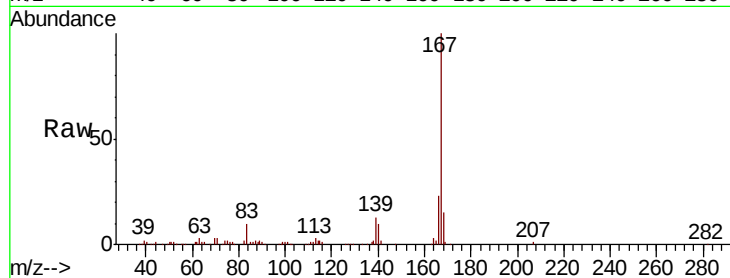




#73
 Carbazole
 Concen: 5.587 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

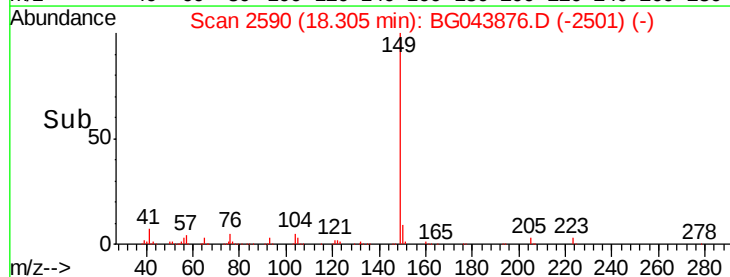
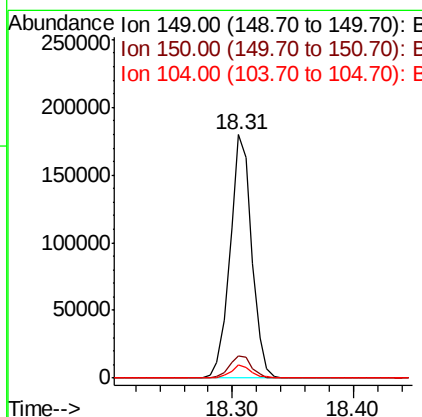
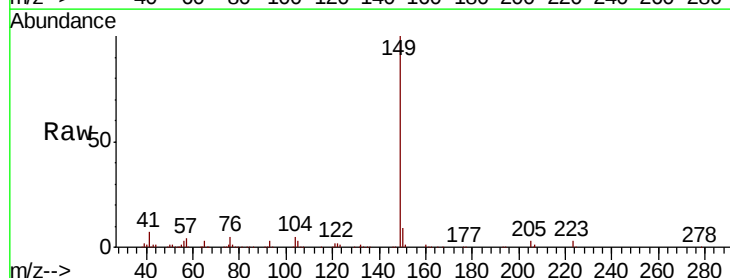
Instrument :
 BNA_G
 ClientSampleId :

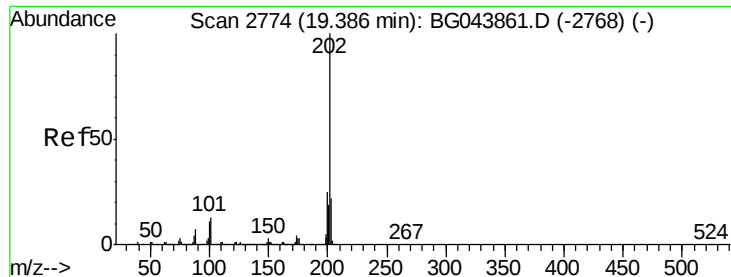
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	21.6	32.4
139	13.0	12.1	18.1



#74
 Di-n-butylphthalate
 Concen: 5.153 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	9.7	14.5#
104	5.4	5.0	7.4





#75

Fluoranthene

Concen: 5.662 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Instrument :

BNA_G

ClientSampleId :

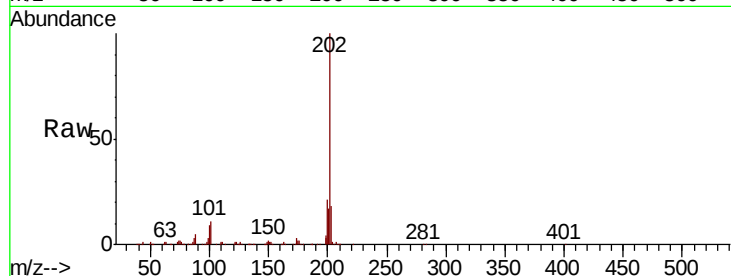
Tot Ion:202 Resp: 241560

Ion Ratio Lower Upper

202 100

101 10.7 0.0 33.3

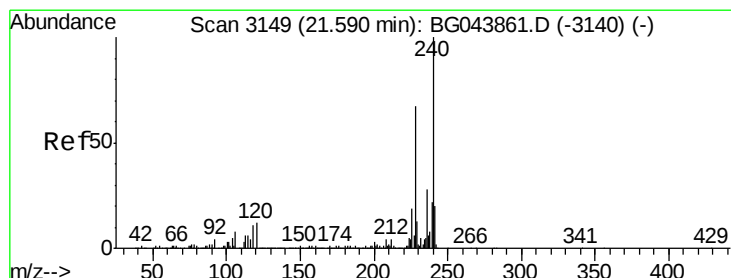
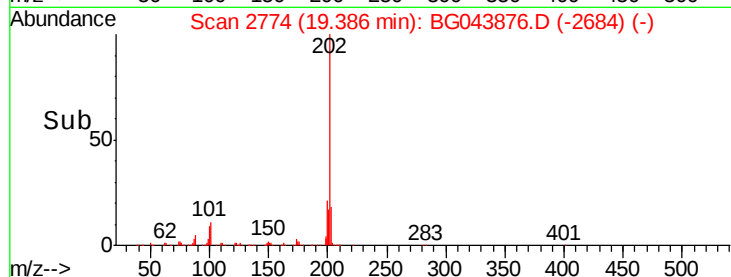
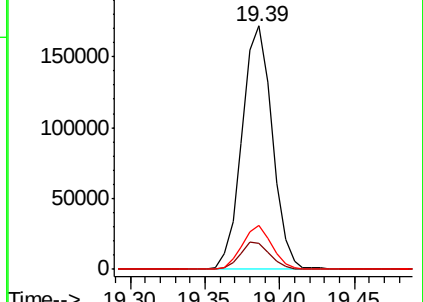
203 18.3 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

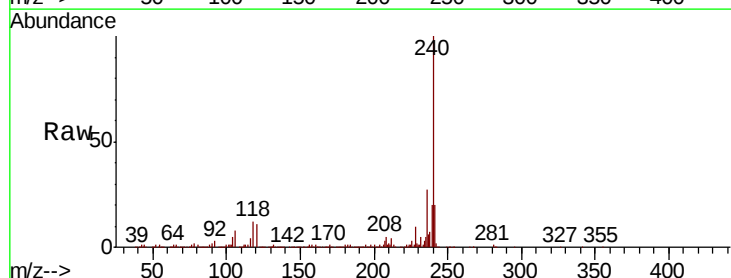
Tgt Ion:240 Resp: 697518

Ion Ratio Lower Upper

240 100

120 11.1 9.6 14.4

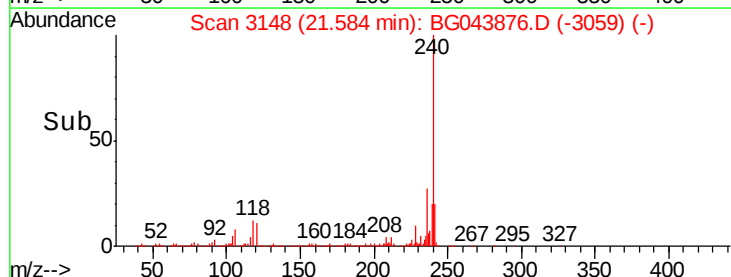
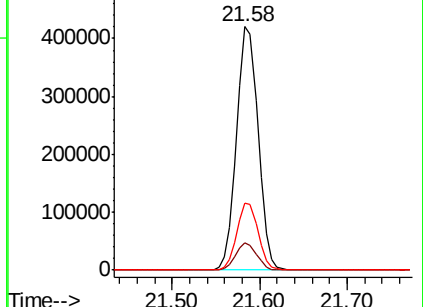
236 27.5 22.2 33.2

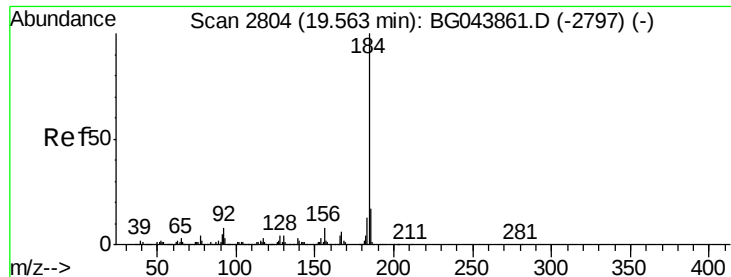


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.937 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Instrument :

BNA_G

ClientSampleId :

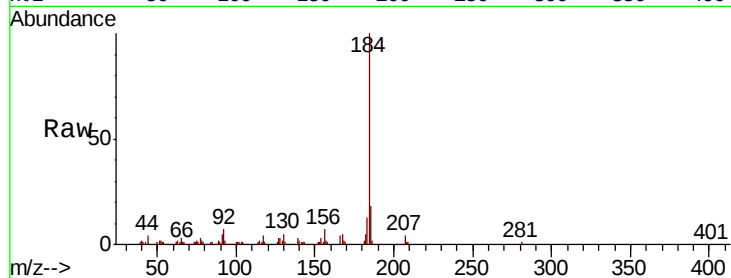
Tot Ion:184 Resp: 86558

Ion Ratio Lower Upper

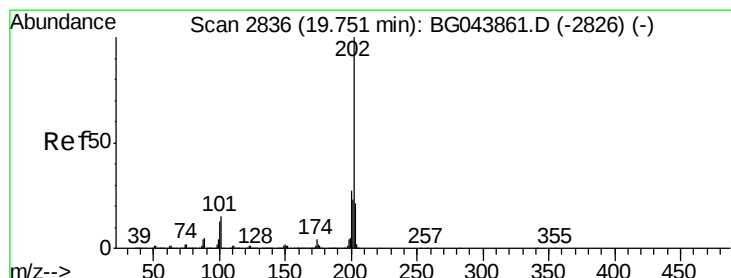
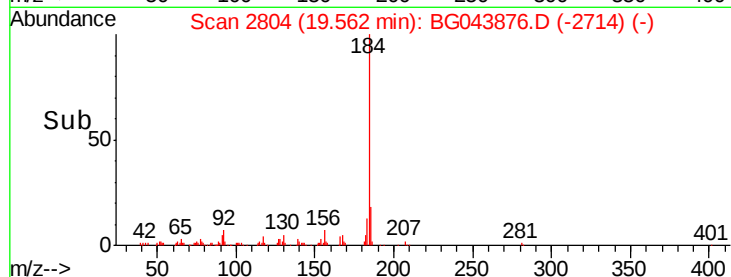
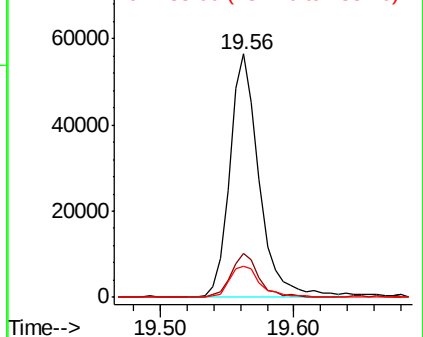
184 100

185 18.0 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: 5.558 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

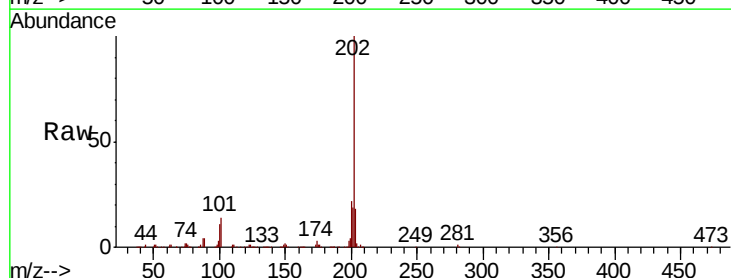
Tgt Ion:202 Resp: 253074

Ion Ratio Lower Upper

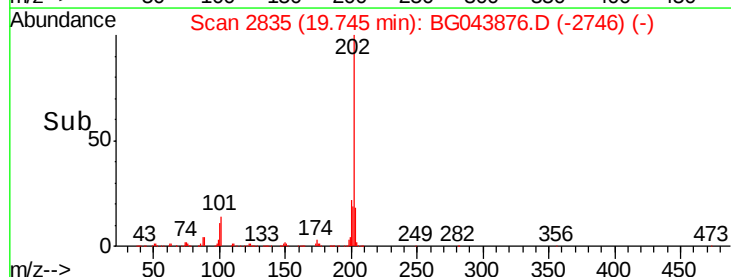
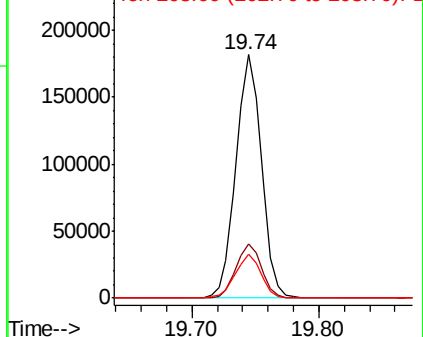
202 100

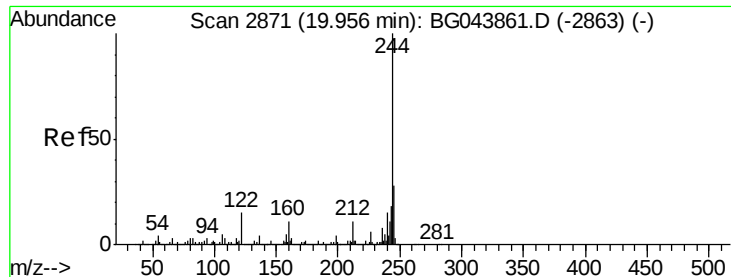
200 22.0 21.7 32.5

203 18.2 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: 97.482 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Instrument :

BNA_G

ClientSampleId :

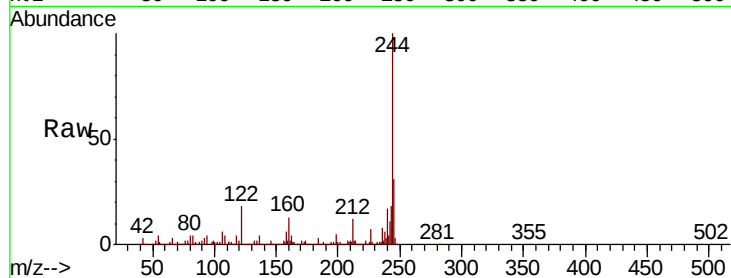
Tot Ion:244 Resp: 2816537

Ion Ratio Lower Upper

244 100

212 12.1 8.6 13.0

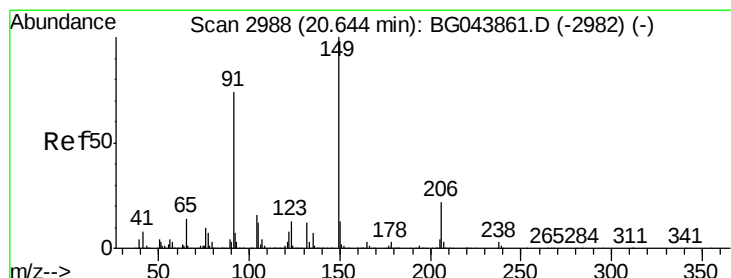
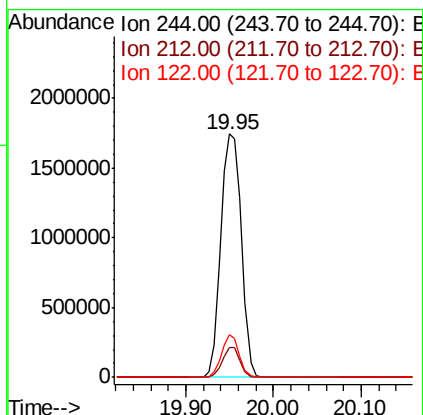
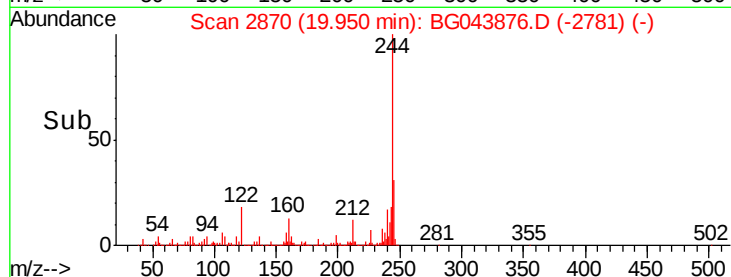
122 17.6 11.9 17.9



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: 3.971 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

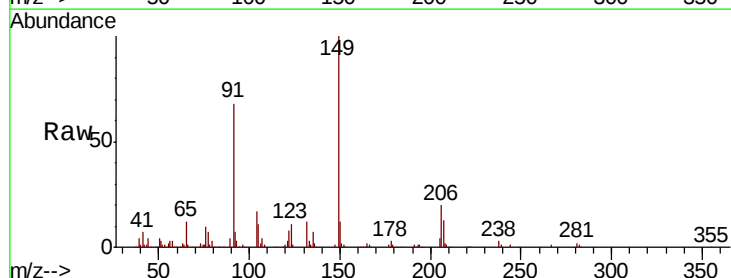
Tgt Ion:149 Resp: 86087

Ion Ratio Lower Upper

149 100

91 68.1 59.5 89.3

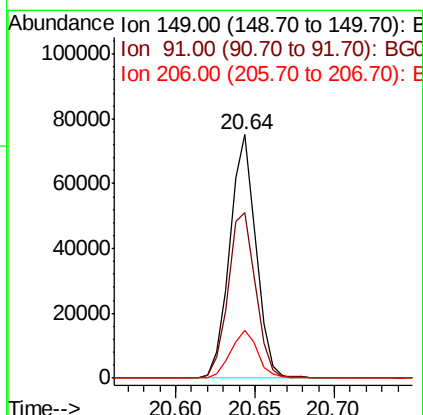
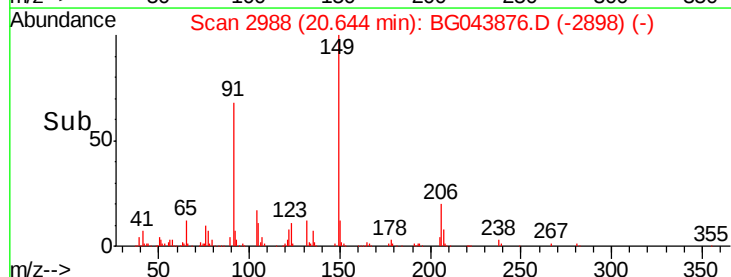
206 19.5 17.8 26.6

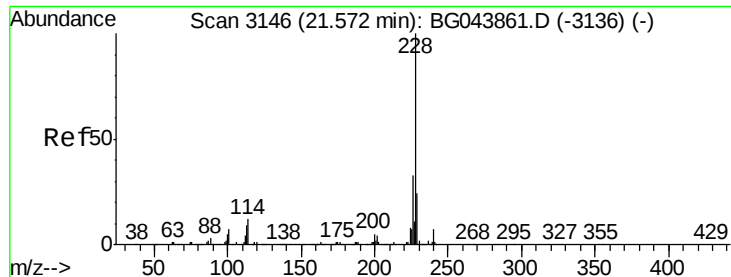


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

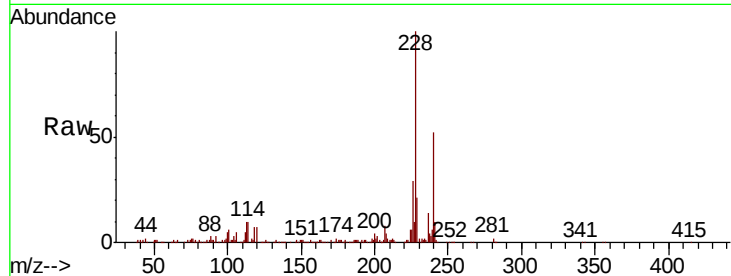




#81
Benzo(a)anthracene
Concen: 5.423 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	26.2	39.4
229	21.2	18.9	28.3

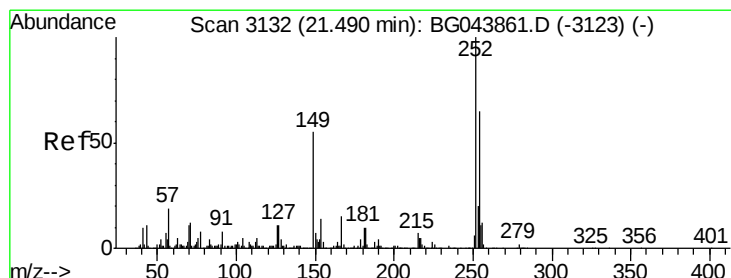
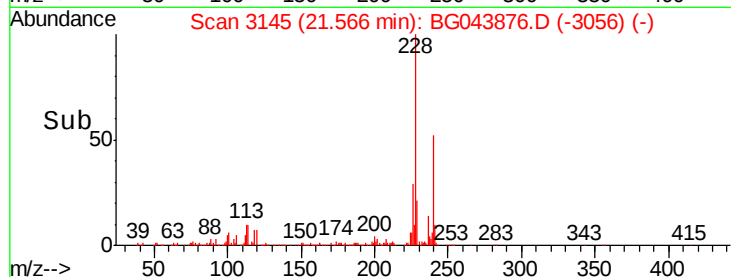
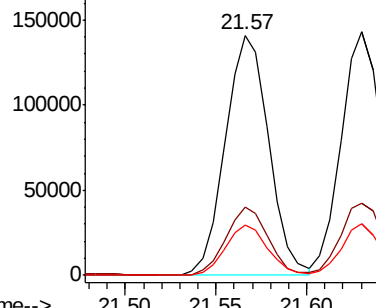


Abundance

Ion 228.00 (227.70 to 228.70): E

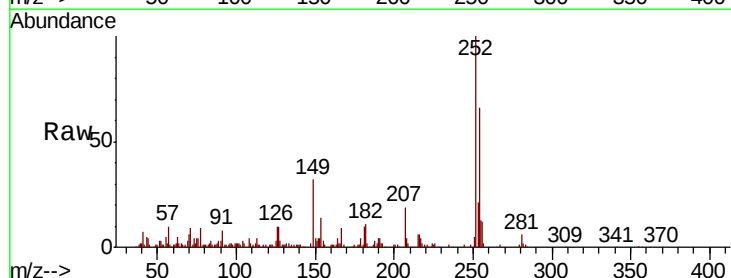
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 4.623 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	52.1	78.1
126	10.0	9.1	13.7

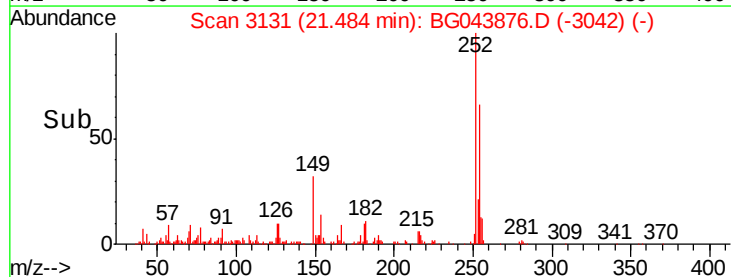
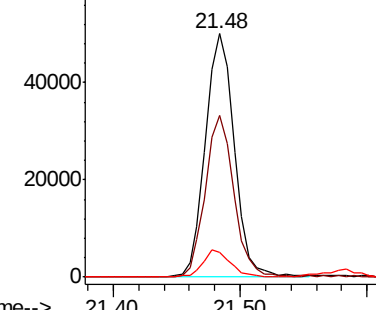


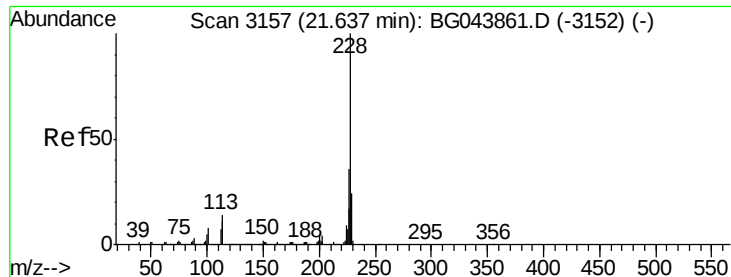
Abundance

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

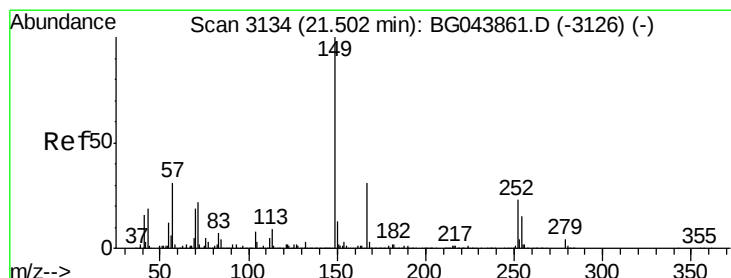
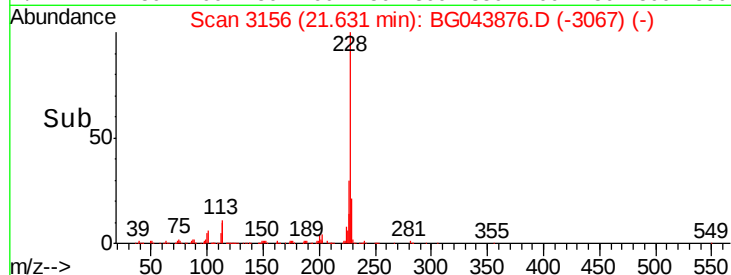
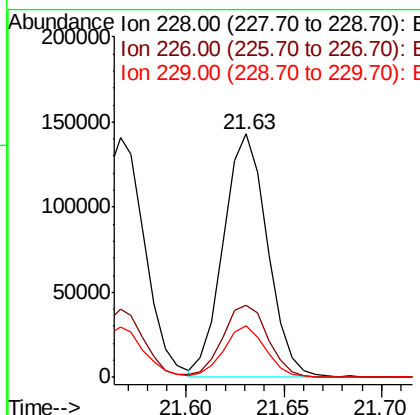
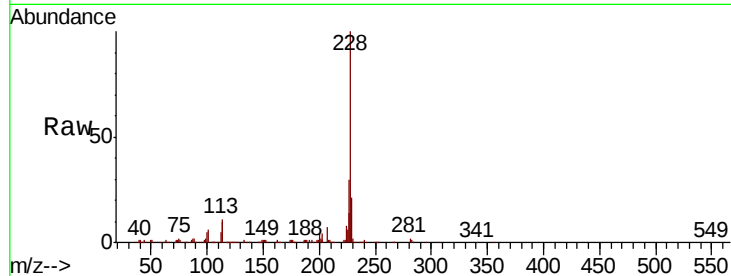




#83
 Chrvsene
 Concen: 5.411 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

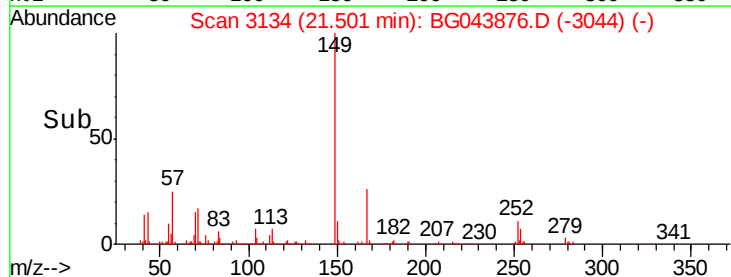
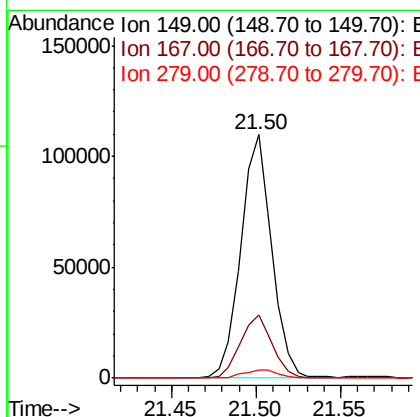
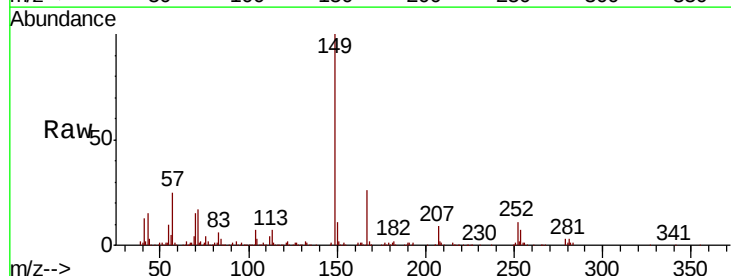
Instrument :
 BNA_G
 ClientSampleId :

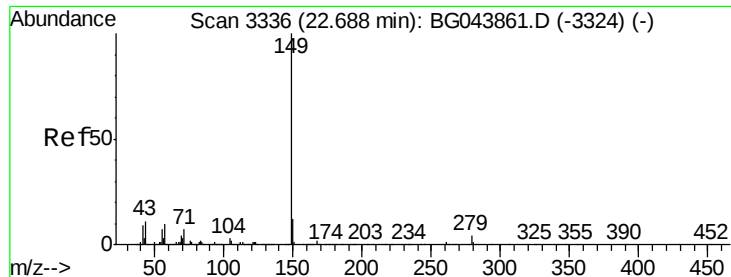
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	28.8	43.2
229	21.2	19.0	28.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.649 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BG043876.D
 Acq: 2 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	24.7	37.1
279	3.1	3.3	4.9

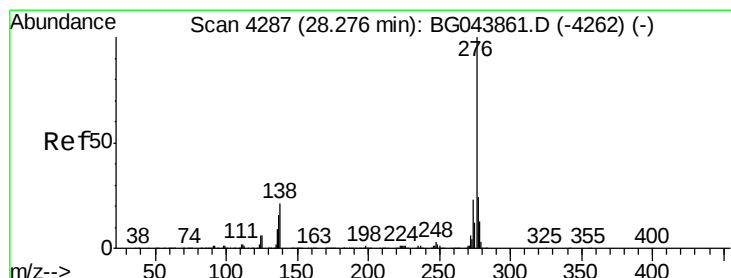
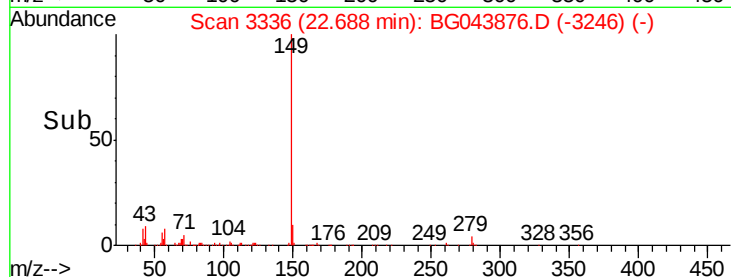
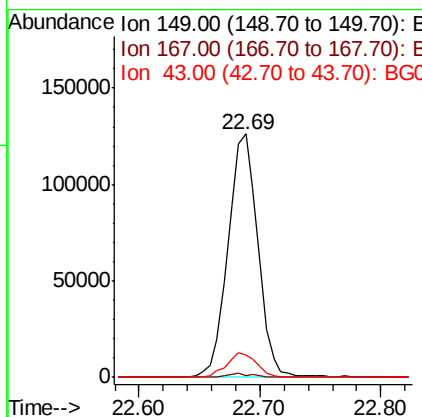
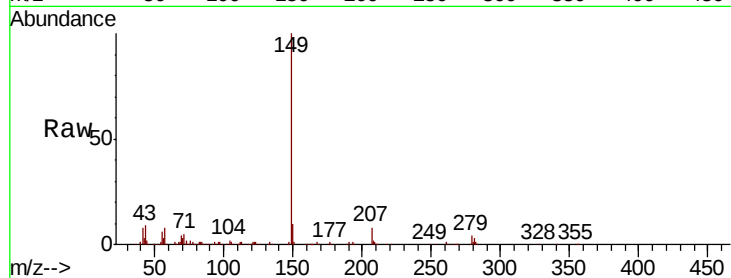




#85
Di-n-octyl phthalate
Concen: 4.293 ng
RT: 22.69 min Scan# 3336
Delta R.T. -0.00 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

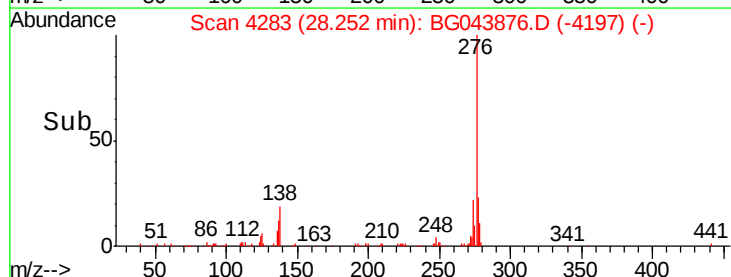
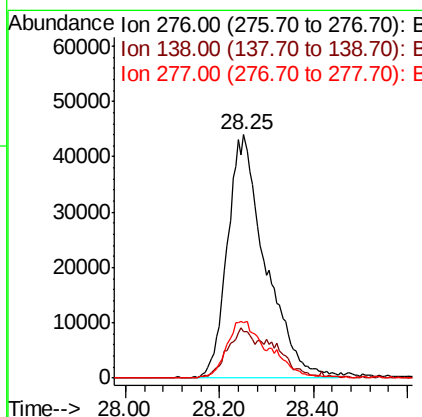
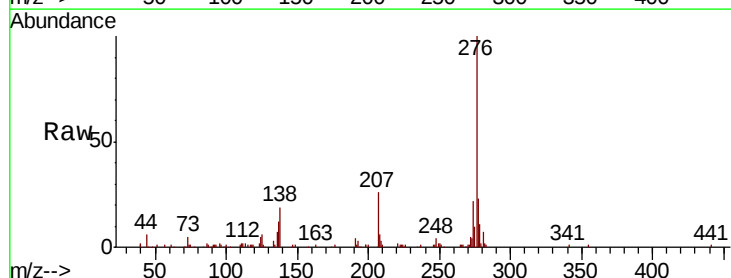
Instrument :
BNA_G
ClientSampleId :

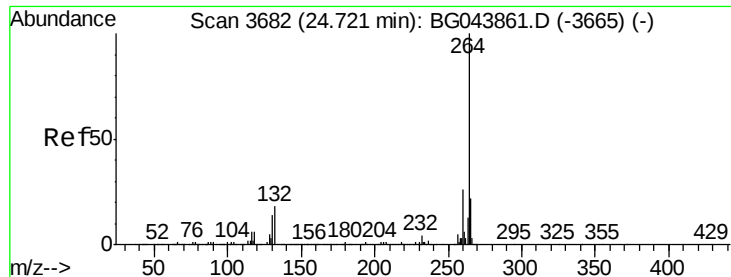
Tot Ion:149 Resp: 215872
Ion Ratio Lower Upper
149 100
167 1.4 1.4 2.0
43 10.5 8.8 13.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 4.420 ng
RT: 28.25 min Scan# 4283
Delta R.T. -0.02 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Tgt Ion:276 Resp: 246866
Ion Ratio Lower Upper
276 100
138 13.5 21.0 31.4#
277 19.5 21.1 31.7#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

Instrument :

BNA_G

ClientSampled :

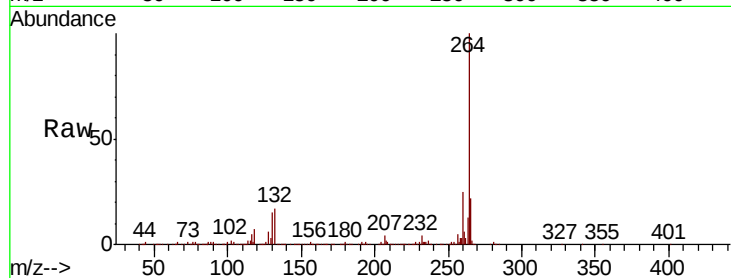
Tot Ion:264 Resp: 766925

Ion Ratio Lower Upper

264 100

260 25.2 20.4 30.6

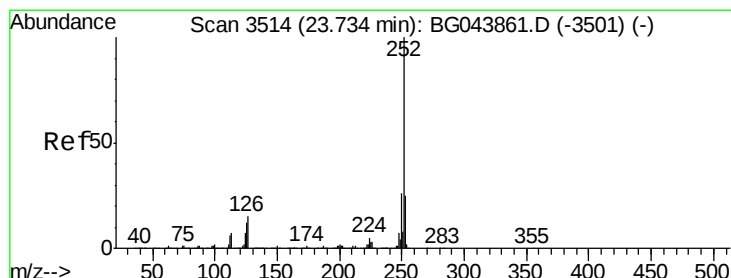
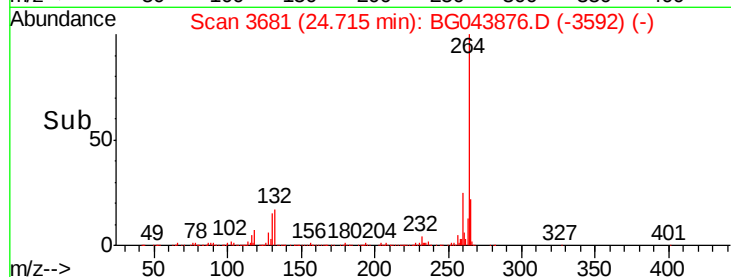
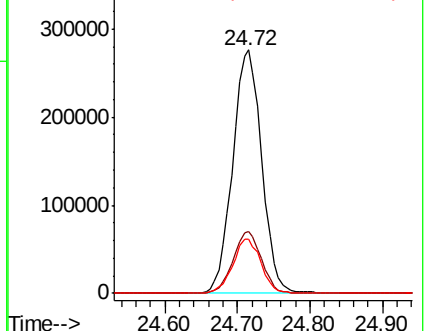
265 22.2 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 4.847 ng

RT: 23.72 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BG043876.D

Acq: 2 Jan 2020 15:39

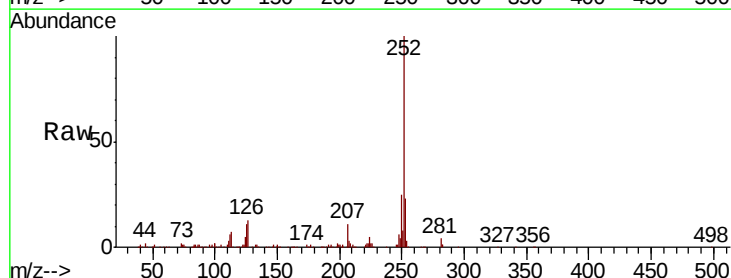
Tgt Ion:252 Resp: 219737

Ion Ratio Lower Upper

252 100

253 22.9 19.7 29.5

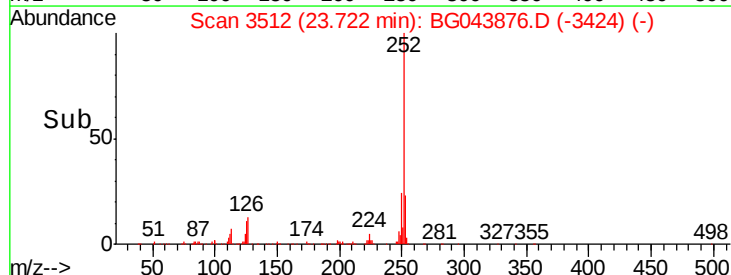
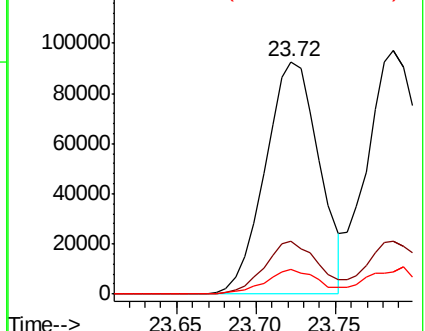
125 10.6 9.4 14.2

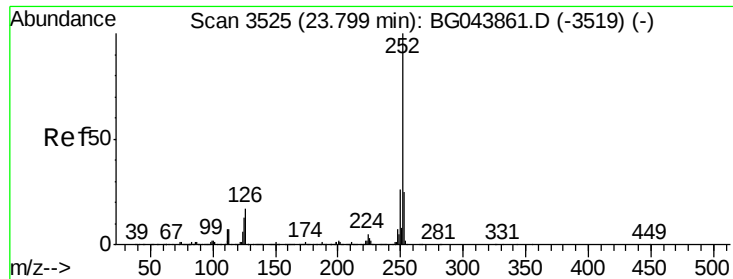


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

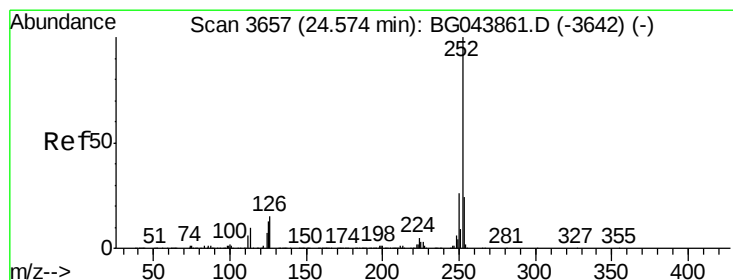
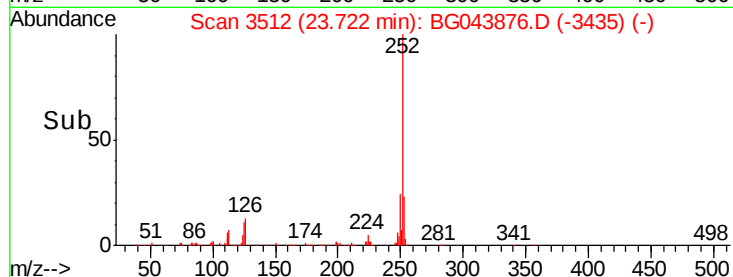
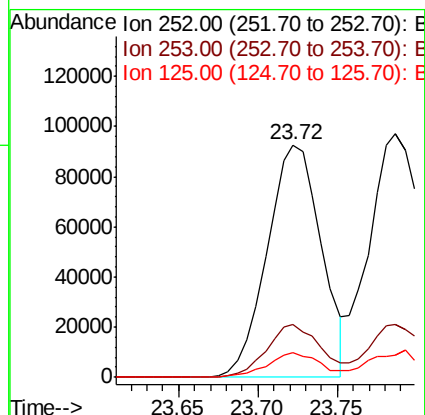
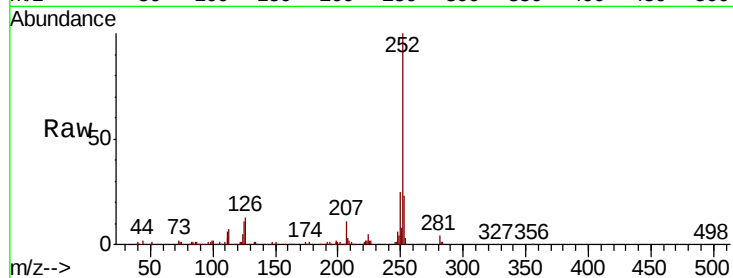




#89
Benzo(k)fluoranthene
Concen: 5.097 ng
RT: 23.72 min Scan# 3512
Delta R.T. -0.08 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

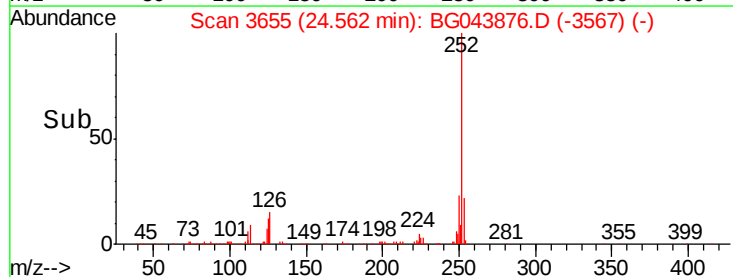
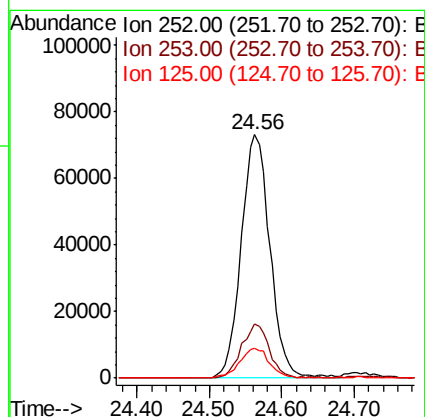
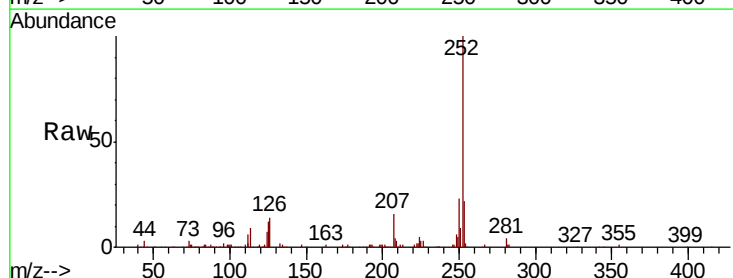
Instrument :
BNA_G
ClientSampleId :

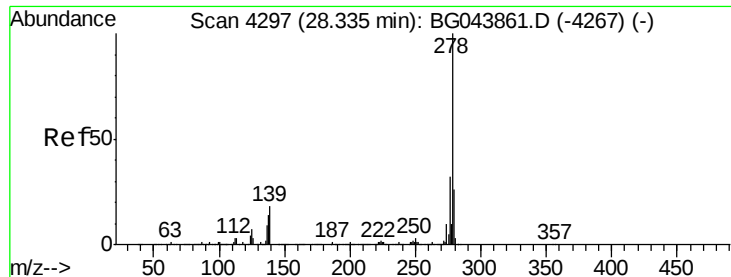
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.4	29.2
125	10.6	9.9	14.9



#90
Benzo(a)pyrene
Concen: 4.718 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.3	28.9
125	12.2	10.4	15.6

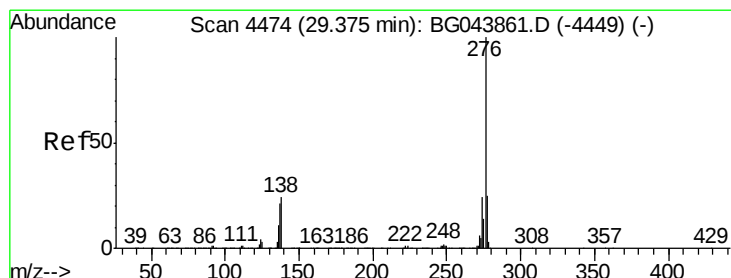
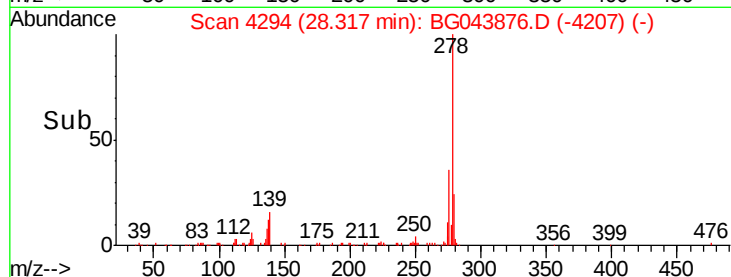
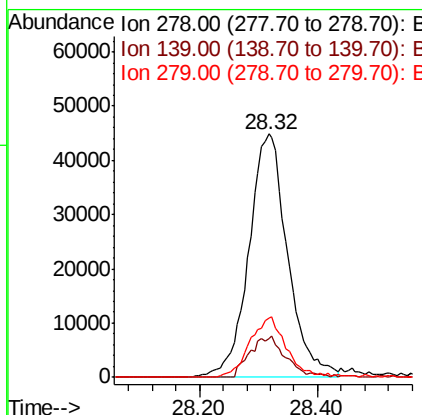
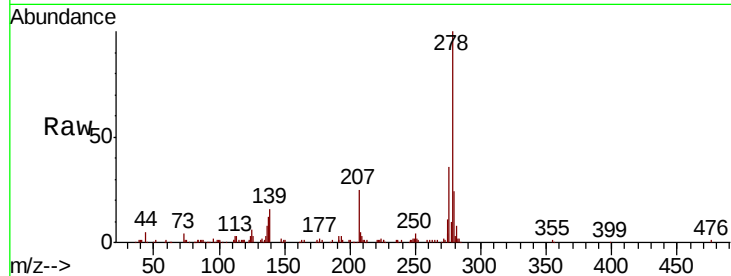




#91
Dibenzo(a,h)anthracene
Concen: 4.765 ng
RT: 28.32 min Scan# 4294
Delta R.T. -0.02 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.2	21.4
279	24.2	20.6	30.8



#92
Benzo(g,h,i)perylene
Concen: 4.755 ng
RT: 29.35 min Scan# 4469
Delta R.T. -0.03 min
Lab File: BG043876.D
Acq: 2 Jan 2020 15:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.9	20.2	30.4
138	22.4	19.0	28.6

