

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
 Data File : BG043877.D
 Acq On : 2 Jan 2020 16:18
 Operator : JU
 Sample : K5111-07
 Misc : LOD-MDL WATER 8PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 02 17:46:21 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	122161	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	546958	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	362670	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	787817	20.00	ng	0.00
76) Chrysene-d12	21.59	240	703707	20.00	ng	0.00
87) Perylene-d12	24.71	264	778697	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	933947	140.38	ng	0.00
7) Phenol-d6	7.12	99	1293603	139.10	ng	0.00
23) Nitrobenzene-d5	9.12	82	1003665	98.16	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	548343	144.48	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2118194	105.82	ng	0.00
79) Terphenyl-d14	19.95	244	2838784	97.39	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	22600	7.791	ng	100
3) Pyridine	3.83	79	59315	6.921	ng	90
4) n-Nitrosodimethylamine	3.75	42	28171	7.383	ng	# 95
6) Aniline	7.29	93	95504	7.818	ng	98
8) 2-Chlorophenol	7.53	128	59959	7.677	ng	97
9) Benzaldehyde	7.10	77	59535	10.002	ng	96
10) Phenol	7.15	94	72654	7.582	ng	95
11) bis(2-Chloroethyl)ether	7.38	93	64344	7.779	ng	97
12) 1,3-Dichlorobenzene	7.86	146	69443	7.598	ng	99
13) 1,4-Dichlorobenzene	8.00	146	71124	7.887	ng	98
14) 1,2-Dichlorobenzene	8.31	146	65102	7.521	ng	94
15) Benzyl Alcohol	8.19	79	52815	7.196	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.50	45	95569	7.468	ng	98
17) 2-Methylphenol	8.40	107	50134	7.230	ng	94
18) Hexachloroethane	9.05	117	26729	7.617	ng	96
19) n-Nitroso-di-n-propylamine	8.77	70	51541	7.442	ng	# 96
20) 3+4-Methylphenols	8.73	107	70155	7.253	ng	98
22) Acetophenone	8.78	105	97792	7.192	ng	# 98
24) Nitrobenzene	9.15	77	74111	7.319	ng	97
25) Isophorone	9.68	82	140859	7.343	ng	99
26) 2-Nitrophenol	9.87	139	30281	6.320	ng	91
27) 2,4-Dimethylphenol	9.93	122	40383	5.600	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	91801	7.179	ng	97
29) 2,4-Dichlorophenol	10.41	162	56397	6.556	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	70141	7.272	ng	98
31) Naphthalene	10.81	128	212078	8.013	ng	97
33) 4-Chloroaniline	10.91	127	86154	6.824	ng	97
34) Hexachlorobutadiene	11.12	225	40750	6.920	ng	98
35) Caprolactam	11.65	113	21338	6.663	ng	95
36) 4-Chloro-3-methylphenol	12.03	107	63624	6.948	ng	97
37) 2-Methylnaphthalene	12.42	142	157287	7.893	ng	97
38) 1-Methylnaphthalene	12.64	142	154102	8.160	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	78948	7.427	ng	99
41) Hexachlorocyclopentadiene	12.78	237	38262	6.943	ng	93

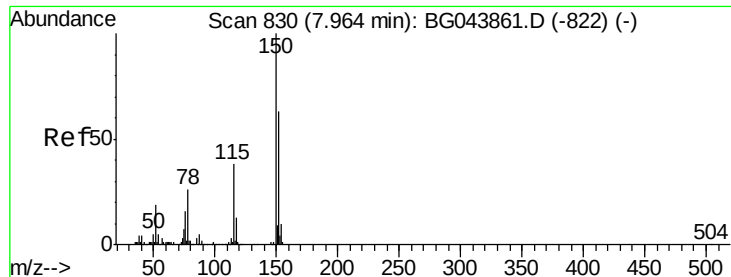
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
 Data File : BG043877.D
 Acq On : 2 Jan 2020 16:18
 Operator : JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 16:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.02	196	45083	6.164	ng	99
44) 2,4,5-Trichlorophenol	13.09	196	54769	7.260	ng	94
46) 1,1'-Biphenyl	13.43	154	206640	7.947	ng	99
47) 2-Chloronaphthalene	13.47	162	158487	7.543	ng	95
48) 2-Nitroaniline	13.66	65	40317	5.965	ng	98
49) Acenaphthylene	14.31	152	254516	8.428	ng	92
50) Dimethylphthalate	14.04	163	204658	7.948	ng	97
51) 2,6-Dinitrotoluene	14.15	165	42116	7.236	ng	96
52) Acenaphthene	14.65	154	156279	7.379	ng	98
53) 3-Nitroaniline	14.48	138	42120	6.373	ng	96
54) 2,4-Dinitrophenol	14.68	184	9094	3.466	ng	# 72
55) Dibenzofuran	14.99	168	251510	8.626	ng	94
56) 4-Nitrophenol	14.79	139	32167	6.351	ng	99
57) 2,4-Dinitrotoluene	14.94	165	52867	6.675	ng	# 93
58) Fluorene	15.64	166	196900	8.521	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	45511	7.016	ng	99
60) Diethylphthalate	15.41	149	209935	8.151	ng	# 94
61) 4-Chlorophenyl-phenylether	15.64	204	99346	7.917	ng	98
62) 4-Nitroaniline	15.64	138	43587	6.678	ng	92
63) Azobenzene	15.93	77	198030	8.291	ng	97
65) 4,6-Dinitro-2-methylphenol	15.71	198	19256	5.026	ng	93
66) n-Nitrosodiphenylamine	15.85	169	177461	7.649	ng	98
67) 4-Bromophenyl-phenylether	16.53	248	59905	6.761	ng	96
68) Hexachlorobenzene	16.65	284	67261	7.045	ng	91
69) Atrazine	16.79	200	54761	7.261	ng	100
70) Pentachlorophenol	16.99	266	23724	4.508	ng	90
71) Phenanthrene	17.38	178	321631	8.512	ng	93
72) Anthracene	17.47	178	320130	8.572	ng	95
73) Carbazole	17.73	167	289575	8.394	ng	93
74) Di-n-butylphthalate	18.31	149	354861	8.057	ng	# 94
75) Fluoranthene	19.38	202	377318	8.731	ng	92
77) Benzidine	19.56	184	134072	7.580	ng	99
78) Pyrene	19.75	202	384915	8.380	ng	92
80) Butylbenzylphthalate	20.64	149	143716	6.572	ng	95
81) Benzo(a)anthracene	21.56	228	357120	8.184	ng	92
82) 3,3'-Dichlorobenzidine	21.48	252	128257	7.440	ng	99
83) Chrysene	21.63	228	339438	8.187	ng	92
84) Bis(2-ethylhexyl)phthalate	21.50	149	217252	7.200	ng	92
85) Di-n-octyl phthalate	22.69	149	348927	6.878	ng	98
86) Indeno(1,2,3-cd)pyrene	28.25	276	381911	6.778	ng	99
88) Benzo(b)fluoranthene	23.72	252	348191	7.564	ng	98
89) Benzo(k)fluoranthene	23.78	252	348602	7.963	ng	95
90) Benzo(a)pyrene	24.56	252	315457	7.260	ng	95
91) Dibenzo(a,h)anthracene	28.32	278	321318	7.364	ng	94
92) Benzo(g,h,i)perylene	29.34	276	318265	7.343	ng	99

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

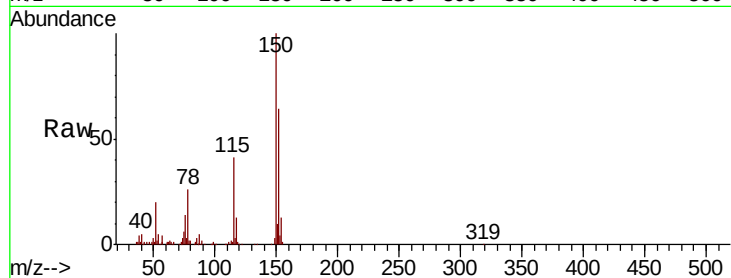


#1

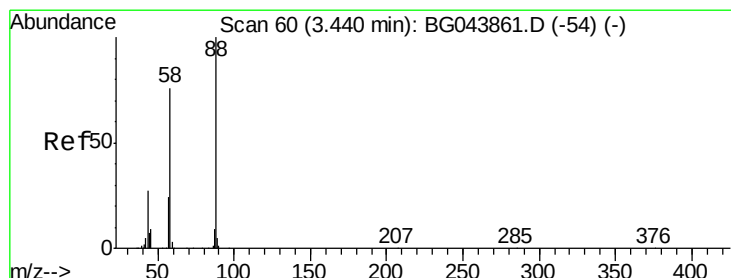
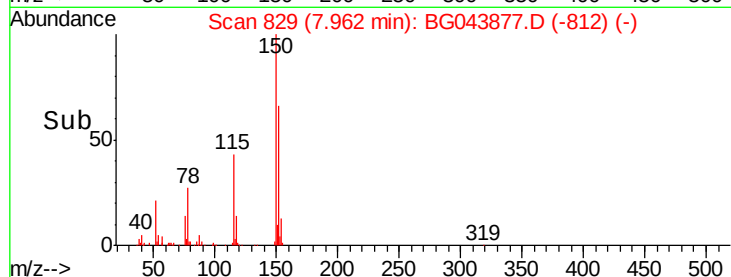
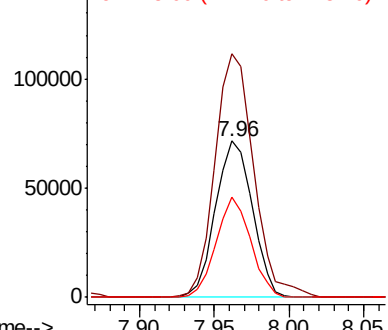
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 122161
Ion Ratio Lower Upper
152 100
150 155.9 127.0 190.4
115 64.2 47.8 71.8



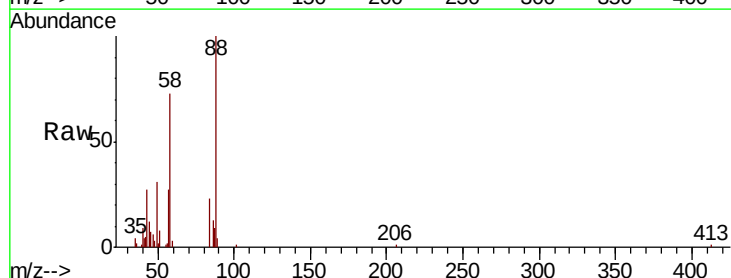
Abundance Ion 152.00 (151.70 to 152.70): E
150000 Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



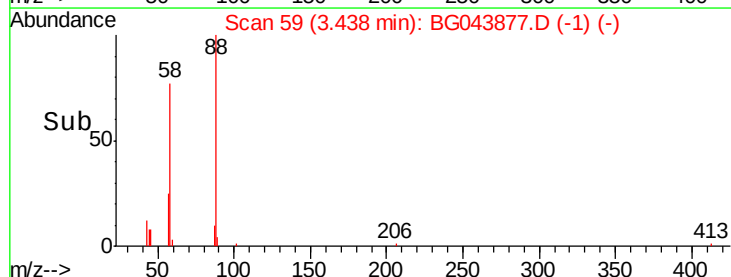
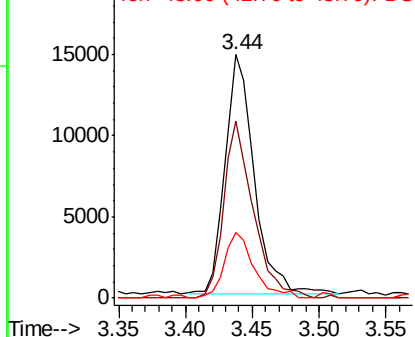
#2

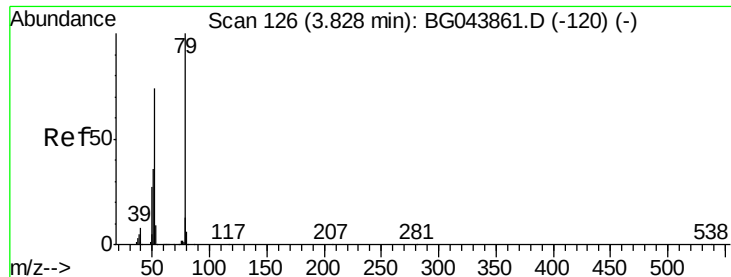
1,4-Dioxane
Concen: 7.791 ng
RT: 3.44 min Scan# 59
Delta R.T. -0.00 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Tgt Ion: 88 Resp: 22600
Ion Ratio Lower Upper
88 100
58 74.6 59.8 89.8
43 28.2 22.9 34.3



Abundance Ion 88.00 (87.70 to 88.70): BGC
20000 Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 6.921 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Instrument :

BNA_G

ClientSampleId :

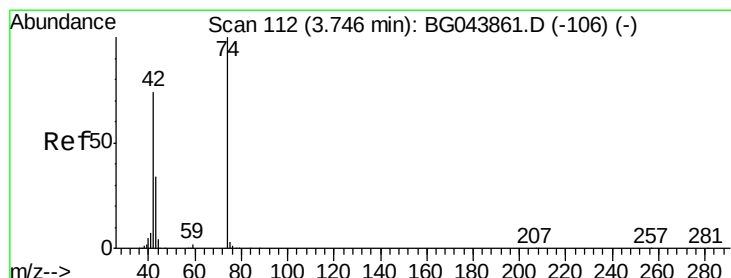
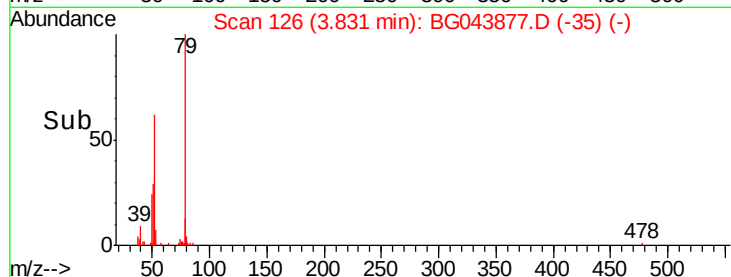
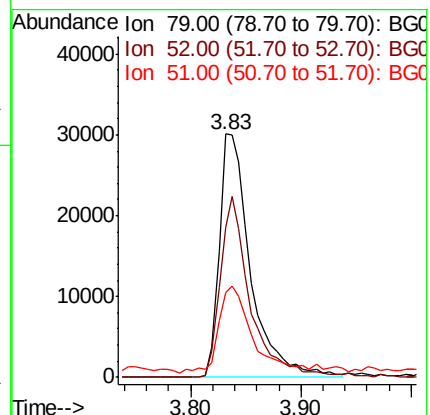
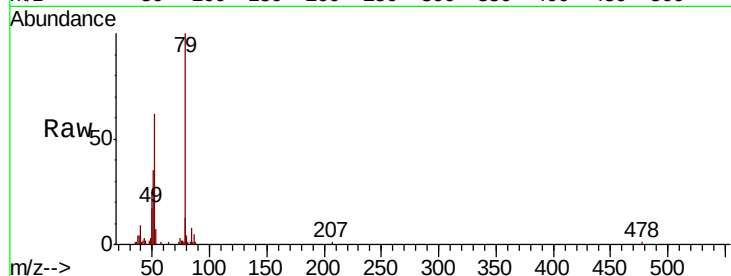
Tot Ion: 79 Resp: 59315

Ion Ratio Lower Upper

79 100

52 61.6 58.9 88.3

51 35.0 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 7.383 ng

RT: 3.75 min Scan# 112

Delta R.T. 0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

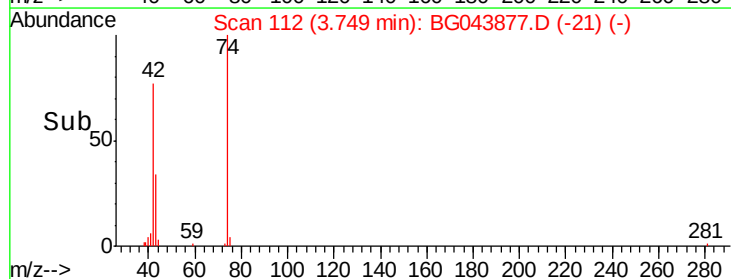
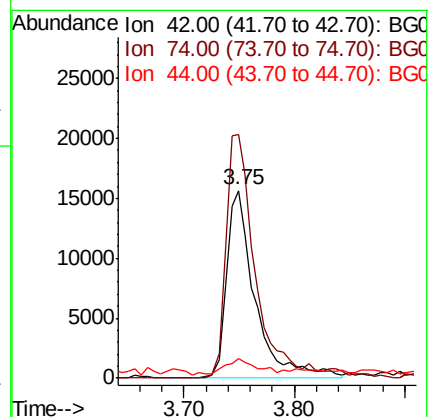
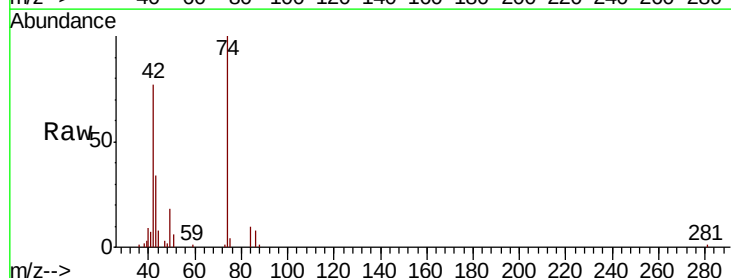
Tgt Ion: 42 Resp: 28171

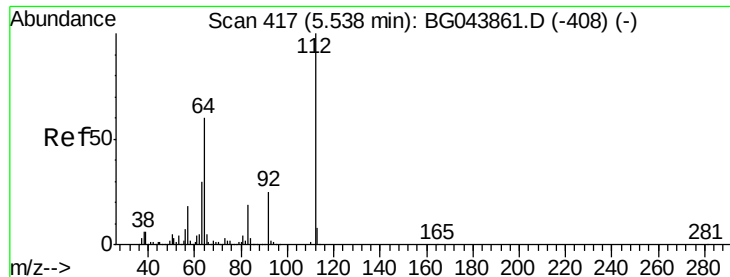
Ion Ratio Lower Upper

42 100

74 130.0 108.6 162.8

44 10.6 5.0 7.6#





#5

2-Fluorophenol

Concen: 140.375 ng

RT: 5.54 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Instrument :

BNA_G

ClientSampleId :

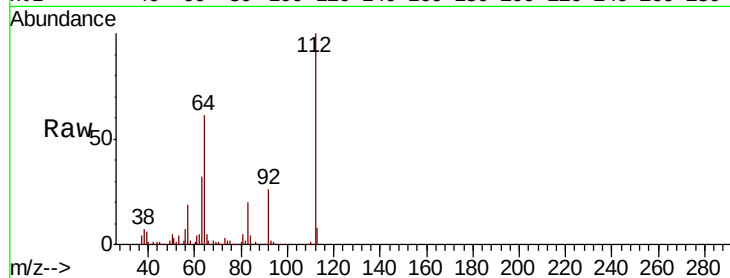
Tot Ion:112 Resp: 933947

Ion Ratio Lower Upper

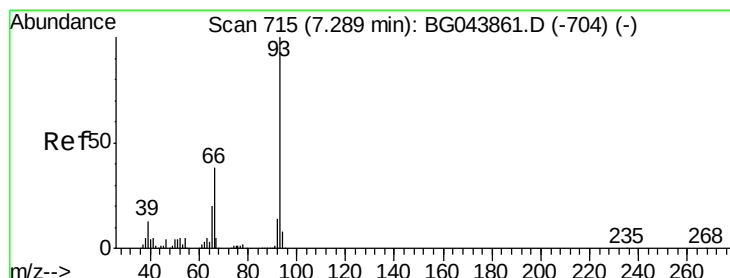
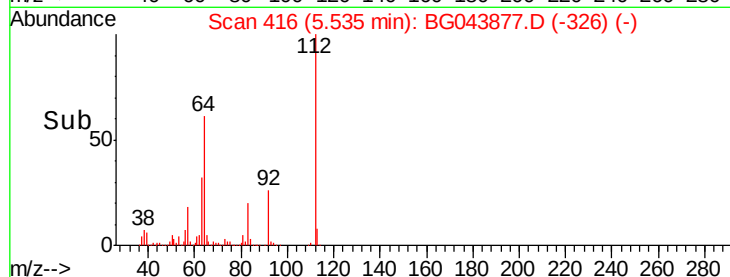
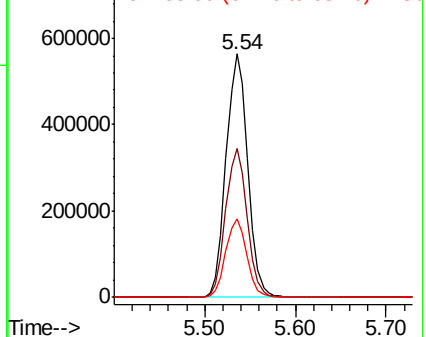
112 100

64 61.0 47.8 71.6

63 32.3 24.3 36.5



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



#6

Aniline

Concen: 7.818 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

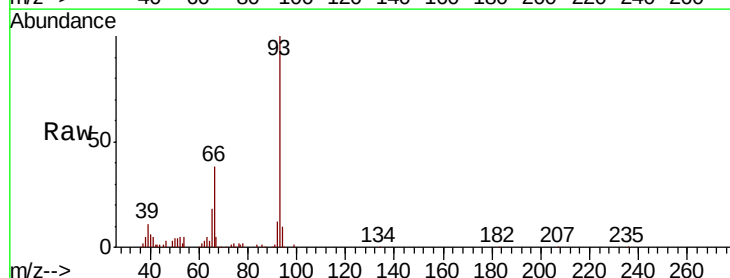
Tgt Ion: 93 Resp: 95504

Ion Ratio Lower Upper

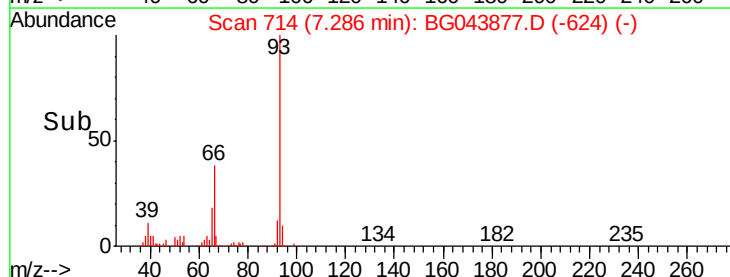
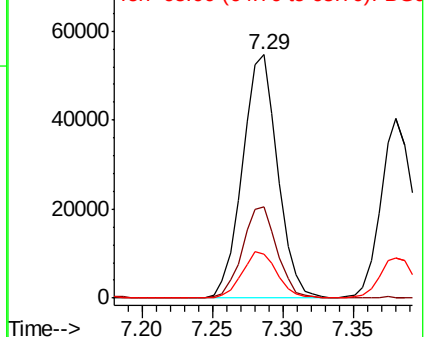
93 100

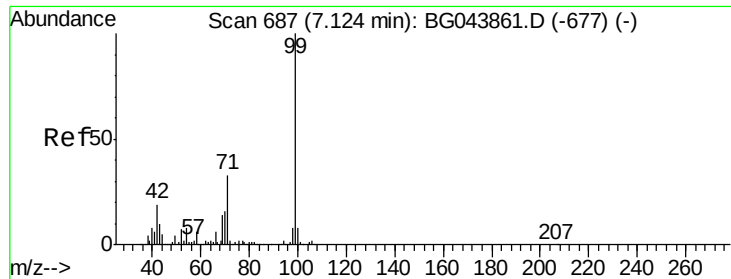
66 37.7 30.8 46.2

65 18.3 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: 139.097 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

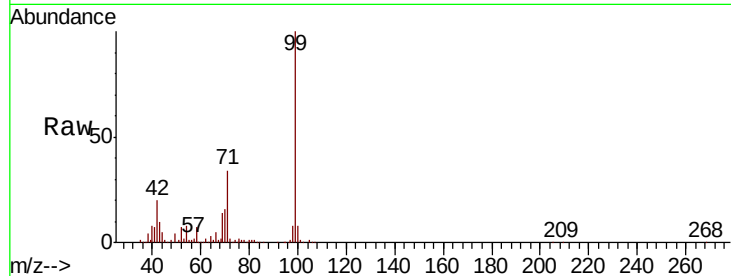
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1293603

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.9	22.3
71	34.1	26.4	39.6

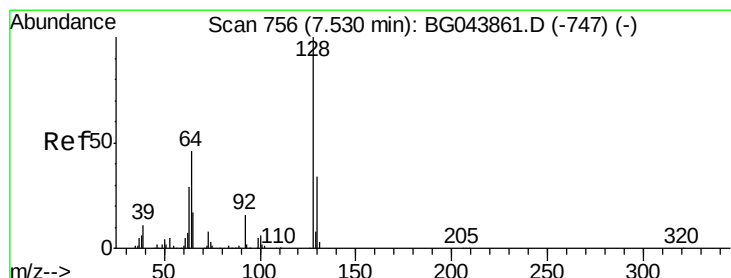
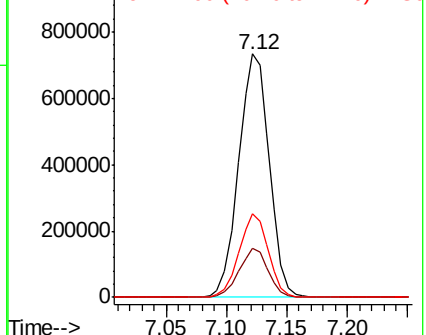
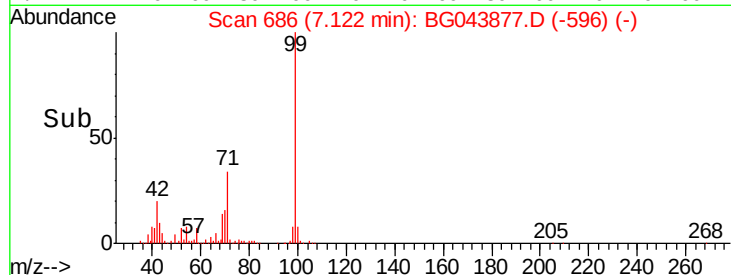


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 7.677 ng

RT: 7.53 min Scan# 755

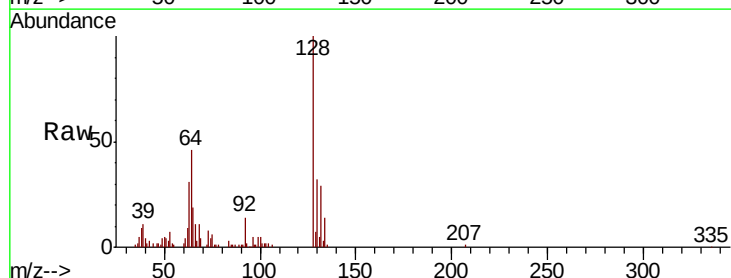
Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Tgt Ion: 128 Resp: 59959

Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.8	53.8
64	46.0	27.6	67.6

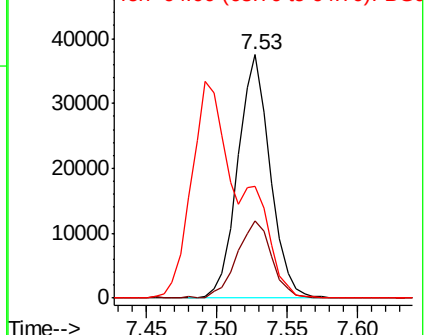
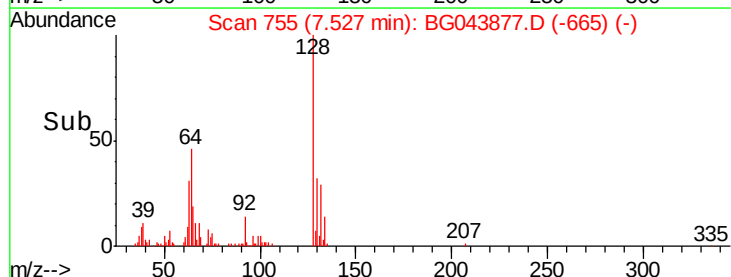


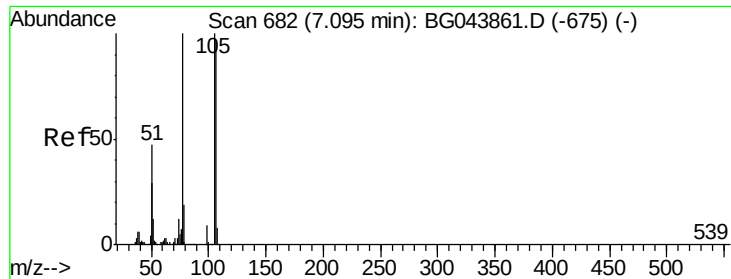
Abundance

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: 10.002 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Instrument :

BNA_G

ClientSampleId :

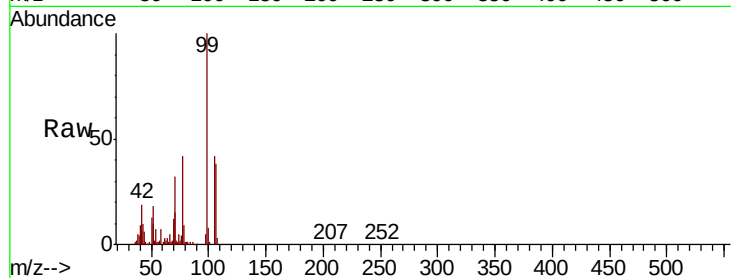
Tot Ion: 77 Resp: 59535

Ion Ratio Lower Upper

77 100

105 98.6 80.2 120.2

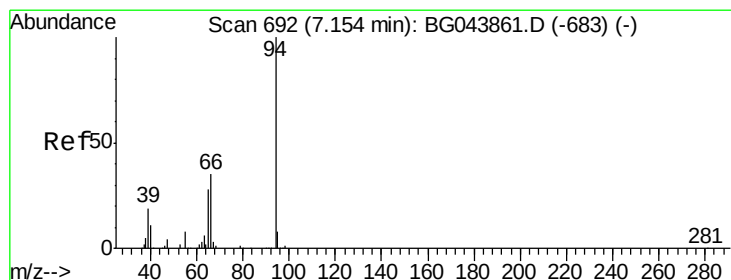
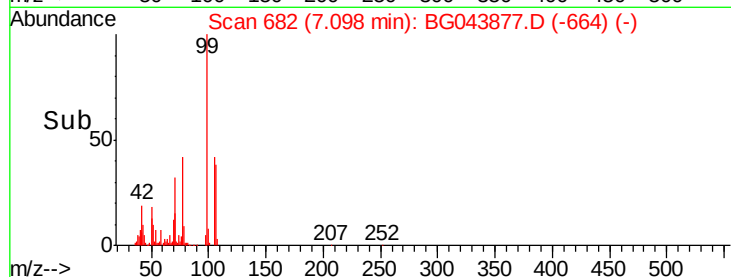
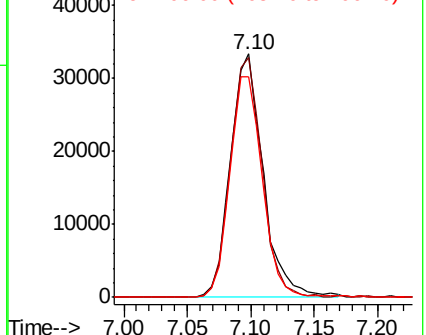
106 90.6 77.2 117.2



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: 7.582 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

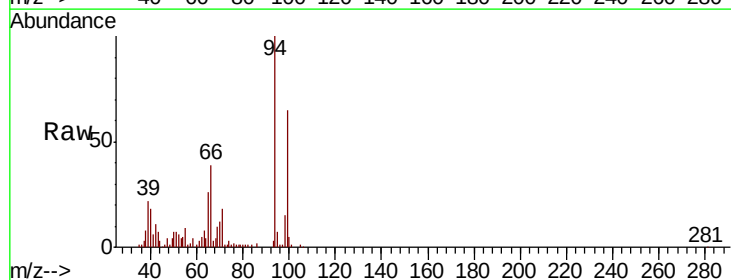
Tgt Ion: 94 Resp: 72654

Ion Ratio Lower Upper

94 100

65 26.5 8.1 48.1

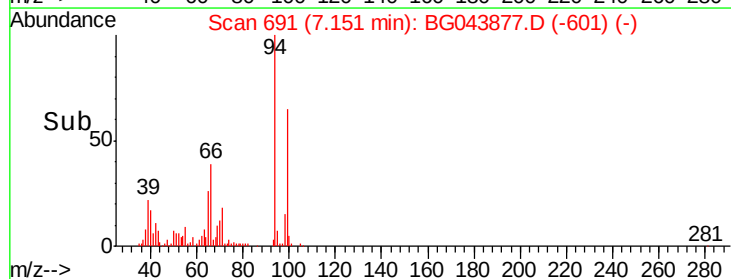
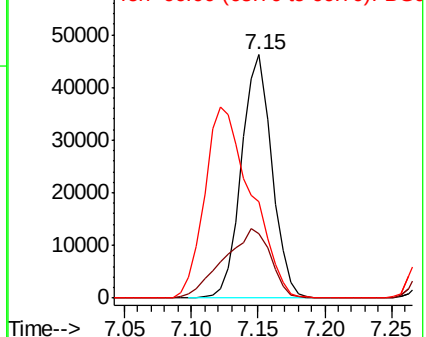
66 39.5 15.6 55.6

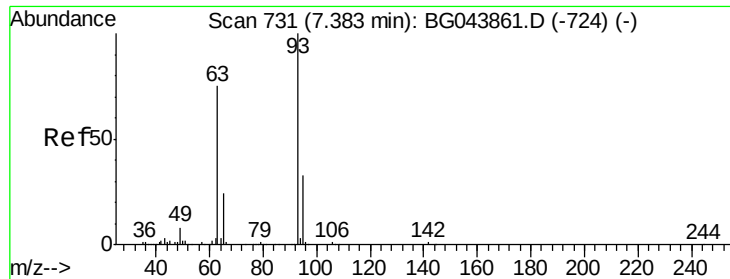


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

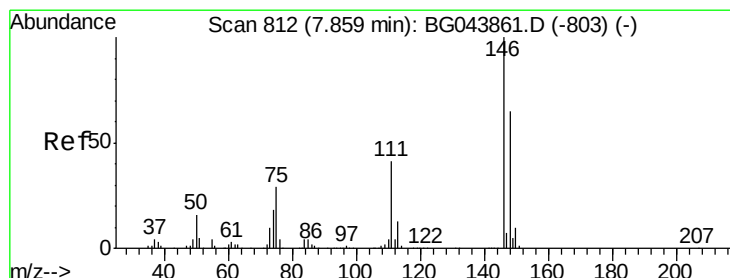
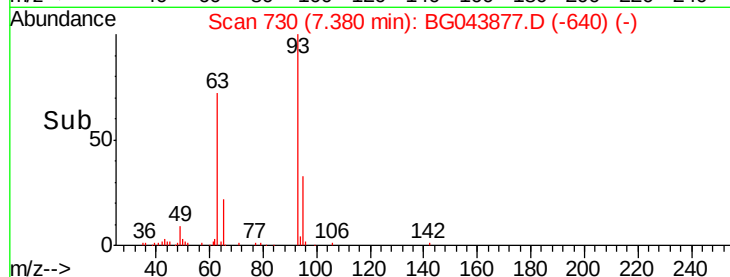
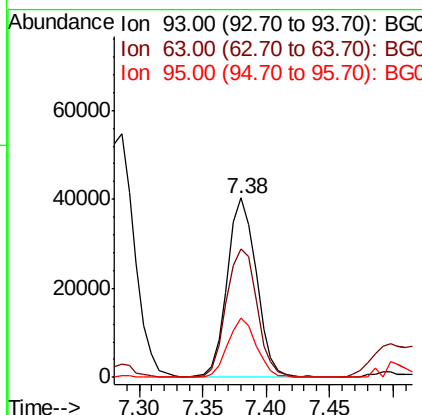
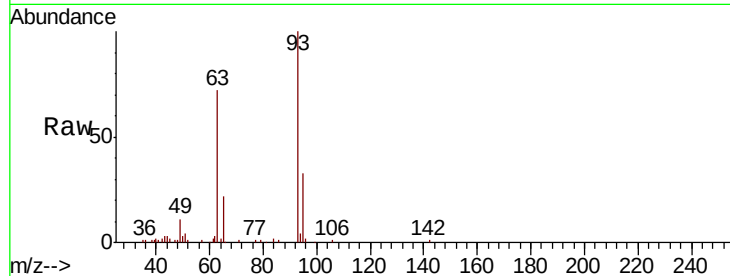




#11
bis(2-Chloroethyl)ether
Concen: 7.779 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

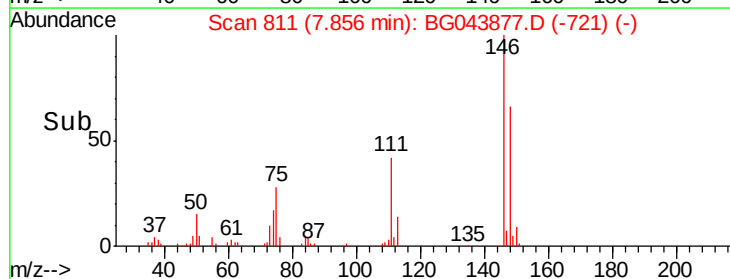
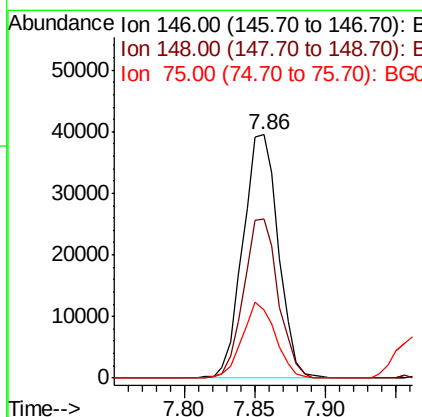
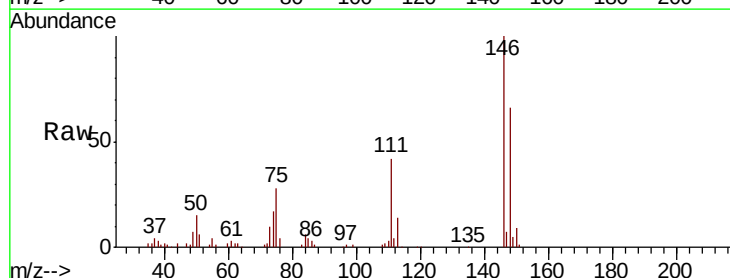
Instrument :
BNA_G
ClientSampleId :

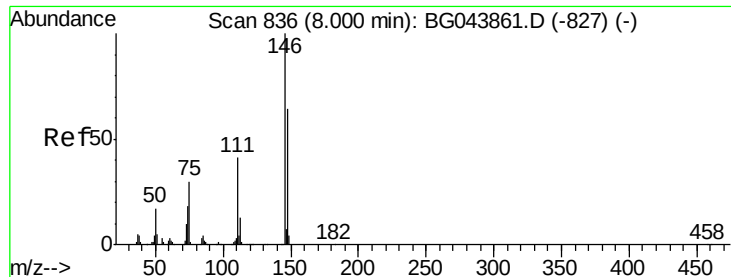
Tot Ion	93	Resp	64344
Ion	Ratio	Lower	Upper
93	100		
63	71.9	55.0	95.0
95	33.2	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 7.598 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Tgt Ion	146	Resp	69443
Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.1	78.1
75	27.9	23.0	34.4

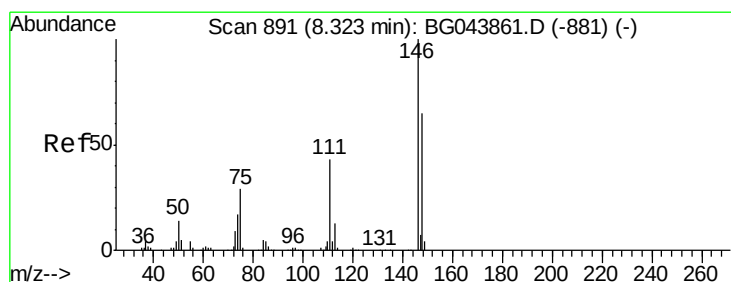
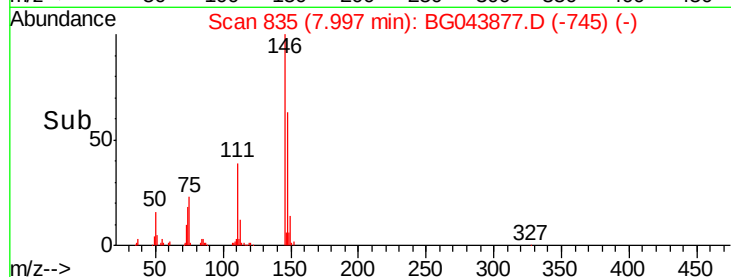
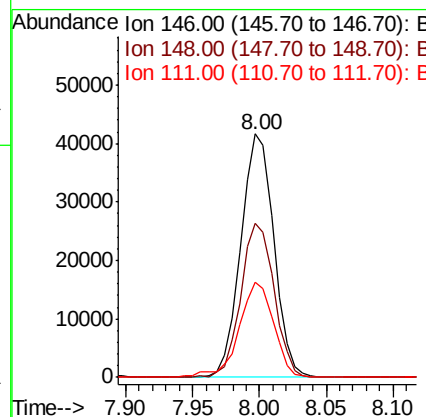
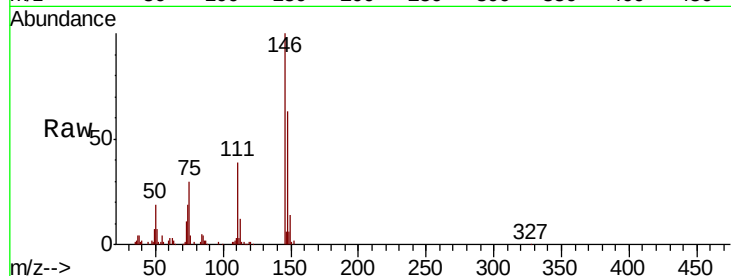




#13
 1,4-Dichlorobenzene
 Concen: 7.887 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BG043877.D
 Acq: 2 Jan 2020 16:18

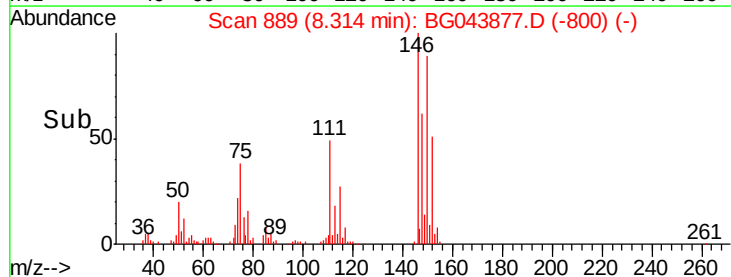
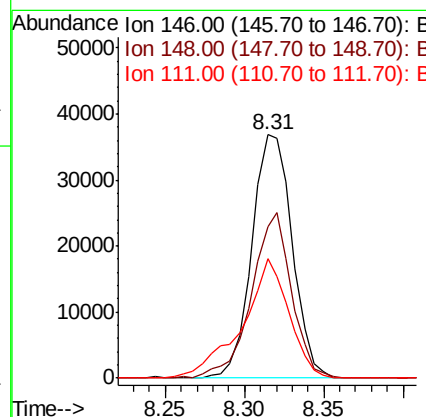
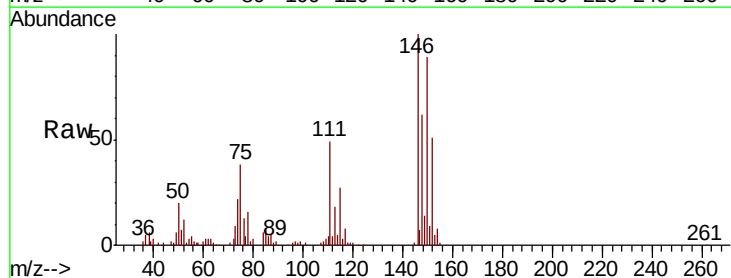
Instrument :
 BNA_G
 ClientSampled :

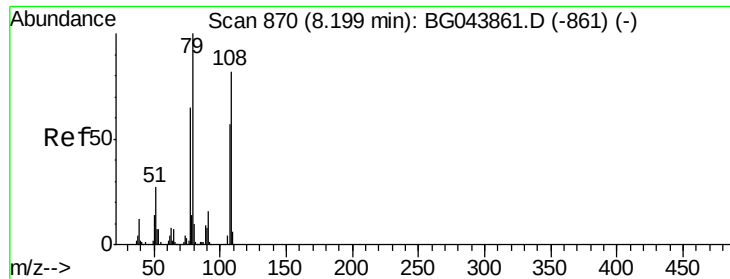
Tot Ion:146 Resp: 71124
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.2 76.8
 111 39.2 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 7.521 ng
 RT: 8.31 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BG043877.D
 Acq: 2 Jan 2020 16:18

Tgt Ion:146 Resp: 65102
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.7 77.5
 111 49.1 34.4 51.6





#15

Benzyl Alcohol

Concen: 7.196 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Instrument :

BNA_G

ClientSampleId :

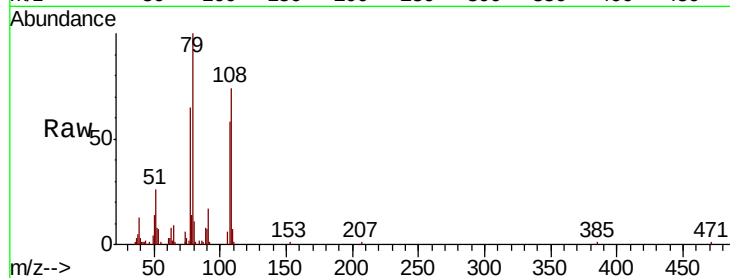
Tot Ion: 79 Resp: 52815

Ion Ratio Lower Upper

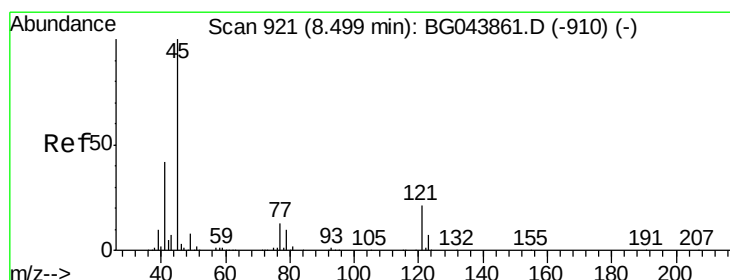
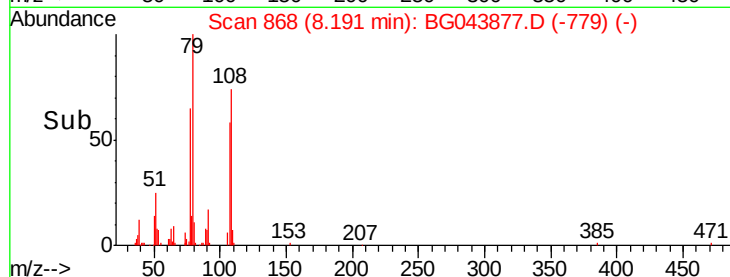
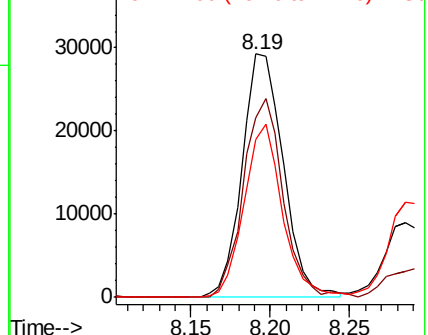
79 100

108 73.8 65.6 98.4

77 64.7 52.0 78.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.468 ng

RT: 8.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

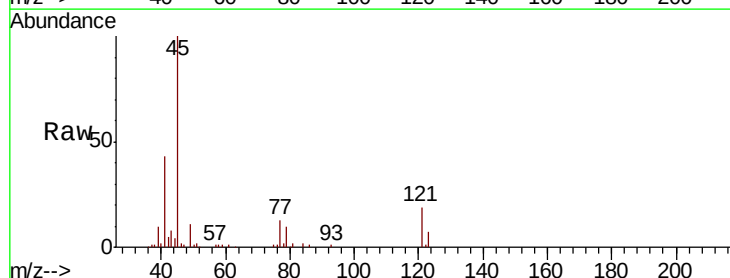
Tgt Ion: 45 Resp: 95569

Ion Ratio Lower Upper

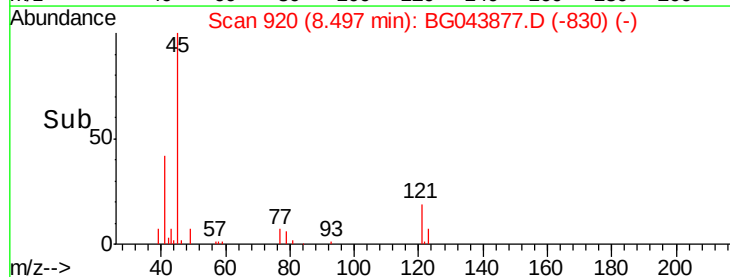
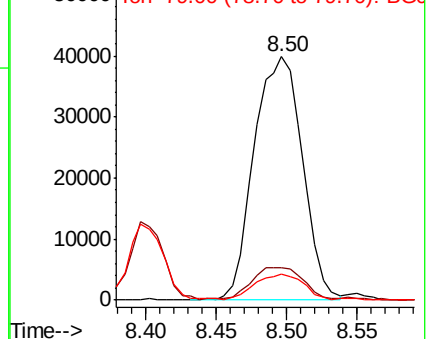
45 100

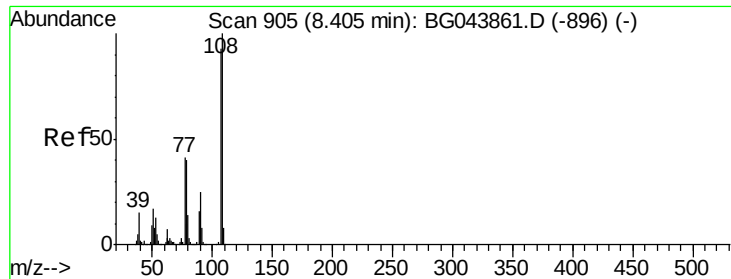
77 13.1 0.0 33.8

79 10.5 0.0 31.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 7.230 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 50134

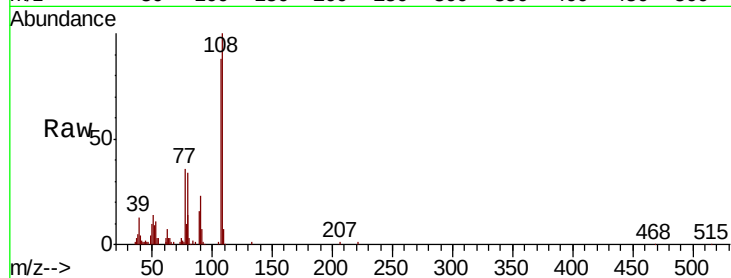
Ion Ratio Lower Upper

107 100

108 113.5 86.1 129.1

77 40.4 35.4 53.0

79 39.1 34.8 52.2

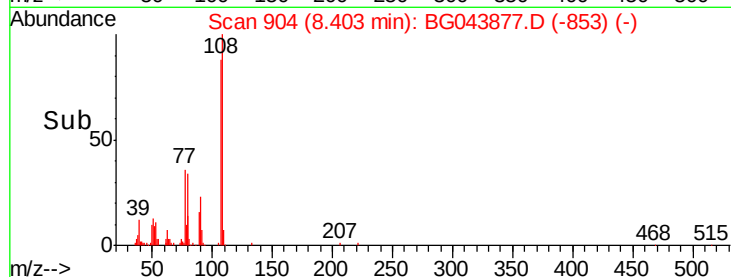


Abundance Ion 107.00 (106.70 to 107.70): E

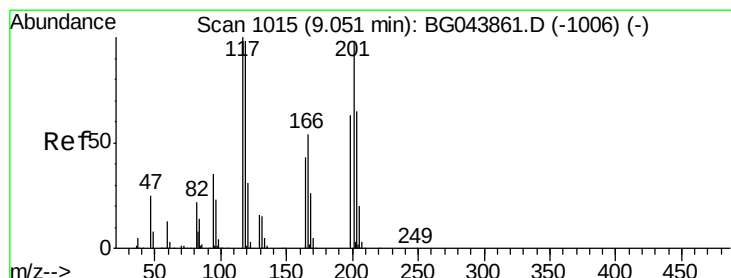
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 7.617 ng

RT: 9.05 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

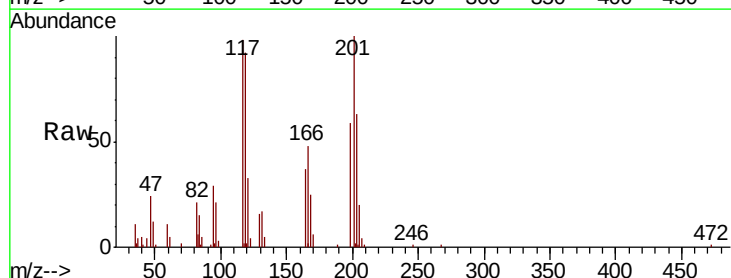
Tgt Ion:117 Resp: 26729

Ion Ratio Lower Upper

117 100

119 93.3 78.1 117.1

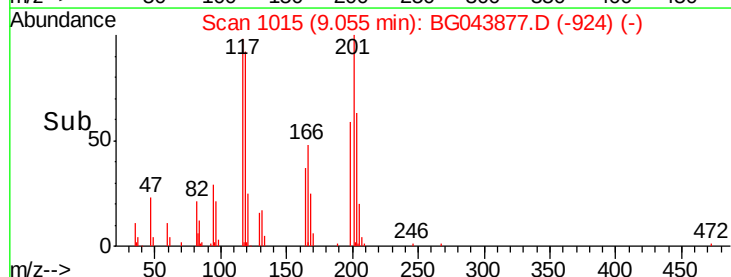
201 101.8 78.6 117.8



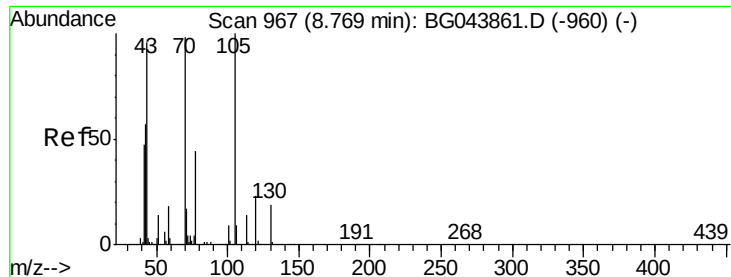
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



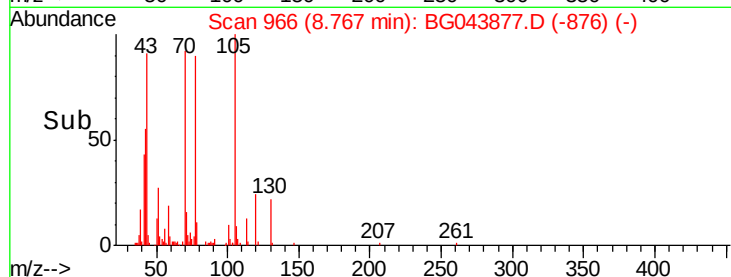
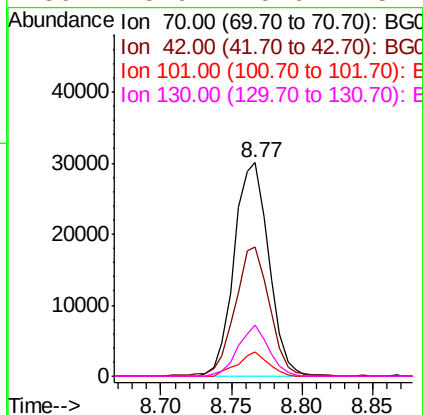
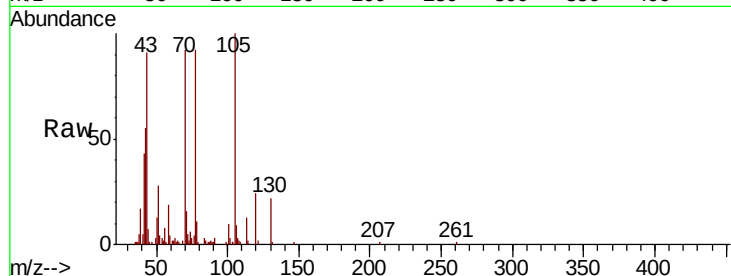
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 7.442 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

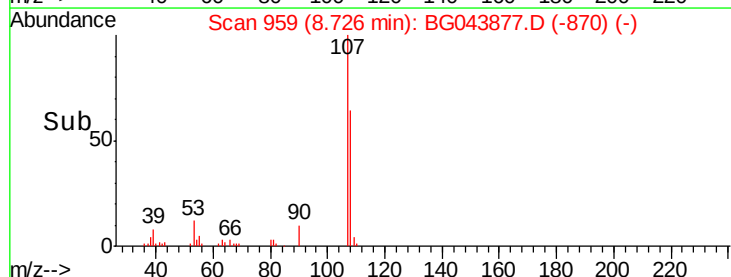
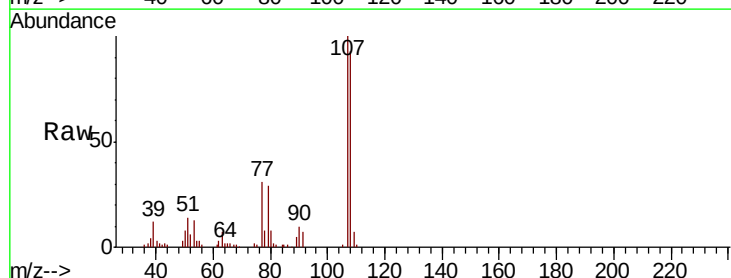
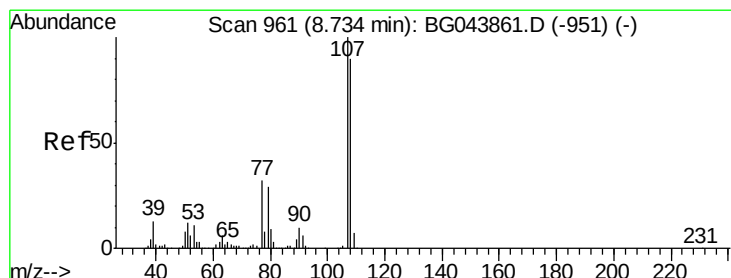
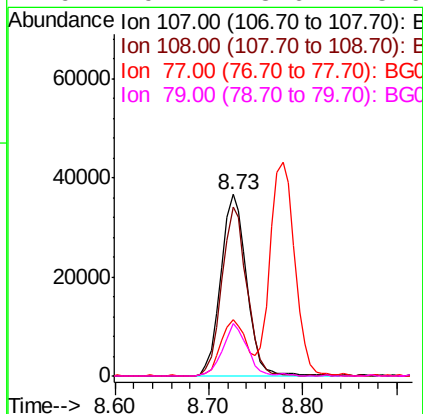
Instrument :
BNA_G
ClientSampleId :

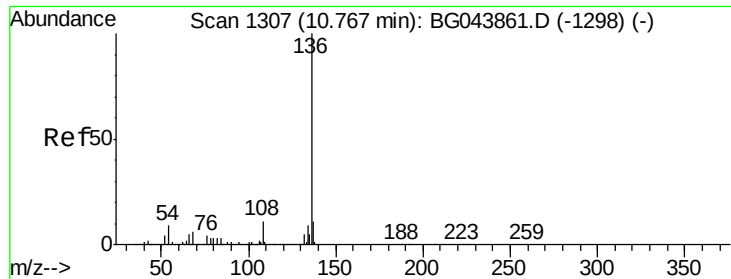
Tot Ion: 70 Resp: 51541
Ion Ratio Lower Upper
70 100
42 60.3 47.0 70.4
101 11.4 7.2 10.8#
130 23.9 15.6 23.4#



#20
3+4-Methylphenols
Concen: 7.253 ng
RT: 8.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Tgt Ion: 107 Resp: 70155
Ion Ratio Lower Upper
107 100
108 93.0 70.3 110.3
77 31.2 12.4 52.4
79 29.1 8.6 48.6

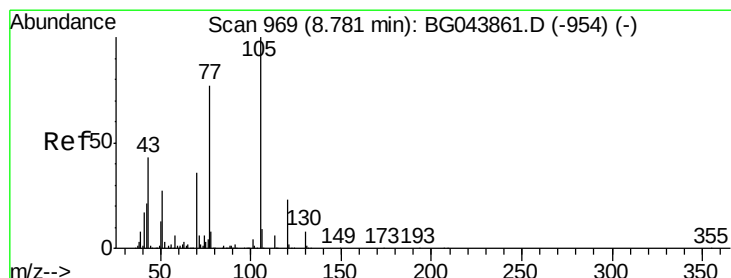
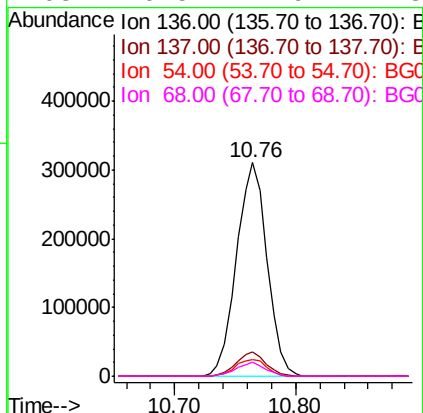
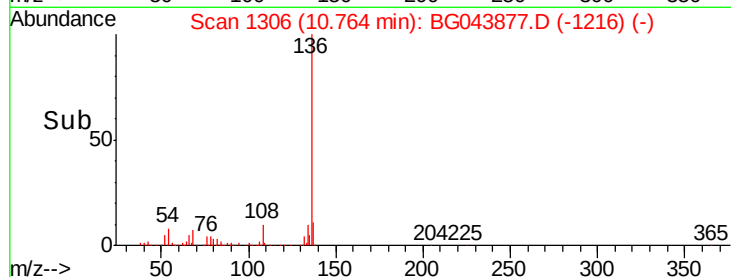
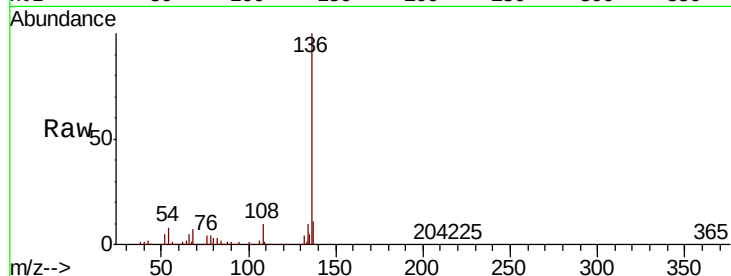




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

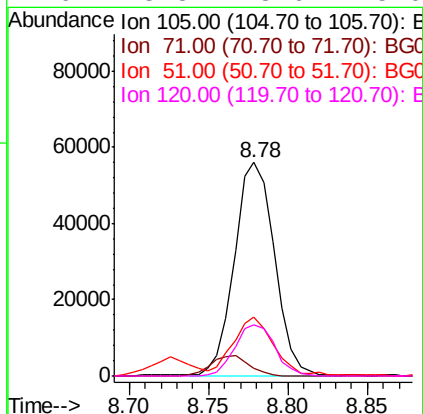
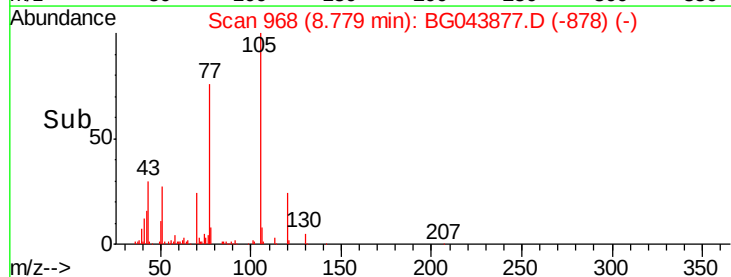
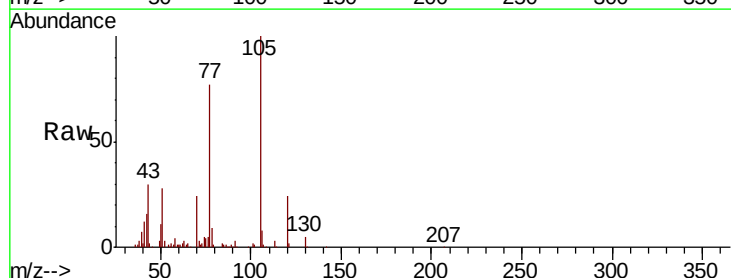
Instrument :
BNA_G
ClientSampleId :

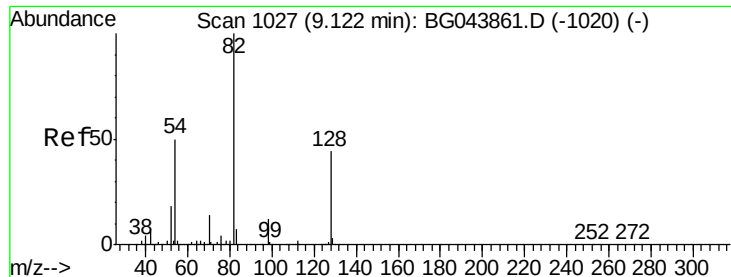
Tot Ion:136	Resp:	546958	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.8	13.2	
54 7.5	7.0	10.4	
68 6.5	4.9	7.3	



#22
Acetophenone
Concen: 7.192 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Tgt	Ion:105	Resp:	97792
Ion	Ratio	Lower	Upper
105	100		
71	3.5	4.8	7.2#
51	27.6	21.4	32.0
120	23.8	18.6	28.0

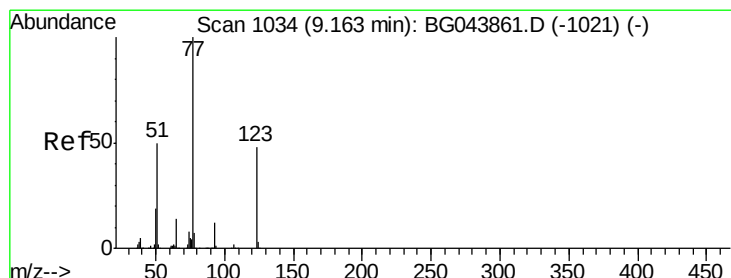
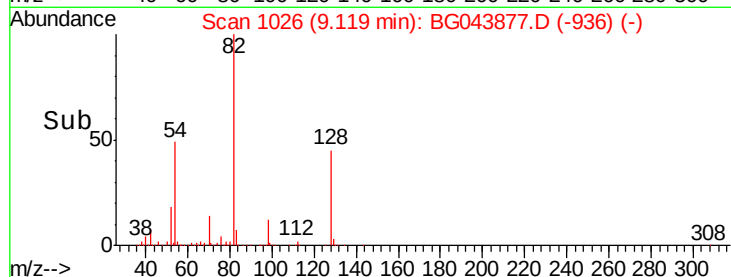
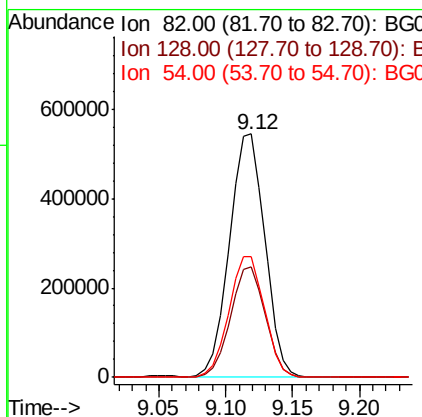
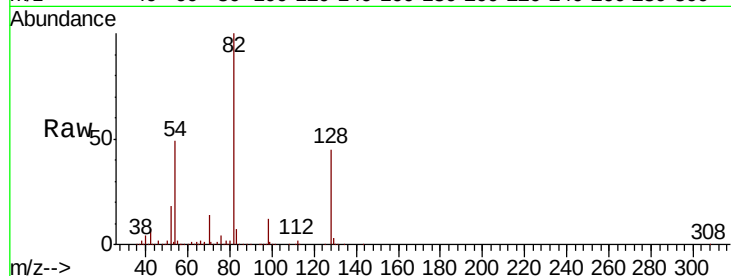




#23
 Nitrobenzene-d5
 Concen: 98.165 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG043877.D
 Acq: 2 Jan 2020 16:18

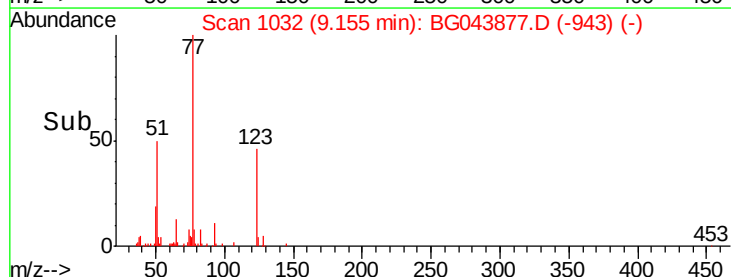
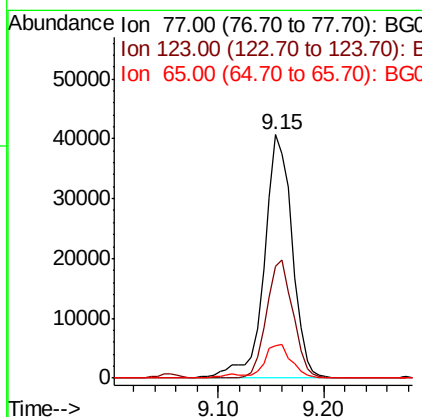
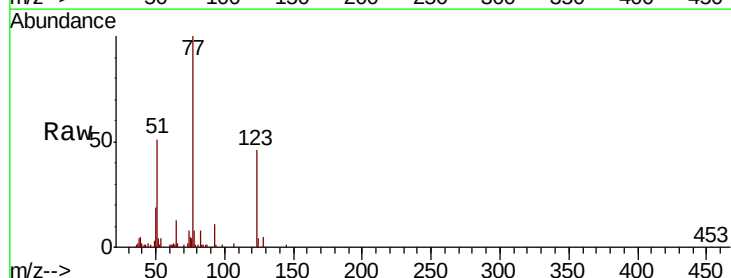
Instrument :
 BNA_G
 ClientSampleId :

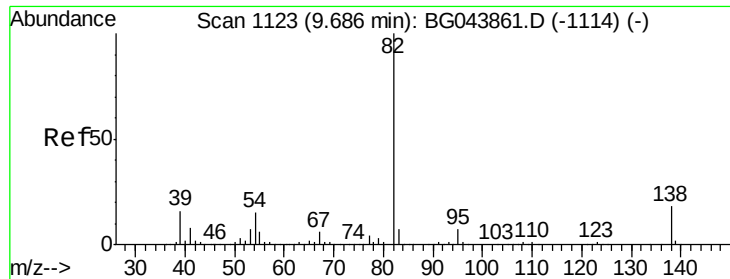
Tot Ion: 82 Resp: 1003665
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.1 52.7
 54 49.4 40.1 60.1



#24
 Nitrobenzene
 Concen: 7.319 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG043877.D
 Acq: 2 Jan 2020 16:18

Tgt Ion: 77 Resp: 74111
 Ion Ratio Lower Upper
 77 100
 123 46.1 38.7 58.1
 65 13.3 11.1 16.7





#25

Isophorone

Concen: 7.343 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Instrument :

BNA_G

ClientSampled :

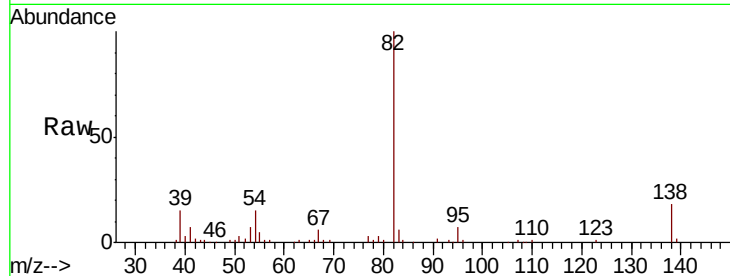
Tot Ion: 82 Resp: 140859

Ion Ratio Lower Upper

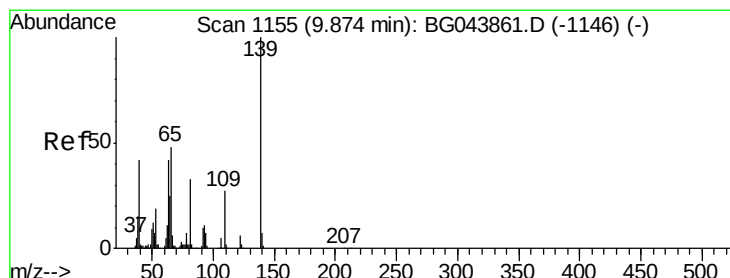
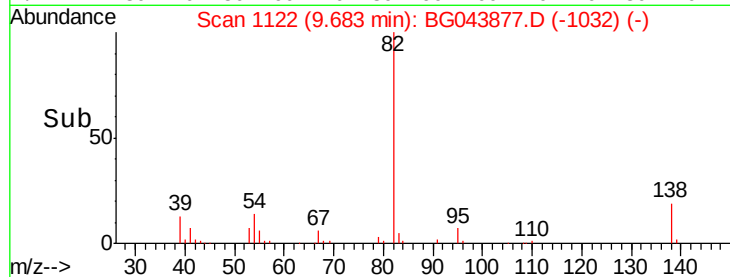
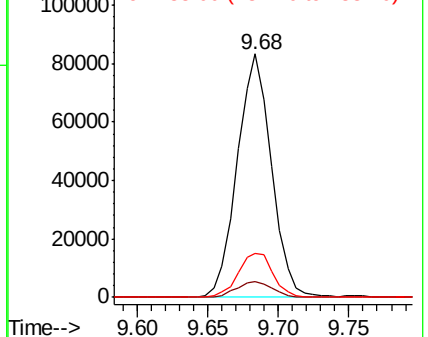
82 100

95 6.5 5.8 8.6

138 18.1 14.6 22.0



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



#26

2-Nitrophenol

Concen: 6.320 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

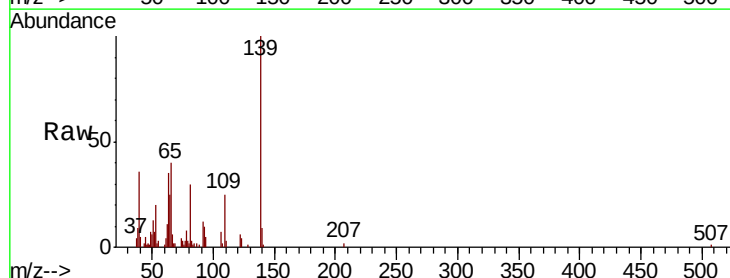
Tgt Ion: 139 Resp: 30281

Ion Ratio Lower Upper

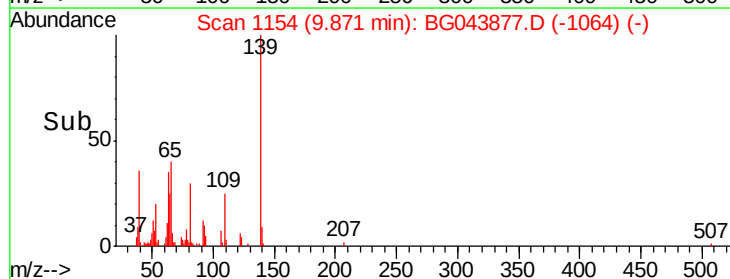
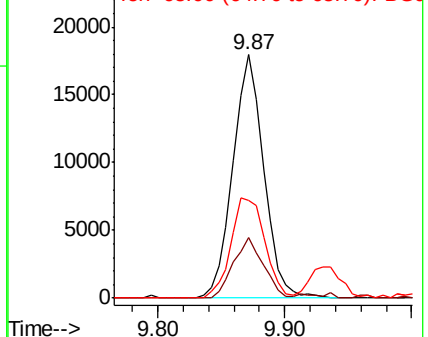
139 100

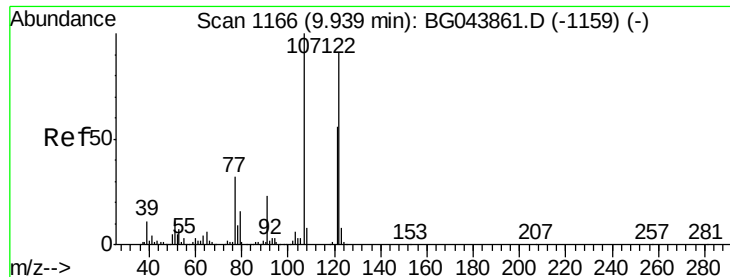
109 24.7 21.3 31.9

65 40.1 38.6 57.8



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

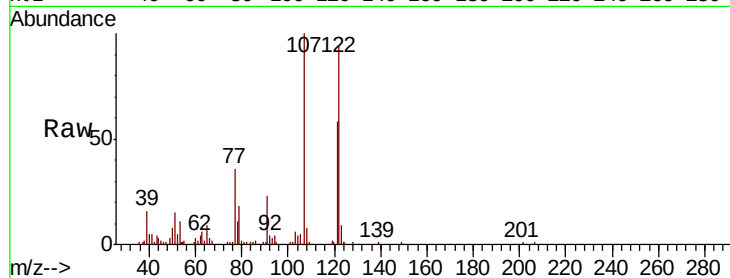




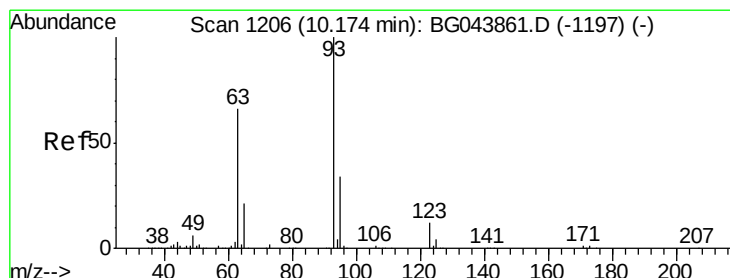
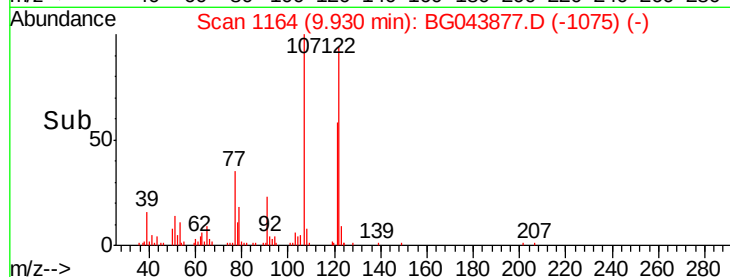
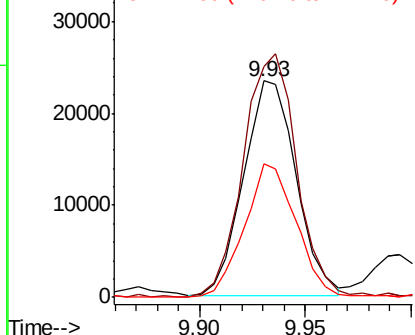
#27
 2,4-Dimethylphenol
 Concen: 5.600 ng
 RT: 9.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BG043877.D
 Acq: 2 Jan 2020 16:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.7	88.0	132.0
121	61.4	49.0	73.4

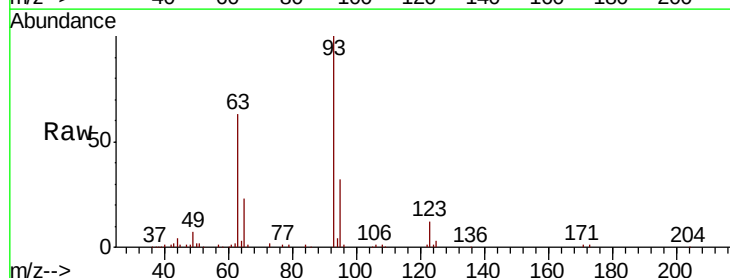


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

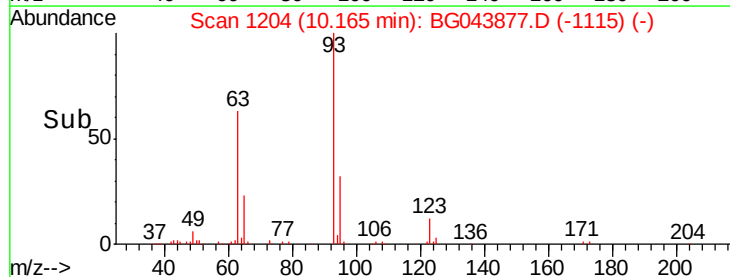
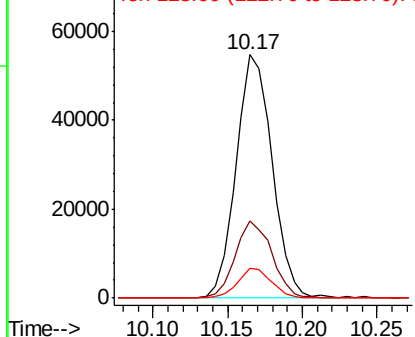


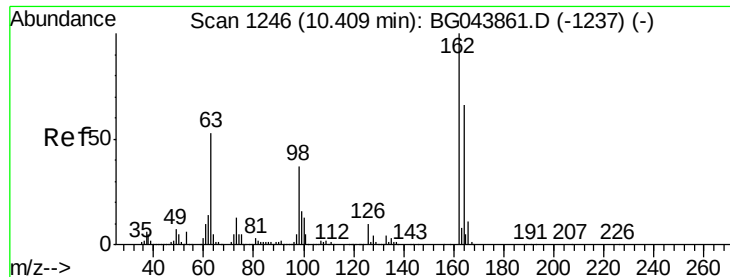
#28
 bis(2-Chloroethoxy)methane
 Concen: 7.179 ng
 RT: 10.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG043877.D
 Acq: 2 Jan 2020 16:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	27.2	40.8
123	12.1	9.7	14.5



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

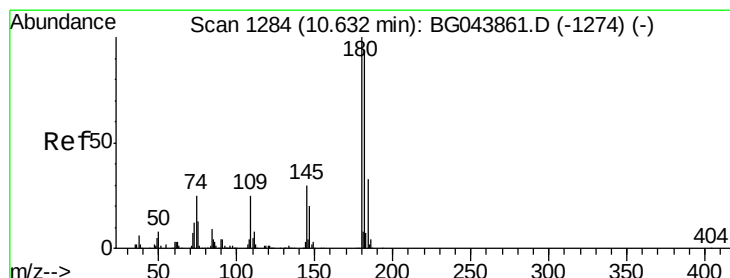
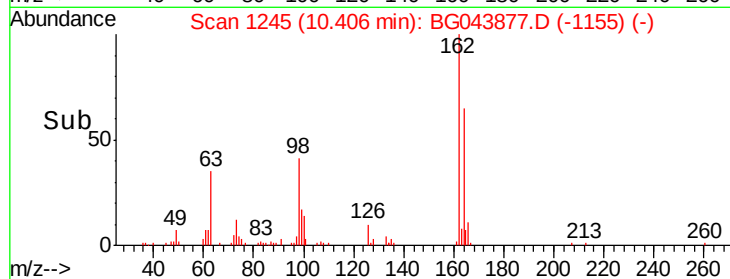
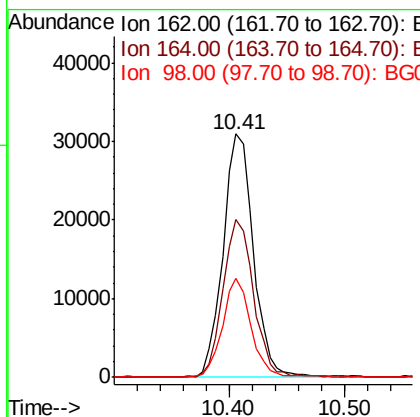
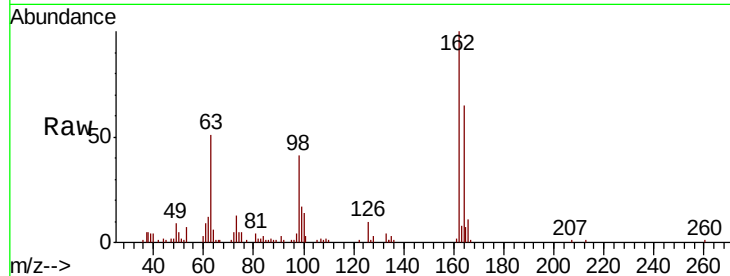




#29
 2,4-Dichlorophenol
 Concen: 6.556 ng
 RT: 10.41 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BG043877.D
 Acq: 2 Jan 2020 16:18

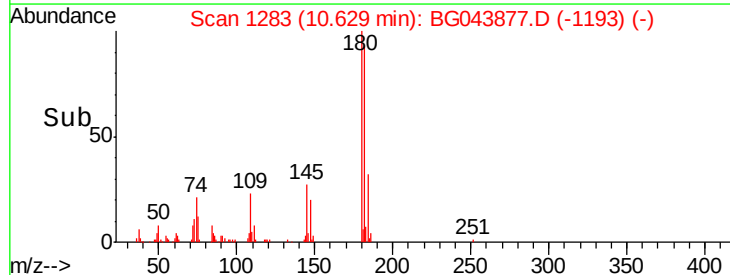
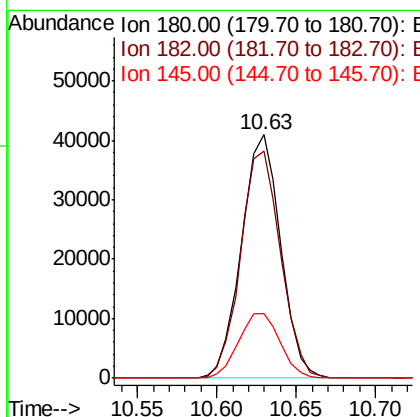
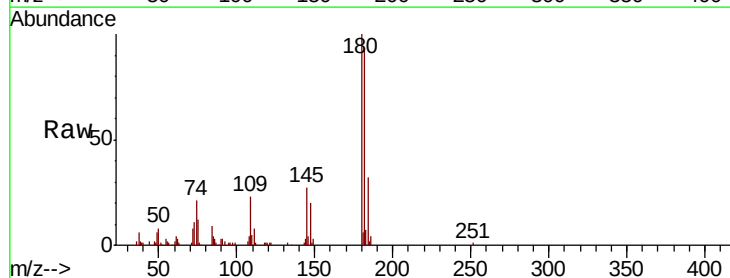
Instrument :
 BNA_G
 ClientSampleId :

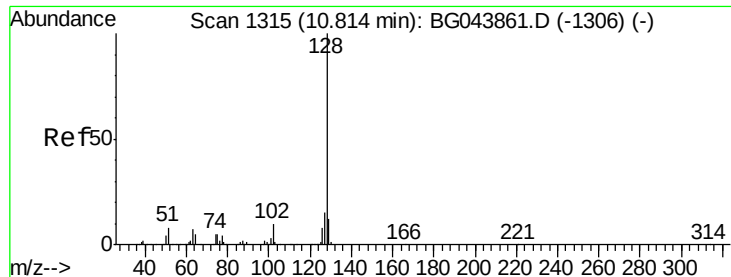
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	46.3	86.3
98	40.5	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 7.272 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG043877.D
 Acq: 2 Jan 2020 16:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.0	112.4
145	26.6	24.2	36.4

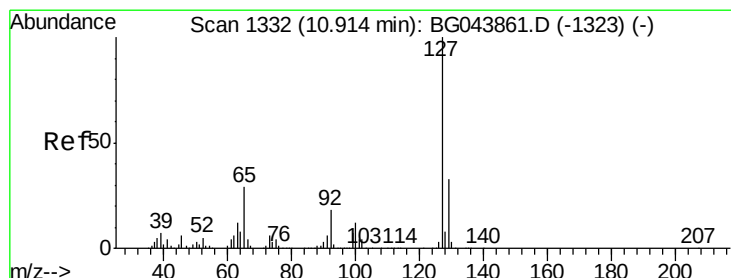
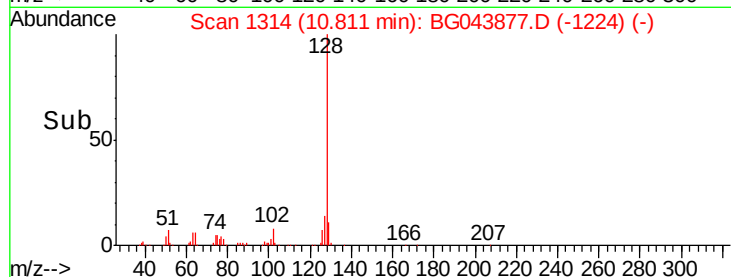
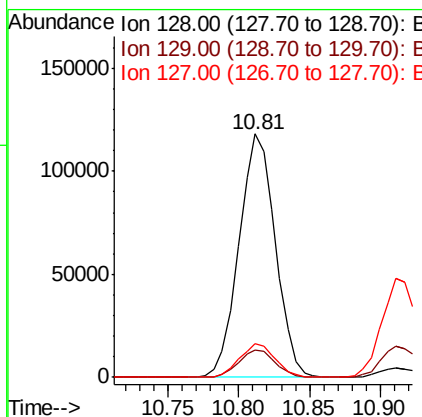
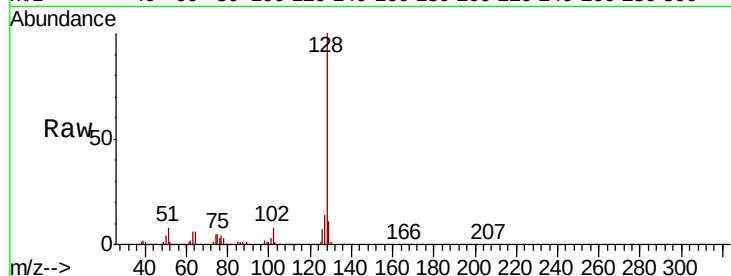




#31
Naphthalene
Concen: 8.013 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

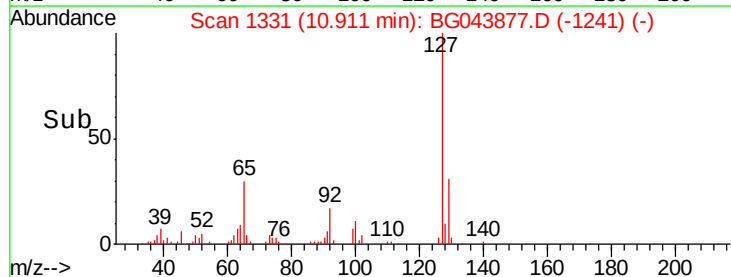
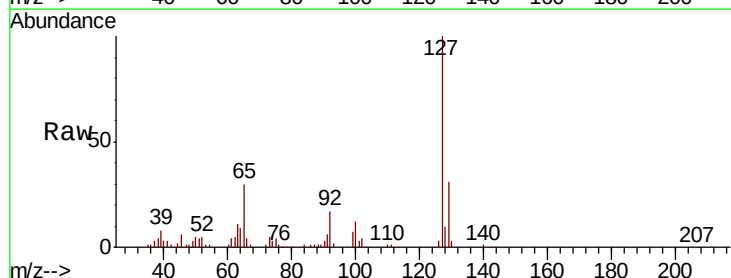
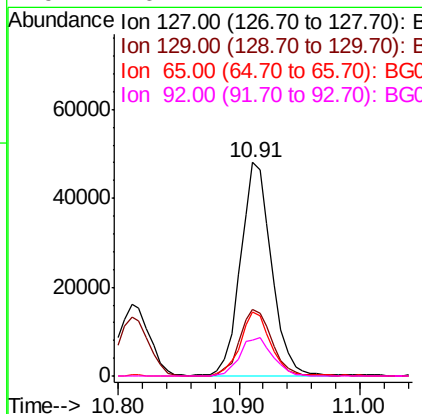
Instrument :
BNA_G
ClientSampleId :

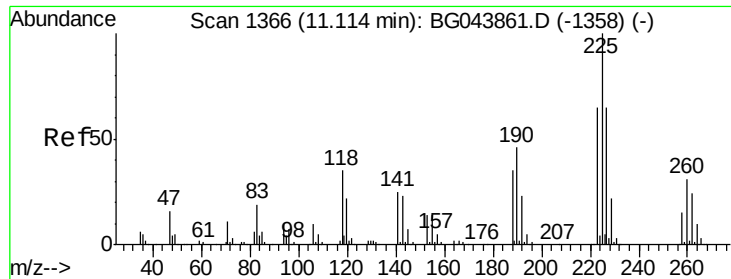
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.8	14.6
127	13.7	12.0	18.0



#33
4-Chloroaniline
Concen: 6.824 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.6	40.0
65	30.2	23.3	34.9
92	16.7	14.7	22.1

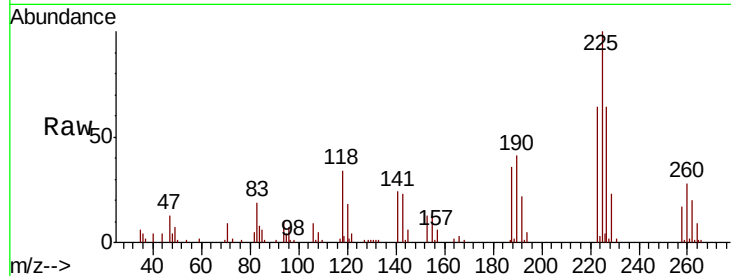




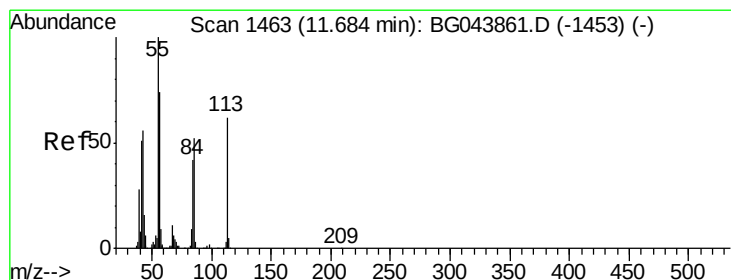
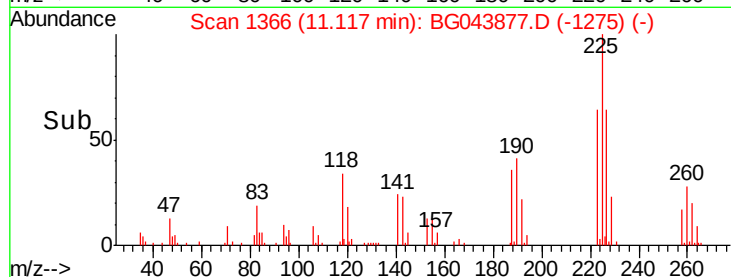
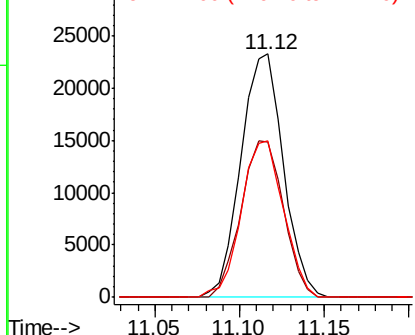
#34
Hexachlorobutadiene
Concen: 6.920 ng
RT: 11.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:225 Resp: 40750
Ion Ratio Lower Upper
225 100
223 63.7 52.2 78.4
227 64.1 52.1 78.1

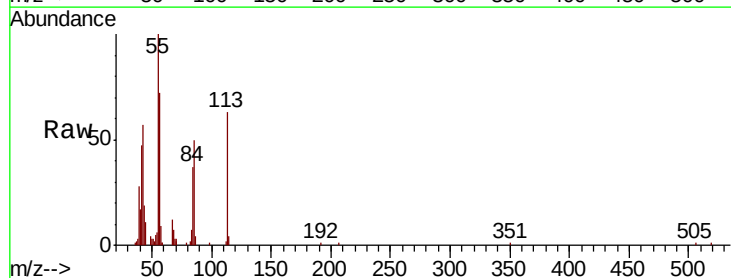


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

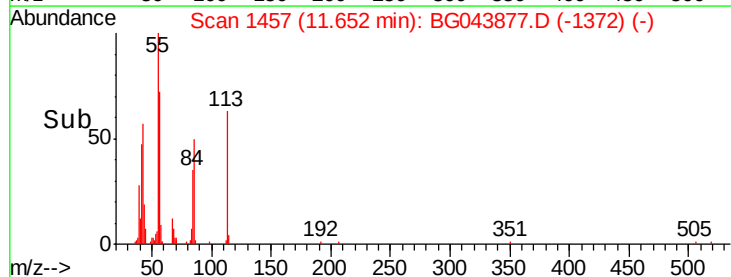
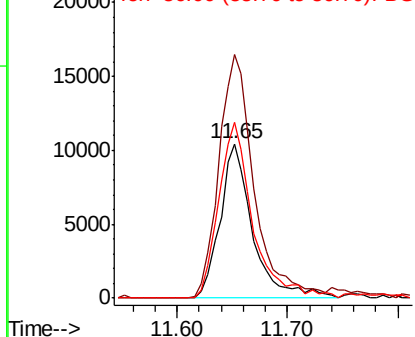


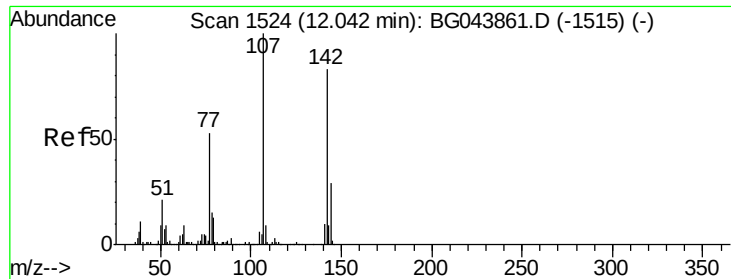
#35
Caprolactam
Concen: 6.663 ng
RT: 11.65 min Scan# 1457
Delta R.T. -0.03 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Tgt Ion:113 Resp: 21338
Ion Ratio Lower Upper
113 100
55 157.7 142.5 182.5
56 114.2 101.4 141.4



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

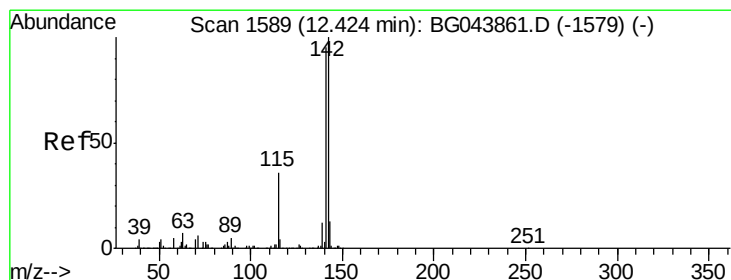
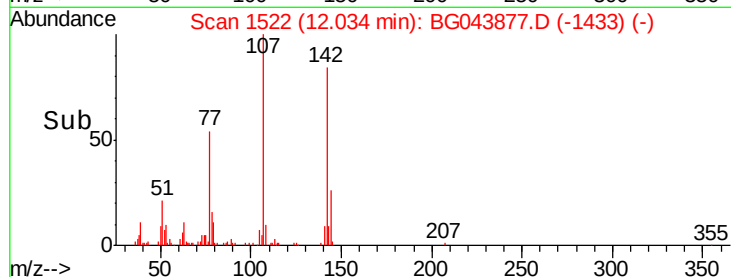
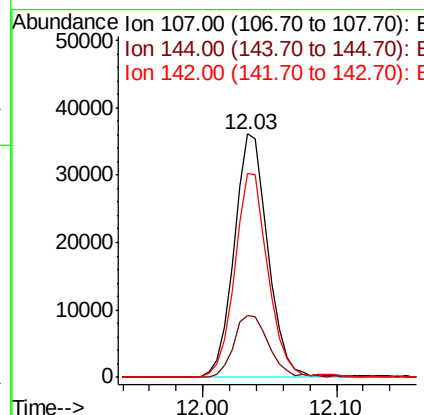
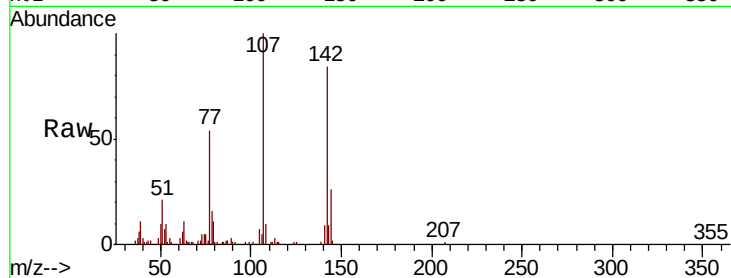




#36
 4-Chloro-3-methylphenol
 Concen: 6.948 ng
 RT: 12.03 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BG043877.D
 Acq: 2 Jan 2020 16:18

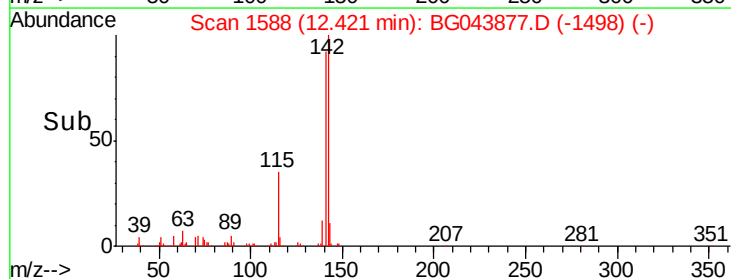
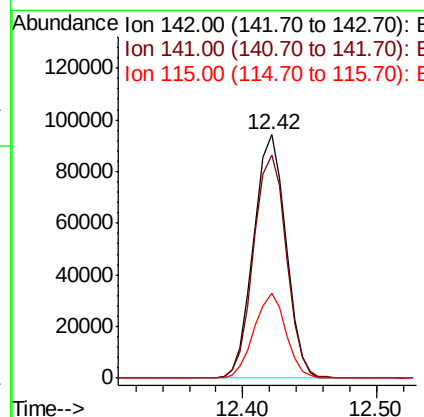
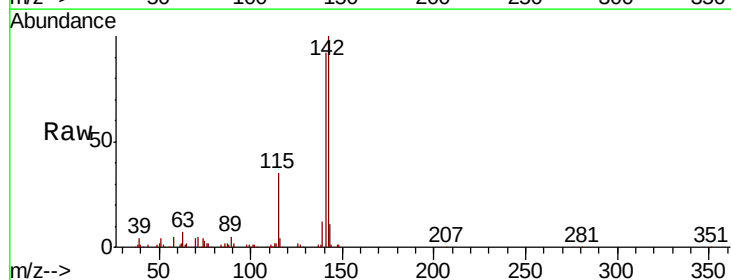
Instrument :
 BNA_G
 ClientSampleId :

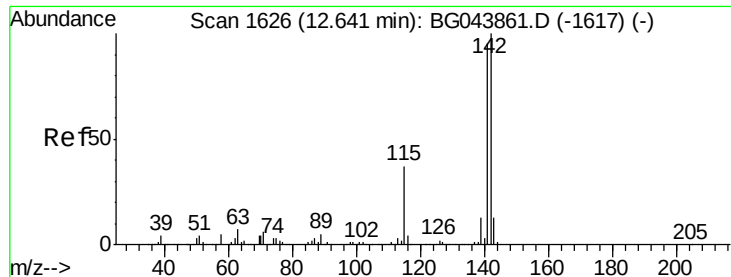
Tot Ion:107 Resp: 63624
 Ion Ratio Lower Upper
 107 100
 144 25.6 23.4 35.2
 142 83.9 66.3 99.5



#37
 2-Methylnaphthalene
 Concen: 7.893 ng
 RT: 12.42 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BG043877.D
 Acq: 2 Jan 2020 16:18

Tgt Ion:142 Resp: 157287
 Ion Ratio Lower Upper
 142 100
 141 91.6 75.8 113.8
 115 34.7 28.6 42.8

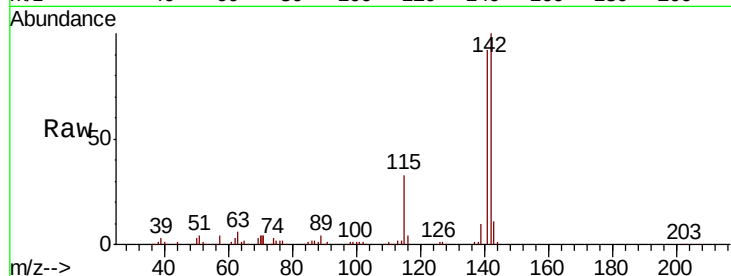




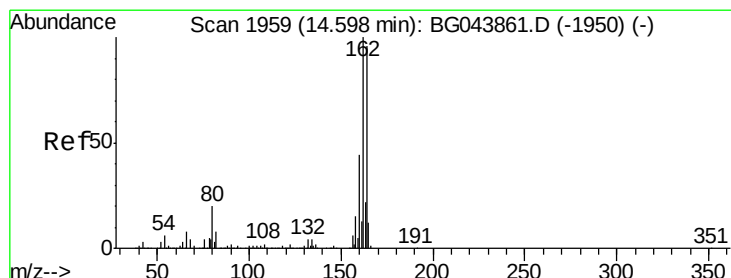
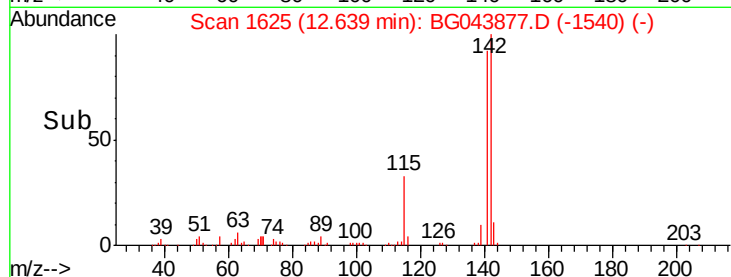
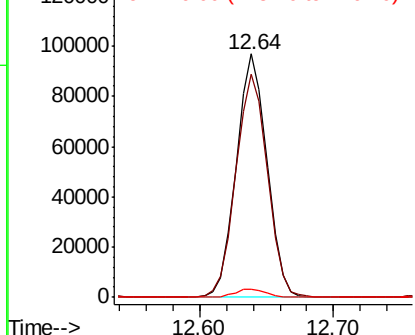
#38
1-Methylnaphthalene
Concen: 8.160 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 154102
Ion Ratio Lower Upper
142 100
141 91.6 76.0 114.0
116 3.5 3.1 4.7

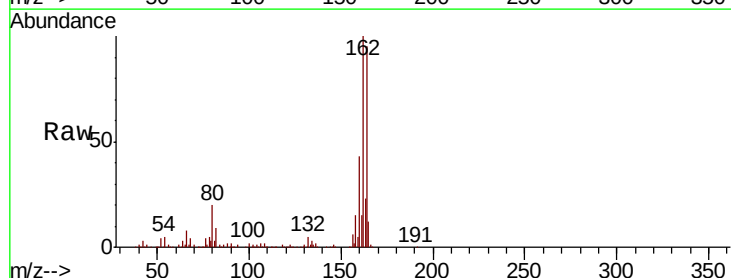


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

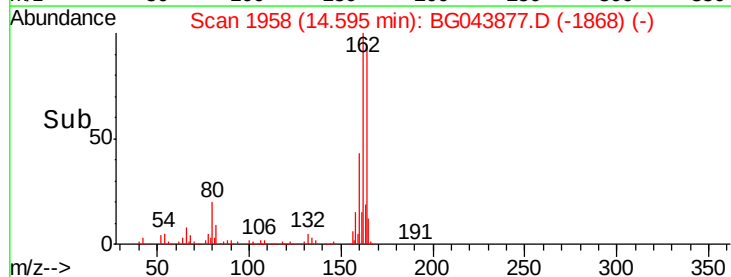
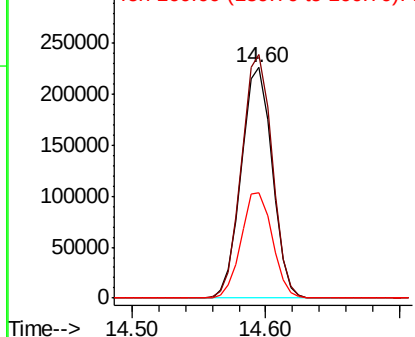


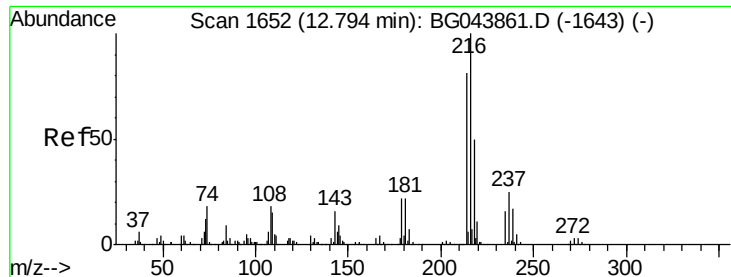
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Tgt Ion:164 Resp: 362670
Ion Ratio Lower Upper
164 100
162 105.7 83.0 124.4
160 45.7 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: 7.427 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 78948

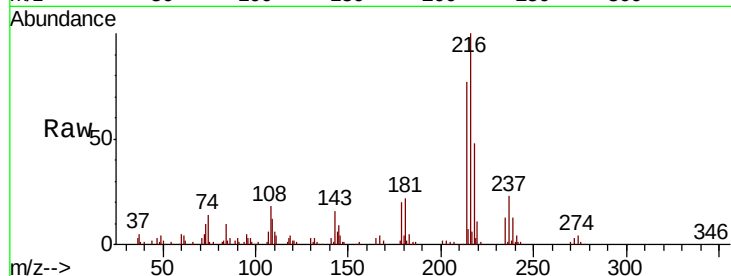
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.8

179 20.9 17.3 25.9

108 17.9 15.3 22.9

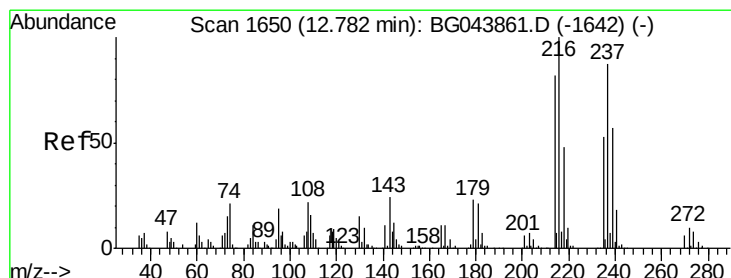
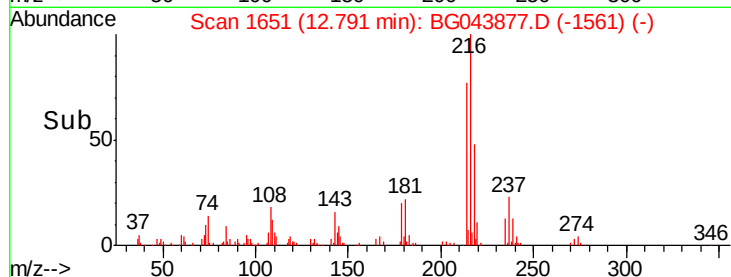
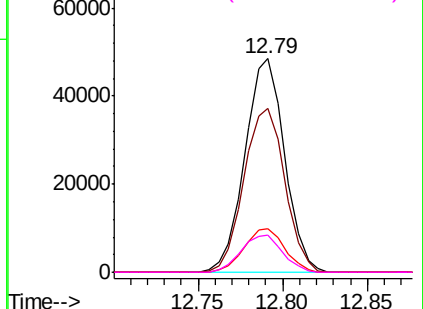


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 6.943 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

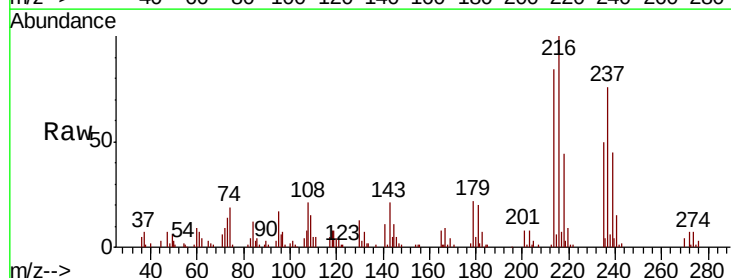
Tgt Ion:237 Resp: 38262

Ion Ratio Lower Upper

237 100

235 66.2 41.1 81.1

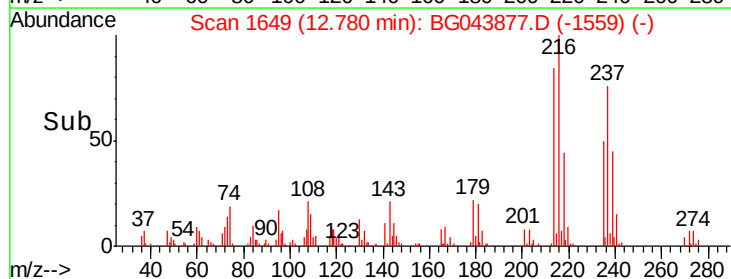
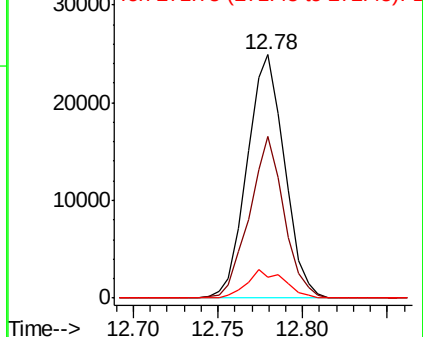
272 8.7 0.0 31.7

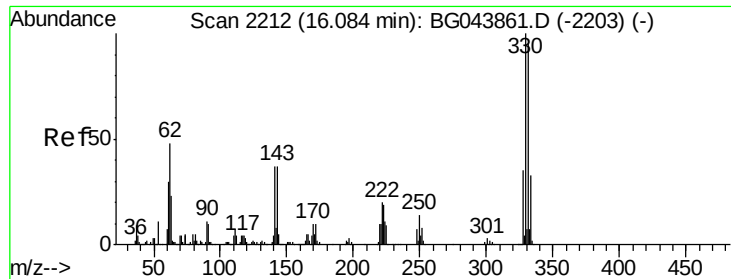


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 144.481 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Instrument :

BNA_G

ClientSampleId :

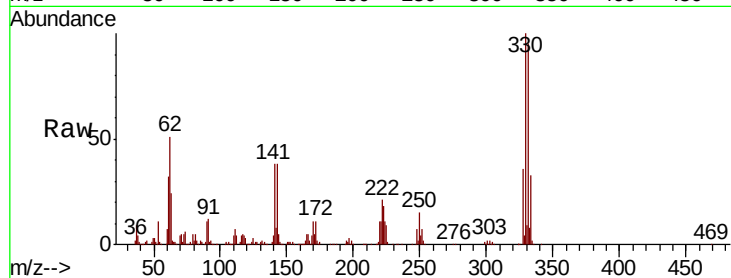
Tot Ion:330 Resp: 548343

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

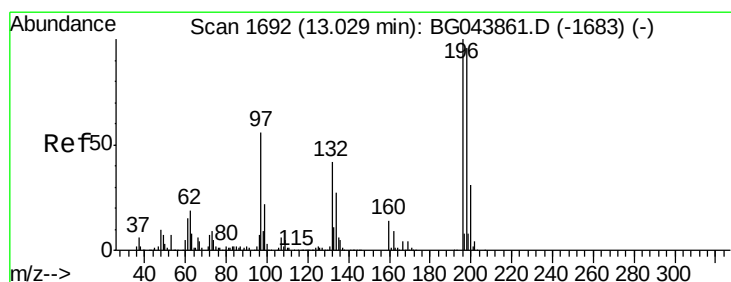
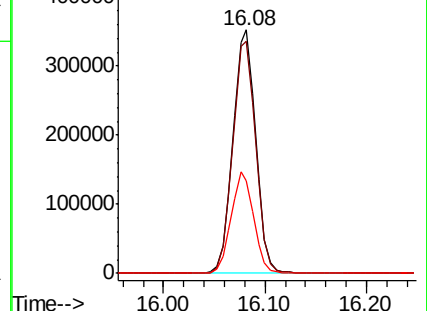
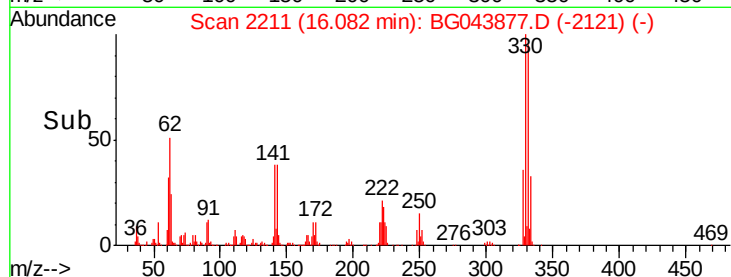
141 41.2 33.1 49.7



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: 6.164 ng

RT: 13.02 min Scan# 1690

Delta R.T. -0.01 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

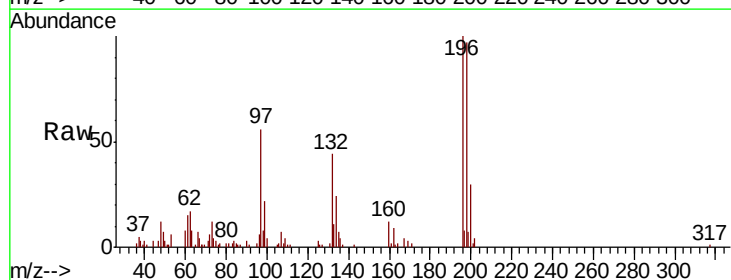
Tgt Ion:196 Resp: 45083

Ion Ratio Lower Upper

196 100

198 96.9 76.6 115.0

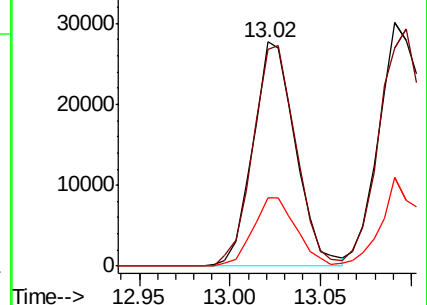
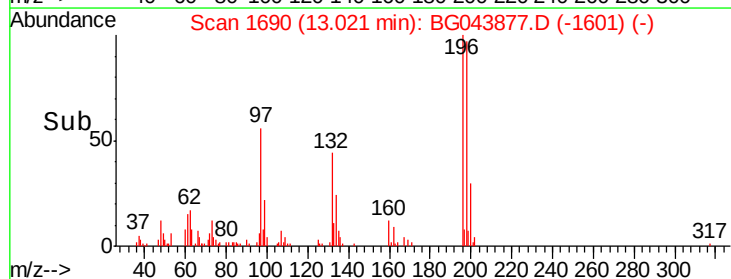
200 30.2 24.6 37.0

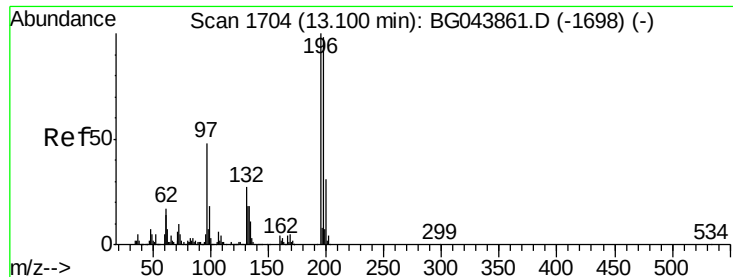


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

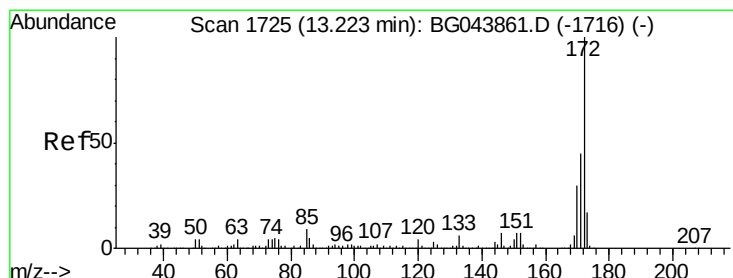
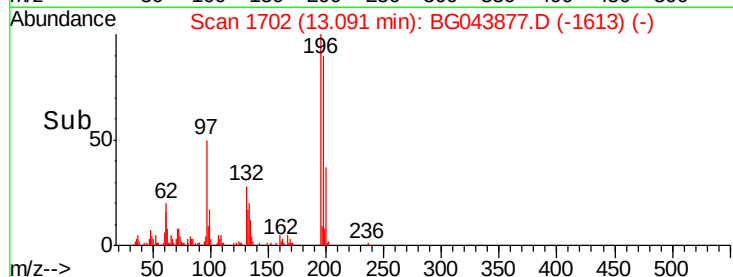
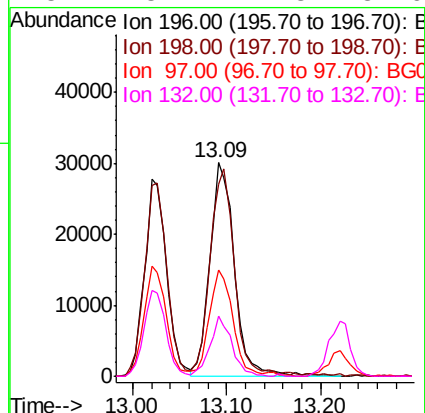
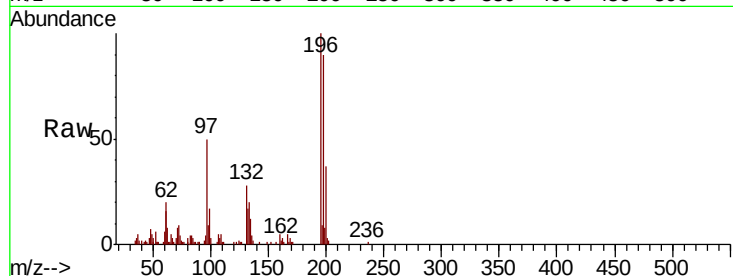




#44
2,4,5-Trichlorophenol
Concen: 7.260 ng
RT: 13.09 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

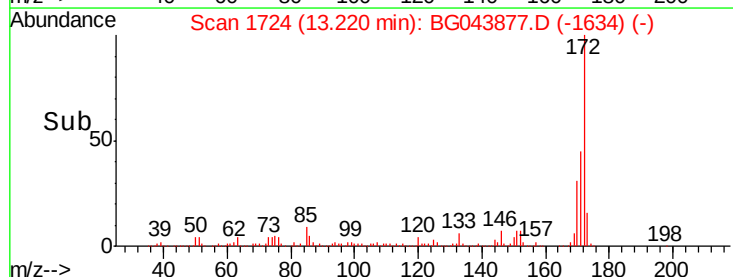
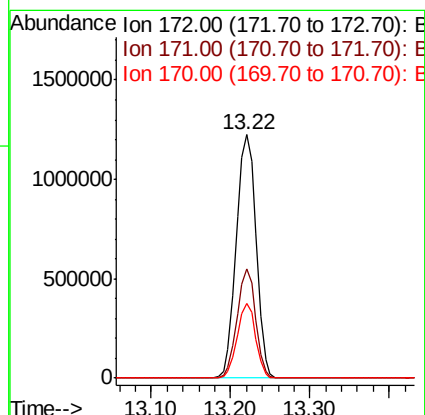
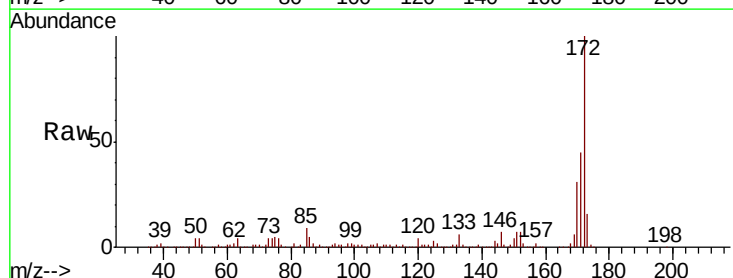
Instrument :
BNA_G
ClientSampled :

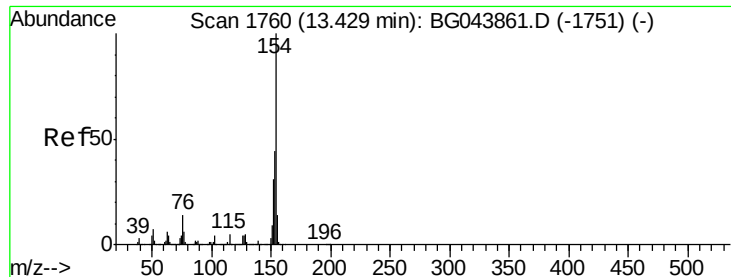
Tot Ion:196 Resp: 54769
Ion Ratio Lower Upper
196 100
198 89.7 78.3 117.5
97 49.8 38.8 58.2
132 28.2 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 105.817 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Tgt Ion:172 Resp: 2118194
Ion Ratio Lower Upper
172 100
171 45.0 35.8 53.8
170 30.8 24.2 36.4

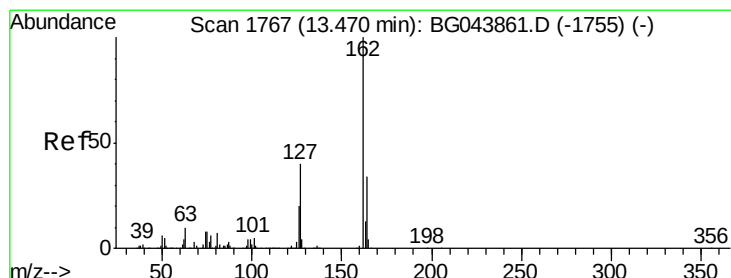
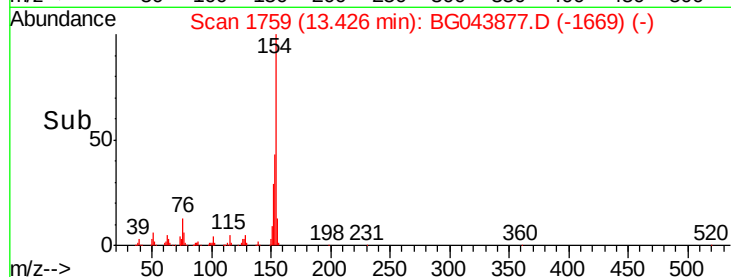
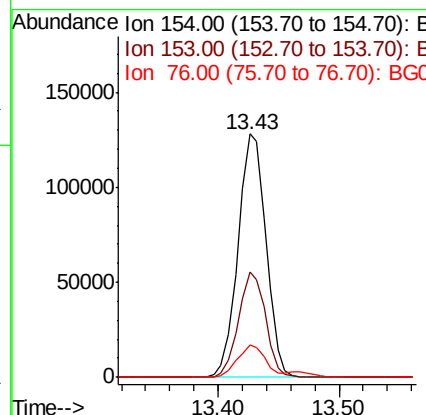
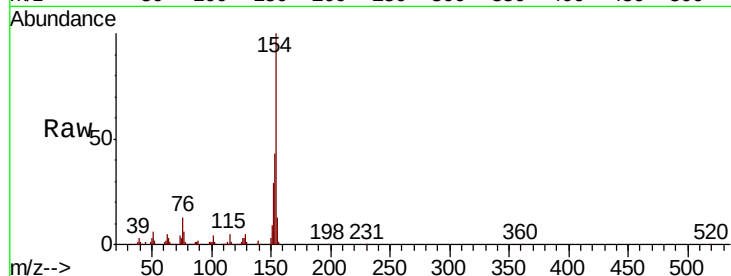




#46
 1,1'-Biphenyl
 Concen: 7.947 ng
 RT: 13.43 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG043877.D
 Acq: 2 Jan 2020 16:18

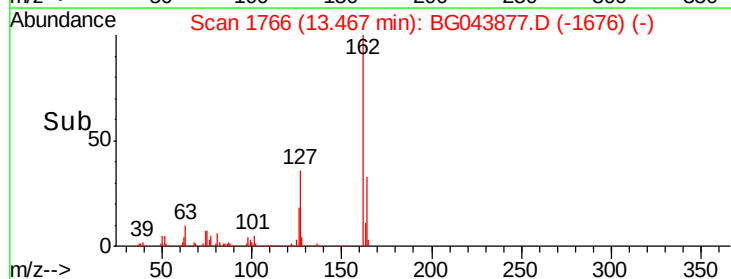
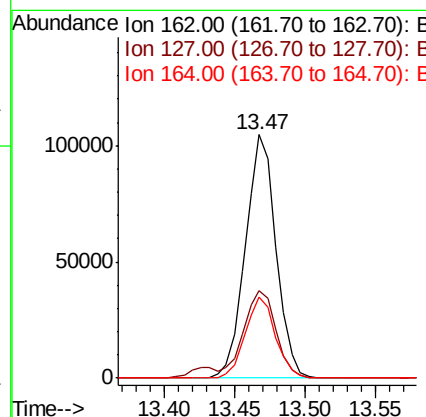
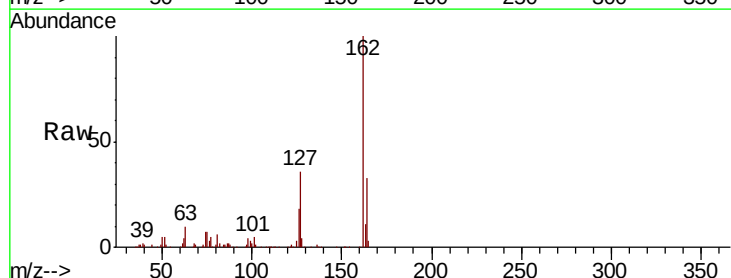
Instrument :
 BNA_G
 ClientSampleId :

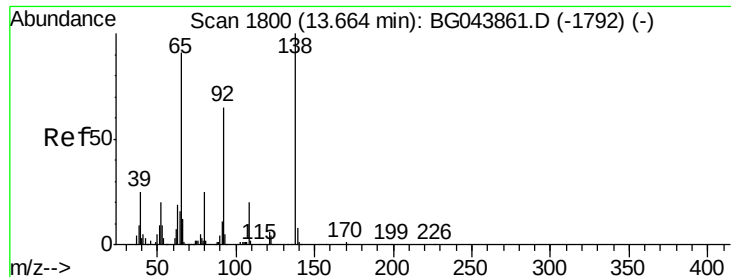
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.3	23.6	63.6
76	13.4	0.0	34.4



#47
 2-Chloronaphthalene
 Concen: 7.543 ng
 RT: 13.47 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG043877.D
 Acq: 2 Jan 2020 16:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.7	32.1	48.1
164	33.2	27.5	41.3

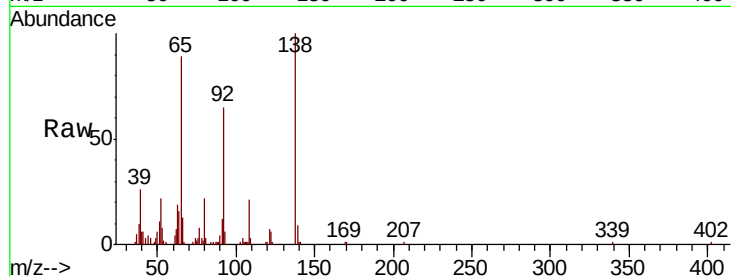




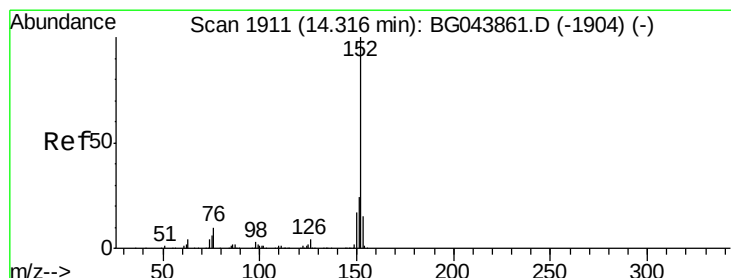
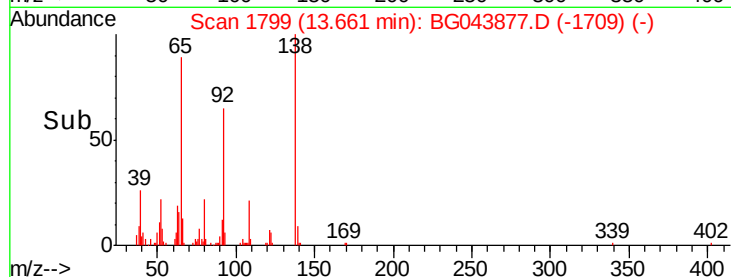
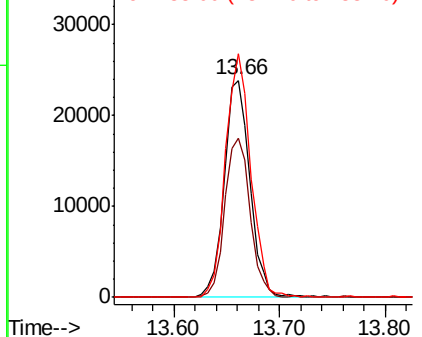
#48
2-Nitroaniline
Concen: 5.965 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.2	57.4	86.2
138	112.3	88.2	132.4

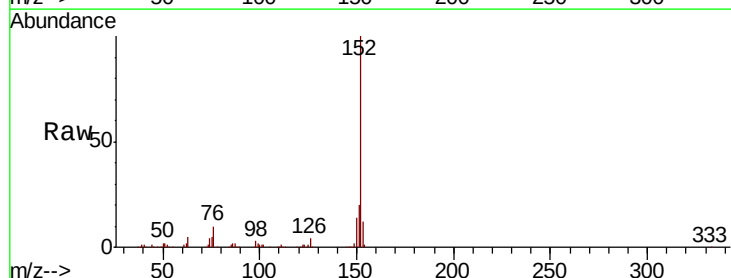


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

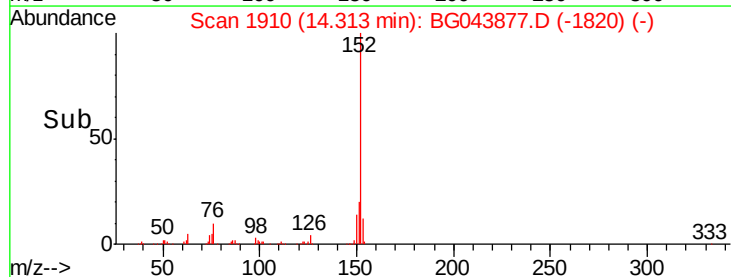
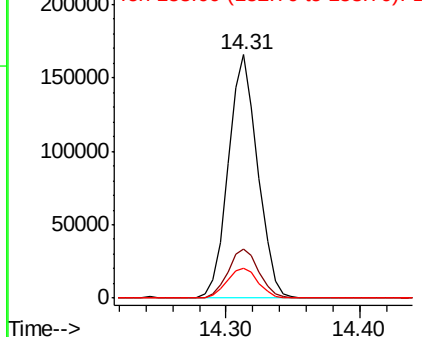


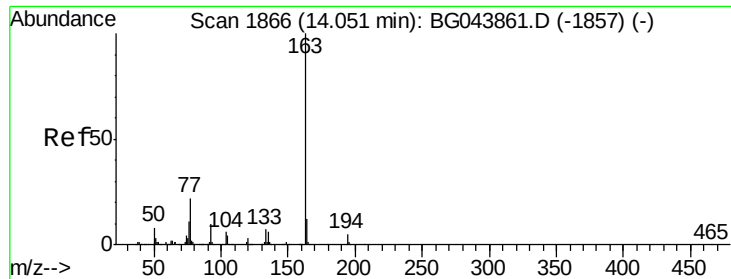
#49
Acenaphthylene
Concen: 8.428 ng
RT: 14.31 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	19.4	29.2
153	12.4	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

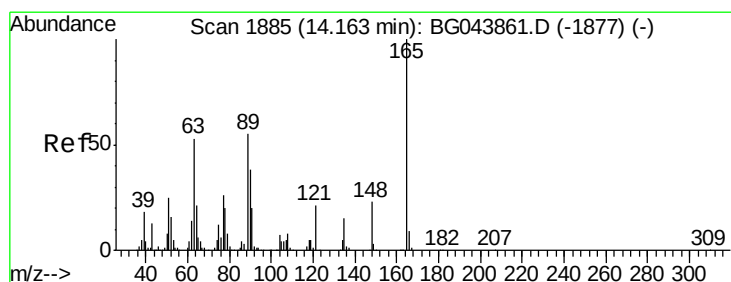
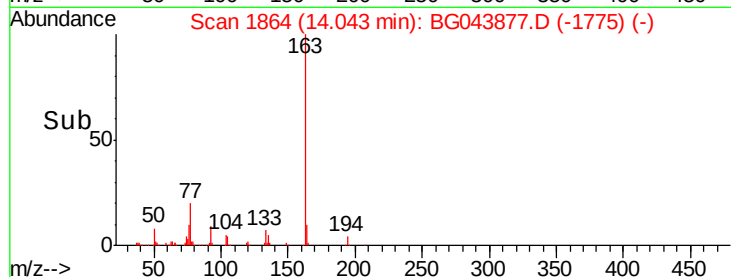
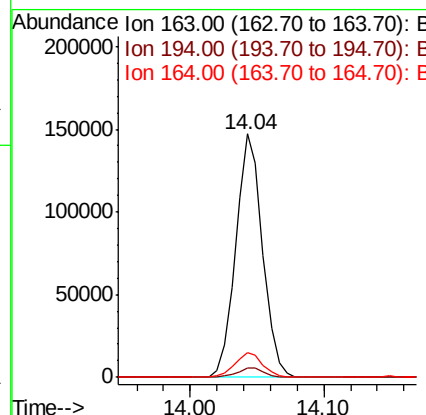
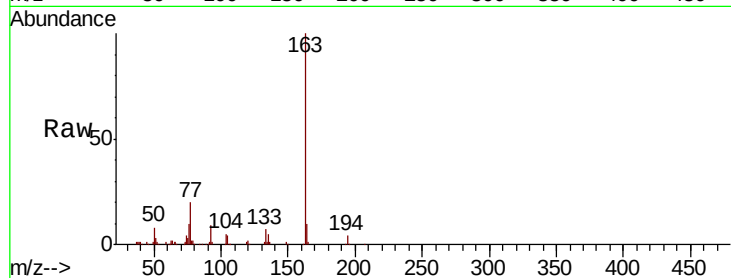




#50
Dimethylphthalate
Concen: 7.948 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

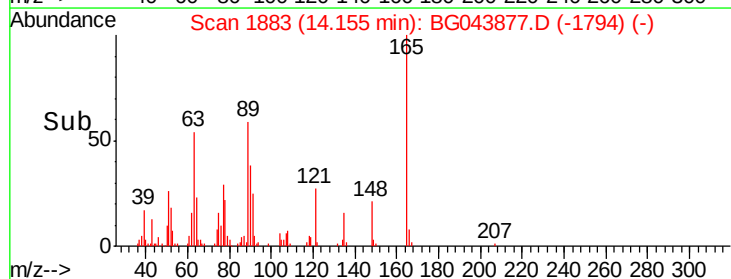
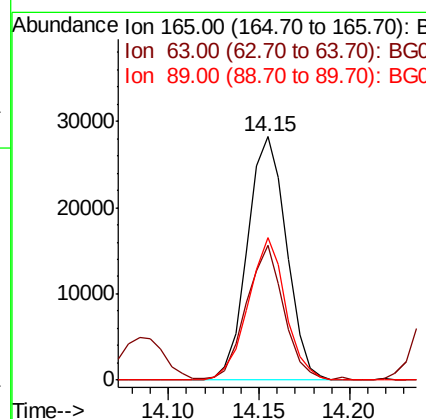
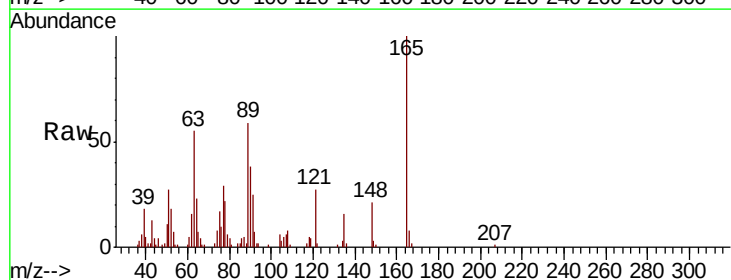
Instrument :
BNA_G
ClientSampleId :

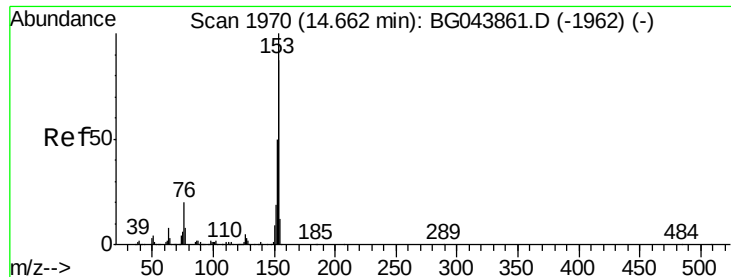
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.7	5.5
164	10.3	9.3	13.9



#51
2,6-Dinitrotoluene
Concen: 7.236 ng
RT: 14.15 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.2	43.1	64.7
89	58.7	43.8	65.6





#52

Acenaphthene

Concen: 7.379 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Instrument :

BNA_G

ClientSampled :

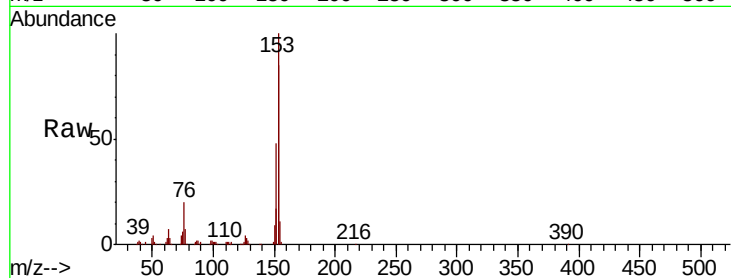
Tot Ion:154 Resp: 156279

Ion Ratio Lower Upper

154 100

153 117.2 91.6 137.4

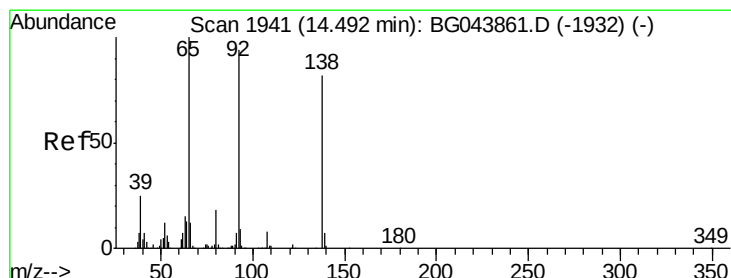
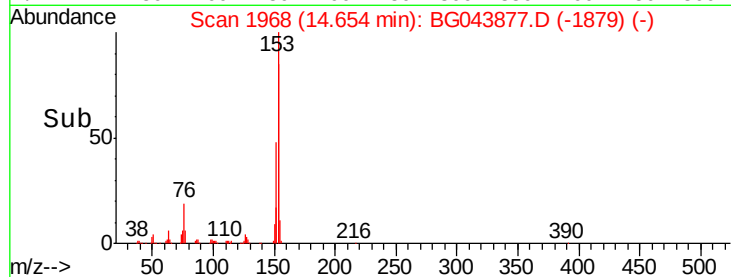
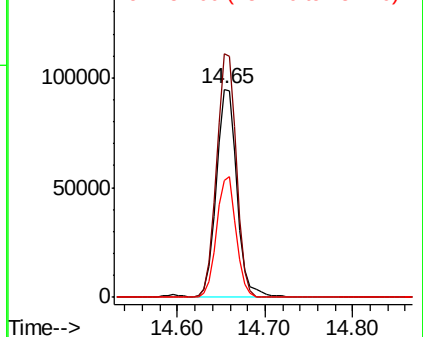
152 56.3 45.4 68.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 6.373 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

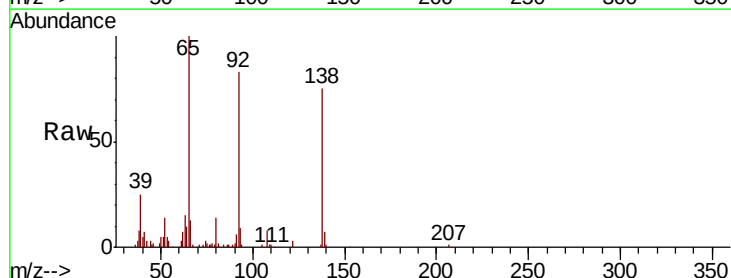
Tgt Ion:138 Resp: 42120

Ion Ratio Lower Upper

138 100

108 10.4 7.4 11.2

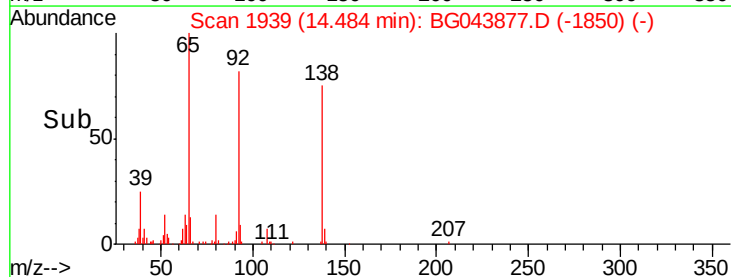
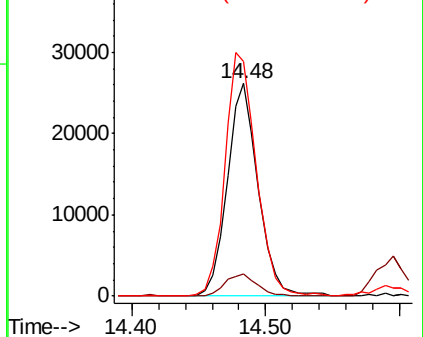
92 110.6 92.1 138.1

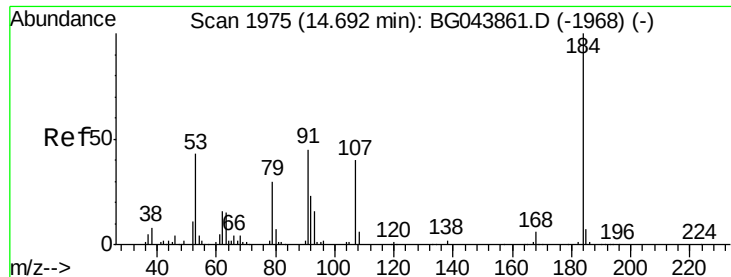


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#54

2,4-Dinitrophenol

Concen: 3.466 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Instrument :

BNA_G

ClientSampleId :

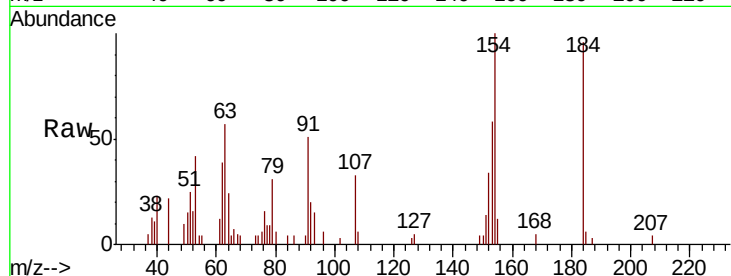
Tot Ion:184 Resp: 9094

Ion Ratio Lower Upper

184 100

63 59.6 46.6 70.0

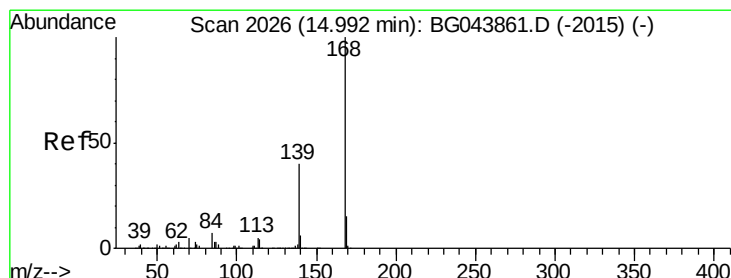
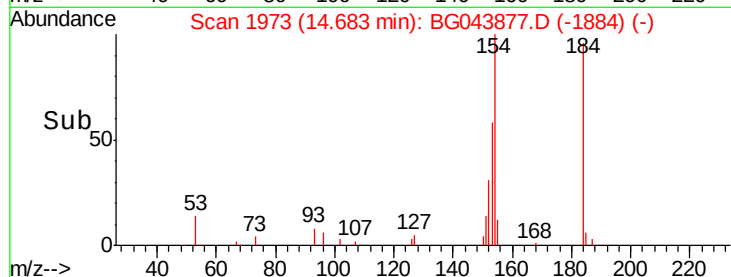
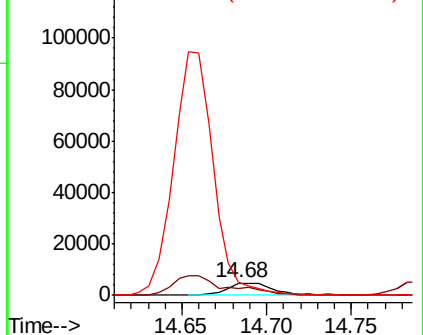
154 104.0 50.2 75.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 8.626 ng

RT: 14.99 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

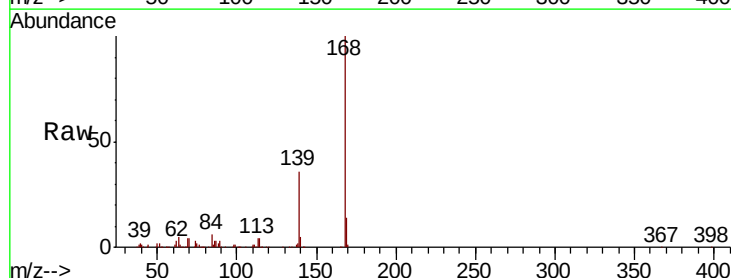
Tgt Ion:168 Resp: 251510

Ion Ratio Lower Upper

168 100

139 35.7 32.2 48.2

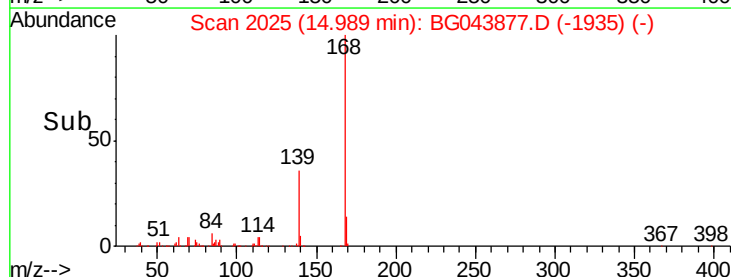
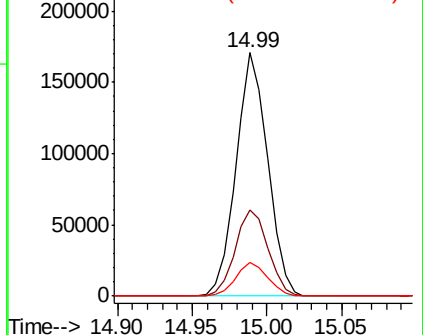
169 13.7 12.2 18.2

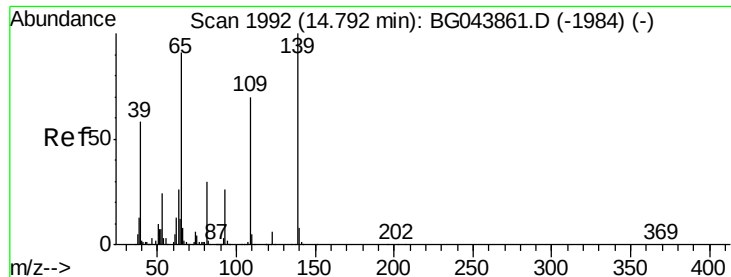


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

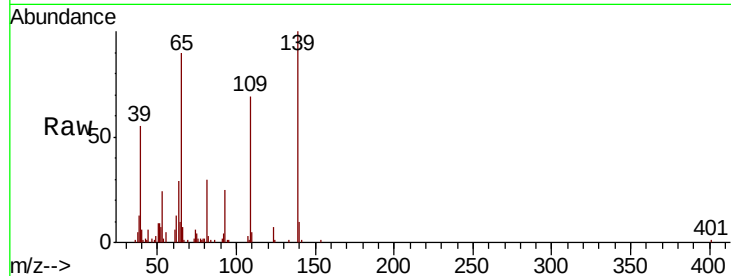




#56
4-Nitrophenol
Concen: 6.351 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	69.2	50.4	90.4
65	90.1	71.4	111.4

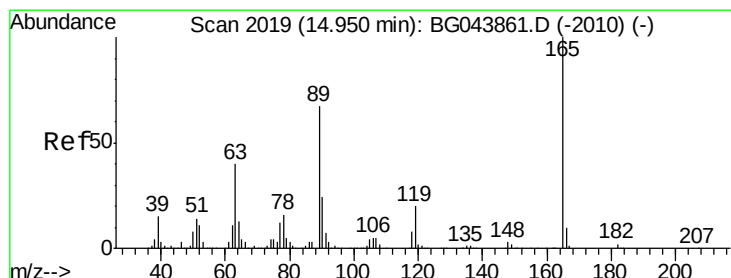
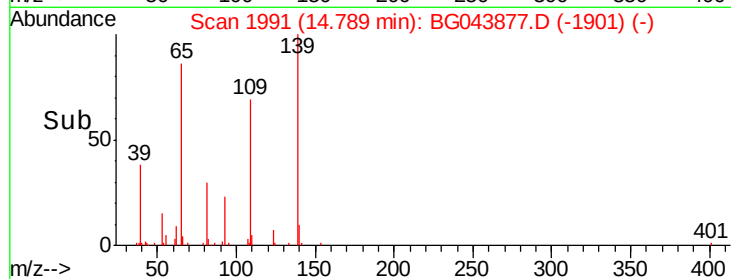
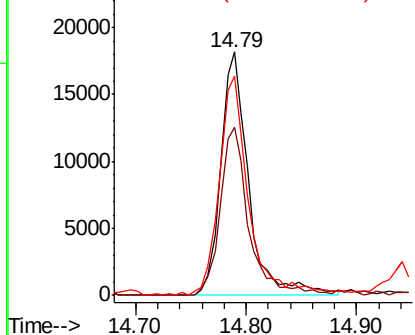


Abundance

Ion 139.00 (138.70 to 139.70): E

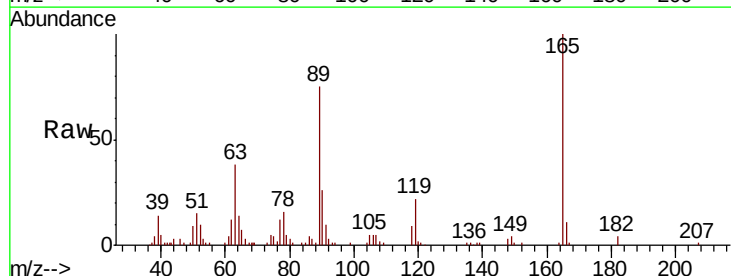
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57
2,4-Dinitrotoluene
Concen: 6.675 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.1	31.9	47.9
89	75.4	53.8	80.6
182	3.5	2.0	3.0#



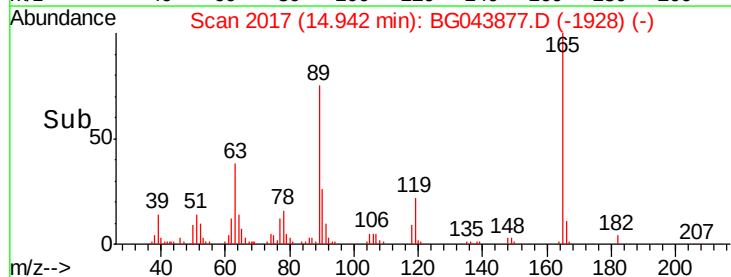
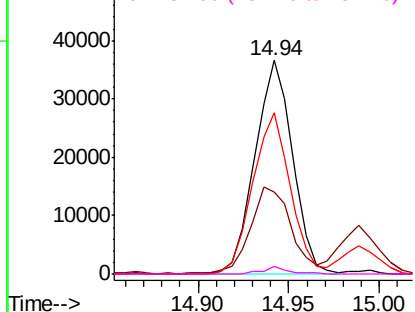
Abundance

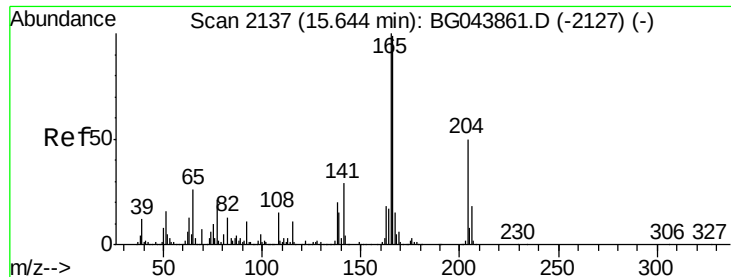
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 8.521 ng

RT: 15.64 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Instrument :

BNA_G

ClientSampleId :

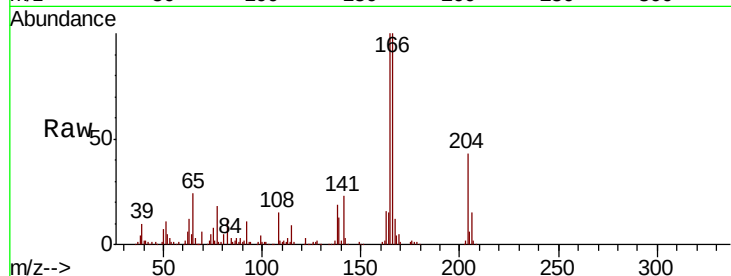
Tot Ion:166 Resp: 196900

Ion Ratio Lower Upper

166 100

165 99.7 80.8 121.2

167 12.4 12.1 18.1

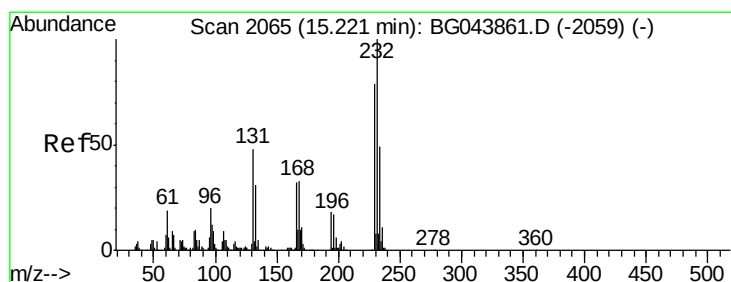
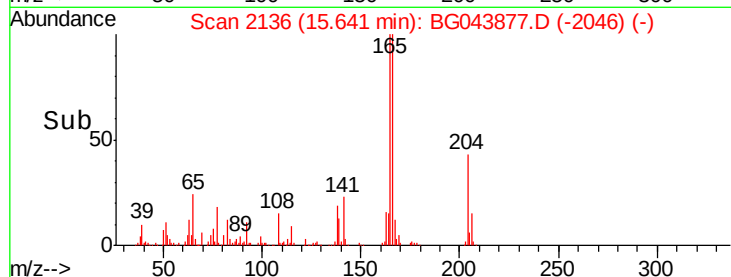
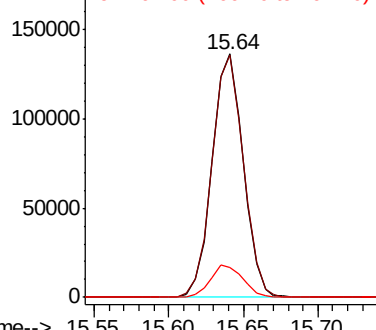


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 7.016 ng

RT: 15.22 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Tgt Ion:232 Resp: 45511

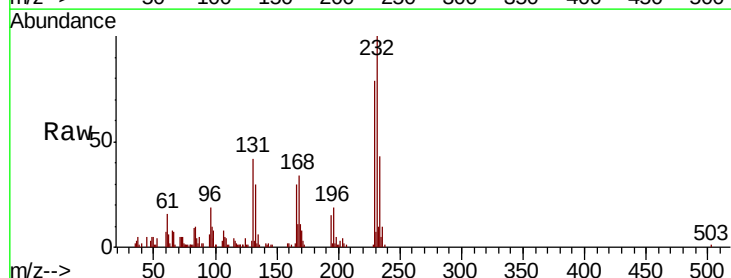
Ion Ratio Lower Upper

232 100

131 47.2 38.2 57.2

130 3.1 2.2 3.2

166 32.9 26.4 39.6



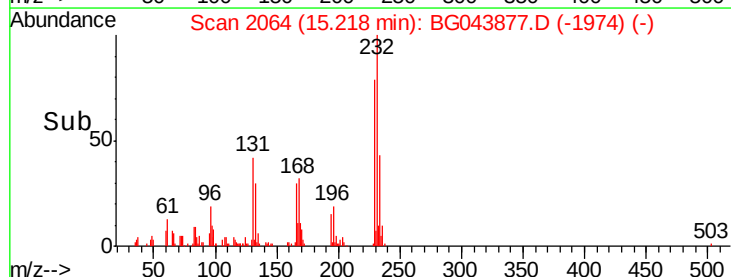
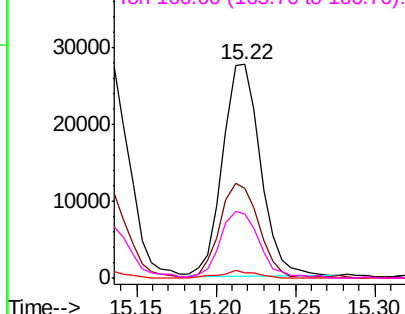
Abundance

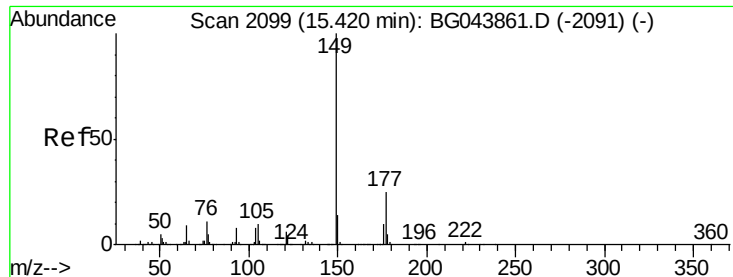
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#60

Diethylphthalate

Concen: 8.151 ng

RT: 15.41 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BG043877.D

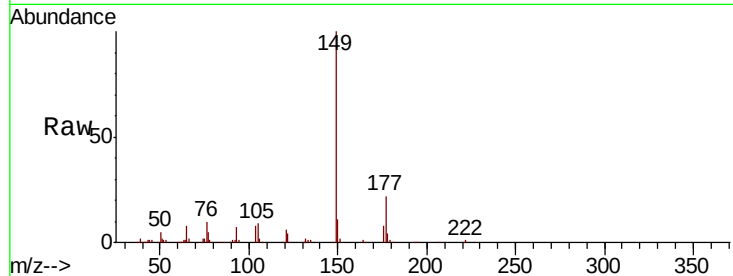
Acq: 2 Jan 2020 16:18

Instrument :

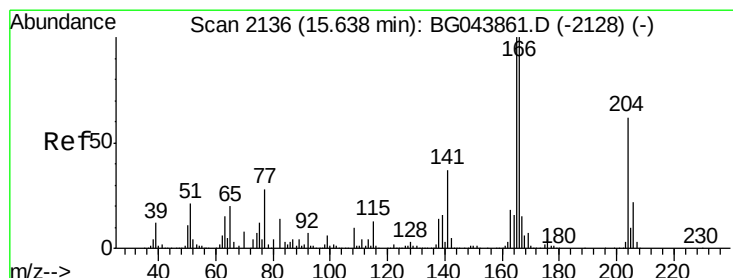
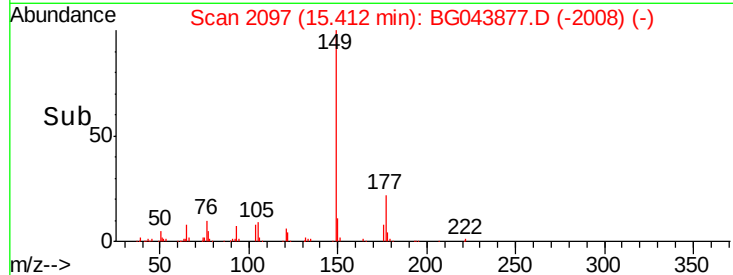
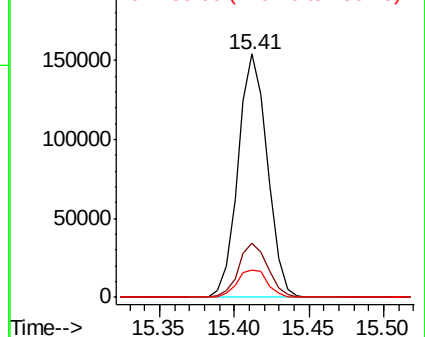
BNA_G

ClientSampleId :

Tot Ion:149	Resp:	209935
Ion Ratio	Lower	Upper
149	100	
177	22.1	20.0 30.0
150	11.1	11.1 16.7#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 7.917 ng

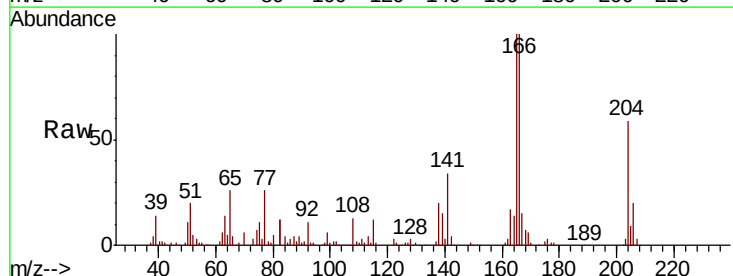
RT: 15.64 min Scan# 2135

Delta R.T. -0.00 min

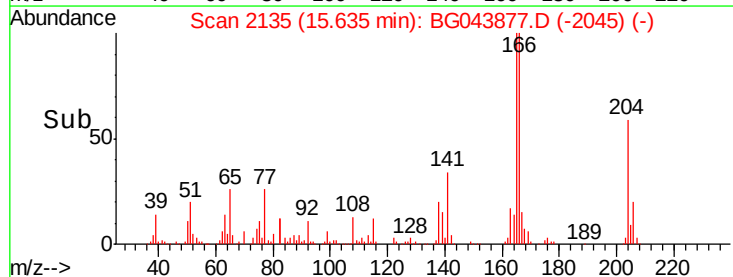
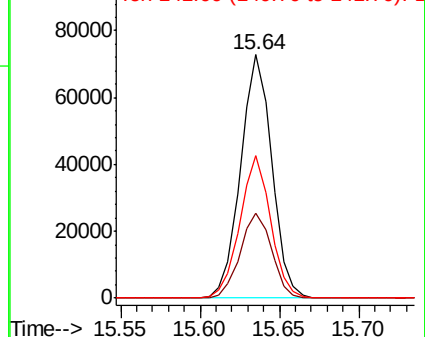
Lab File: BG043877.D

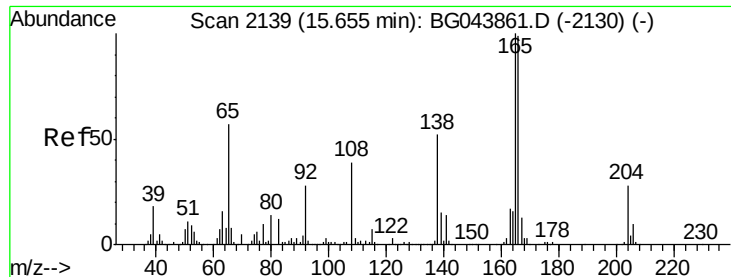
Acq: 2 Jan 2020 16:18

Tgt Ion:204	Resp:	99346
Ion Ratio	Lower	Upper
204	100	
206	34.8	28.2 42.2
141	58.5	48.2 72.2



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





#62

4-Nitroaniline

Concen: 6.678 ng

RT: 15.64 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Instrument :

BNA_G

ClientSampleId :

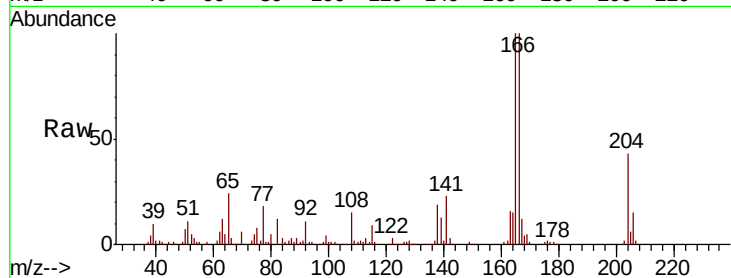
Tot Ion:138 Resp: 43587

Ion Ratio Lower Upper

138 100

92 59.5 34.3 74.3

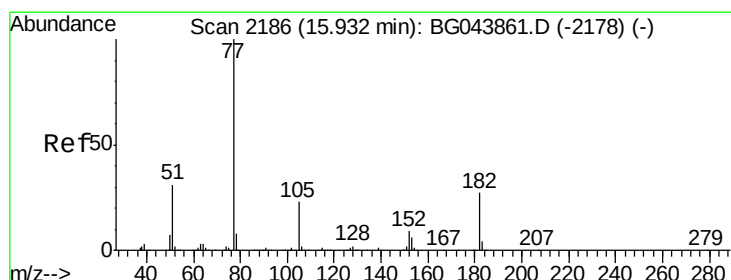
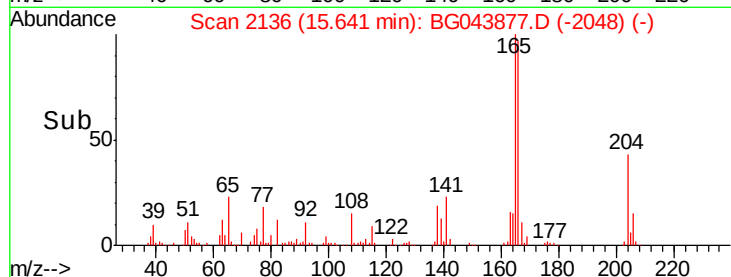
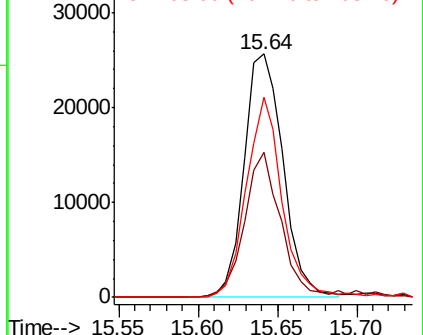
108 82.2 55.0 95.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 8.291 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Tgt Ion: 77 Resp: 198030

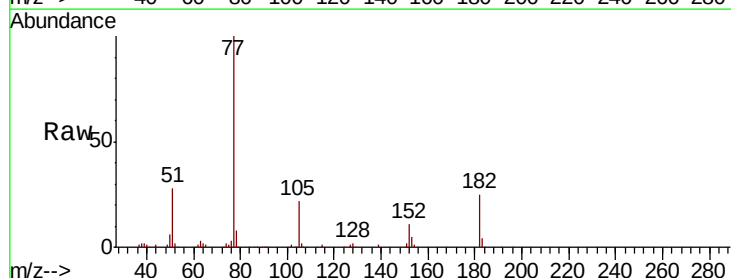
Ion Ratio Lower Upper

77 100

182 25.4 7.3 47.3

105 22.0 3.2 43.2

51 28.5 10.6 50.6

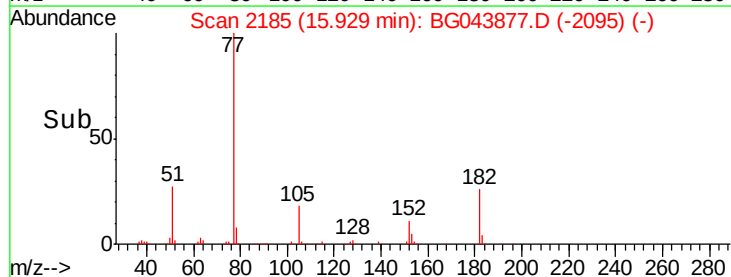
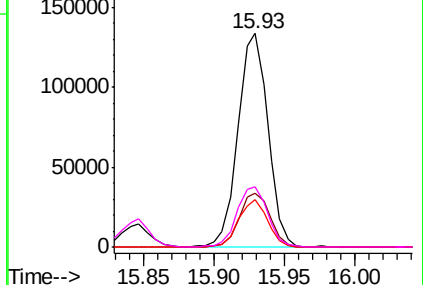


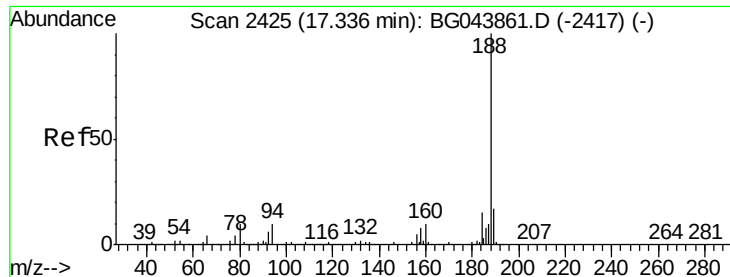
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG

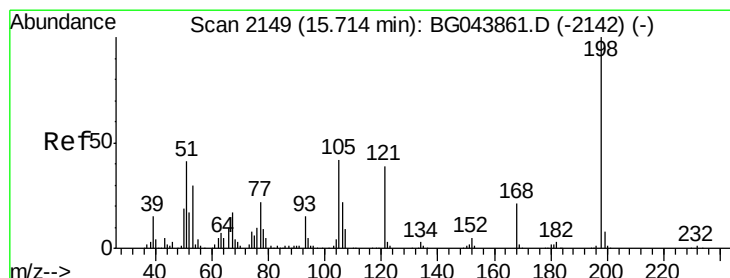
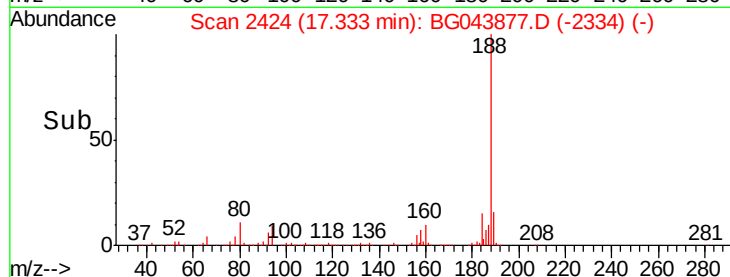
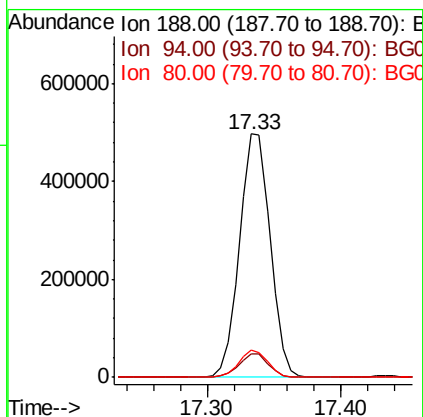
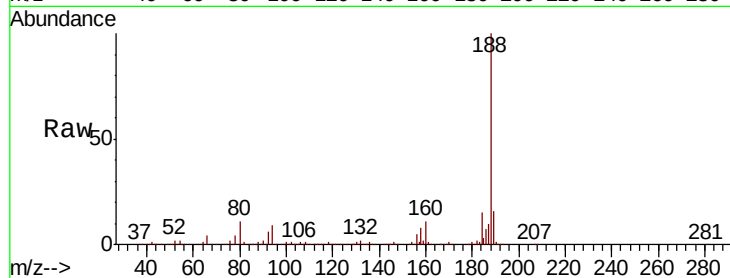




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.33 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG043877.D
 Acq: 2 Jan 2020 16:18

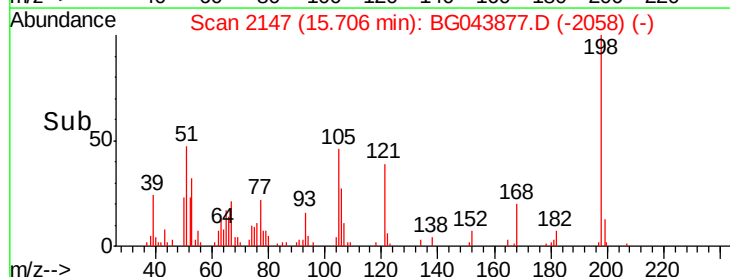
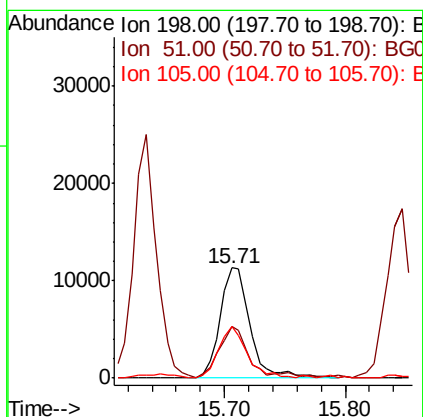
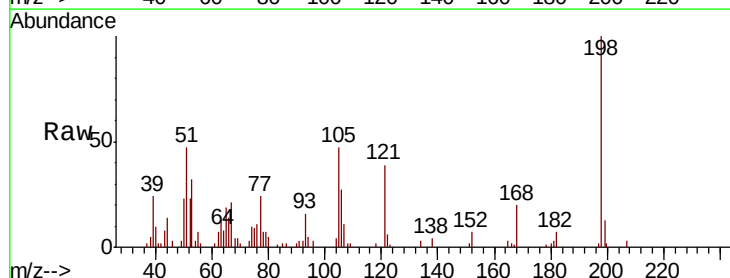
Instrument :
 BNA_G
 ClientSampleId :

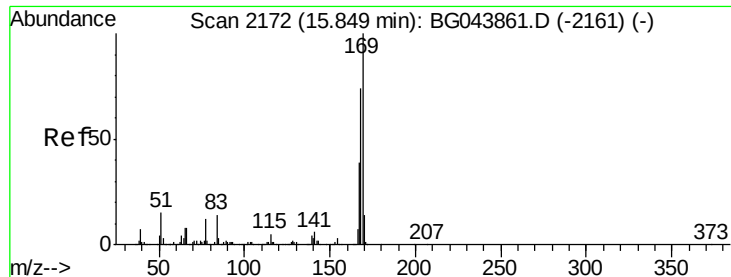
Tot Ion:188 Resp: 787817
 Ion Ratio Lower Upper
 188 100
 94 9.5 7.9 11.9
 80 11.0 8.2 12.4



#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.026 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG043877.D
 Acq: 2 Jan 2020 16:18

Tgt Ion:198 Resp: 19256
 Ion Ratio Lower Upper
 198 100
 51 47.2 22.5 62.5
 105 47.0 22.3 62.3





#66

n-Nitrosodiphenylamine

Concen: 7.649 ng

RT: 15.85 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Instrument :

BNA_G

ClientSampleId :

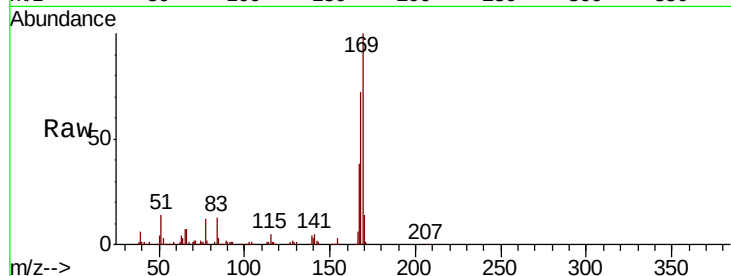
Tot Ion:169 Resp: 177461

Ion Ratio Lower Upper

169 100

168 72.4 59.0 88.6

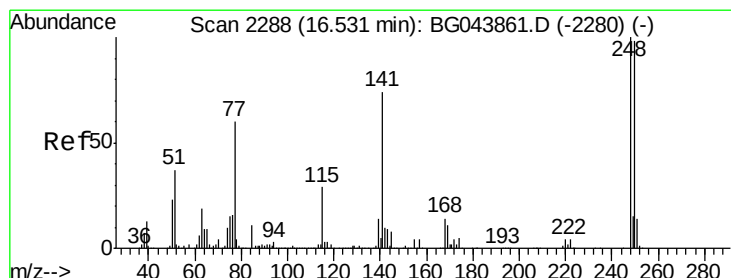
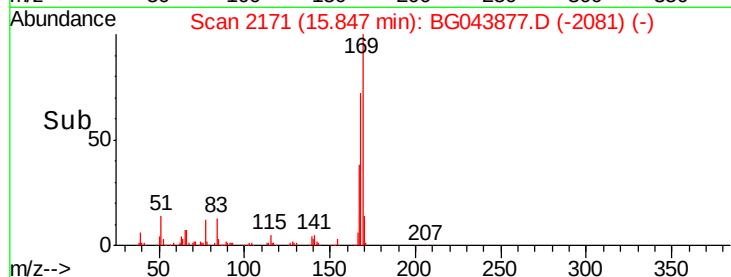
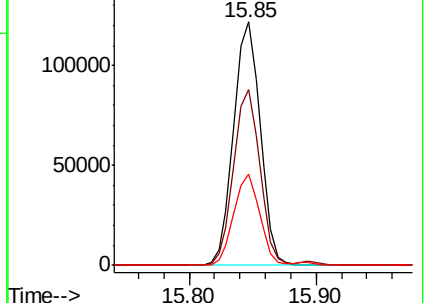
167 37.6 31.4 47.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 6.761 ng

RT: 16.53 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

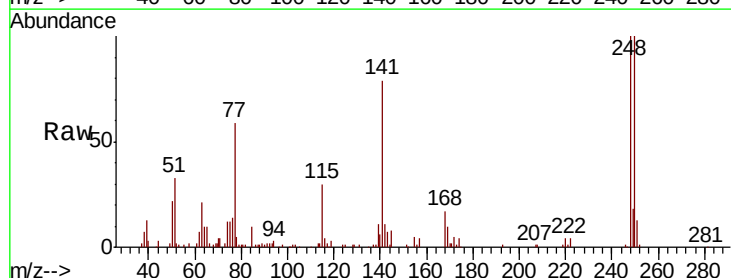
Tgt Ion:248 Resp: 59905

Ion Ratio Lower Upper

248 100

250 99.7 78.2 117.2

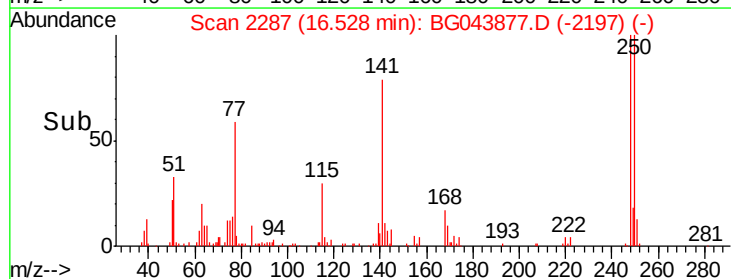
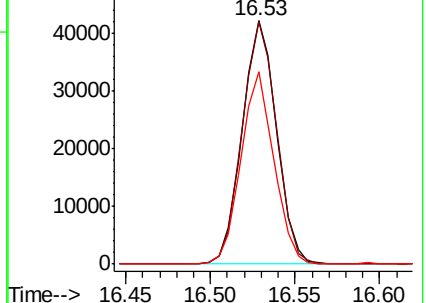
141 78.9 59.3 88.9

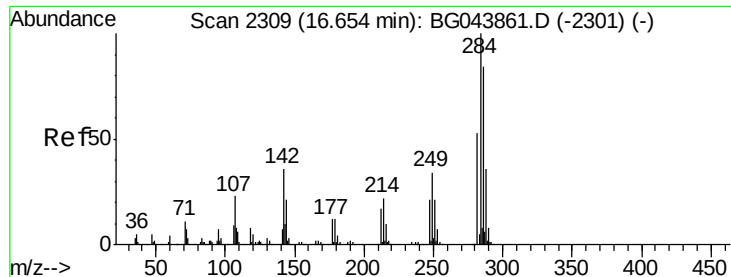


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 7.045 ng

RT: 16.65 min Scan# 2308

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Instrument :

BNA_G

ClientSampled :

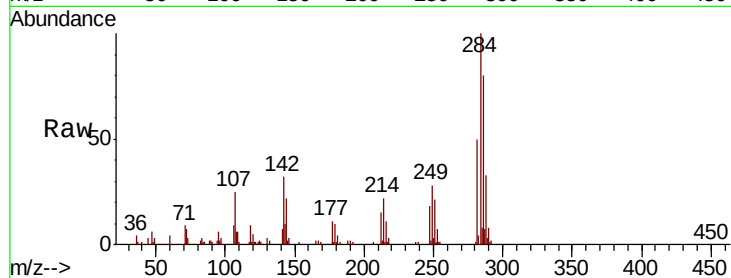
Tot Ion:284 Resp: 67261

Ion Ratio Lower Upper

284 100

142 31.8 28.6 43.0

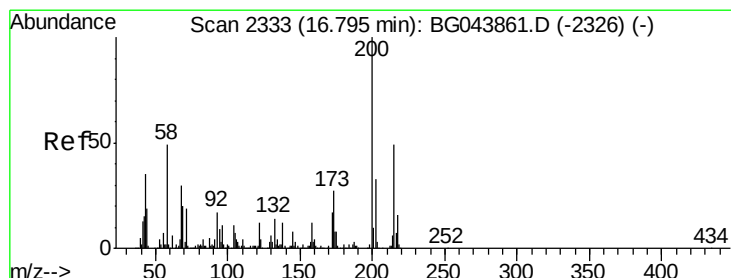
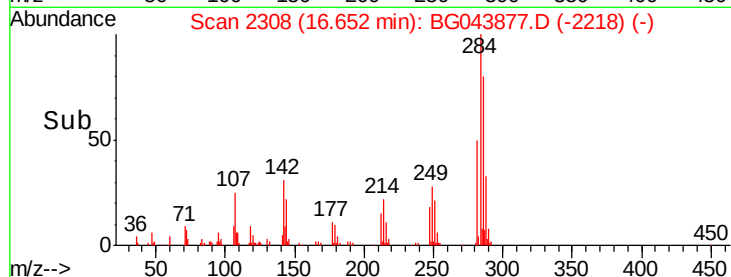
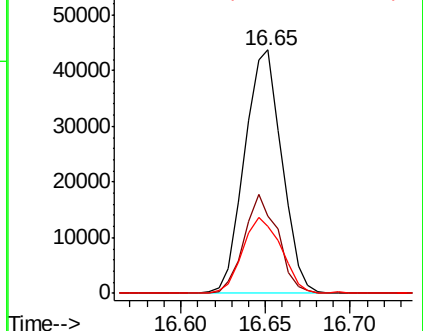
249 27.6 27.0 40.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 7.261 ng

RT: 16.79 min Scan# 2332

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

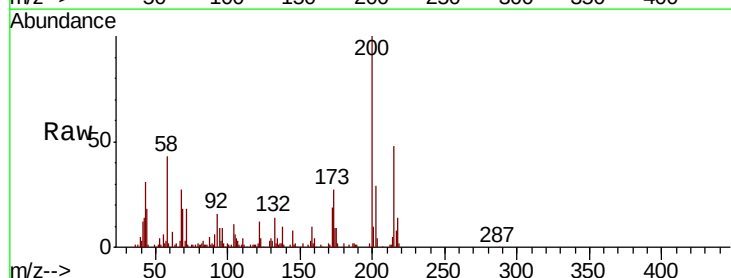
Tgt Ion:200 Resp: 54761

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

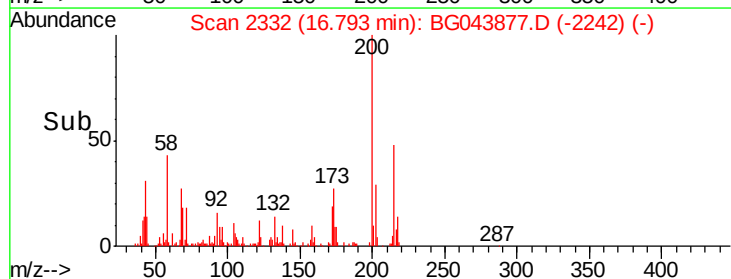
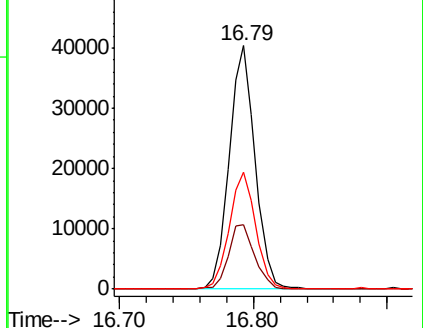
215 48.2 28.6 68.6

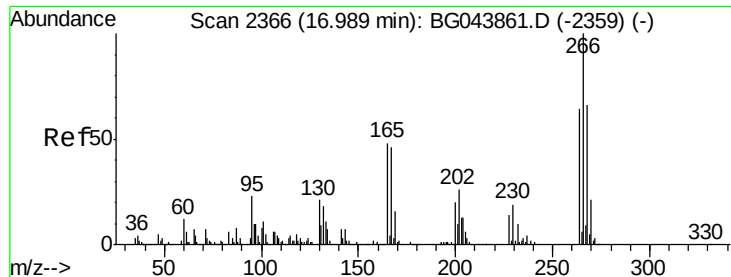


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

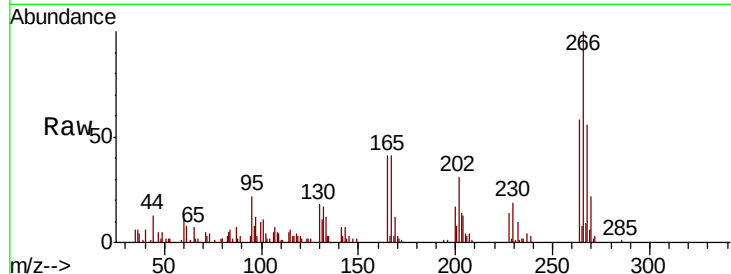




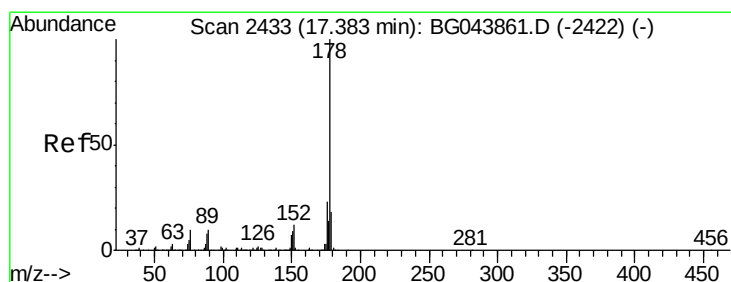
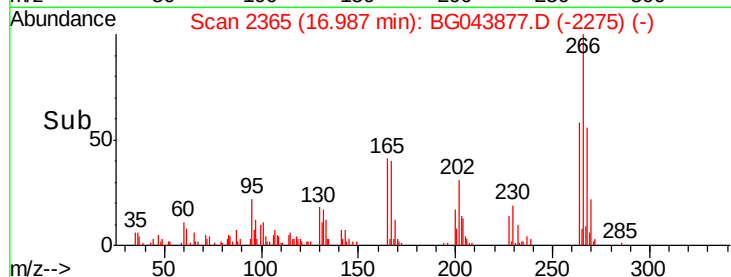
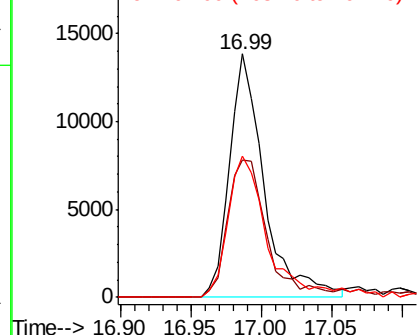
#70
 Pentachlorophenol
 Concen: 4.508 ng
 RT: 16.99 min Scan# 2365
 Delta R.T. -0.00 min
 Lab File: BG043877.D
 Acq: 2 Jan 2020 16:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 23724
 Ion Ratio Lower Upper
 266 100
 268 56.2 52.6 79.0
 264 57.9 50.8 76.2

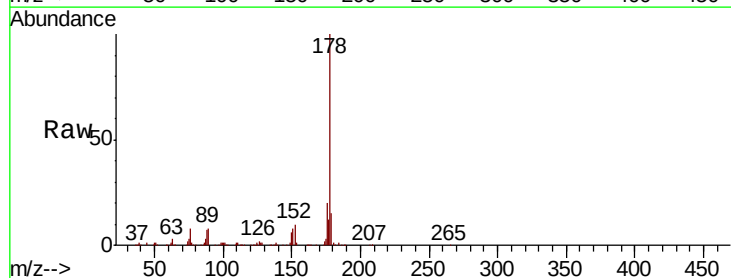


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

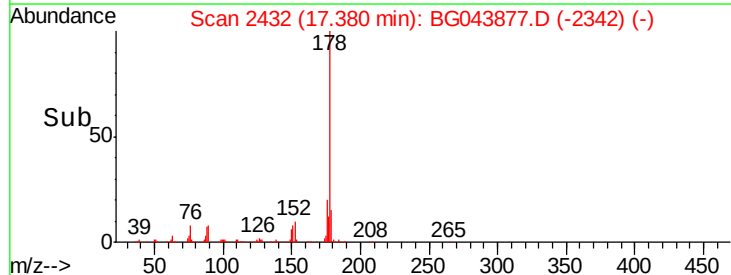
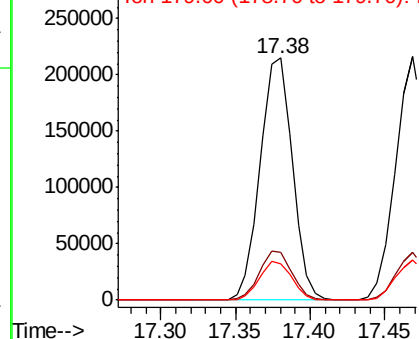


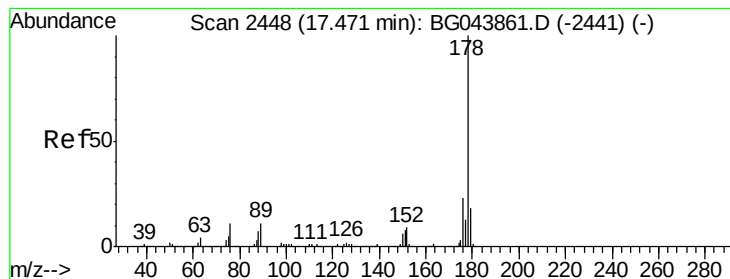
#71
 Phenanthrene
 Concen: 8.512 ng
 RT: 17.38 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BG043877.D
 Acq: 2 Jan 2020 16:18

Tgt Ion:178 Resp: 321631
 Ion Ratio Lower Upper
 178 100
 176 20.0 18.6 28.0
 179 15.0 14.4 21.6



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





#72

Anthracene

Concen: 8.572 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

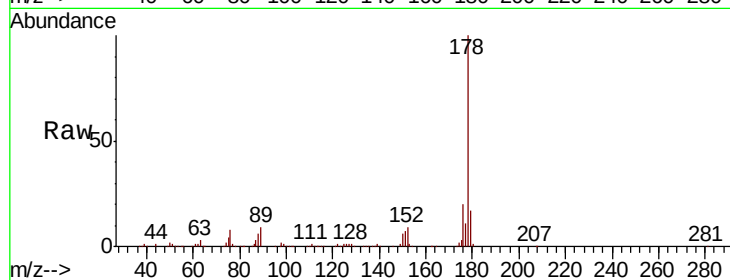
Instrument :

BNA_G

ClientSampled :

Tot Ion:178 Resp: 320130

Ion	Ratio	Lower	Upper
178	100		
176	19.9	18.3	27.5
179	16.5	14.6	22.0

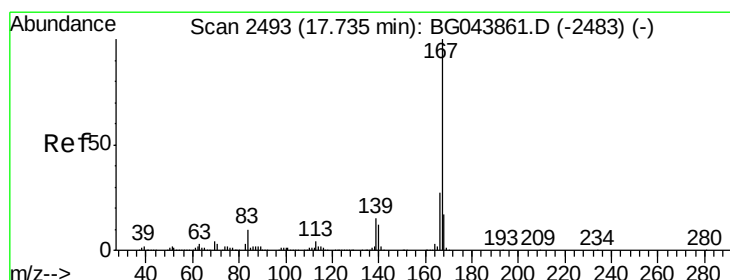
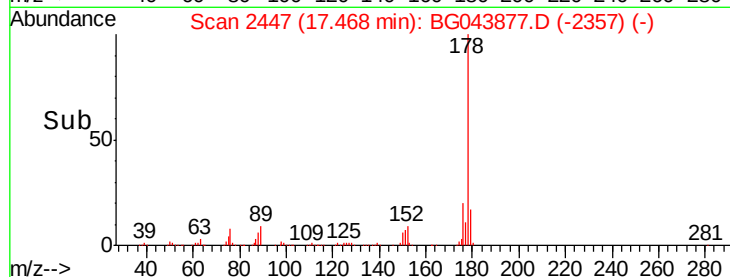
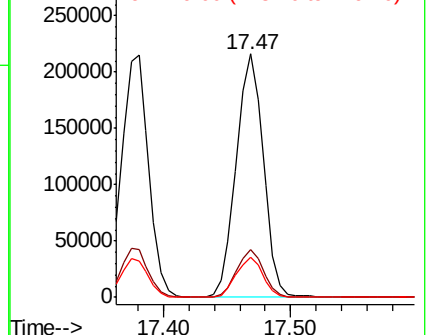


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 8.394 ng

RT: 17.73 min Scan# 2492

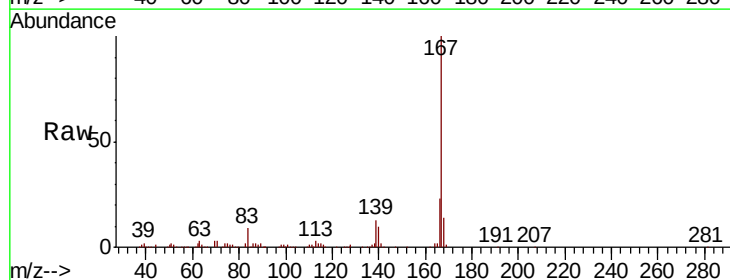
Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Tgt Ion:167 Resp: 289575

Ion	Ratio	Lower	Upper
167	100		
166	22.8	21.6	32.4
139	12.8	12.1	18.1

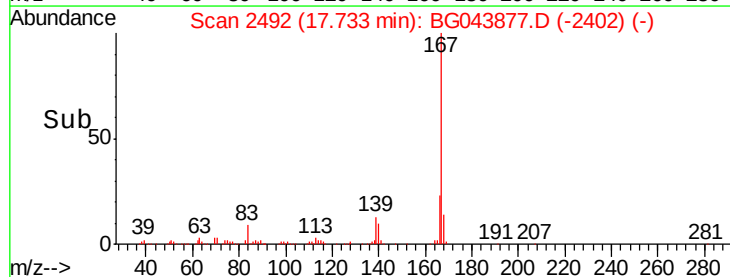
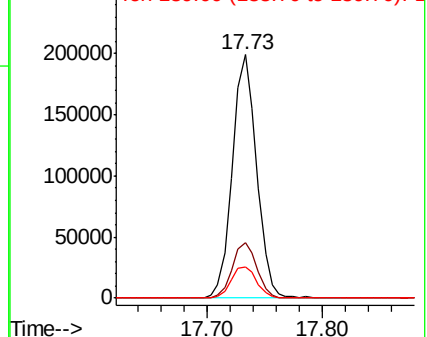


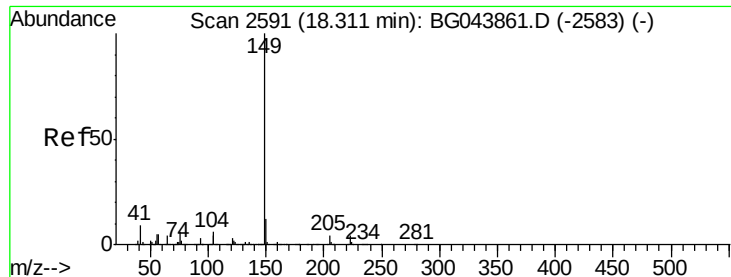
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 8.057 ng

RT: 18.31 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Instrument :

BNA_G

ClientSampleId :

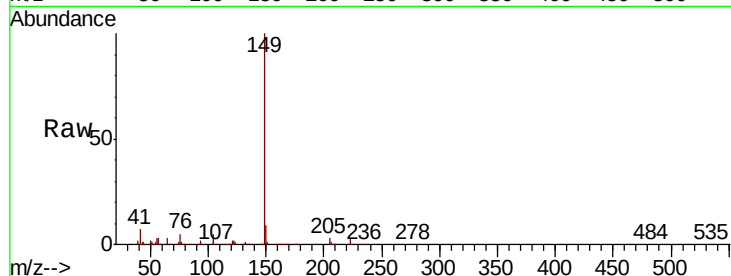
Tot Ion:149 Resp: 354861

Ion Ratio Lower Upper

149 100

150 9.3 9.7 14.5#

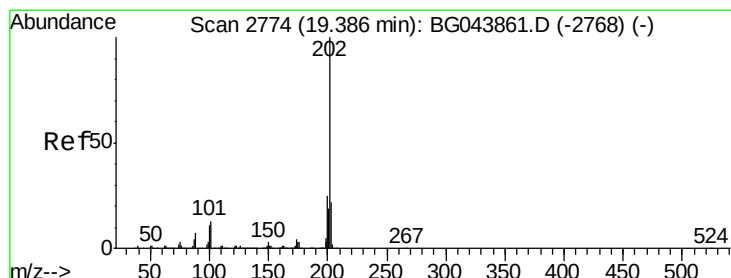
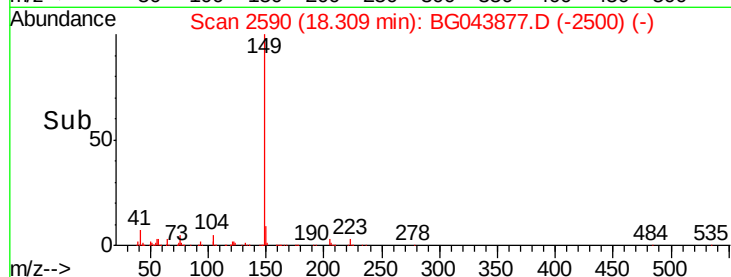
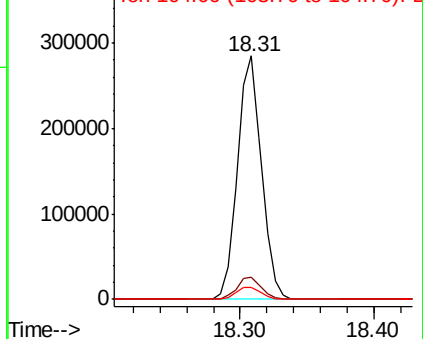
104 4.7 5.0 7.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 8.731 ng

RT: 19.38 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

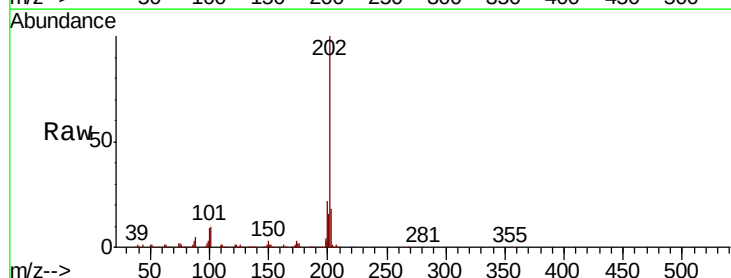
Tgt Ion:202 Resp: 377318

Ion Ratio Lower Upper

202 100

101 10.3 0.0 33.3

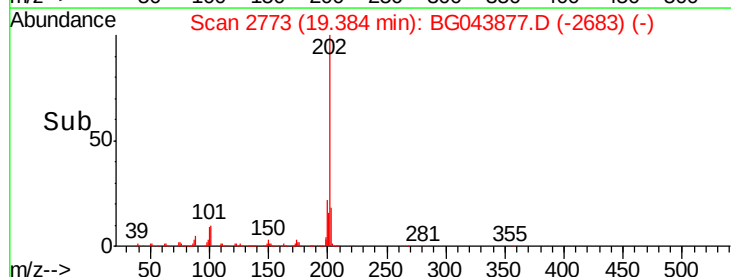
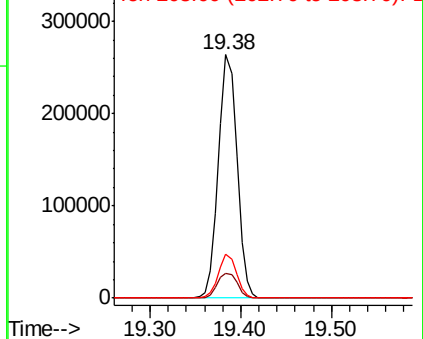
203 18.0 1.6 41.6

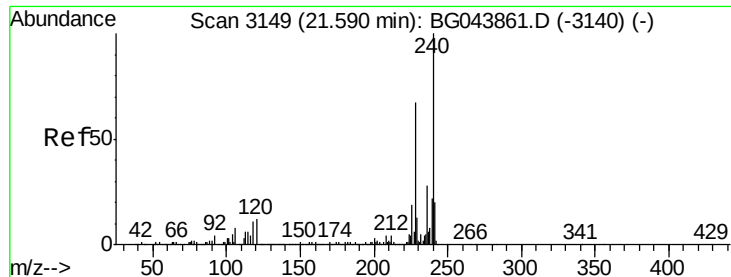


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Instrument :

BNA_G

ClientSampled :

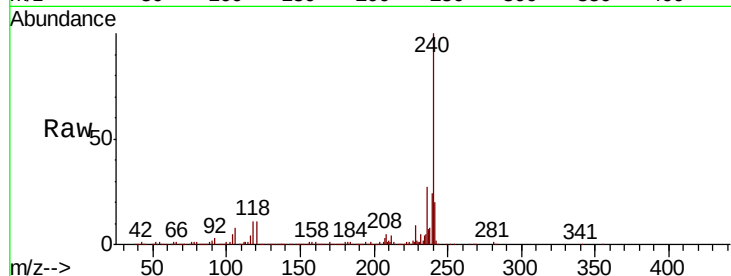
Tot Ion:240 Resp: 703707

Ion Ratio Lower Upper

240 100

120 11.2 9.6 14.4

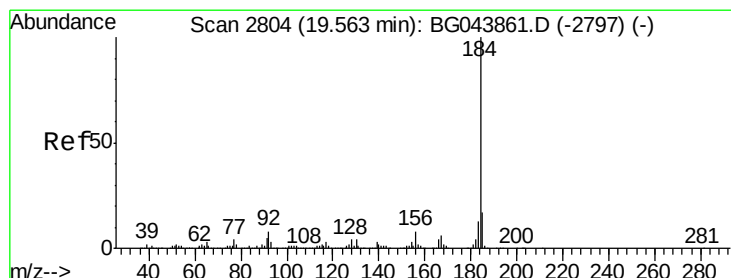
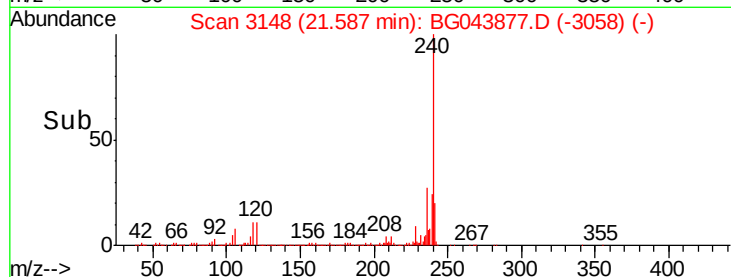
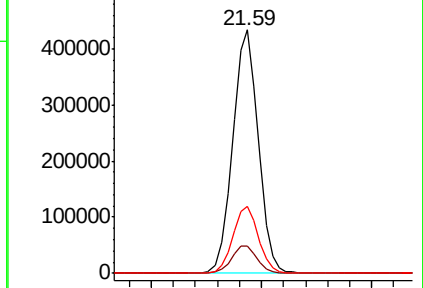
236 27.3 22.2 33.2



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: 7.580 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

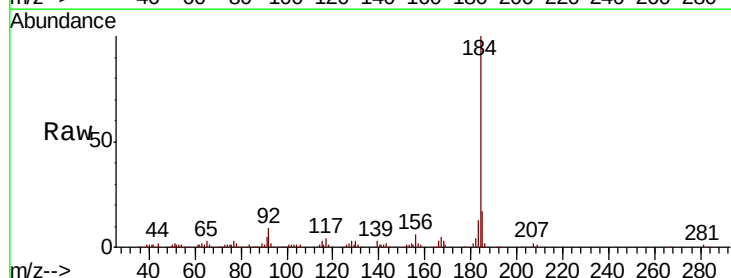
Tgt Ion:184 Resp: 134072

Ion Ratio Lower Upper

184 100

185 17.2 13.4 20.0

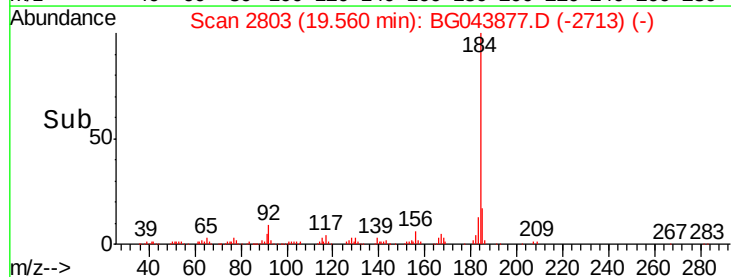
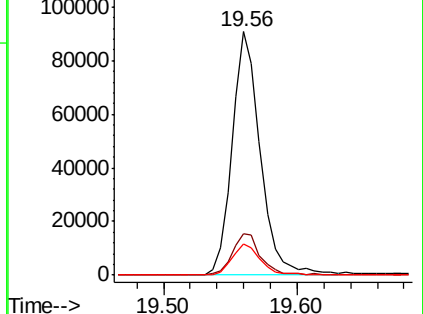
183 12.8 10.6 15.8

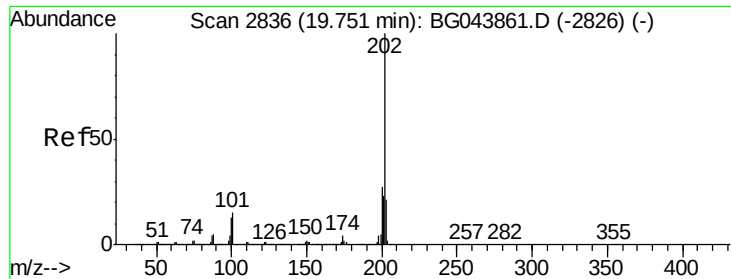


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

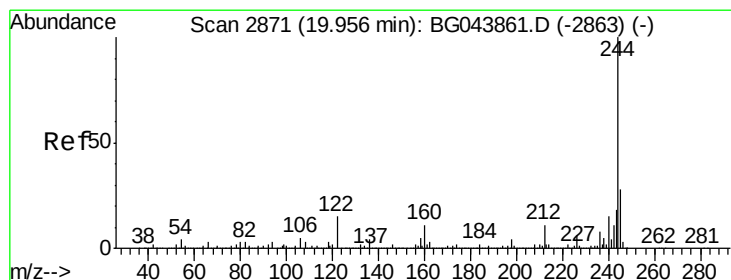
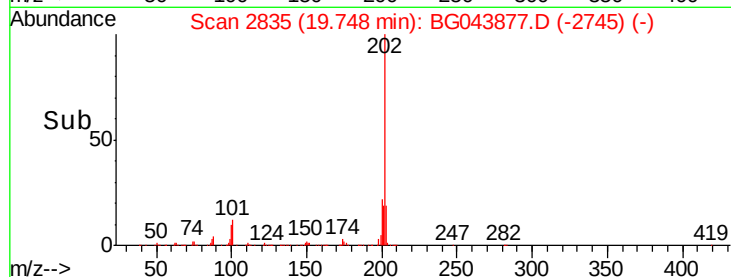
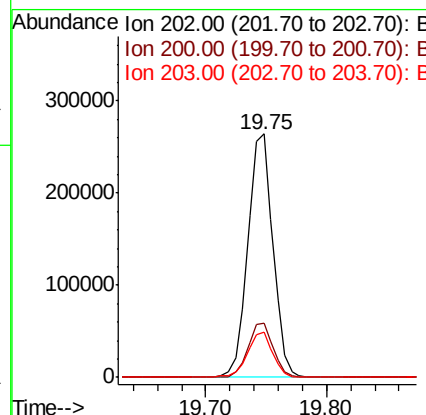
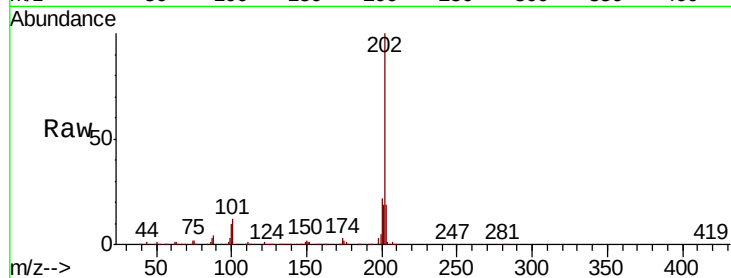




#78
Pvrene
Concen: 8.380 ng
RT: 19.75 min Scan# 2835
Delta R.T. -0.00 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

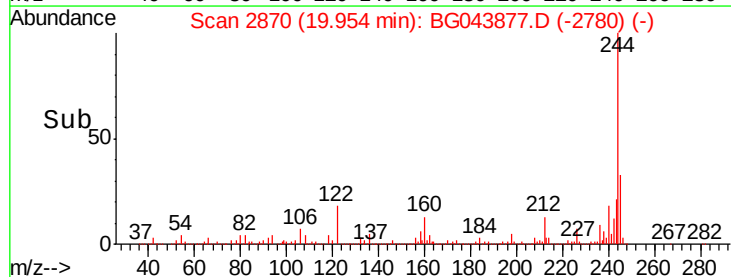
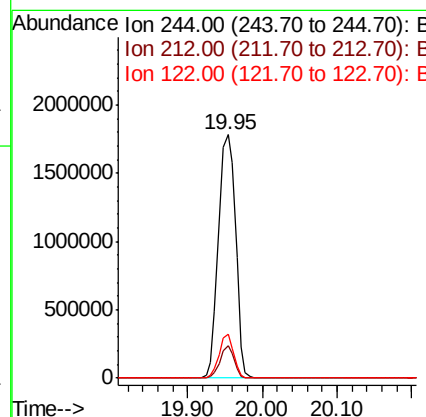
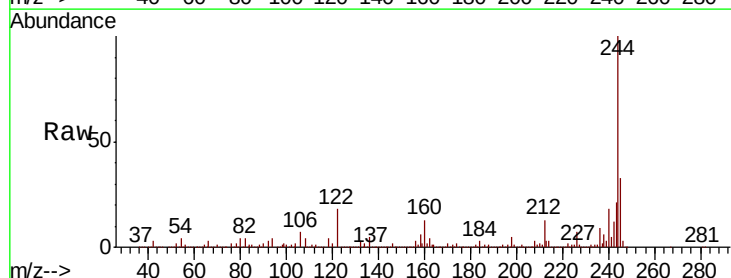
Instrument :
BNA_G
ClientSampleId :

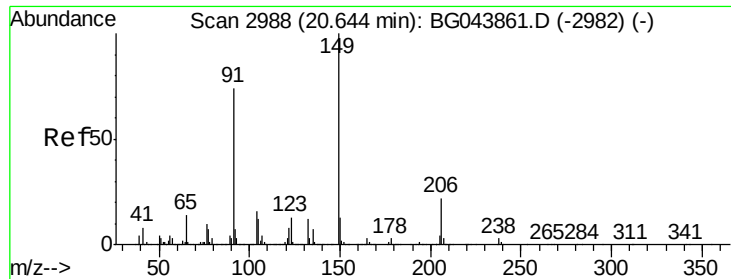
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	21.7	32.5
203	18.6	17.0	25.6



#79
Terphenyl-d14
Concen: 97.388 ng
RT: 19.95 min Scan# 2870
Delta R.T. -0.00 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	13.4	8.6	13.0#
122	18.0	11.9	17.9#

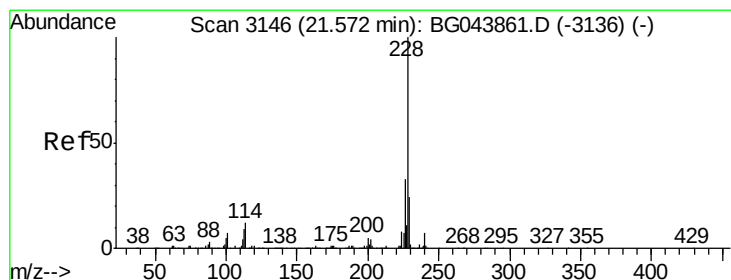
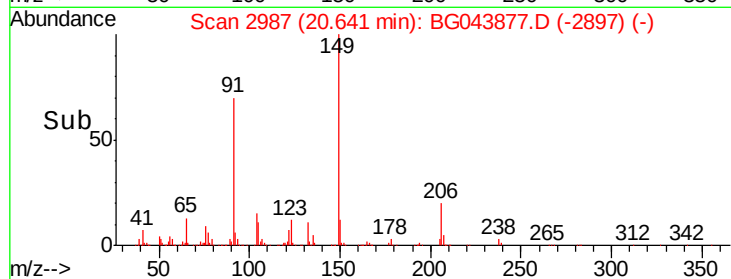
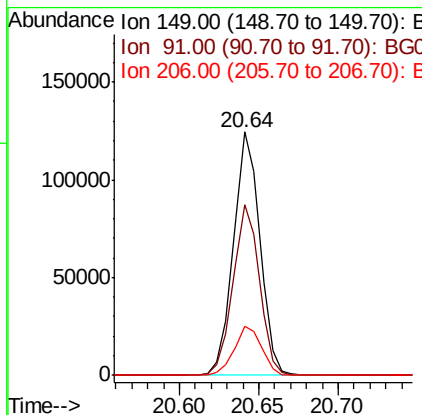
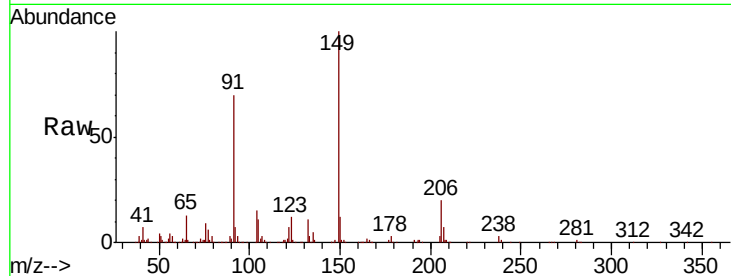




#80
Butylbenzylphthalate
Concen: 6.572 ng
RT: 20.64 min Scan# 2987
Delta R.T. -0.00 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

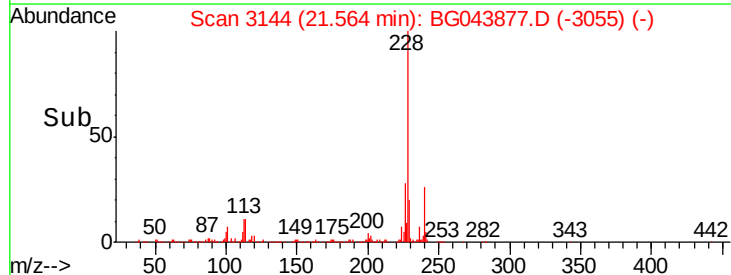
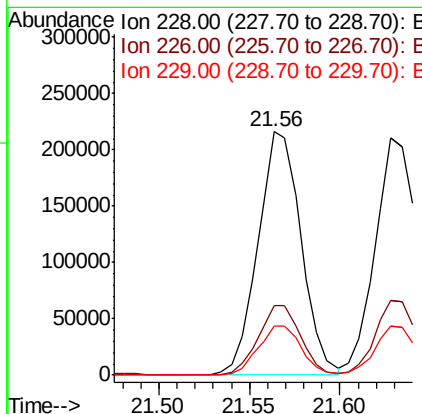
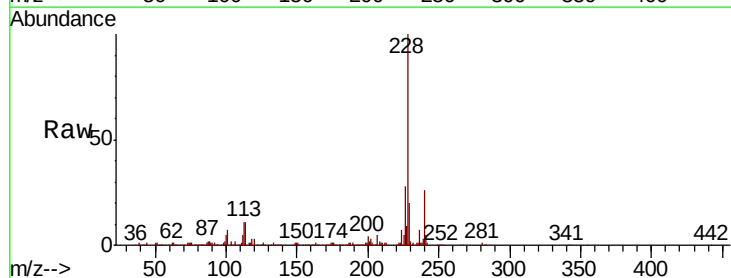
Instrument :
BNA_G
ClientSampleId :

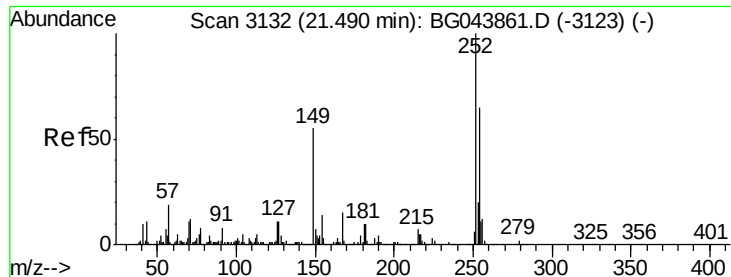
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.0	59.5	89.3
206	19.9	17.8	26.6



#81
Benzo(a)anthracene
Concen: 8.184 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	26.2	39.4
229	20.2	18.9	28.3

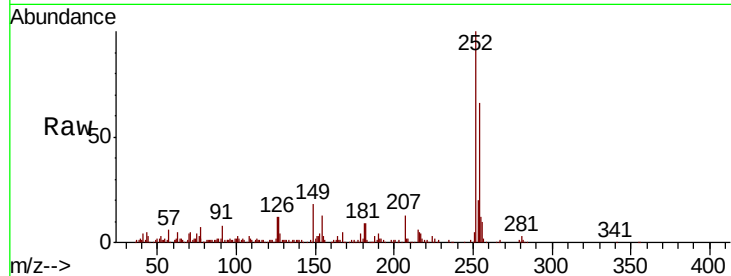




#82
 3,3'-Dichlorobenzidine
 Concen: 7.440 ng
 RT: 21.48 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG043877.D
 Acq: 2 Jan 2020 16:18

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.2	52.1	78.1
126	11.8	9.1	13.7

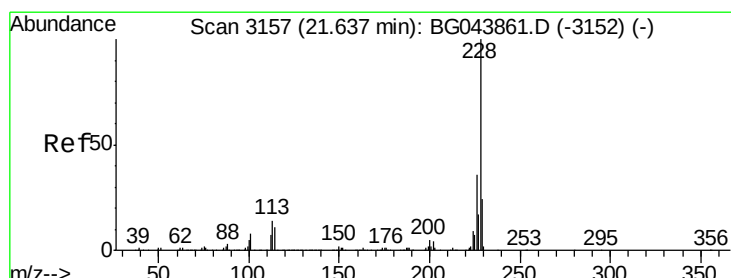
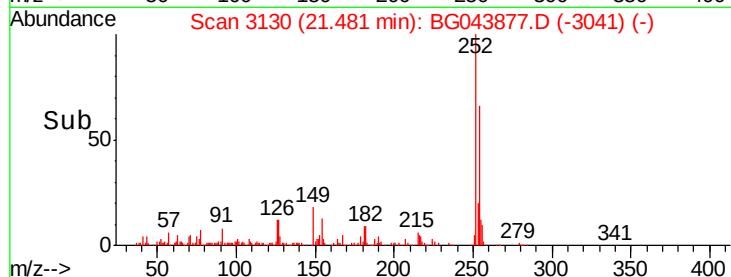
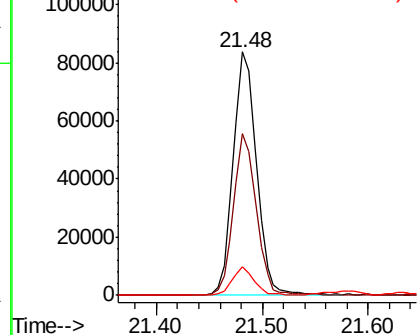


Abundance

Ion 252.00 (251.70 to 252.70): E

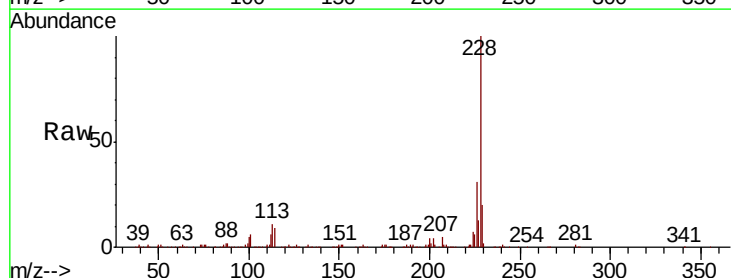
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 8.187 ng
 RT: 21.63 min Scan# 3155
 Delta R.T. -0.01 min
 Lab File: BG043877.D
 Acq: 2 Jan 2020 16:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	28.8	43.2
229	20.4	19.0	28.6

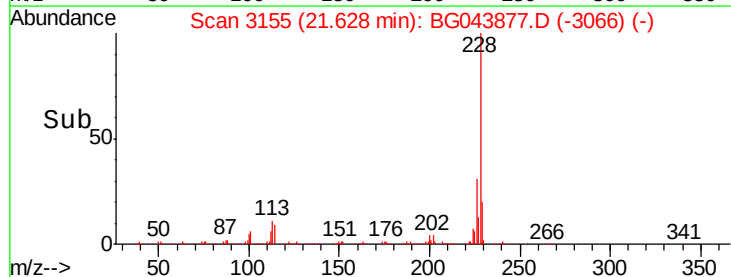
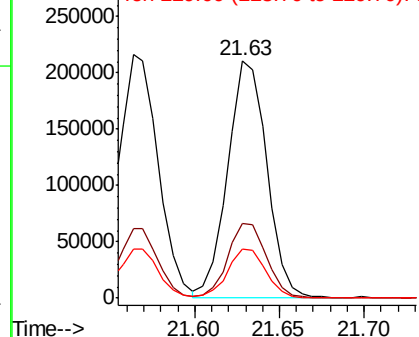


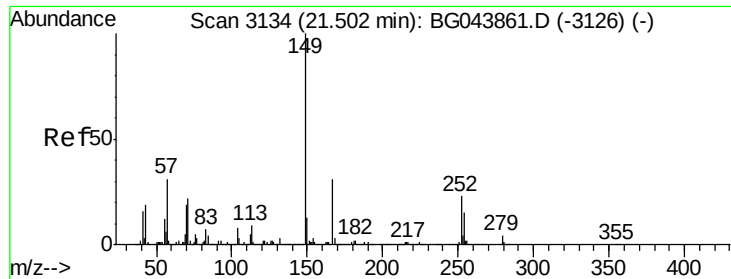
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.200 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

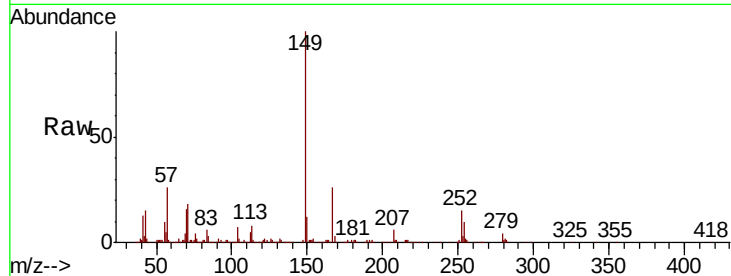
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 217252

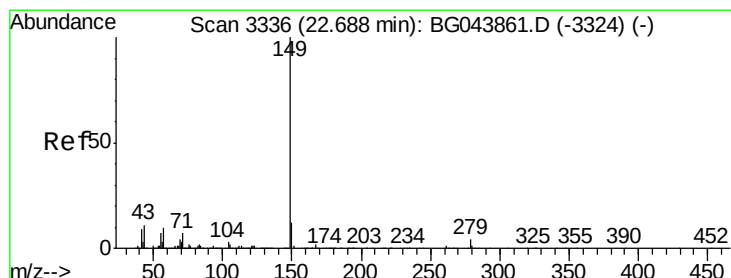
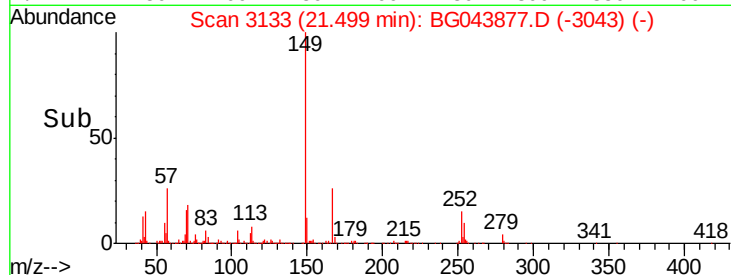
Ion	Ratio	Lower	Upper
149	100		
167	26.1	24.7	37.1
279	3.6	3.3	4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 6.878 ng

RT: 22.69 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

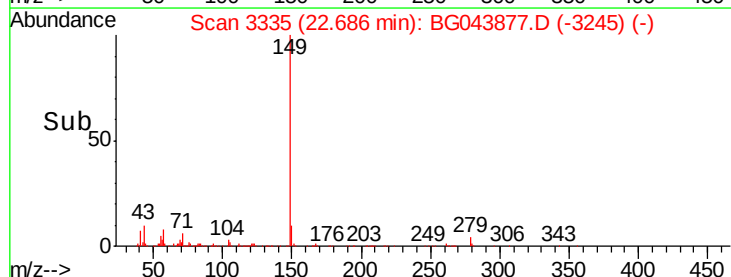
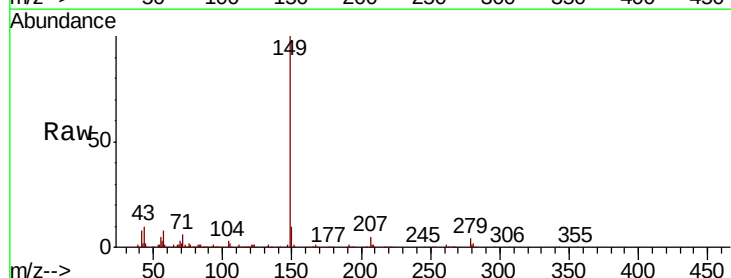
Tgt Ion:149 Resp: 348927

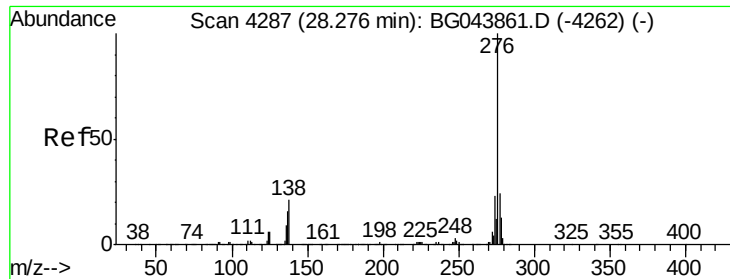
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.4	2.0
43	10.3	8.8	13.2

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 6.778 ng

RT: 28.25 min Scan# 4282

Delta R.T. -0.03 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Instrument :

BNA_G

ClientSampleId :

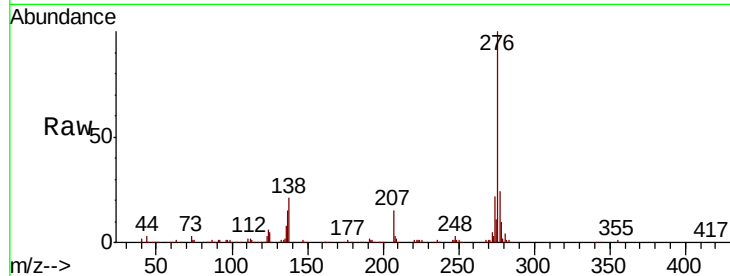
Tot Ion:276 Resp: 381911

Ion Ratio Lower Upper

276 100

138 26.2 21.0 31.4

277 25.9 21.1 31.7

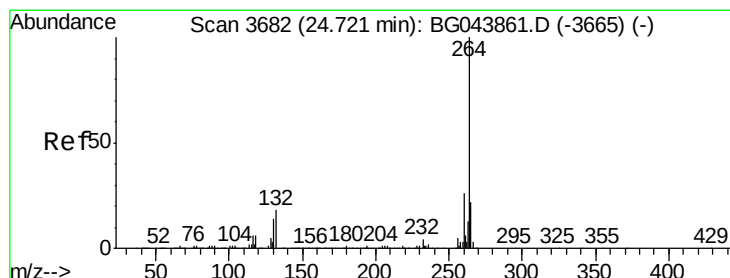
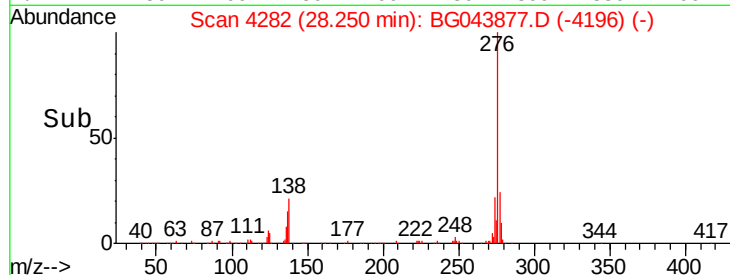
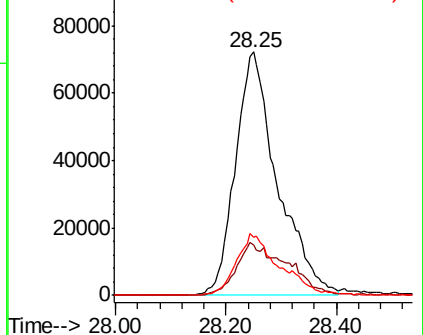


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

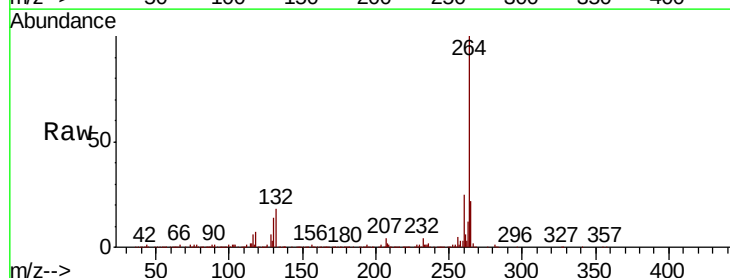
Tgt Ion:264 Resp: 778697

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

265 21.9 17.4 26.2

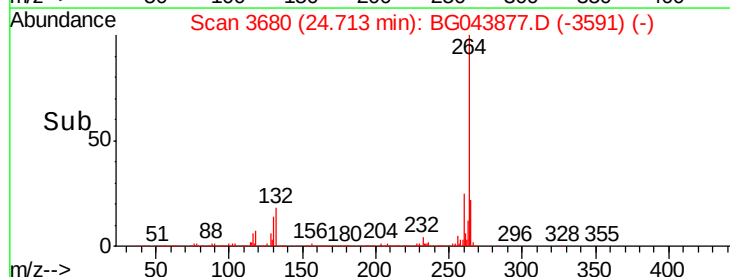
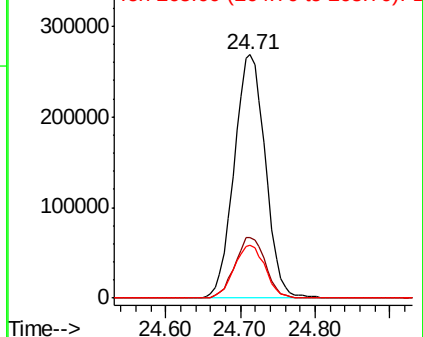


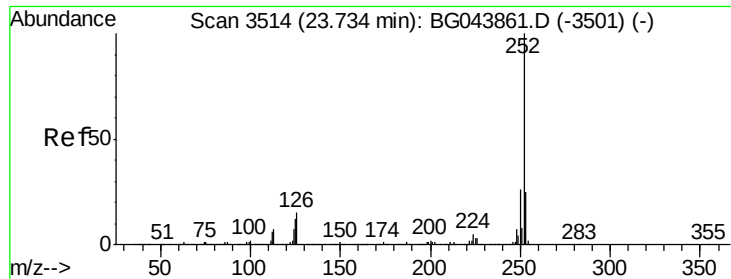
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

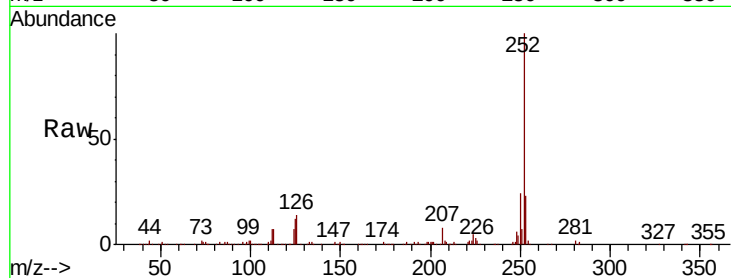




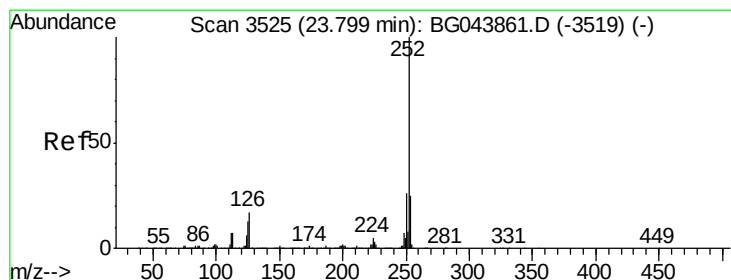
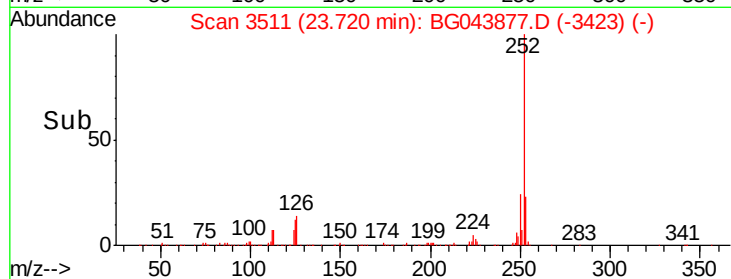
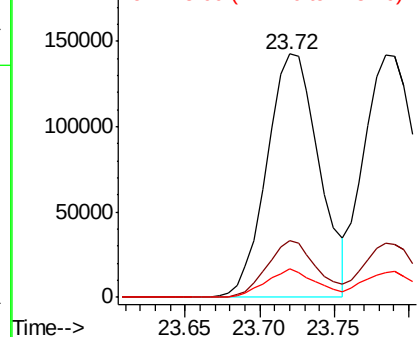
#88
Benzo(b)fluoranthene
Concen: 7.564 ng
RT: 23.72 min Scan# 3511
Delta R.T. -0.01 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.7	29.5
125	11.7	9.4	14.2

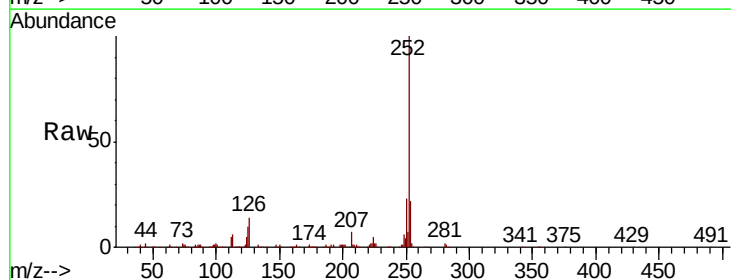


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

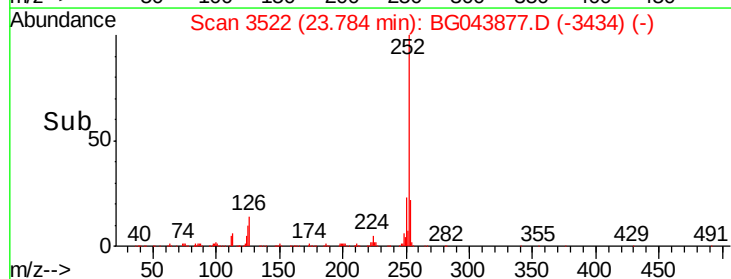
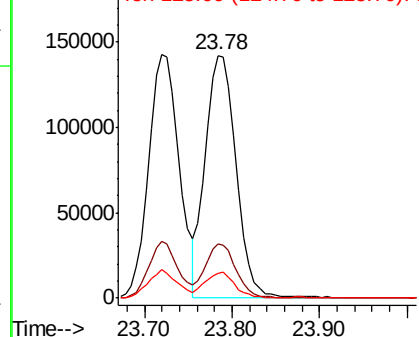


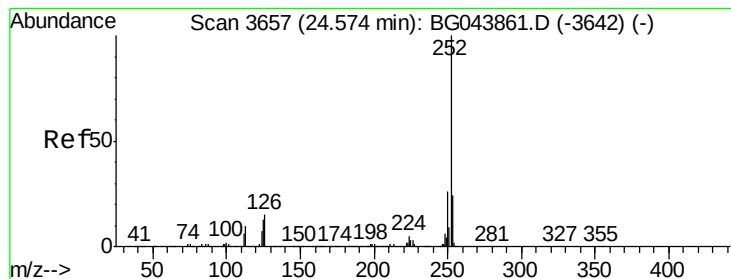
#89
Benzo(k)fluoranthene
Concen: 7.963 ng
RT: 23.78 min Scan# 3522
Delta R.T. -0.01 min
Lab File: BG043877.D
Acq: 2 Jan 2020 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.4	29.2
125	10.3	9.9	14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 7.260 ng

RT: 24.56 min Scan# 3654

Delta R.T. -0.01 min

Lab File: BG043877.D

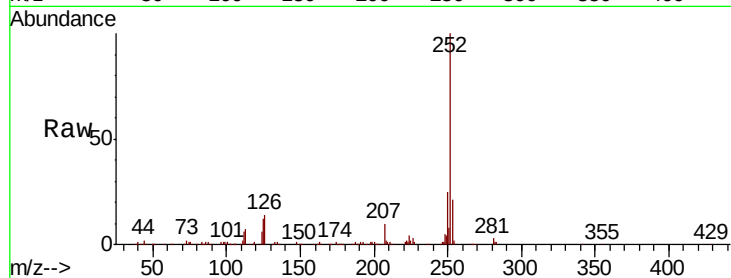
Acq: 2 Jan 2020 16:18

Instrument :

BNA_G

ClientSampled :

Tot Ion:	252	Resp:	315457
Ion	Ratio	Lower	Upper
252	100		
253	21.2	19.3	28.9
125	12.1	10.4	15.6

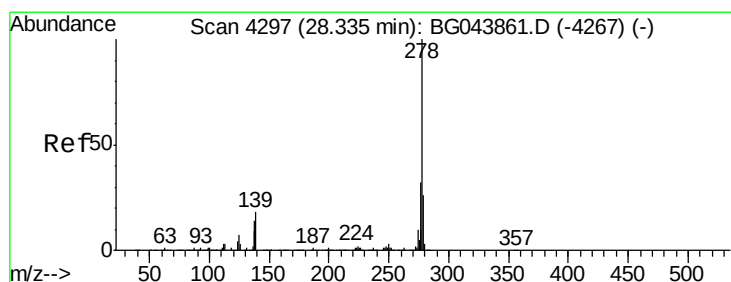
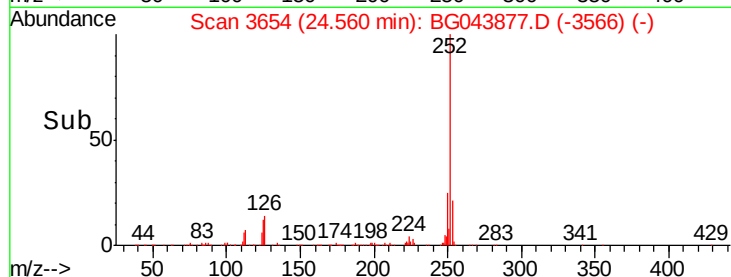
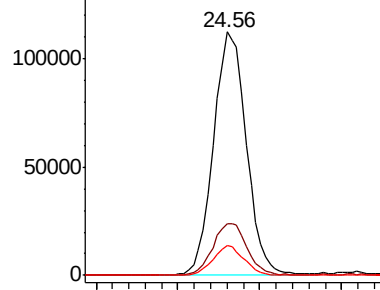


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 7.364 ng

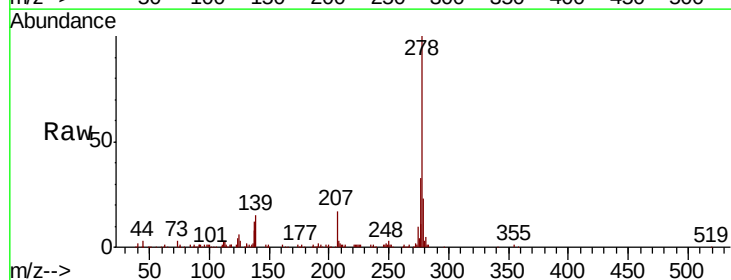
RT: 28.32 min Scan# 4294

Delta R.T. -0.01 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Tgt Ion:	278	Resp:	321318
Ion	Ratio	Lower	Upper
278	100		
139	14.6	14.2	21.4
279	23.5	20.6	30.8

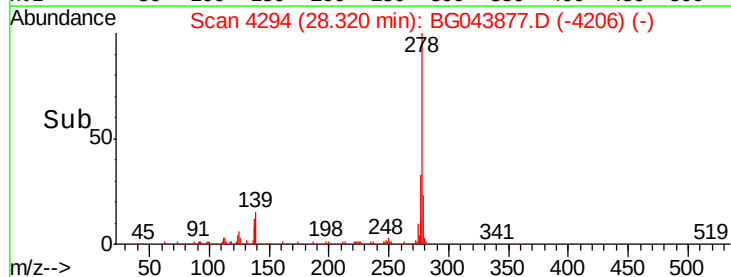
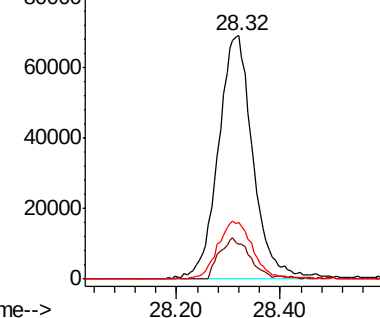


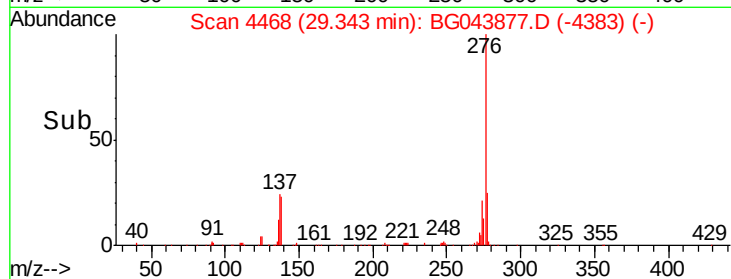
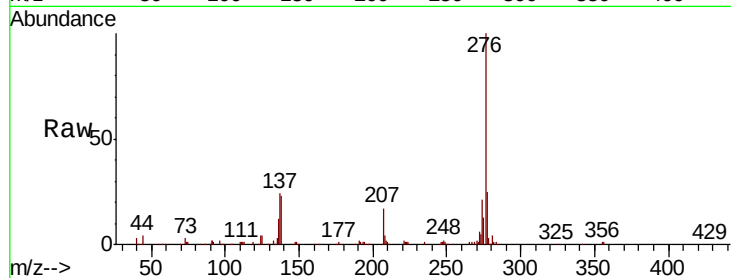
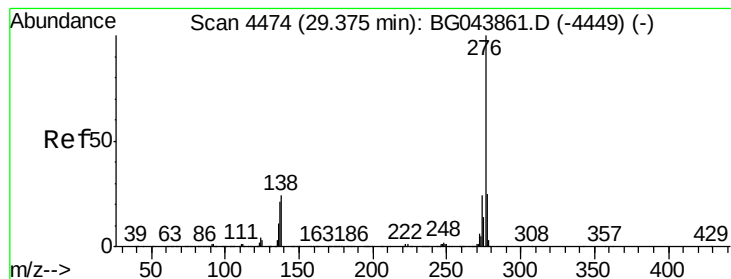
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 7.343 ng

RT: 29.34 min Scan# 4468

Delta R.T. -0.03 min

Lab File: BG043877.D

Acq: 2 Jan 2020 16:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 318265

Ion Ratio Lower Upper

276 100

277 24.9 20.2 30.4

138 22.8 19.0 28.6

