

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
 Data File : BG043875.D
 Acq On : 2 Jan 2020 15:00
 Operator : JU
 Sample : K5111-02
 Misc : L00-SOIL 10PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 02 16:27:25 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	124844	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	557767	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	367765	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	795059	20.00	ng	0.00
76) Chrysene-d12	21.58	240	692992	20.00	ng	0.00
87) Perylene-d12	24.72	264	766597	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	970720	142.77	ng	0.00
7) Phenol-d6	7.12	99	1338700	140.85	ng	0.00
23) Nitrobenzene-d5	9.12	82	1009547	96.83	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	564825	146.76	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2119701	104.43	ng	0.00
79) Terphenyl-d14	19.95	244	2813736	98.02	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.44	88	34286	11.565	ng	92
3) Pyridine	3.83	79	87218	9.959	ng	97
4) n-Nitrosodimethylamine	3.75	42	39873	10.226	ng	# 99
6) Aniline	7.28	93	137336	11.001	ng	96
8) 2-Chlorophenol	7.52	128	84777	10.621	ng	95
9) Benzaldehyde	7.09	77	82645	13.586	ng	96
10) Phenol	7.15	94	104715	10.694	ng	96
11) bis(2-Chloroethyl)ether	7.38	93	92275	10.917	ng	96
12) 1,3-Dichlorobenzene	7.85	146	98339	10.528	ng	100
13) 1,4-Dichlorobenzene	8.00	146	102116	11.080	ng	96
14) 1,2-Dichlorobenzene	8.32	146	94728	10.708	ng	96
15) Benzyl Alcohol	8.19	79	75460	10.060	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	134112	10.255	ng	98
17) 2-Methylphenol	8.40	107	74347	10.492	ng	92
18) Hexachloroethane	9.05	117	36703	10.234	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	74823	10.571	ng	97
20) 3+4-Methylphenols	8.72	107	102190	10.337	ng	97
22) Acetophenone	8.78	105	144752	10.439	ng	# 94
24) Nitrobenzene	9.16	77	107178	10.379	ng	98
25) Isophorone	9.68	82	204989	10.480	ng	97
26) 2-Nitrophenol	9.87	139	42563	8.712	ng	93
27) 2,4-Dimethylphenol	9.93	122	73398	9.980	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	131575	10.089	ng	96
29) 2,4-Dichlorophenol	10.41	162	82164	9.366	ng	96
30) 1,2,4-Trichlorobenzene	10.63	180	98918	10.057	ng	98
31) Naphthalene	10.81	128	297420	11.019	ng	98
32) Benzoic acid	10.00	122	19760	3.600	ng	92
33) 4-Chloroaniline	10.91	127	127081	9.871	ng	99
34) Hexachlorobutadiene	11.11	225	57609	9.593	ng	100
35) Caprolactam	11.65	113	31480	9.640	ng	89
36) 4-Chloro-3-methylphenol	12.04	107	94968	10.169	ng	96
37) 2-Methylnaphthalene	12.42	142	227444	11.193	ng	97
38) 1-Methylnaphthalene	12.64	142	215380	11.183	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	109516	10.160	ng	99

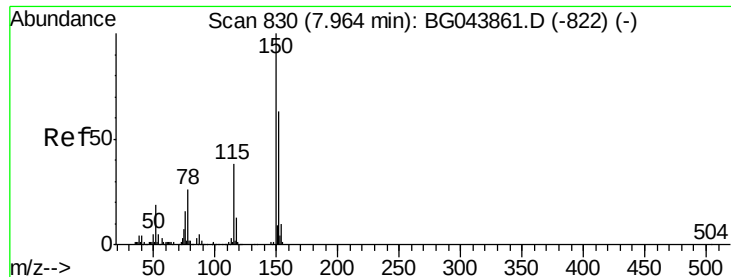
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
 Data File : BG043875.D
 Acq On : 2 Jan 2020 15:00
 Operator : JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 16:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	55316	9.898	ng	96
43) 2,4,6-Trichlorophenol	13.02	196	67975	9.165	ng	97
44) 2,4,5-Trichlorophenol	13.09	196	76191	9.960	ng	99
46) 1,1'-Biphenyl	13.43	154	295986	11.225	ng	96
47) 2-Chloronaphthalene	13.47	162	221662	10.403	ng	96
48) 2-Nitroaniline	13.66	65	59510	8.683	ng	93
49) Acenaphthylene	14.31	152	364121	11.890	ng	95
50) Dimethylphthalate	14.05	163	294916	11.294	ng	96
51) 2,6-Dinitrotoluene	14.16	165	61084	10.350	ng	98
52) Acenaphthene	14.66	154	222129	10.343	ng	99
53) 3-Nitroaniline	14.49	138	63839	9.525	ng	89
54) 2,4-Dinitrophenol	14.69	184	14568	5.475	ng	97
55) Dibenzofuran	14.99	168	356703	12.065	ng	94
56) 4-Nitrophenol	14.79	139	48562	9.455	ng	93
57) 2,4-Dinitrotoluene	14.94	165	80424	10.014	ng	95
58) Fluorene	15.64	166	275966	11.777	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	70233	10.677	ng	98
60) Diethylphthalate	15.41	149	301842	11.557	ng	93
61) 4-Chlorophenyl-phenylether	15.64	204	141330	11.107	ng	95
62) 4-Nitroaniline	15.64	138	65798	9.941	ng	97
63) Azobenzene	15.93	77	284017	11.726	ng	96
65) 4,6-Dinitro-2-methylphenol	15.71	198	29150	7.539	ng	96
66) n-Nitrosodiphenylamine	15.84	169	251820	10.755	ng	96
67) 4-Bromophenyl-phenylether	16.53	248	88981	9.951	ng	98
68) Hexachlorobenzene	16.65	284	95120	9.872	ng	97
69) Atrazine	16.80	200	77575	10.193	ng	97
70) Pentachlorophenol	16.99	266	36839	6.936	ng	95
71) Phenanthrene	17.38	178	447962	11.747	ng	94
72) Anthracene	17.47	178	450403	11.951	ng	94
73) Carbazole	17.73	167	405696	11.653	ng	94
74) Di-n-butylphthalate	18.31	149	499617	11.240	ng	# 95
75) Fluoranthene	19.39	202	516956	11.853	ng	93
77) Benzidine	19.56	184	189293	10.867	ng	99
78) Pyrene	19.74	202	533806	11.801	ng	93
80) Butylbenzylphthalate	20.64	149	203754	9.461	ng	95
81) Benzo(a)anthracene	21.57	228	489055	11.381	ng	93
82) 3,3'-Dichlorobenzidine	21.48	252	175700	10.350	ng	98
83) Chrysene	21.63	228	462717	11.333	ng	92
84) Bis(2-ethylhexyl)phthalate	21.50	149	307437	10.346	ng	94
85) Di-n-octyl phthalate	22.69	149	502476	10.058	ng	97
86) Indeno(1,2,3-cd)pyrene	28.25	276	536150	9.662	ng	# 89
88) Benzo(b)fluoranthene	23.73	252	484261	10.686	ng	96
89) Benzo(k)fluoranthene	23.79	252	486446	11.288	ng	96
90) Benzo(a)pyrene	24.56	252	441239	10.316	ng	95
91) Dibenzo(a,h)anthracene	28.32	278	455070	10.594	ng	96
92) Benzo(g,h,i)perylene	29.35	276	444048	10.407	ng	96

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

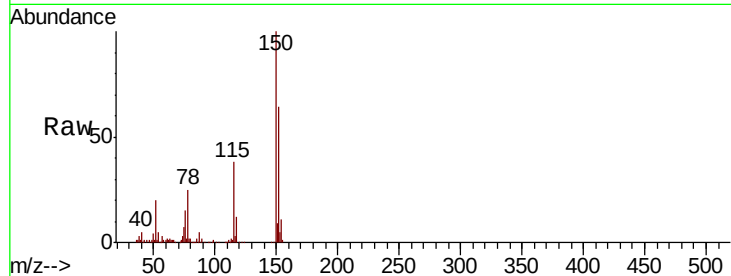


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.0	190.4
115	58.7	47.8	71.8

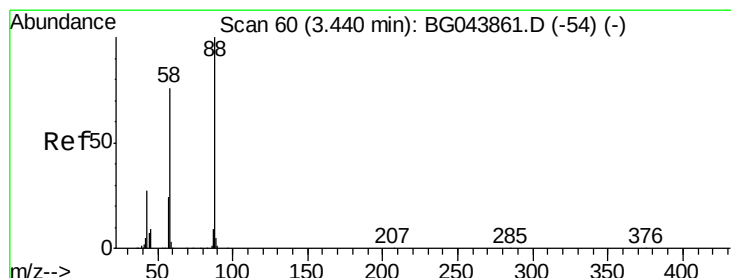
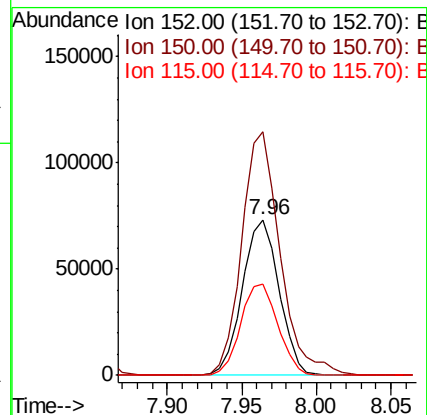
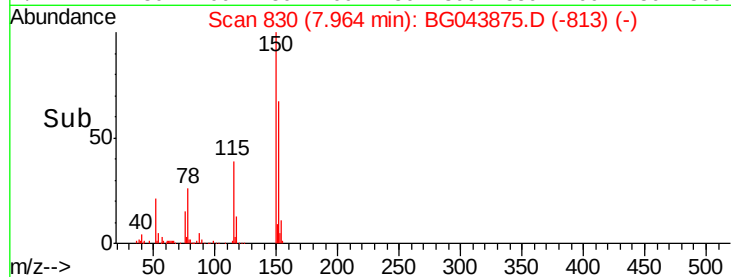


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

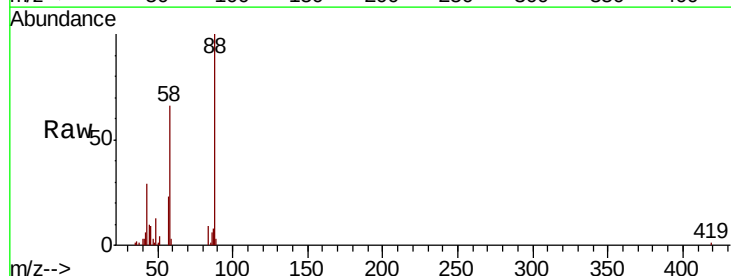
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 11.565 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.00 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.1	59.8	89.8
43	29.7	22.9	34.3

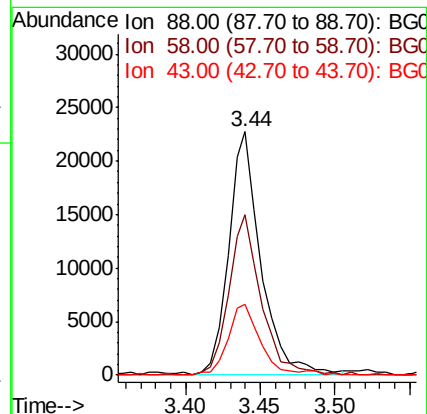
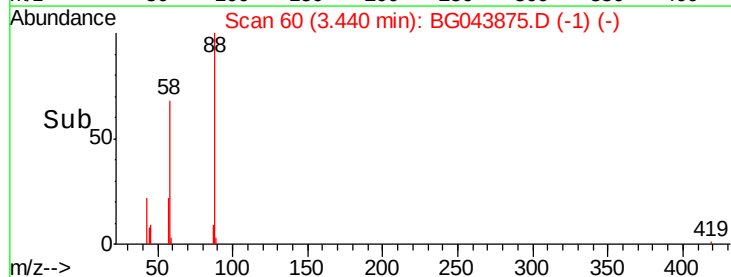


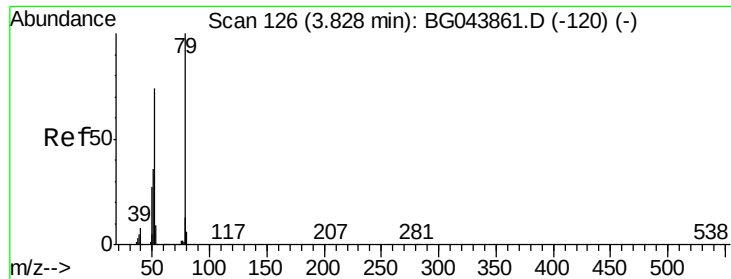
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 9.959 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

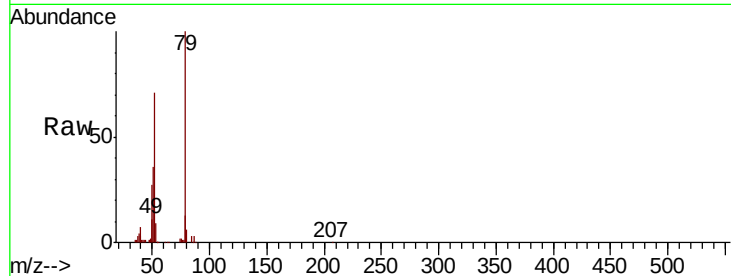
Tot Ion: 79 Resp: 87218

Ion Ratio Lower Upper

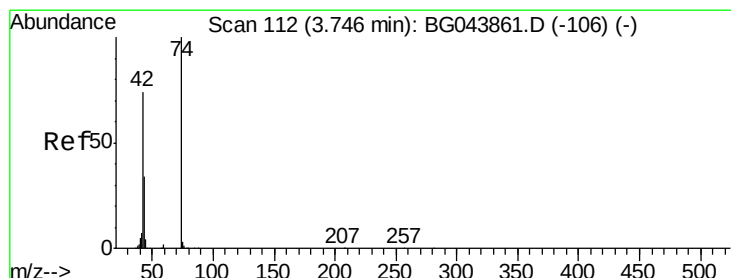
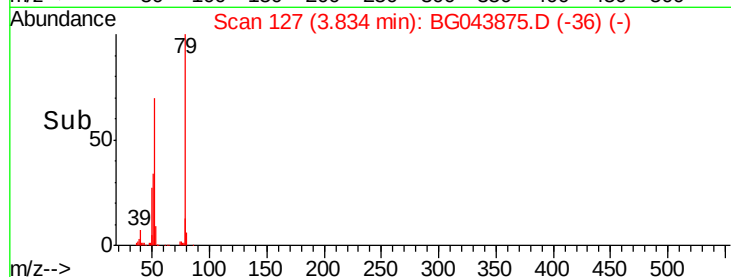
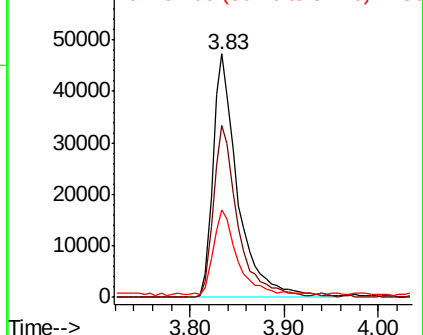
79 100

52 70.5 58.9 88.3

51 36.1 28.6 43.0



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



#4

n-Nitrosodimethylamine

Concen: 10.226 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

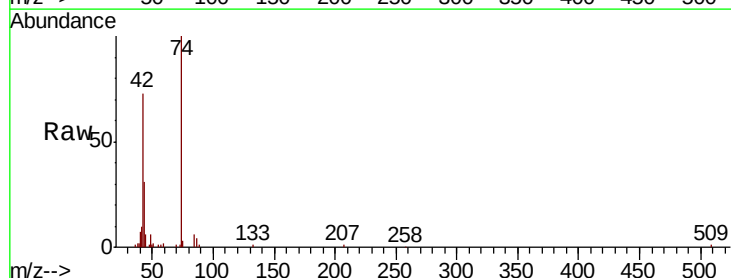
Tgt Ion: 42 Resp: 39873

Ion Ratio Lower Upper

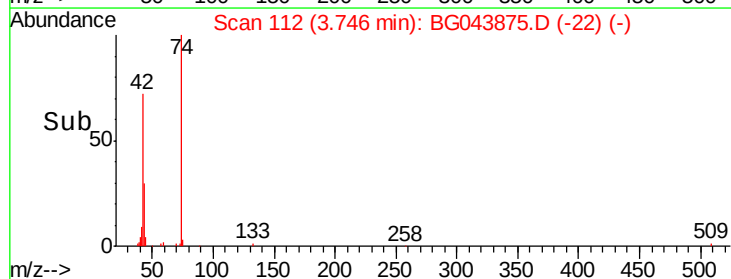
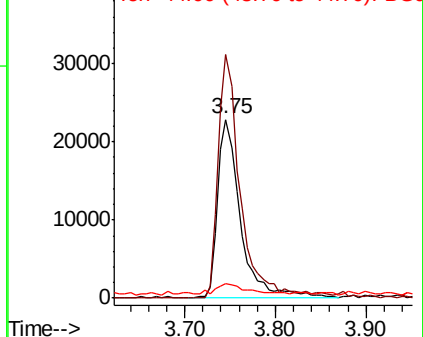
42 100

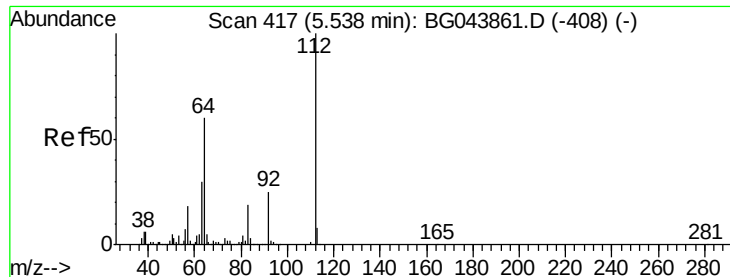
74 136.4 108.6 162.8

44 7.8 5.0 7.6#



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





#5

2-Fluorophenol

Concen: 142.767 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

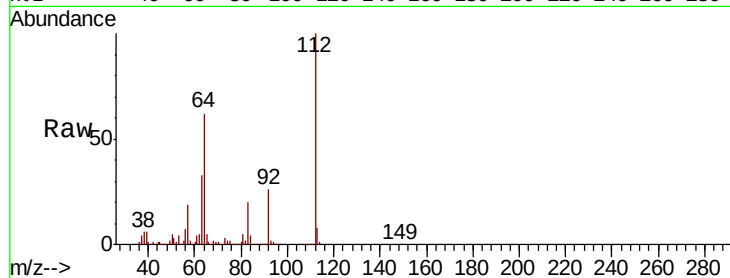
Tot Ion:112 Resp: 970720

Ion Ratio Lower Upper

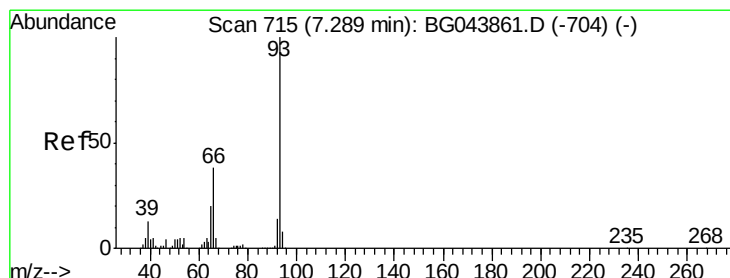
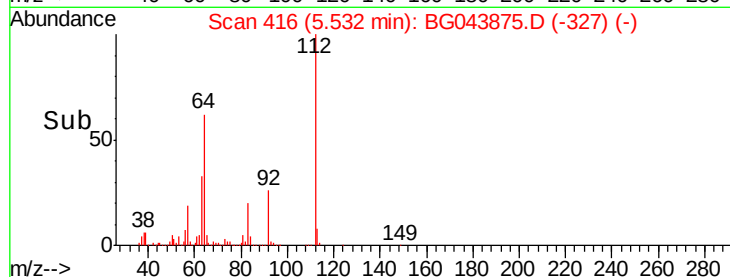
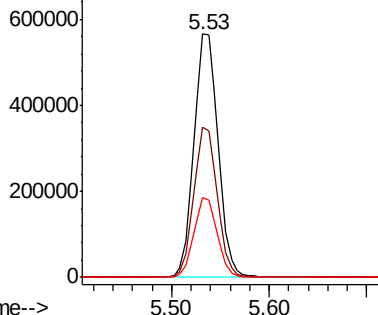
112 100

64 61.8 47.8 71.6

63 32.7 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: 11.001 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

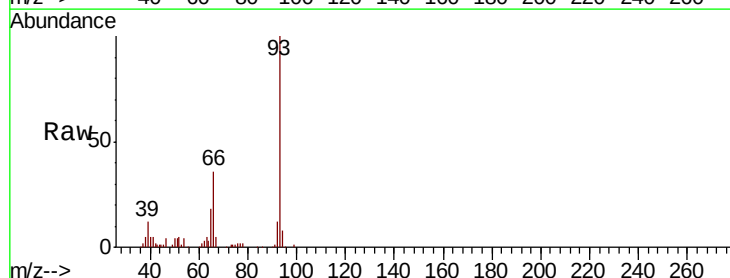
Tgt Ion: 93 Resp: 137336

Ion Ratio Lower Upper

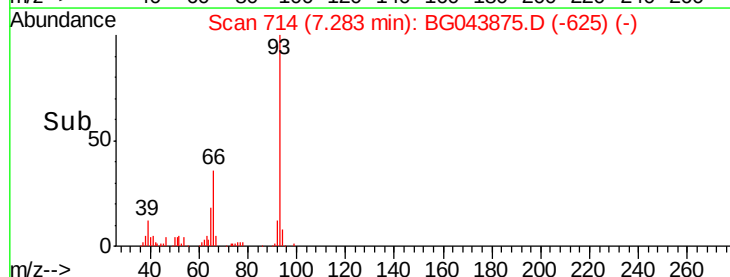
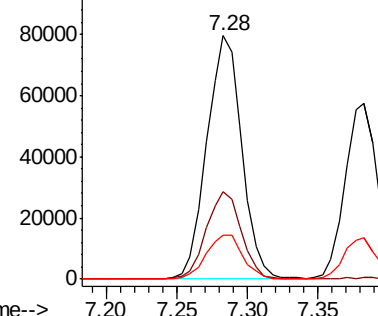
93 100

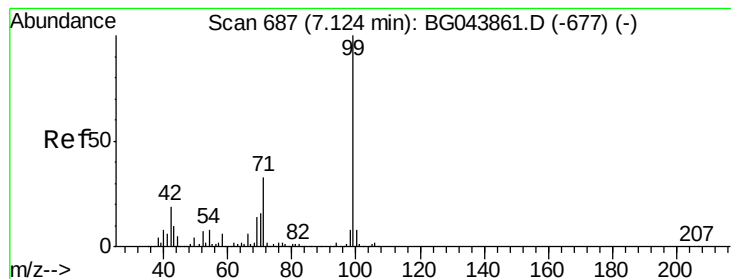
66 36.0 30.8 46.2

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: 140.853 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

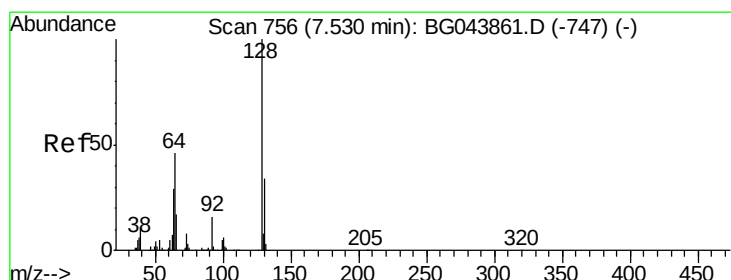
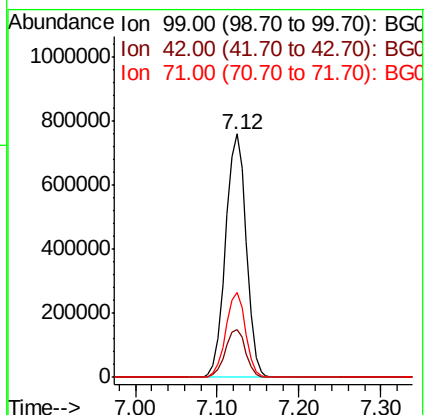
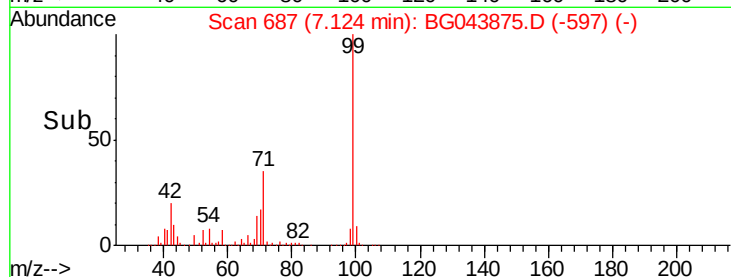
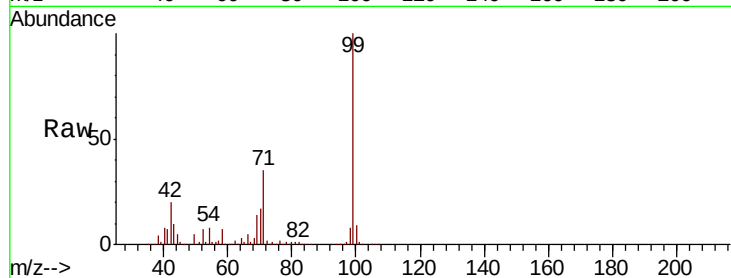
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1338700

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.9	22.3
71	34.8	26.4	39.6



#8

2-Chlorophenol

Concen: 10.621 ng

RT: 7.52 min Scan# 755

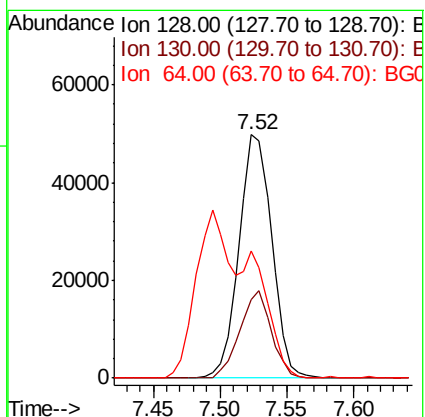
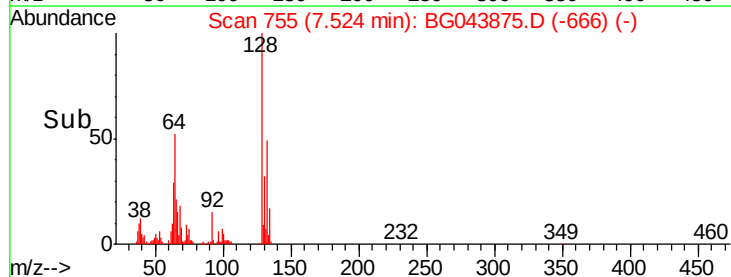
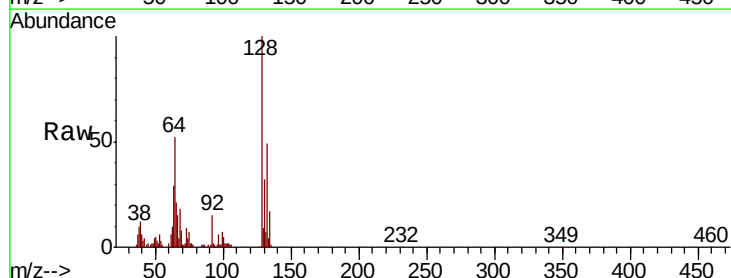
Delta R.T. -0.01 min

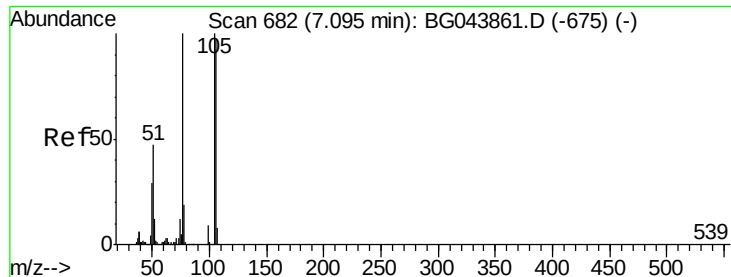
Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

Tgt Ion: 128 Resp: 84777

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.8	53.8
64	52.1	27.6	67.6





#9

Benzaldehyde

Concen: 13.586 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

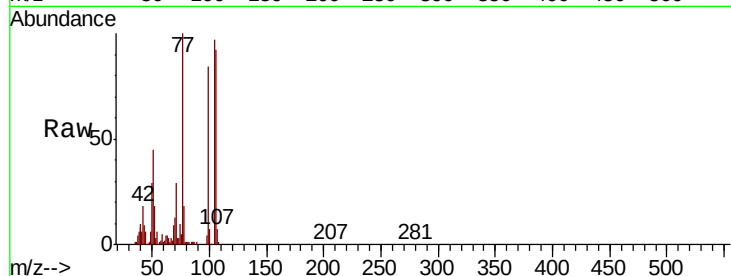
Tot Ion: 77 Resp: 82645

Ion Ratio Lower Upper

77 100

105 97.1 80.2 120.2

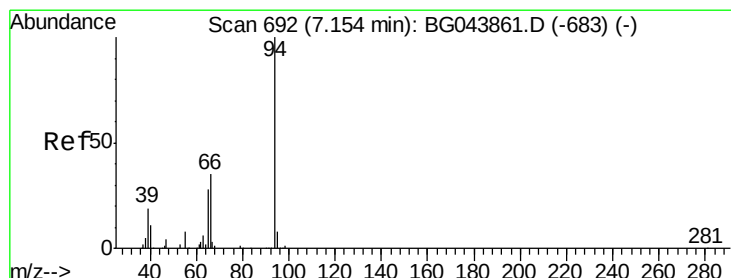
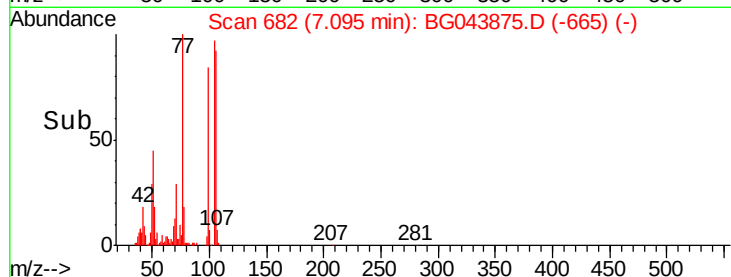
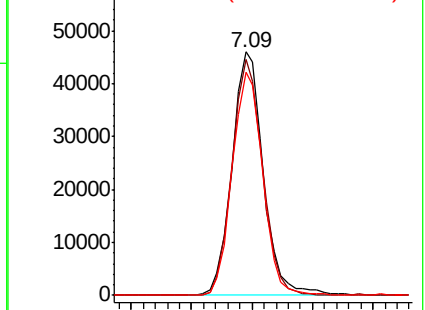
106 91.7 77.2 117.2



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: 10.694 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

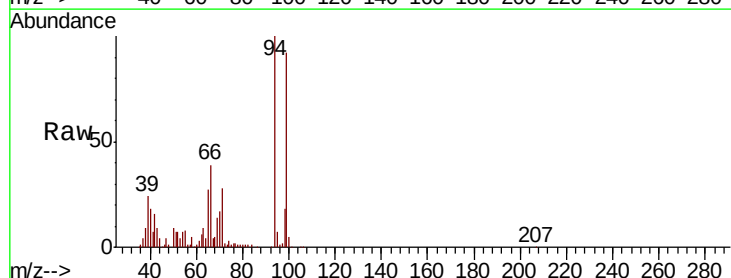
Tgt Ion: 94 Resp: 104715

Ion Ratio Lower Upper

94 100

65 27.0 8.1 48.1

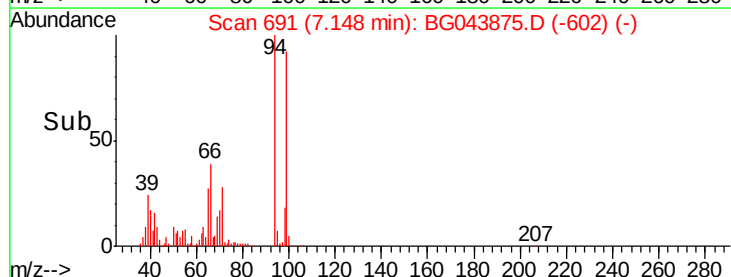
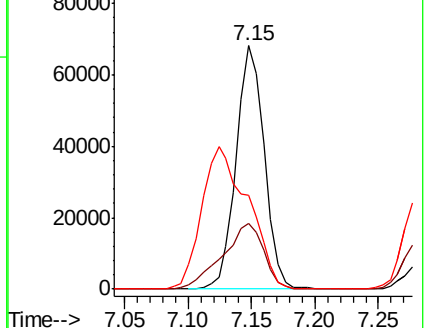
66 38.6 15.6 55.6

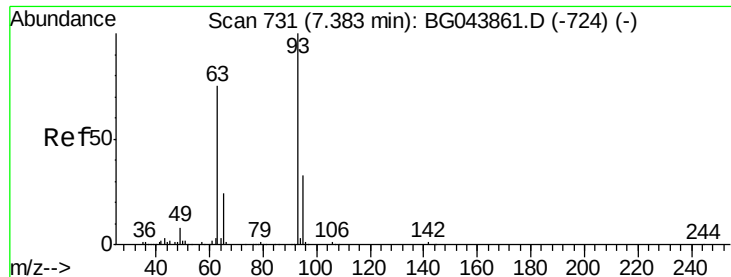


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

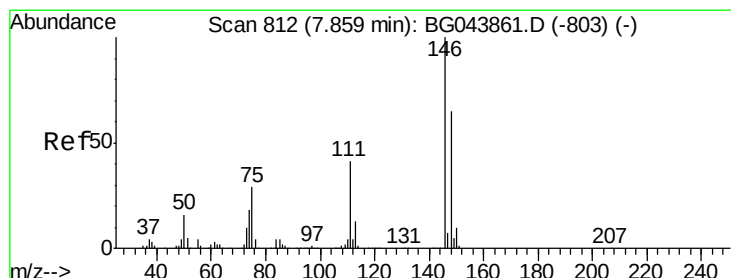
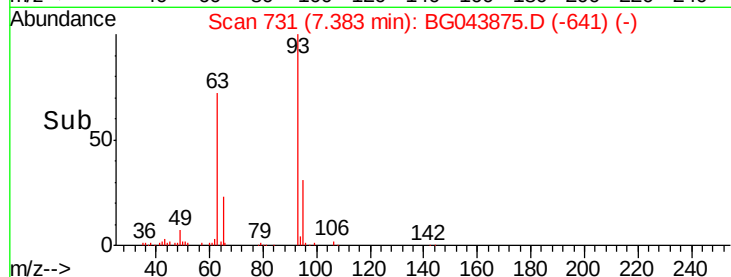
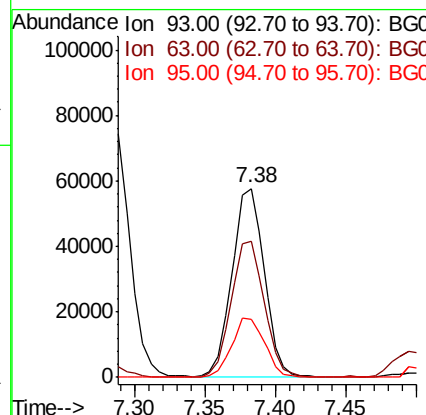
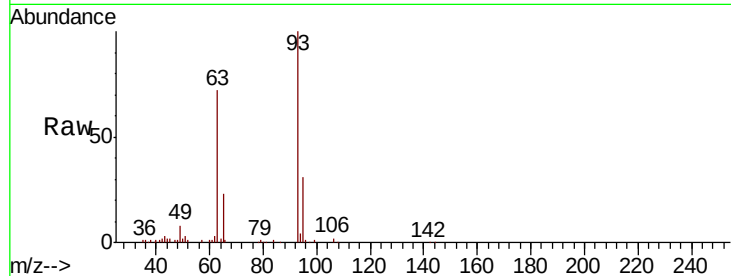




#11
bis(2-Chloroethyl)ether
Concen: 10.917 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

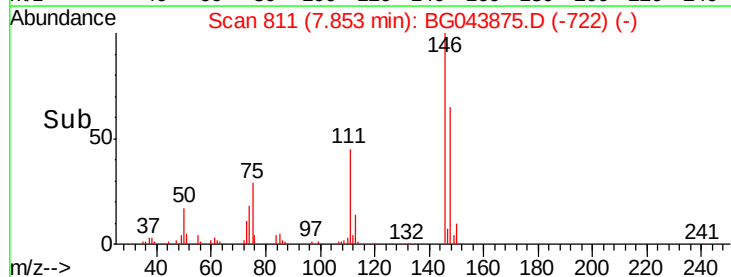
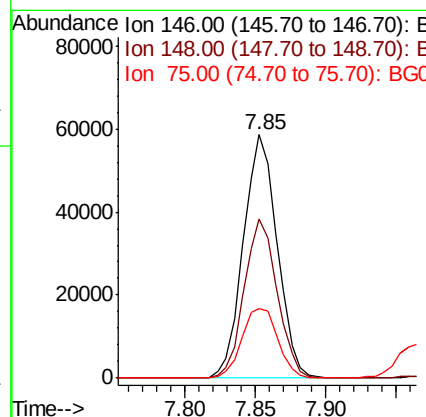
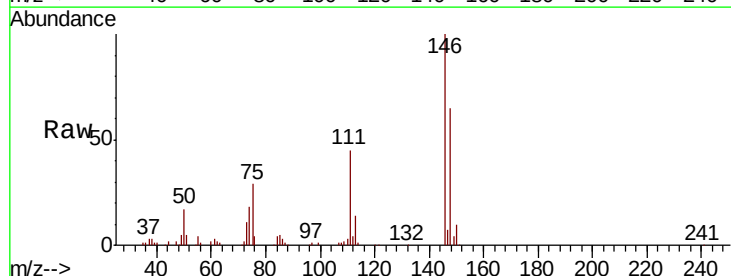
Instrument :
BNA_G
ClientSampled :

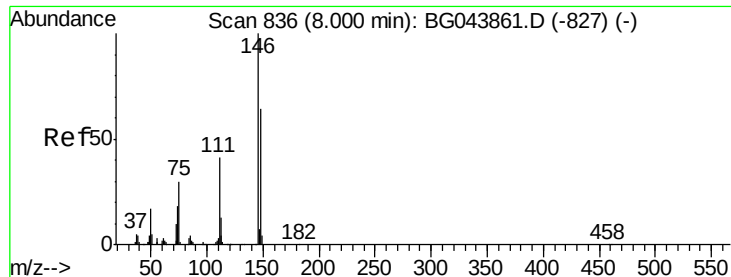
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.9	55.0	95.0
95	31.0	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 10.528 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.1	78.1
75	28.6	23.0	34.4

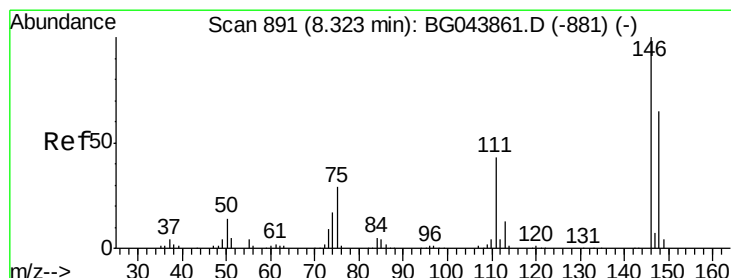
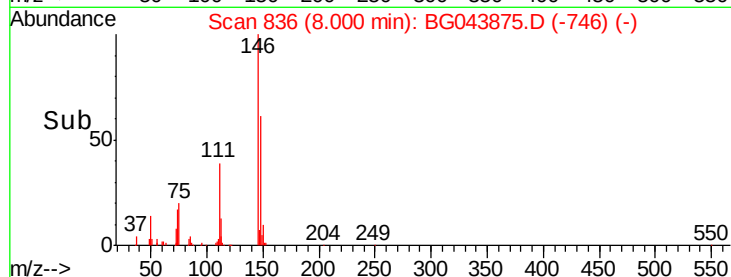
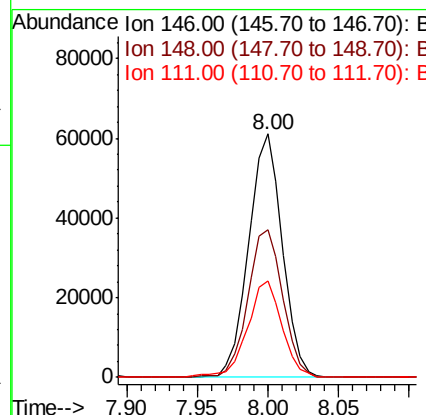
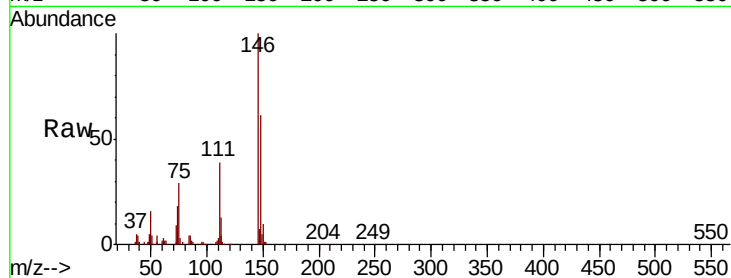




#13
 1,4-Dichlorobenzene
 Concen: 11.080 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG043875.D
 Acq: 2 Jan 2020 15:00

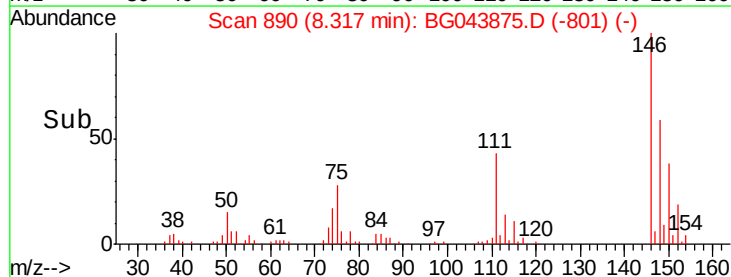
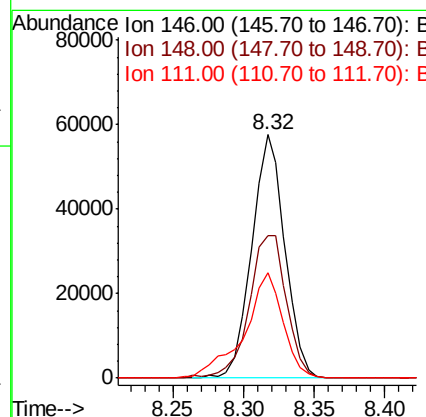
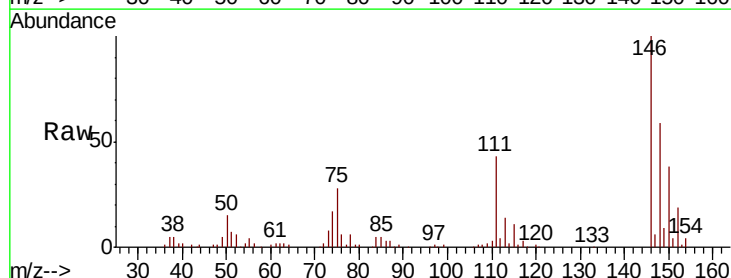
Instrument :
 BNA_G
 ClientSampleId :

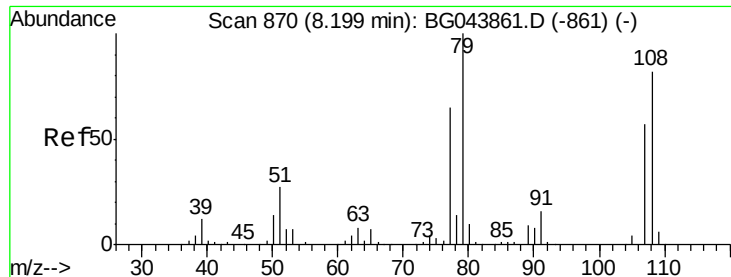
Tot Ion:146 Resp: 102116
 Ion Ratio Lower Upper
 146 100
 148 60.8 51.2 76.8
 111 39.3 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 10.708 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BG043875.D
 Acq: 2 Jan 2020 15:00

Tgt Ion:146 Resp: 94728
 Ion Ratio Lower Upper
 146 100
 148 58.8 51.7 77.5
 111 43.0 34.4 51.6





#15

Benzyl Alcohol

Concen: 10.060 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

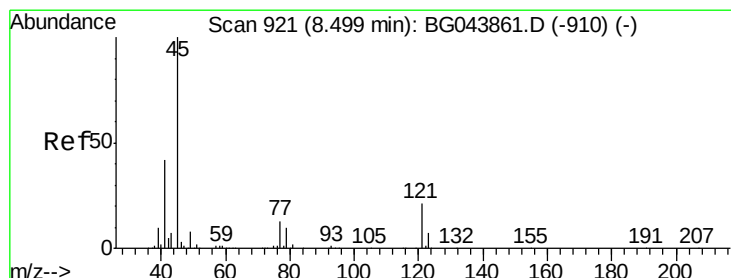
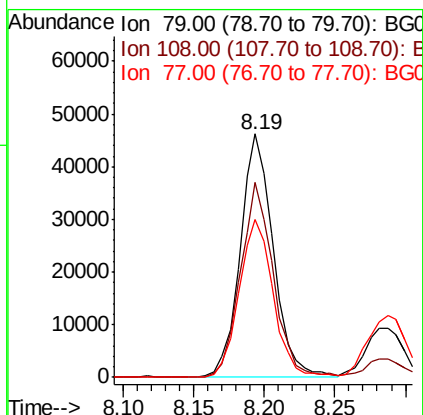
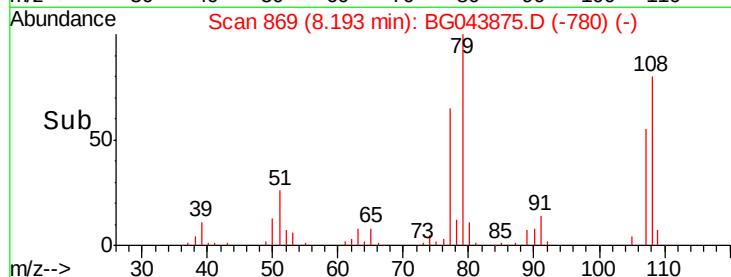
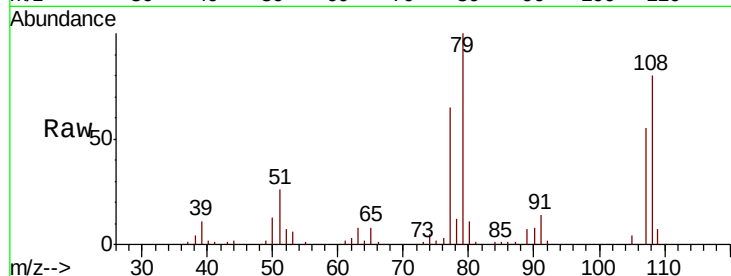
Tot Ion: 79 Resp: 75460

Ion Ratio Lower Upper

79 100

108 80.3 65.6 98.4

77 64.9 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.255 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

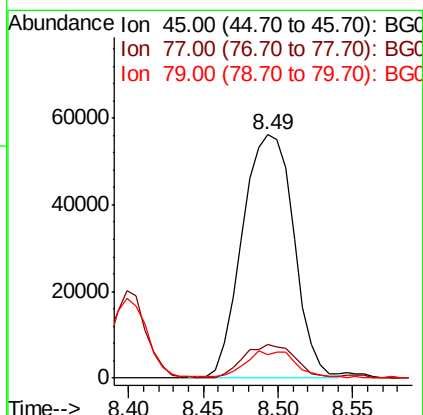
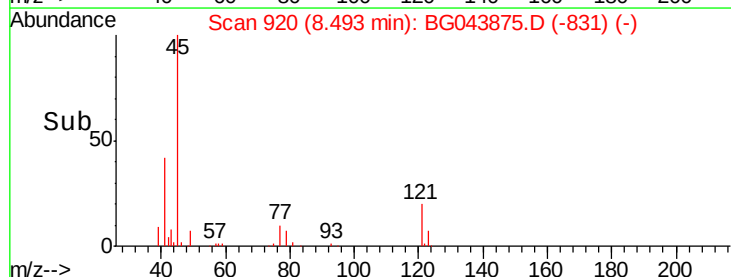
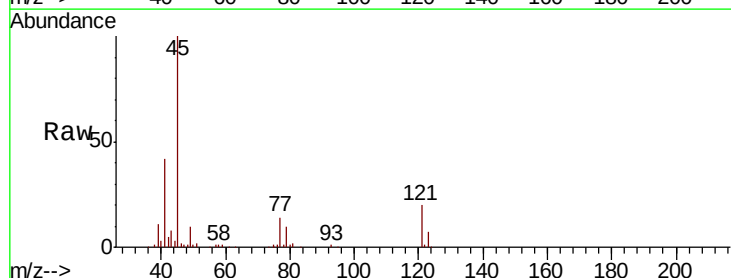
Tgt Ion: 45 Resp: 134112

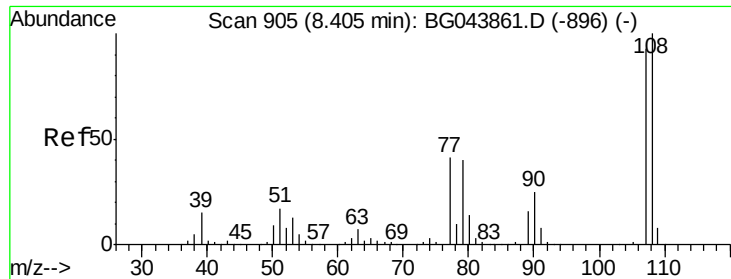
Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.8

79 9.6 0.0 31.0

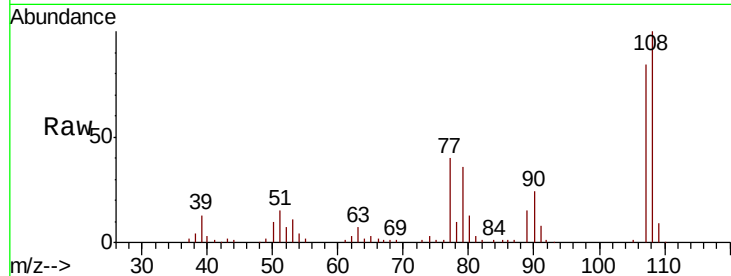




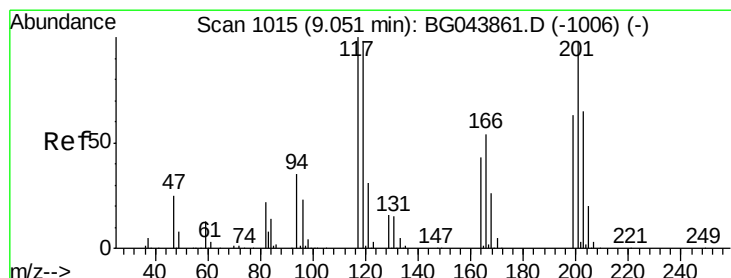
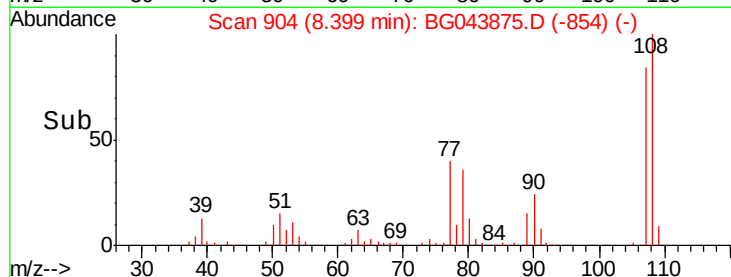
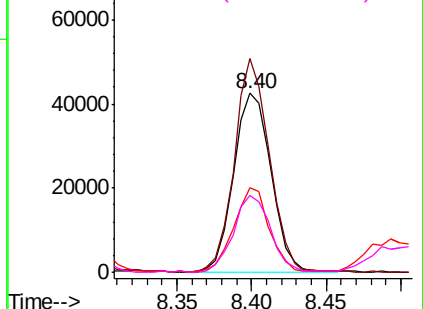
#17
2-Methylphenol
Concen: 10.492 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 74347
Ion Ratio Lower Upper
107 100
108 119.6 86.1 129.1
77 47.5 35.4 53.0
79 43.1 34.8 52.2

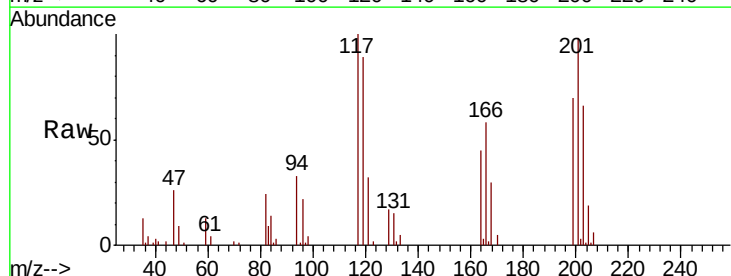


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

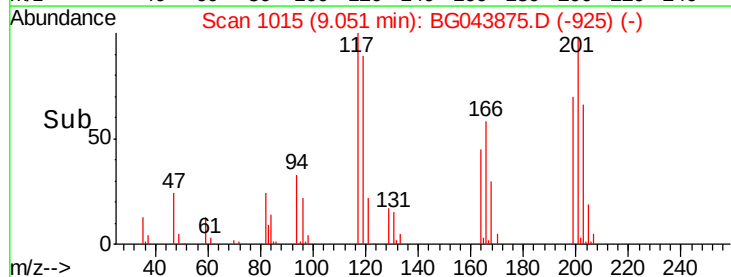
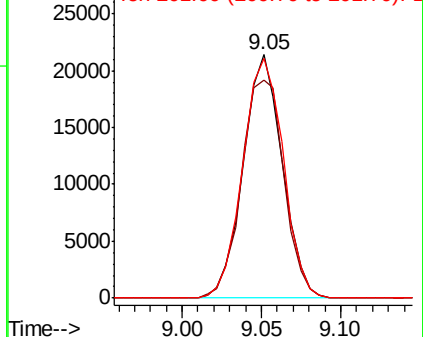


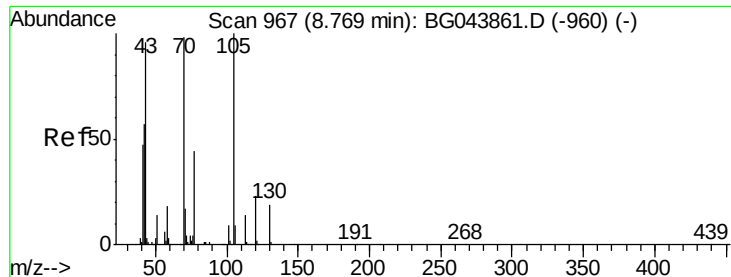
#18
Hexachloroethane
Concen: 10.234 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Tgt Ion:117 Resp: 36703
Ion Ratio Lower Upper
117 100
119 89.5 78.1 117.1
201 98.4 78.6 117.8



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

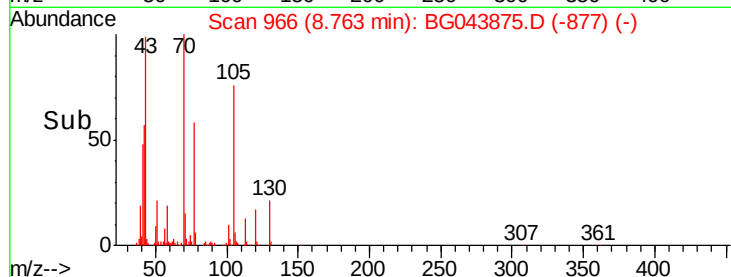
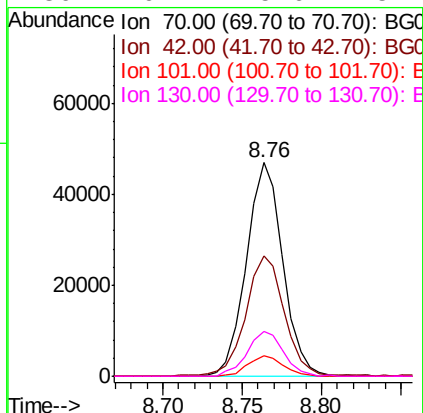
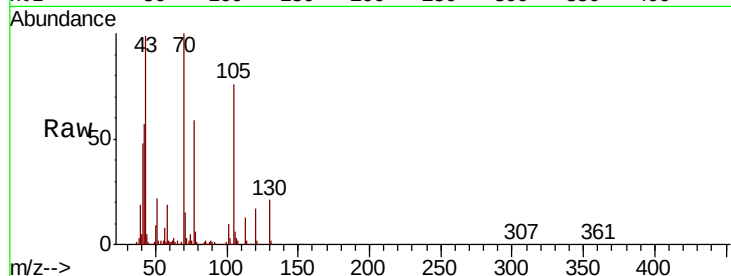




#19
n-Nitroso-di-n-propylamine
Concen: 10.571 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

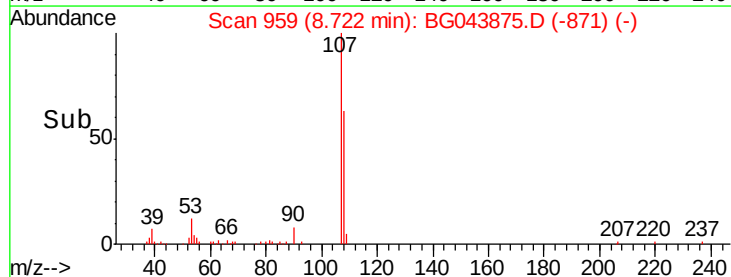
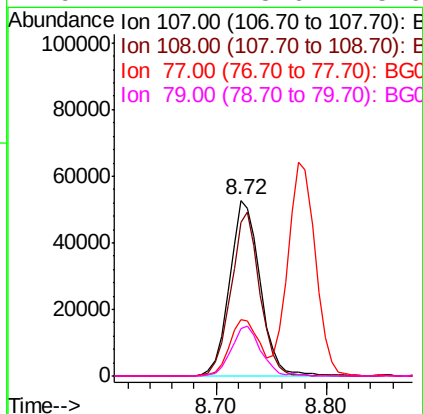
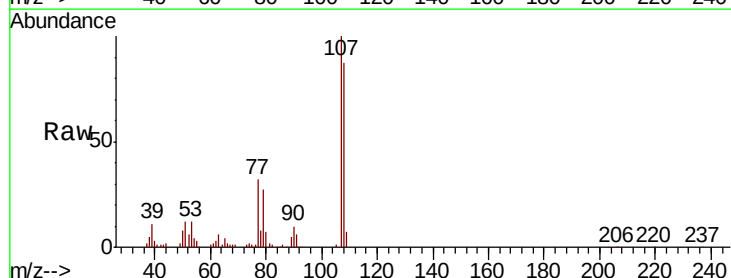
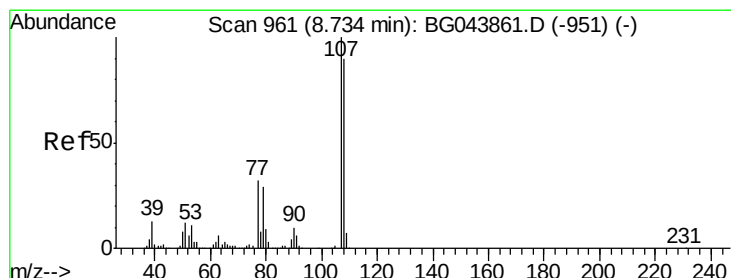
Instrument :
BNA_G
ClientSampleId :

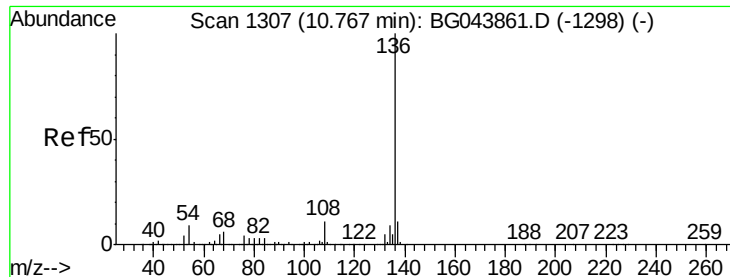
Tot Ion:	70	Resp:	74823
Ion	Ratio	Lower	Upper
70	100		
42	56.6	47.0	70.4
101	9.8	7.2	10.8
130	20.7	15.6	23.4



#20
3+4-Methylphenols
Concen: 10.337 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Tgt Ion:	107	Resp:	102190
Ion	Ratio	Lower	Upper
107	100		
108	87.1	70.3	110.3
77	31.7	12.4	52.4
79	27.1	8.6	48.6

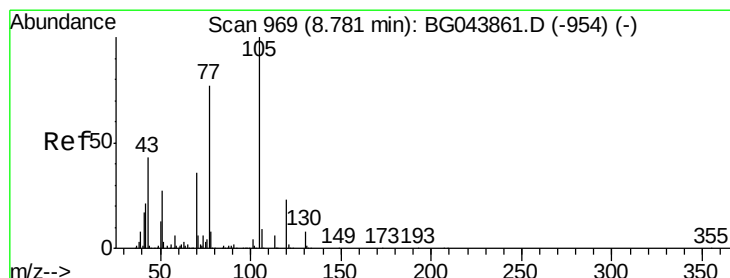
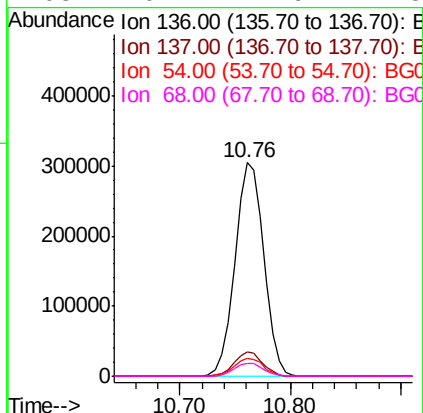
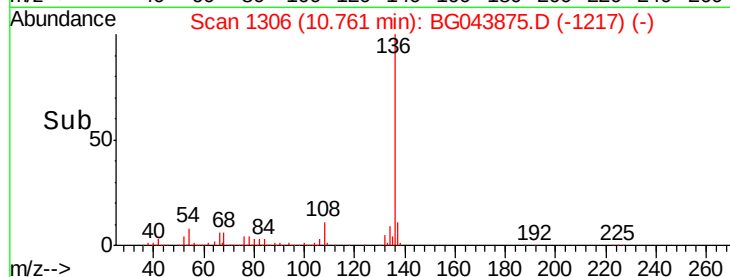
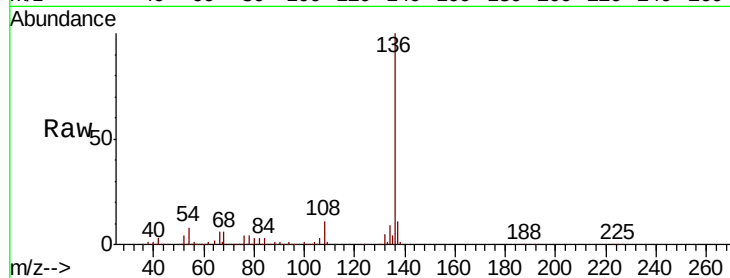




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

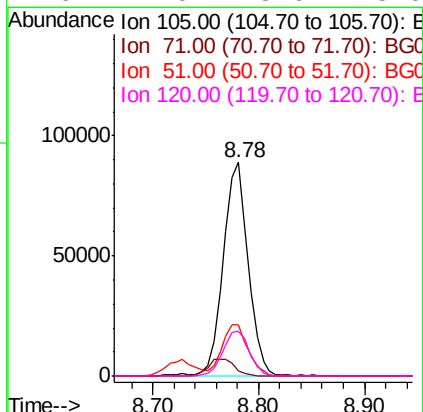
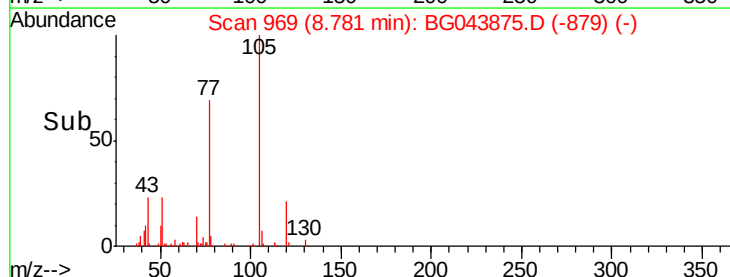
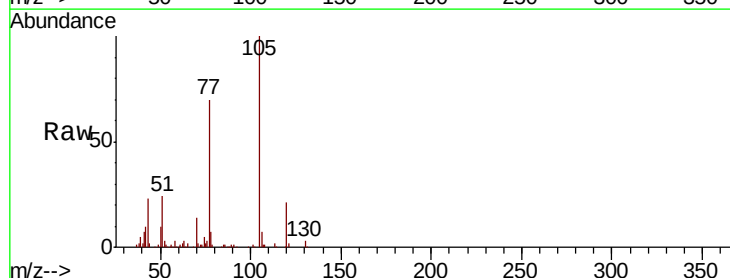
Instrument :
BNA_G
ClientSampleId :

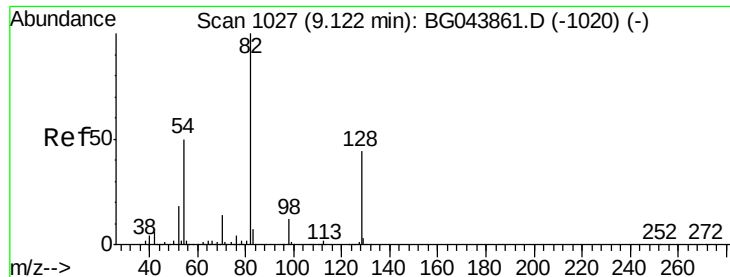
Tot Ion:136	Resp: 557767
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 8.2	7.0 10.4
68 6.2	4.9 7.3



#22
Acetophenone
Concen: 10.439 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Tgt	Ion:105	Resp:	144752
Ion	Ratio	Lower	Upper
105	100		
71	2.5	4.8	7.2#
51	23.8	21.4	32.0
120	21.0	18.6	28.0



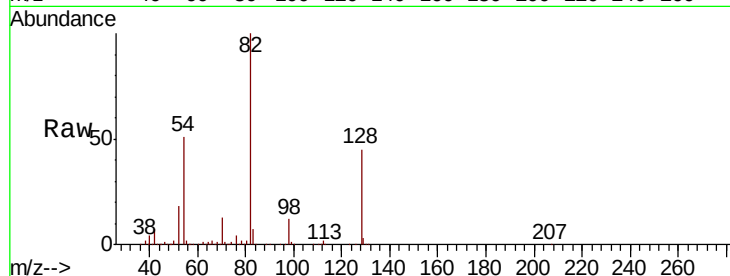


#23
 Nitrobenzene-d5
 Concen: 96.826 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043875.D
 Acq: 2 Jan 2020 15:00

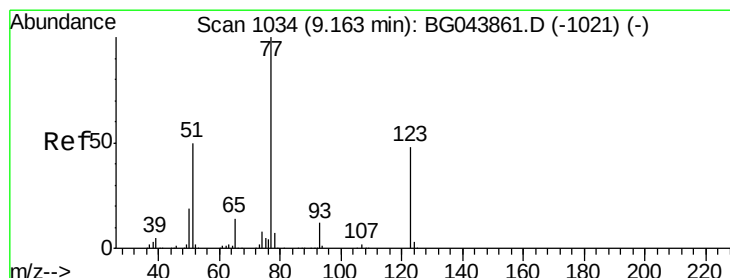
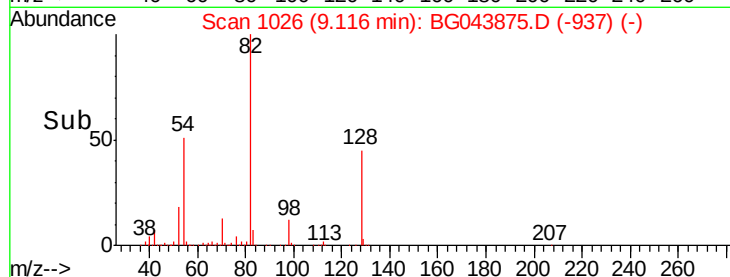
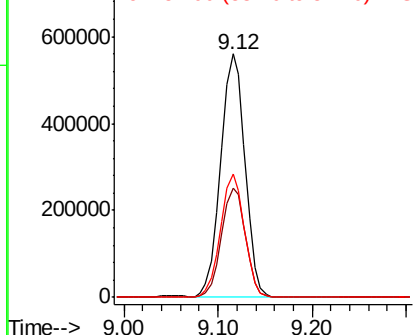
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 1009547

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.1	52.7
54	50.6	40.1	60.1



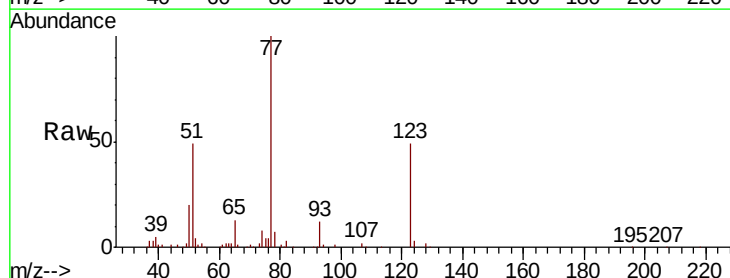
Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC



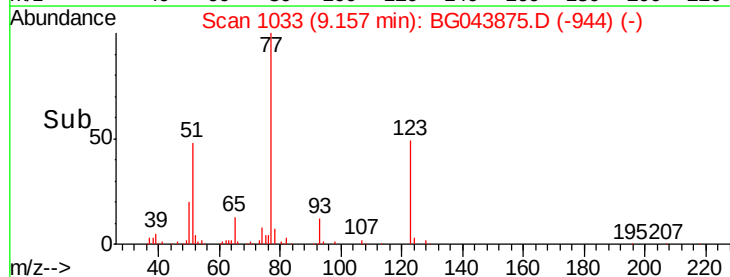
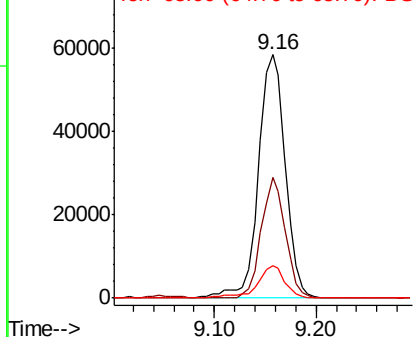
#24
 Nitrobenzene
 Concen: 10.379 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG043875.D
 Acq: 2 Jan 2020 15:00

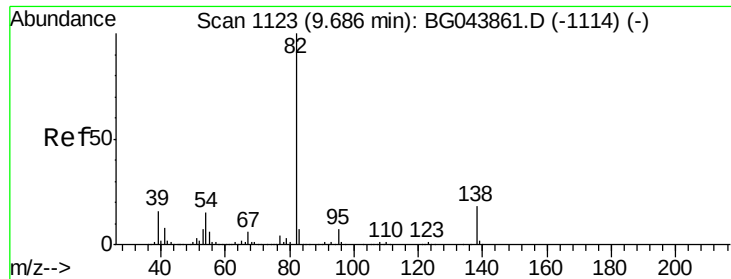
Tgt Ion: 77 Resp: 107178

Ion	Ratio	Lower	Upper
77	100		
123	49.4	38.7	58.1
65	13.1	11.1	16.7



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

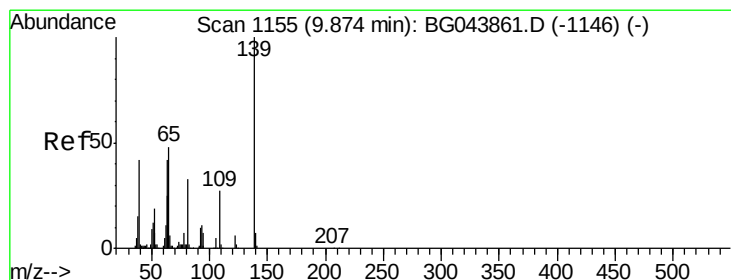
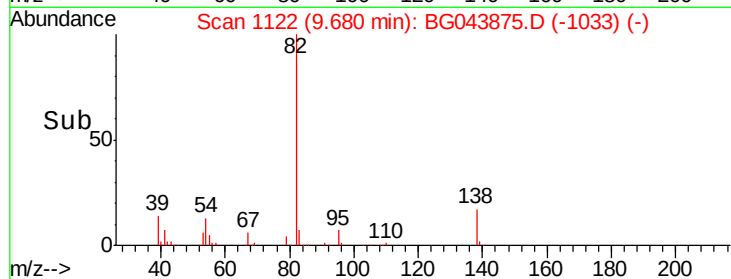
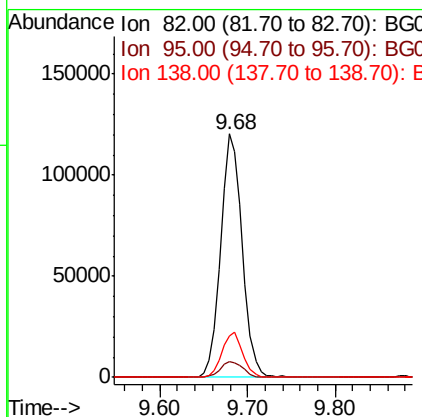
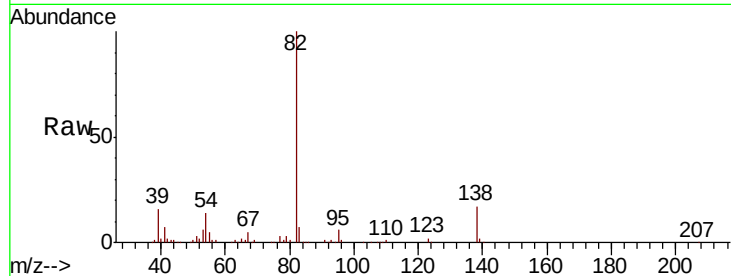




#25
Isophorone
Concen: 10.480 ng
RT: 9.68 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

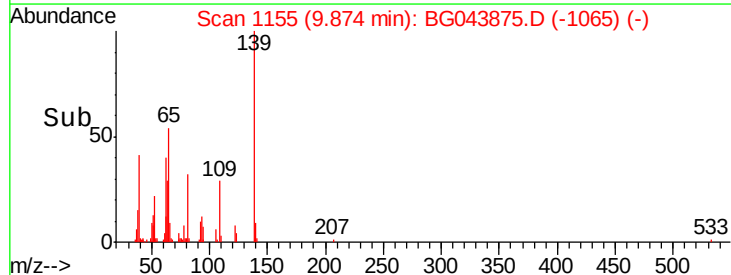
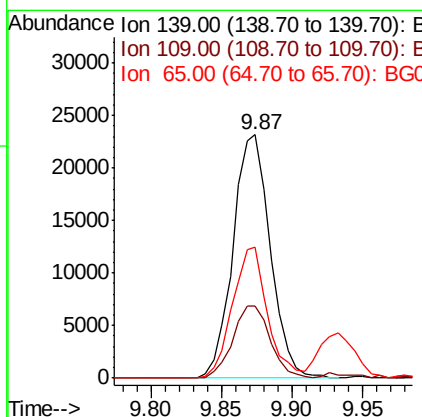
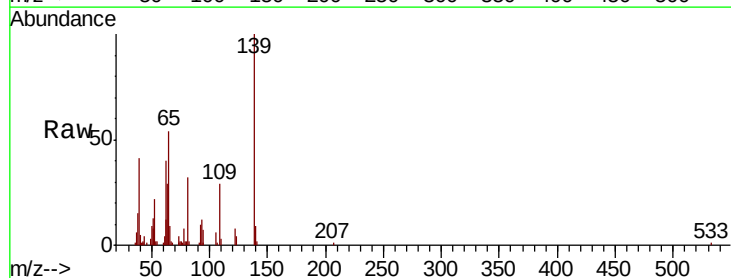
Instrument :
BNA_G
ClientSampleId :

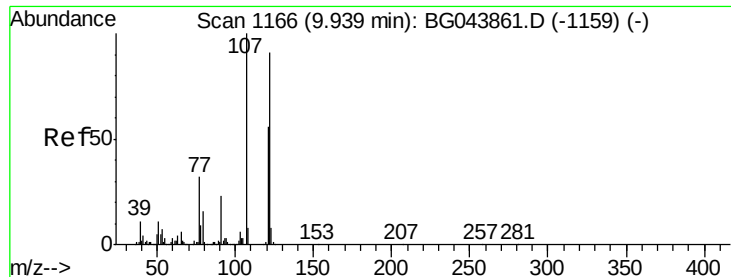
Tot Ion: 82 Resp: 204989
Ion Ratio Lower Upper
82 100
95 6.5 5.8 8.6
138 16.7 14.6 22.0



#26
2-Nitrophenol
Concen: 8.712 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Tgt Ion: 139 Resp: 42563
Ion Ratio Lower Upper
139 100
109 29.4 21.3 31.9
65 53.6 38.6 57.8





#27

2,4-Dimethylphenol

Concen: 9.980 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

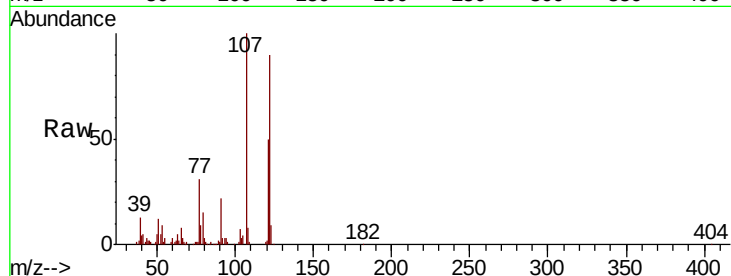
Tot Ion:122 Resp: 73398

Ion Ratio Lower Upper

122 100

107 111.1 88.0 132.0

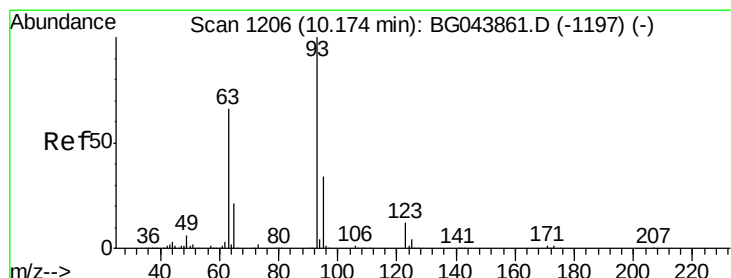
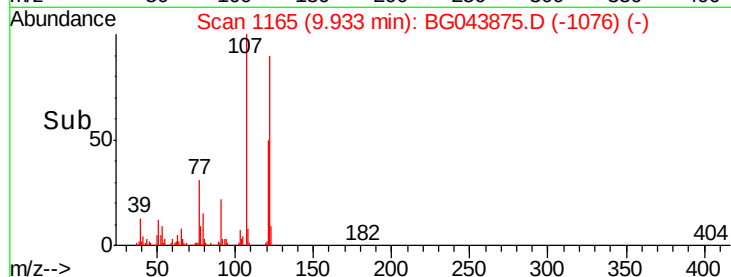
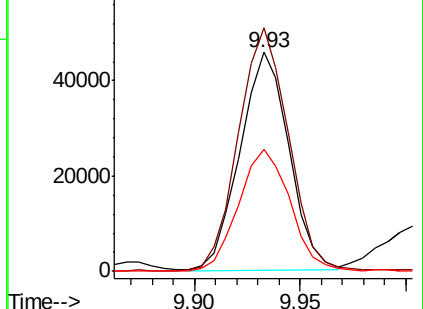
121 55.8 49.0 73.4



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: 10.089 ng

RT: 10.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

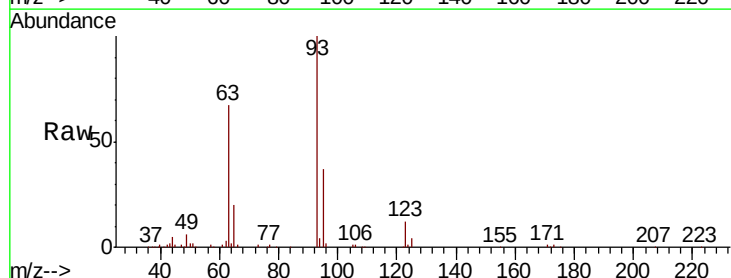
Tgt Ion: 93 Resp: 131575

Ion Ratio Lower Upper

93 100

95 36.9 27.2 40.8

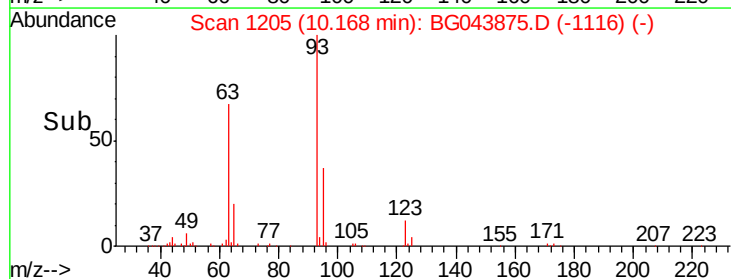
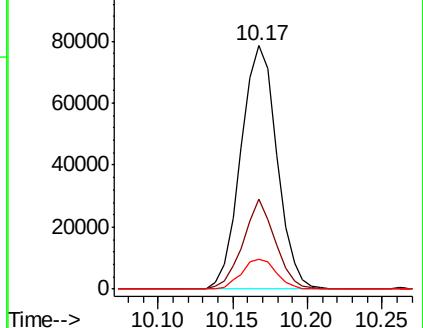
123 12.5 9.7 14.5

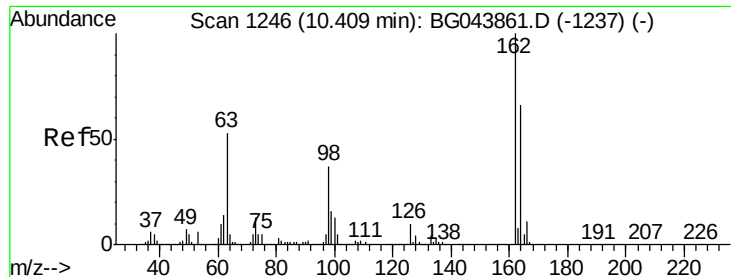


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

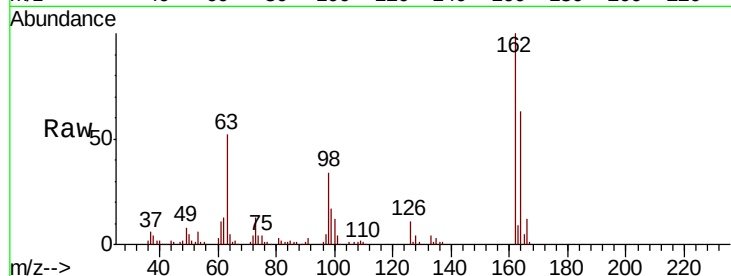




#29
 2,4-Dichlorophenol
 Concen: 9.366 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BG043875.D
 Acq: 2 Jan 2020 15:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	46.3	86.3
98	34.3	17.3	57.3

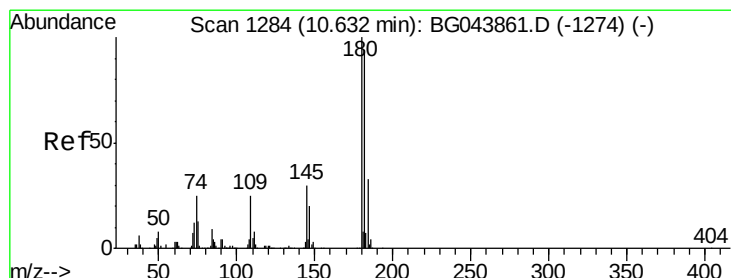
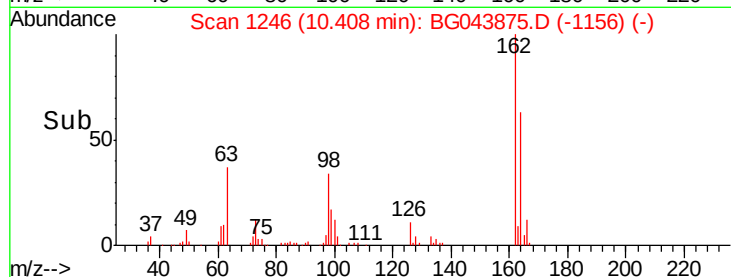
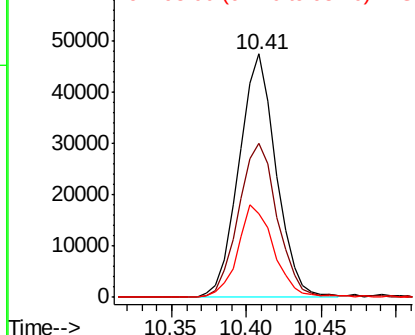


Abundance

Ion 162.00 (161.70 to 162.70): E

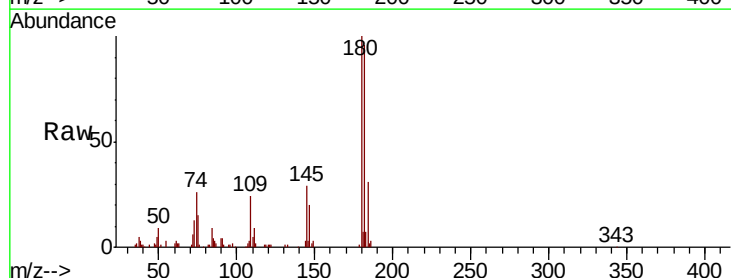
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 10.057 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG043875.D
 Acq: 2 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.0	112.4
145	29.2	24.2	36.4

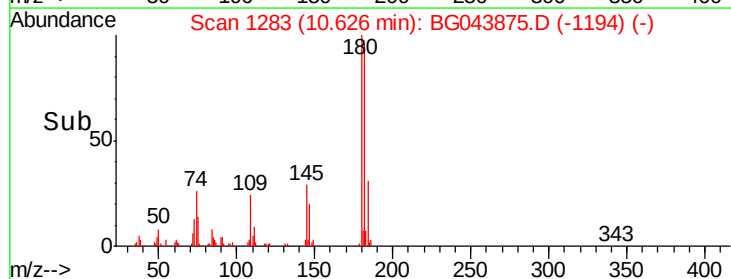
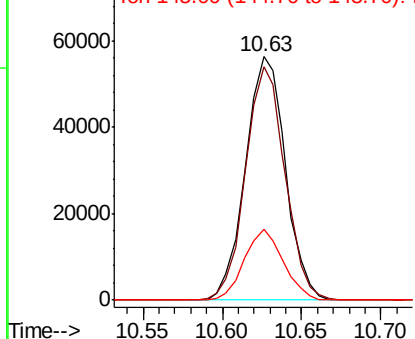


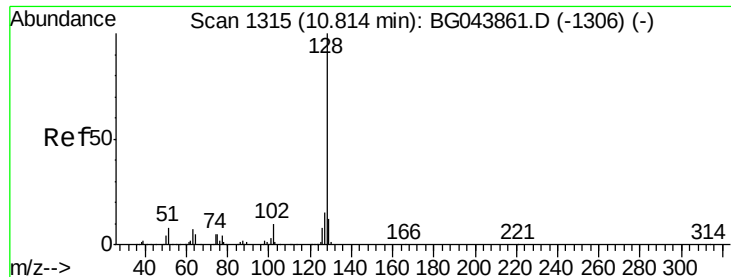
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

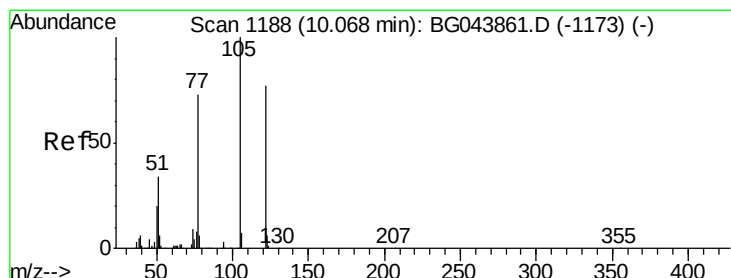
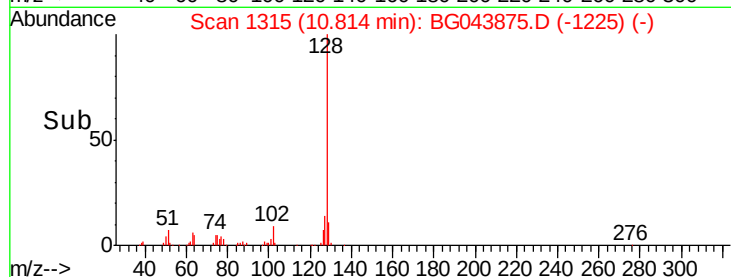
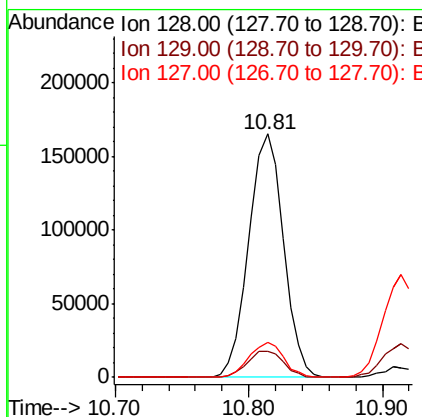
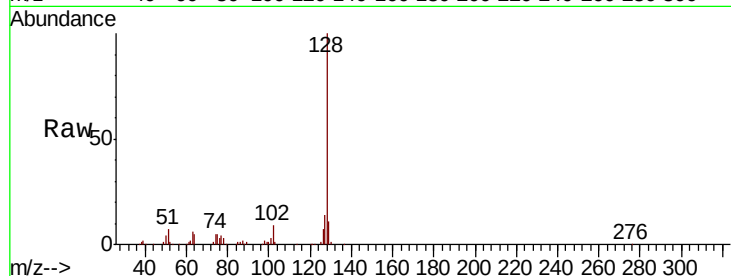




#31
Naphthalene
Concen: 11.019 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

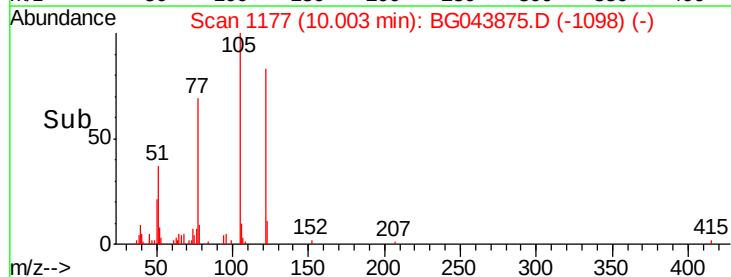
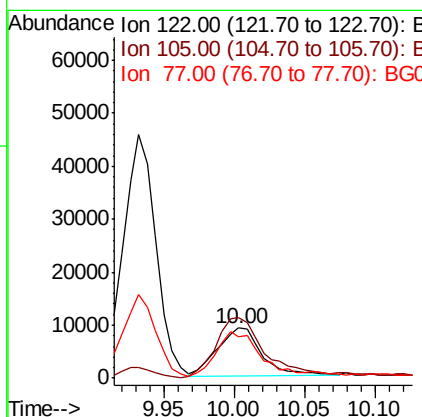
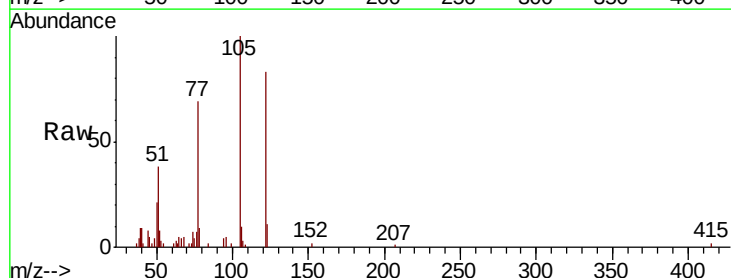
Instrument :
BNA_G
ClientSampled :

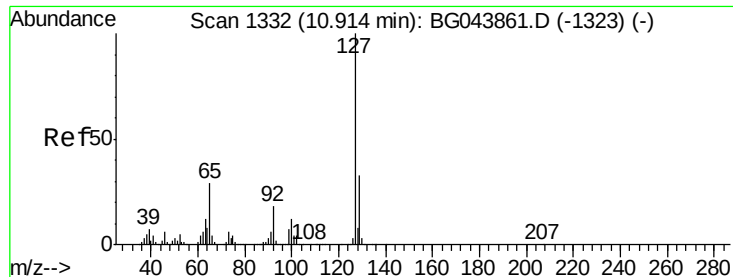
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.8	14.6
127	14.3	12.0	18.0



#32
Benzoic acid
Concen: 3.600 ng
RT: 10.00 min Scan# 1177
Delta R.T. -0.06 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.9	106.4	146.4
77	83.7	74.6	114.6

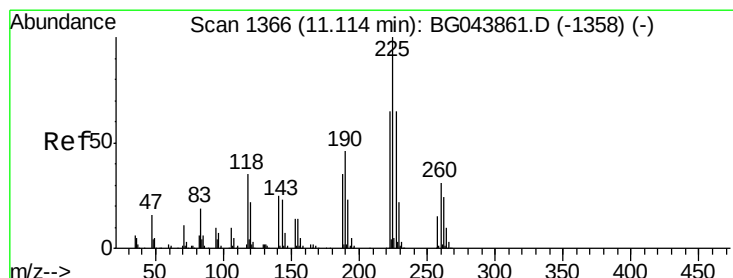
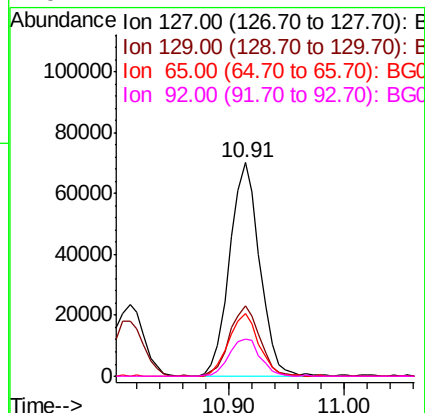
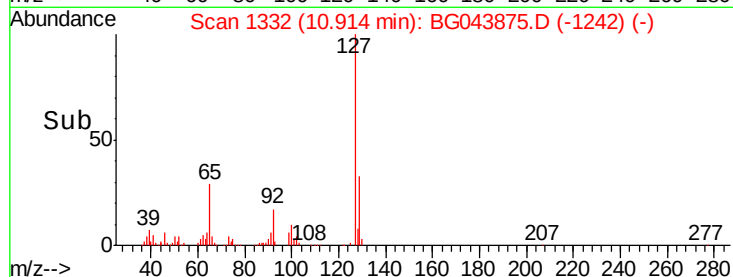
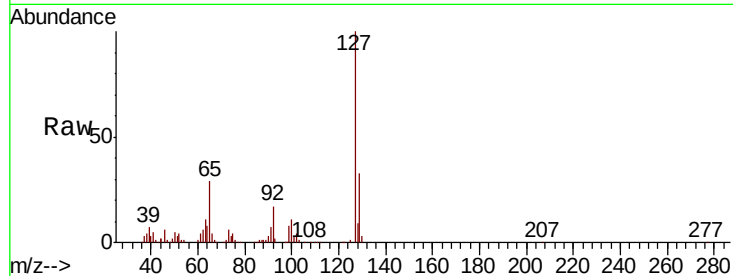




#33
4-Chloroaniline
Concen: 9.871 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

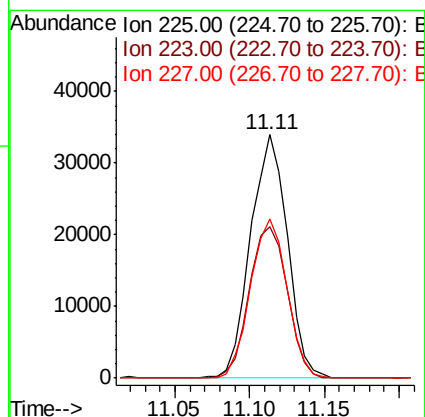
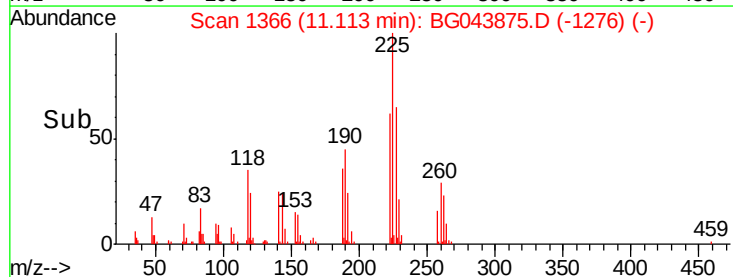
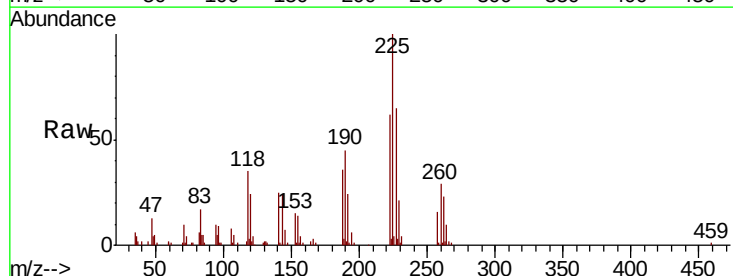
Instrument :
BNA_G
ClientSampleId :

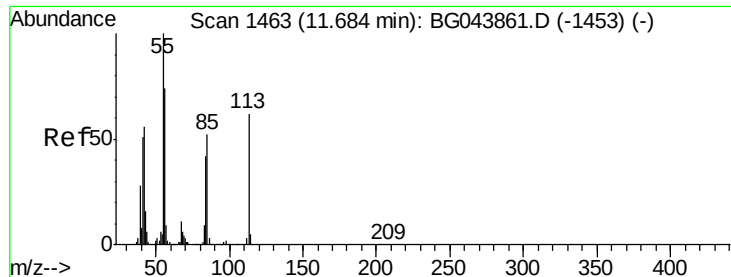
Tot Ion:	127	Resp:	127081
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	40.0
65	29.3	23.3	34.9
92	17.1	14.7	22.1



#34
Hexachlorobutadiene
Concen: 9.593 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Tgt Ion:	225	Resp:	57609
Ion	Ratio	Lower	Upper
225	100		
223	65.7	52.2	78.4
227	65.1	52.1	78.1





#35

Caprolactam

Concen: 9.640 ng

RT: 11.65 min Scan# 1457

Delta R.T. -0.04 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

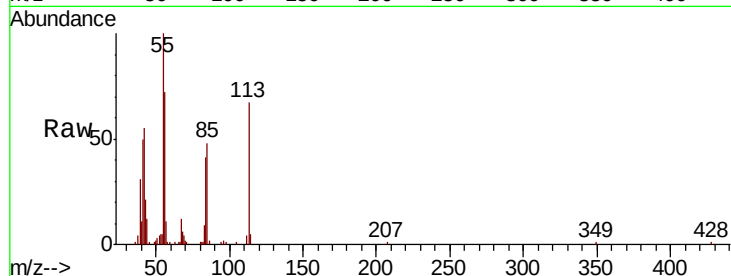
Tot Ion:113 Resp: 31480

Ion Ratio Lower Upper

113 100

55 149.9 142.5 182.5

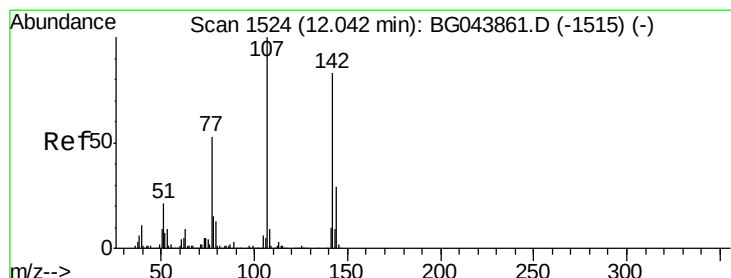
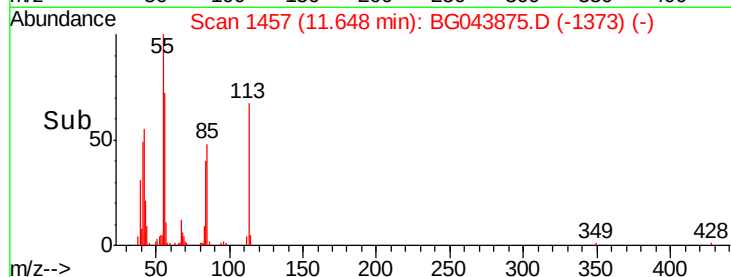
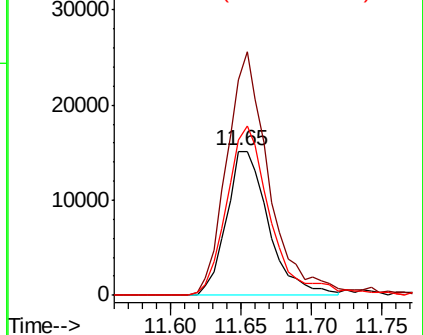
56 107.7 101.4 141.4



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: 10.169 ng

RT: 12.04 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

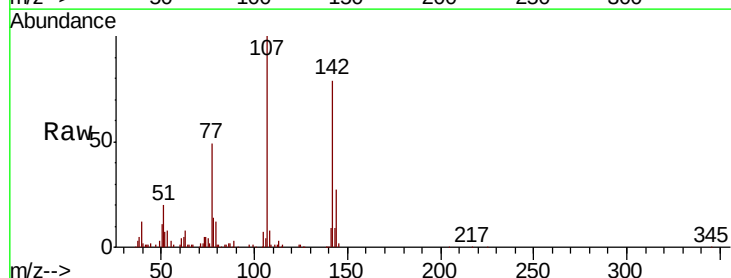
Tgt Ion:107 Resp: 94968

Ion Ratio Lower Upper

107 100

144 27.4 23.4 35.2

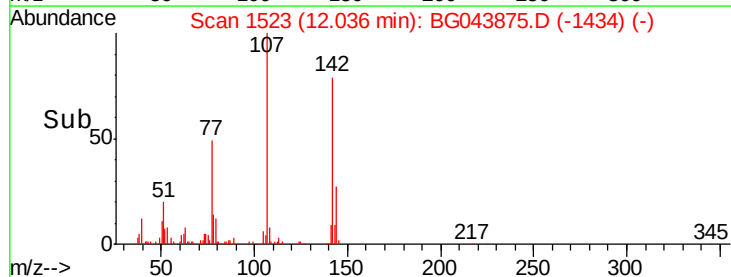
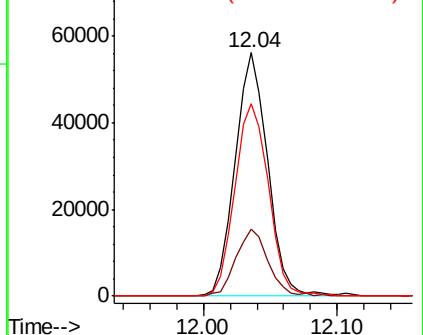
142 79.3 66.3 99.5

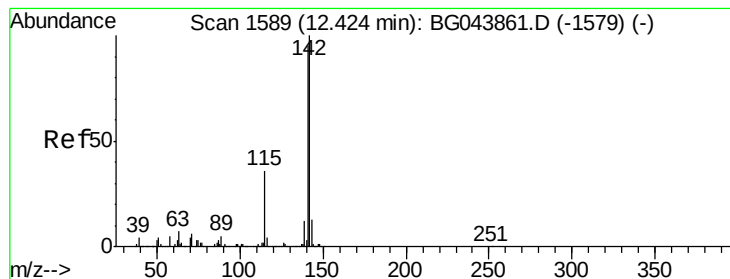


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 11.193 ng

RT: 12.42 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

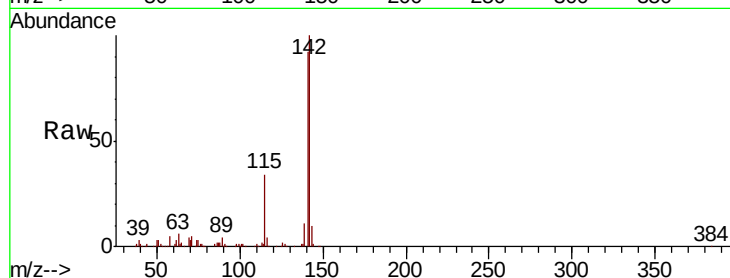
Tot Ion:142 Resp: 227444

Ion Ratio Lower Upper

142 100

141 92.1 75.8 113.8

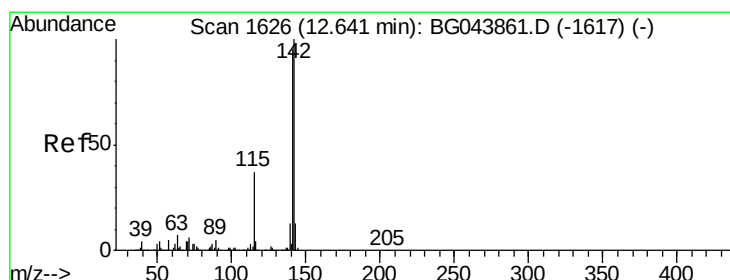
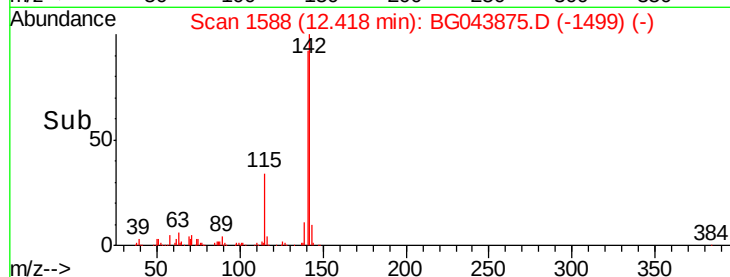
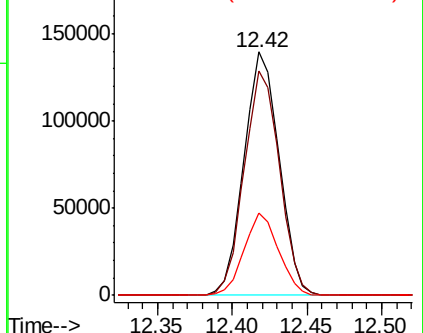
115 33.8 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 11.183 ng

RT: 12.64 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

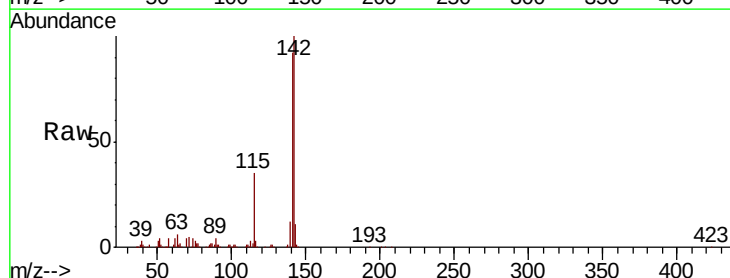
Tgt Ion:142 Resp: 215380

Ion Ratio Lower Upper

142 100

141 92.4 76.0 114.0

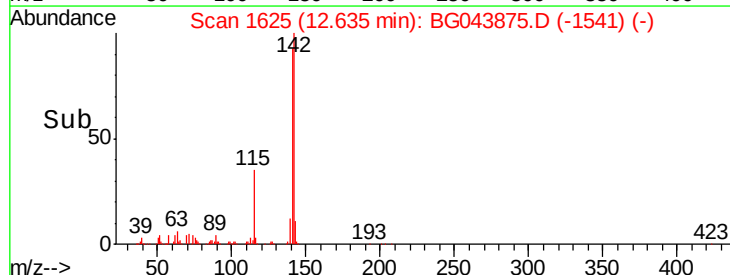
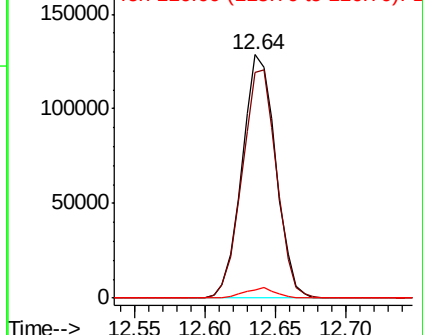
116 3.3 3.1 4.7

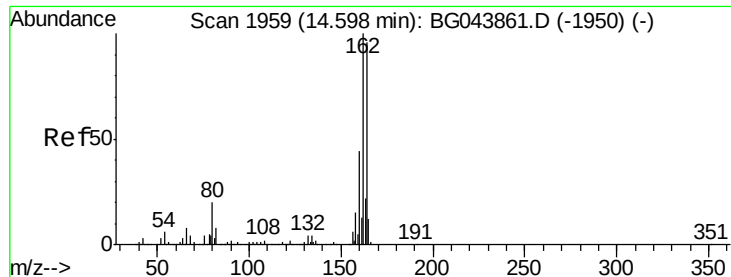


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

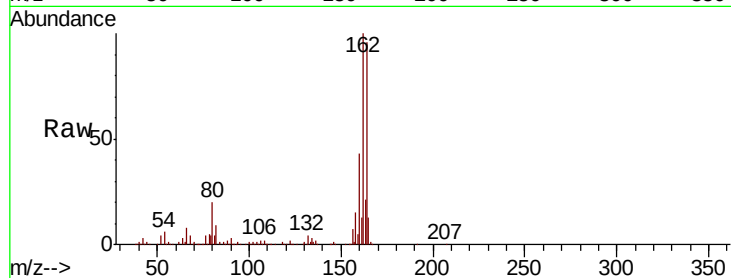
Tot Ion:164 Resp: 367765

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.4

160 44.4 36.1 54.1

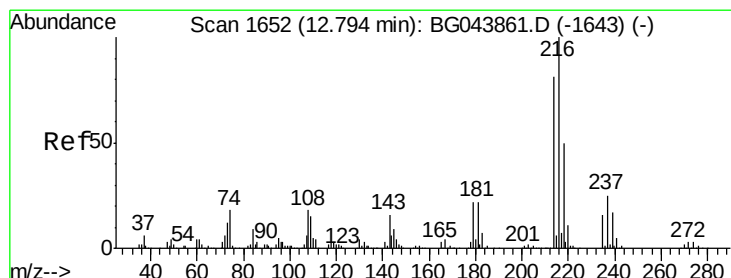
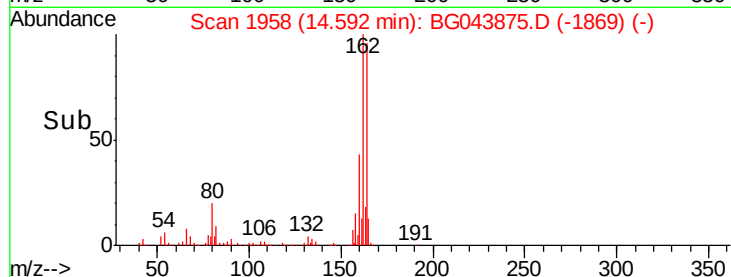
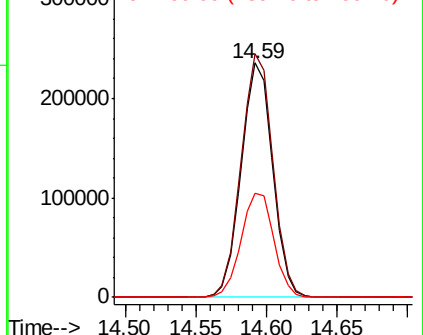


Abundance

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: 10.160 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

Tgt Ion:216 Resp: 109516

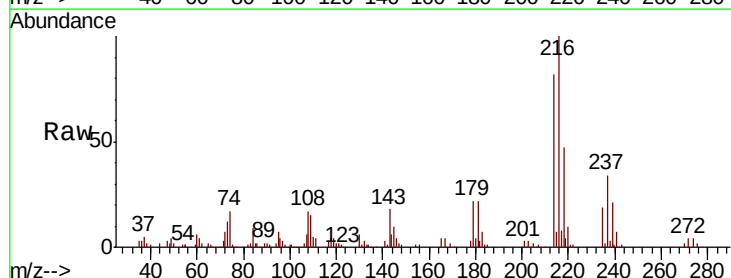
Ion Ratio Lower Upper

216 100

214 80.3 63.8 95.8

179 21.6 17.3 25.9

108 18.5 15.3 22.9



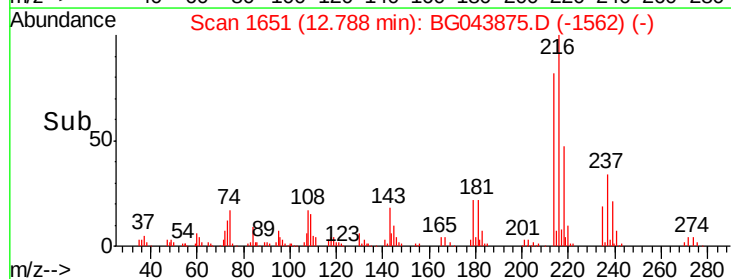
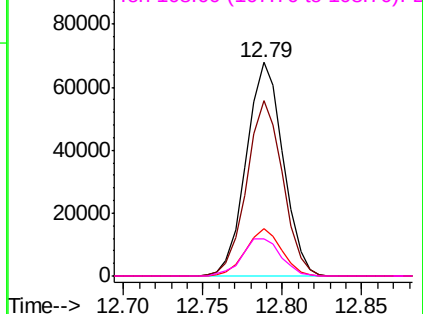
Abundance

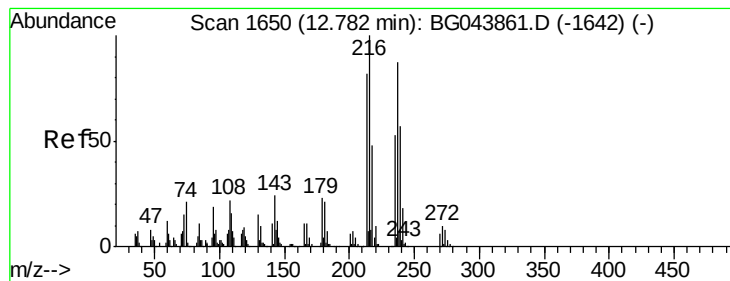
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 9.898 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

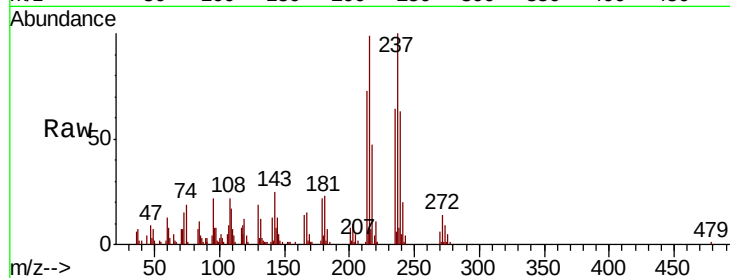
Tot Ion:237 Resp: 55316

Ion Ratio Lower Upper

237 100

235 63.6 41.1 81.1

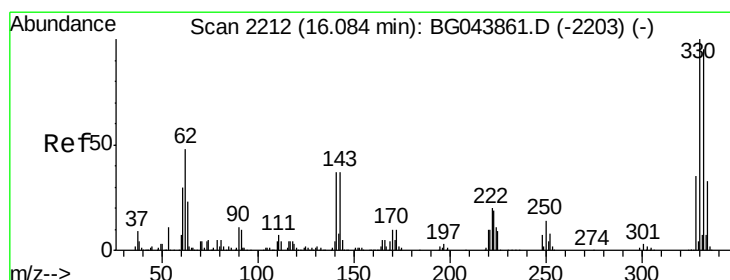
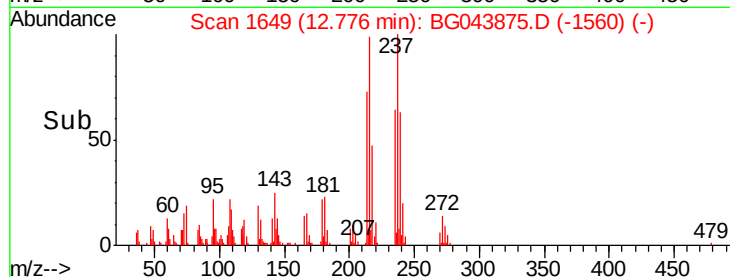
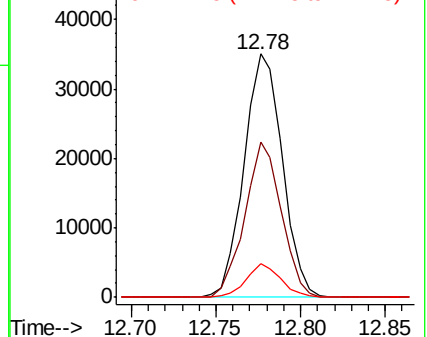
272 13.9 0.0 31.7



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: 146.762 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

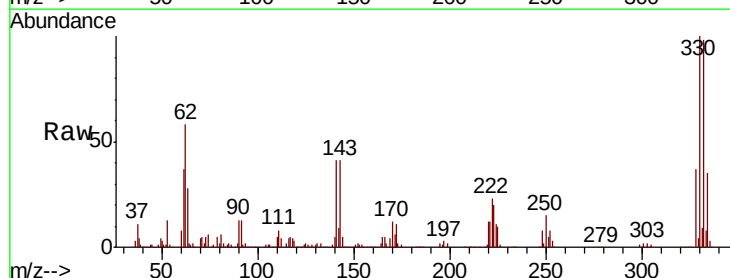
Tgt Ion:330 Resp: 564825

Ion Ratio Lower Upper

330 100

332 97.8 77.2 115.8

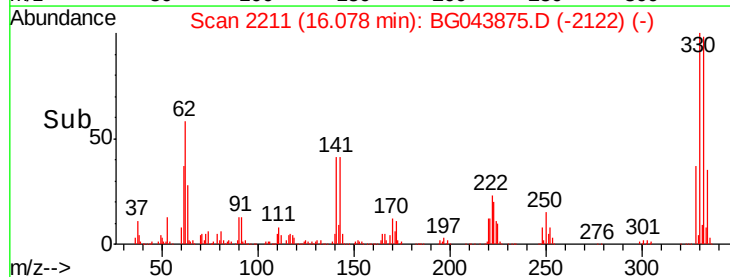
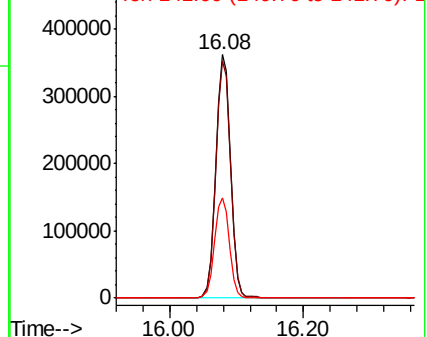
141 41.5 33.1 49.7

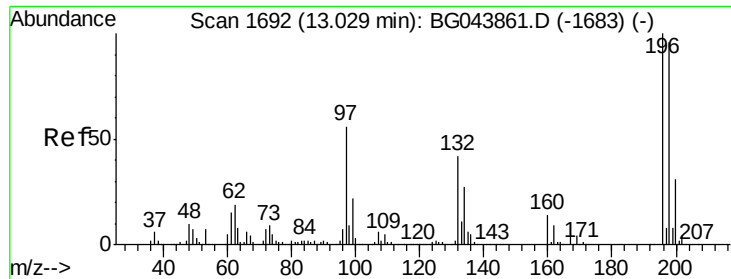


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

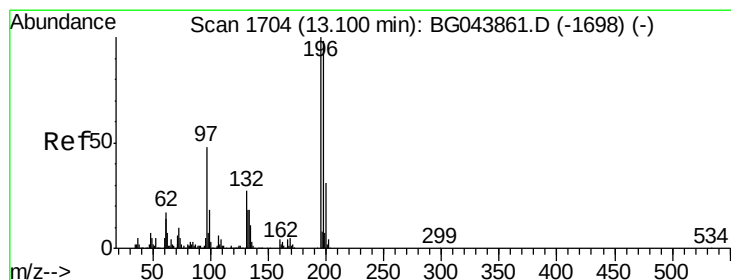
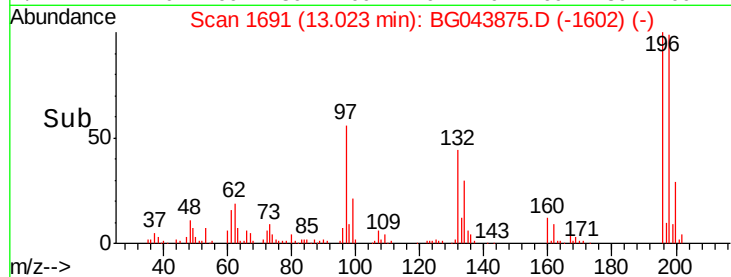
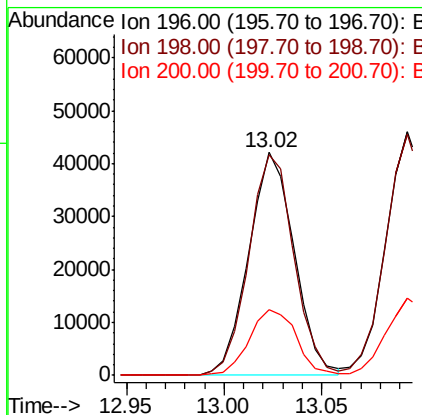
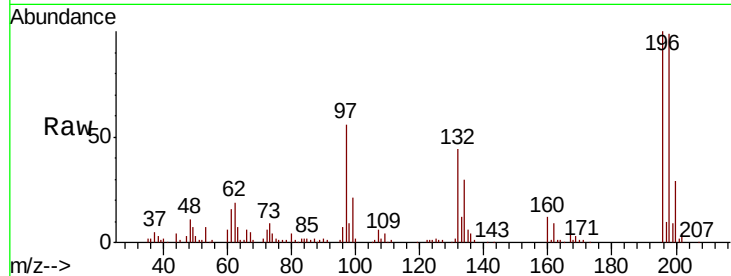




#43
 2,4,6-Trichlorophenol
 Concen: 9.165 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG043875.D
 Acq: 2 Jan 2020 15:00

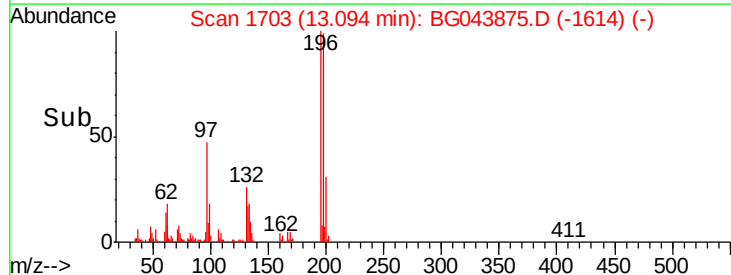
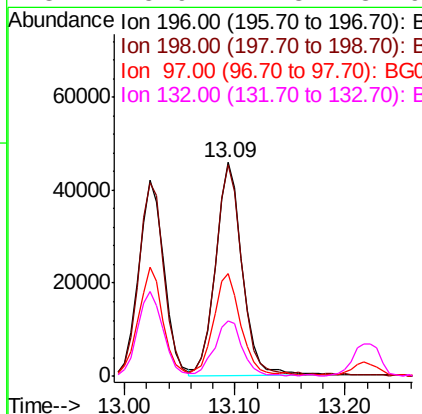
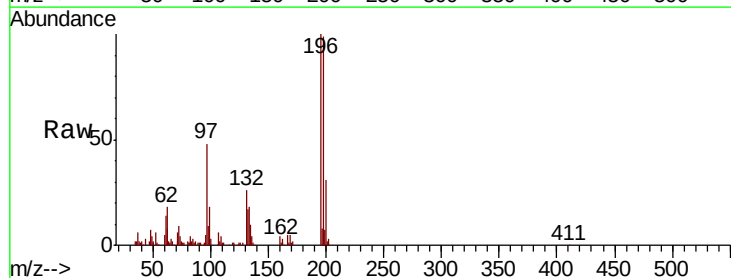
Instrument :
 BNA_G
 ClientSampled :

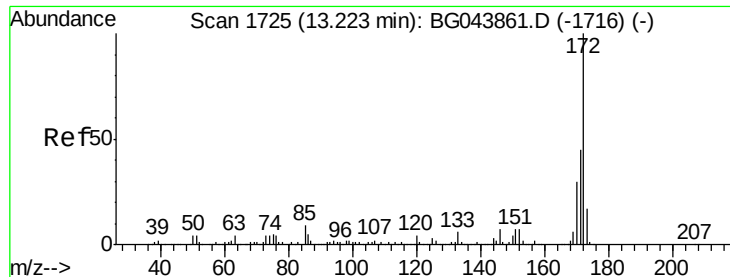
Tot Ion:196 Resp: 67975
 Ion Ratio Lower Upper
 196 100
 198 98.9 76.6 115.0
 200 29.4 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 9.960 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG043875.D
 Acq: 2 Jan 2020 15:00

Tgt Ion:196 Resp: 76191
 Ion Ratio Lower Upper
 196 100
 198 99.0 78.3 117.5
 97 47.7 38.8 58.2
 132 25.9 21.3 31.9

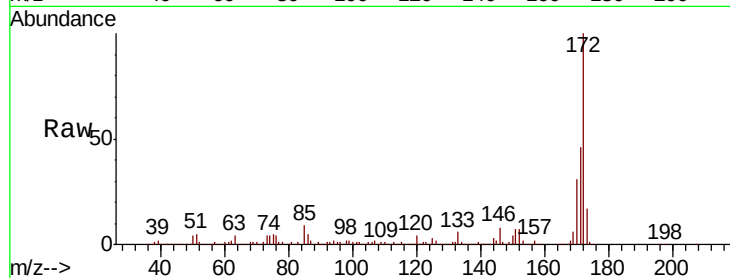




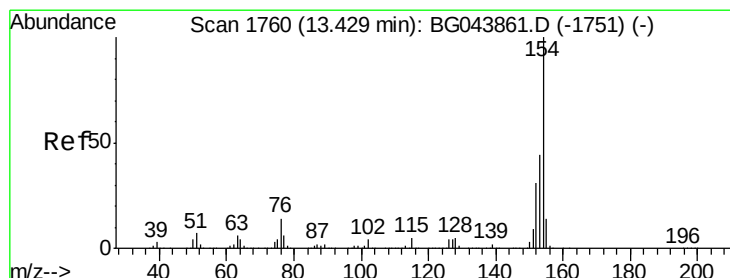
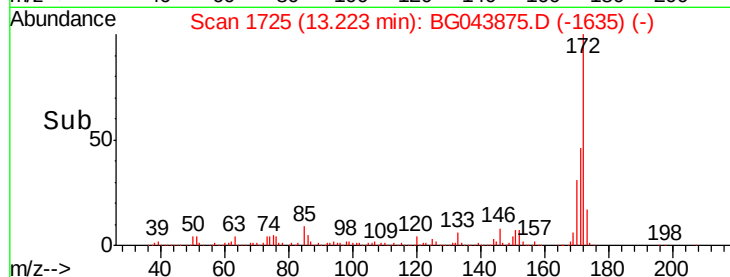
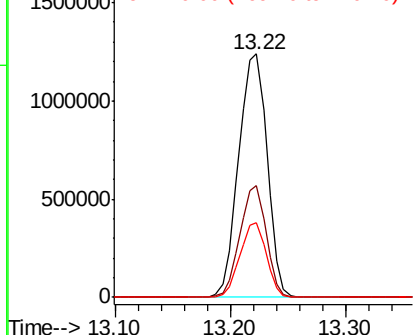
#45
2-Fluorobiphenyl
Concen: 104.426 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 2119701
Ion Ratio Lower Upper
172 100
171 45.8 35.8 53.8
170 30.9 24.2 36.4

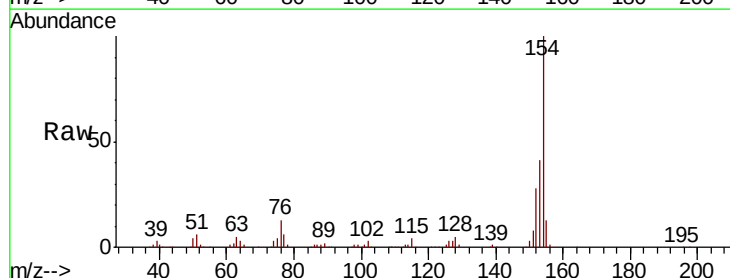


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

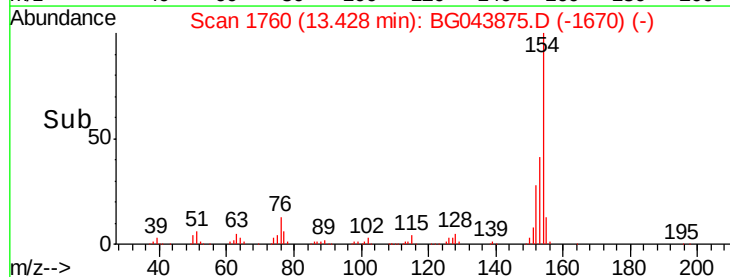
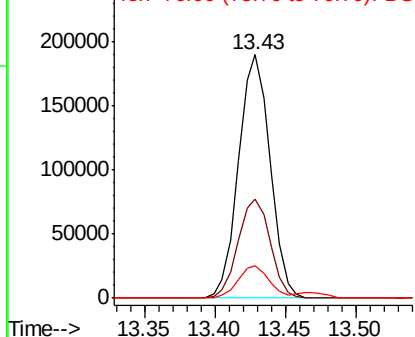


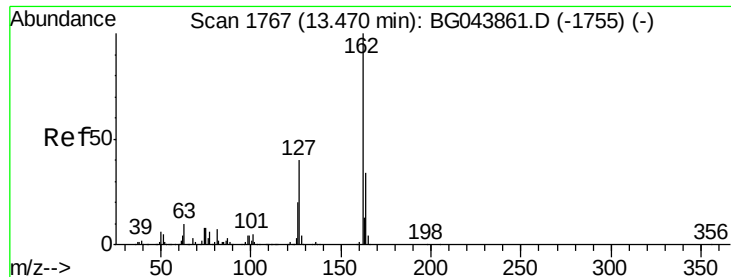
#46
1,1'-Biphenyl
Concen: 11.225 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Tgt Ion:154 Resp: 295986
Ion Ratio Lower Upper
154 100
153 40.9 23.6 63.6
76 13.4 0.0 34.4



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

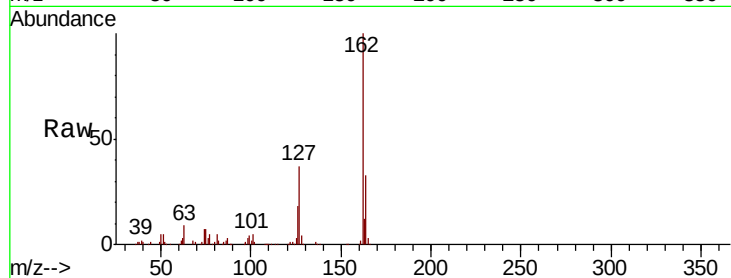




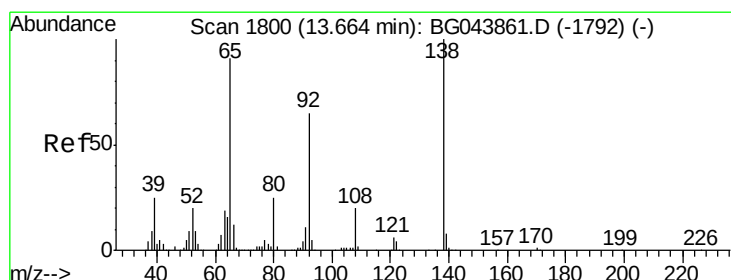
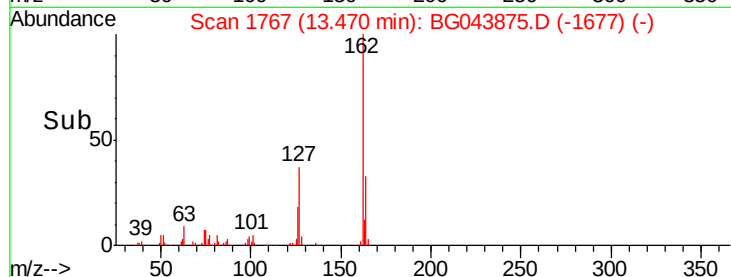
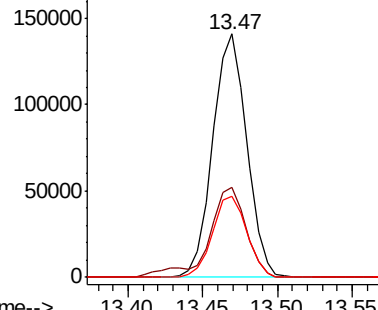
#47
2-Chloronaphthalene
Concen: 10.403 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	32.1	48.1
164	33.0	27.5	41.3

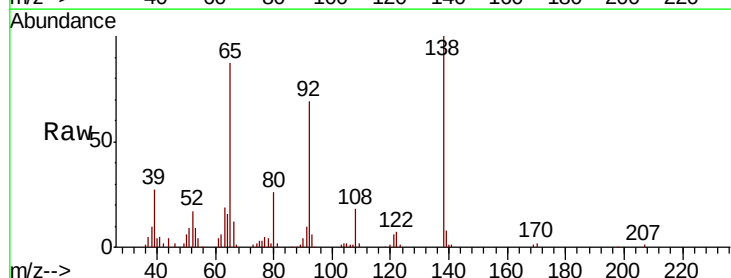


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

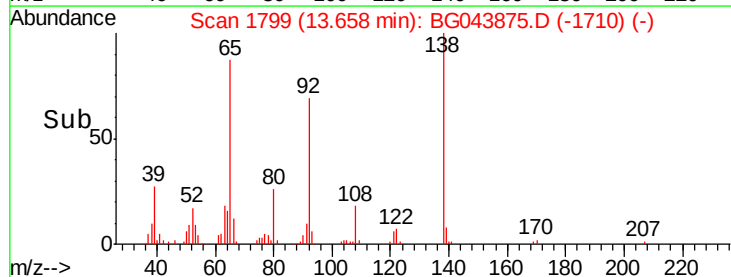
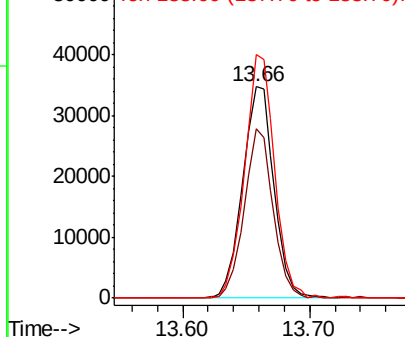


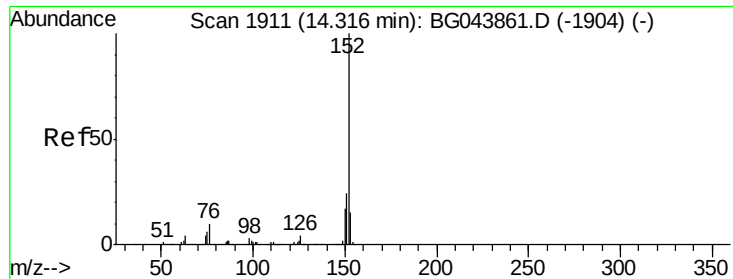
#48
2-Nitroaniline
Concen: 8.683 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	80.1	57.4	86.2
138	115.4	88.2	132.4



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





#49

Acenaphthylene

Concen: 11.890 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

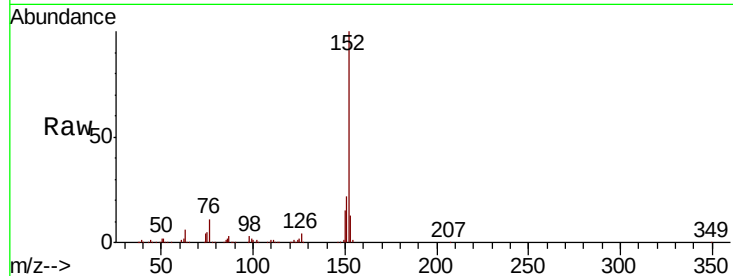
Tot Ion:152 Resp: 364121

Ion Ratio Lower Upper

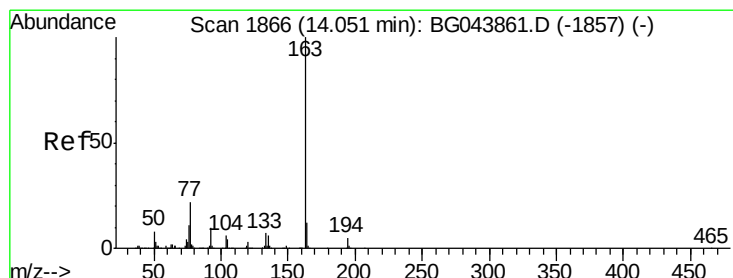
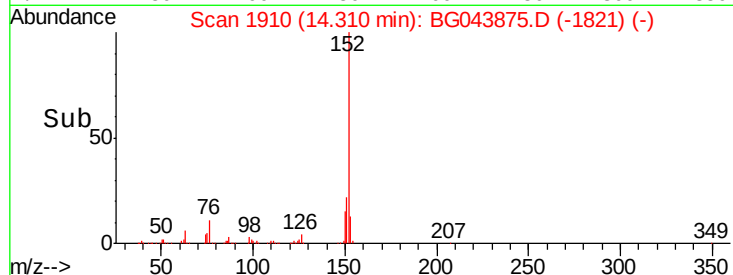
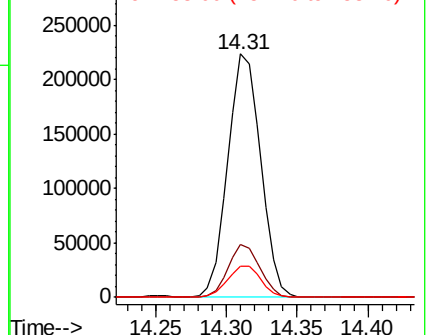
152 100

151 21.7 19.4 29.2

153 13.0 12.0 18.0



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



#50

Dimethylphthalate

Concen: 11.294 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

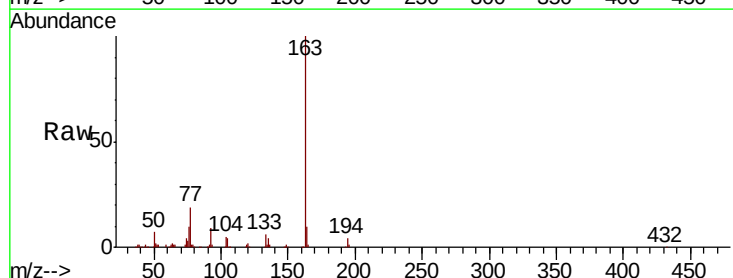
Tgt Ion:163 Resp: 294916

Ion Ratio Lower Upper

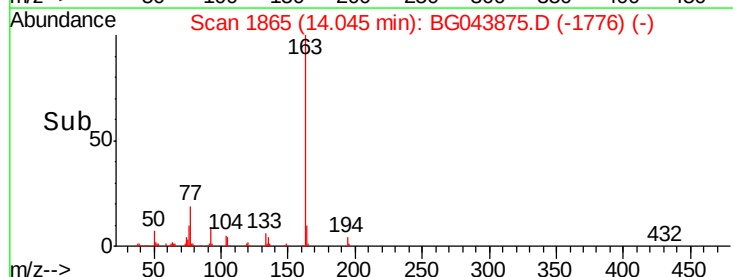
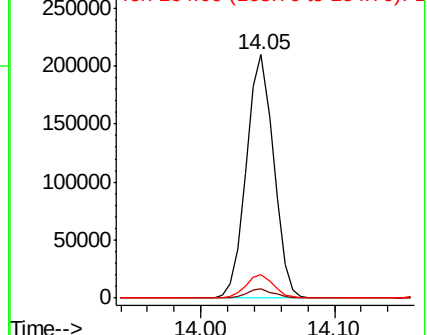
163 100

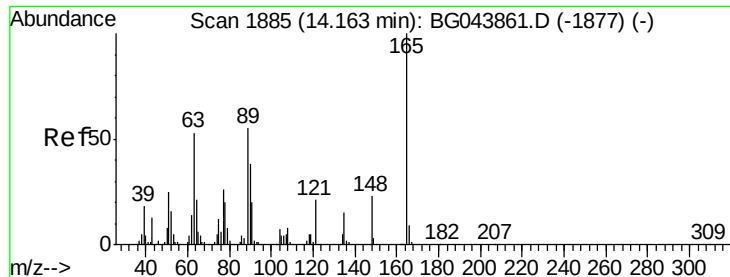
194 3.8 3.7 5.5

164 9.9 9.3 13.9



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

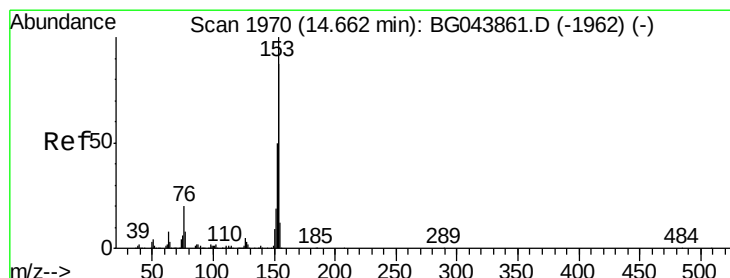
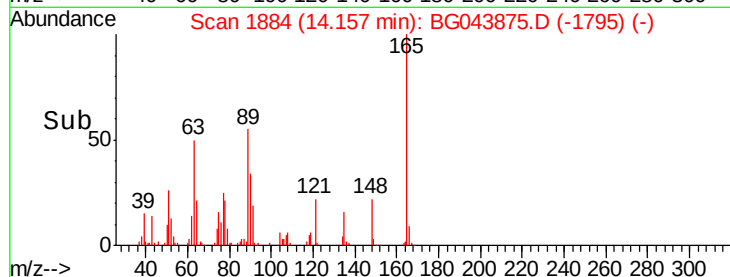
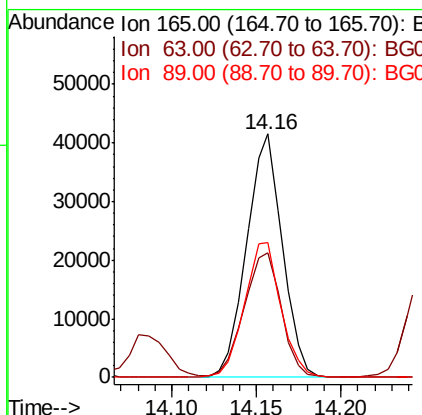
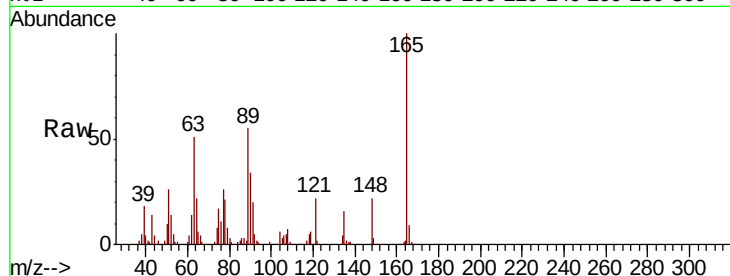




#51
 2,6-Dinitrotoluene
 Concen: 10.350 ng
 RT: 14.16 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BG043875.D
 Acq: 2 Jan 2020 15:00

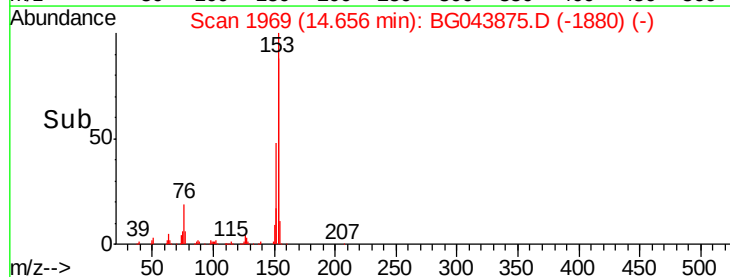
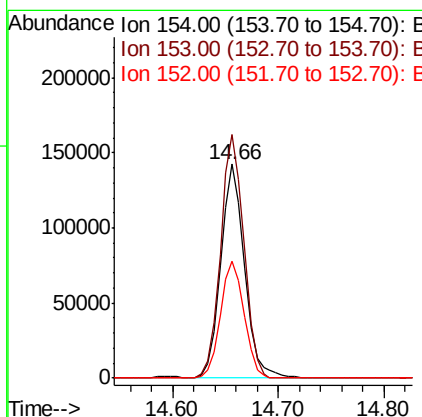
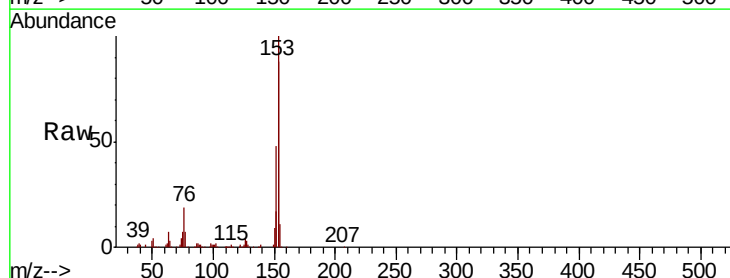
Instrument :
 BNA_G
 ClientSampleId :

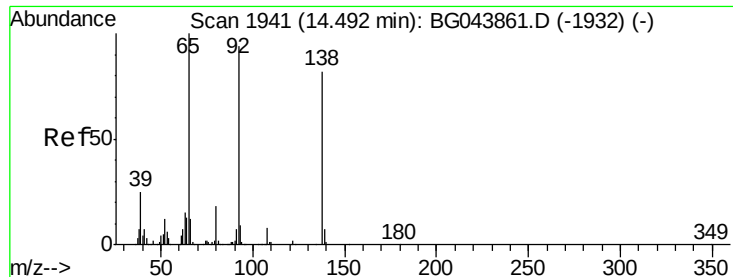
Tot Ion	165	Resp	61084
Ion Ratio	Lower	Upper	
165	100		
63	51.0	43.1	64.7
89	55.2	43.8	65.6



#52
 Acenaphthene
 Concen: 10.343 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG043875.D
 Acq: 2 Jan 2020 15:00

Tgt Ion	154	Resp	222129
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.6	137.4
152	54.7	45.4	68.0

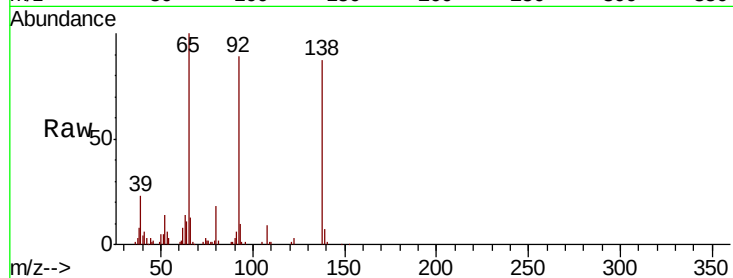




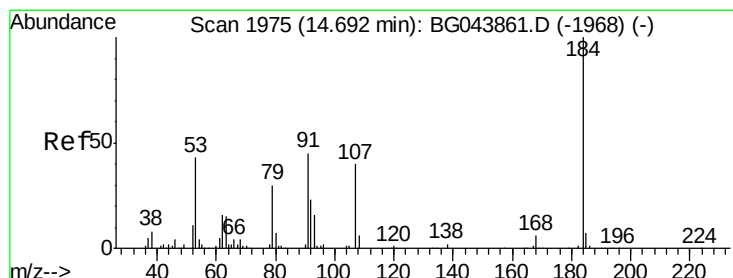
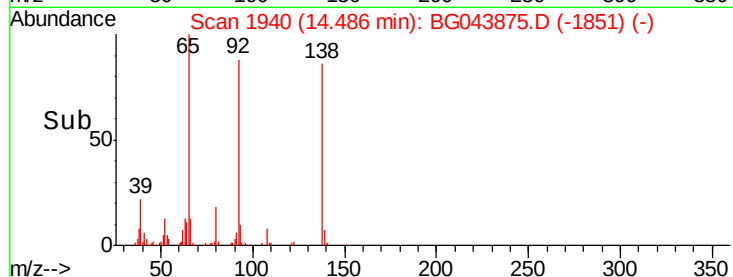
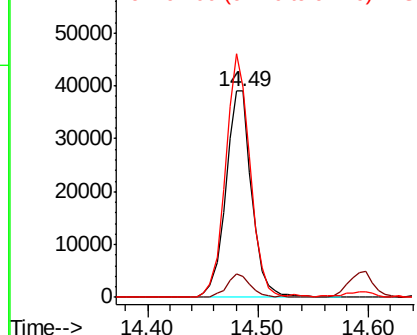
#53
3-Nitroaniline
Concen: 9.525 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 63839
Ion Ratio Lower Upper
138 100
108 10.1 7.4 11.2
92 102.3 92.1 138.1

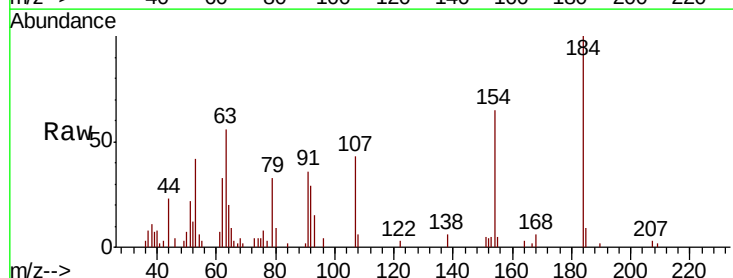


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

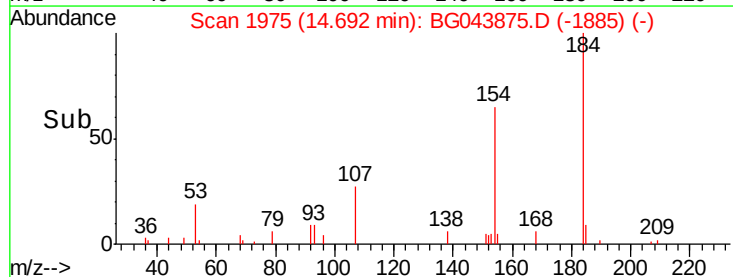
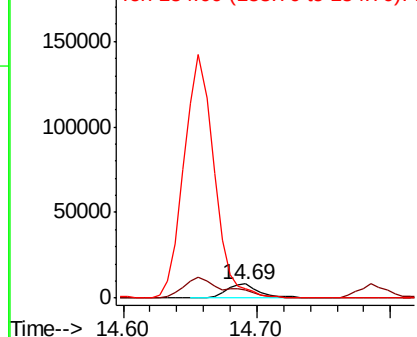


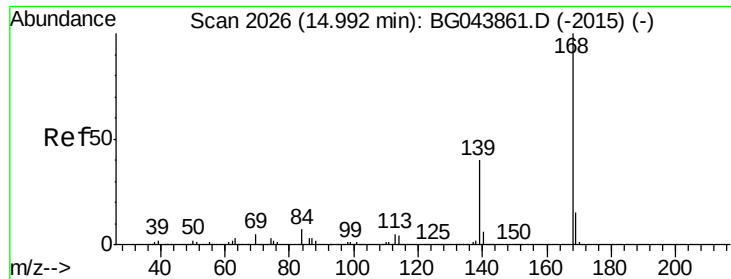
#54
2,4-Dinitrophenol
Concen: 5.475 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Tgt Ion:184 Resp: 14568
Ion Ratio Lower Upper
184 100
63 56.5 46.6 70.0
154 65.1 50.2 75.4



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

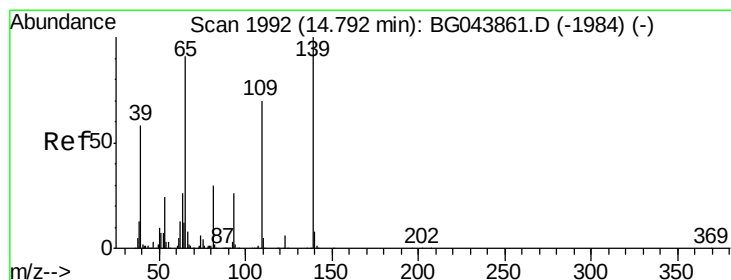
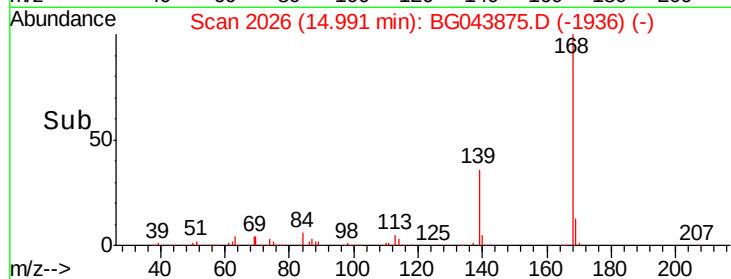
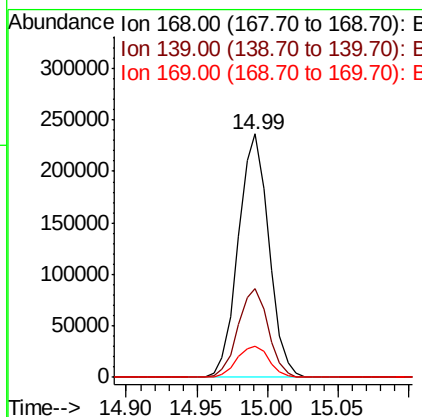
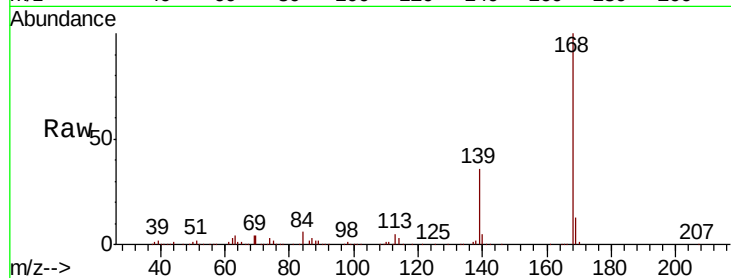




#55
Dibenzenofuran
Concen: 12.065 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

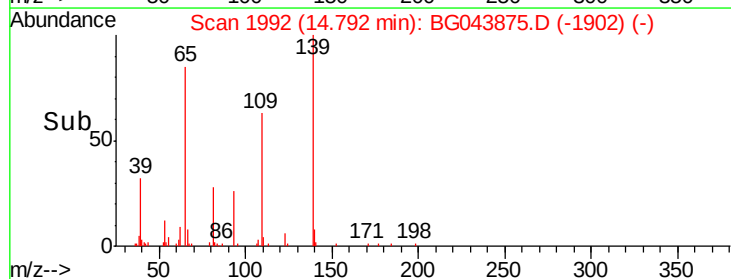
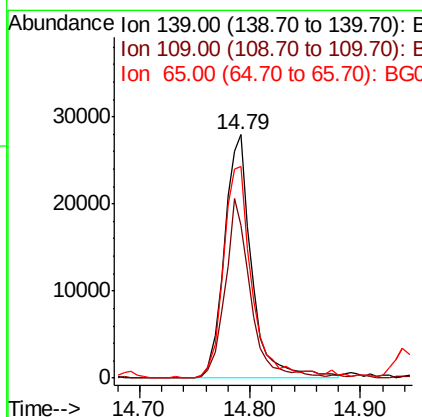
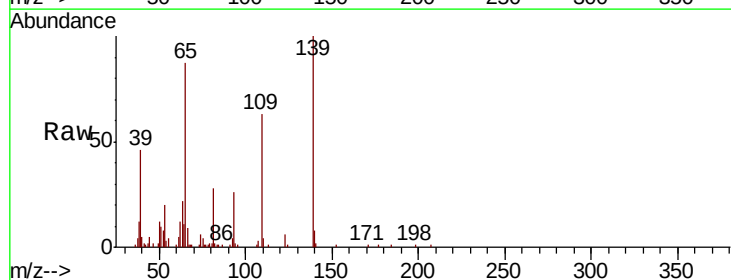
Instrument :
BNA_G
ClientSampleId :

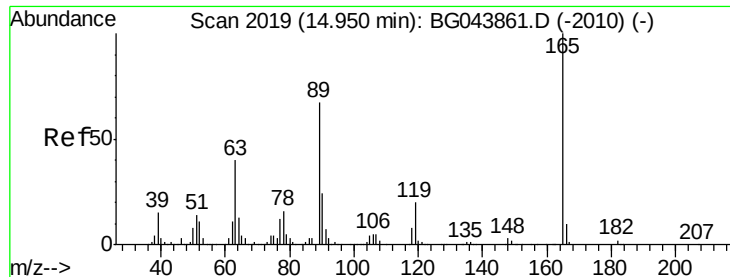
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	32.2	48.2
169	13.1	12.2	18.2



#56
4-Nitrophenol
Concen: 9.455 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.8	50.4	90.4
65	87.1	71.4	111.4

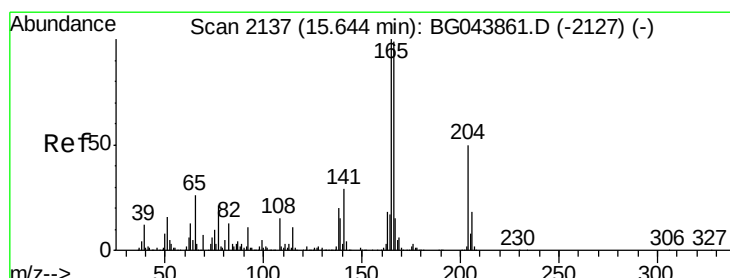
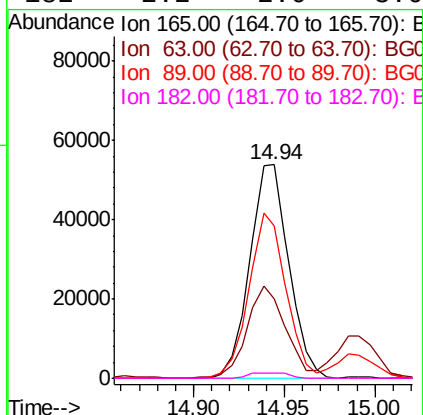
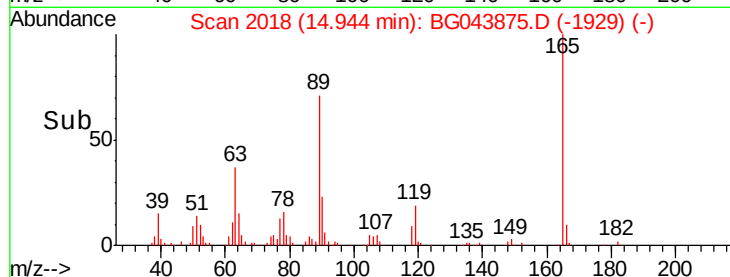
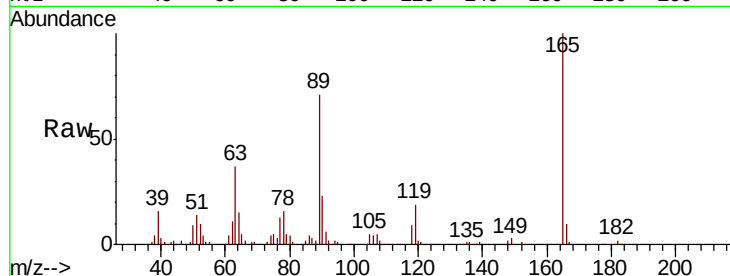




#57
2,4-Dinitrotoluene
Concen: 10.014 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

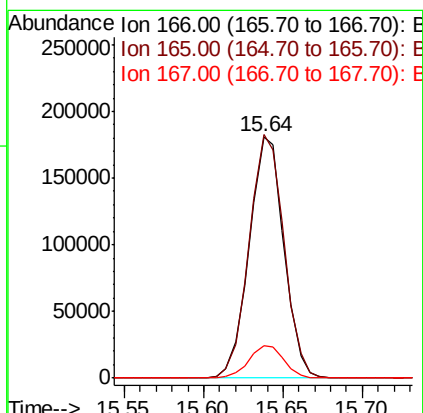
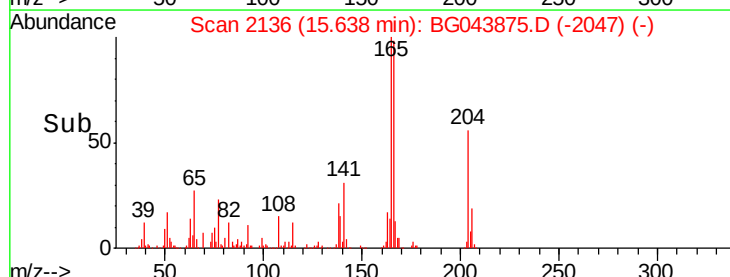
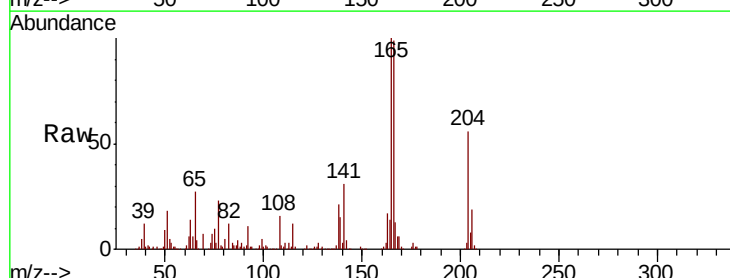
Instrument :
BNA_G
ClientSampleId :

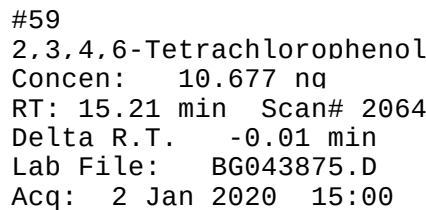
Tot Ion:165 Resp: 80424
Ion Ratio Lower Upper
165 100
63 37.0 31.9 47.9
89 71.3 53.8 80.6
182 2.2 2.0 3.0



#58
Fluorene
Concen: 11.777 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

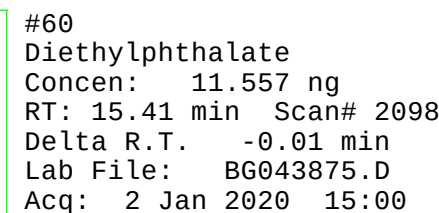
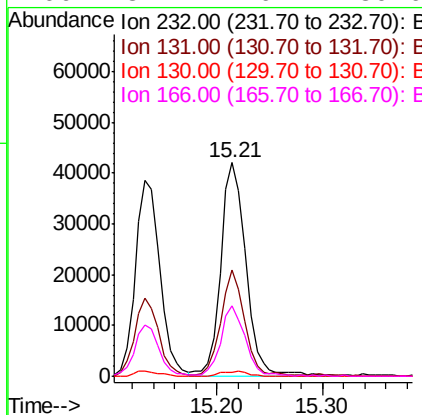
Tgt Ion:166 Resp: 275966
Ion Ratio Lower Upper
166 100
165 100.9 80.8 121.2
167 13.3 12.1 18.1



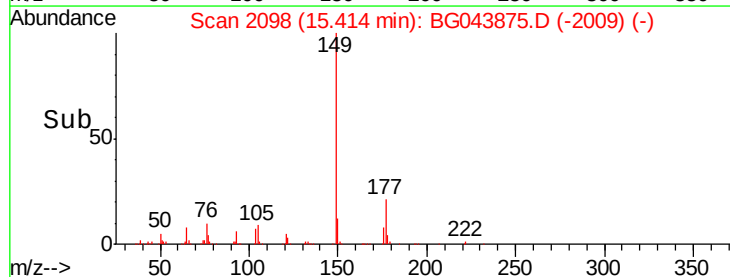
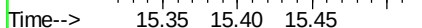
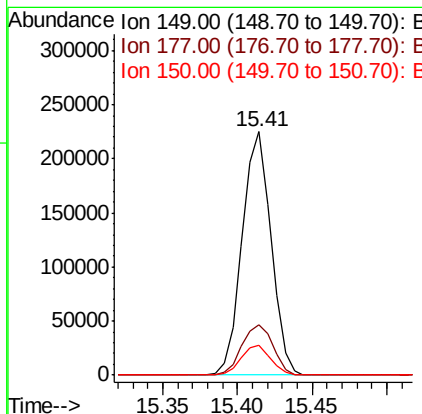


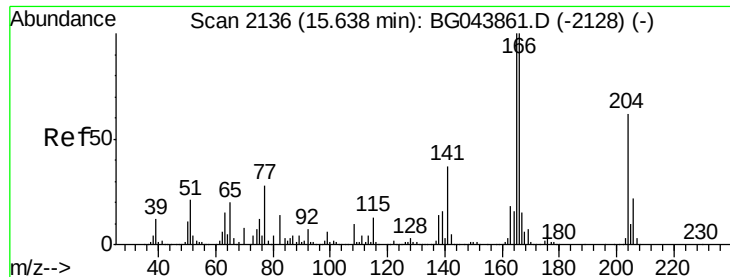
Instrument :
BNA_G
ClientSampleId :

Tot	Ion:232	Resp:	70233
Ion	Ratio	Lower	Upper
232	100		
131	46.9	38.2	57.2
130	2.5	2.2	3.2
166	31.7	26.4	39.6



Tgt	Ion:149	Resp:	301842
Ion	Ratio	Lower	Upper
149	100		
177	20.9	20.0	30.0
150	12.3	11.1	16.7

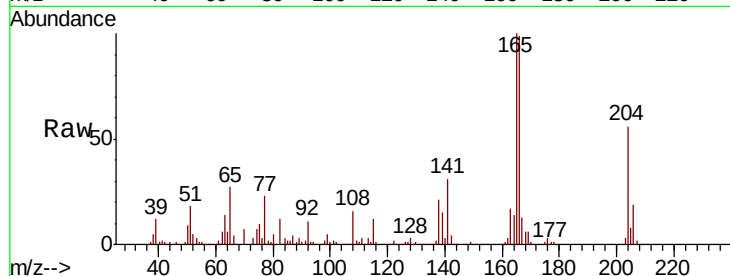




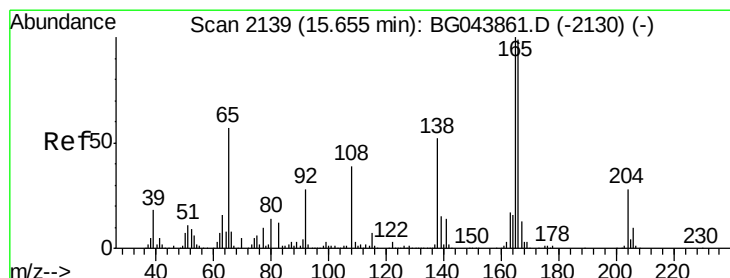
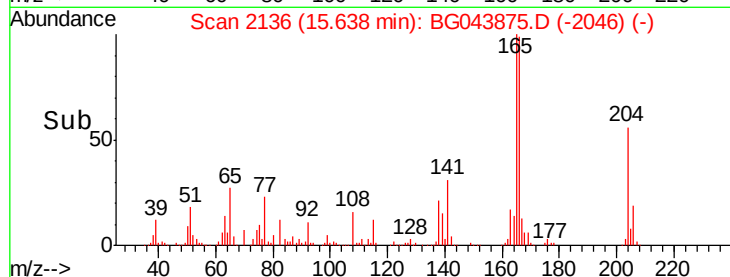
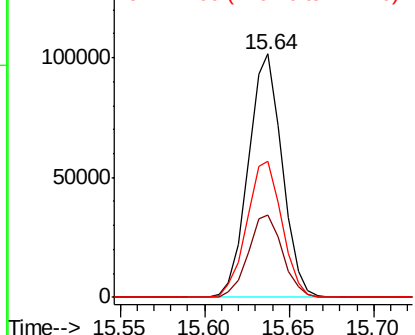
#61
 4-Chlorophenyl-phenylether
 Concen: 11.107 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG043875.D
 Acq: 2 Jan 2020 15:00

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 141330
 Ion Ratio Lower Upper
 204 100
 206 33.8 28.2 42.2
 141 55.9 48.2 72.2

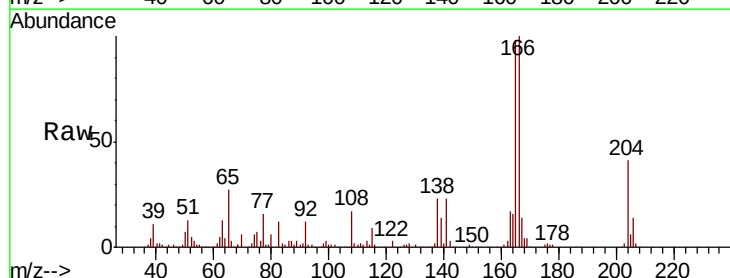


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

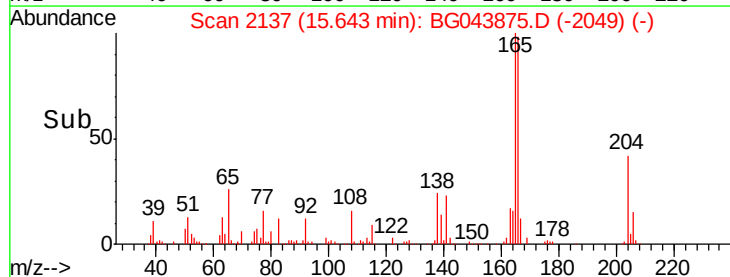
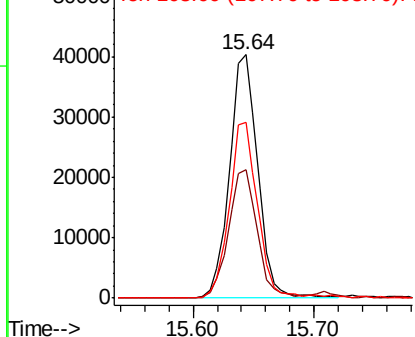


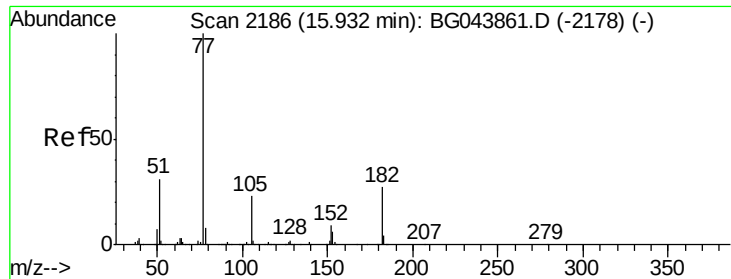
#62
 4-Nitroaniline
 Concen: 9.941 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BG043875.D
 Acq: 2 Jan 2020 15:00

Tgt Ion:138 Resp: 65798
 Ion Ratio Lower Upper
 138 100
 92 52.6 34.3 74.3
 108 72.4 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: 11.726 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 284017

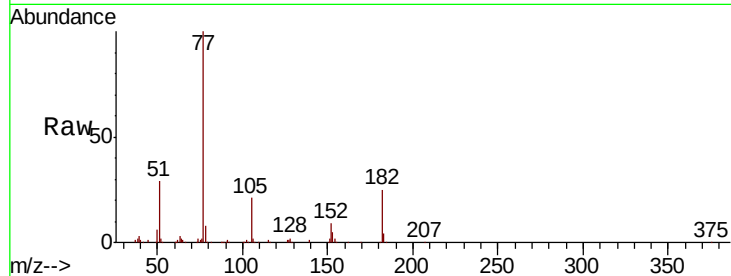
Ion	Ratio	Lower	Upper
77	100		
182	24.5	7.3	47.3
105	21.4	3.2	43.2
51	28.7	10.6	50.6

77 100

182 24.5 7.3 47.3

105 21.4 3.2 43.2

51 28.7 10.6 50.6

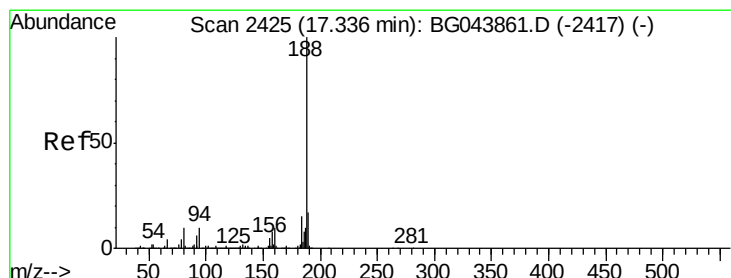
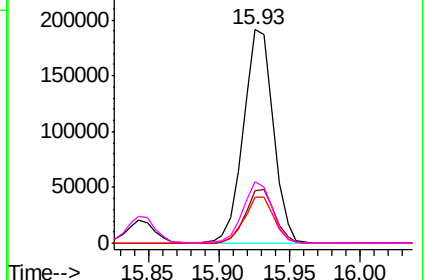
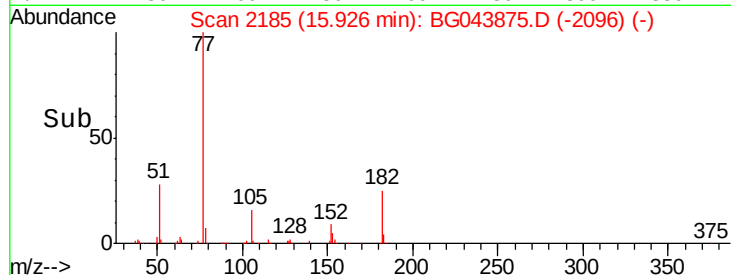


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

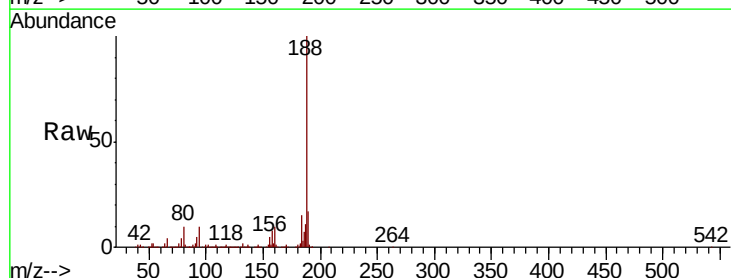
Tgt Ion: 188 Resp: 795059

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.9	11.9
80	10.2	8.2	12.4

188 100

94 9.9 7.9 11.9

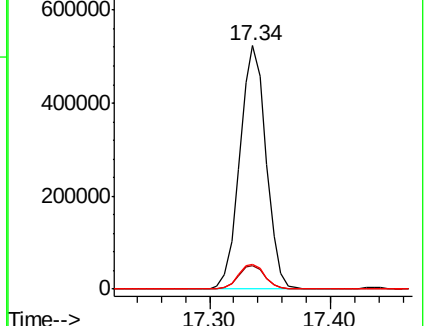
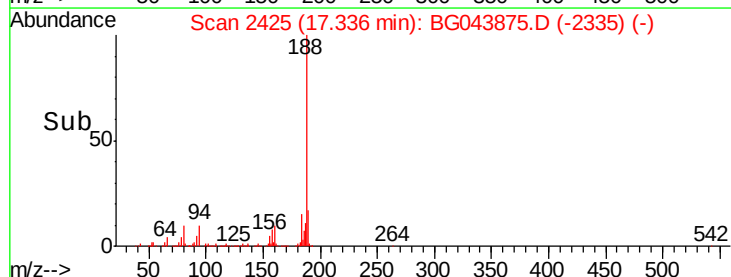
80 10.2 8.2 12.4

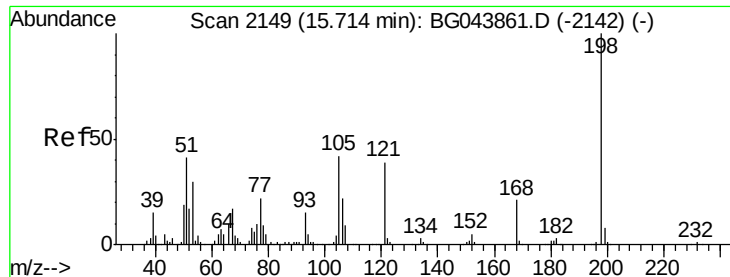


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

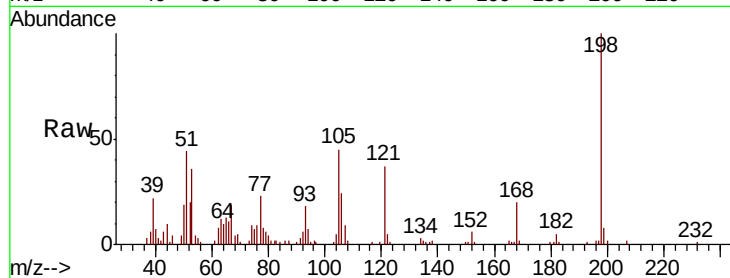




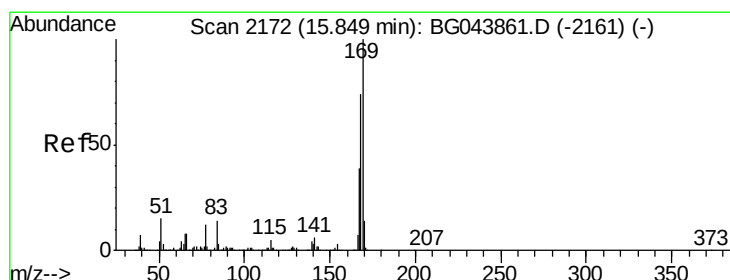
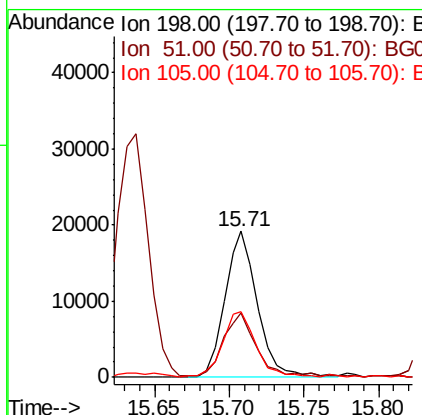
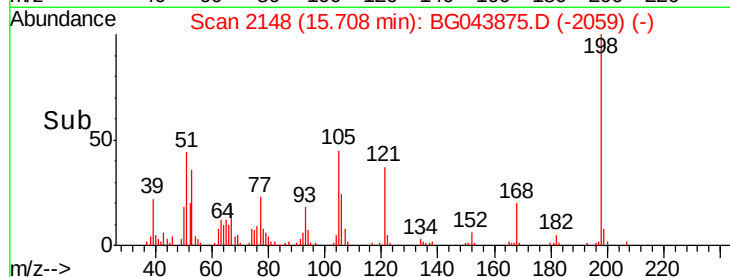
#65
4,6-Dinitro-2-methylphenol
Concen: 7.539 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	198	Resp	29150
Ion Ratio	100	Lower	Upper
51	44.1	22.5	62.5
105	45.2	22.3	62.3

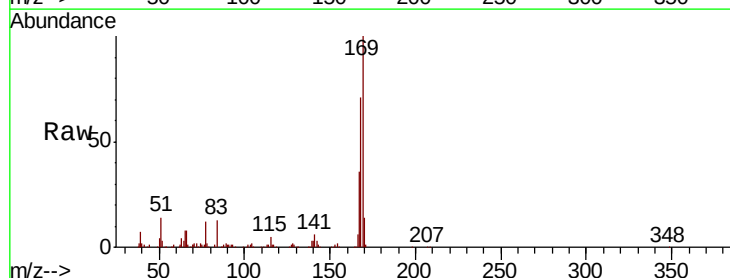


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

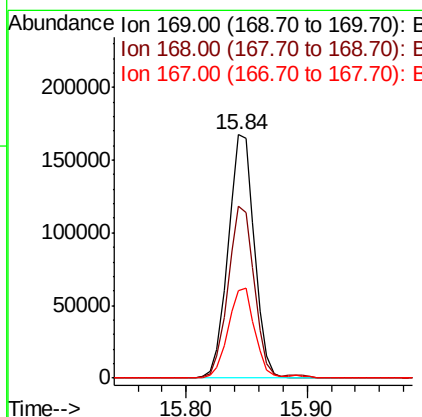
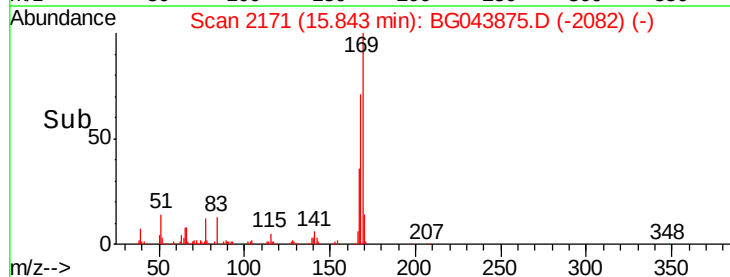


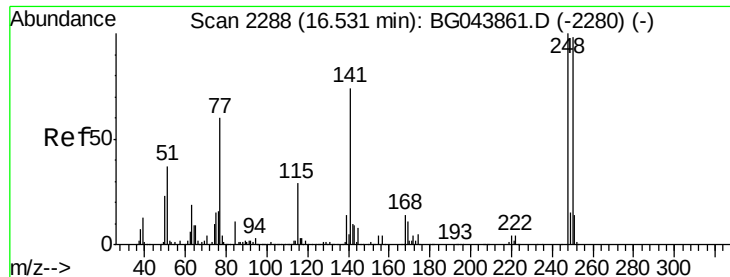
#66
n-Nitrosodiphenylamine
Concen: 10.755 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Tgt Ion	169	Resp	251820
Ion Ratio	100	Lower	Upper
168	70.8	59.0	88.6
167	35.9	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

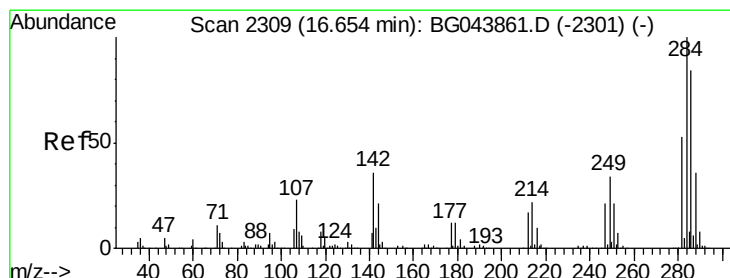
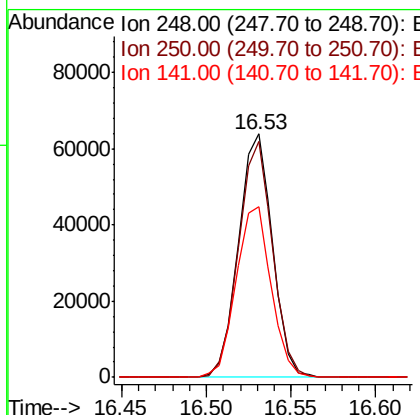
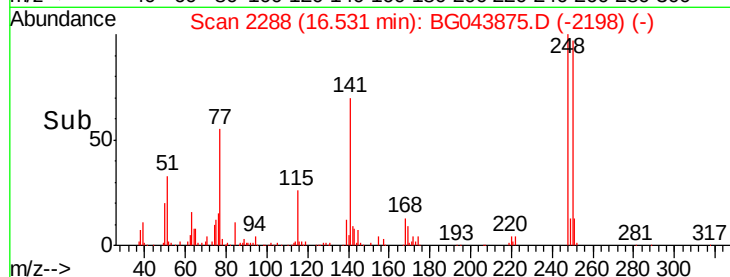
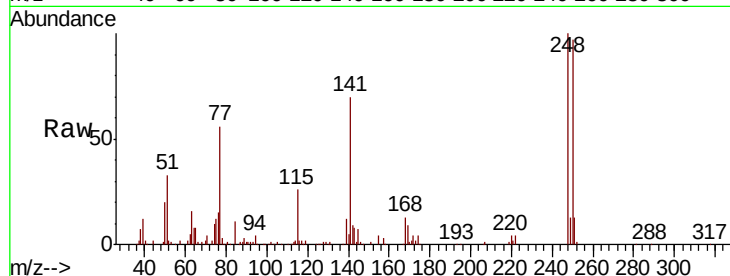




#67
4-Bromophenyl-phenylether
Concen: 9.951 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

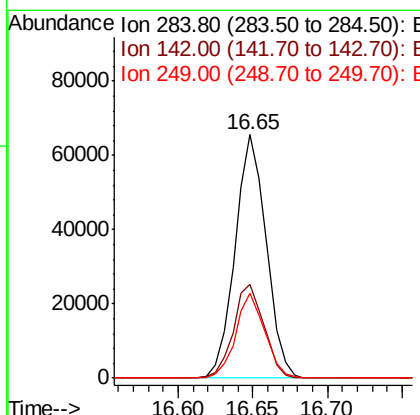
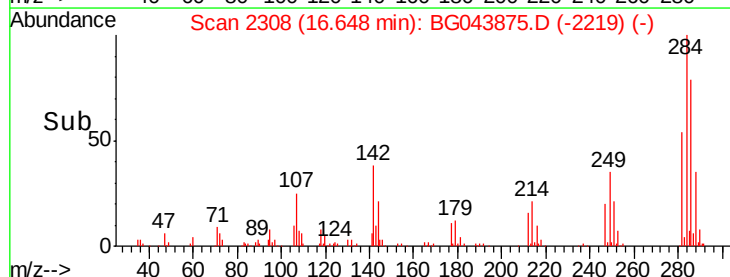
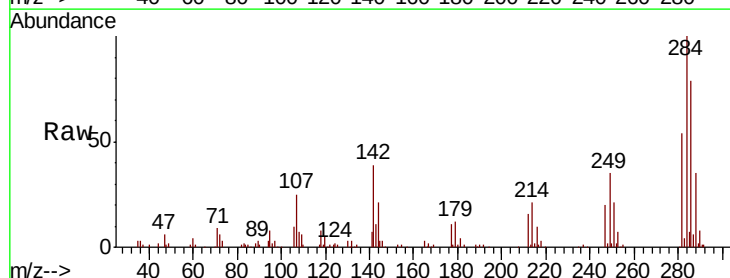
Instrument :
BNA_G
ClientSampleId :

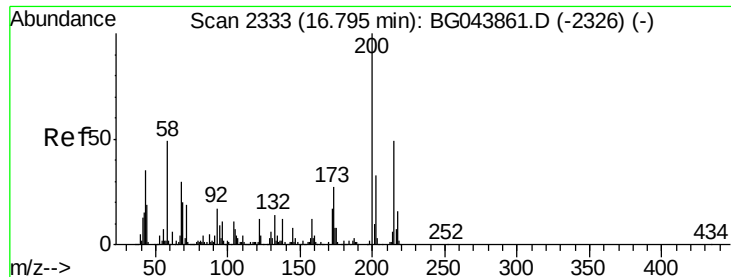
Tot Ion:248 Resp: 88981
Ion Ratio Lower Upper
248 100
250 96.8 78.2 117.2
141 70.3 59.3 88.9



#68
Hexachlorobenzene
Concen: 9.872 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Tgt Ion:284 Resp: 95120
Ion Ratio Lower Upper
284 100
142 38.7 28.6 43.0
249 34.8 27.0 40.6





#69

Atrazine

Concen: 10.193 ng

RT: 16.80 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

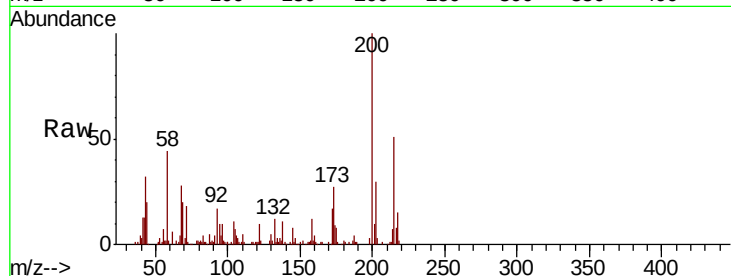
Tot Ion:200 Resp: 77575

Ion Ratio Lower Upper

200 100

173 27.0 6.6 46.6

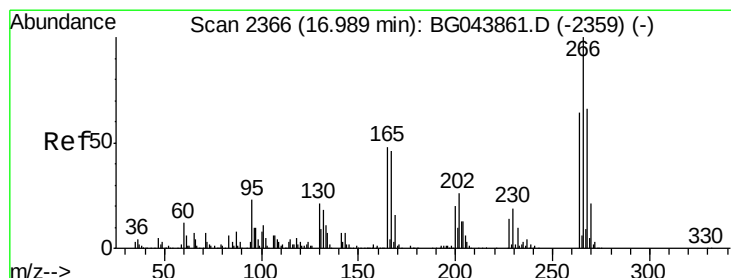
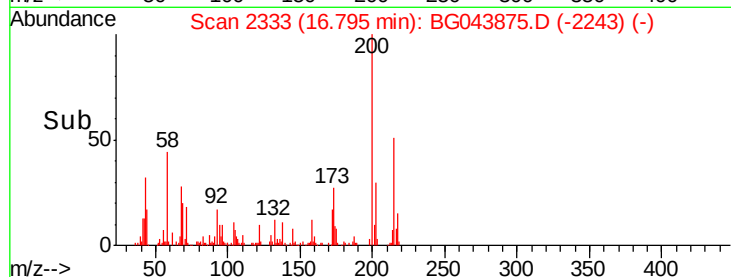
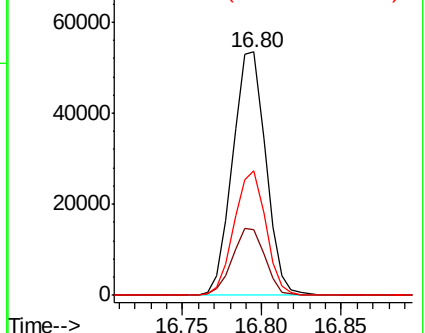
215 51.1 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 6.936 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.00 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

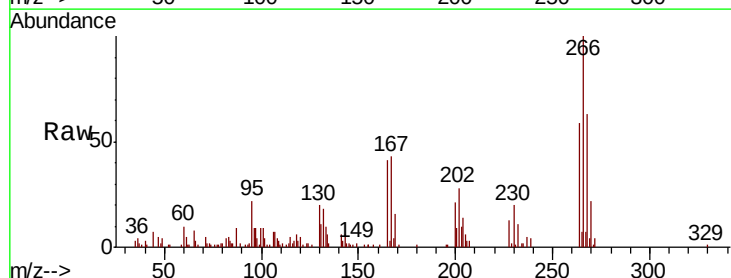
Tgt Ion:266 Resp: 36839

Ion Ratio Lower Upper

266 100

268 62.6 52.6 79.0

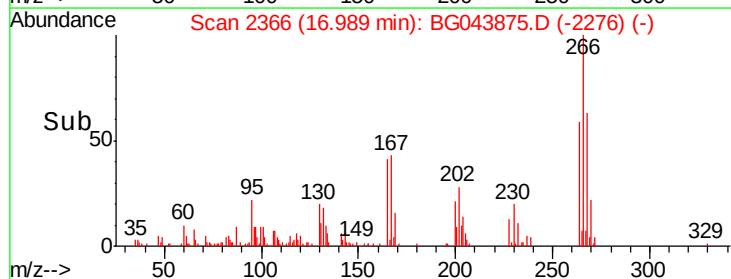
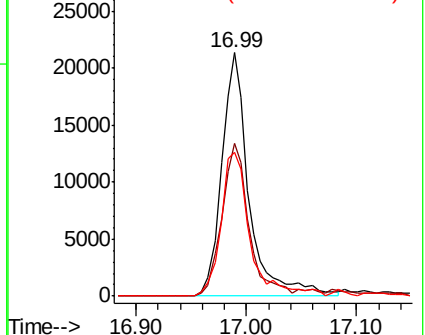
264 59.1 50.8 76.2

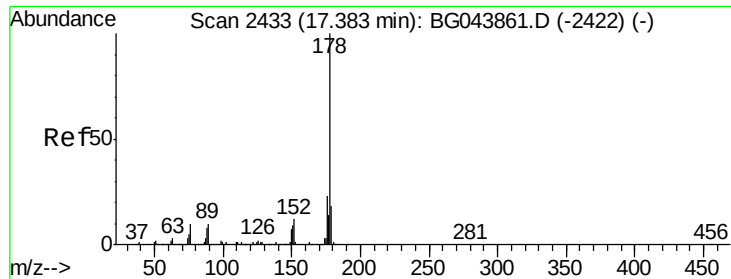


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

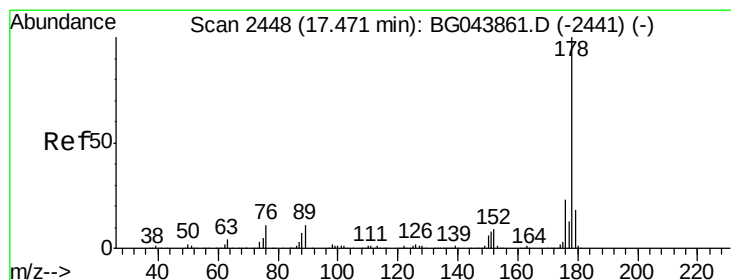
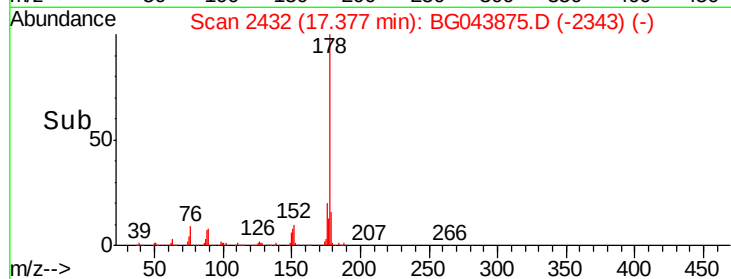
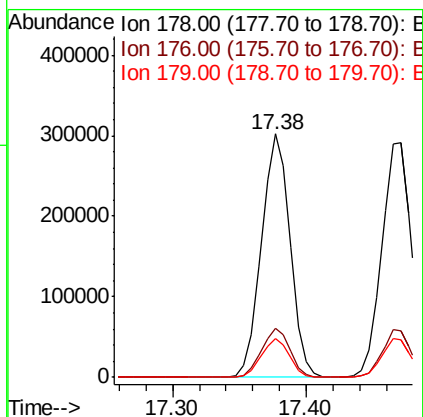
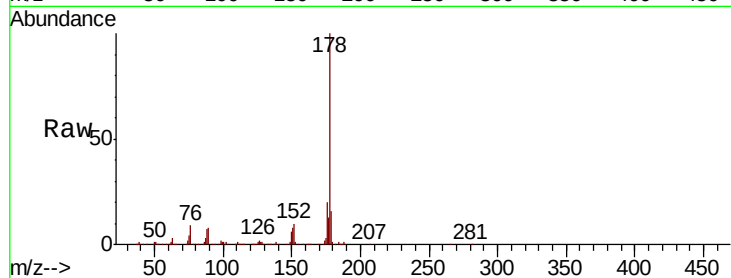




#71
Phenanthrene
Concen: 11.747 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

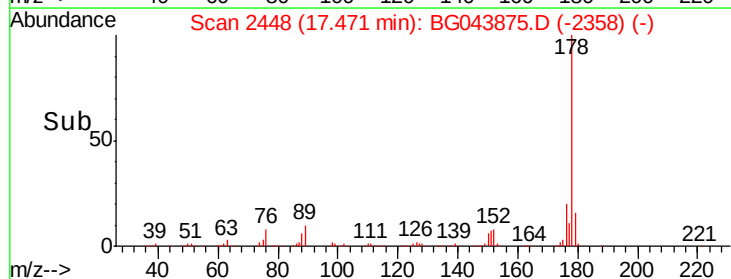
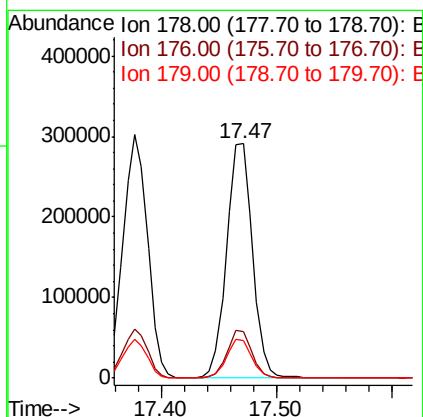
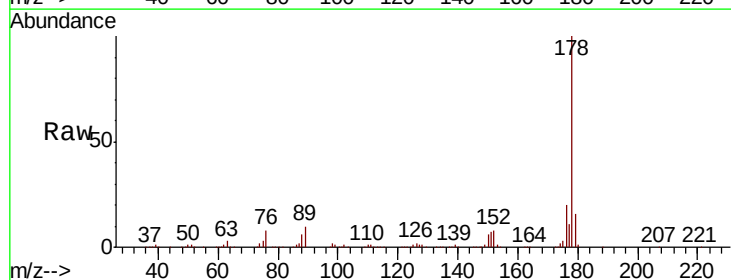
Instrument :
BNA_G
ClientSampleId :

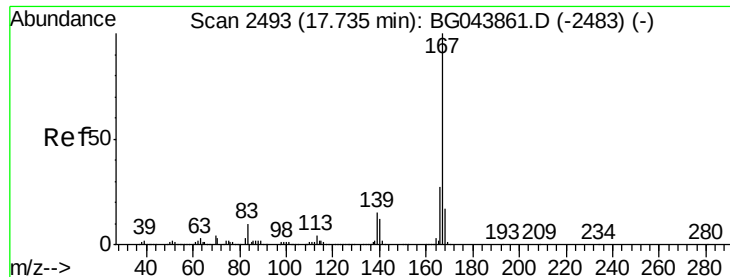
Tot Ion:178 Resp: 447962
Ion Ratio Lower Upper
178 100
176 20.0 18.6 28.0
179 15.9 14.4 21.6



#72
Anthracene
Concen: 11.951 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Tgt Ion:178 Resp: 450403
Ion Ratio Lower Upper
178 100
176 20.1 18.3 27.5
179 15.8 14.6 22.0

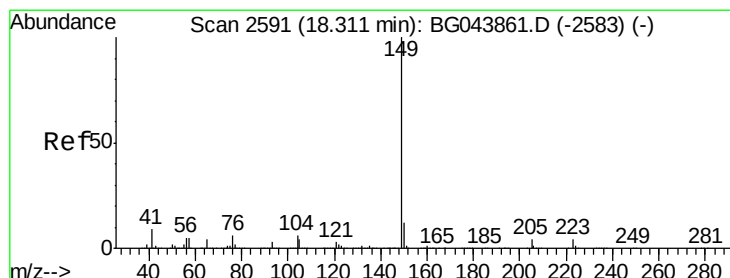
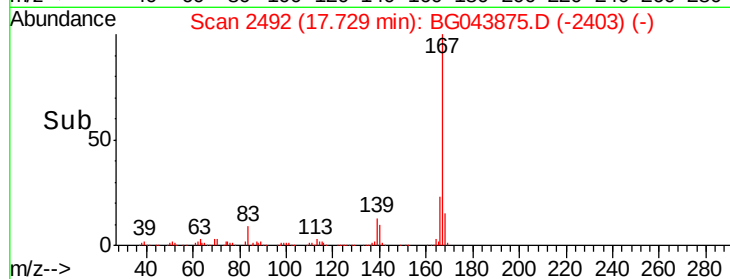
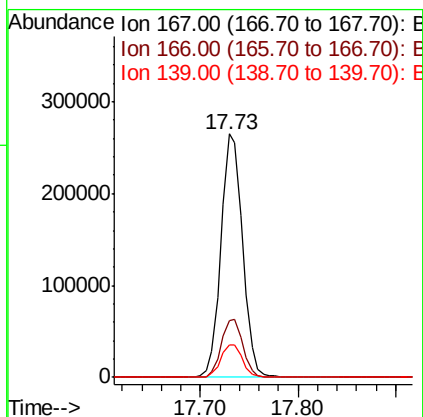
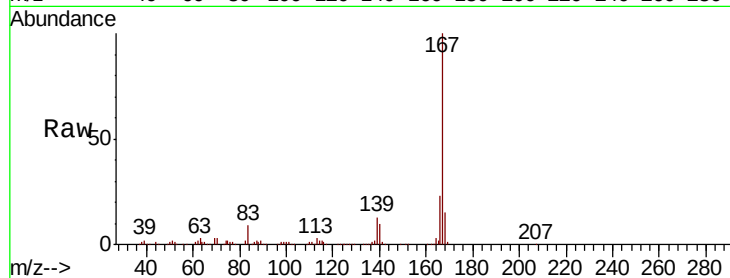




#73
 Carbazole
 Concen: 11.653 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.01 min
 Lab File: BG043875.D
 Acq: 2 Jan 2020 15:00

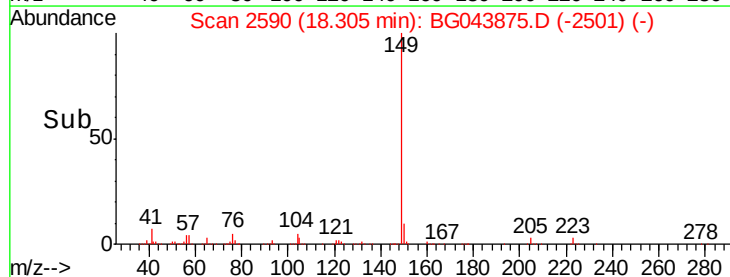
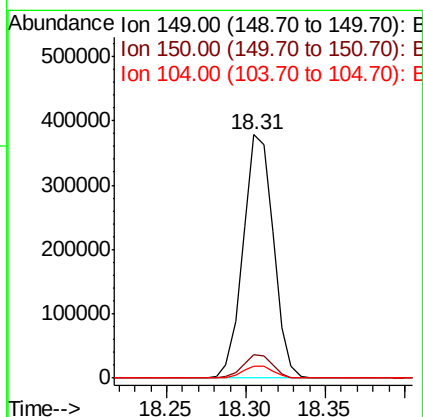
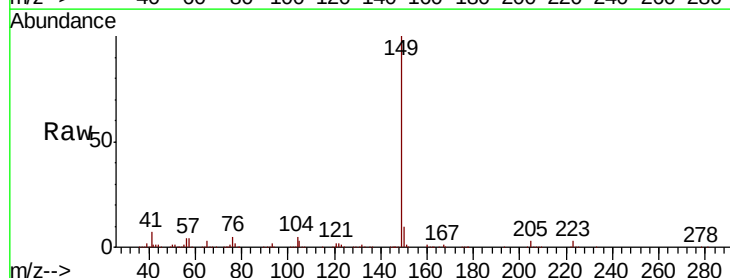
Instrument :
 BNA_G
 ClientSampleId :

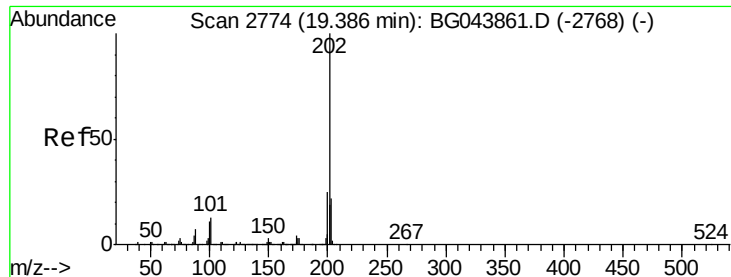
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	21.6	32.4
139	13.4	12.1	18.1



#74
 Di-n-butylphthalate
 Concen: 11.240 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.01 min
 Lab File: BG043875.D
 Acq: 2 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	9.7	14.5#
104	5.1	5.0	7.4





#75

Fluoranthene

Concen: 11.853 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

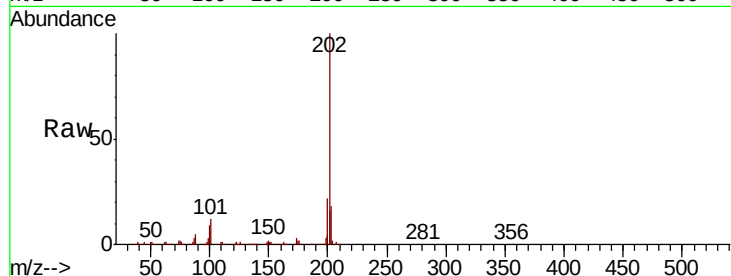
Tot Ion:202 Resp: 516956

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.3

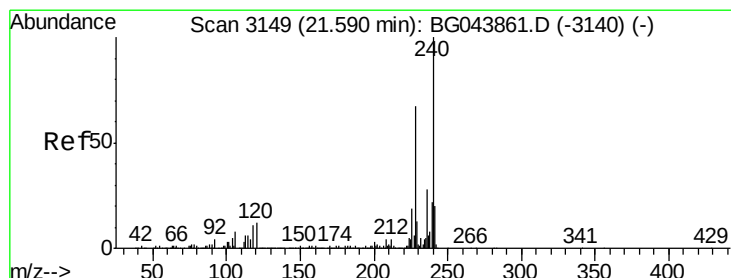
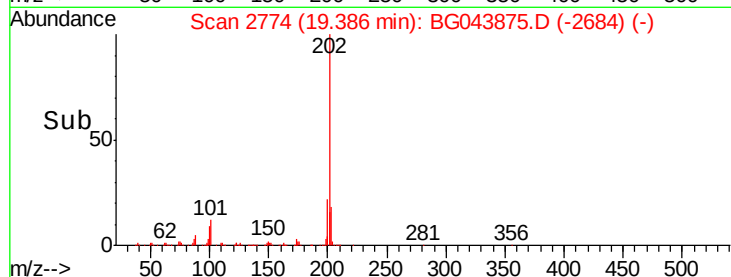
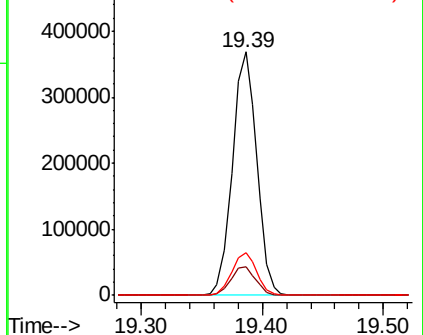
203 17.6 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

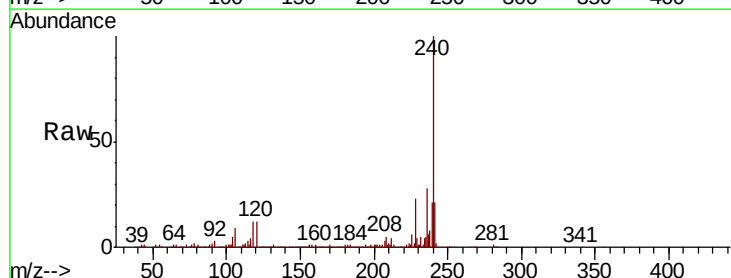
Tgt Ion:240 Resp: 692992

Ion Ratio Lower Upper

240 100

120 11.8 9.6 14.4

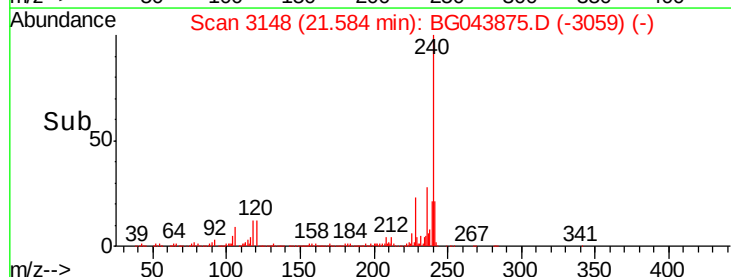
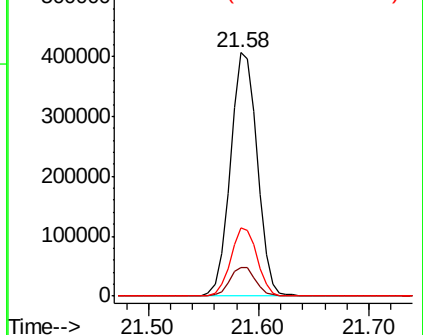
236 28.2 22.2 33.2

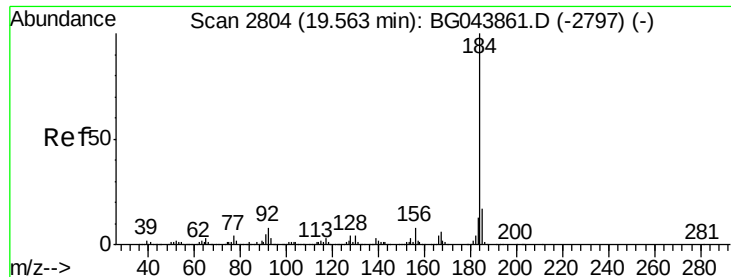


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.867 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

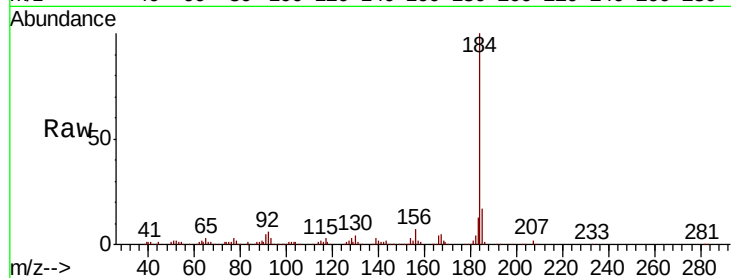
Tot Ion:184 Resp: 189293

Ion Ratio Lower Upper

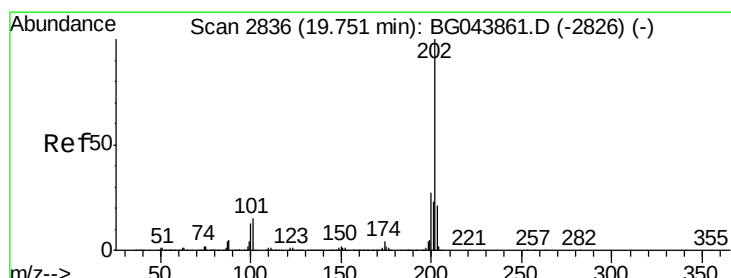
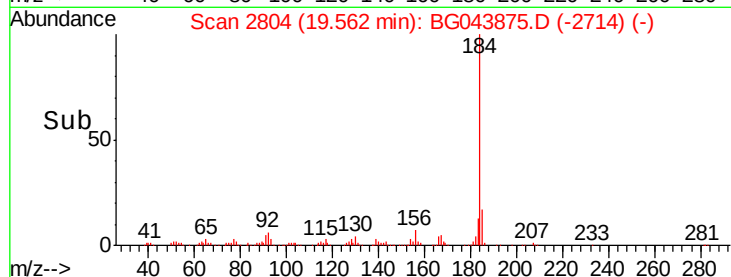
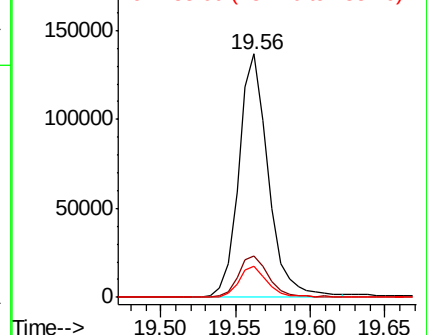
184 100

185 17.1 13.4 20.0

183 12.7 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 11.801 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

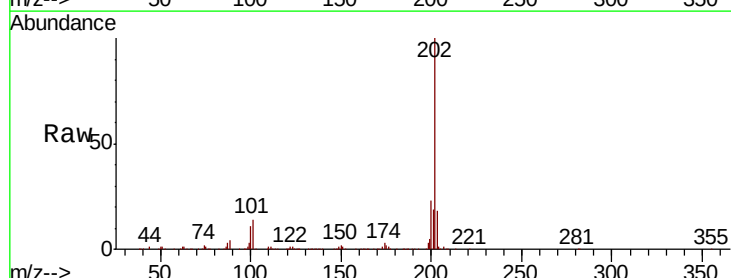
Tgt Ion:202 Resp: 533806

Ion Ratio Lower Upper

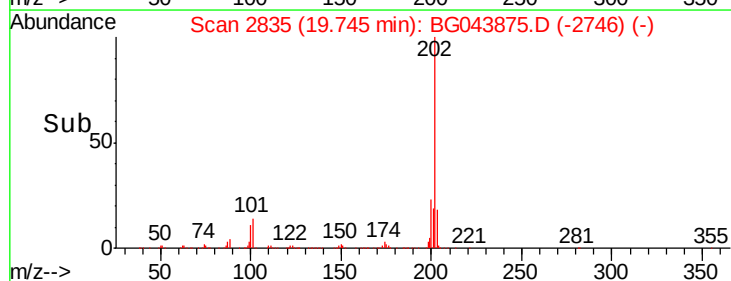
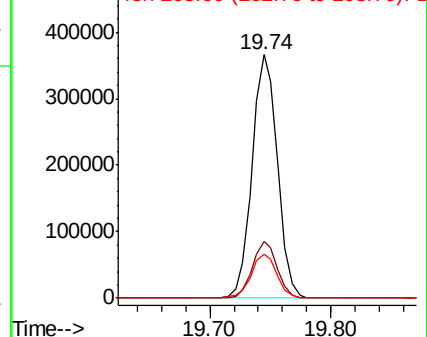
202 100

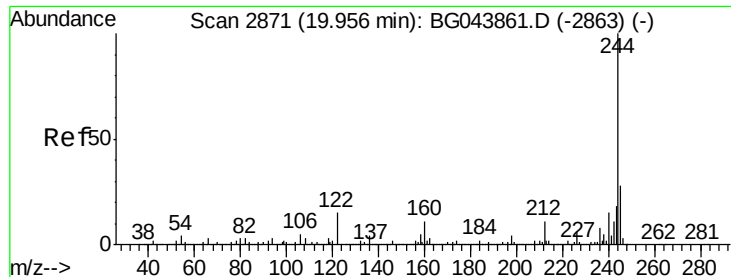
200 23.2 21.7 32.5

203 18.0 17.0 25.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

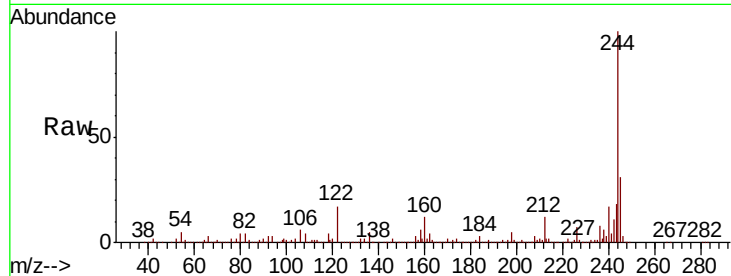




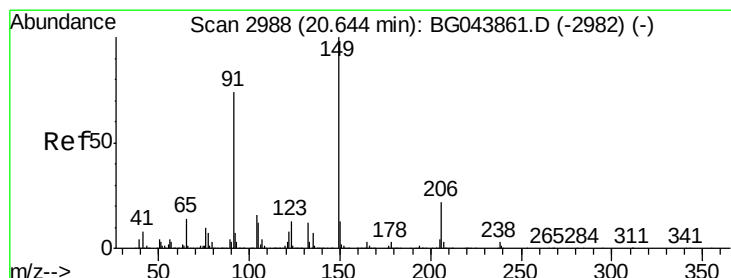
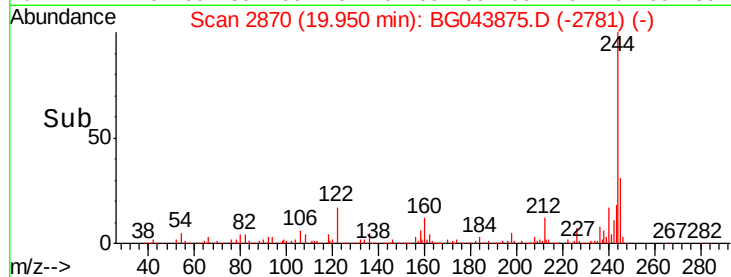
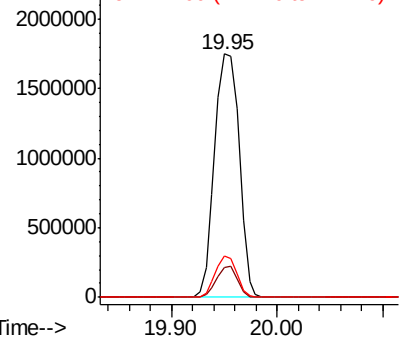
#79
 Terphenyl-d14
 Concen: 98.021 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.01 min
 Lab File: BG043875.D
 Acq: 2 Jan 2020 15:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 2813736
 Ion Ratio Lower Upper
 244 100
 212 12.3 8.6 13.0
 122 17.2 11.9 17.9

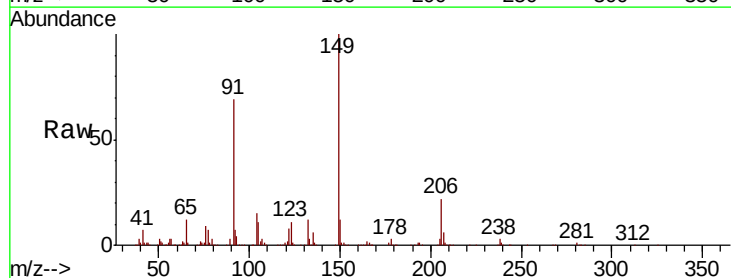


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

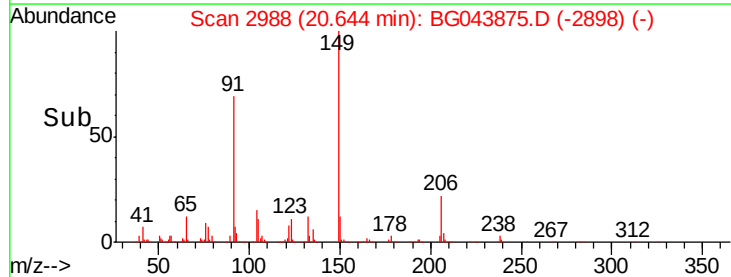
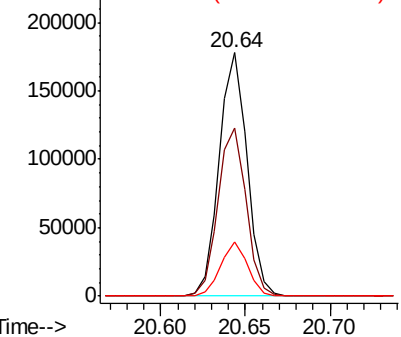


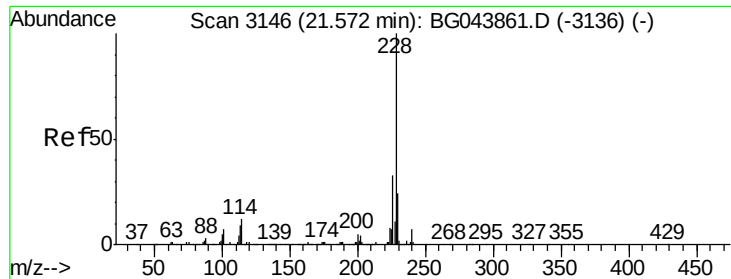
#80
 Butylbenzylphthalate
 Concen: 9.461 ng
 RT: 20.64 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: BG043875.D
 Acq: 2 Jan 2020 15:00

Tgt Ion:149 Resp: 203754
 Ion Ratio Lower Upper
 149 100
 91 68.8 59.5 89.3
 206 22.4 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 11.381 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

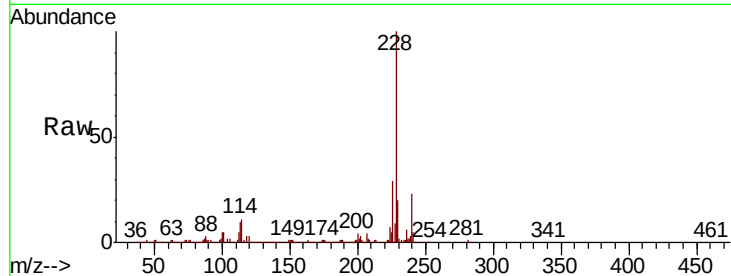
Tot Ion:228 Resp: 489055

Ion Ratio Lower Upper

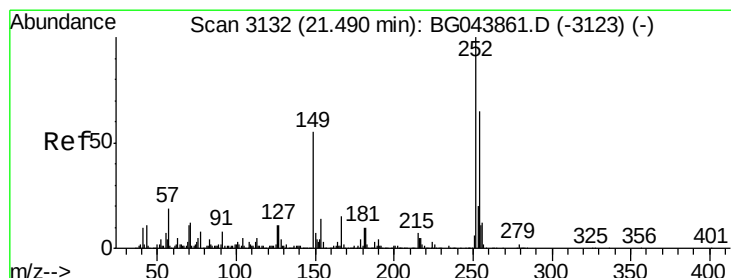
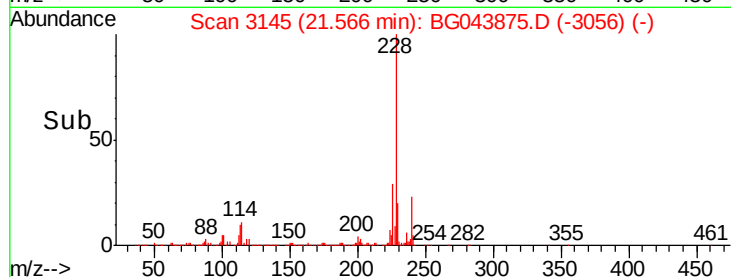
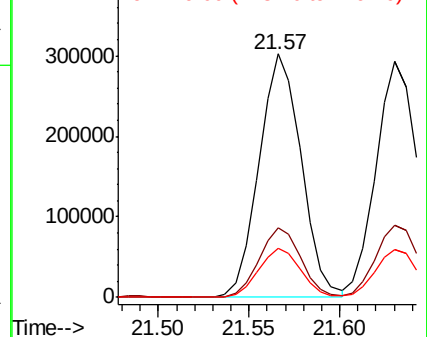
228 100

226 28.6 26.2 39.4

229 20.3 18.9 28.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 10.350 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

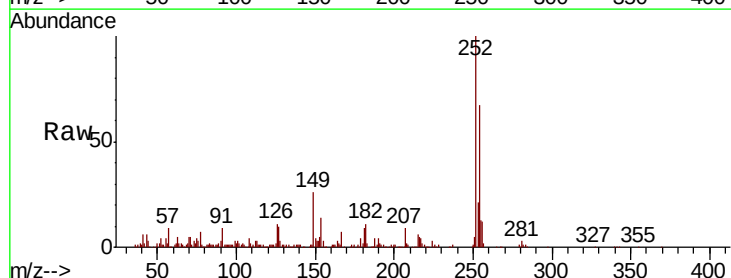
Tgt Ion:252 Resp: 175700

Ion Ratio Lower Upper

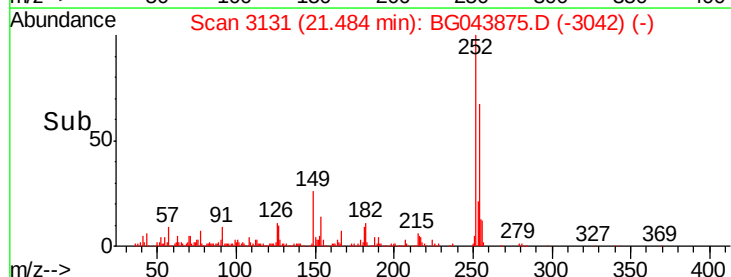
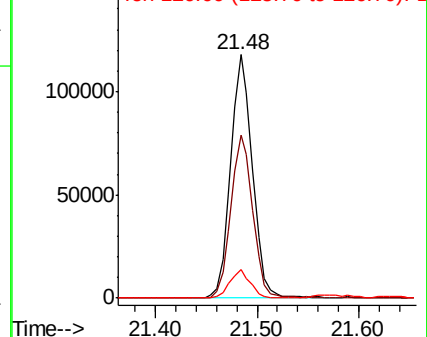
252 100

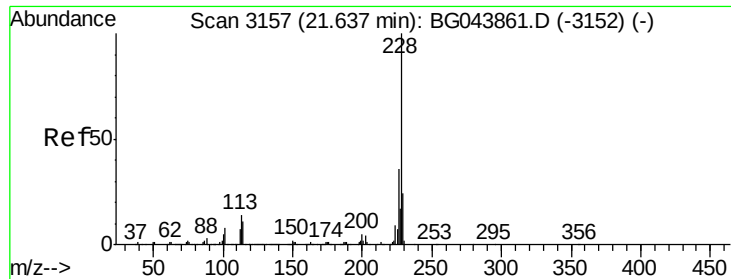
254 67.0 52.1 78.1

126 11.5 9.1 13.7



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

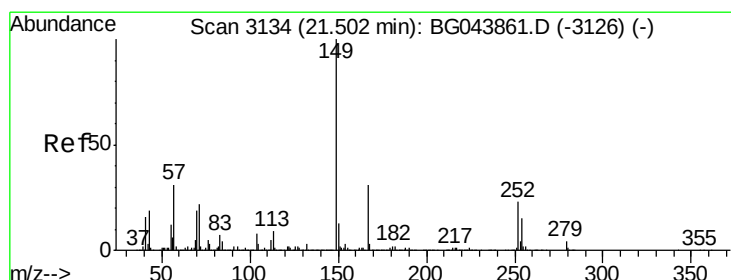
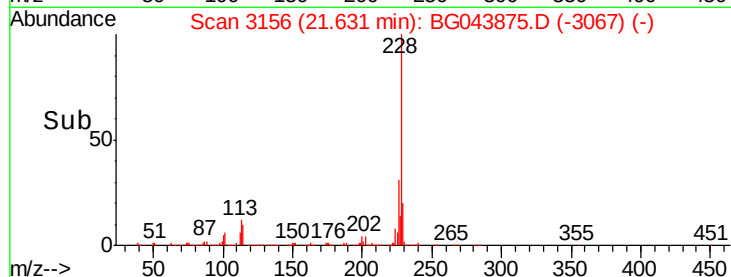
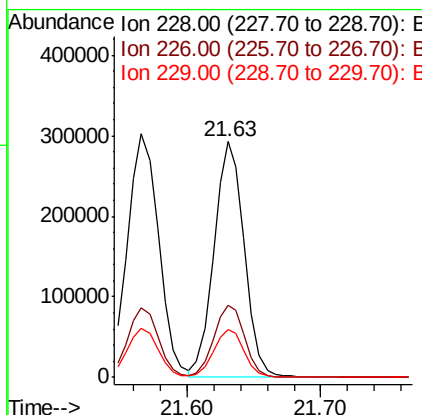
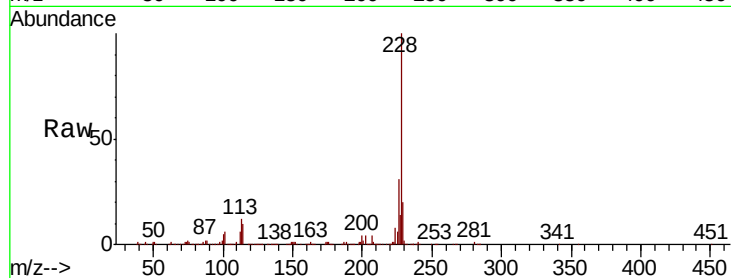




#83
 Chrysene
 Concen: 11.333 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG043875.D
 Acq: 2 Jan 2020 15:00

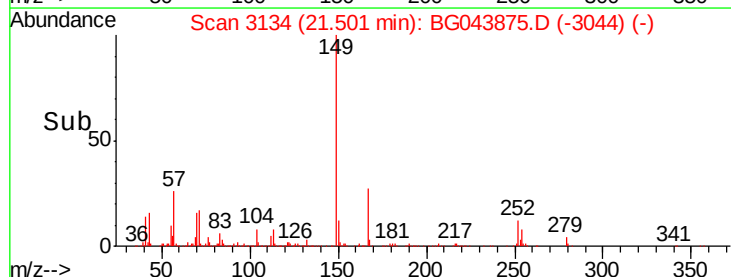
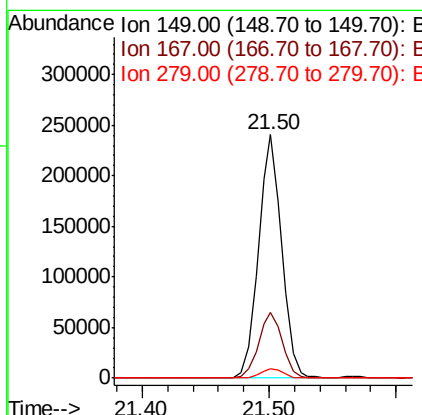
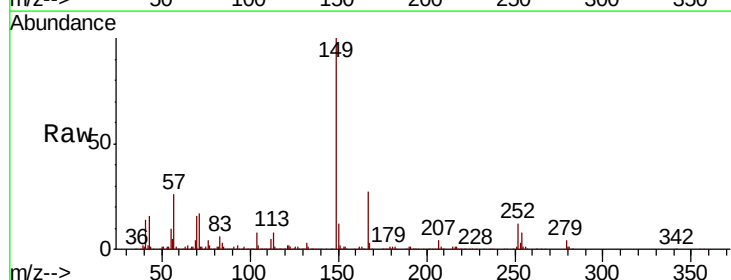
Instrument :
 BNA_G
 ClientSampleId :

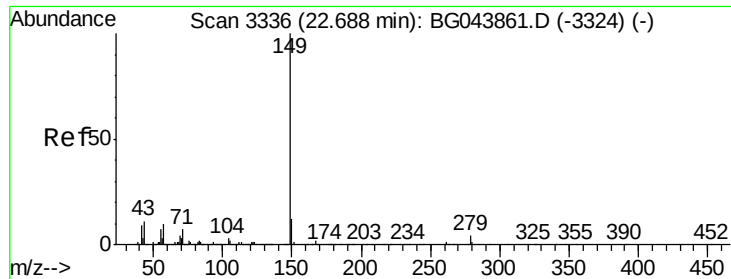
Tot Ion:228 Resp: 462717
 Ion Ratio Lower Upper
 228 100
 226 30.8 28.8 43.2
 229 20.4 19.0 28.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.346 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BG043875.D
 Acq: 2 Jan 2020 15:00

Tgt Ion:149 Resp: 307437
 Ion Ratio Lower Upper
 149 100
 167 27.0 24.7 37.1
 279 3.6 3.3 4.9

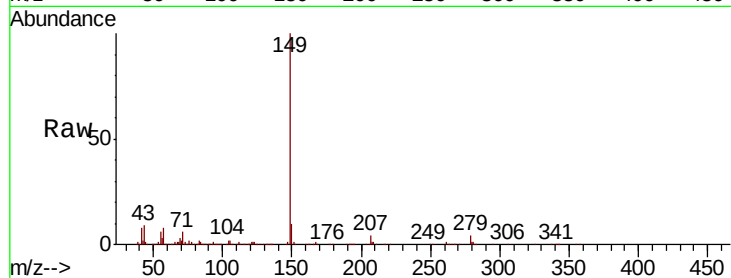




#85
Di-n-octyl phthalate
Concen: 10.058 ng
RT: 22.69 min Scan# 3336
Delta R.T. -0.00 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.6	8.8	13.2

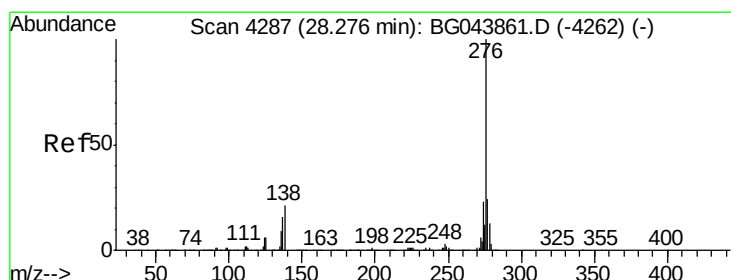
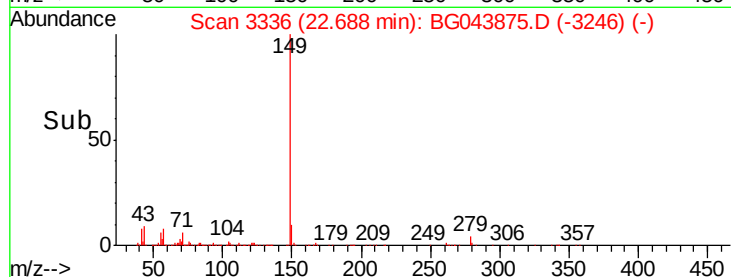
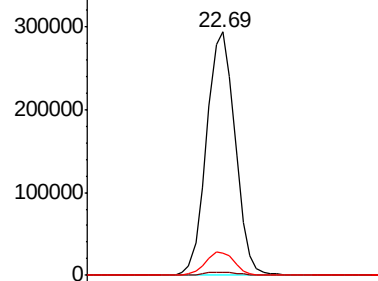


Abundance

Ion 149.00 (148.70 to 149.70): E

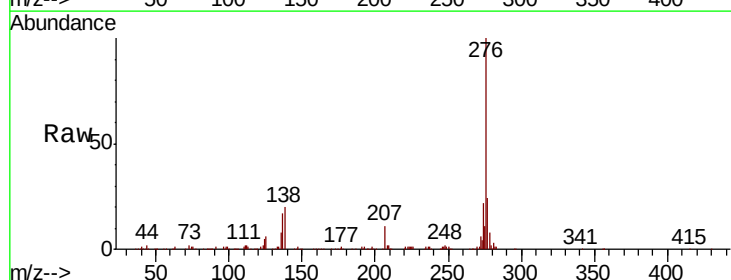
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 9.662 ng
RT: 28.25 min Scan# 4282
Delta R.T. -0.03 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	21.0	31.4#
277	25.8	21.1	31.7

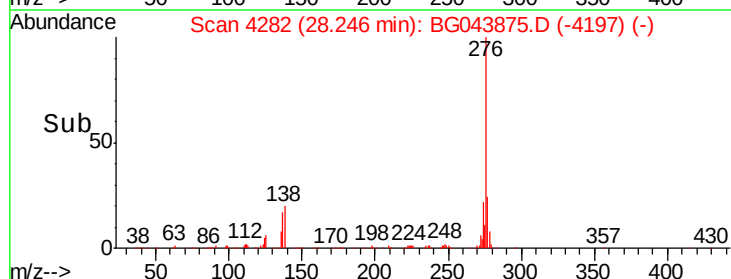
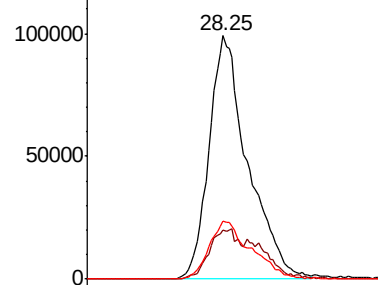


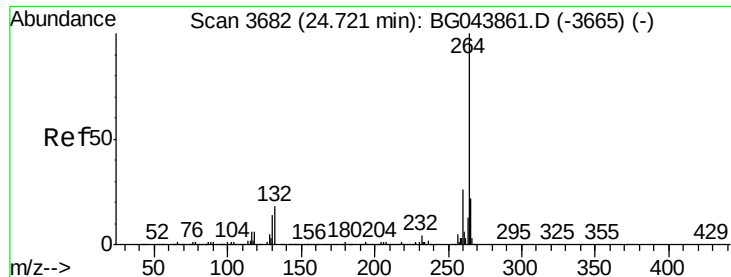
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

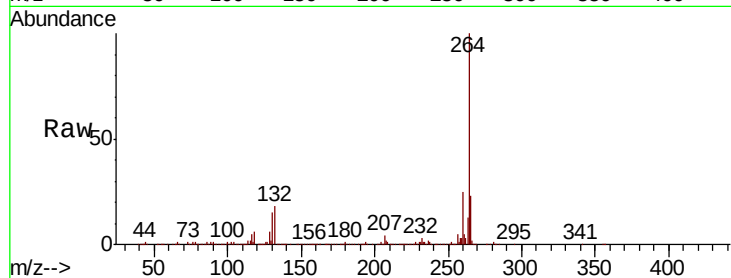
Tot Ion:264 Resp: 766597

Ion Ratio Lower Upper

264 100

260 24.7 20.4 30.6

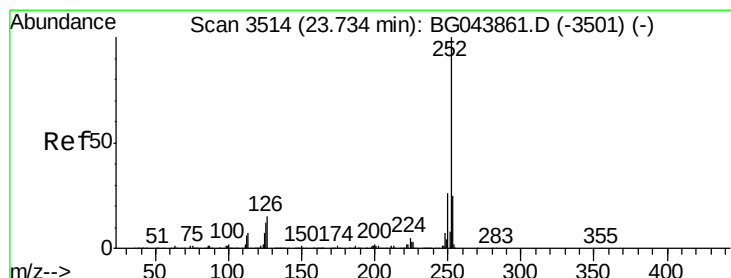
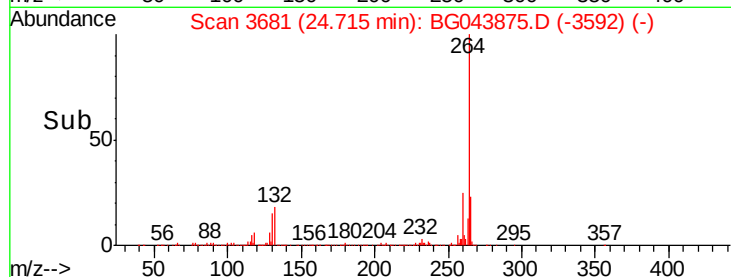
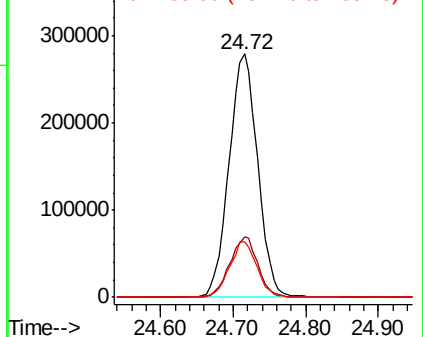
265 22.9 17.4 26.2



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: 10.686 ng

RT: 23.73 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

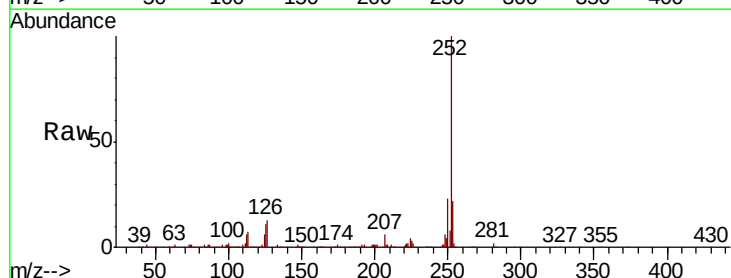
Tgt Ion:252 Resp: 484261

Ion Ratio Lower Upper

252 100

253 22.1 19.7 29.5

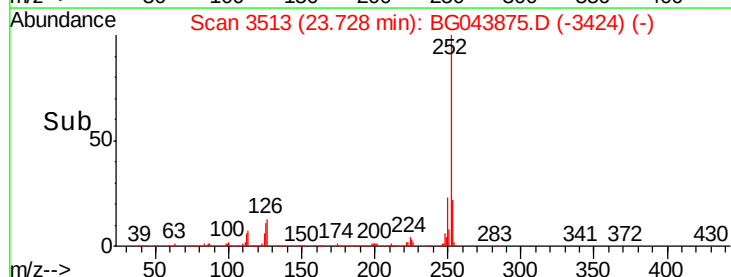
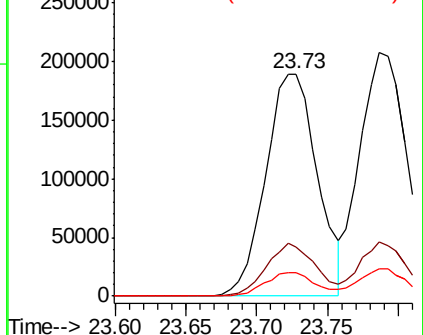
125 10.6 9.4 14.2

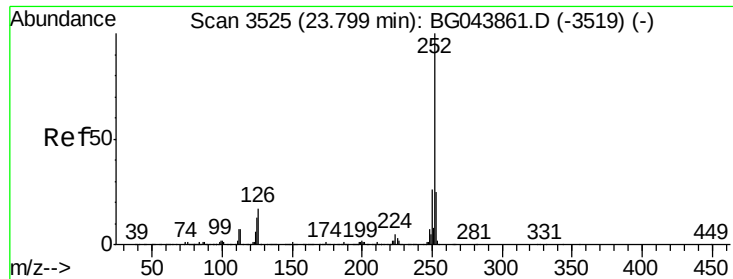


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 11.288 ng

RT: 23.79 min Scan# 3523

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

Instrument :

BNA_G

ClientSampleId :

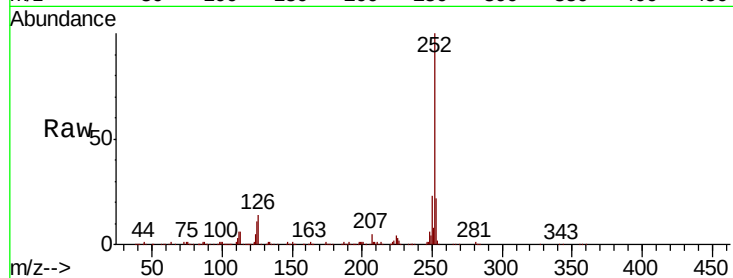
Tot Ion:252 Resp: 486446

Ion Ratio Lower Upper

252 100

253 22.4 19.4 29.2

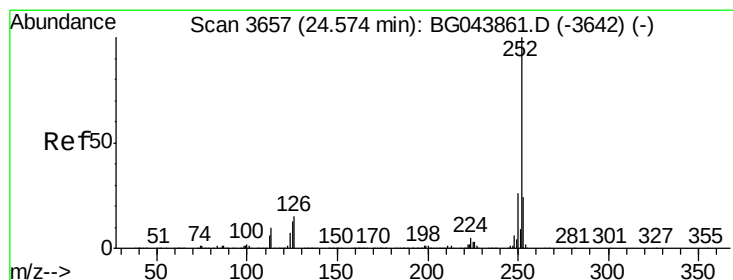
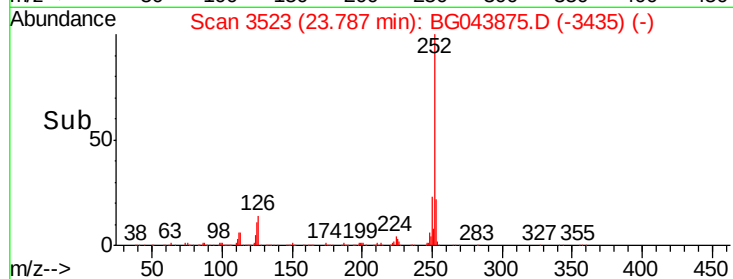
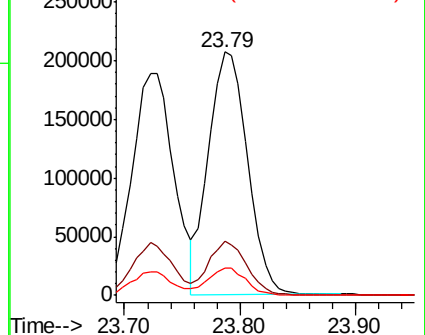
125 11.1 9.9 14.9



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: 10.316 ng

RT: 24.56 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BG043875.D

Acq: 2 Jan 2020 15:00

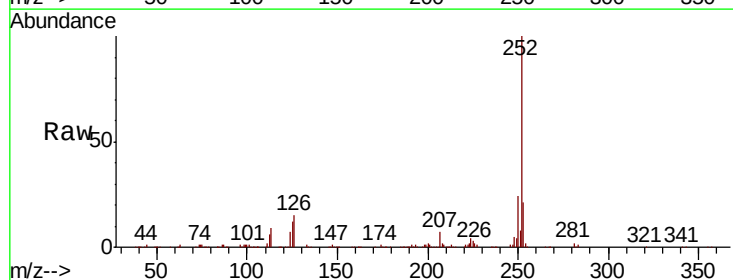
Tgt Ion:252 Resp: 441239

Ion Ratio Lower Upper

252 100

253 20.8 19.3 28.9

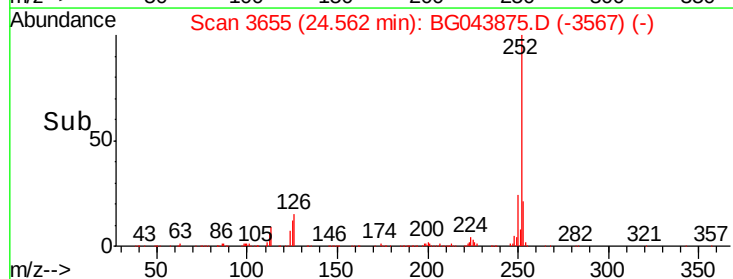
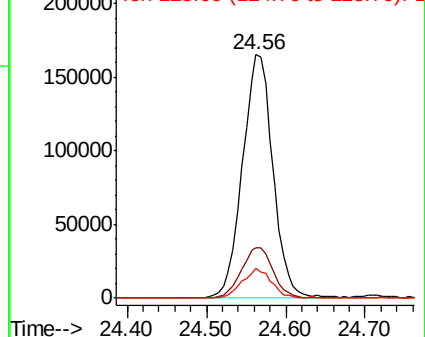
125 12.0 10.4 15.6

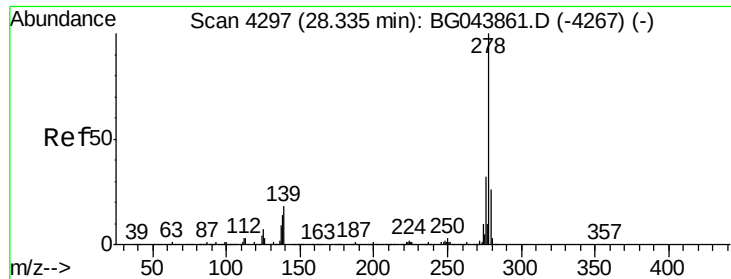


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

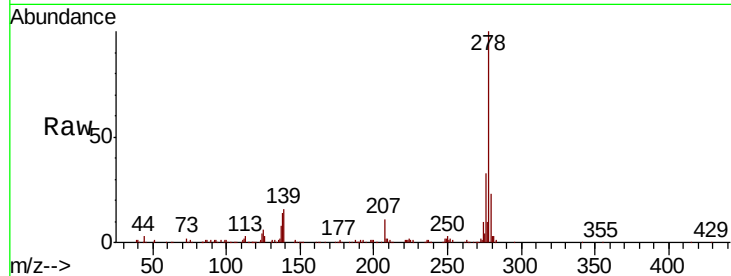




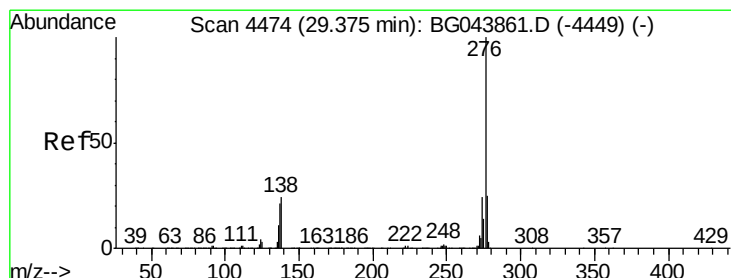
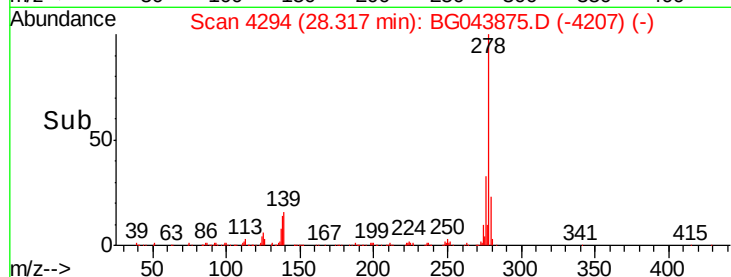
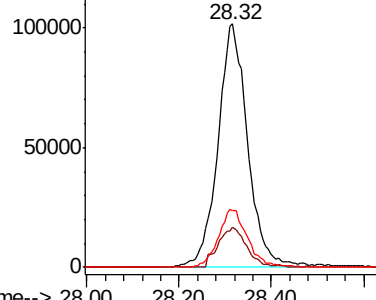
#91
Dibenzo(a,h)anthracene
Concen: 10.594 ng
RT: 28.32 min Scan# 4294
Delta R.T. -0.02 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	14.2	21.4
279	23.1	20.6	30.8

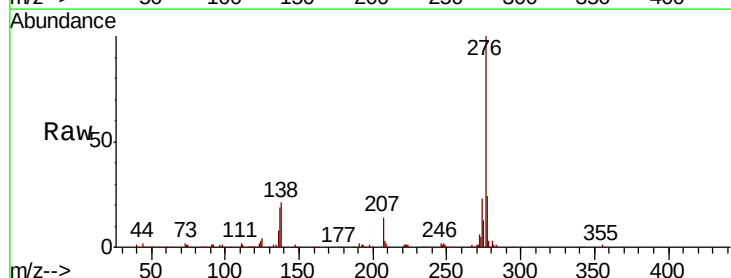


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 10.407 ng
RT: 29.35 min Scan# 4469
Delta R.T. -0.03 min
Lab File: BG043875.D
Acq: 2 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.2	30.4
138	21.4	19.0	28.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

