

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010220\
 Data File : BG043879.D
 Acq On : 2 Jan 2020 17:36
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 02 18:15:59 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	139301	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	586441	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	381798	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	786716	20.00	ng	0.00
76) Chrysene-d12	21.59	240	682662	20.00	ng	0.00
87) Perylene-d12	24.72	264	788100	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	624916	82.37	ng	0.00
7) Phenol-d6	7.12	99	865638	81.63	ng	0.00
23) Nitrobenzene-d5	9.12	82	839605	76.59	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	330493	82.72	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1760744	83.55	ng	0.00
79) Terphenyl-d14	19.95	244	2327567	82.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	133918	40.484	ng	99
3) Pyridine	3.83	79	406196	41.566	ng	95
4) n-Nitrosodimethylamine	3.75	42	172973	39.757	ng	99
6) Aniline	7.28	93	549544	39.453	ng	99
8) 2-Chlorophenol	7.53	128	355867	39.955	ng	99
9) Benzaldehyde	7.09	77	254320	37.470	ng	97
10) Phenol	7.15	94	439561	40.229	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	377034	39.976	ng	99
12) 1,3-Dichlorobenzene	7.85	146	421274	40.419	ng	98
13) 1,4-Dichlorobenzene	8.00	146	421054	40.944	ng	98
14) 1,2-Dichlorobenzene	8.32	146	399666	40.490	ng	99
15) Benzyl Alcohol	8.20	79	329612	39.382	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	577053	39.547	ng	99
17) 2-Methylphenol	8.40	107	314098	39.724	ng	97
18) Hexachloroethane	9.05	117	160386	40.081	ng	95
19) n-Nitroso-di-n-propylamine	8.77	70	310850	39.360	ng	97
20) 3+4-Methylphenols	8.73	107	436380	39.562	ng	99
22) Acetophenone	8.78	105	578593	39.686	ng	99
24) Nitrobenzene	9.16	77	424196	39.070	ng	98
25) Isophorone	9.69	82	809342	39.352	ng	100
26) 2-Nitrophenol	9.87	139	197318	38.413	ng	97
27) 2,4-Dimethylphenol	9.94	122	301380	38.976	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	544377	39.703	ng	98
29) 2,4-Dichlorophenol	10.41	162	362491	39.301	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	417954	40.414	ng	99
31) Naphthalene	10.81	128	1146952	40.416	ng	99
32) Benzoic acid	10.07	122	194577	33.719	ng	93
33) 4-Chloroaniline	10.91	127	524997	38.786	ng	96
34) Hexachlorobutadiene	11.11	225	252593	40.004	ng	97
35) Caprolactam	11.68	113	136532	39.764	ng	97
36) 4-Chloro-3-methylphenol	12.04	107	391353	39.857	ng	97
37) 2-Methylnaphthalene	12.42	142	850762	39.820	ng	97
38) 1-Methylnaphthalene	12.64	142	808996	39.952	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	435059	38.877	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	229004	39.473	ng	99
43) 2,4,6-Trichlorophenol	13.02	196	297879	38.686	ng	99
44) 2,4,5-Trichlorophenol	13.10	196	309050	38.915	ng	98
46) 1,1'-Biphenyl	13.43	154	1106295	40.414	ng	99
47) 2-Chloronaphthalene	13.47	162	875371	39.574	ng	99
48) 2-Nitroaniline	13.66	65	275013	38.650	ng	98
49) Acenaphthylene	14.32	152	1290557	40.592	ng	99
50) Dimethylphthalate	14.05	163	1101869	40.646	ng	99
51) 2,6-Dinitrotoluene	14.16	165	238787	38.971	ng	97
52) Acenaphthene	14.66	154	888982	39.871	ng	98
53) 3-Nitroaniline	14.49	138	276814	39.783	ng	100
54) 2,4-Dinitrophenol	14.69	184	106266	38.471	ng	98
55) Dibenzofuran	14.99	168	1251661	40.780	ng	99
56) 4-Nitrophenol	14.79	139	219515	41.169	ng	99
57) 2,4-Dinitrotoluene	14.94	165	334461	40.116	ng	93
58) Fluorene	15.64	166	994782	40.891	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	271671	39.783	ng	99
60) Diethylphthalate	15.41	149	1114800	41.115	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	528864	40.036	ng	98
62) 4-Nitroaniline	15.65	138	282558	41.122	ng	96
63) Azobenzene	15.93	77	1033819	41.113	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	150970	39.457	ng	97
66) n-Nitrosodiphenylamine	15.85	169	910743	39.311	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	344571	38.943	ng	99
68) Hexachlorobenzene	16.65	284	373936	39.221	ng	98
69) Atrazine	16.80	200	309098	41.045	ng	98
70) Pentachlorophenol	16.99	266	213792	40.678	ng	97
71) Phenanthrene	17.38	178	1551175	41.107	ng	100
72) Anthracene	17.47	178	1547159	41.487	ng	99
73) Carbazole	17.74	167	1441033	41.832	ng	100
74) Di-n-butylphthalate	18.31	149	1820307	41.388	ng	99
75) Fluoranthene	19.39	202	1774870	41.128	ng	100
77) Benzidine	19.56	184	732681	42.699	ng	97
78) Pyrene	19.74	202	1785415	40.068	ng	99
80) Butylbenzylphthalate	20.64	149	841645	39.673	ng	97
81) Benzo(a)anthracene	21.57	228	1731729	40.910	ng	99
82) 3,3'-Dichlorobenzidine	21.49	252	673979	40.301	ng	99
83) Chrysene	21.64	228	1660996	41.296	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1186790	40.543	ng	100
85) Di-n-octyl phthalate	22.69	149	2028085	41.212	ng	99
86) Indeno(1,2,3-cd)pyrene	28.26	276	2163951	39.588	ng	# 93
88) Benzo(b)fluoranthene	23.73	252	1851734	39.745	ng	99
89) Benzo(k)fluoranthene	23.80	252	1776530	40.098	ng	98
90) Benzo(a)pyrene	24.57	252	1749195	39.779	ng	99
91) Dibenzo(a,h)anthracene	28.33	278	1756631	39.777	ng	99
92) Benzo(g,h,i)perylene	29.37	276	1721042	39.233	ng	99

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

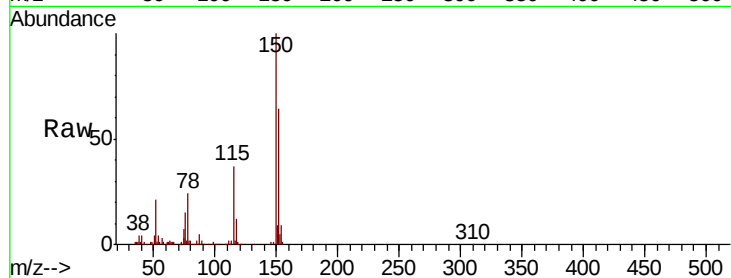


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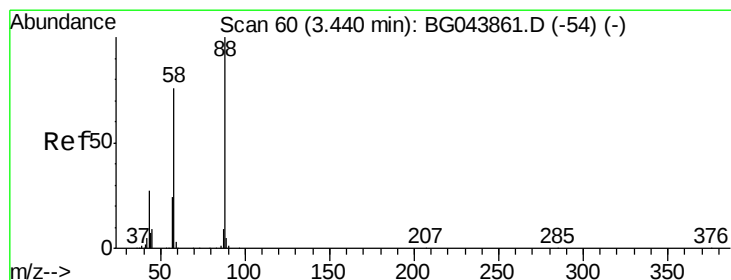
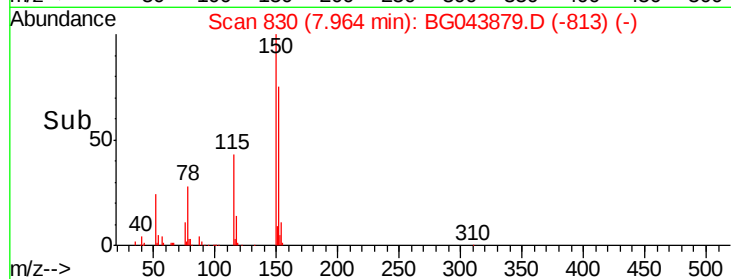
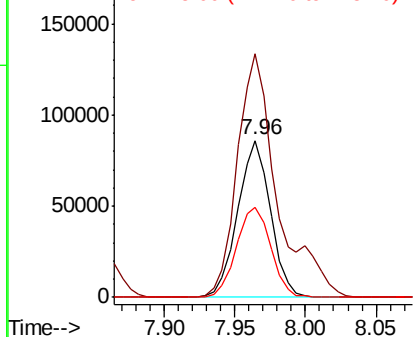
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 139301
Ion Ratio Lower Upper
152 100
150 155.1 127.0 190.4
115 57.6 47.8 71.8



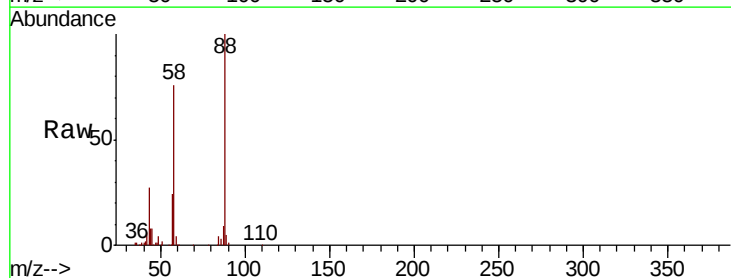
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



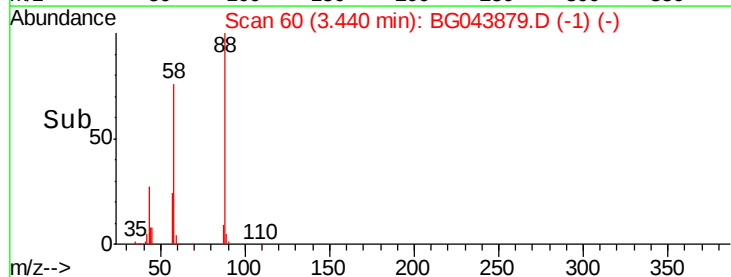
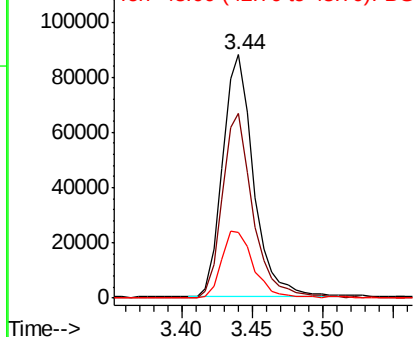
#2

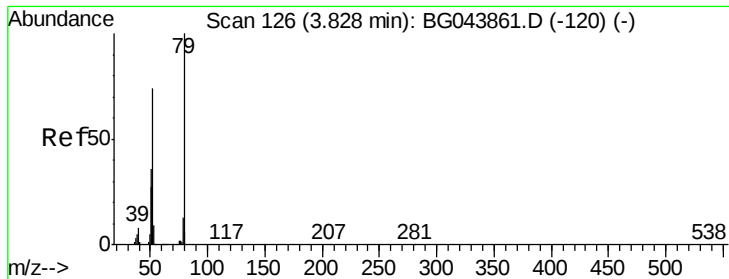
1,4-Dioxane
Concen: 40.484 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Tgt Ion: 88 Resp: 133918
Ion Ratio Lower Upper
88 100
58 75.6 59.8 89.8
43 29.1 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: 41.566 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Instrument :

BNA_G

ClientSampled :

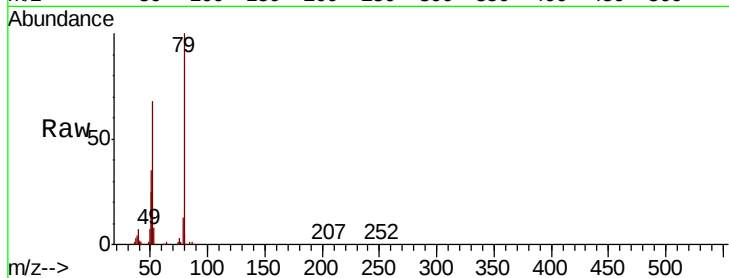
Tot Ion: 79 Resp: 406196

Ion Ratio Lower Upper

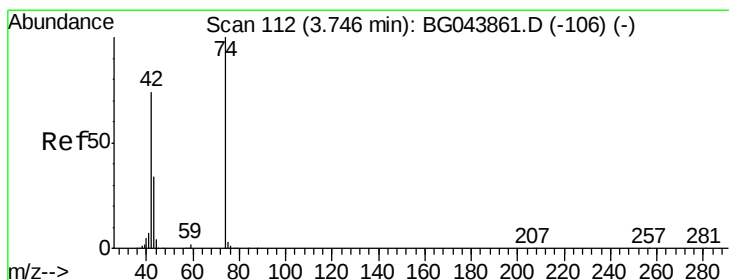
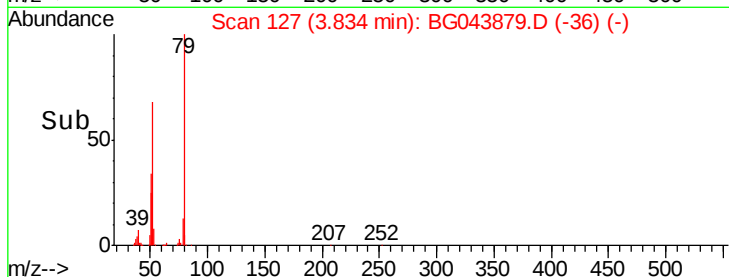
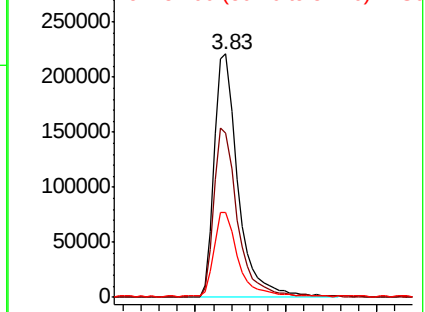
79 100

52 67.7 58.9 88.3

51 35.1 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: 39.757 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

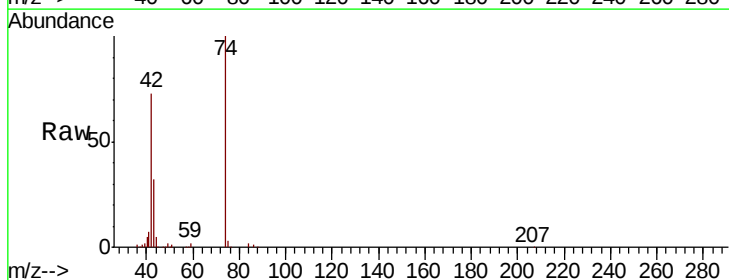
Tgt Ion: 42 Resp: 172973

Ion Ratio Lower Upper

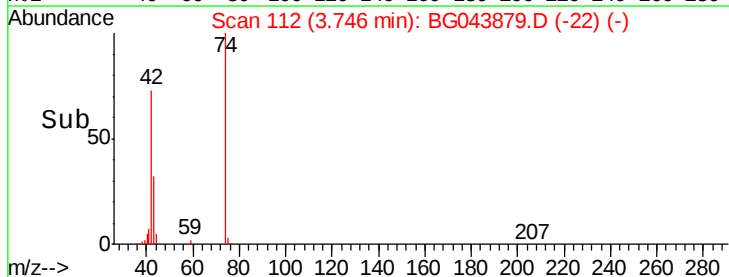
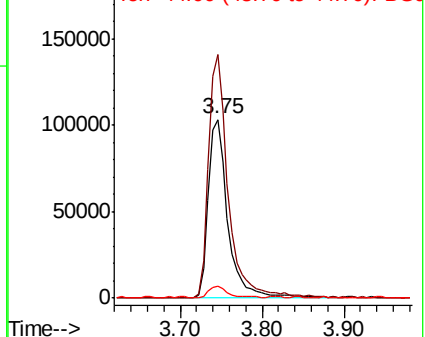
42 100

74 136.4 108.6 162.8

44 6.8 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: 82.370 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Instrument :

BNA_G

ClientSampled :

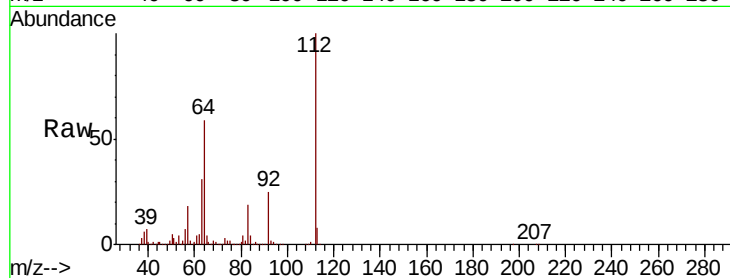
Tot Ion:112 Resp: 624916

Ion Ratio Lower Upper

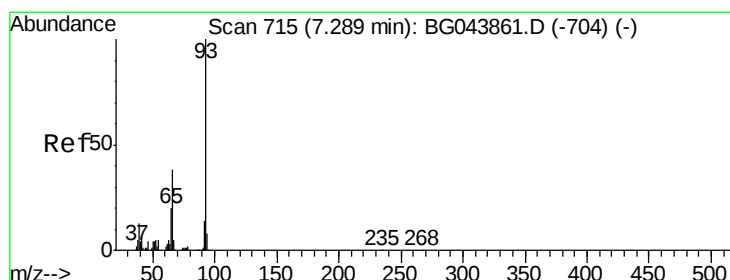
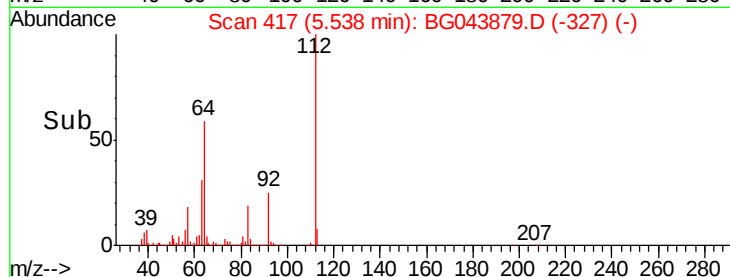
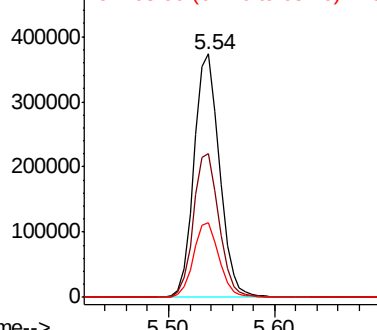
112 100

64 59.3 47.8 71.6

63 30.7 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: 39.453 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

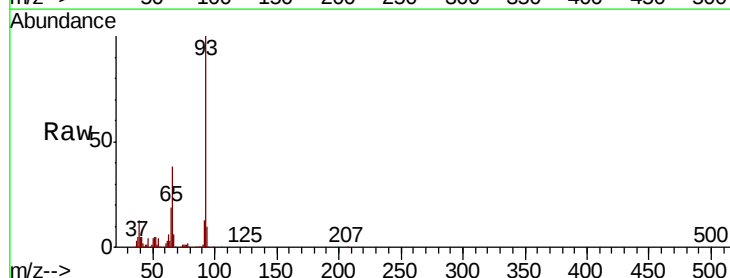
Tgt Ion: 93 Resp: 549544

Ion Ratio Lower Upper

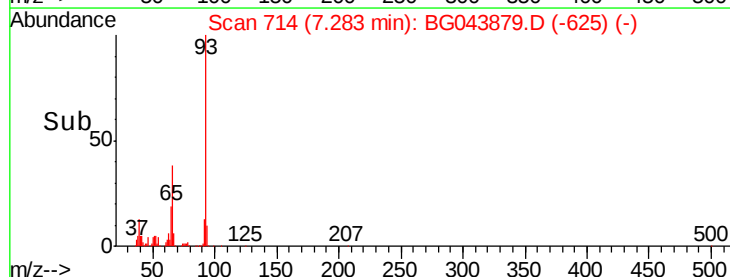
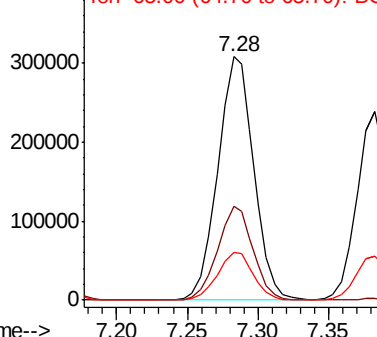
93 100

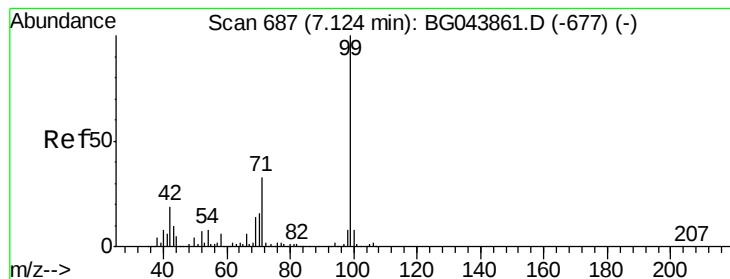
66 38.4 30.8 46.2

65 19.4 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: 81.627 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

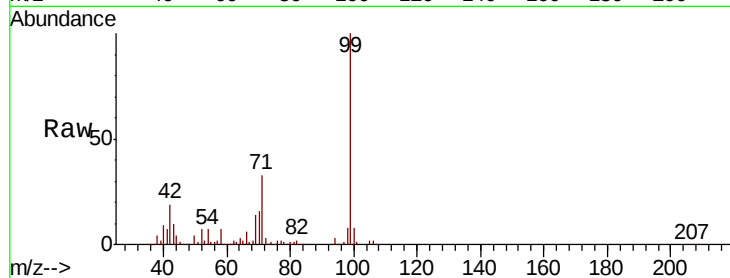
Tot Ion: 99 Resp: 865638

Ion Ratio Lower Upper

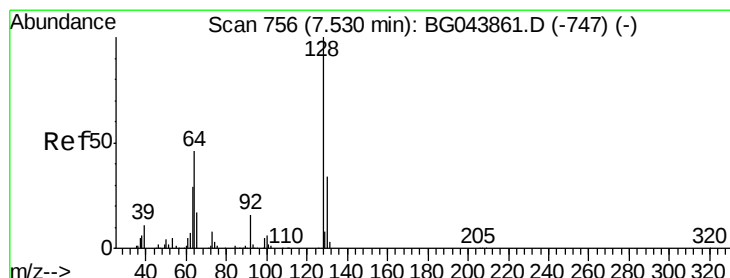
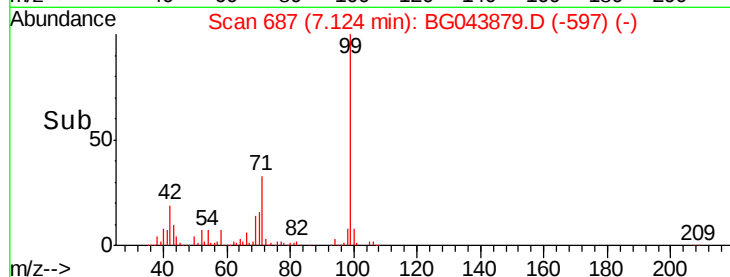
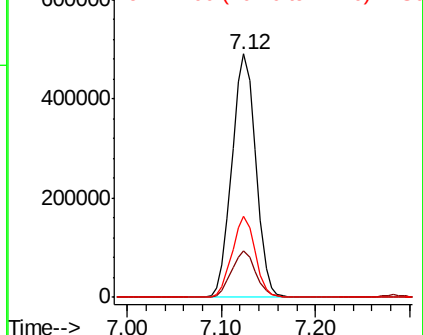
99 100

42 18.9 14.9 22.3

71 33.3 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.955 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

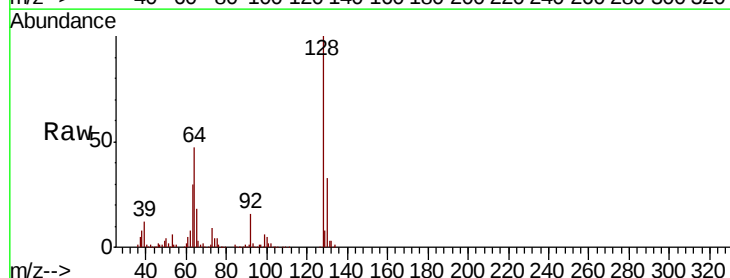
Tgt Ion: 128 Resp: 355867

Ion Ratio Lower Upper

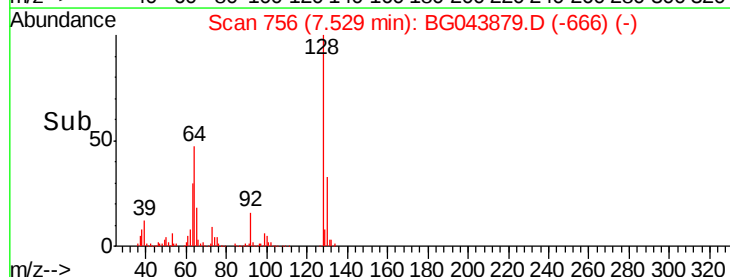
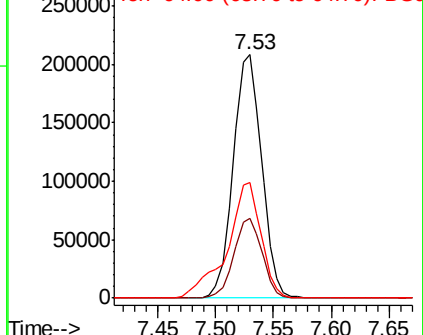
128 100

130 32.7 13.8 53.8

64 47.3 27.6 67.6



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





#9

Benzaldehyde

Concen: 37.470 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

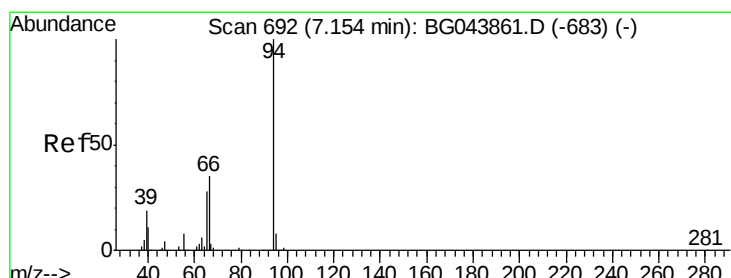
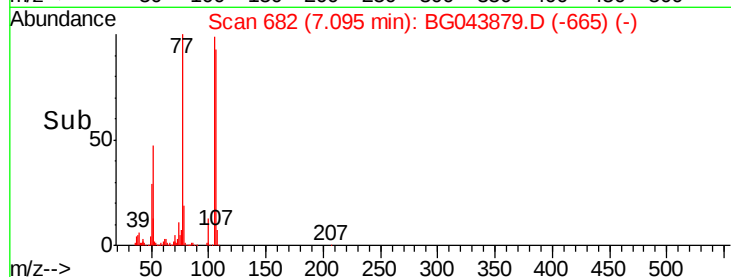
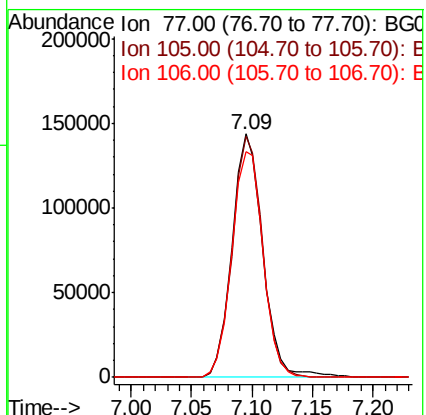
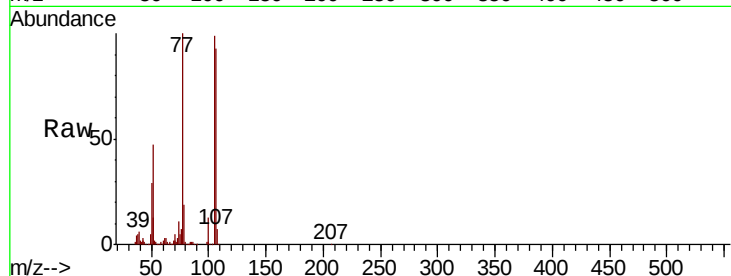
Tot Ion: 77 Resp: 254320

Ion Ratio Lower Upper

77 100

105 99.2 80.2 120.2

106 92.7 77.2 117.2



#10

Phenol

Concen: 40.229 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

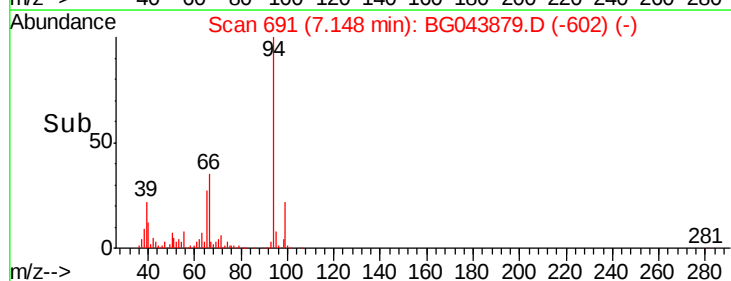
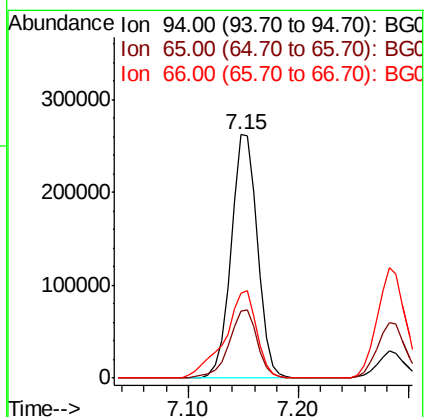
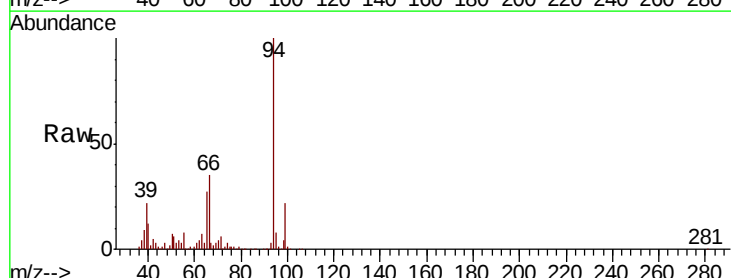
Tgt Ion: 94 Resp: 439561

Ion Ratio Lower Upper

94 100

65 27.5 8.1 48.1

66 35.1 15.6 55.6

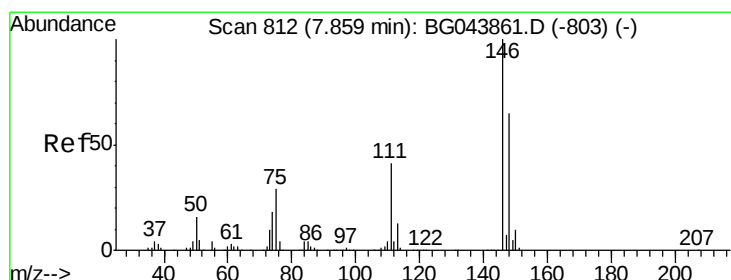
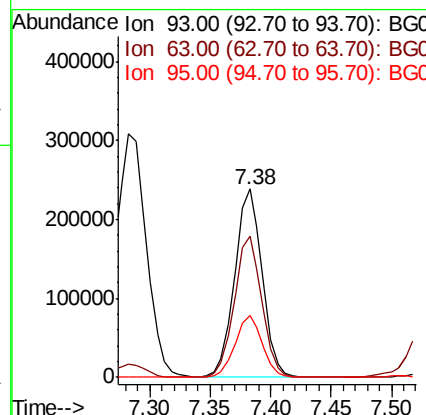
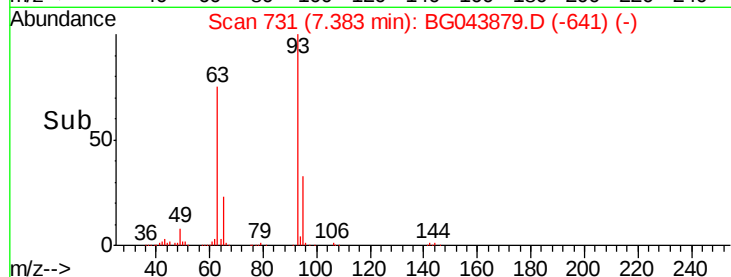
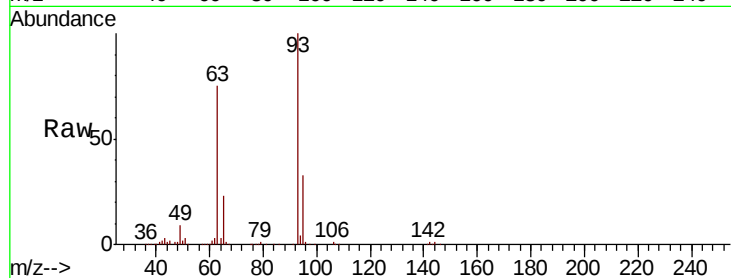




#11
bis(2-Chloroethyl)ether
Concen: 39.976 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

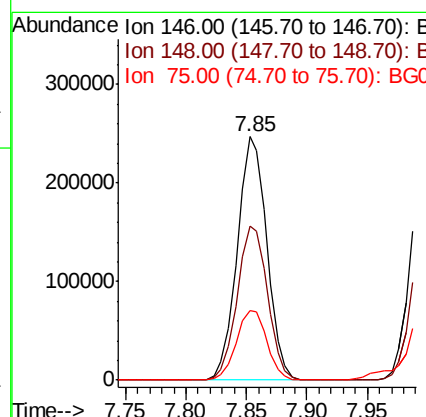
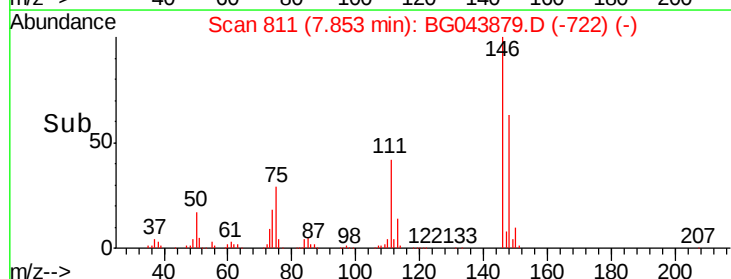
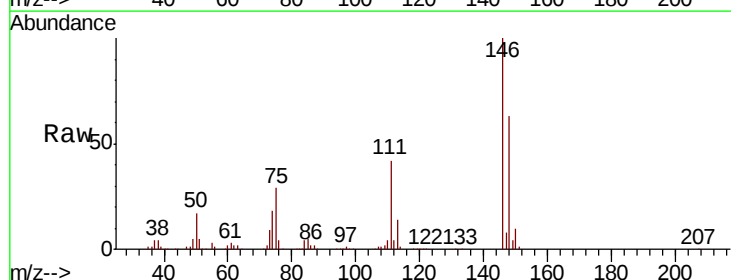
Instrument :
BNA_G
ClientSampleId :

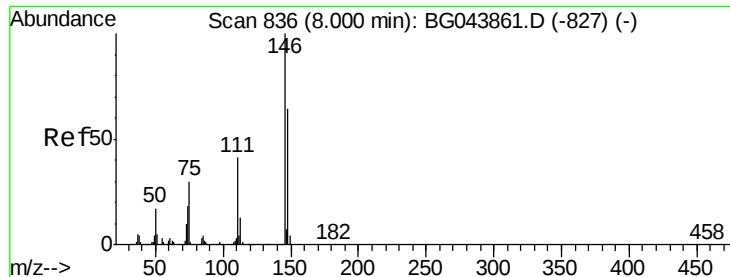
Tot Ion: 93 Resp: 377034
Ion Ratio Lower Upper
93 100
63 74.8 55.0 95.0
95 32.7 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.419 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Tgt Ion: 146 Resp: 421274
Ion Ratio Lower Upper
146 100
148 63.3 52.1 78.1
75 28.7 23.0 34.4

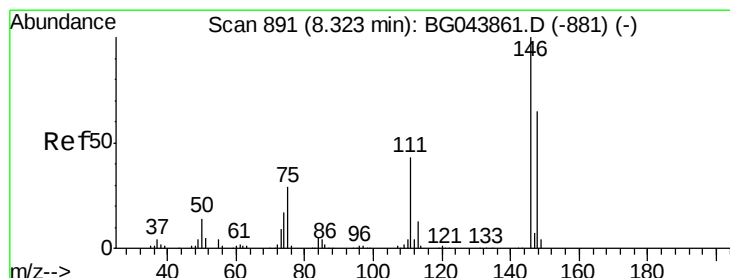
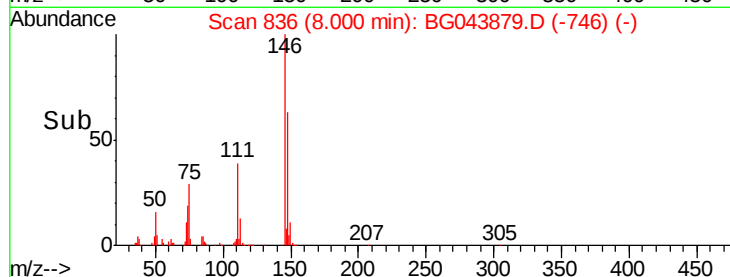
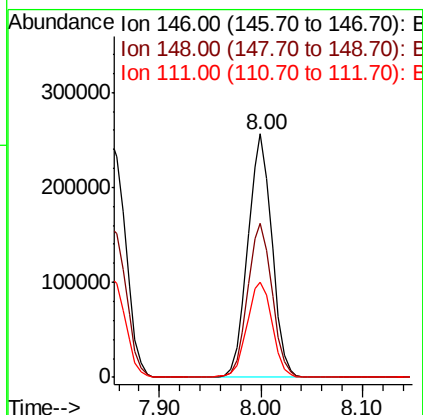
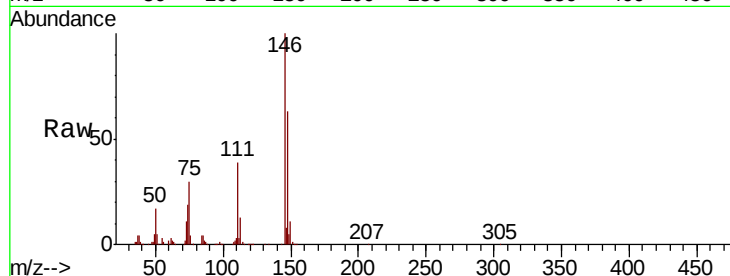




#13
 1,4-Dichlorobenzene
 Concen: 40.944 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG043879.D
 Acq: 2 Jan 2020 17:36

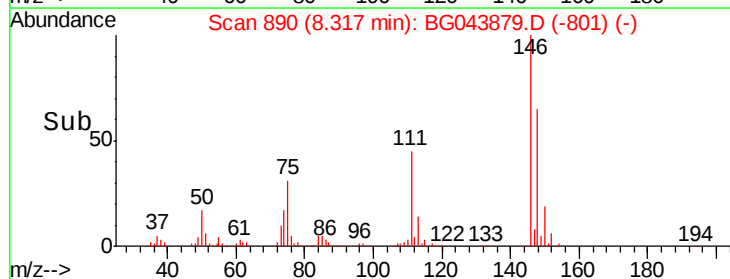
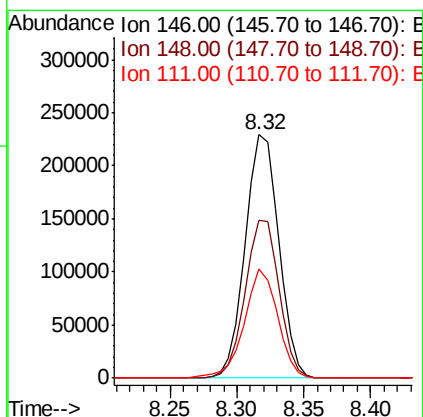
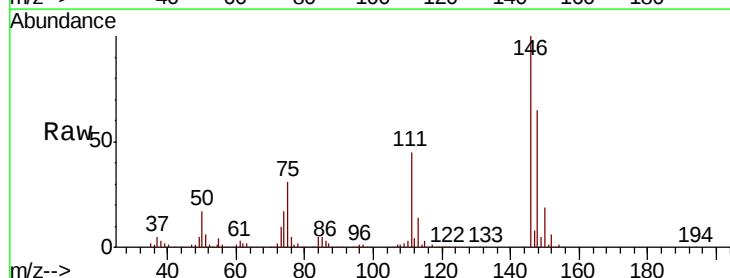
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 421054
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.2 76.8
 111 38.9 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 40.490 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BG043879.D
 Acq: 2 Jan 2020 17:36

Tgt Ion:146 Resp: 399666
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.7 77.5
 111 44.8 34.4 51.6





#15

Benzyl Alcohol

Concen: 39.382 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Instrument :

BNA_G

ClientSampled :

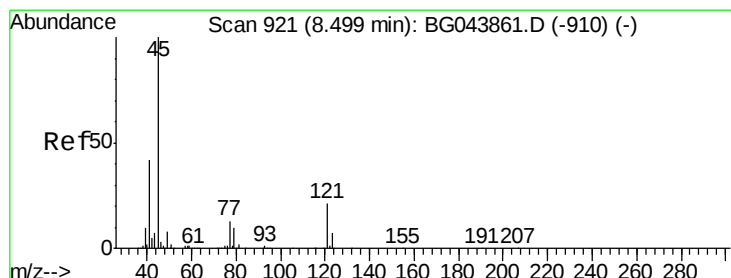
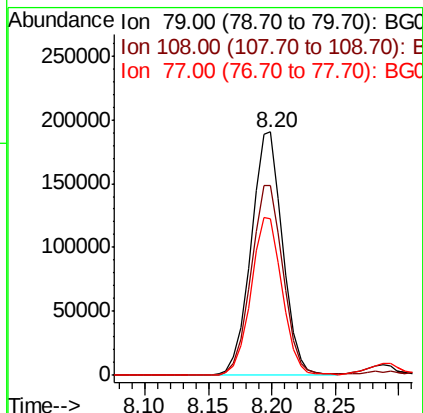
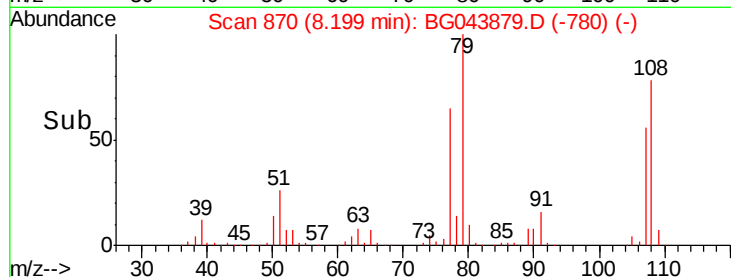
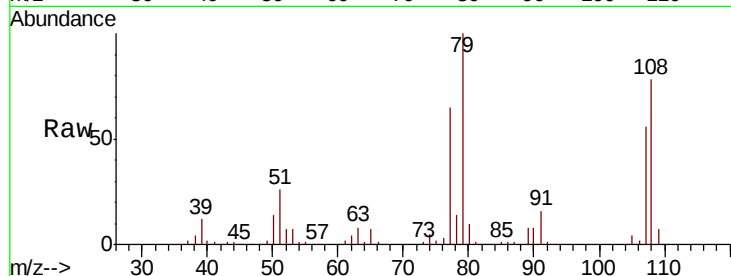
Tot Ion: 79 Resp: 329612

Ion Ratio Lower Upper

79 100

108 77.9 65.6 98.4

77 64.5 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.547 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

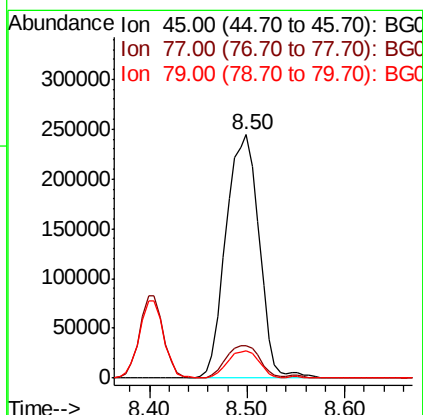
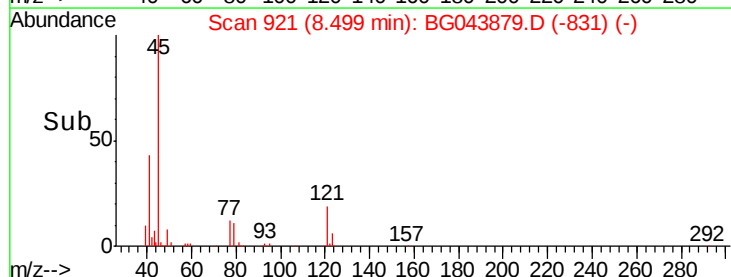
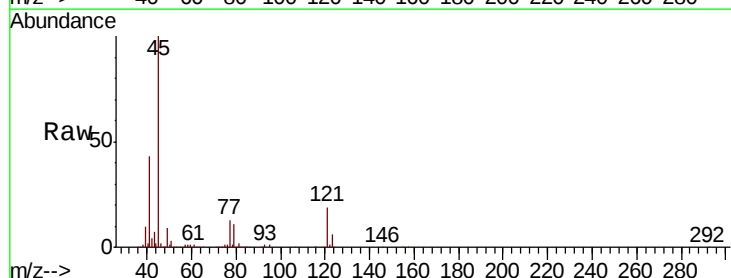
Tgt Ion: 45 Resp: 577053

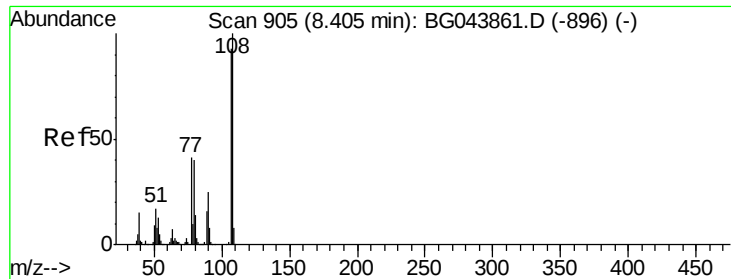
Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.8

79 11.4 0.0 31.0





#17

2-Methylphenol

Concen: 39.724 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 314098

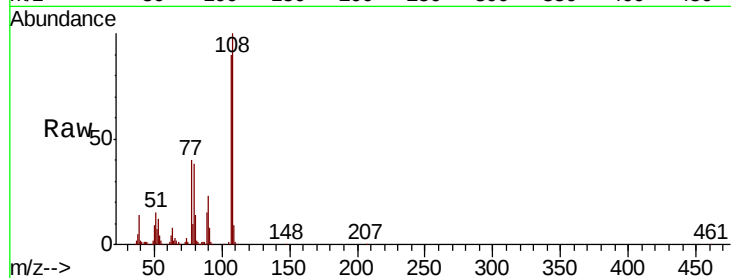
Ion Ratio Lower Upper

107 100

108 111.2 86.1 129.1

77 44.7 35.4 53.0

79 41.9 34.8 52.2

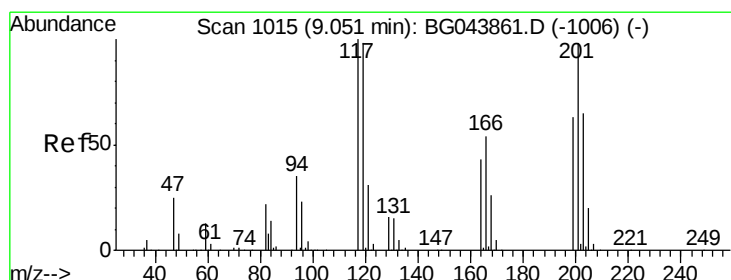
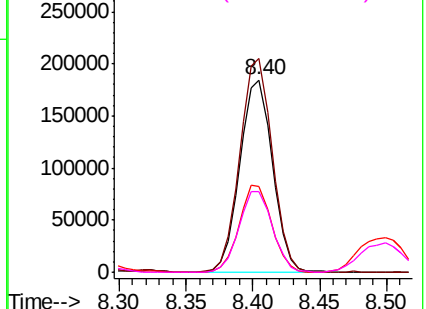
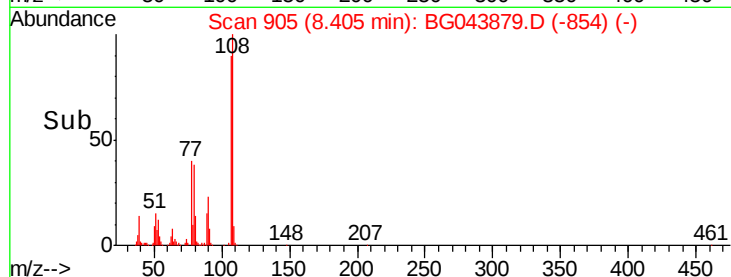


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 40.081 ng

RT: 9.05 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

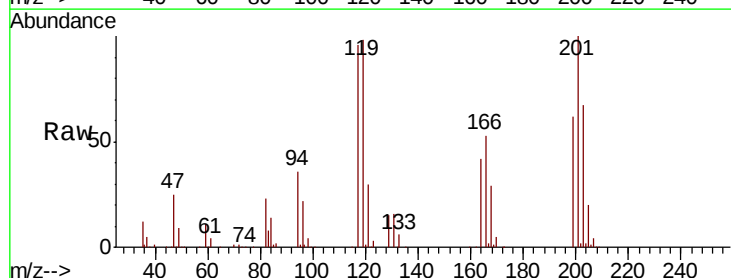
Tgt Ion:117 Resp: 160386

Ion Ratio Lower Upper

117 100

119 102.3 78.1 117.1

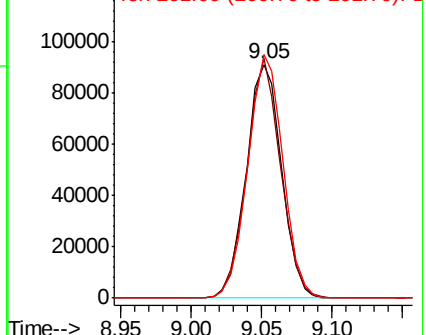
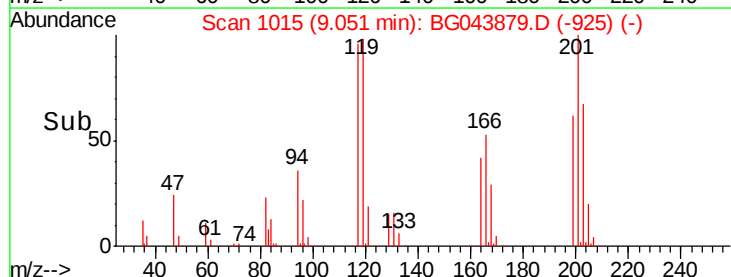
201 104.0 78.6 117.8



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

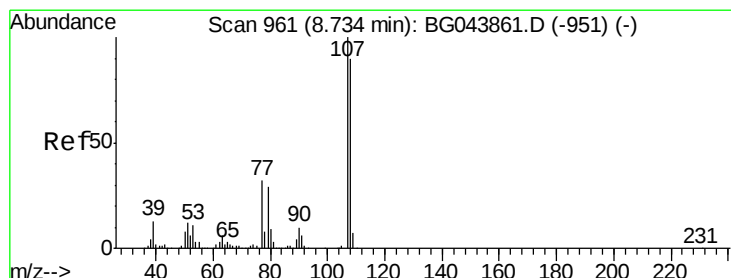
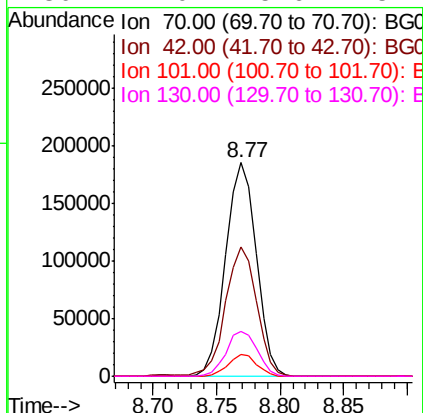
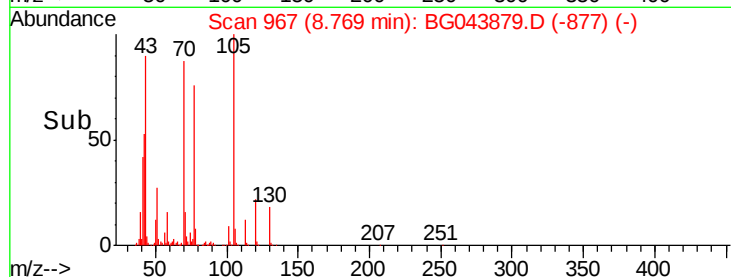
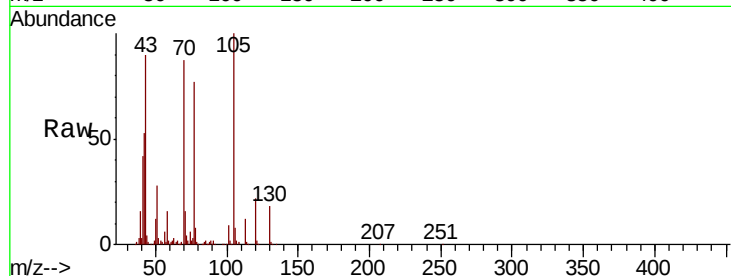




#19
n-Nitroso-di-n-propylamine
Concen: 39.360 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

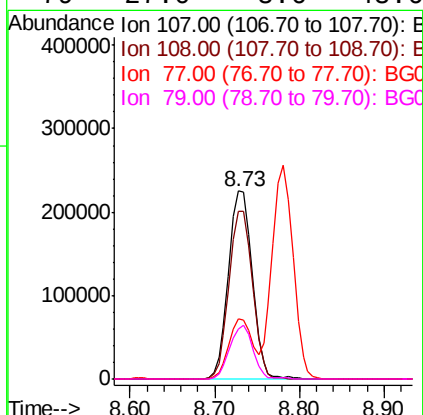
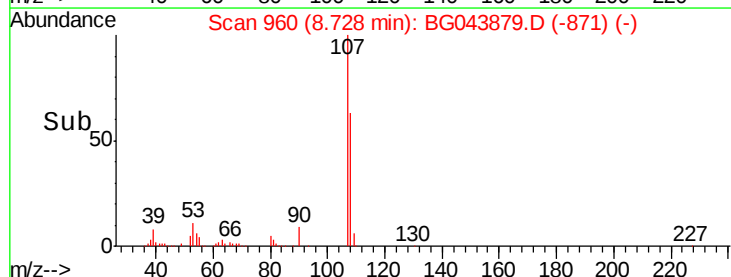
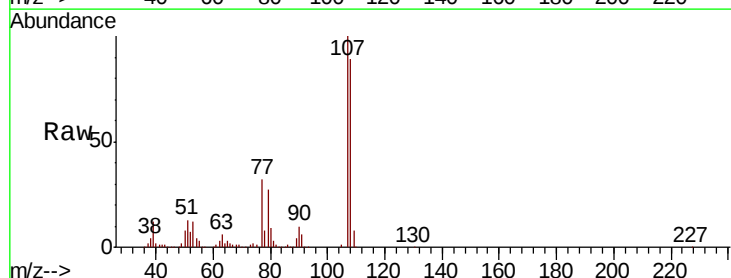
Instrument :
BNA_G
ClientSampleId :

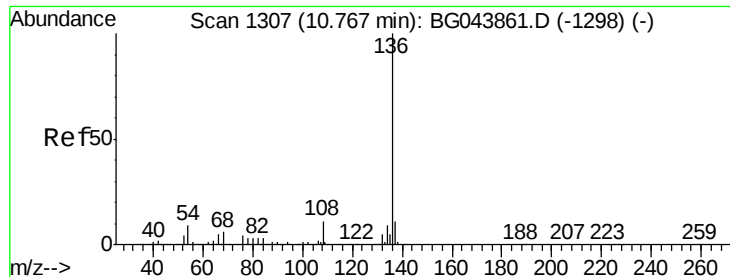
Tot Ion:	70	Resp:	310850
Ion	Ratio	Lower	Upper
70	100		
42	60.3	47.0	70.4
101	10.2	7.2	10.8
130	21.0	15.6	23.4



#20
3+4-Methylphenols
Concen: 39.562 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Tgt Ion:	107	Resp:	436380
Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.3	110.3
77	32.0	12.4	52.4
79	27.0	8.6	48.6

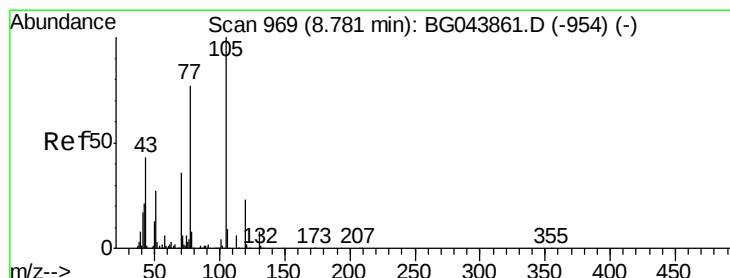
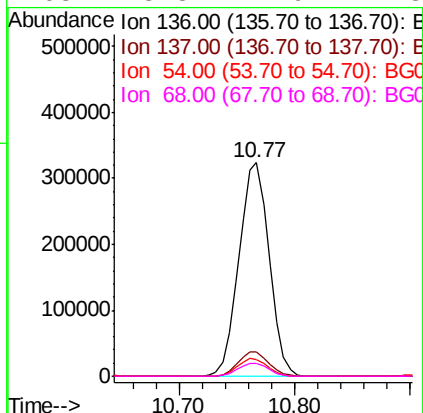
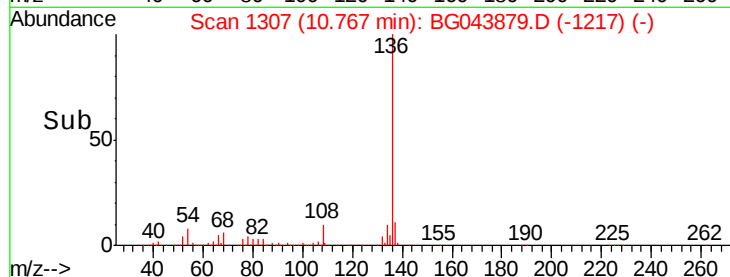
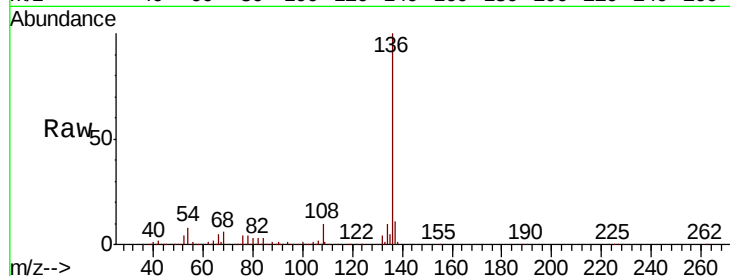




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

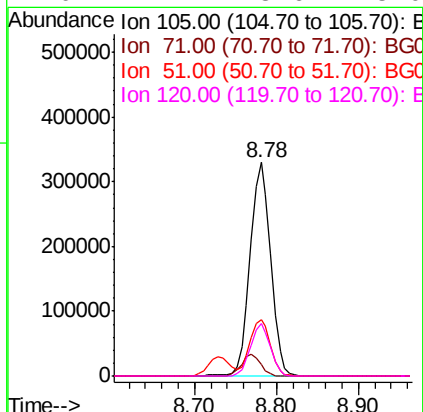
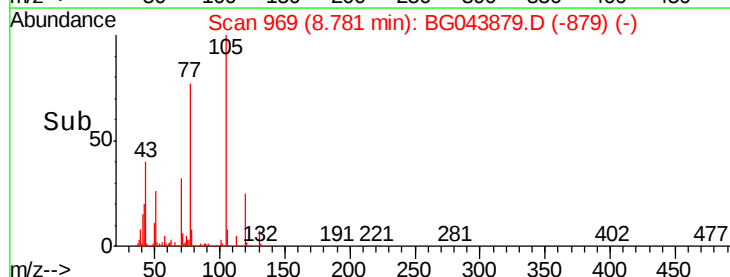
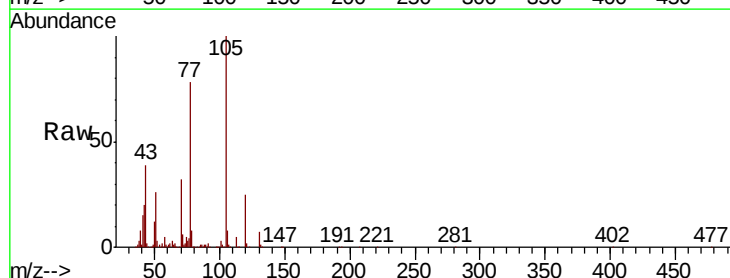
Instrument :
BNA_G
ClientSampled :

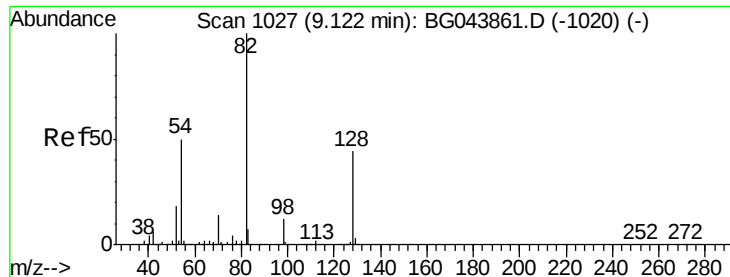
Tot Ion:136	Resp: 586441
Ion Ratio	Lower Upper
136 100	
137 11.4	8.8 13.2
54 8.0	7.0 10.4
68 5.8	4.9 7.3



#22
Acetophenone
Concen: 39.686 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Tgt	Ion:105	Resp:	578593
Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.8	7.2
51	26.5	21.4	32.0
120	24.7	18.6	28.0

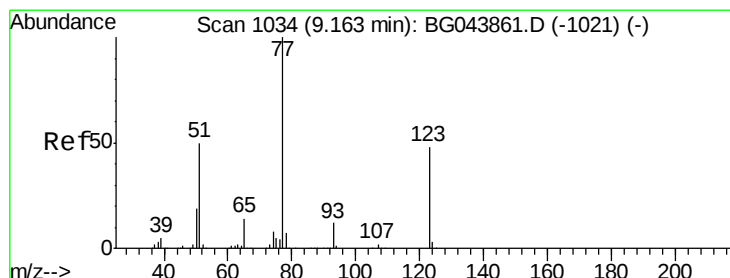
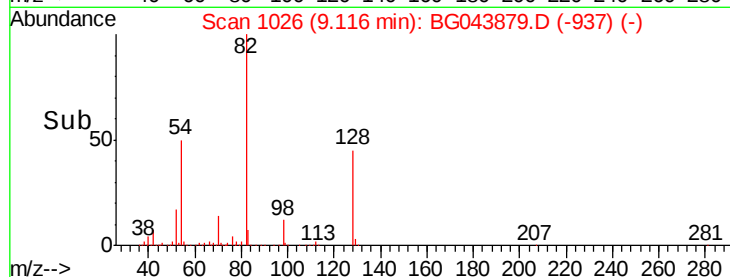
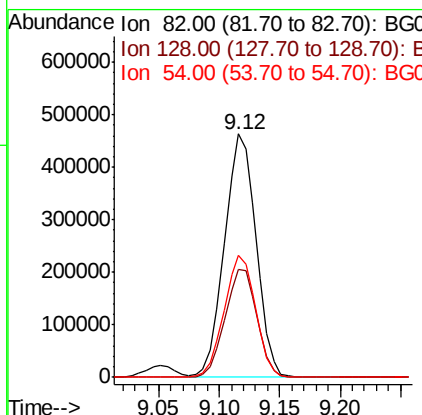
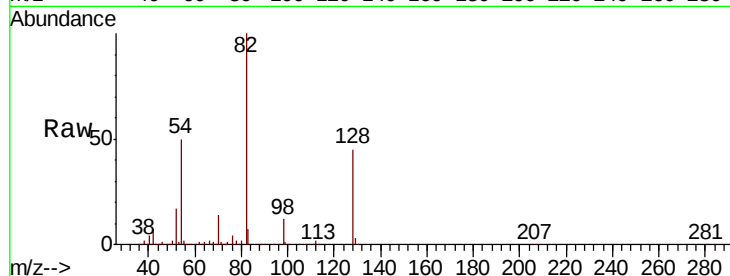




#23
 Nitrobenzene-d5
 Concen: 76.590 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043879.D
 Acq: 2 Jan 2020 17:36

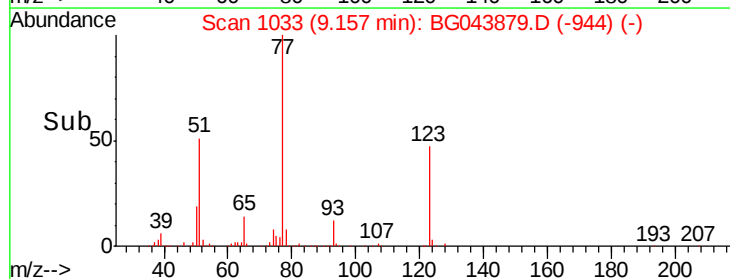
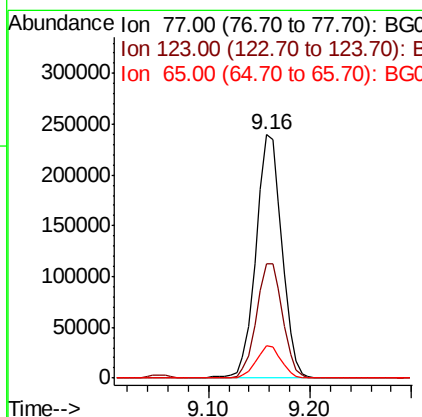
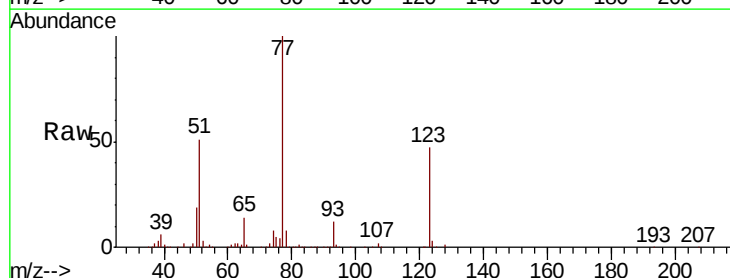
Instrument :
 BNA_G
 ClientSampleId :

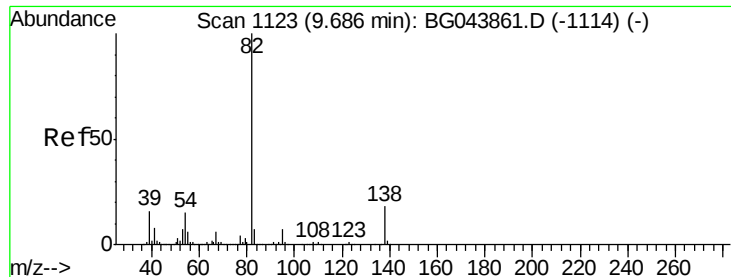
Tot Ion	82	Resp	839605
Ion Ratio	Lower	Upper	
82	100		
128	44.6	35.1	52.7
54	50.3	40.1	60.1



#24
 Nitrobenzene
 Concen: 39.070 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG043879.D
 Acq: 2 Jan 2020 17:36

Tgt Ion	77	Resp	424196
Ion Ratio	Lower	Upper	
77	100		
123	46.9	38.7	58.1
65	13.5	11.1	16.7

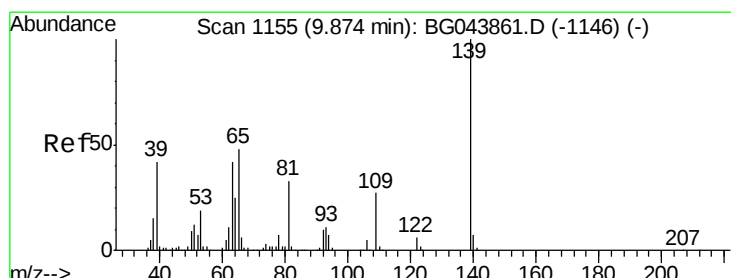
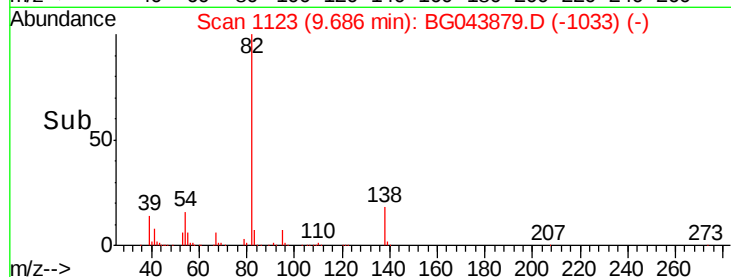
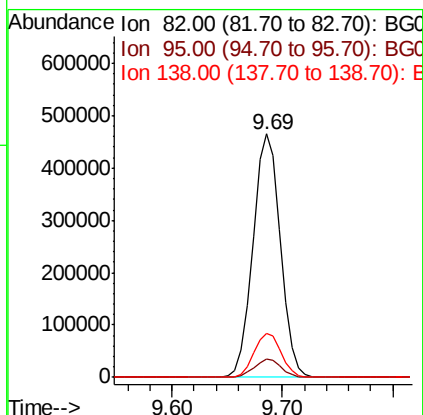
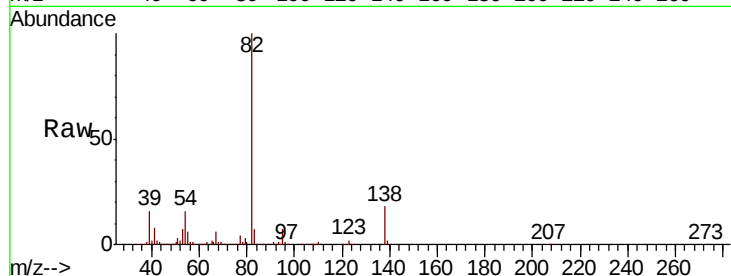




#25
Isophorone
Concen: 39.352 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

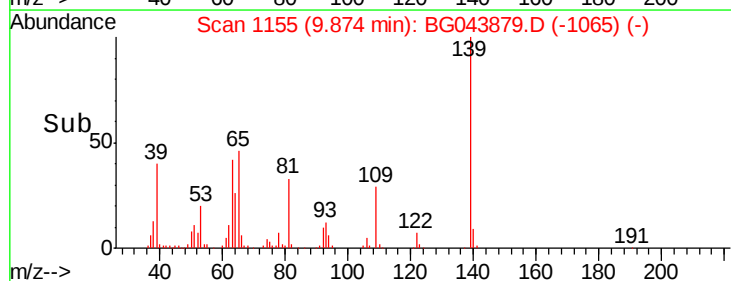
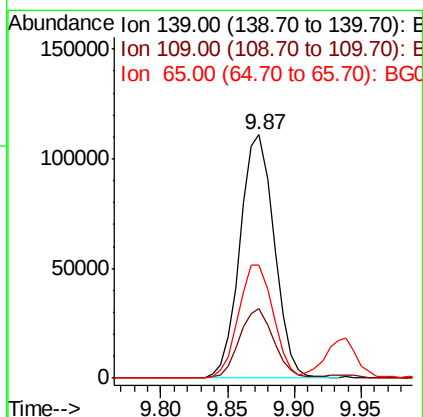
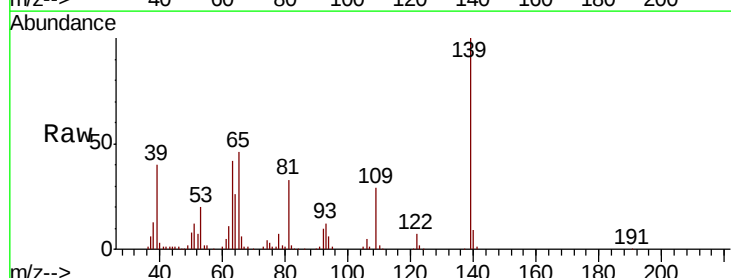
Instrument :
BNA_G
ClientSampleId :

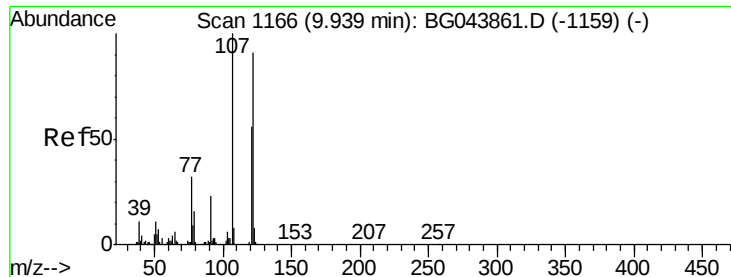
Tot Ion: 82 Resp: 809342
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 18.1 14.6 22.0



#26
2-Nitrophenol
Concen: 38.413 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Tgt Ion: 139 Resp: 197318
Ion Ratio Lower Upper
139 100
109 28.6 21.3 31.9
65 46.2 38.6 57.8

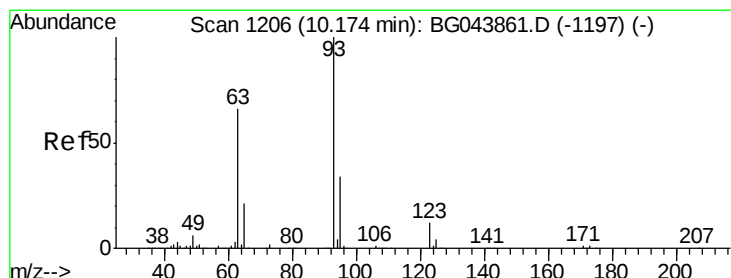
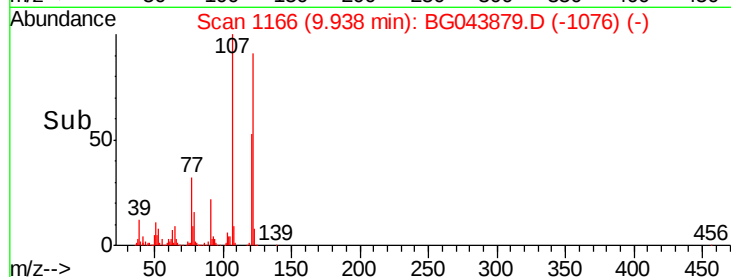
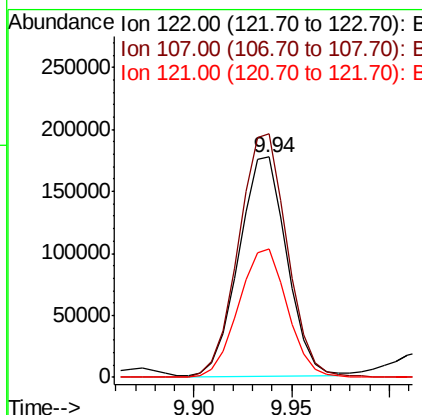
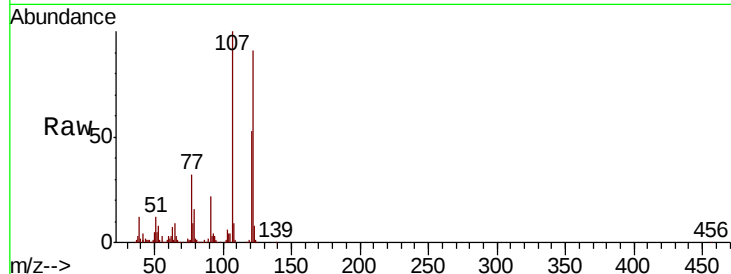




#27
 2,4-Dimethylphenol
 Concen: 38.976 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BG043879.D
 Acq: 2 Jan 2020 17:36

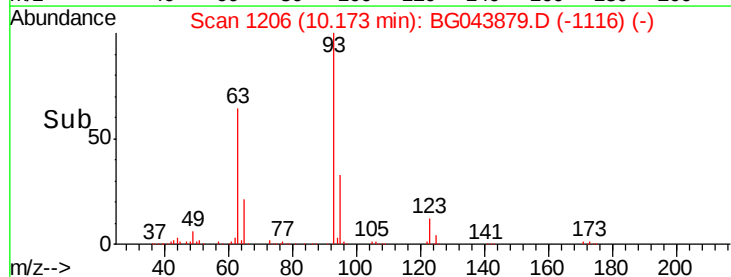
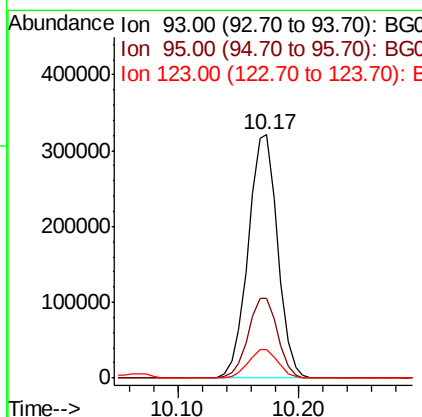
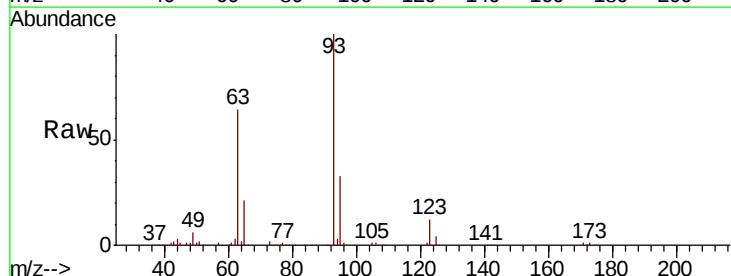
Instrument :
 BNA_G
 ClientSampled :

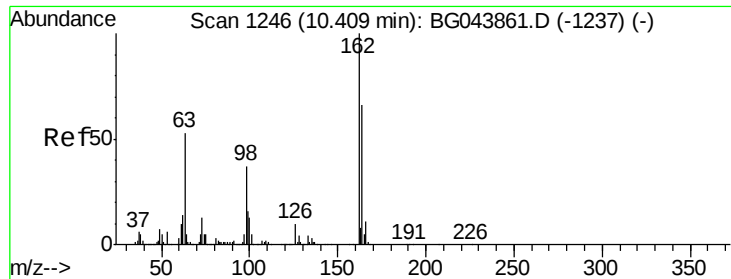
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.5	88.0	132.0
121	58.3	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.703 ng
 RT: 10.17 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BG043879.D
 Acq: 2 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	27.2	40.8
123	12.0	9.7	14.5

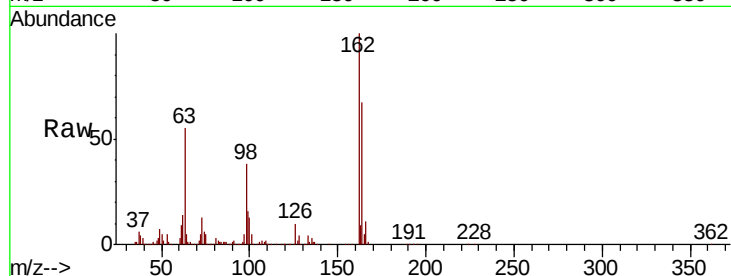




#29
 2,4-Dichlorophenol
 Concen: 39.301 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BG043879.D
 Acq: 2 Jan 2020 17:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.2	46.3	86.3
98	38.0	17.3	57.3

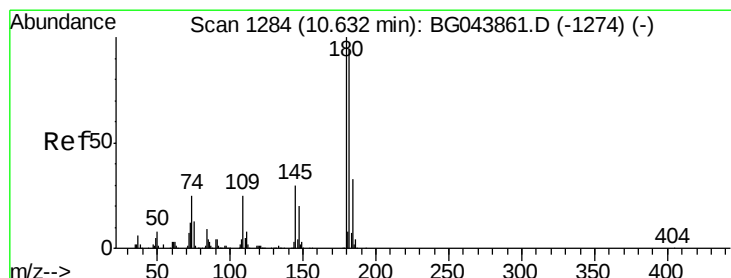
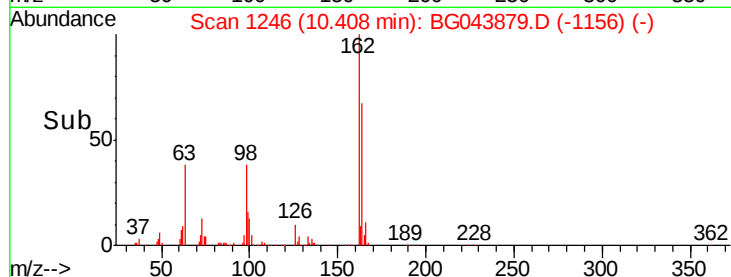
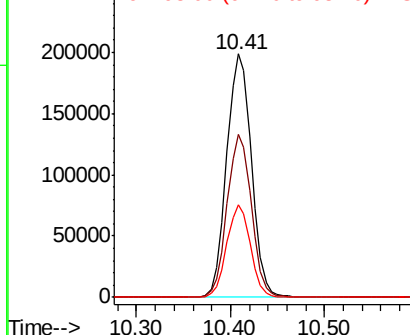


Abundance

Ion 162.00 (161.70 to 162.70): E

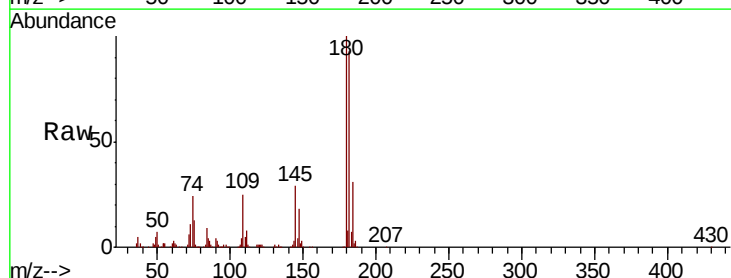
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 40.414 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG043879.D
 Acq: 2 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.0	112.4
145	29.4	24.2	36.4

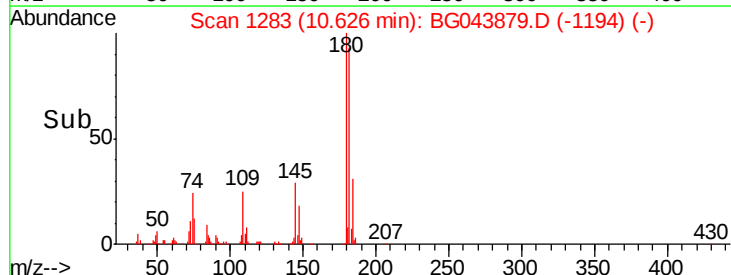
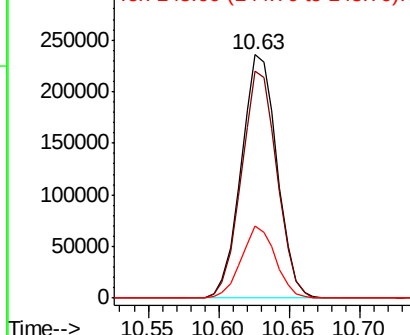


Abundance

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

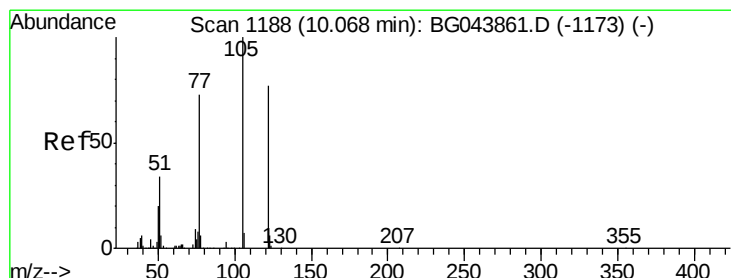
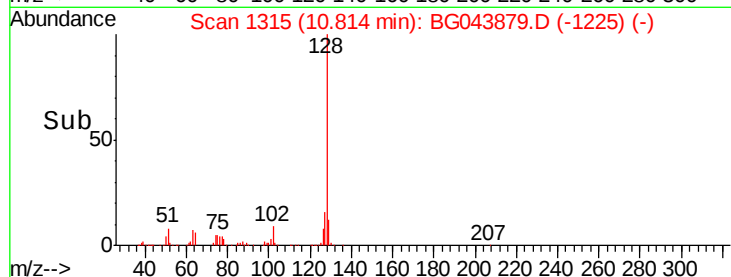
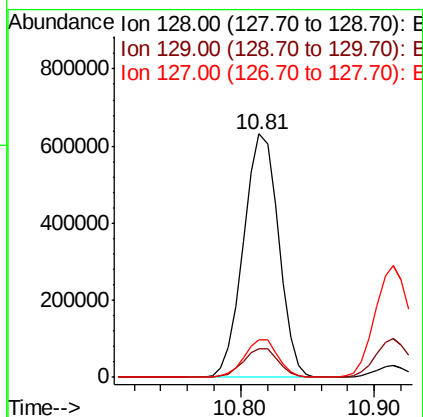
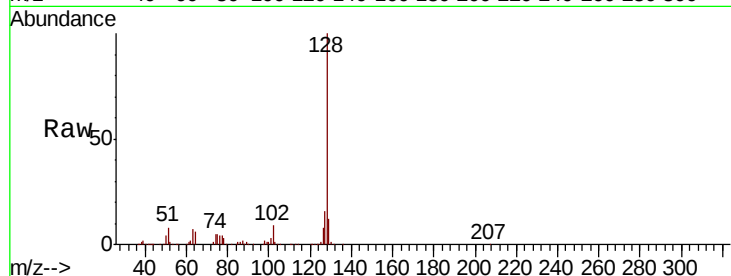




#31
Naphthalene
Concen: 40.416 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

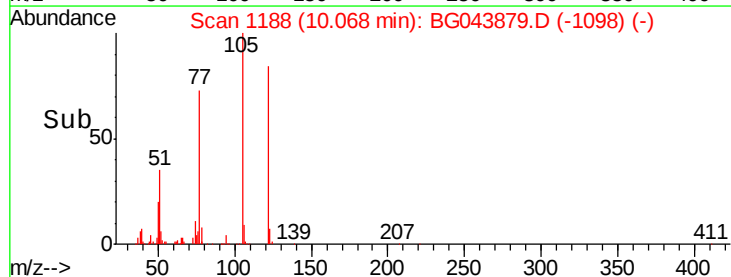
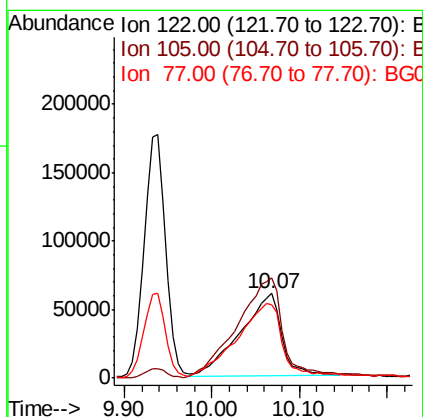
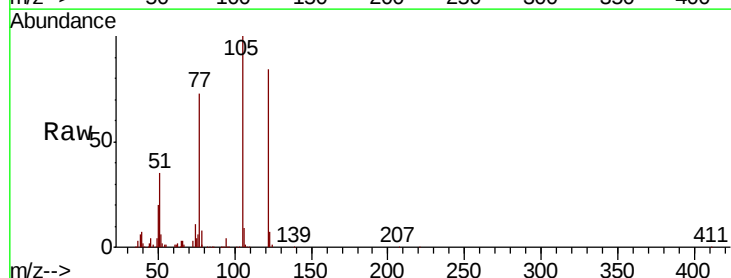
Instrument :
BNA_G
ClientSampleId :

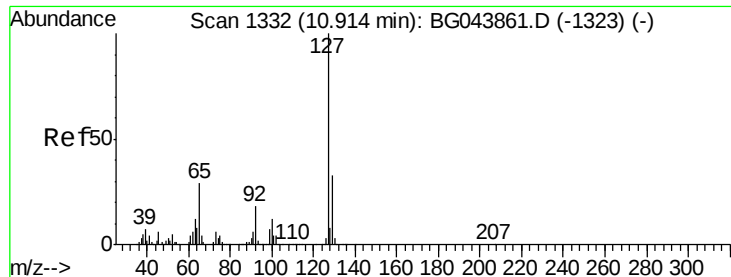
Tot Ion:128 Resp: 1146952
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.6
127 15.6 12.0 18.0



#32
Benzoic acid
Concen: 33.719 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Tgt Ion:122 Resp: 194577
Ion Ratio Lower Upper
122 100
105 119.1 106.4 146.4
77 87.2 74.6 114.6

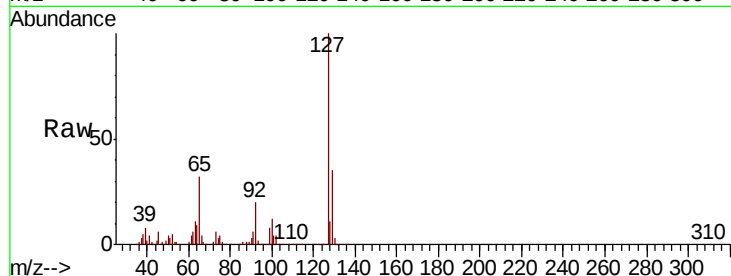




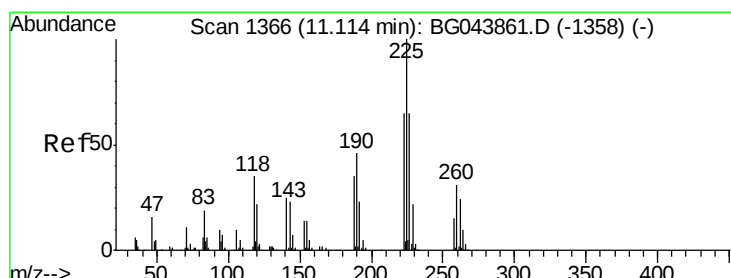
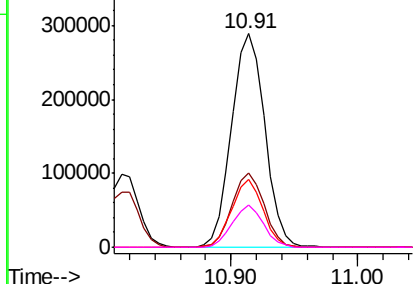
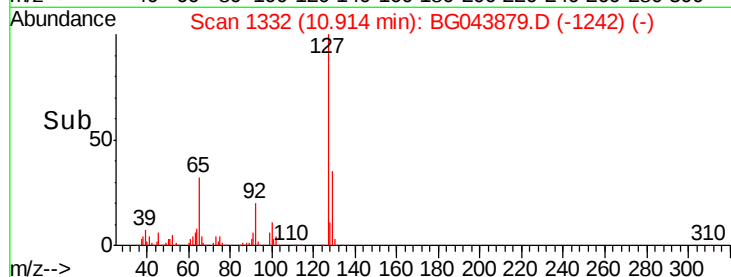
#33
4-Chloroaniline
Concen: 38.786 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	524997
Ion Ratio	Lower	Upper
127	100	
129	34.7	26.6 40.0
65	32.0	23.3 34.9
92	20.0	14.7 22.1

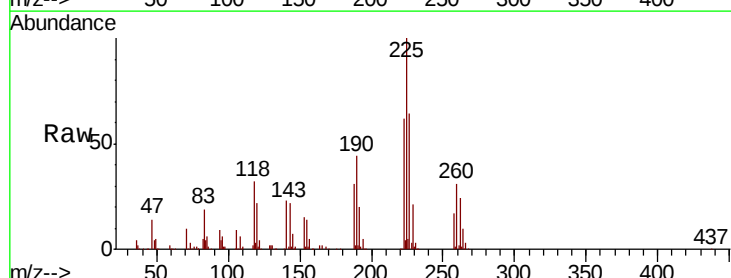


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

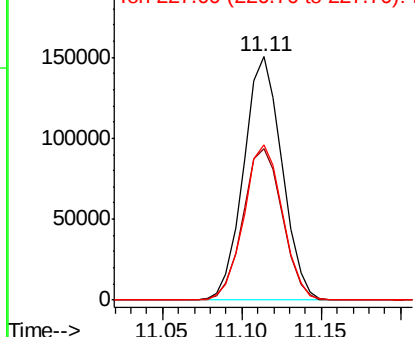
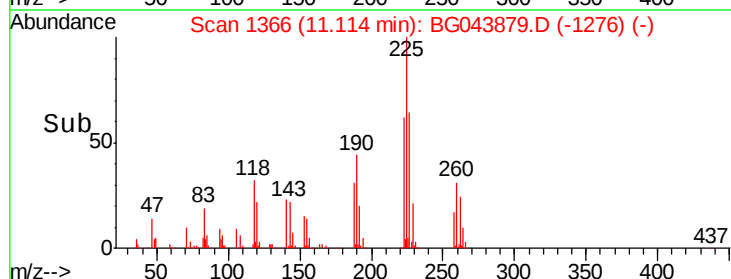


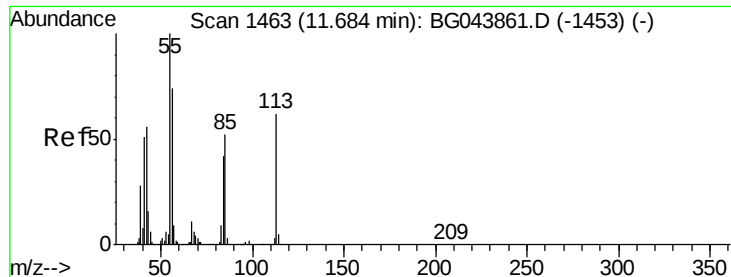
#34
Hexachlorobutadiene
Concen: 40.004 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Tgt Ion:225	Resp:	252593
Ion Ratio	Lower	Upper
225	100	
223	62.1	52.2 78.4
227	63.7	52.1 78.1



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

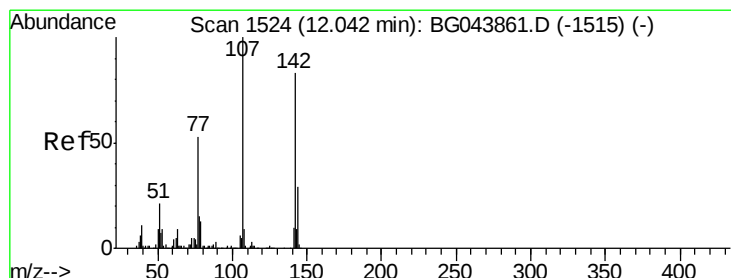
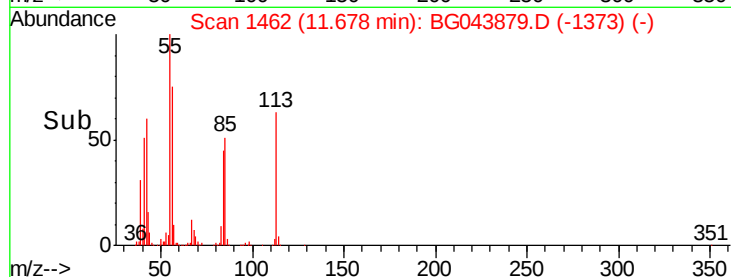
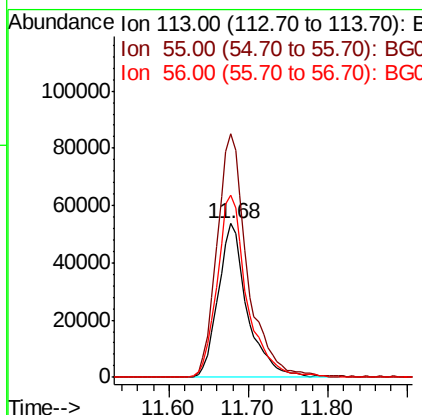
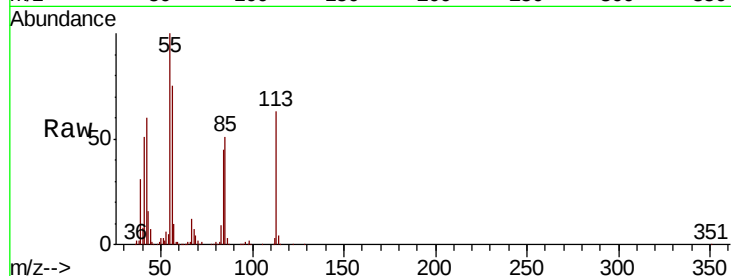




#35
 Caprolactam
 Concen: 39.764 ng
 RT: 11.68 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BG043879.D
 Acq: 2 Jan 2020 17:36

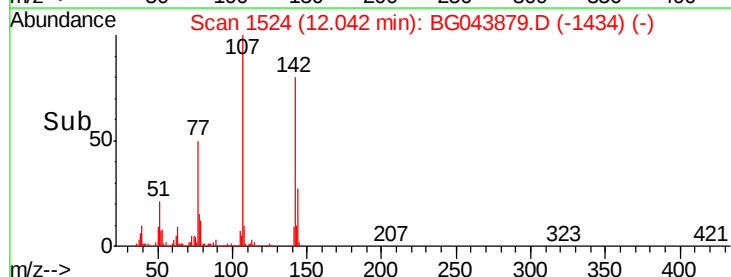
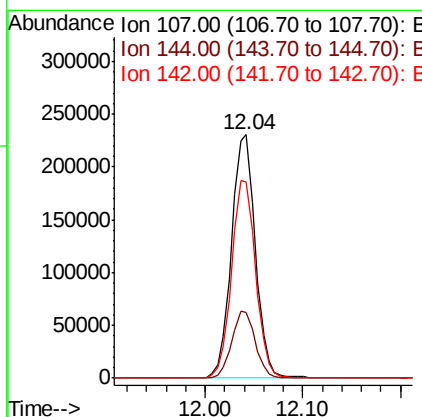
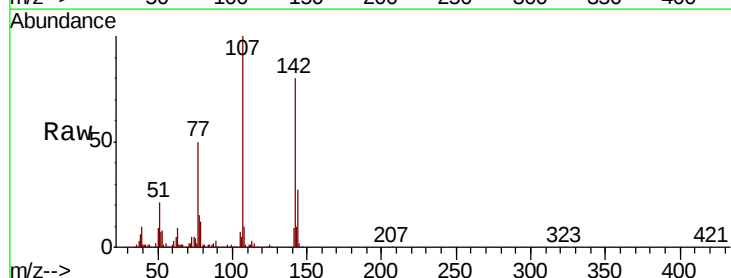
Instrument :
 BNA_G
 ClientSampled :

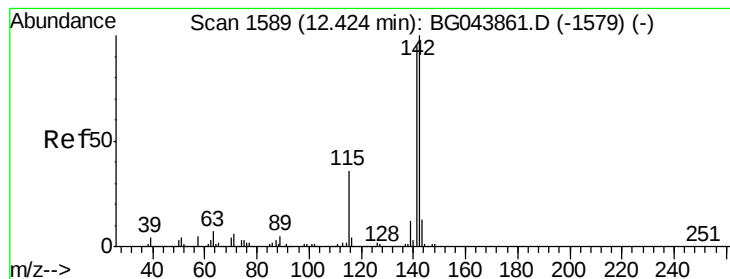
Tot Ion:113 Resp: 136532
 Ion Ratio Lower Upper
 113 100
 55 158.2 142.5 182.5
 56 118.6 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 39.857 ng
 RT: 12.04 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BG043879.D
 Acq: 2 Jan 2020 17:36

Tgt Ion:107 Resp: 391353
 Ion Ratio Lower Upper
 107 100
 144 27.2 23.4 35.2
 142 80.4 66.3 99.5





#37

2-Methylnaphthalene

Concen: 39.820 ng

RT: 12.42 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

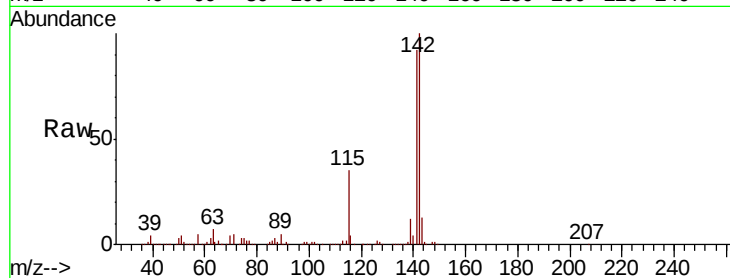
Tot Ion:142 Resp: 850762

Ion Ratio Lower Upper

142 100

141 91.6 75.8 113.8

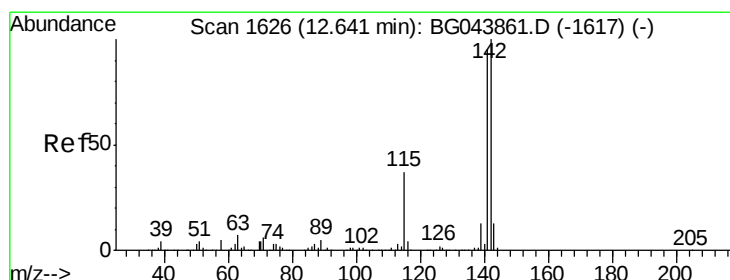
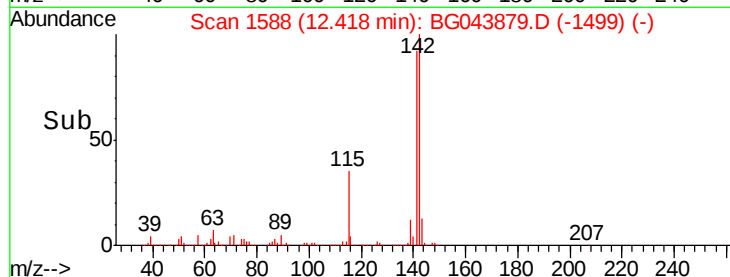
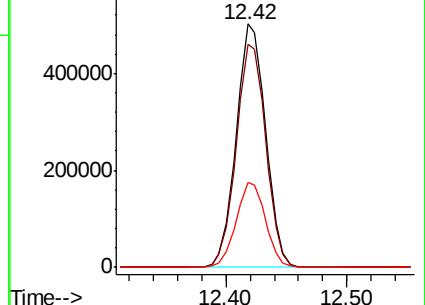
115 34.7 28.6 42.8



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: 39.952 ng

RT: 12.64 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

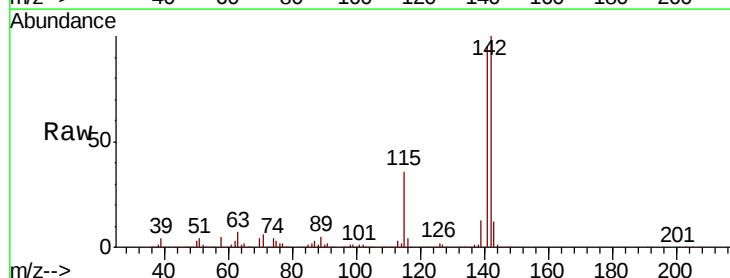
Tgt Ion:142 Resp: 808996

Ion Ratio Lower Upper

142 100

141 94.7 76.0 114.0

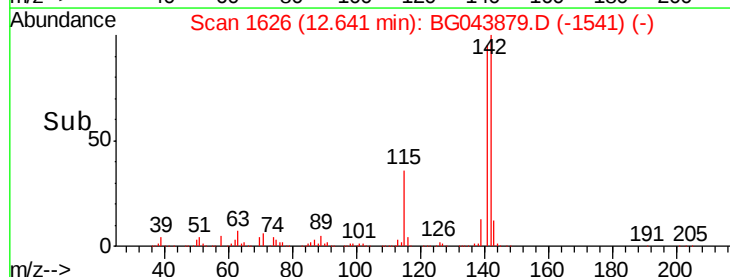
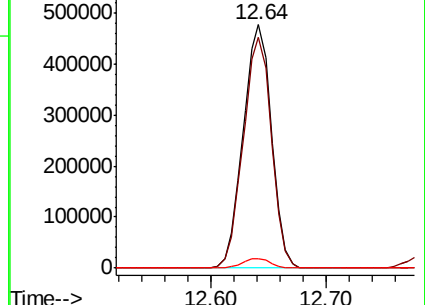
116 3.9 3.1 4.7

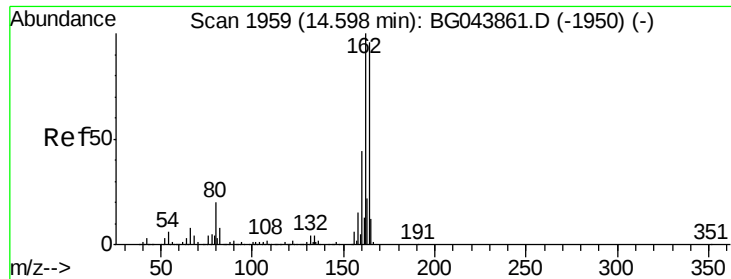


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

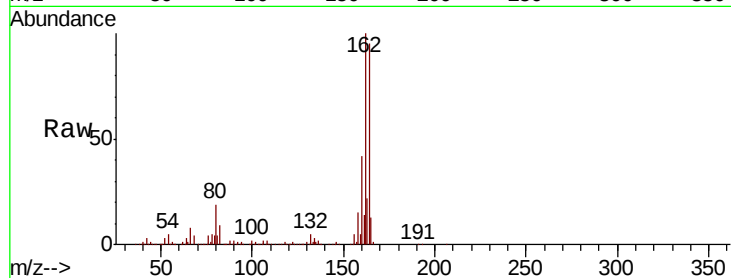
Tot Ion:164 Resp: 381798

Ion Ratio Lower Upper

164 100

162 104.9 83.0 124.4

160 44.2 36.1 54.1

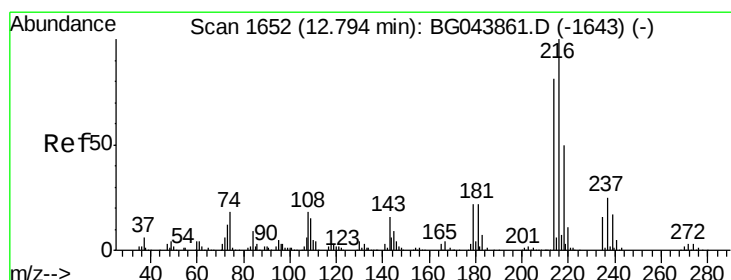
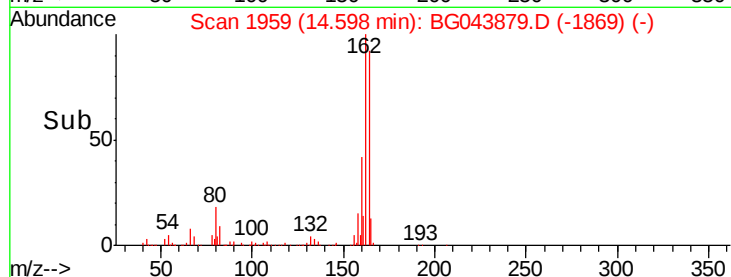
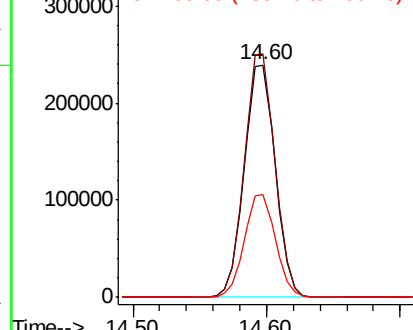


Abundance

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: 38.877 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Tgt Ion:216 Resp: 435059

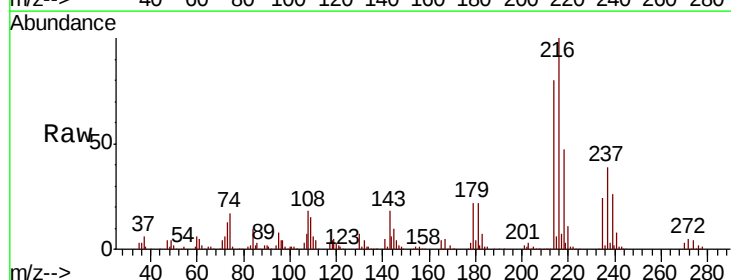
Ion Ratio Lower Upper

216 100

214 80.7 63.8 95.8

179 21.8 17.3 25.9

108 19.2 15.3 22.9



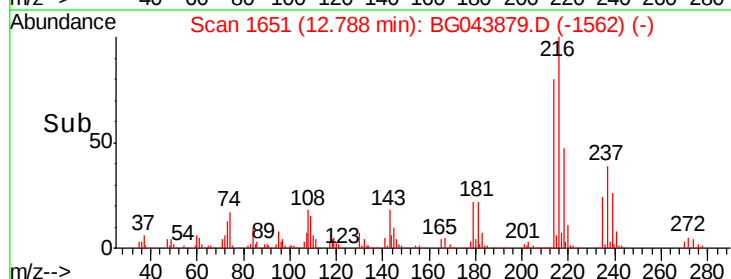
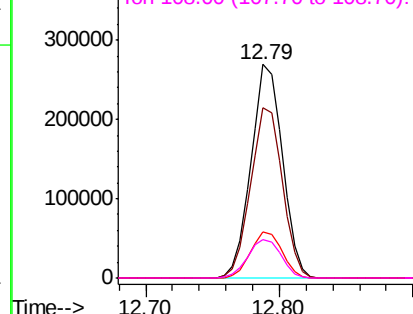
Abundance

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: 39.473 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

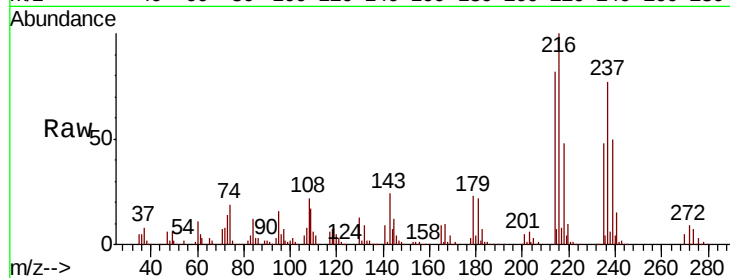
Tot Ion:237 Resp: 229004

Ion Ratio Lower Upper

237 100

235 62.1 41.1 81.1

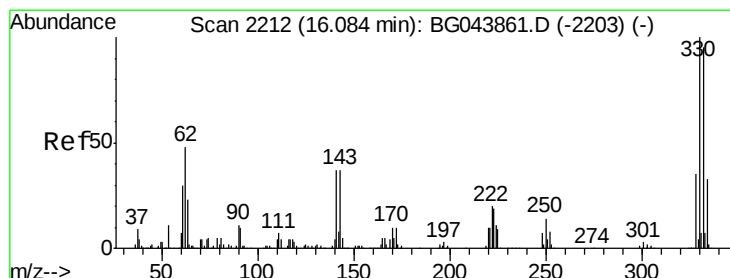
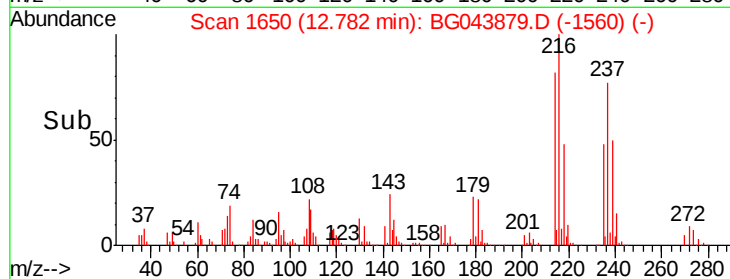
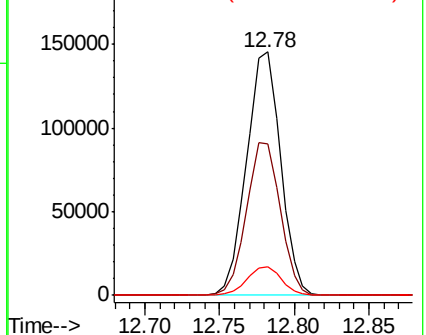
272 11.7 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 82.718 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

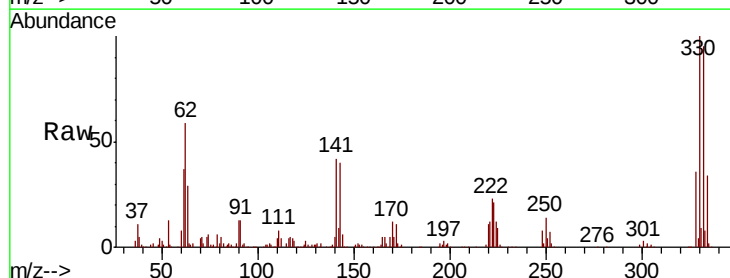
Tgt Ion:330 Resp: 330493

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

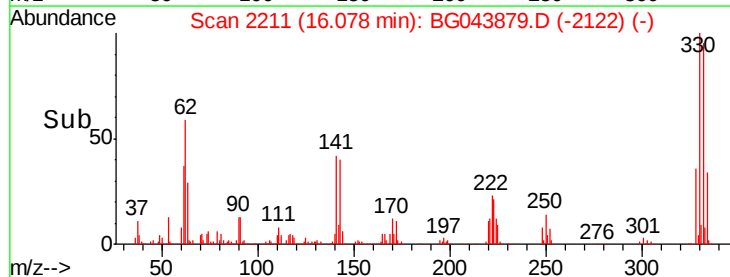
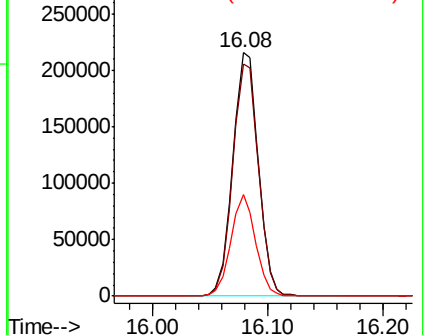
141 40.1 33.1 49.7



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

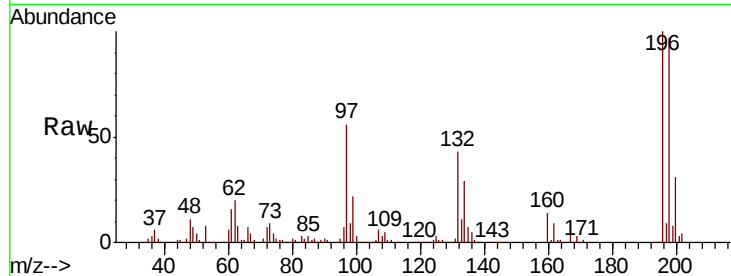




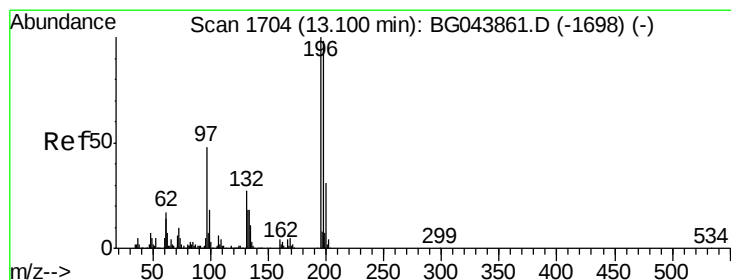
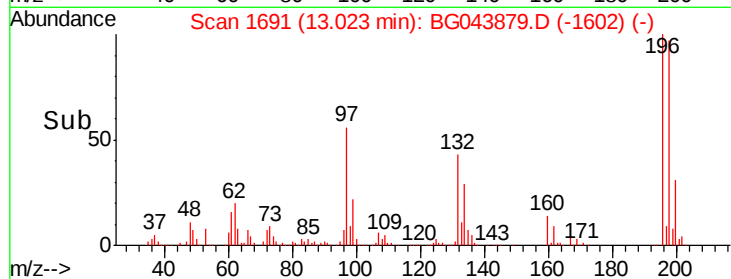
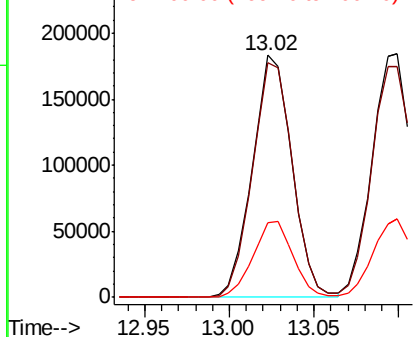
#43
 2,4,6-Trichlorophenol
 Concen: 38.686 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG043879.D
 Acq: 2 Jan 2020 17:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 297879
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.6 115.0
 200 31.0 24.6 37.0

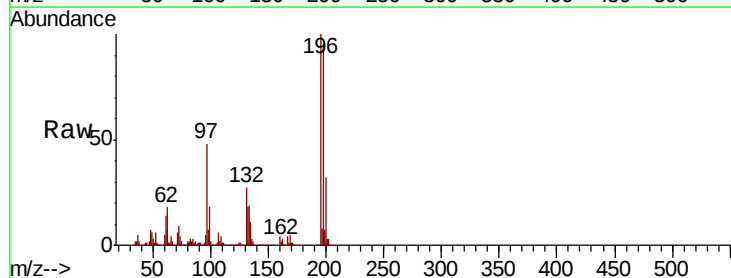


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

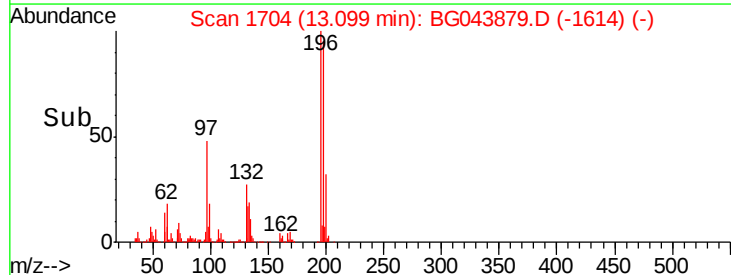
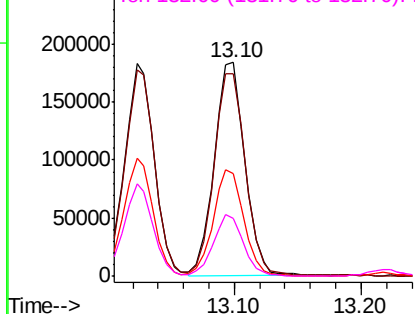


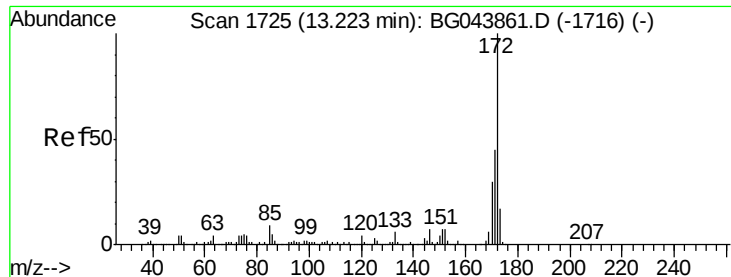
#44
 2,4,5-Trichlorophenol
 Concen: 38.915 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG043879.D
 Acq: 2 Jan 2020 17:36

Tgt Ion:196 Resp: 309050
 Ion Ratio Lower Upper
 196 100
 198 95.0 78.3 117.5
 97 48.0 38.8 58.2
 132 27.1 21.3 31.9



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

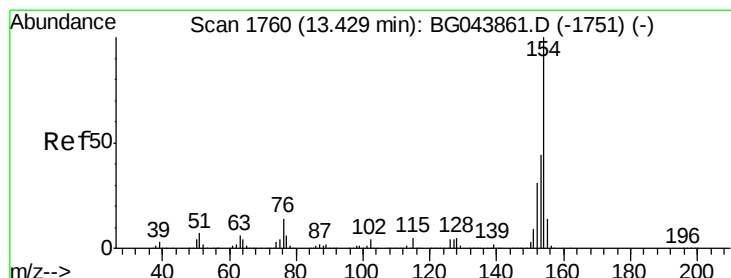
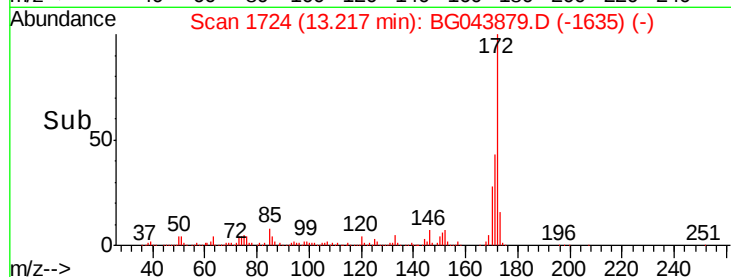
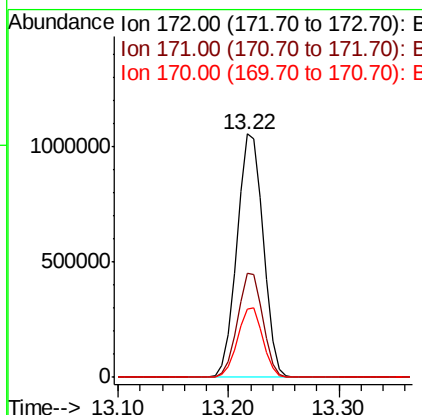
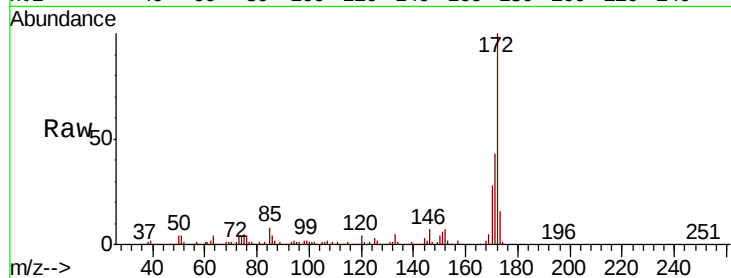




#45
2-Fluorobiphenyl
Concen: 83.554 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

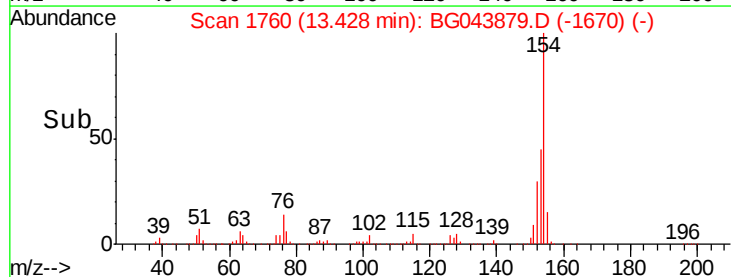
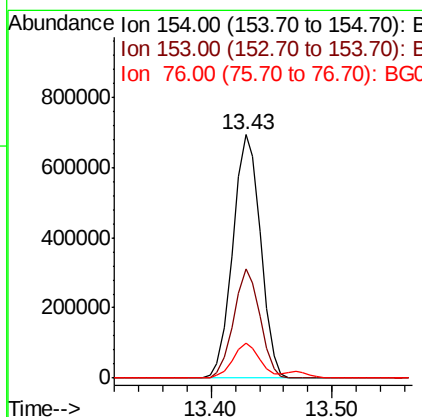
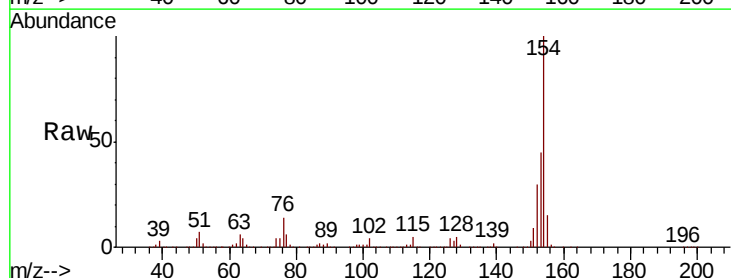
Instrument :
BNA_G
ClientSampled :

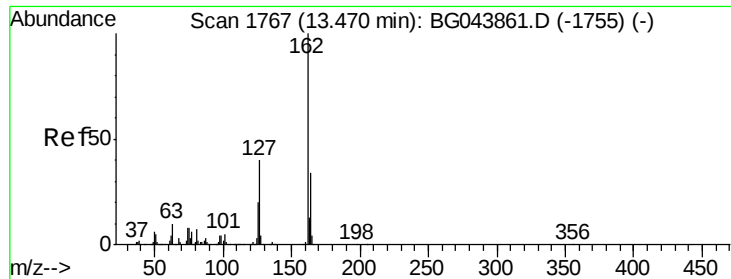
Tot Ion:172 Resp: 1760744
Ion Ratio Lower Upper
172 100
171 42.6 35.8 53.8
170 28.2 24.2 36.4



#46
1,1'-Biphenyl
Concen: 40.414 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Tgt Ion:154 Resp: 1106295
Ion Ratio Lower Upper
154 100
153 44.7 23.6 63.6
76 14.4 0.0 34.4

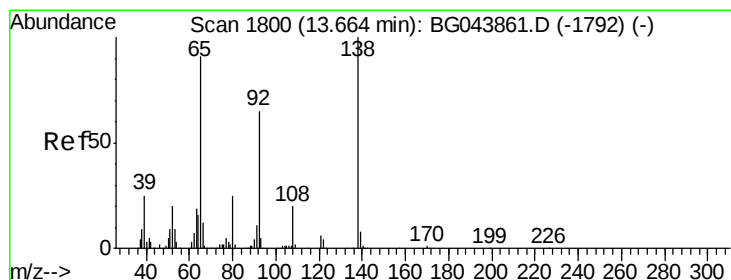
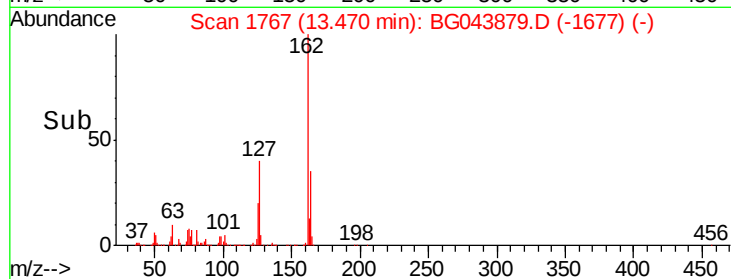
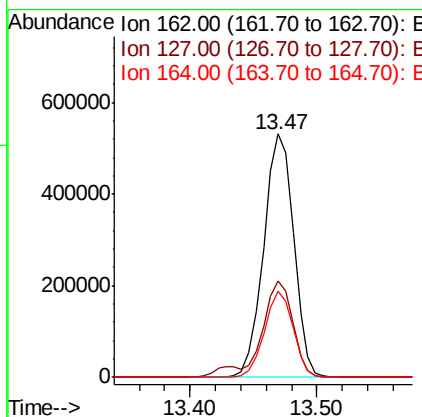
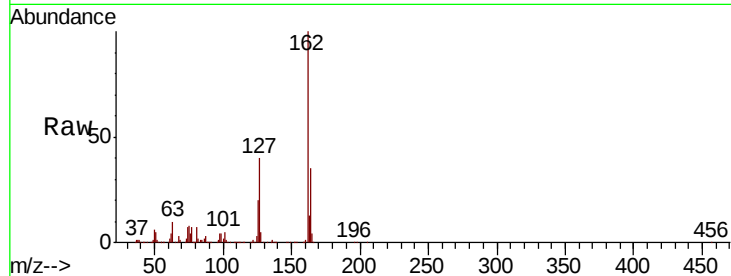




#47
 2-Chloronaphthalene
 Concen: 39.574 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG043879.D
 Acq: 2 Jan 2020 17:36

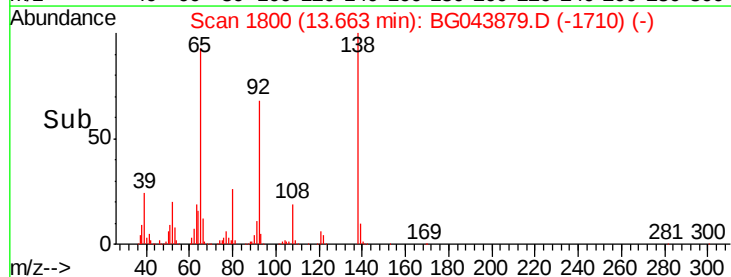
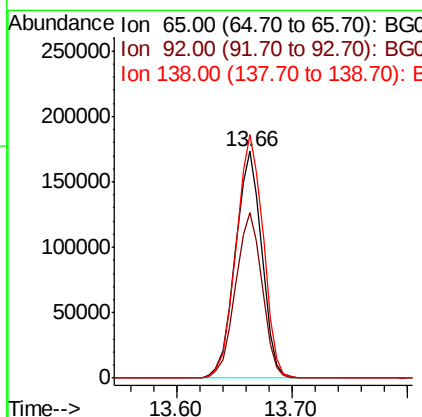
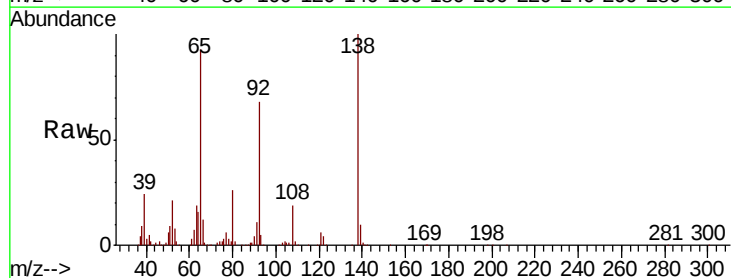
Instrument :
 BNA_G
 ClientSampleId :

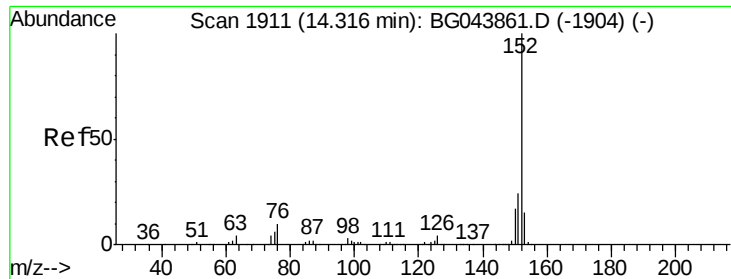
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.1	48.1
164	35.5	27.5	41.3



#48
 2-Nitroaniline
 Concen: 38.650 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG043879.D
 Acq: 2 Jan 2020 17:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	57.4	86.2
138	107.5	88.2	132.4





#49

Acenaphthylene

Concen: 40.592 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

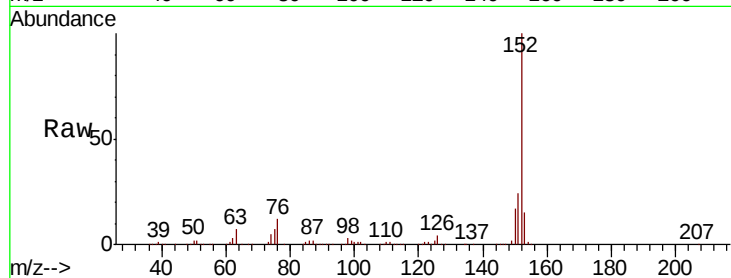
Tot Ion:152 Resp: 1290557

Ion Ratio Lower Upper

152 100

151 23.7 19.4 29.2

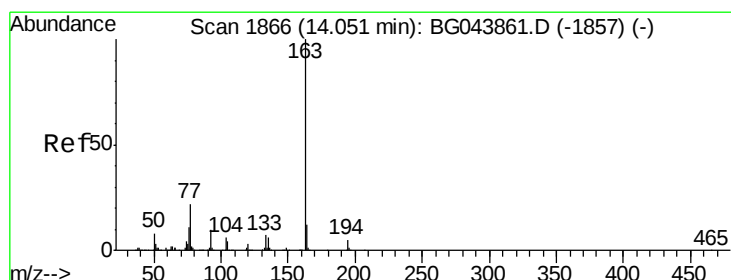
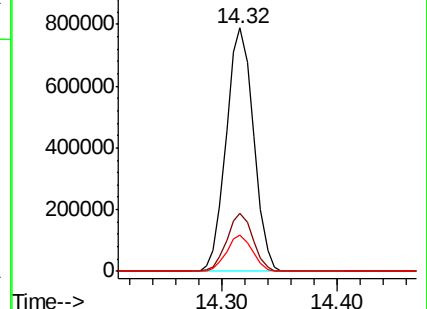
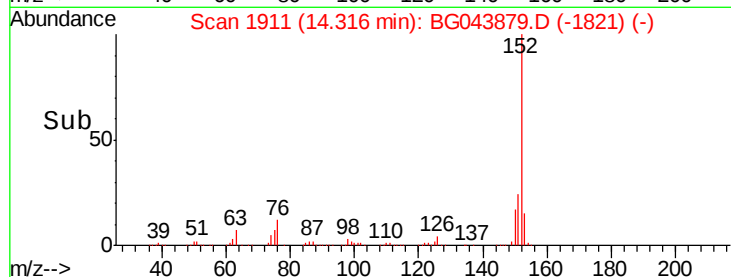
153 14.9 12.0 18.0



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: 40.646 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

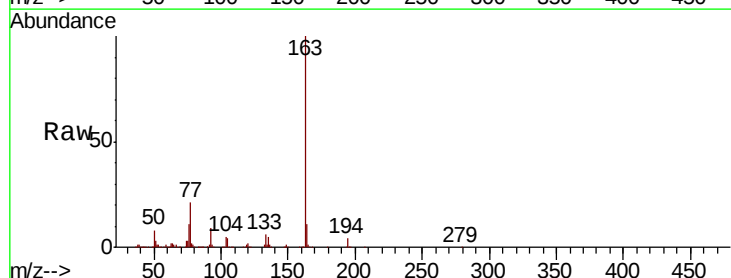
Tgt Ion:163 Resp: 1101869

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

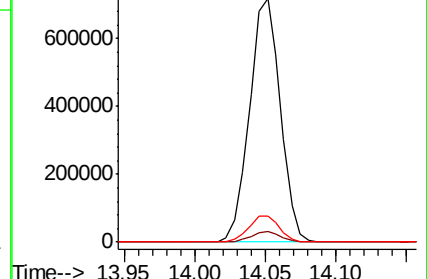
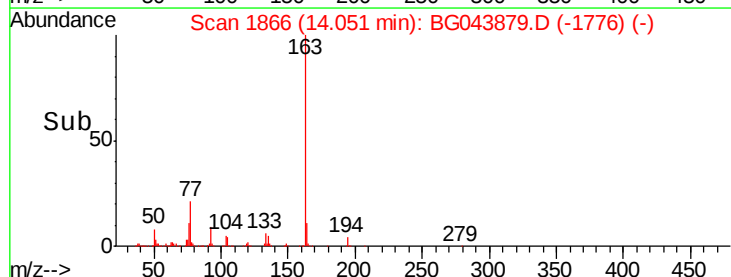
164 10.9 9.3 13.9



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: 38.971 ng

RT: 14.16 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

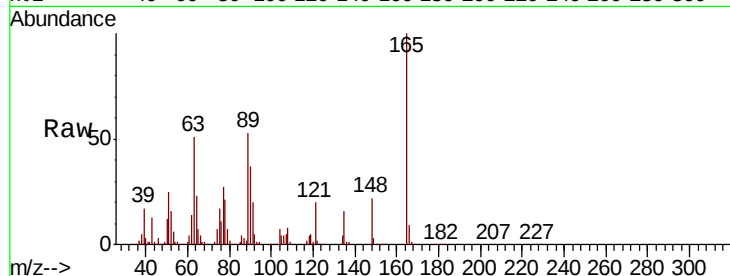
Tot Ion:165 Resp: 238787

Ion Ratio Lower Upper

165 100

63 50.7 43.1 64.7

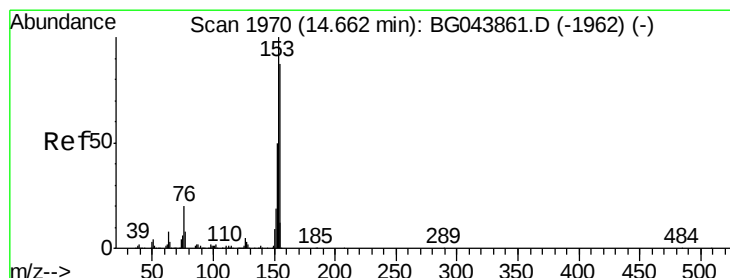
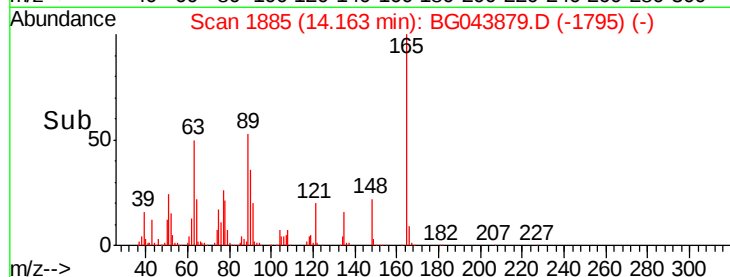
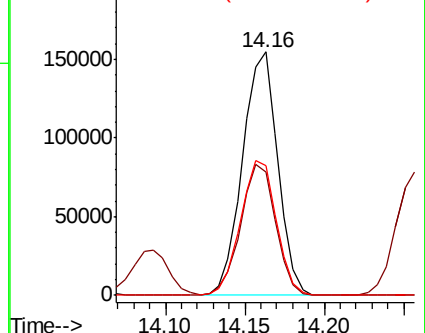
89 53.5 43.8 65.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.871 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

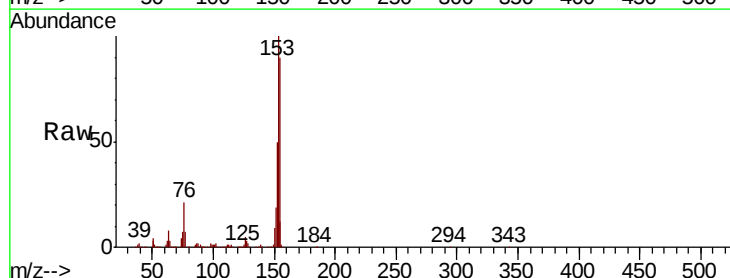
Tgt Ion:154 Resp: 888982

Ion Ratio Lower Upper

154 100

153 111.4 91.6 137.4

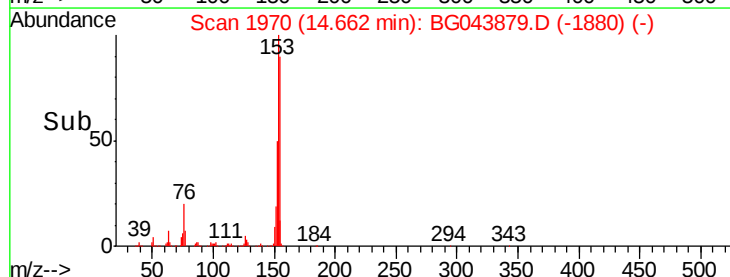
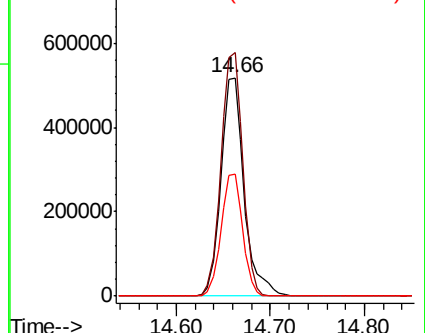
152 55.7 45.4 68.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

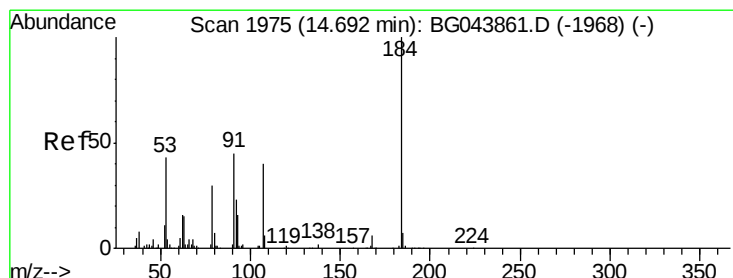
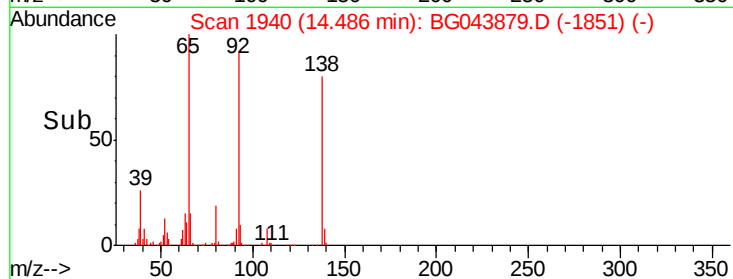
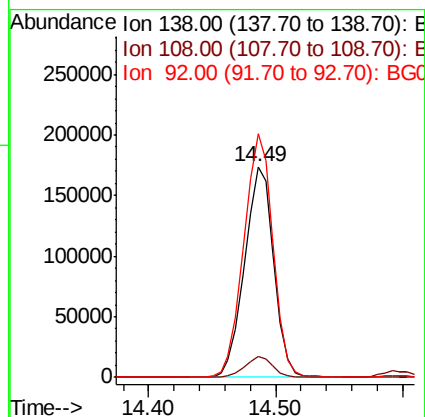
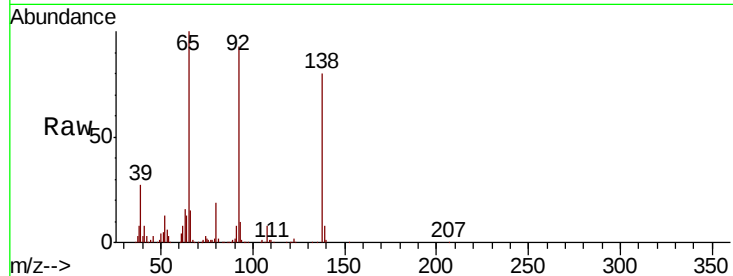




#53
3-Nitroaniline
Concen: 39.783 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

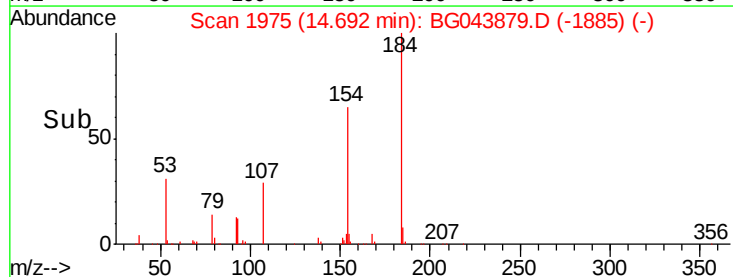
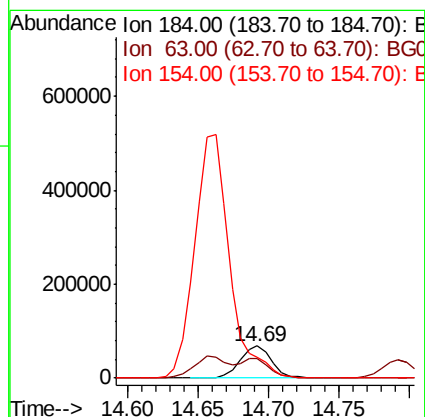
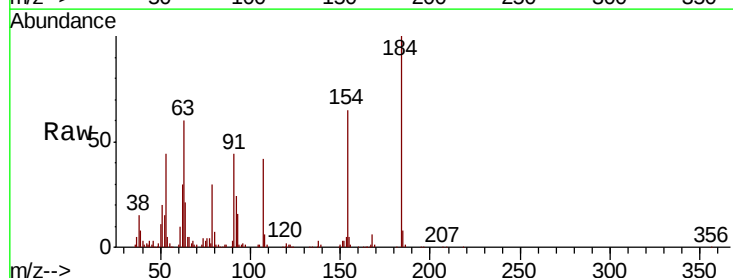
Instrument :
BNA_G
ClientSampleId :

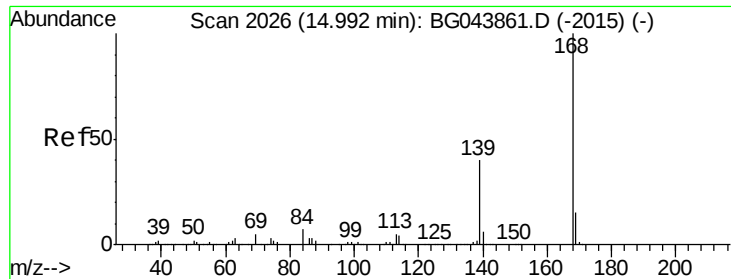
Tot Ion:138 Resp: 276814
Ion Ratio Lower Upper
138 100
108 9.7 7.4 11.2
92 115.4 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 38.471 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Tgt Ion:184 Resp: 106266
Ion Ratio Lower Upper
184 100
63 59.8 46.6 70.0
154 64.8 50.2 75.4

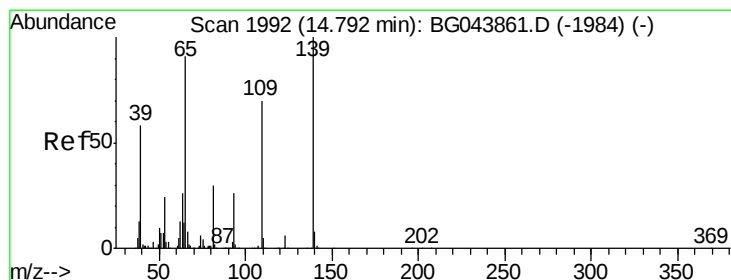
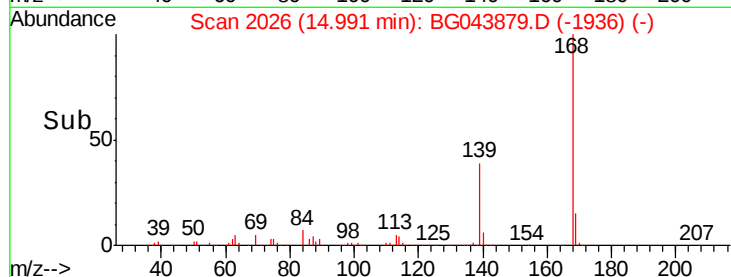
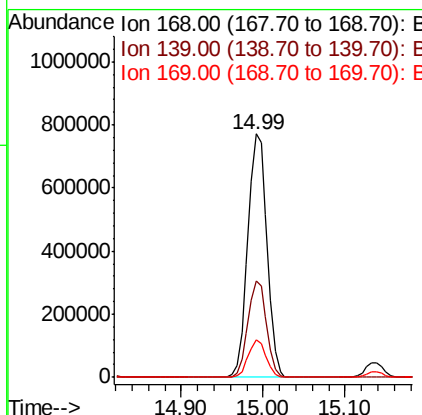
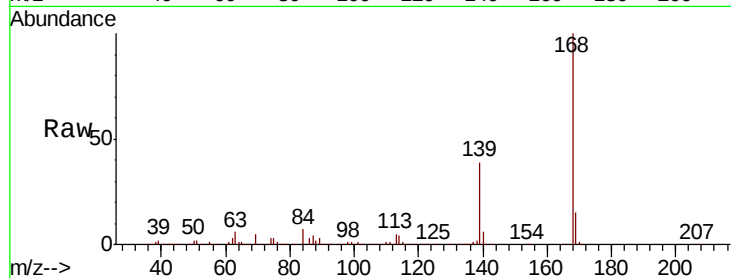




#55
Dibenzenofuran
Concen: 40.780 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

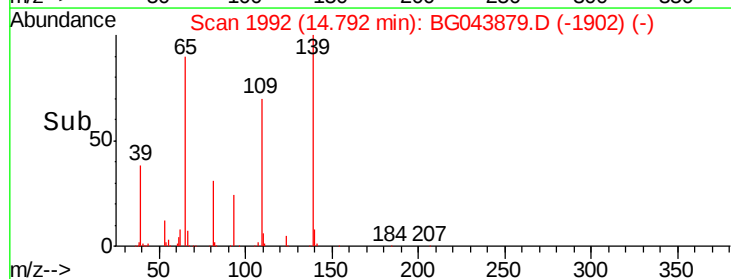
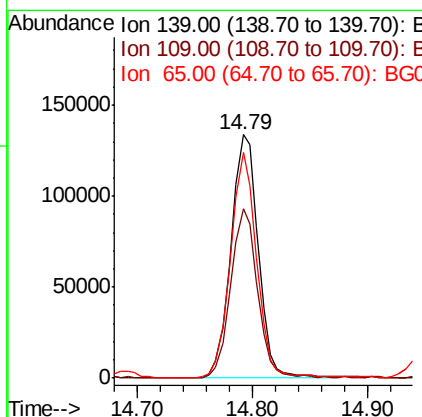
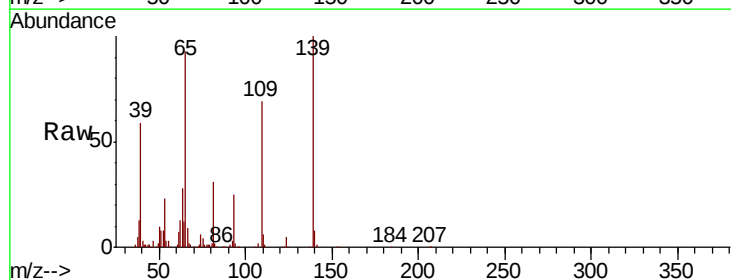
Instrument :
BNA_G
ClientSampled :

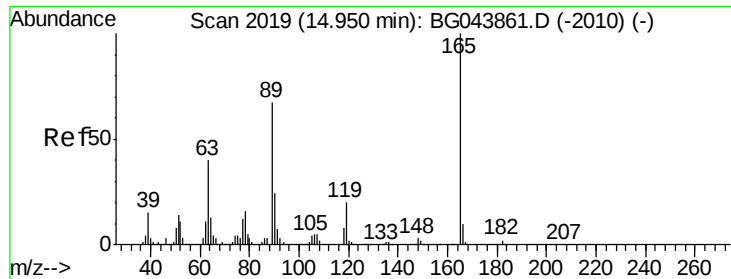
Tot Ion:168 Resp: 1251661
Ion Ratio Lower Upper
168 100
139 39.4 32.2 48.2
169 15.5 12.2 18.2



#56
4-Nitrophenol
Concen: 41.169 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Tgt Ion:139 Resp: 219515
Ion Ratio Lower Upper
139 100
109 69.4 50.4 90.4
65 92.9 71.4 111.4

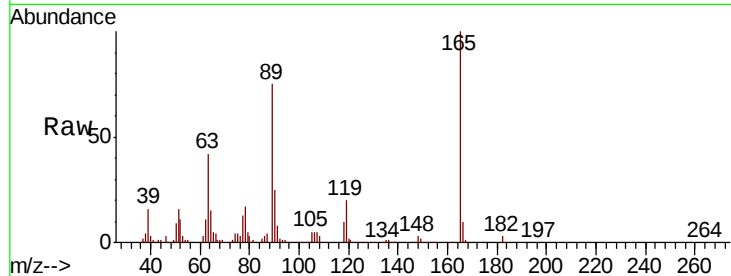




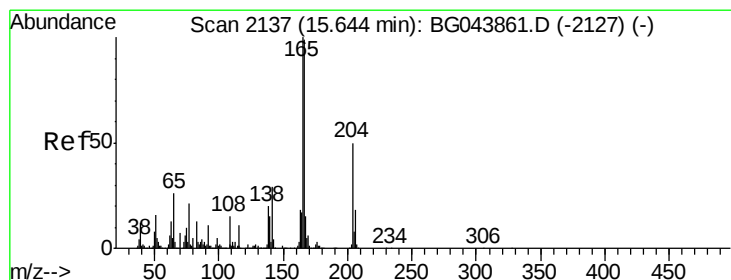
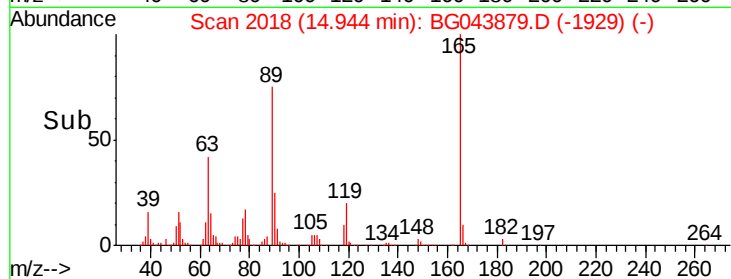
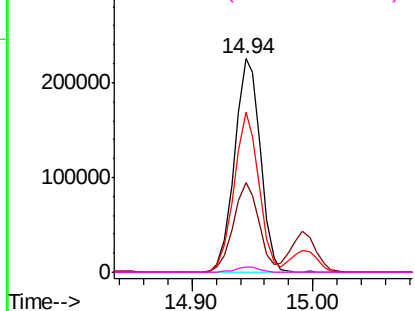
#57
2,4-Dinitrotoluene
Concen: 40.116 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 334461
Ion Ratio Lower Upper
165 100
63 41.7 31.9 47.9
89 74.8 53.8 80.6
182 2.6 2.0 3.0

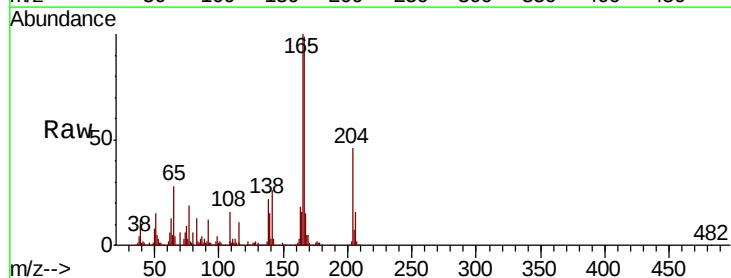


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

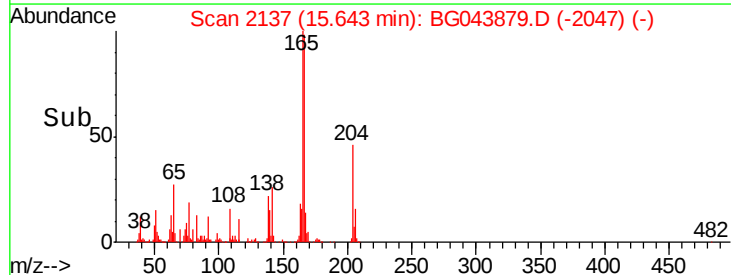
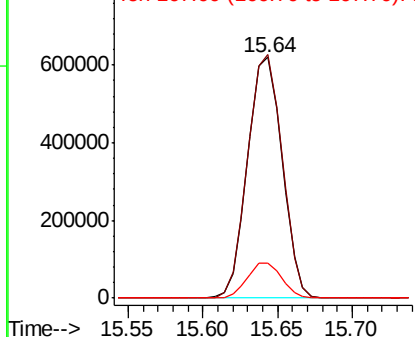


#58
Fluorene
Concen: 40.891 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Tgt Ion:166 Resp: 994782
Ion Ratio Lower Upper
166 100
165 101.1 80.8 121.2
167 14.8 12.1 18.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

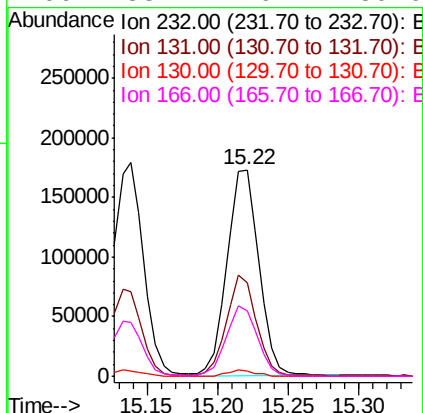
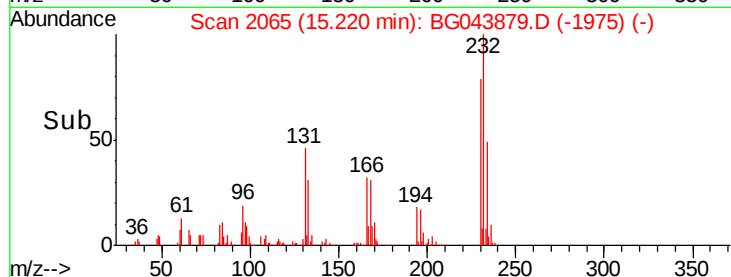
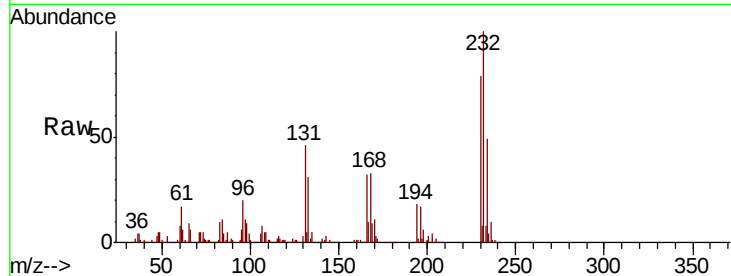




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.783 ng
RT: 15.22 min Scan# 2065
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

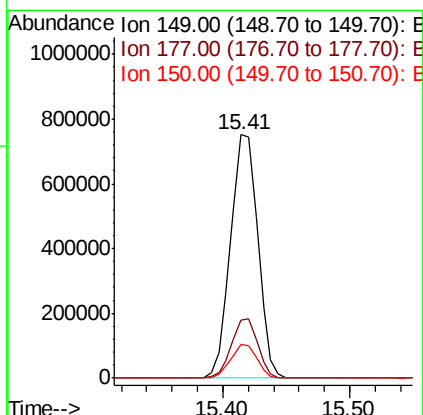
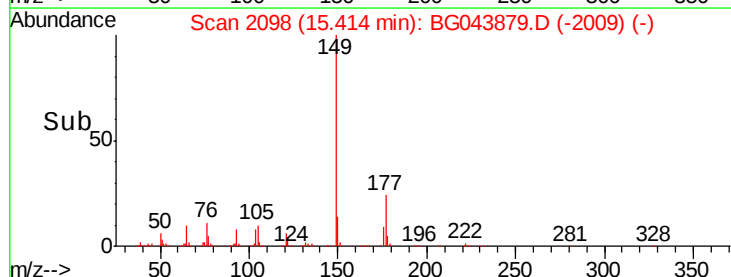
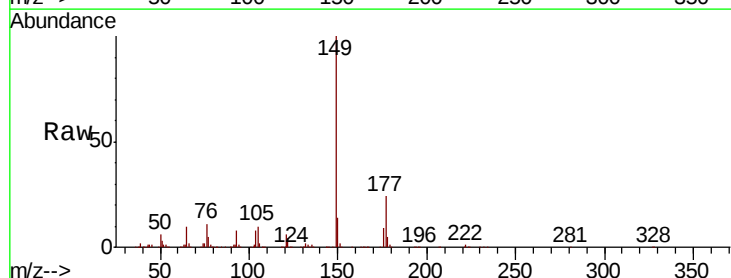
Instrument :
BNA_G
ClientSampleId :

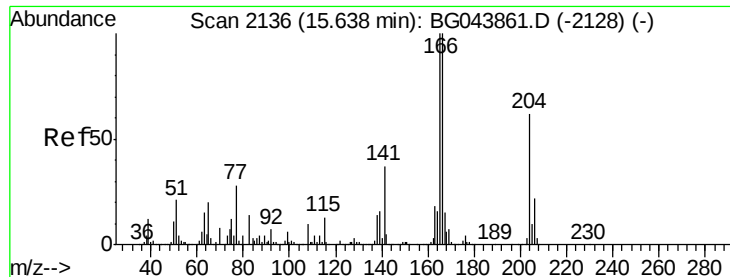
Tot Ion:232 Resp: 271671
Ion Ratio Lower Upper
232 100
131 46.5 38.2 57.2
130 2.7 2.2 3.2
166 33.4 26.4 39.6



#60
Diethylphthalate
Concen: 41.115 ng
RT: 15.41 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Tgt Ion:149 Resp: 1114800
Ion Ratio Lower Upper
149 100
177 24.0 20.0 30.0
150 13.7 11.1 16.7

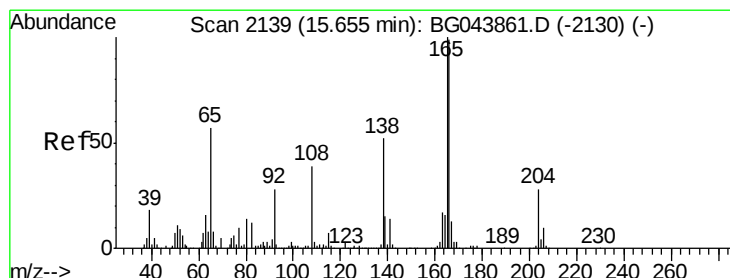
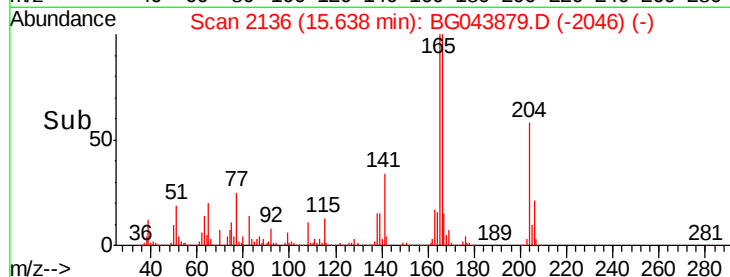
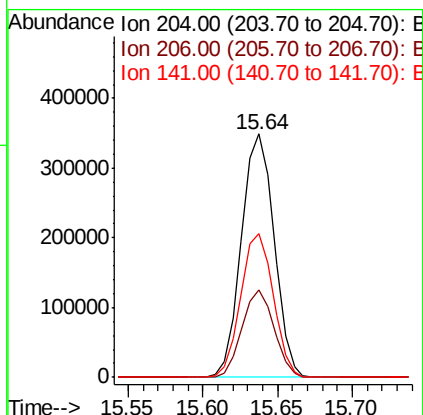
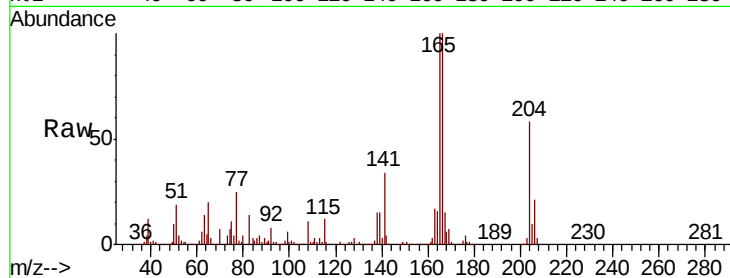




#61
4-Chlorophenyl-phenylether
Concen: 40.036 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

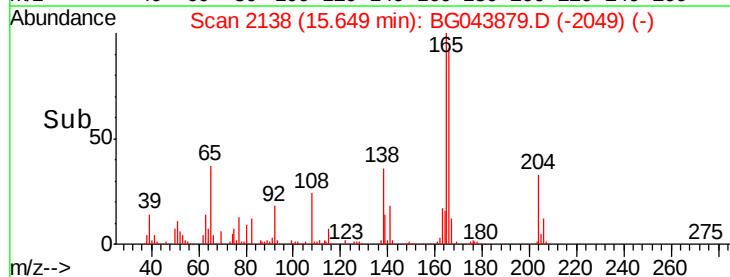
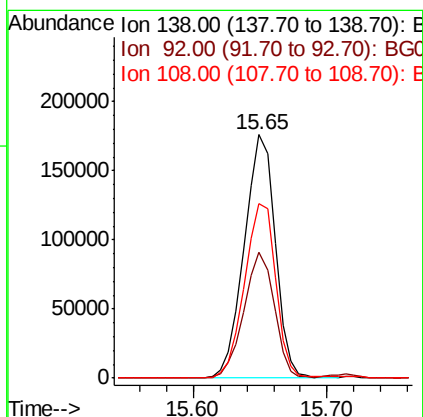
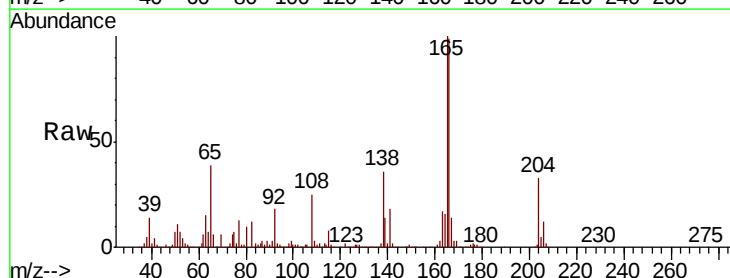
Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 528864
Ion Ratio Lower Upper
204 100
206 35.8 28.2 42.2
141 58.9 48.2 72.2



#62
4-Nitroaniline
Concen: 41.122 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Tgt Ion:138 Resp: 282558
Ion Ratio Lower Upper
138 100
92 51.6 34.3 74.3
108 71.4 55.0 95.0





#63

Azobenzene

Concen: 41.113 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1033819

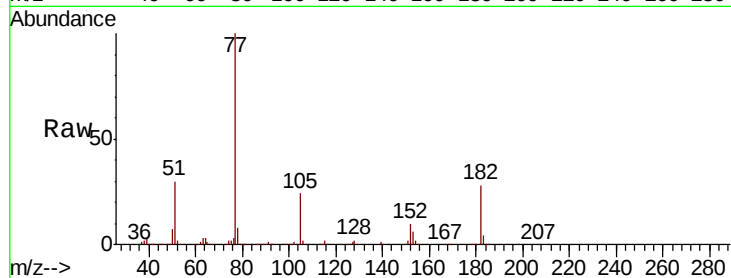
Ion	Ratio	Lower	Upper
77	100		
182	28.5	7.3	47.3
105	23.5	3.2	43.2
51	30.1	10.6	50.6

77 100

182 28.5 7.3 47.3

105 23.5 3.2 43.2

51 30.1 10.6 50.6

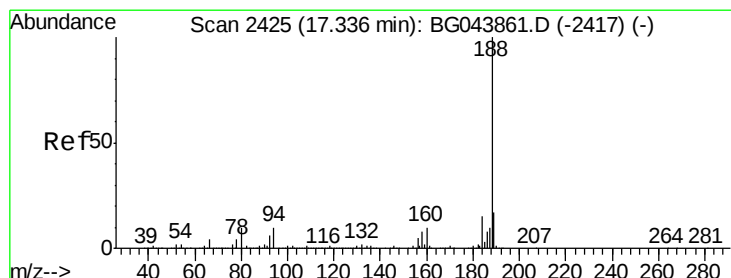
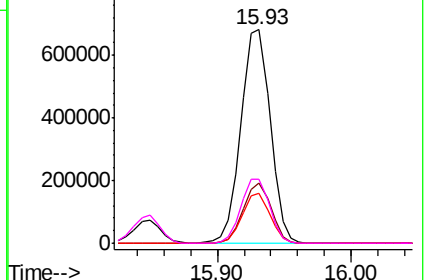
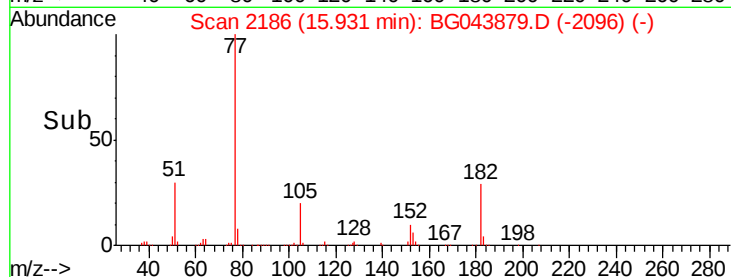


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043879.D

Acq: 2 Jan 2020 17:36

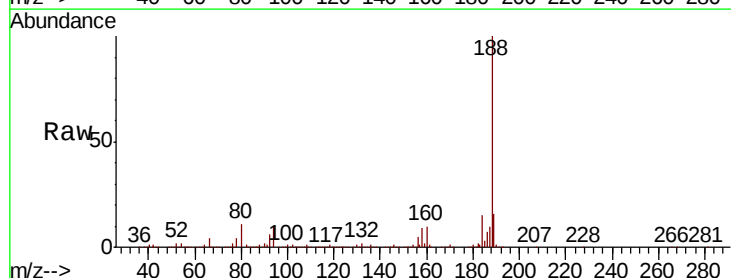
Tgt Ion: 188 Resp: 786716

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	11.1	8.2	12.4

188 100

94 9.6 7.9 11.9

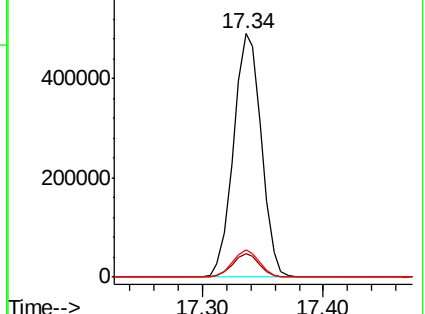
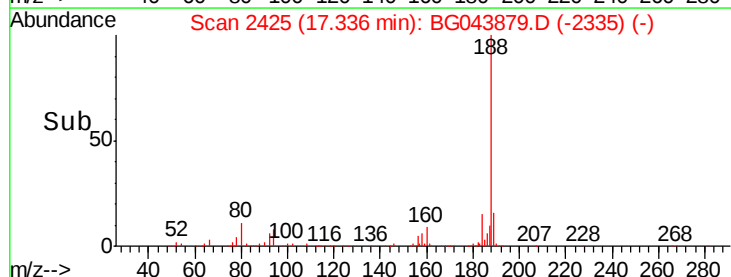
80 11.1 8.2 12.4

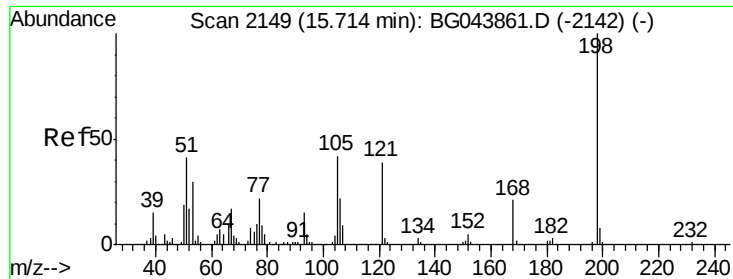


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

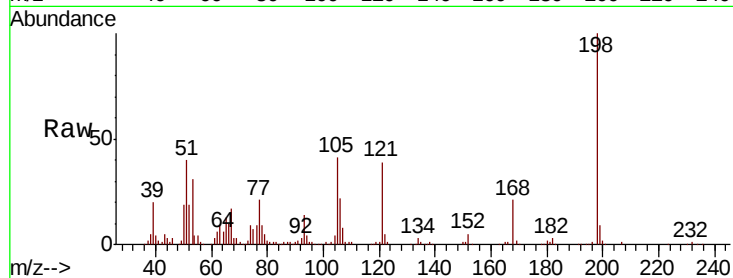




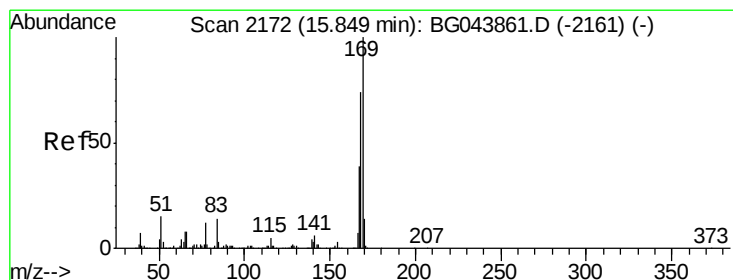
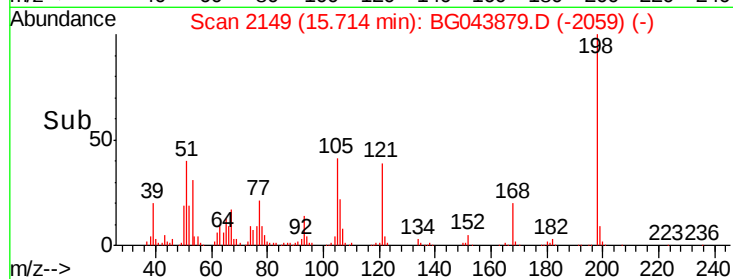
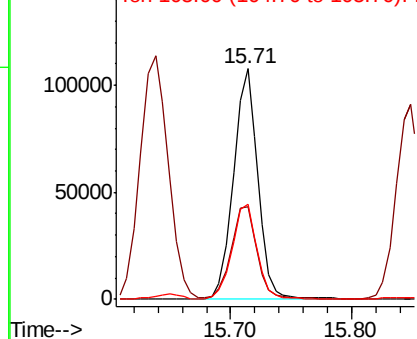
#65
4,6-Dinitro-2-methylphenol
Concen: 39.457 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 150970
Ion Ratio Lower Upper
198 100
51 40.3 22.5 62.5
105 41.3 22.3 62.3

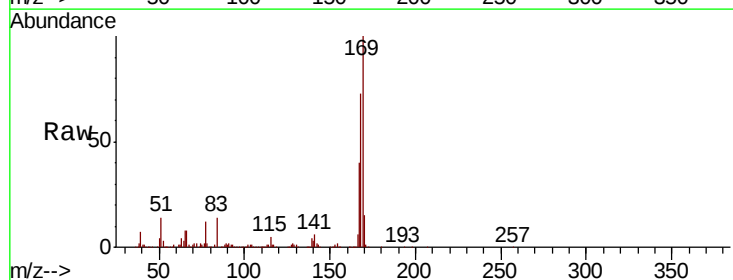


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

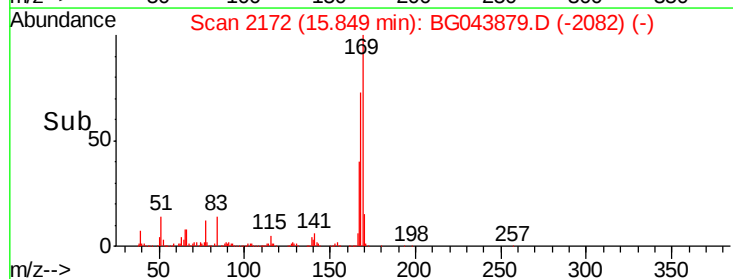
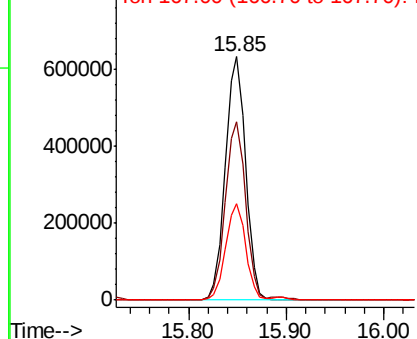


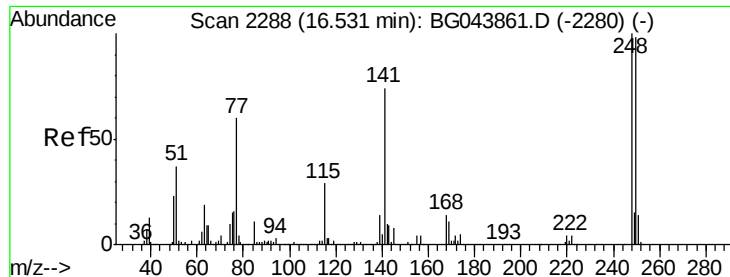
#66
n-Nitrosodiphenylamine
Concen: 39.311 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Tgt Ion:169 Resp: 910743
Ion Ratio Lower Upper
169 100
168 73.1 59.0 88.6
167 39.7 31.4 47.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

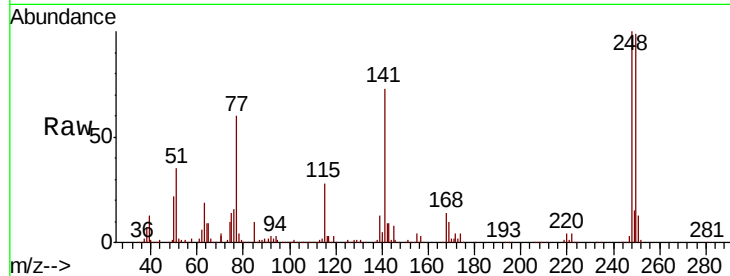




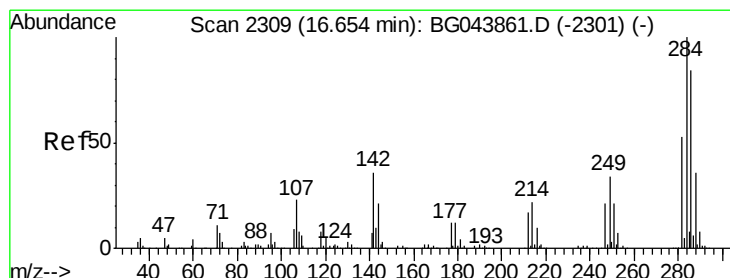
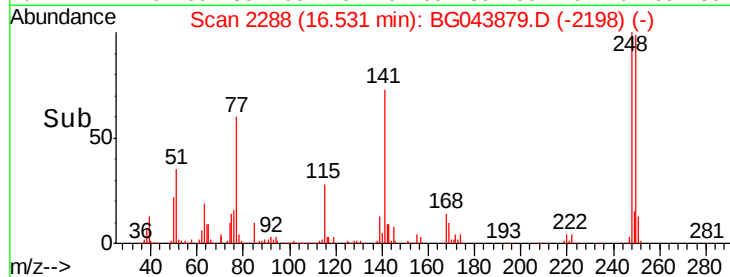
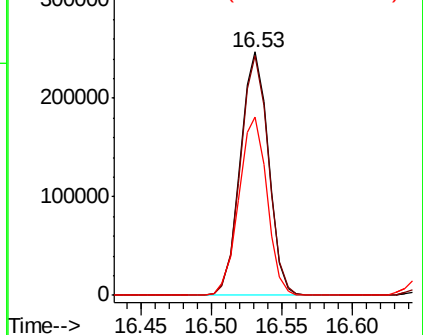
#67
4-Bromophenyl-phenylether
Concen: 38.943 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 344571
Ion Ratio Lower Upper
248 100
250 98.7 78.2 117.2
141 73.3 59.3 88.9

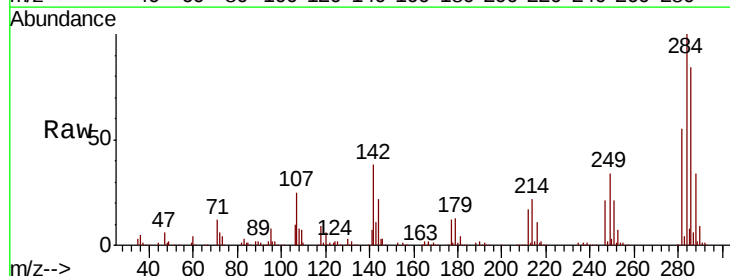


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

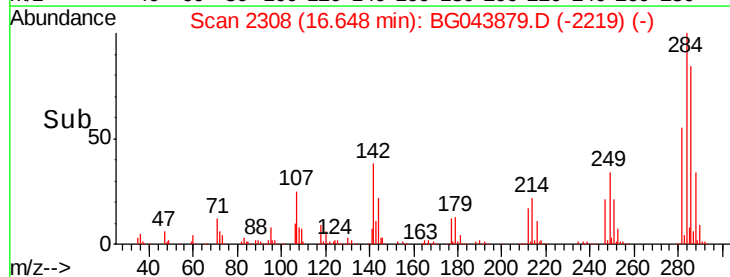
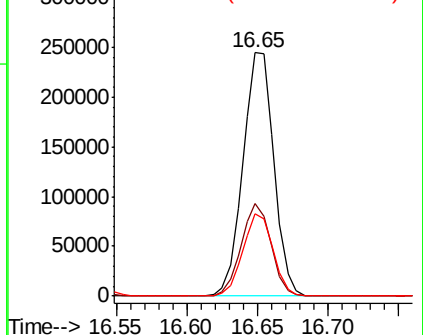


#68
Hexachlorobenzene
Concen: 39.221 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Tgt Ion:284 Resp: 373936
Ion Ratio Lower Upper
284 100
142 38.1 28.6 43.0
249 33.9 27.0 40.6



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





#69

Atrazine

Concen: 41.045 ng

RT: 16.80 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

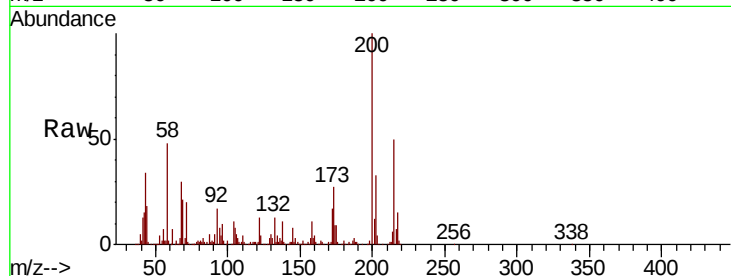
Tot Ion:200 Resp: 309098

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

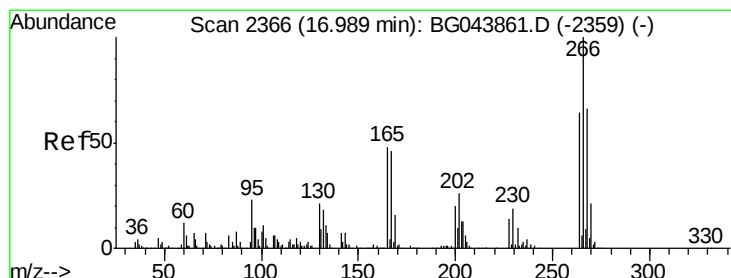
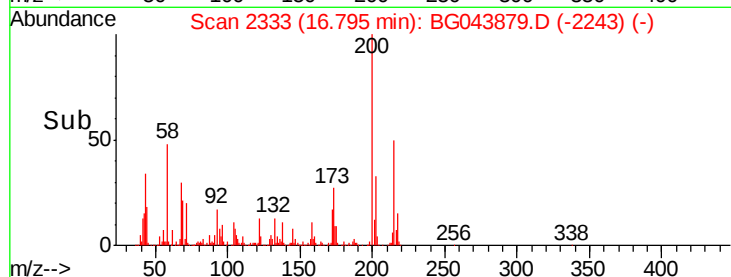
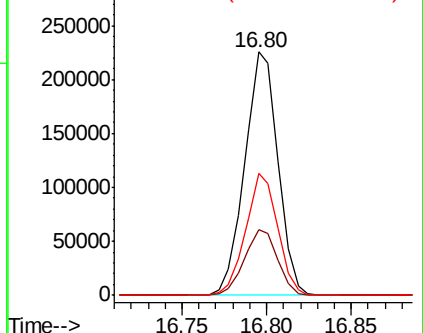
215 50.3 28.6 68.6



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: 40.678 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

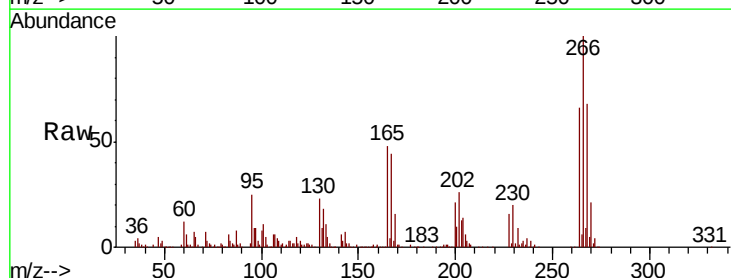
Tgt Ion:266 Resp: 213792

Ion Ratio Lower Upper

266 100

268 67.6 52.6 79.0

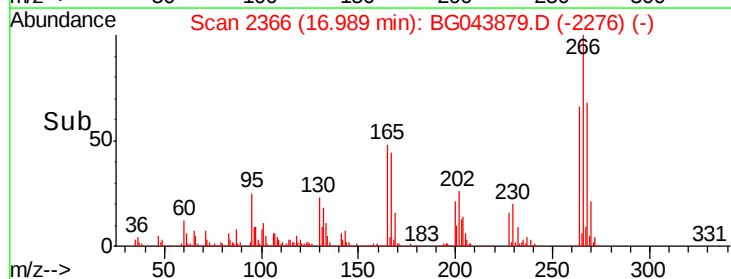
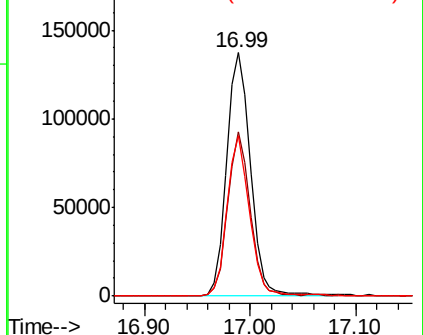
264 65.9 50.8 76.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

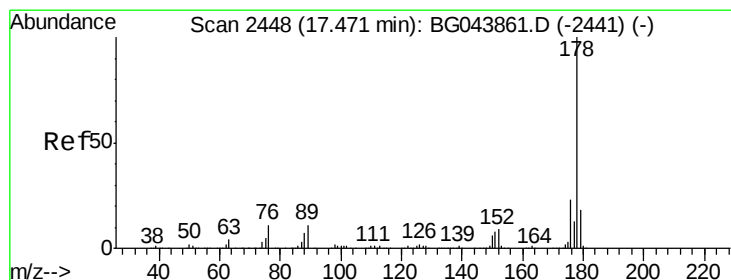
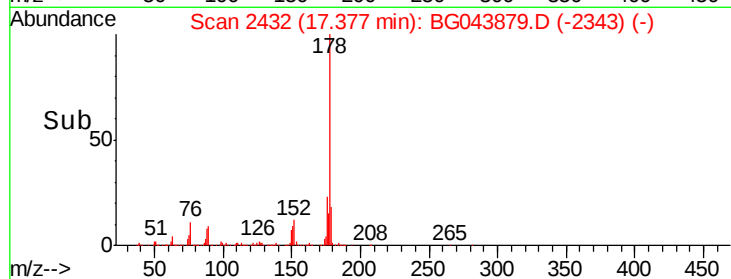
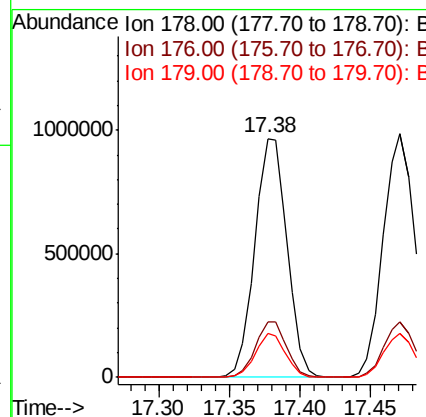
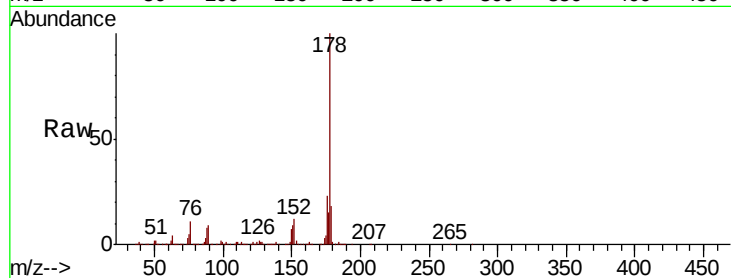




#71
Phenanthrene
Concen: 41.107 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

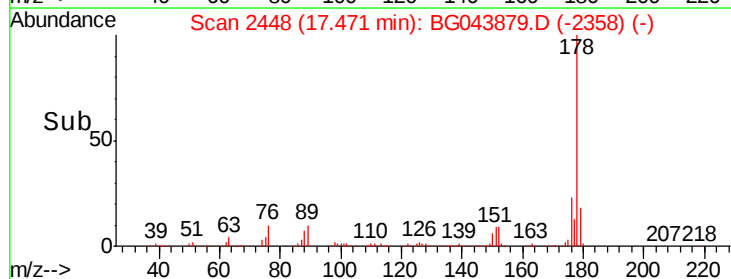
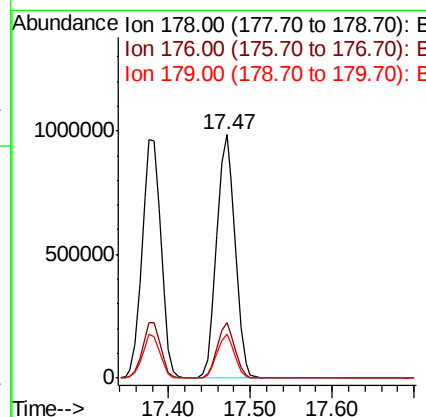
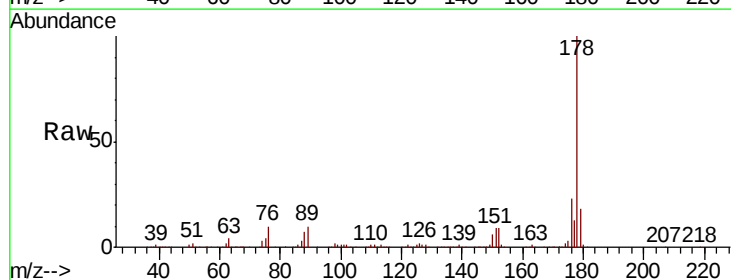
Instrument :
BNA_G
ClientSampleId :

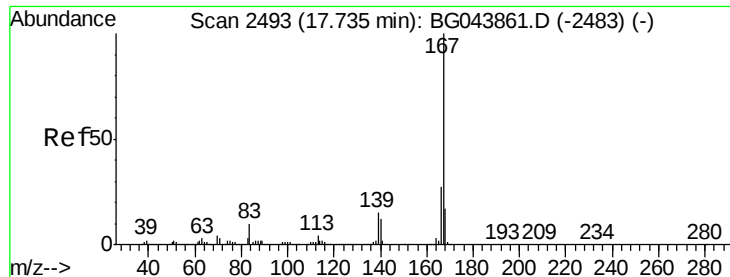
Tot Ion:178 Resp: 1551175
Ion Ratio Lower Upper
178 100
176 23.5 18.6 28.0
179 18.2 14.4 21.6



#72
Anthracene
Concen: 41.487 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Tgt Ion:178 Resp: 1547159
Ion Ratio Lower Upper
178 100
176 22.6 18.3 27.5
179 17.9 14.6 22.0

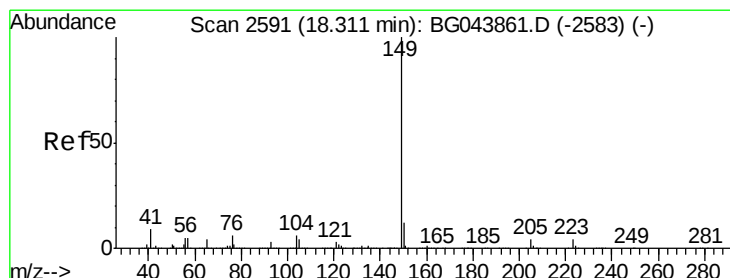
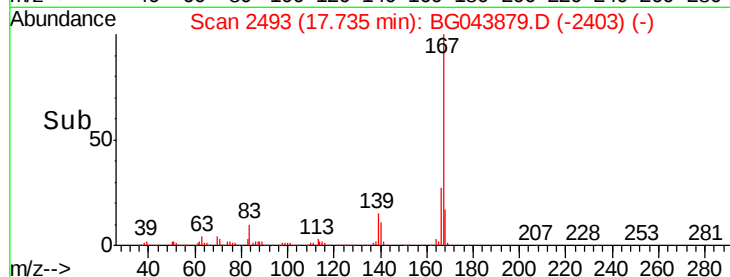
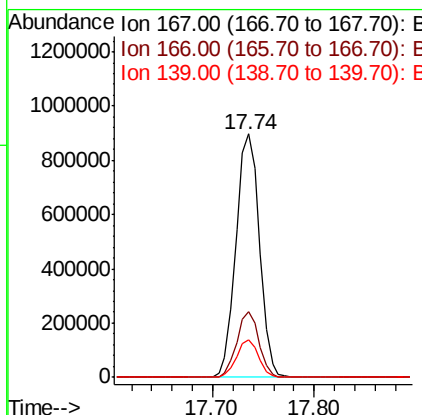
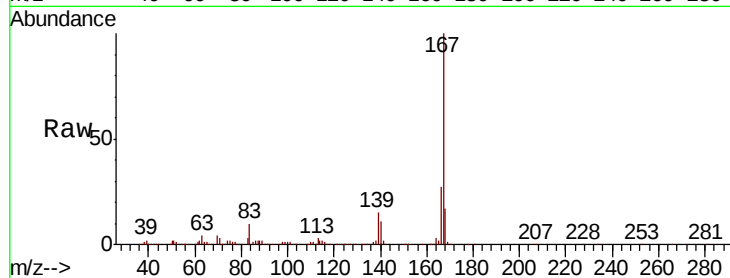




#73
 Carbazole
 Concen: 41.832 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG043879.D
 Acq: 2 Jan 2020 17:36

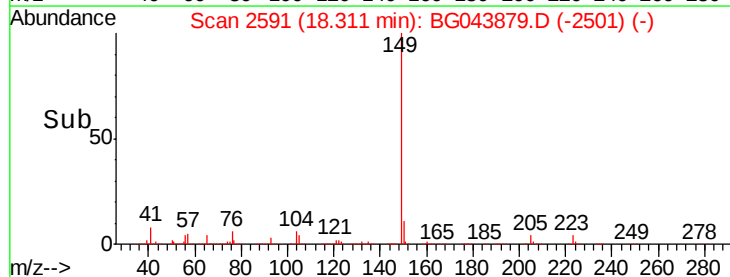
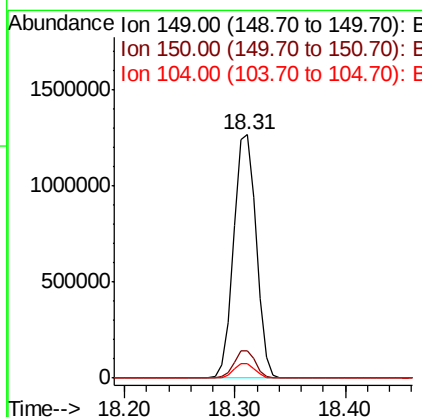
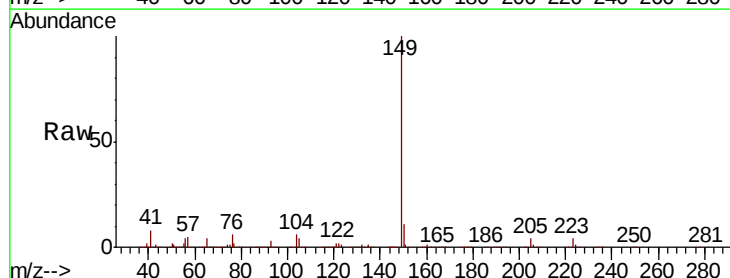
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:167 Resp: 1441033
 Ion Ratio Lower Upper
 167 100
 166 27.0 21.6 32.4
 139 15.2 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 41.388 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. -0.00 min
 Lab File: BG043879.D
 Acq: 2 Jan 2020 17:36

Tgt Ion:149 Resp: 1820307
 Ion Ratio Lower Upper
 149 100
 150 11.4 9.7 14.5
 104 6.2 5.0 7.4





#75

Fluoranthene

Concen: 41.128 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

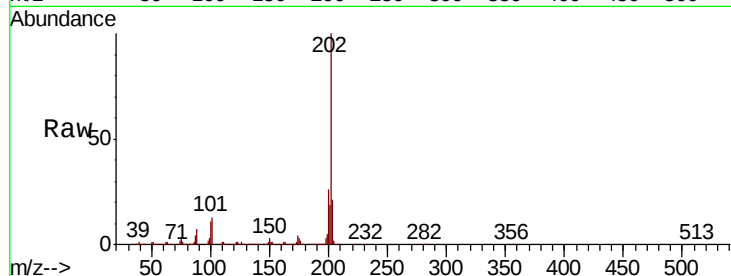
Tot Ion:202 Resp: 1774870

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.3
203	21.4	1.6	41.6

202 100

101 13.1 0.0 33.3

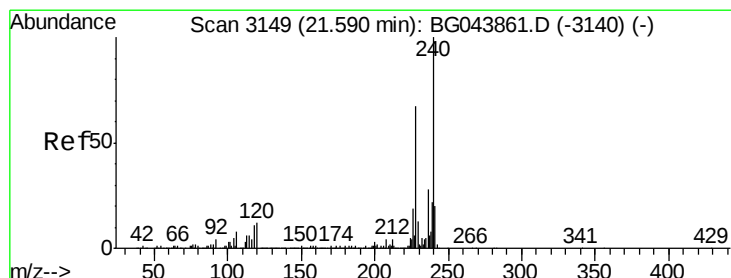
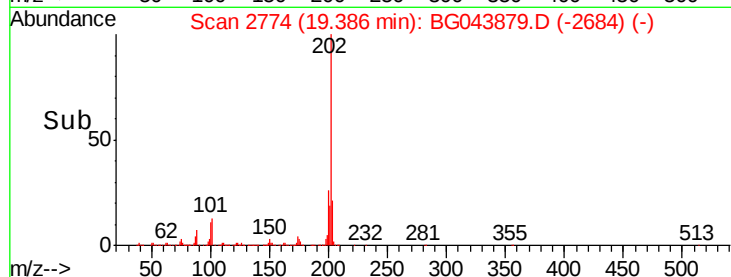
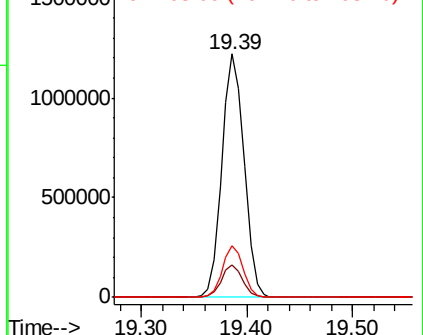
203 21.4 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

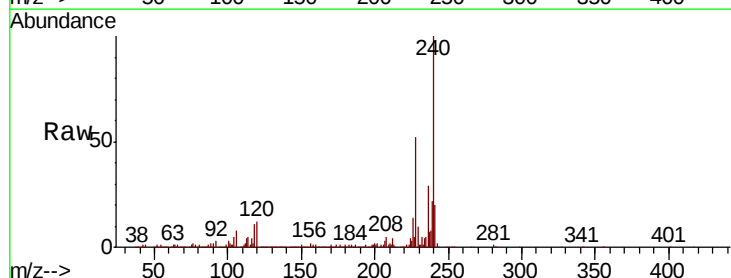
Tgt Ion:240 Resp: 682662

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.6	14.4
236	28.5	22.2	33.2

240 100

120 11.6 9.6 14.4

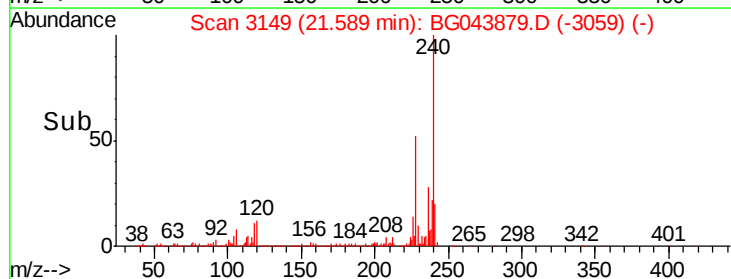
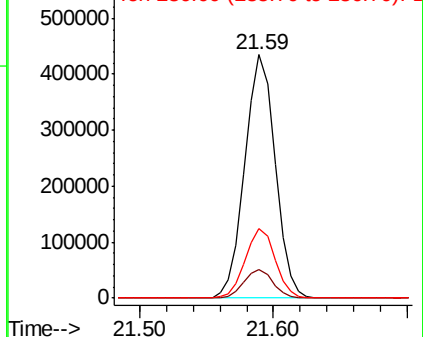
236 28.5 22.2 33.2

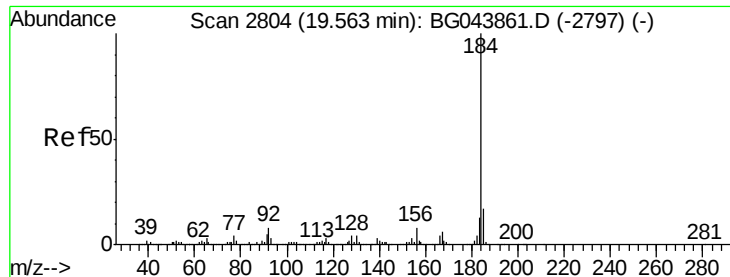


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.699 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

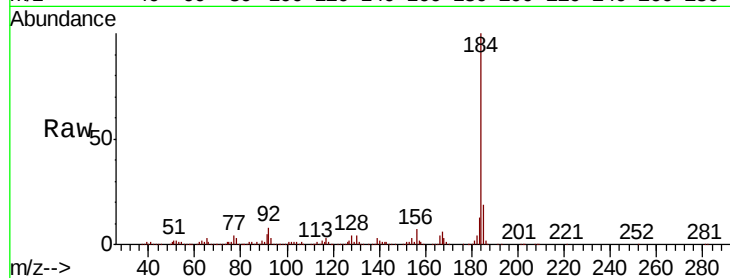
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 732681

Ion	Ratio	Lower	Upper
184	100		
185	19.2	13.4	20.0
183	13.5	10.6	15.8

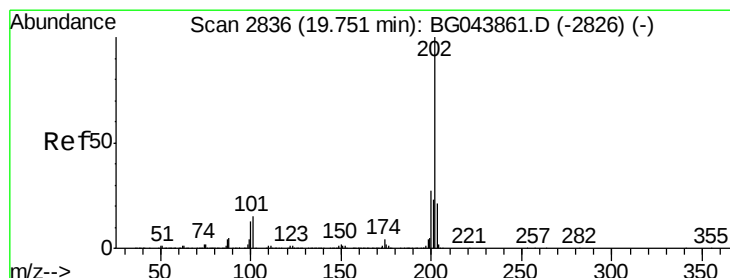
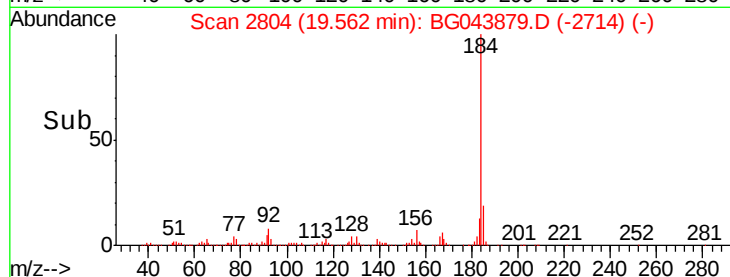
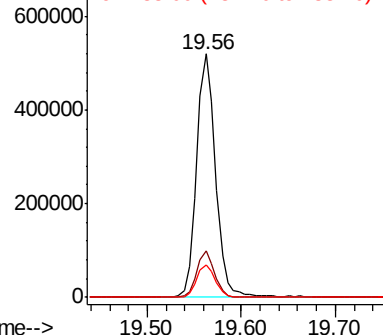


Abundance

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: 40.068 ng

RT: 19.74 min Scan# 2835

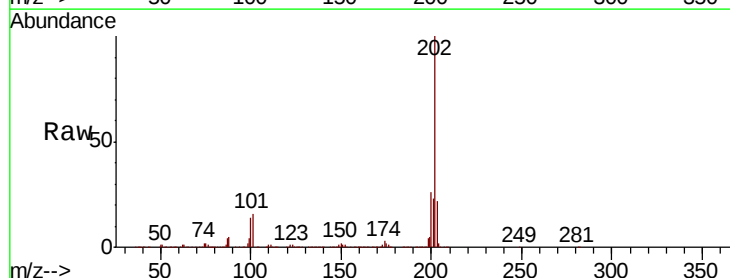
Delta R.T. -0.01 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Tgt Ion:202 Resp: 1785415

Ion	Ratio	Lower	Upper
202	100		
200	26.1	21.7	32.5
203	21.5	17.0	25.6

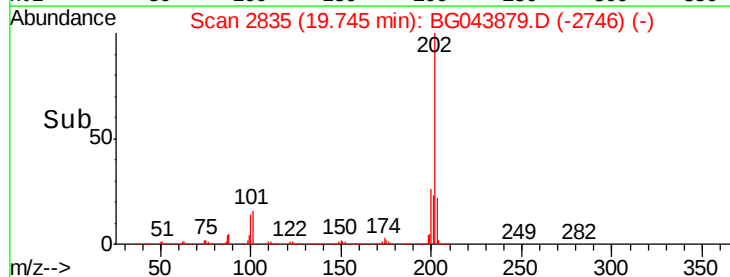
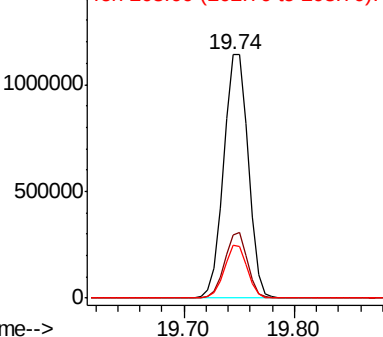


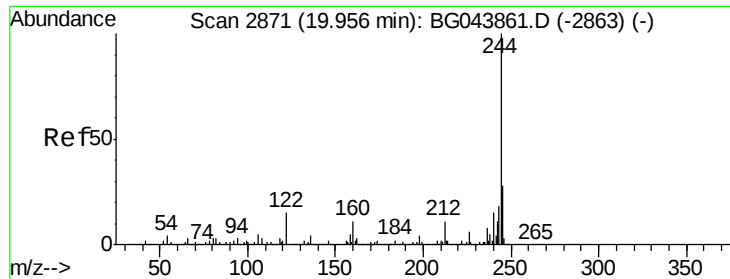
Abundance

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: 82.312 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

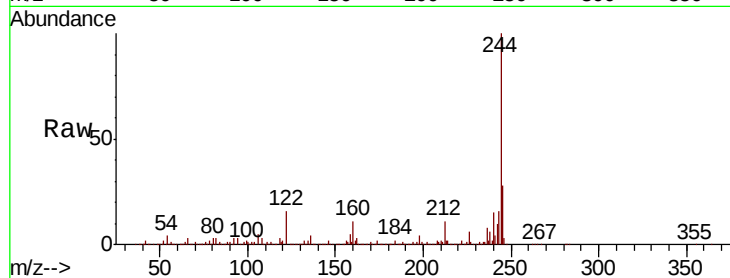
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2327567

Ion	Ratio	Lower	Upper
244	100		
212	11.2	8.6	13.0
122	16.0	11.9	17.9

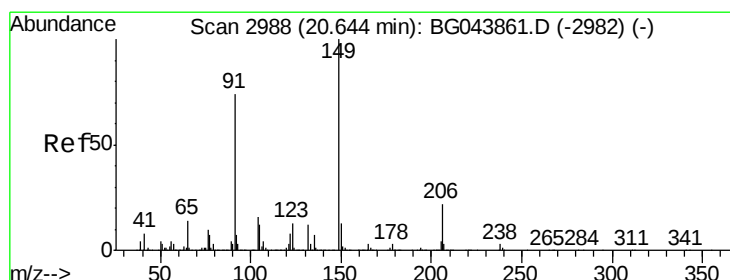
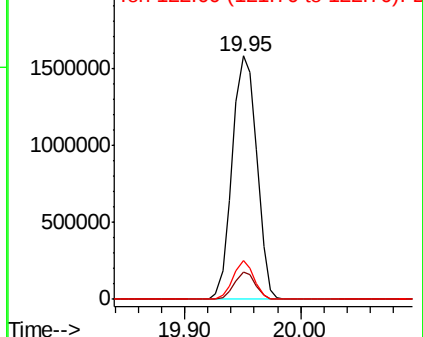
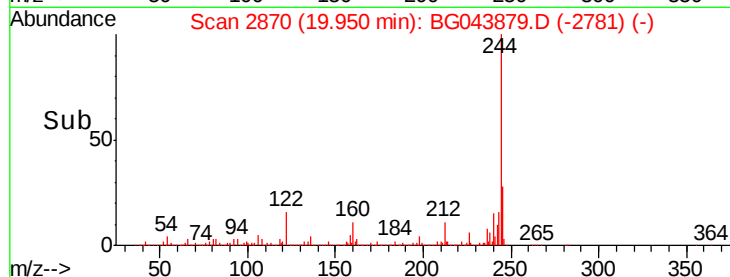


Abundance

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: 39.673 ng

RT: 20.64 min Scan# 2988

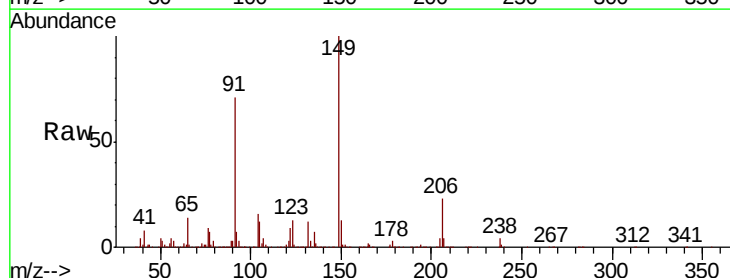
Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Tgt Ion:149 Resp: 841645

Ion	Ratio	Lower	Upper
149	100		
91	71.4	59.5	89.3
206	23.3	17.8	26.6

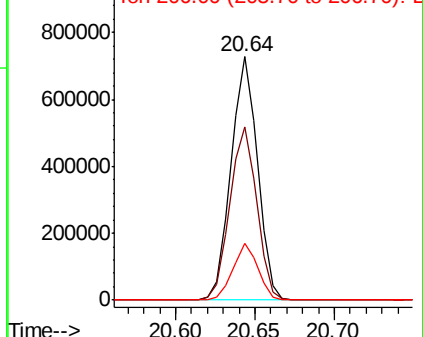
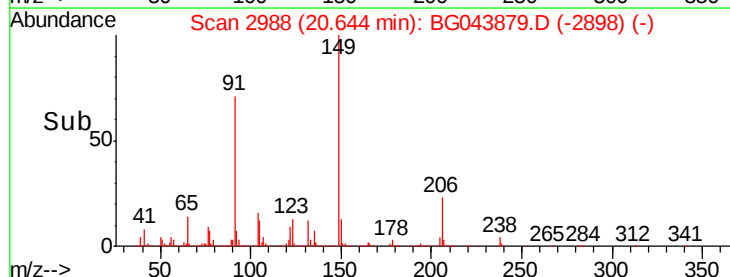


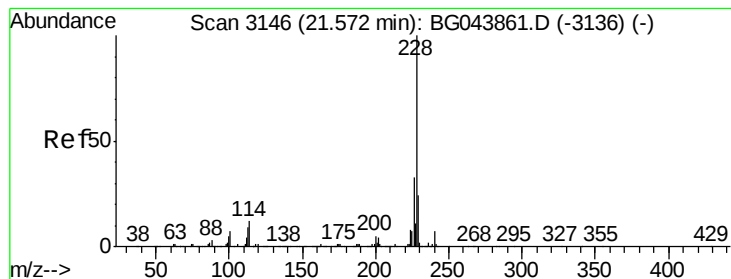
Abundance

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: 40.910 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

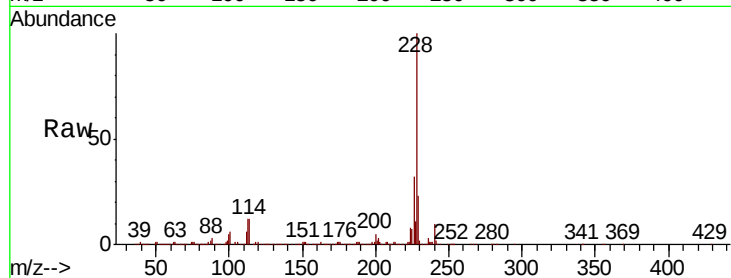
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1731729

Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.2	39.4
229	23.3	18.9	28.3

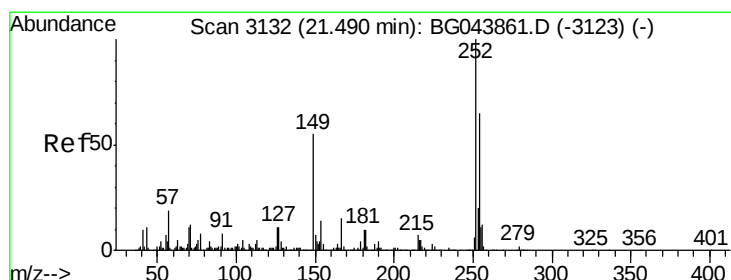
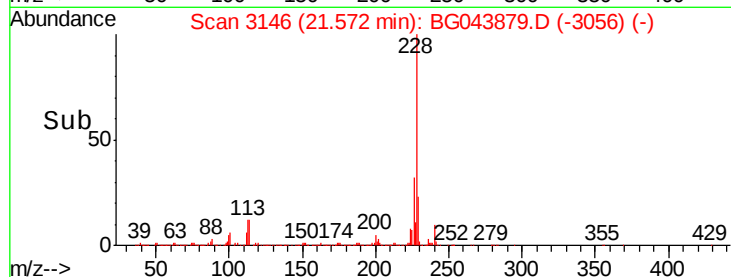
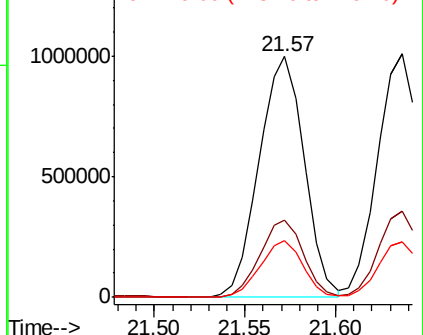


Abundance

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: 40.301 ng

RT: 21.49 min Scan# 3132

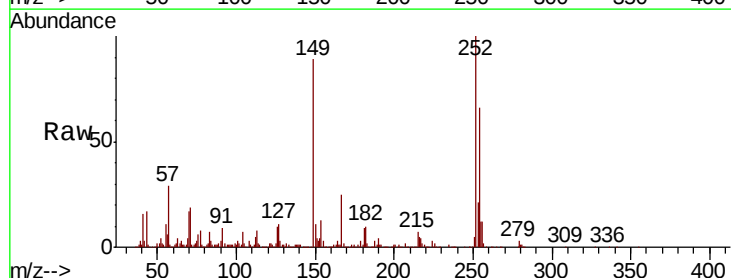
Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Tgt Ion:252 Resp: 673979

Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.1	78.1
126	10.4	9.1	13.7

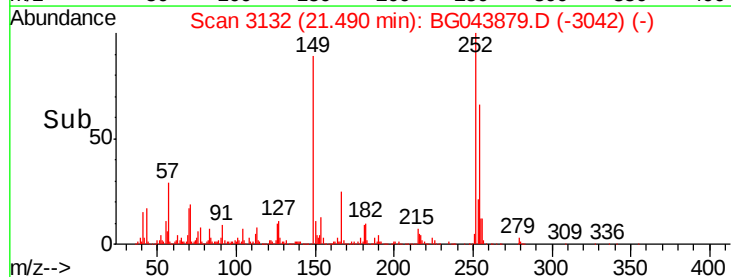
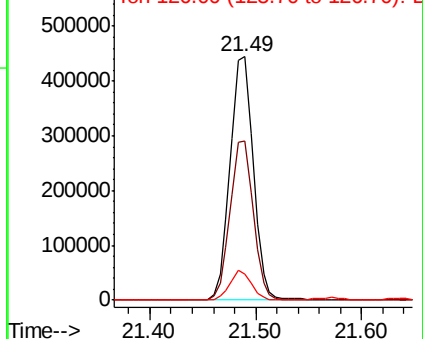


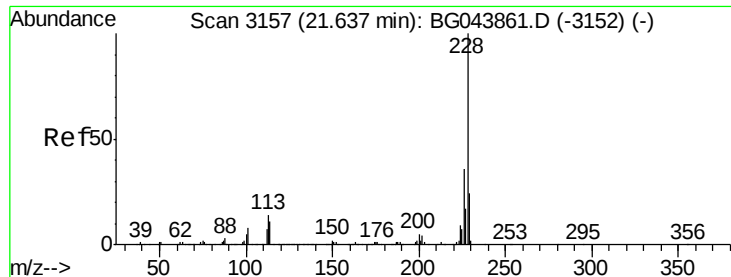
Abundance

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: 41.296 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

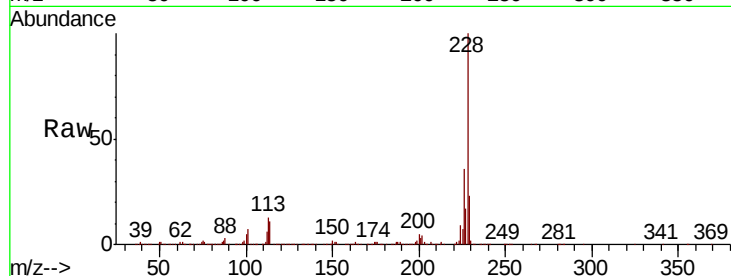
Tot Ion:228 Resp: 1660996

Ion	Ratio	Lower	Upper
228	100		
226	35.6	28.8	43.2
229	23.0	19.0	28.6

228 100

226 35.6 28.8 43.2

229 23.0 19.0 28.6

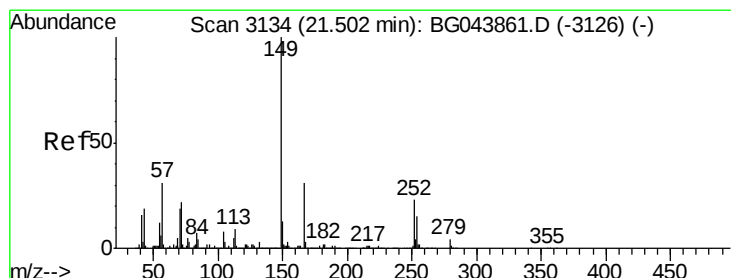
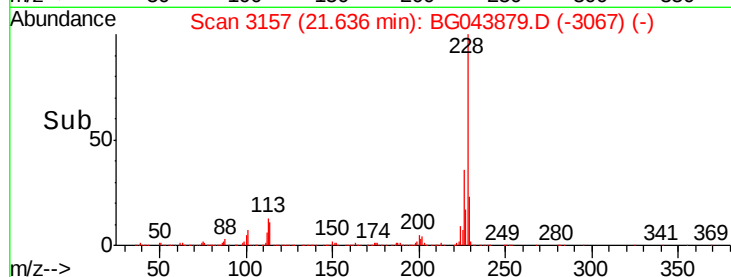
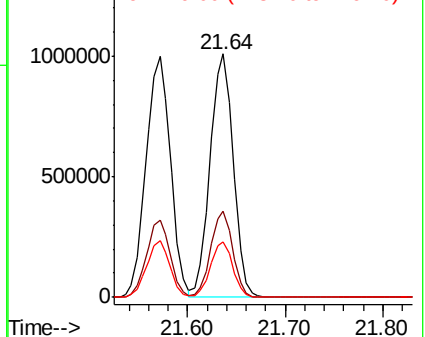


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.543 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

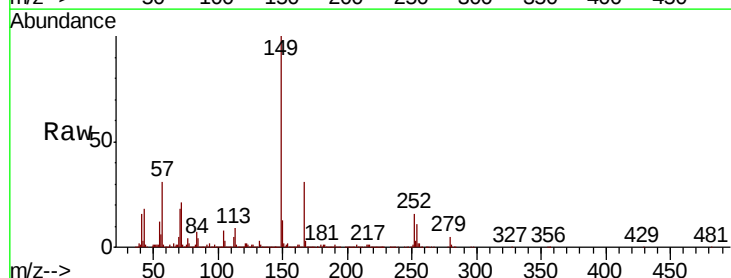
Tgt Ion:149 Resp: 1186790

Ion	Ratio	Lower	Upper
149	100		
167	31.1	24.7	37.1
279	4.5	3.3	4.9

149 100

167 31.1 24.7 37.1

279 4.5 3.3 4.9

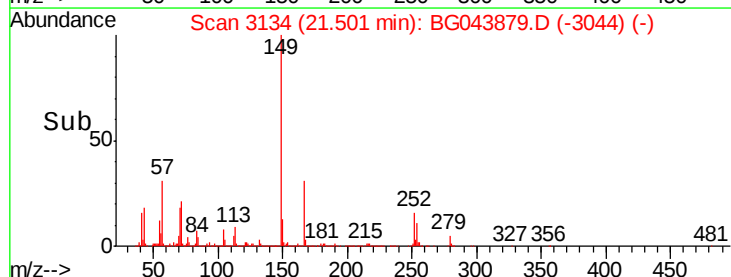
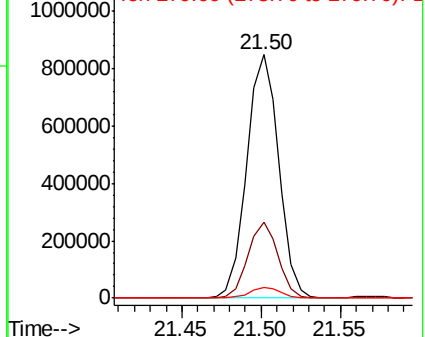


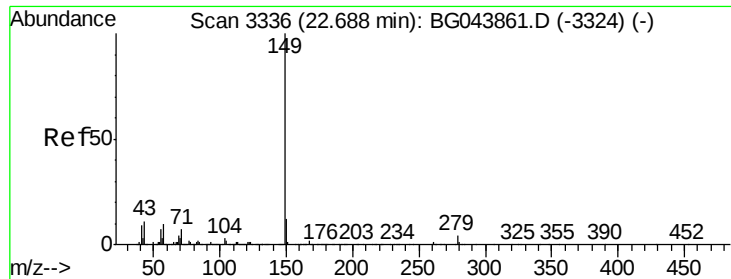
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

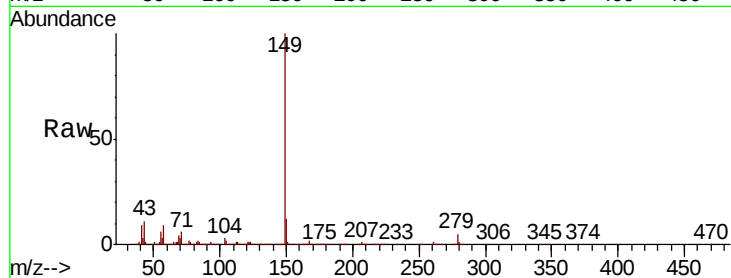




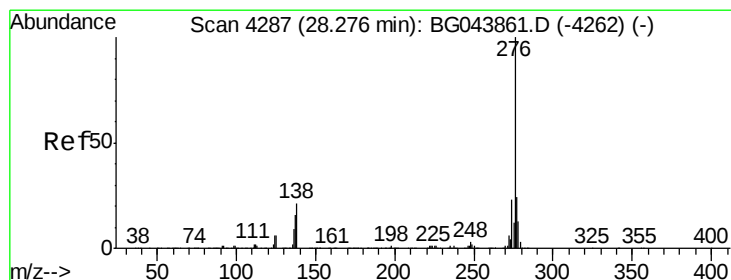
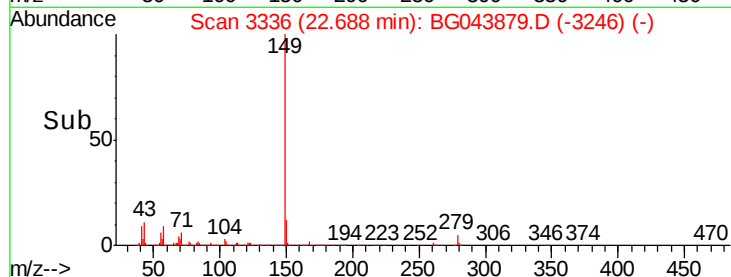
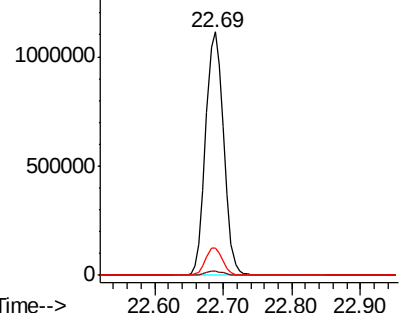
#85
Di-n-octyl phthalate
Concen: 41.212 ng
RT: 22.69 min Scan# 3336
Delta R.T. -0.00 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Instrument :
BNA_G
ClientSampleID :

Tot Ion:149 Resp: 2028085
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.7 8.8 13.2

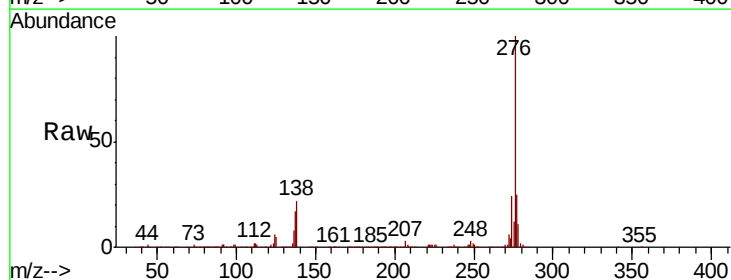


Abundance Ion 149.00 (148.70 to 149.70): E
1500000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

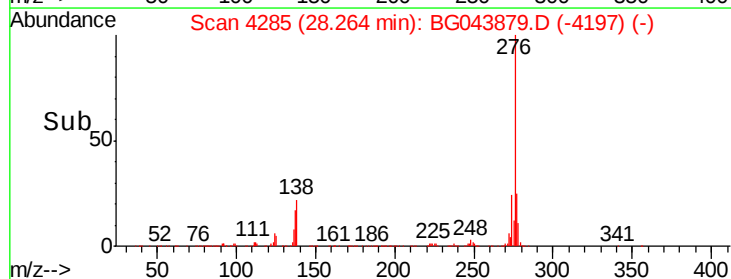
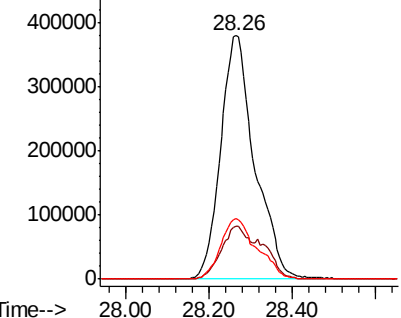


#86
Indeno(1,2,3-cd)pyrene
Concen: 39.588 ng
RT: 28.26 min Scan# 4285
Delta R.T. -0.01 min
Lab File: BG043879.D
Acq: 2 Jan 2020 17:36

Tgt Ion:276 Resp: 2163951
Ion Ratio Lower Upper
276 100
138 18.7 21.0 31.4#
277 26.4 21.1 31.7



Abundance Ion 276.00 (275.70 to 276.70): E
500000 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# 3682

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

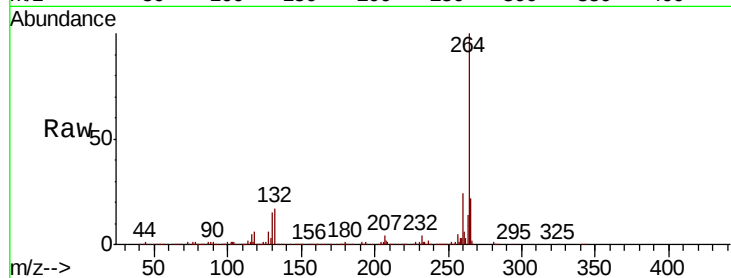
Tot Ion:264 Resp: 788100

Ion Ratio Lower Upper

264 100

260 24.3 20.4 30.6

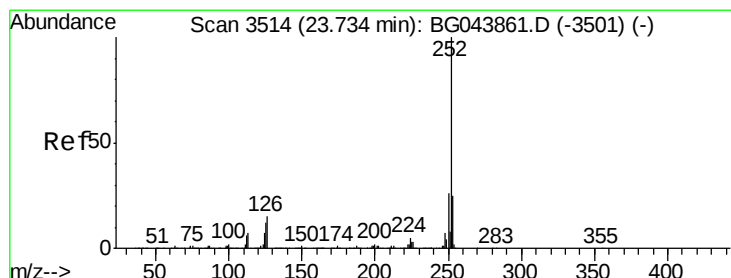
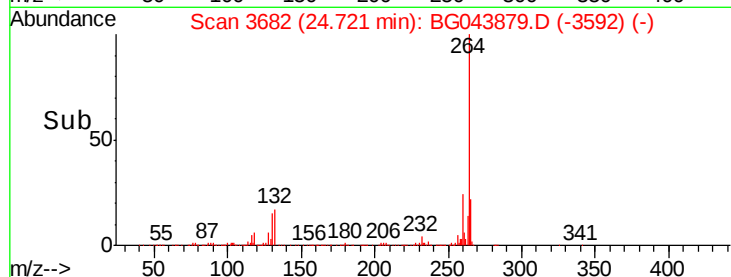
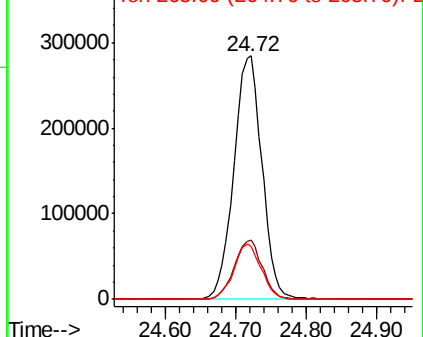
265 21.8 17.4 26.2



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: 39.745 ng

RT: 23.73 min Scan# 3514

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

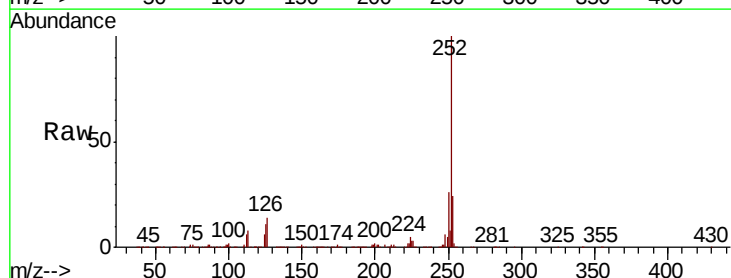
Tgt Ion:252 Resp: 1851734

Ion Ratio Lower Upper

252 100

253 24.1 19.7 29.5

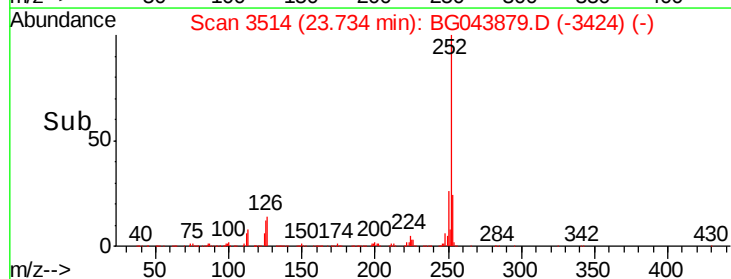
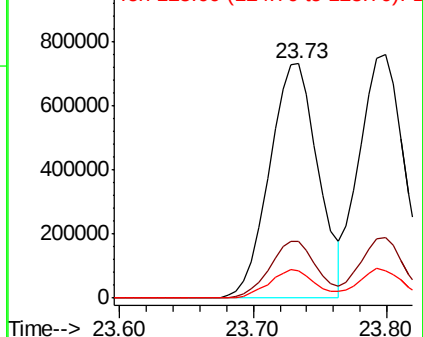
125 11.5 9.4 14.2

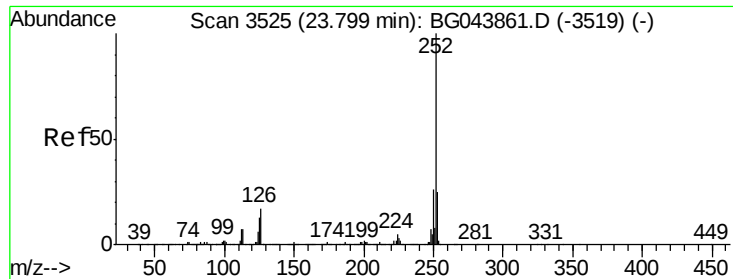


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.098 ng

RT: 23.80 min Scan# 3525

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Instrument :

BNA_G

ClientSampled :

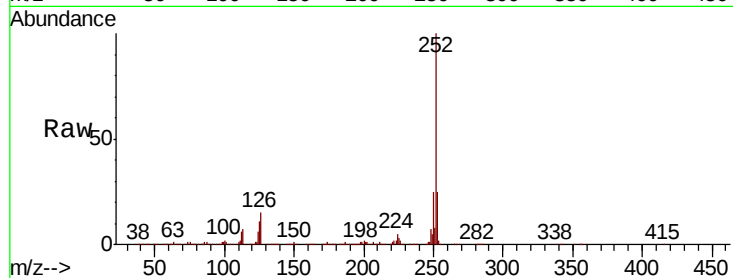
Tot Ion:252 Resp: 1776530

Ion Ratio Lower Upper

252 100

253 25.0 19.4 29.2

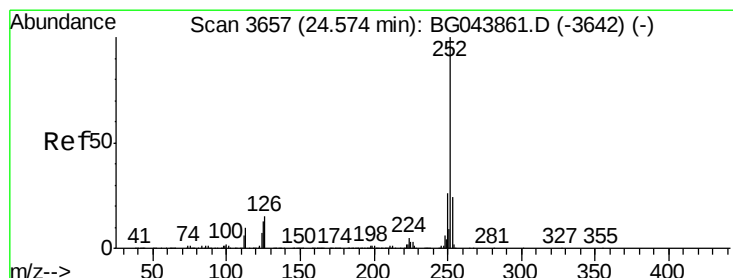
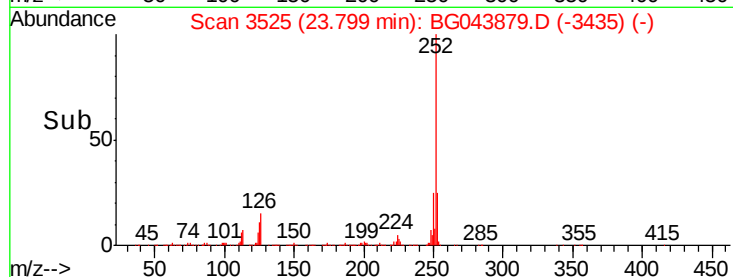
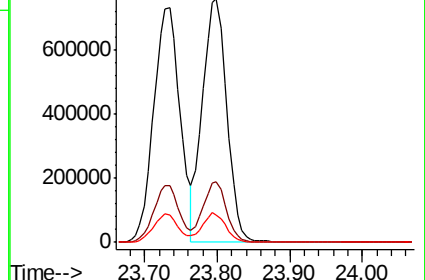
125 11.5 9.9 14.9



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: 39.779 ng

RT: 24.57 min Scan# 3657

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

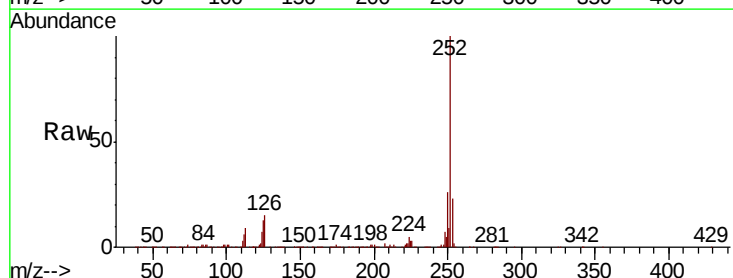
Tgt Ion:252 Resp: 1749195

Ion Ratio Lower Upper

252 100

253 23.3 19.3 28.9

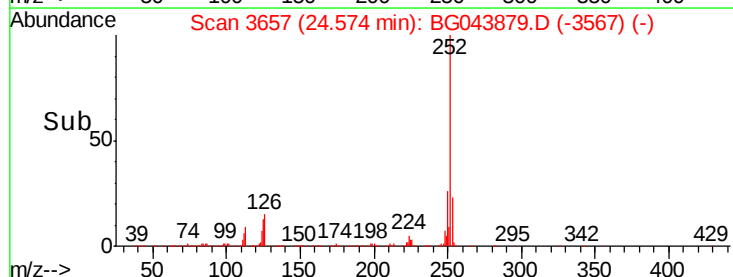
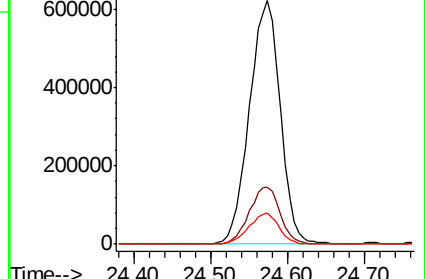
125 13.0 10.4 15.6

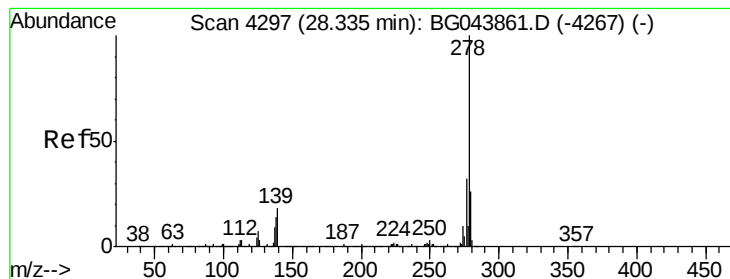


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.777 ng

RT: 28.33 min Scan# 4296

Delta R.T. -0.01 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

Instrument :

BNA_G

ClientSampleId :

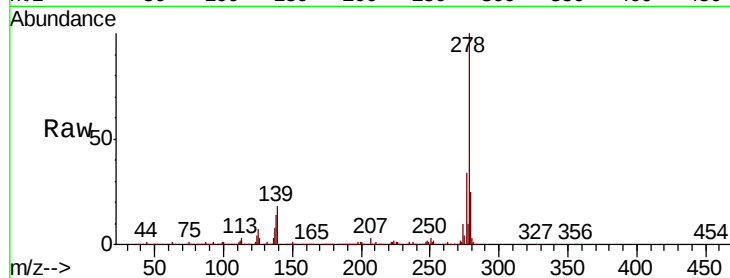
Tot Ion:278 Resp: 1756631

Ion Ratio Lower Upper

278 100

139 17.6 14.2 21.4

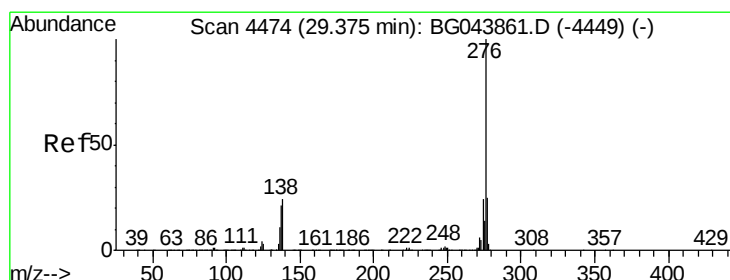
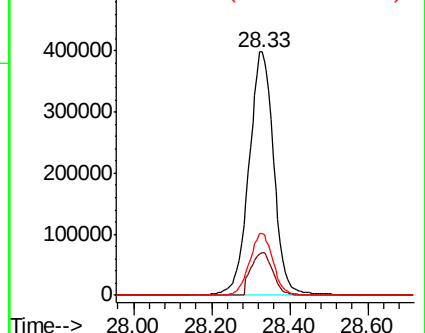
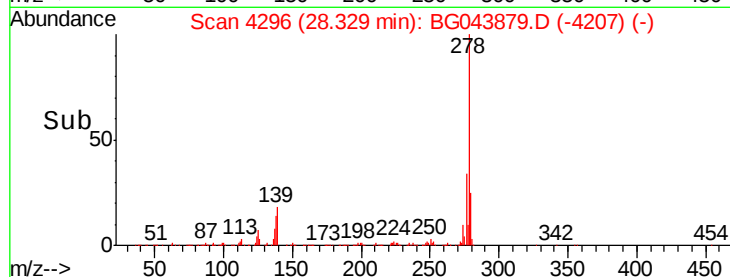
279 25.2 20.6 30.8



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: 39.233 ng

RT: 29.37 min Scan# 4474

Delta R.T. -0.00 min

Lab File: BG043879.D

Acq: 2 Jan 2020 17:36

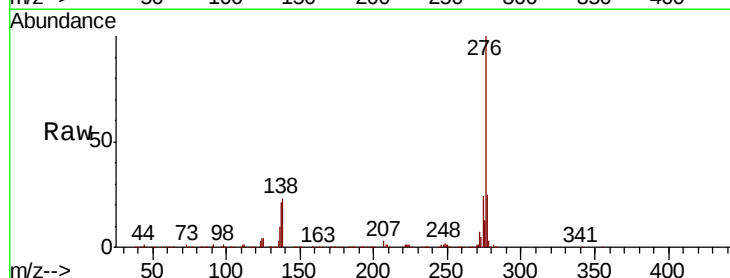
Tgt Ion:276 Resp: 1721042

Ion Ratio Lower Upper

276 100

277 24.5 20.2 30.4

138 23.2 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

