

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\
 Data File : BG043861.D
 Acq On : 30 Dec 2019 10:46
 Operator : JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 30 11:50:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 30 11:43:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	146576	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	621874	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	397236	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	811676	20.00	ng	0.00
76) Chrysene-d12	21.59	240	693865	20.00	ng	0.00
87) Perylene-d12	24.72	264	792514	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	660576	82.21	ng	0.00
7) Phenol-d6	7.12	99	910341	80.27	ng	0.00
23) Nitrobenzene-d5	9.12	82	898306	80.31	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	337609	80.66	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1846798	83.02	ng	0.00
79) Terphenyl-d14	19.96	244	2345259	75.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	140373	40.549	ng	100
3) Pyridine	3.83	79	420390	40.642	ng	100
4) n-Nitrosodimethylamine	3.75	42	181582	39.655	ng	100
6) Aniline	7.29	93	589646	39.543	ng	100
8) 2-Chlorophenol	7.53	128	377486	40.111	ng	100
9) Benzaldehyde	7.09	77	270912	36.450	ng	100
10) Phenol	7.15	94	463623	39.662	ng	100
11) bis(2-Chloroethyl)ether	7.38	93	400429	39.646	ng	100
12) 1,3-Dichlorobenzene	7.86	146	441131	40.133	ng	100
13) 1,4-Dichlorobenzene	8.00	146	439105	40.092	ng	100
14) 1,2-Dichlorobenzene	8.32	146	417310	39.739	ng	100
15) Benzyl Alcohol	8.20	79	354415	39.700	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.50	45	607440	38.744	ng	100
17) 2-Methylphenol	8.41	107	331685	39.157	ng	100
18) Hexachloroethane	9.05	117	168798	40.064	ng	100
19) n-Nitroso-di-n-propylamine	8.77	70	332922	39.305	ng	100
20) 3+4-Methylphenols	8.73	107	467573	39.847	ng	100
22) Acetophenone	8.78	105	616975	39.635	ng	100
24) Nitrobenzene	9.16	77	453629	39.610	ng	100
25) Isophorone	9.69	82	867851	39.639	ng	100
26) 2-Nitrophenol	9.87	139	210794	39.679	ng	100
27) 2,4-Dimethylphenol	9.94	122	319063	39.011	ng	100
28) bis(2-Chloroethoxy)methane	10.17	93	579063	39.752	ng	100
29) 2,4-Dichlorophenol	10.41	162	386582	39.633	ng	100
30) 1,2,4-Trichlorobenzene	10.63	180	431707	39.654	ng	100
31) Naphthalene	10.81	128	1217990	40.429	ng	100
32) Benzoic acid	10.07	122	216082	33.976	ng	100
33) 4-Chloroaniline	10.91	127	575760	39.851	ng	100
34) Hexachlorobutadiene	11.11	225	261338	39.662	ng	100
35) Caprolactam	11.68	113	144216	39.580	ng	100
36) 4-Chloro-3-methylphenol	12.04	107	412077	39.223	ng	100
37) 2-Methylnaphthalene	12.42	142	900247	39.592	ng	100
38) 1-Methylnaphthalene	12.64	142	854409	39.586	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	461562	39.975	ng	100

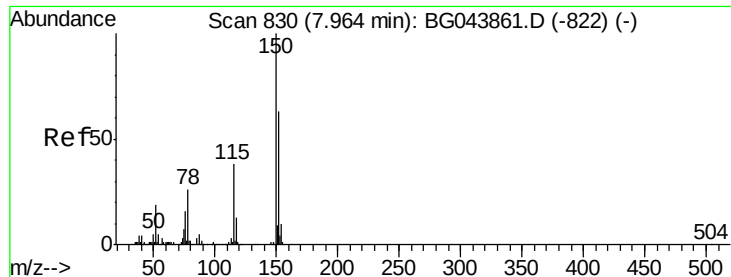
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\
 Data File : BG043861.D
 Acq On : 30 Dec 2019 10:46
 Operator : JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 30 11:43:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	239595	38.862	ng	100
43) 2,4,6-Trichlorophenol	13.03	196	320039	40.046	ng	100
44) 2,4,5-Trichlorophenol	13.10	196	330402	40.357	ng	100
46) 1,1'-Biphenyl	13.43	154	1170255	41.036	ng	100
47) 2-Chloronaphthalene	13.47	162	928497	40.382	ng	100
48) 2-Nitroaniline	13.66	65	294410	39.977	ng	100
49) Acenaphthylene	14.32	152	1357512	40.725	ng	100
50) Dimethylphthalate	14.05	163	1158719	40.823	ng	100
51) 2,6-Dinitrotoluene	14.16	165	252023	39.284	ng	100
52) Acenaphthene	14.66	154	929000	39.892	ng	100
53) 3-Nitroaniline	14.49	138	292523	40.325	ng	100
54) 2,4-Dinitrophenol	14.69	184	113691	40.025	ng	100
55) Dibenzofuran	14.99	168	1316377	40.912	ng	100
56) 4-Nitrophenol	14.79	139	229275	41.215	ng	100
57) 2,4-Dinitrotoluene	14.95	165	351312	40.629	ng	100
58) Fluorene	15.64	166	1034849	40.555	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	288337	40.326	ng	100
60) Diethylphthalate	15.42	149	1159784	40.926	ng	100
61) 4-Chlorophenyl-phenylether	15.64	204	547711	39.917	ng	100
62) 4-Nitroaniline	15.66	138	291674	40.996	ng	100
63) Azobenzene	15.93	77	1073860	40.784	ng	100
65) 4,6-Dinitro-2-methylphenol	15.71	198	153643	39.881	ng	100
66) n-Nitrosodiphenylamine	15.85	169	942100	39.474	ng	100
67) 4-Bromophenyl-phenylether	16.53	248	353286	39.005	ng	100
68) Hexachlorobenzene	16.65	284	382344	38.969	ng	100
69) Atrazine	16.80	200	325041	41.530	ng	100
70) Pentachlorophenol	16.99	266	222420	41.403	ng	100
71) Phenanthrene	17.38	178	1596793	40.999	ng	100
72) Anthracene	17.47	178	1580235	40.983	ng	100
73) Carbazole	17.74	167	1463859	41.511	ng	100
74) Di-n-butylphthalate	18.31	149	1836240	43.297	ng	100
75) Fluoranthene	19.39	202	1779270	42.363	ng	100
77) Benzidine	19.56	184	782771	42.266	ng	100
78) Pyrene	19.75	202	1786916	40.977	ng	100
80) Butylbenzylphthalate	20.64	149	871055	40.938	ng	100
81) Benzo(a)anthracene	21.57	228	1745298	40.583	ng	100
82) 3,3'-Dichlorobenzidine	21.49	252	694599	40.704	ng	100
83) Chrysene	21.64	228	1659288	40.563	ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	1206123	40.838	ng	100
85) Di-n-octyl phthalate	22.69	149	2055560	41.380	ng	100
86) Indeno(1,2,3-cd)pyrene	28.28	276	2189907	39.285	ng	100
88) Benzo(b)fluoranthene	23.73	252	1853242	39.831	ng	100
89) Benzo(k)fluoranthene	23.80	252	1819417	40.767	ng	100
90) Benzo(a)pyrene	24.57	252	1777705	40.379	ng	100
91) Dibenzo(a,h)anthracene	28.33	278	1760879	39.539	ng	100
92) Benzo(g,h,i)perylene	29.37	276	1748014	39.714	ng	100

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

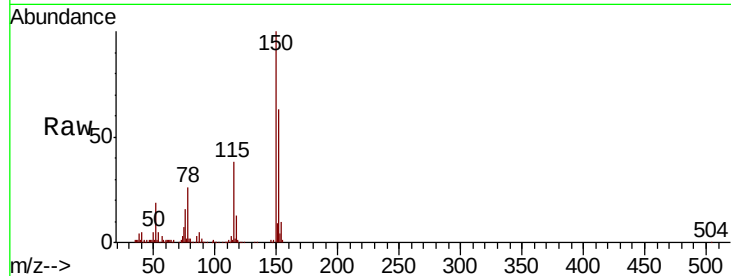


#1

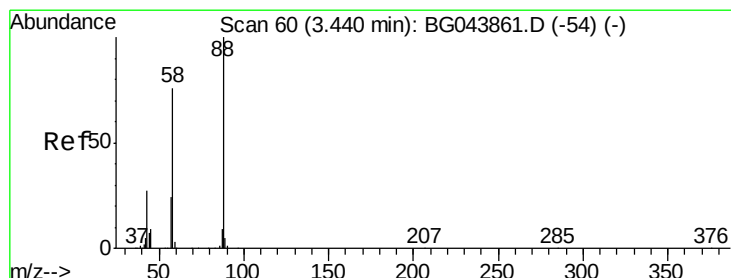
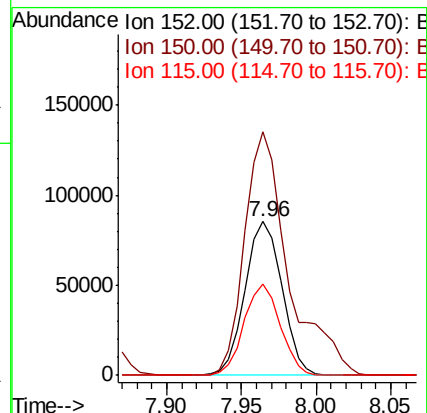
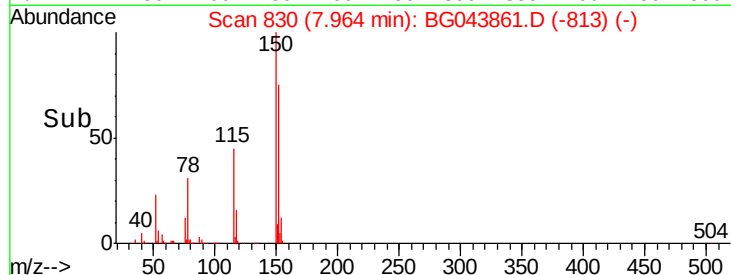
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 146576
Ion Ratio Lower Upper
152 100
150 158.7 127.0 190.4
115 59.8 47.8 71.8



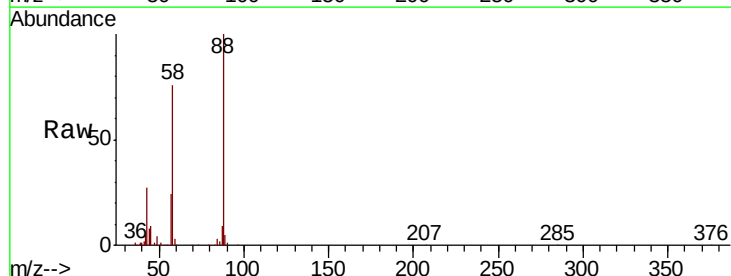
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



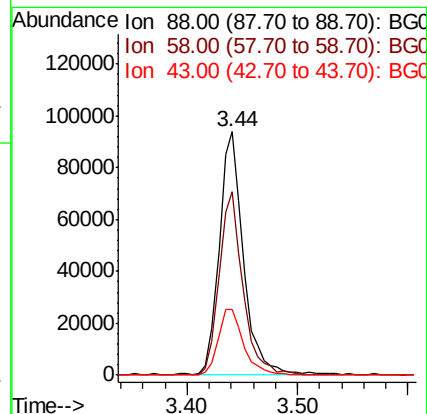
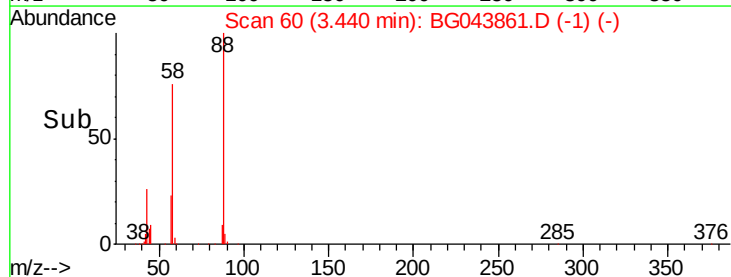
#2

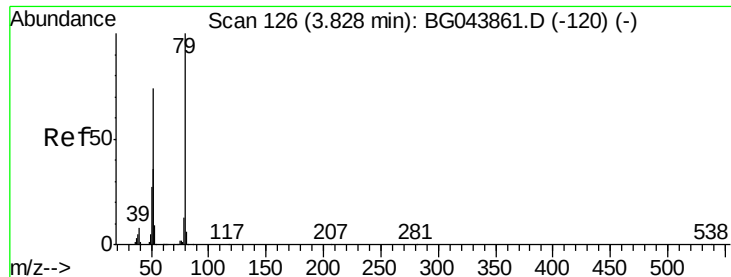
1,4-Dioxane
Concen: 40.549 ng
RT: 3.44 min Scan# 60
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

Tgt Ion: 88 Resp: 140373
Ion Ratio Lower Upper
88 100
58 74.8 59.8 89.8
43 28.6 22.9 34.3



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





#3

Pvridine

Concen: 40.642 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Instrument :

BNA_G

ClientSampleId :

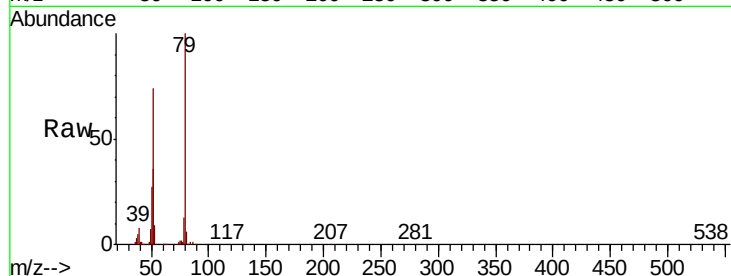
Tot Ion: 79 Resp: 420390

Ion Ratio Lower Upper

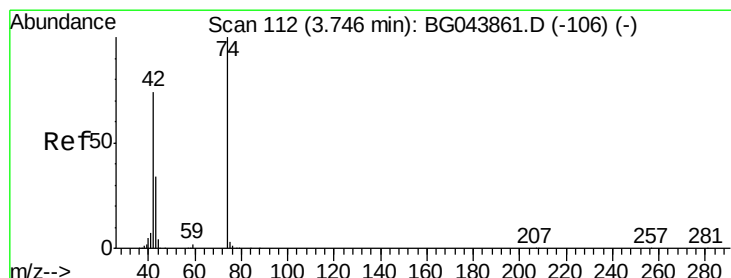
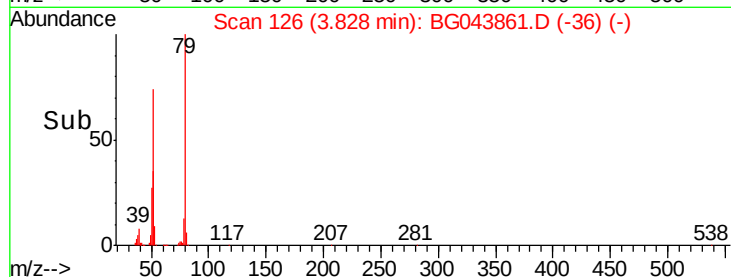
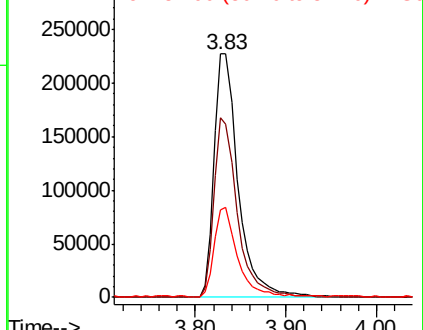
79 100

52 73.6 58.9 88.3

51 35.8 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: 39.655 ng

RT: 3.75 min Scan# 112

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

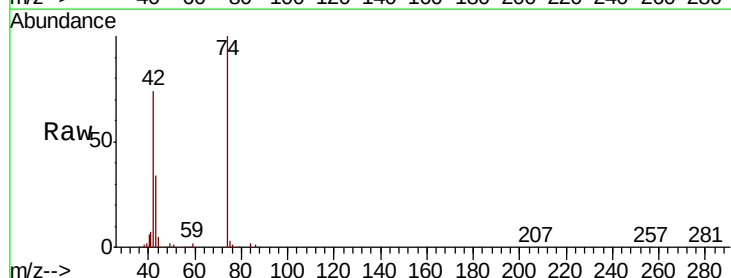
Tgt Ion: 42 Resp: 181582

Ion Ratio Lower Upper

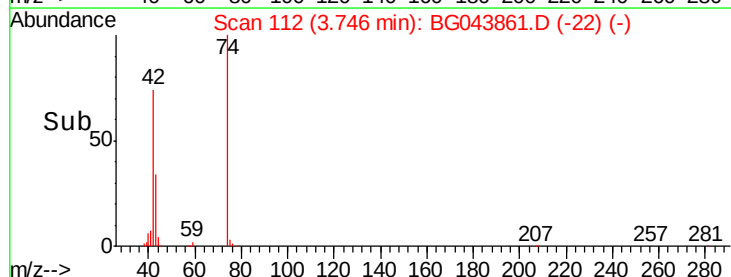
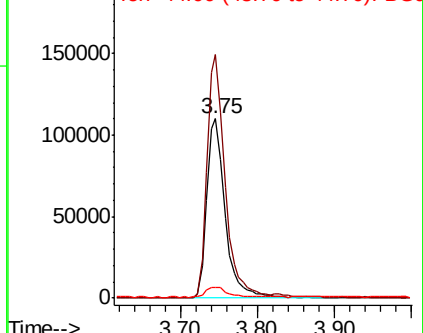
42 100

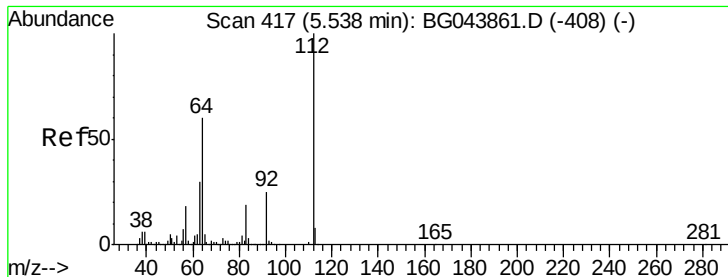
74 135.7 108.6 162.8

44 6.3 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: 82.212 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Instrument :

BNA_G

ClientSampleId :

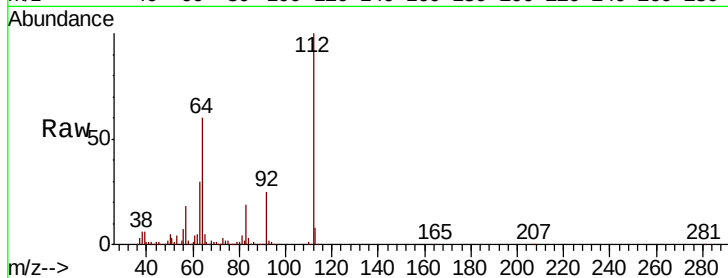
Tot Ion:112 Resp: 660576

Ion Ratio Lower Upper

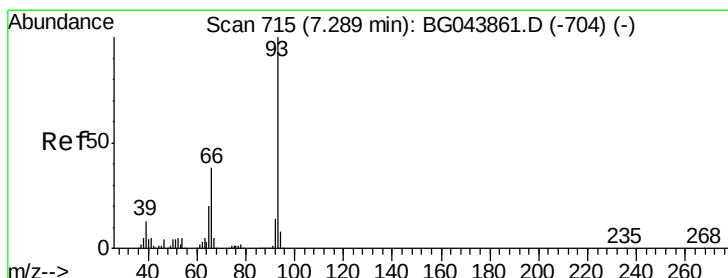
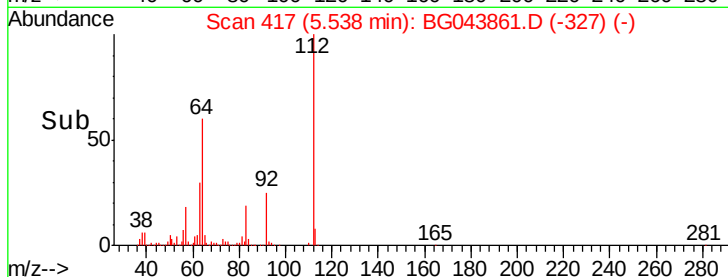
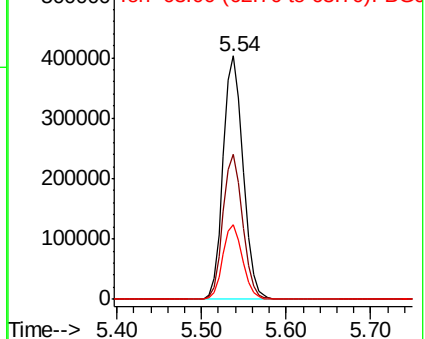
112 100

64 59.7 47.8 71.6

63 30.4 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: 39.543 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

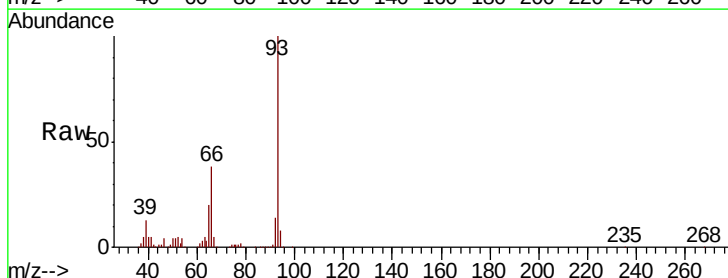
Tgt Ion: 93 Resp: 589646

Ion Ratio Lower Upper

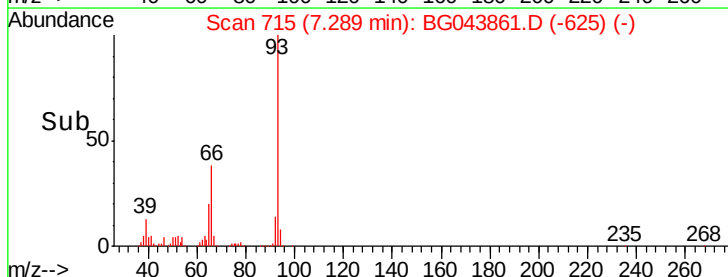
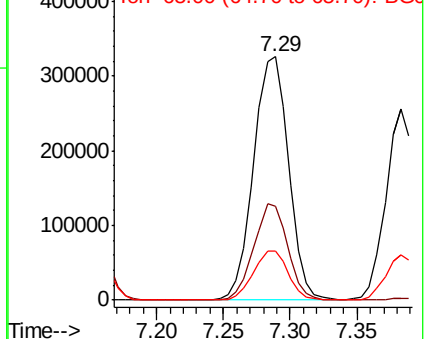
93 100

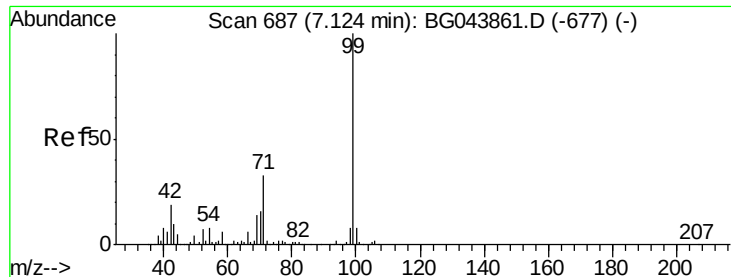
66 38.5 30.8 46.2

65 20.0 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: 80.266 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Instrument :

BNA_G

ClientSampleId :

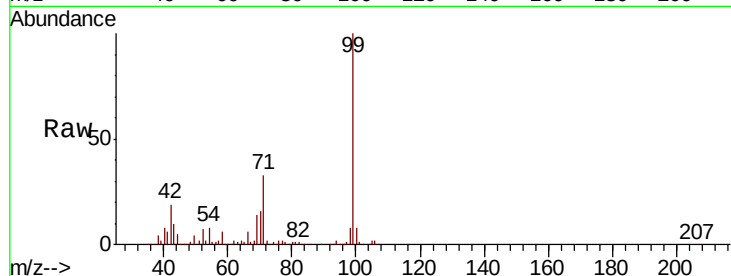
Tot Ion: 99 Resp: 910341

Ion Ratio Lower Upper

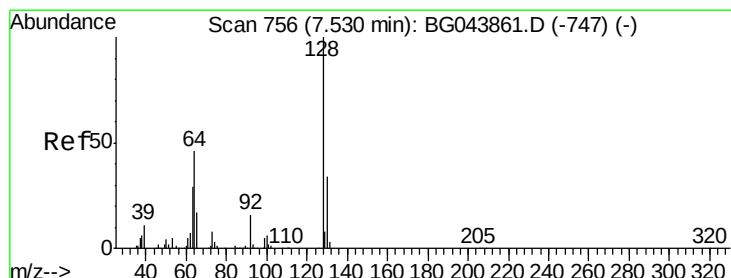
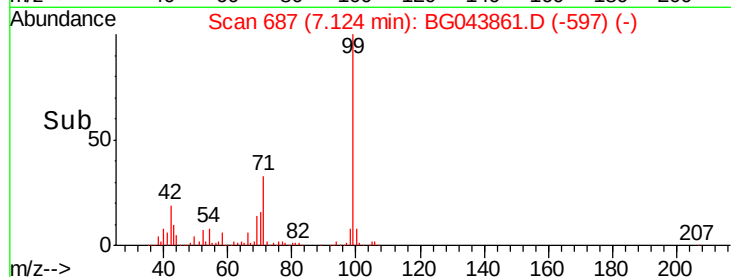
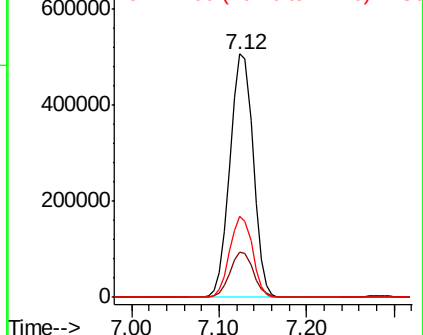
99 100

42 18.6 14.9 22.3

71 33.0 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: 40.111 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

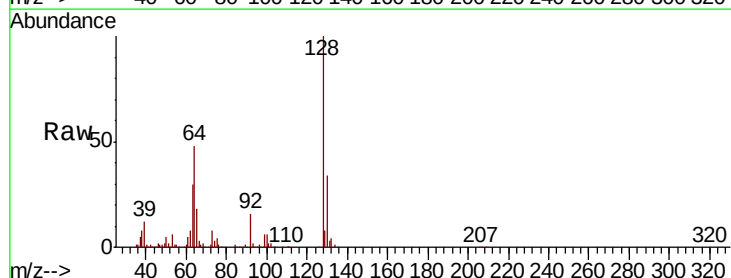
Tgt Ion: 128 Resp: 377486

Ion Ratio Lower Upper

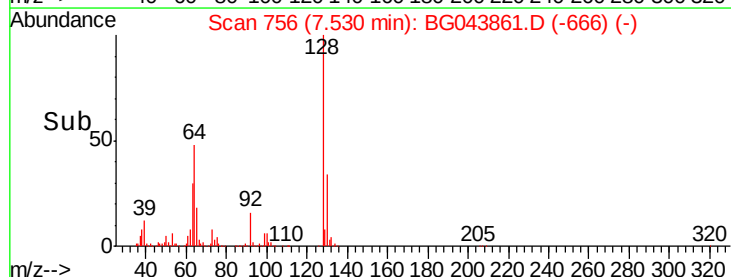
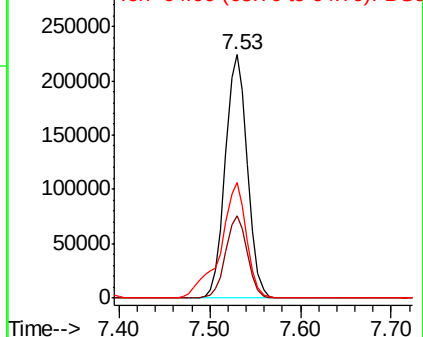
128 100

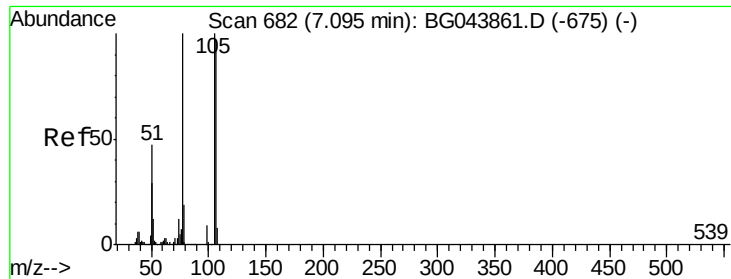
130 33.8 13.8 53.8

64 47.6 27.6 67.6



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





#9

Benzaldehyde

Concen: 36.450 ng

RT: 7.09 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Instrument :

BNA_G

ClientSampleId :

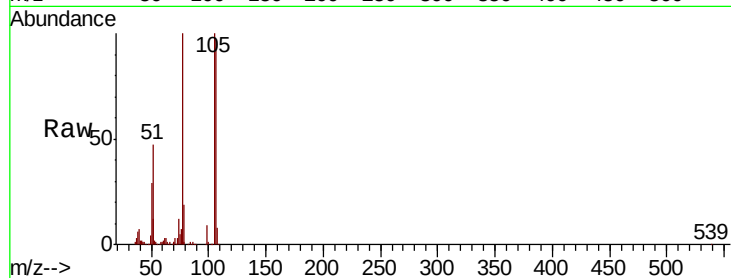
Tot Ion: 77 Resp: 270912

Ion Ratio Lower Upper

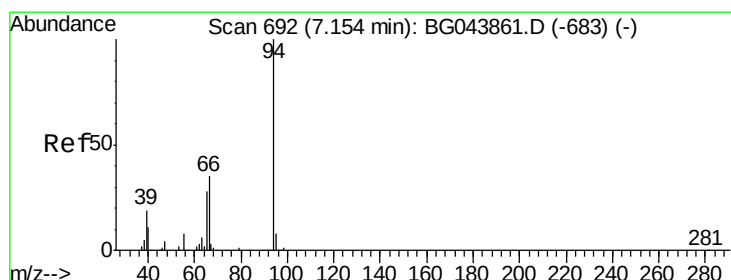
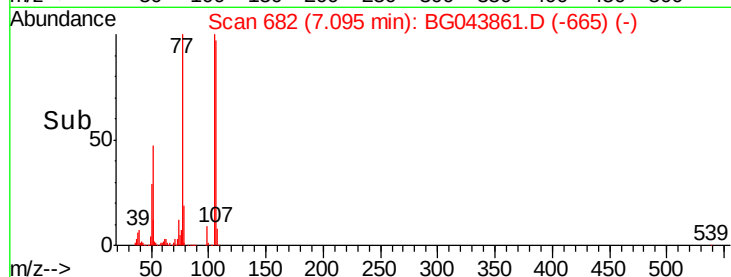
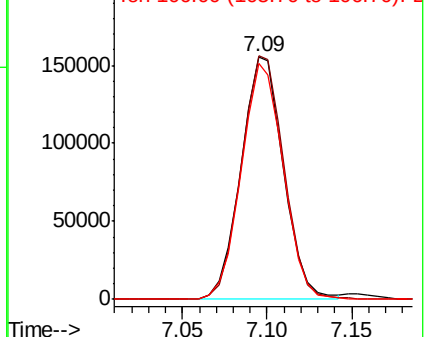
77 100

105 100.2 80.2 120.2

106 97.2 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.662 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

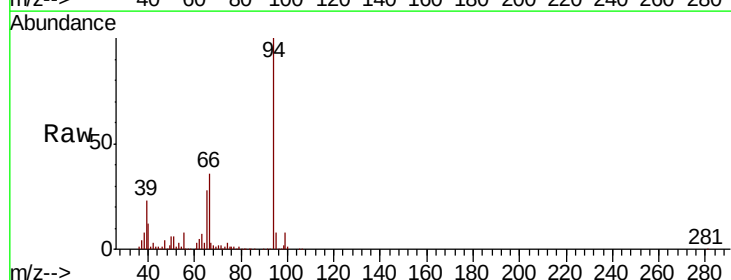
Tgt Ion: 94 Resp: 463623

Ion Ratio Lower Upper

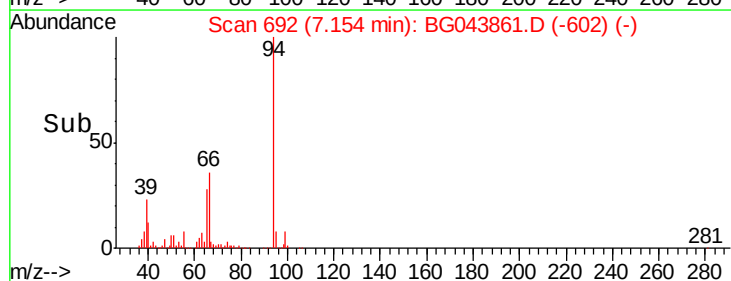
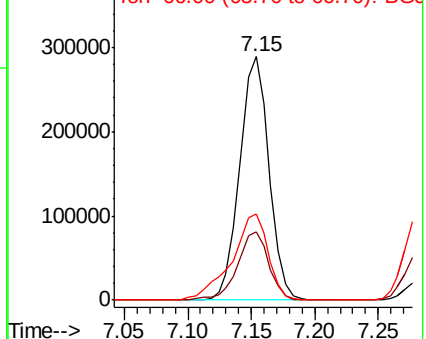
94 100

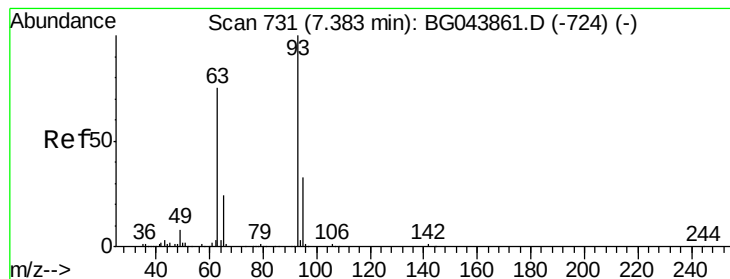
65 28.1 8.1 48.1

66 35.6 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.646 ng

RT: 7.38 min Scan# 731

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Instrument :

BNA_G

ClientSampleId :

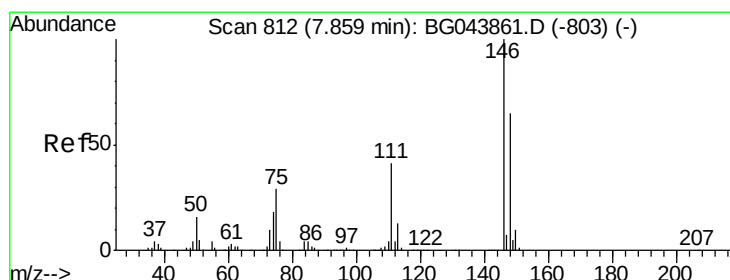
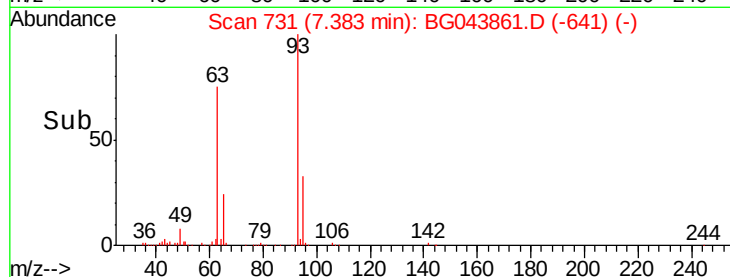
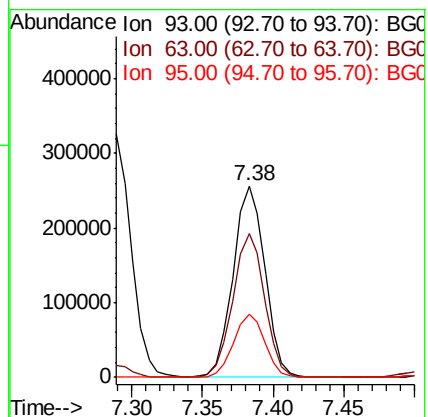
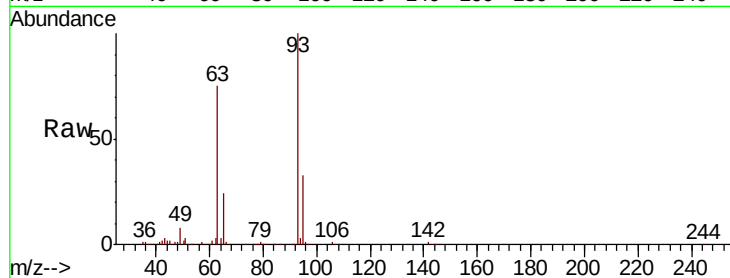
Tot Ion: 93 Resp: 400429

Ion Ratio Lower Upper

93 100

63 75.0 55.0 95.0

95 33.3 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 40.133 ng

RT: 7.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

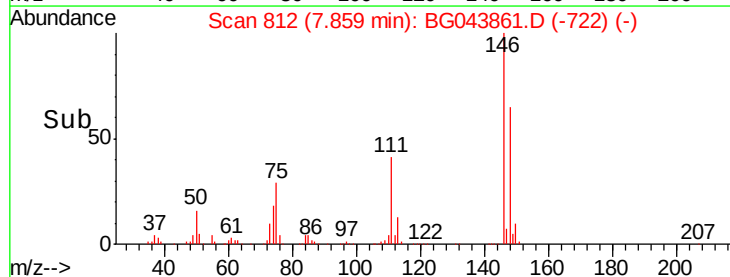
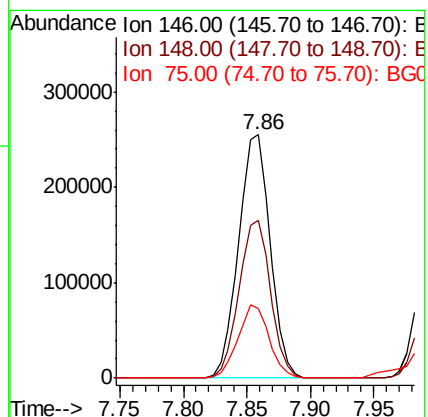
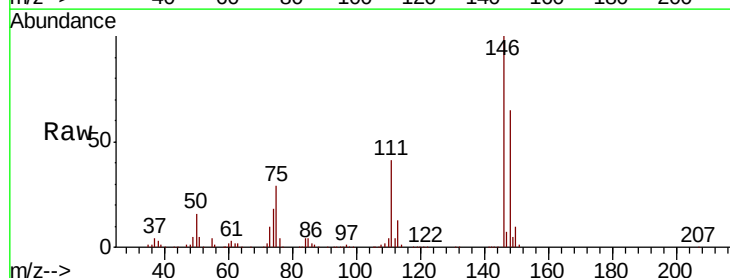
Tgt Ion: 146 Resp: 441131

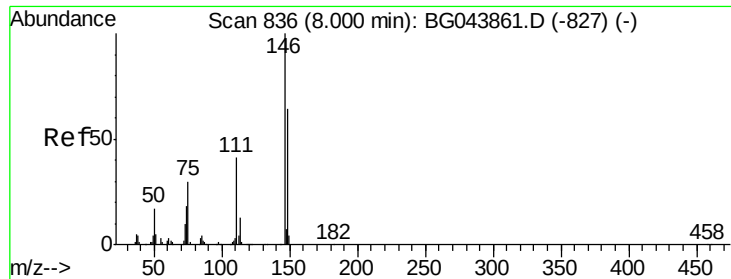
Ion Ratio Lower Upper

146 100

148 65.1 52.1 78.1

75 28.7 23.0 34.4

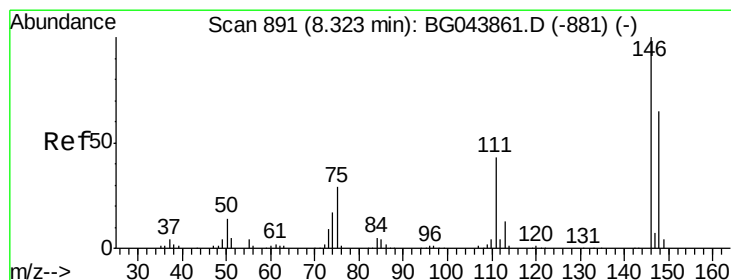
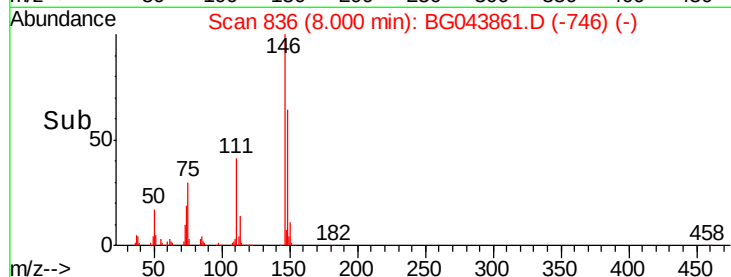
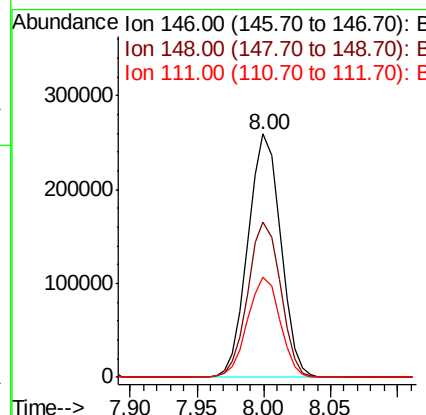
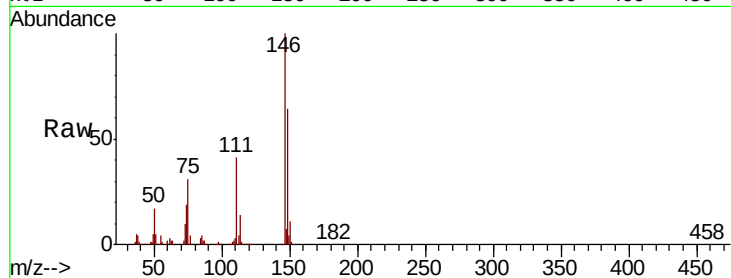




#13
 1,4-Dichlorobenzene
 Concen: 40.092 ng
 RT: 8.00 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BG043861.D
 Acq: 30 Dec 2019 10:46

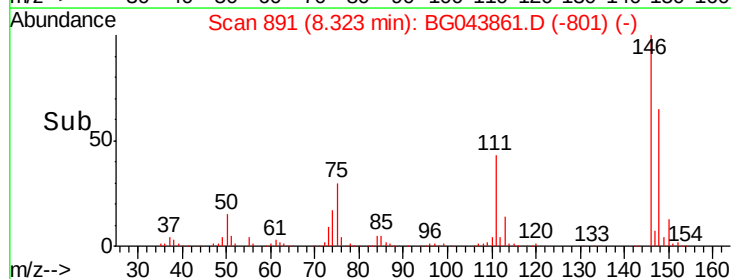
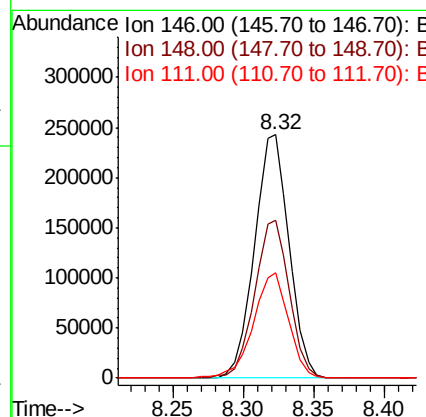
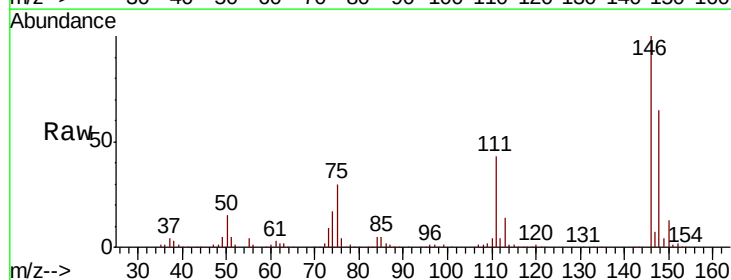
Instrument :
 BNA_G
 ClientSampleId :

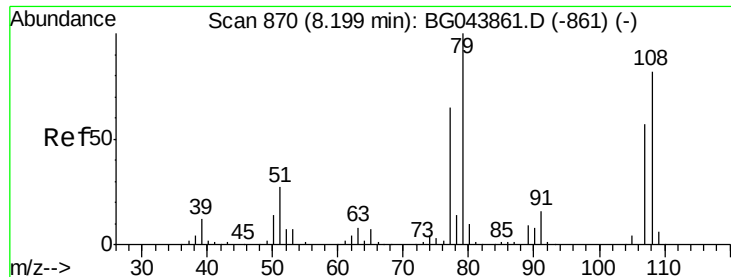
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
111	41.4	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 39.739 ng
 RT: 8.32 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BG043861.D
 Acq: 30 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
111	43.0	34.4	51.6





#15

Benzyl Alcohol

Concen: 39.700 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Instrument :

BNA_G

ClientSampleId :

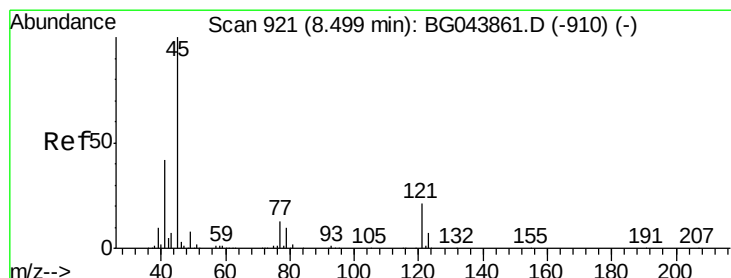
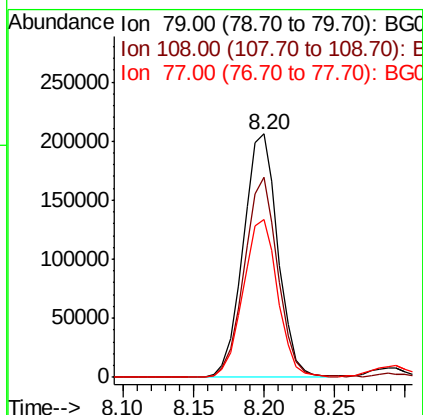
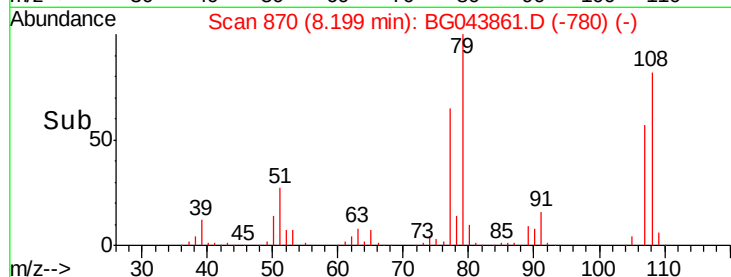
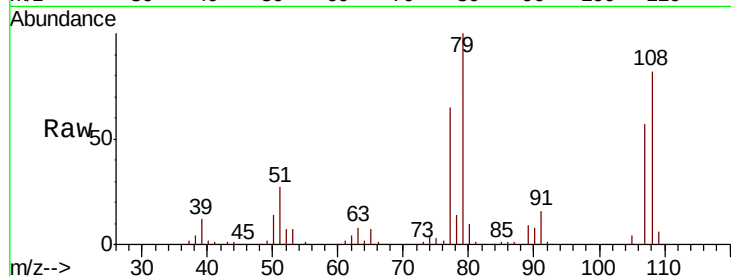
Tot Ion: 79 Resp: 354415

Ion Ratio Lower Upper

79 100

108 82.0 65.6 98.4

77 65.0 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.744 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

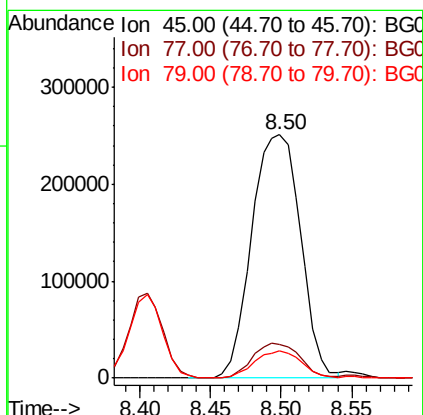
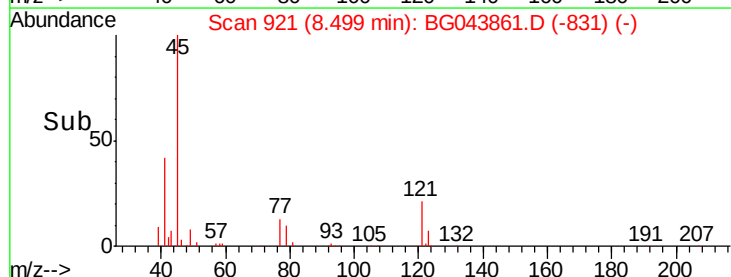
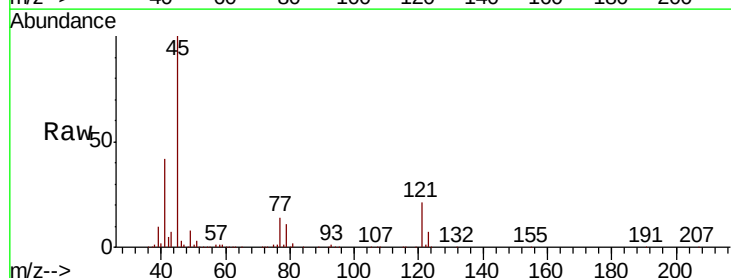
Tgt Ion: 45 Resp: 607440

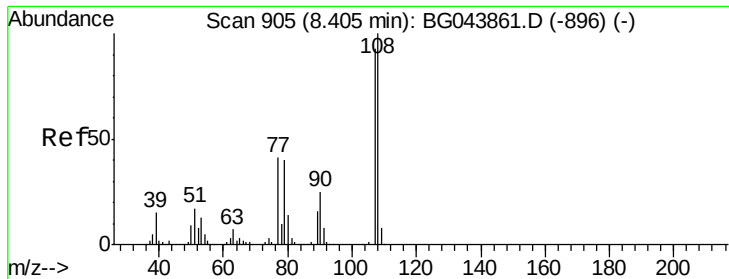
Ion Ratio Lower Upper

45 100

77 13.8 0.0 33.8

79 11.0 0.0 31.0

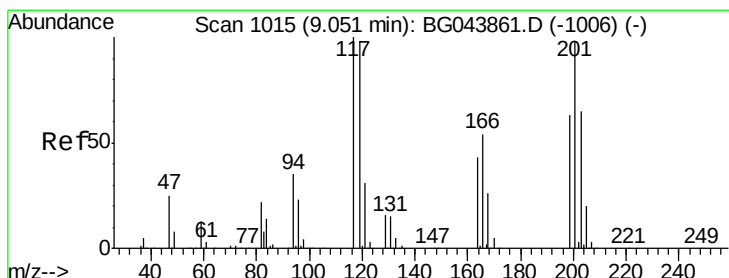
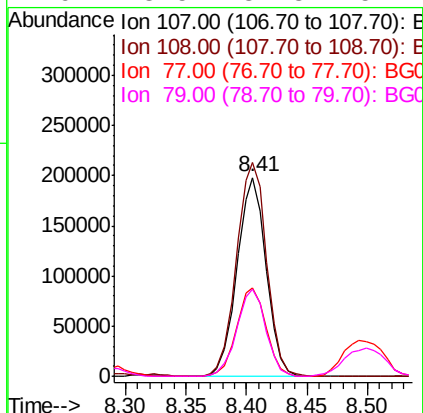
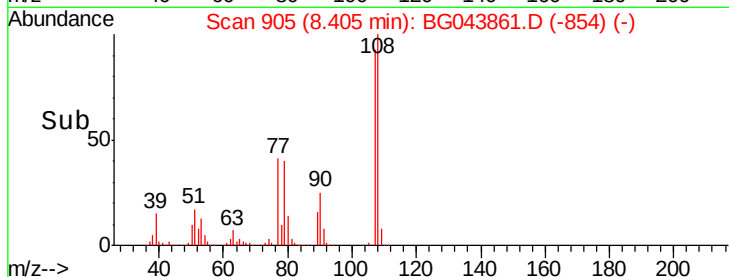
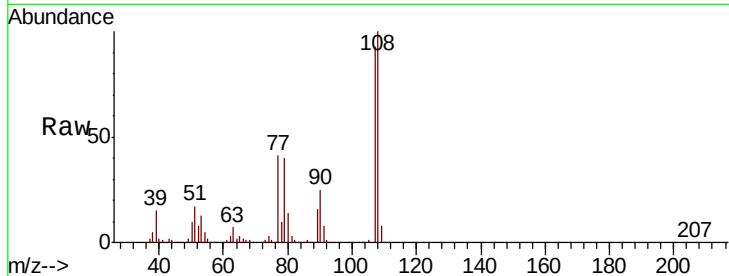




#17
2-Methylphenol
Concen: 39.157 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

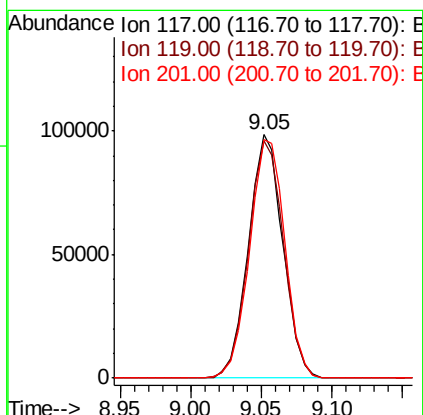
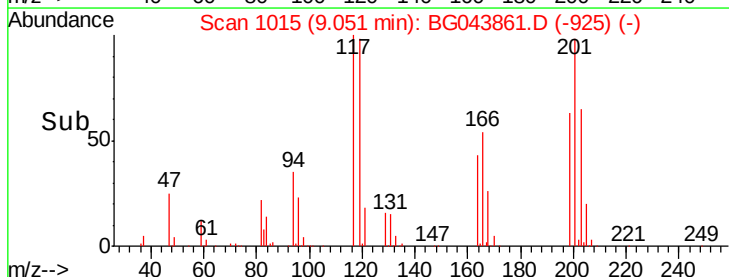
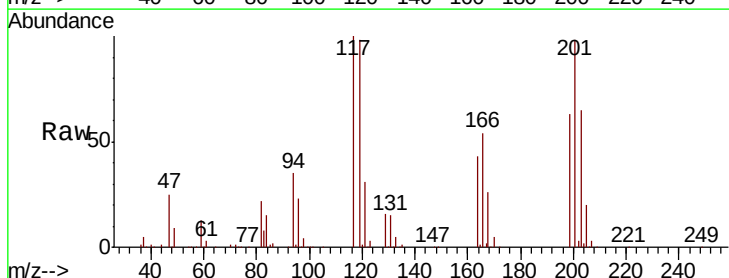
Instrument :
BNA_G
ClientSampleId :

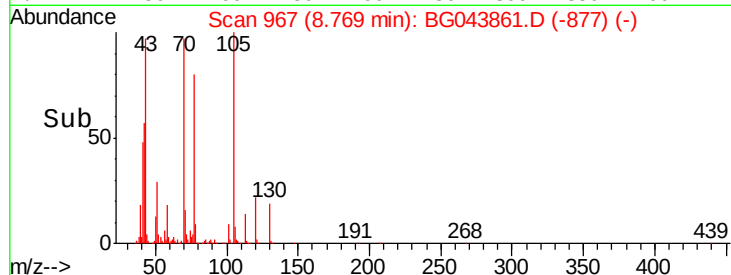
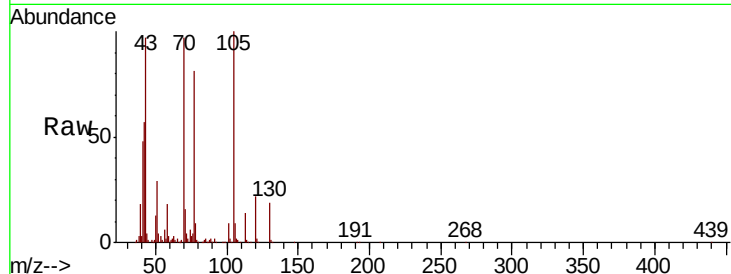
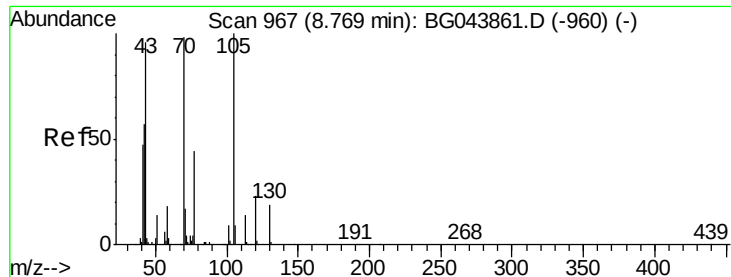
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.6	86.1	129.1
77	44.2	35.4	53.0
79	43.5	34.8	52.2



#18
Hexachloroethane
Concen: 40.064 ng
RT: 9.05 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.1	117.1
201	98.2	78.6	117.8

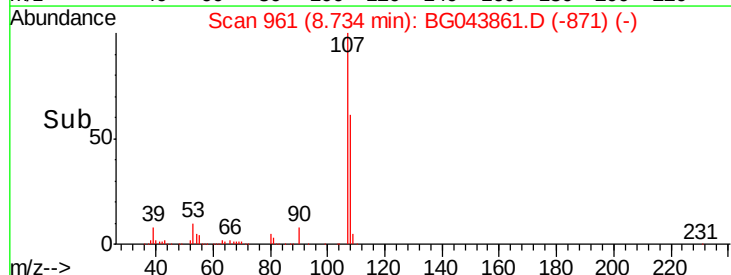
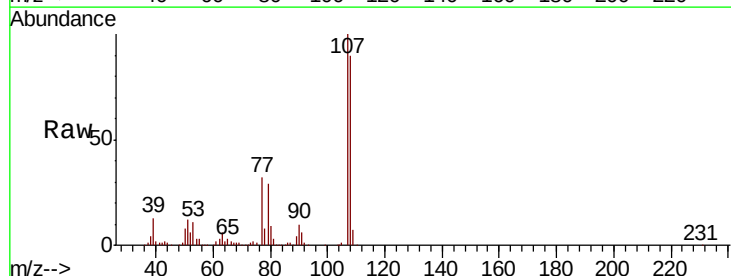
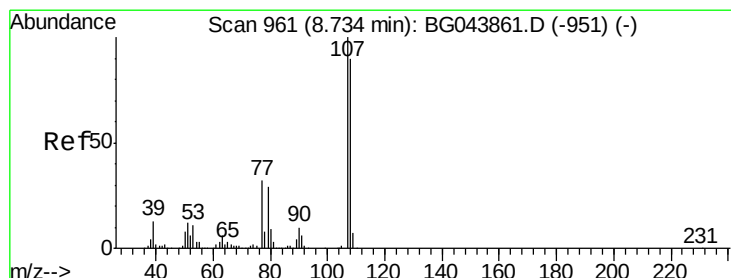
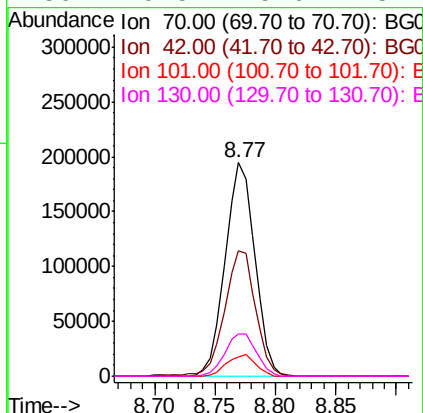




#19
n-Nitroso-di-n-propylamine
Concen: 39.305 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

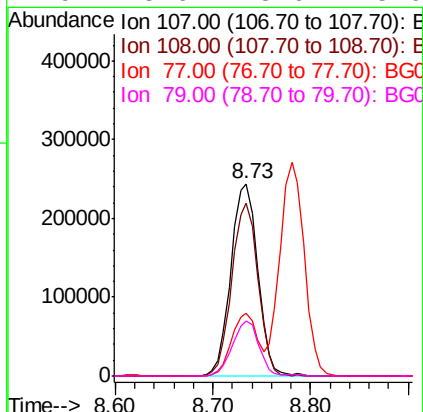
Instrument :
BNA_G
ClientSampled :

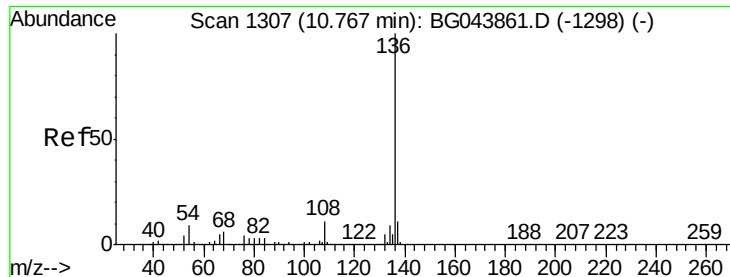
Tot Ion: 70 Resp: 332922
Ion Ratio Lower Upper
70 100
42 58.7 47.0 70.4
101 9.0 7.2 10.8
130 19.5 15.6 23.4



#20
3+4-Methylphenols
Concen: 39.847 ng
RT: 8.73 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

Tgt Ion: 107 Resp: 467573
Ion Ratio Lower Upper
107 100
108 90.3 70.3 110.3
77 32.4 12.4 52.4
79 28.6 8.6 48.6

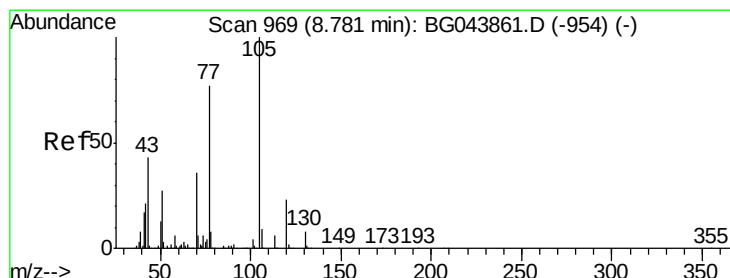
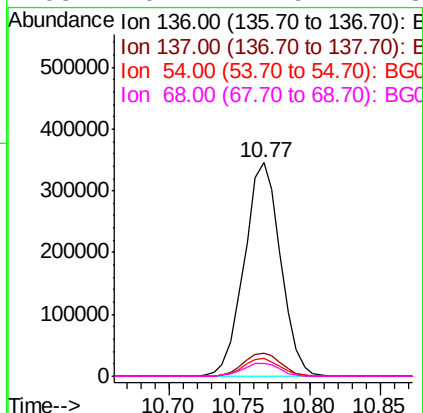
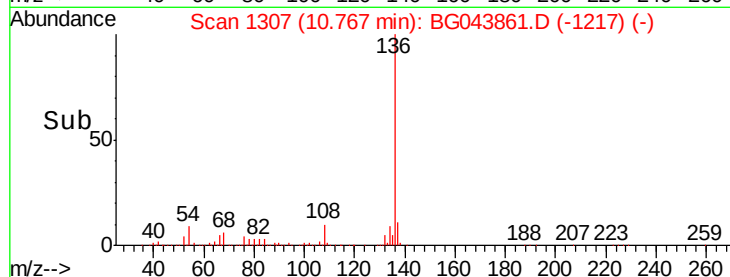
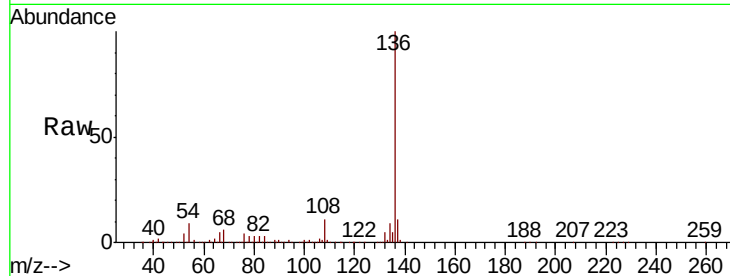




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

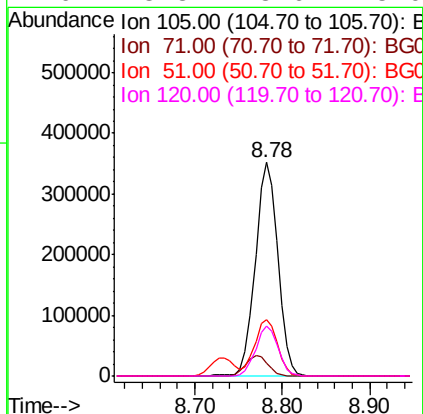
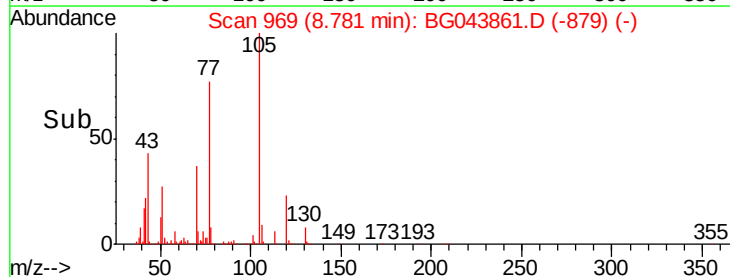
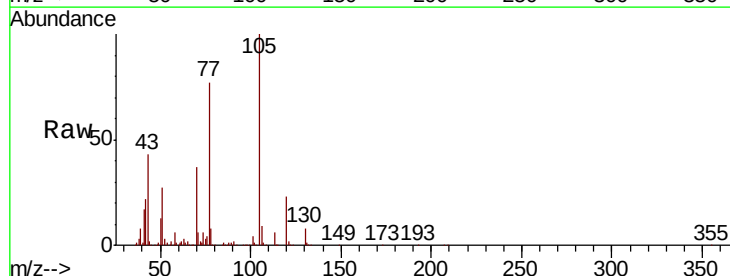
Instrument :
BNA_G
ClientSampled :

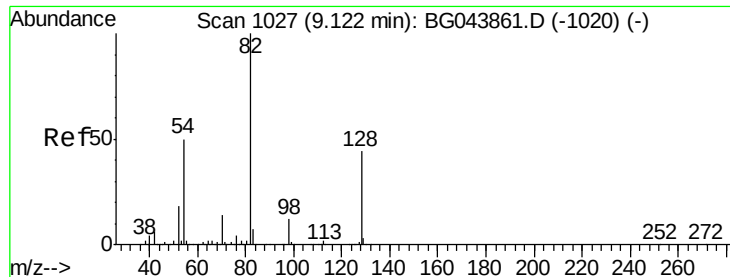
Tot Ion:136	Resp:	621874	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 8.7	7.0	10.4	
68 6.1	4.9	7.3	



#22
Acetophenone
Concen: 39.635 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

Tgt	Ion:105	Resp:	616975
Ion	Ratio	Lower	Upper
105	100		
71	6.0	4.8	7.2
51	26.7	21.4	32.0
120	23.3	18.6	28.0

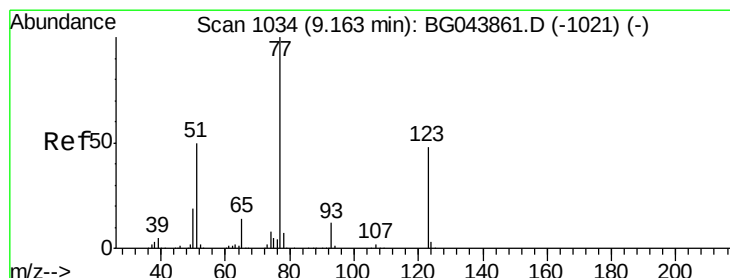
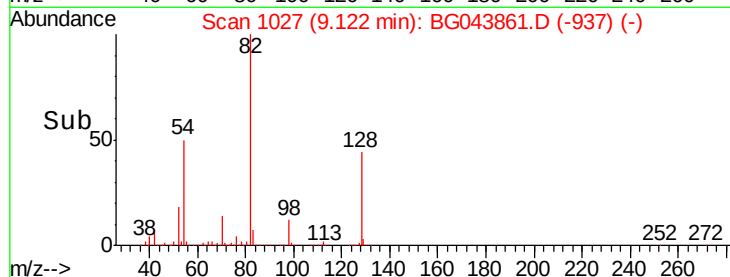
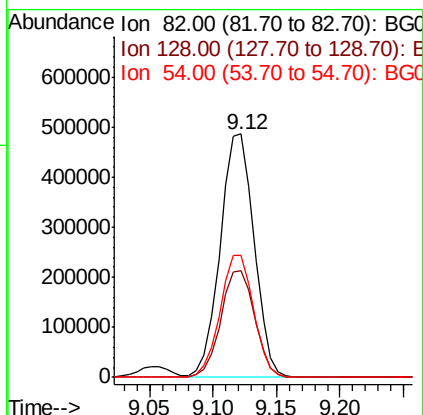
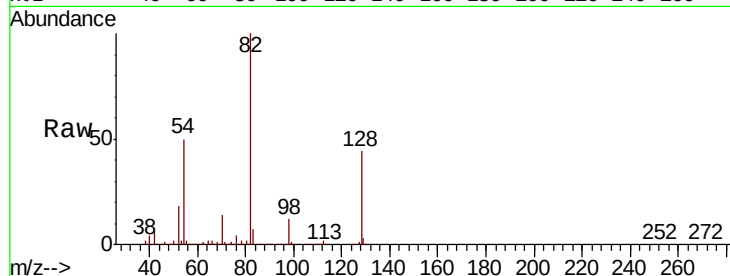




#23
 Nitrobenzene-d5
 Concen: 80.310 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG043861.D
 Acq: 30 Dec 2019 10:46

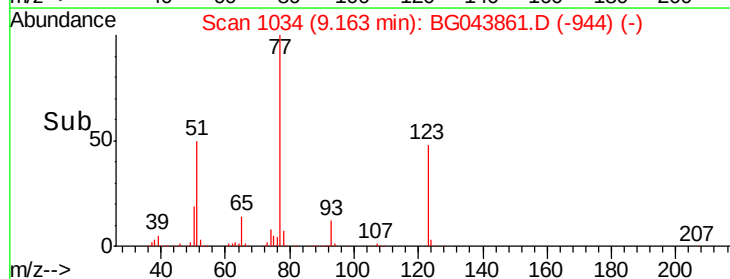
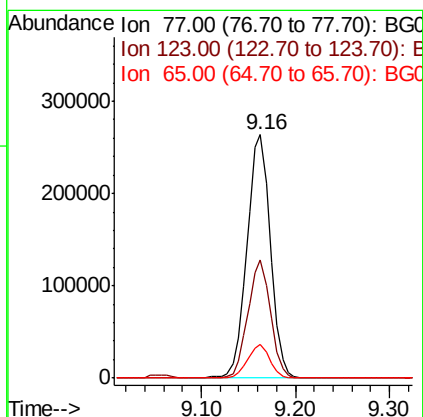
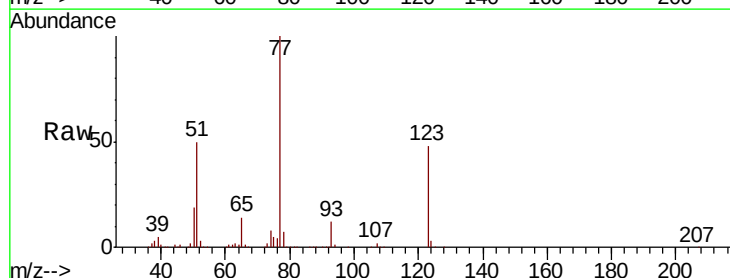
Instrument :
 BNA_G
 ClientSampleId :

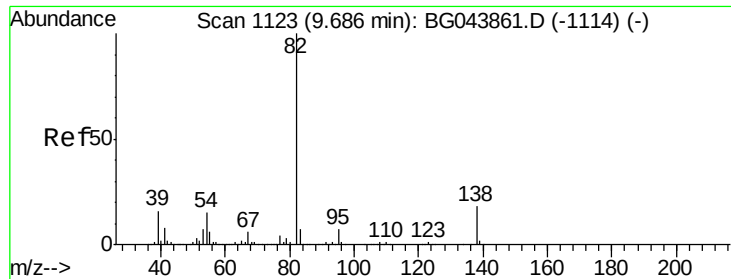
Tot Ion	82	Resp	898306
Ion Ratio	Lower	Upper	
82	100		
128	43.9	35.1	52.7
54	50.1	40.1	60.1



#24
 Nitrobenzene
 Concen: 39.610 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BG043861.D
 Acq: 30 Dec 2019 10:46

Tgt Ion	77	Resp	453629
Ion Ratio	Lower	Upper	
77	100		
123	48.4	38.7	58.1
65	13.9	11.1	16.7





#25

Isophorone

Concen: 39.639 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Instrument :

BNA_G

ClientSampleId :

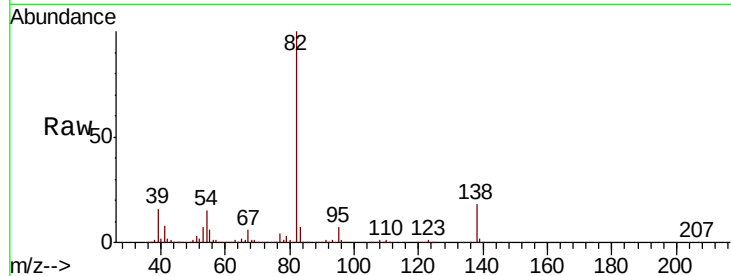
Tot Ion: 82 Resp: 867851

Ion Ratio Lower Upper

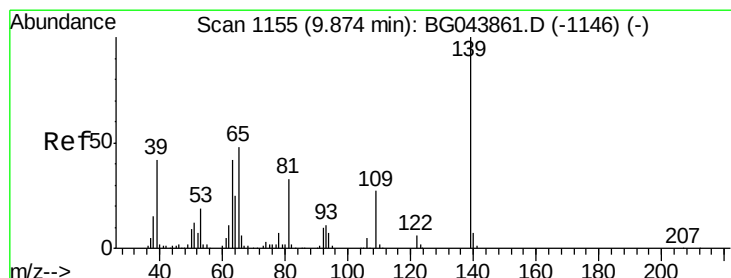
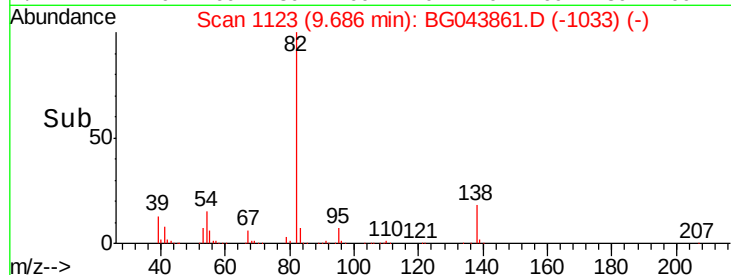
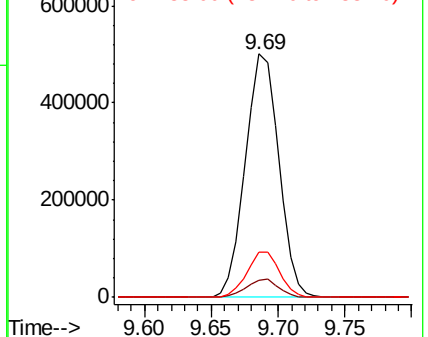
82 100

95 7.2 5.8 8.6

138 18.3 14.6 22.0



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



#26

2-Nitrophenol

Concen: 39.679 ng

RT: 9.87 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

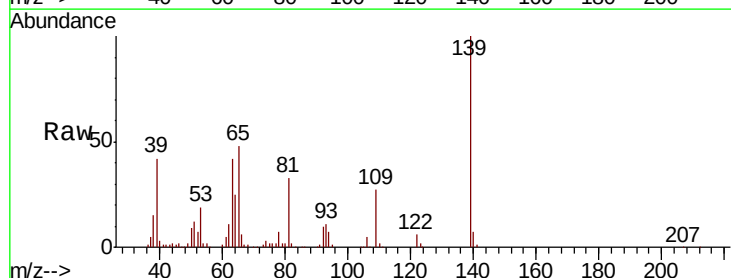
Tgt Ion: 139 Resp: 210794

Ion Ratio Lower Upper

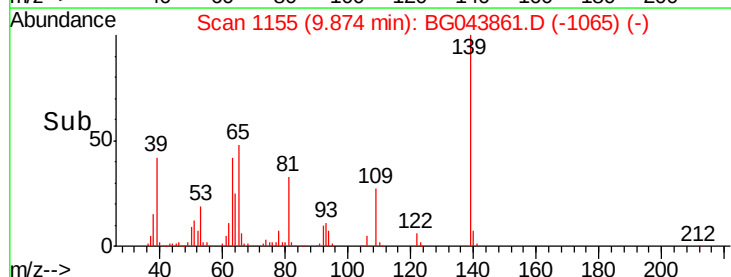
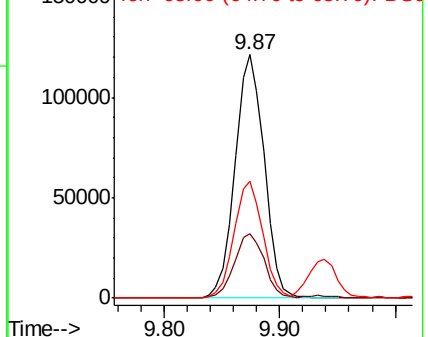
139 100

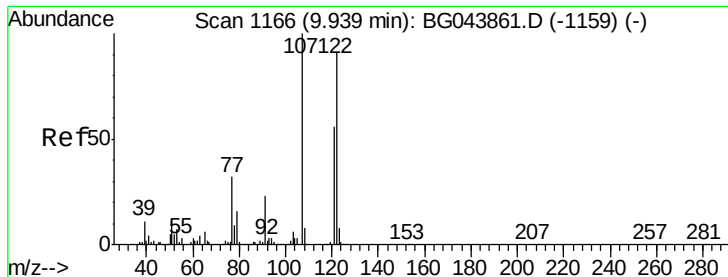
109 26.6 21.3 31.9

65 48.2 38.6 57.8



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

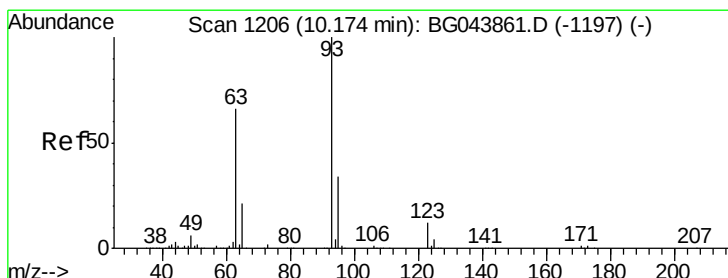
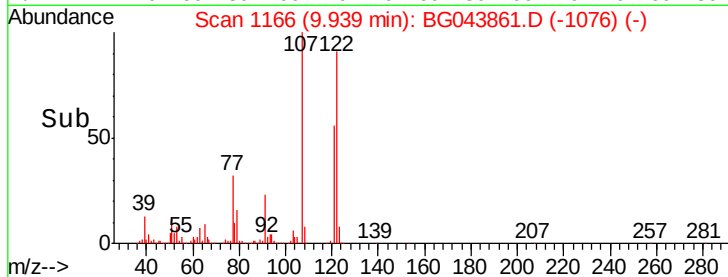
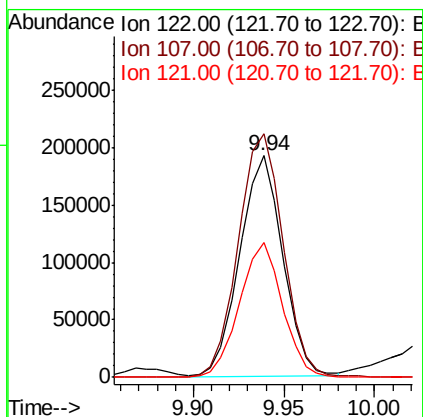
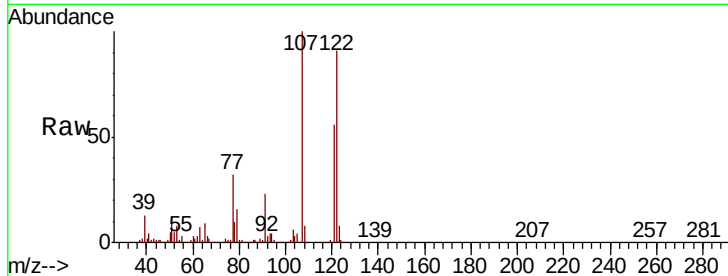




#27
 2,4-Dimethylphenol
 Concen: 39.011 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BG043861.D
 Acq: 30 Dec 2019 10:46

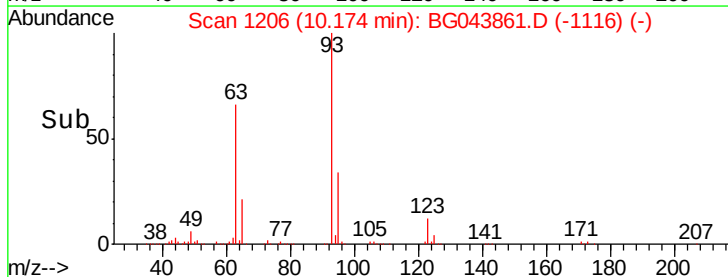
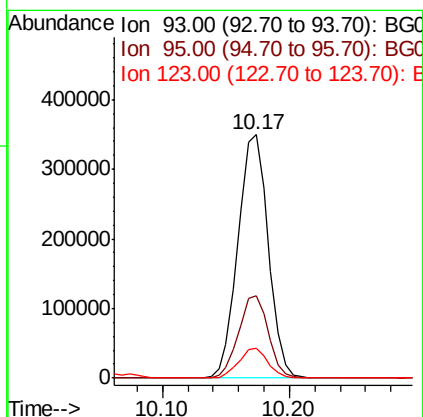
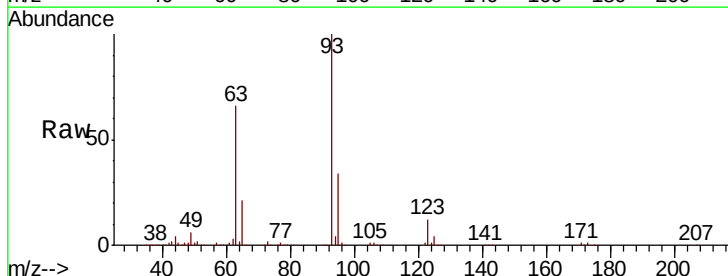
Instrument :
 BNA_G
 ClientSampled :

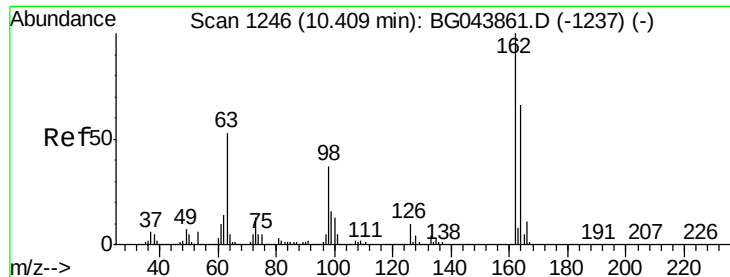
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.0	88.0	132.0
121	61.2	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.752 ng
 RT: 10.17 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BG043861.D
 Acq: 30 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	27.2	40.8
123	12.1	9.7	14.5

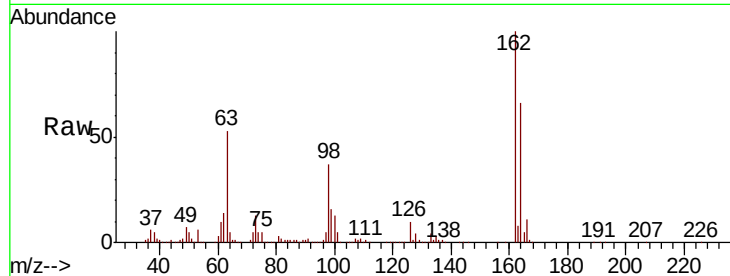




#29
 2,4-Dichlorophenol
 Concen: 39.633 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BG043861.D
 Acq: 30 Dec 2019 10:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	46.3	86.3
98	37.3	17.3	57.3

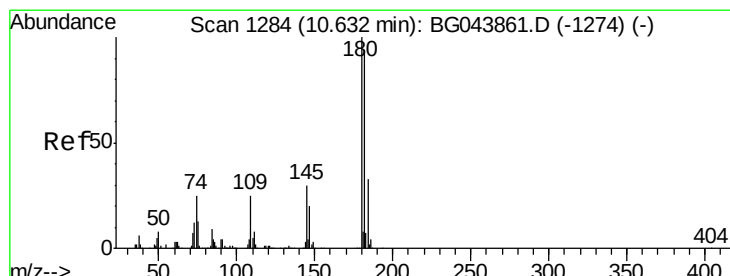
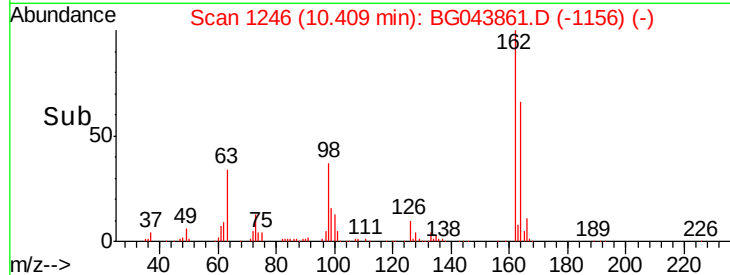
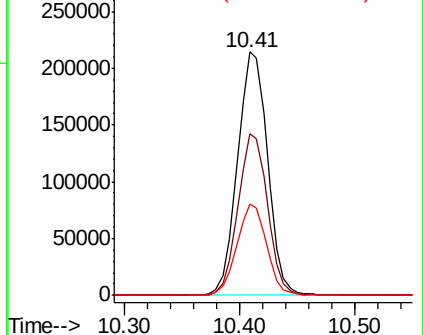


Abundance

Ion 162.00 (161.70 to 162.70): E

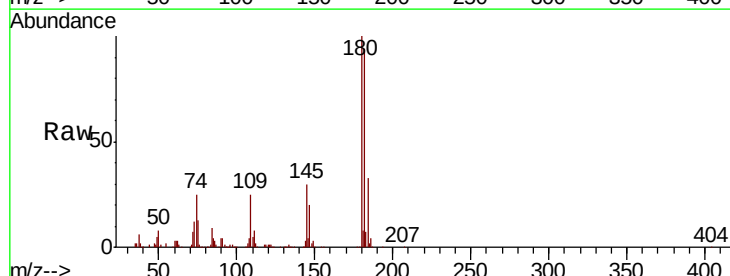
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 39.654 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BG043861.D
 Acq: 30 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.0	112.4
145	30.3	24.2	36.4

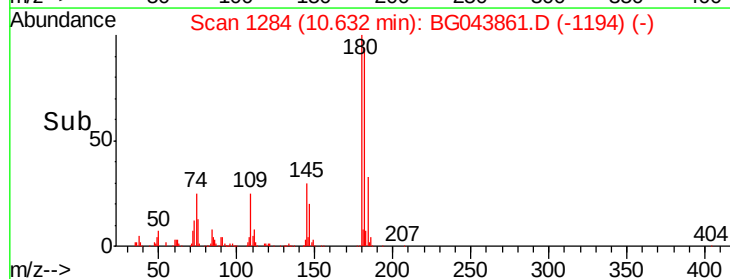
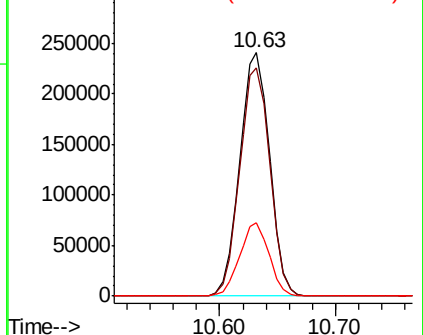


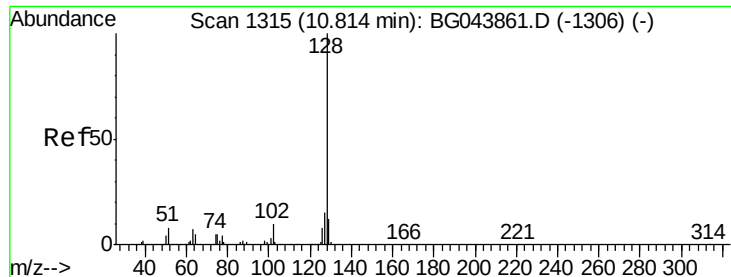
Abundance

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

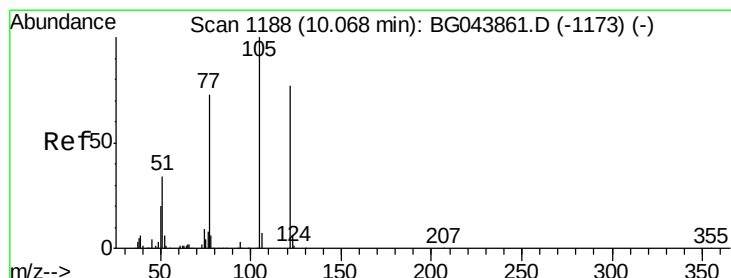
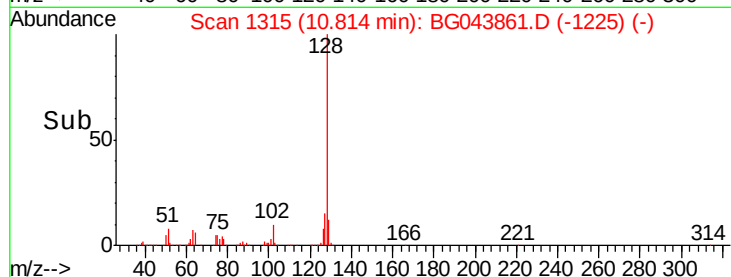
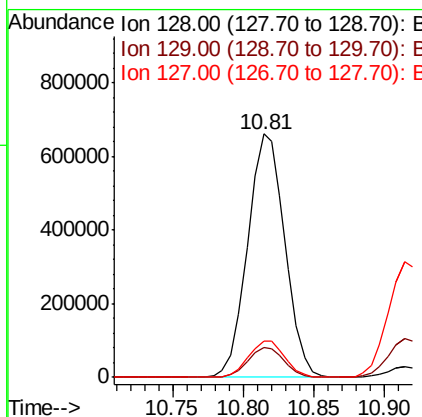
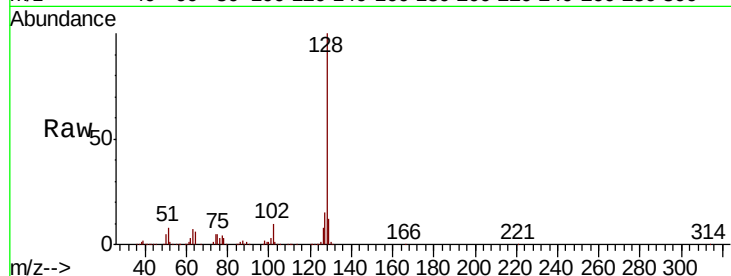




#31
Naphthalene
Concen: 40.429 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

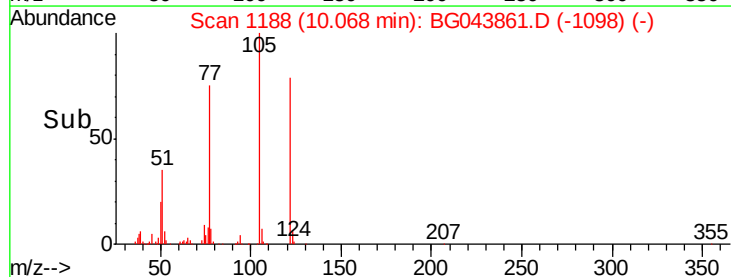
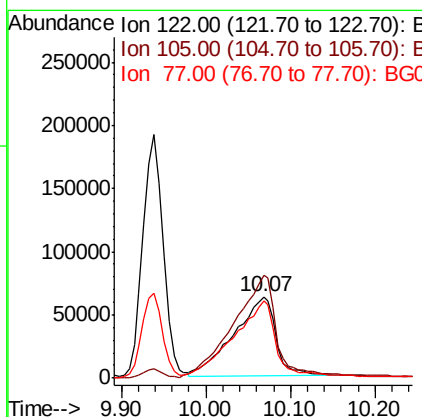
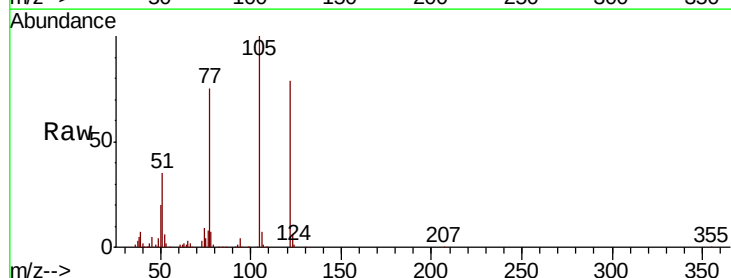
Instrument :
BNA_G
ClientSampled :

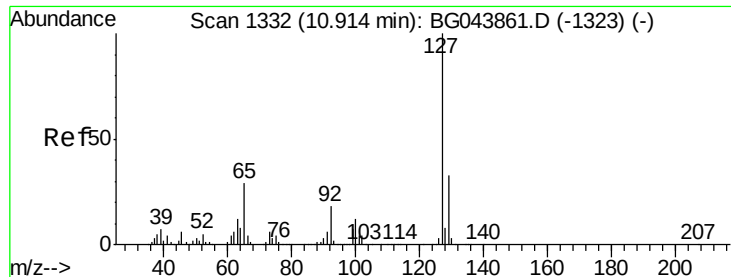
Tot Ion:128 Resp: 1217990
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.6
127 15.0 12.0 18.0



#32
Benzoic acid
Concen: 33.976 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

Tgt Ion:122 Resp: 216082
Ion Ratio Lower Upper
122 100
105 126.4 106.4 146.4
77 94.6 74.6 114.6

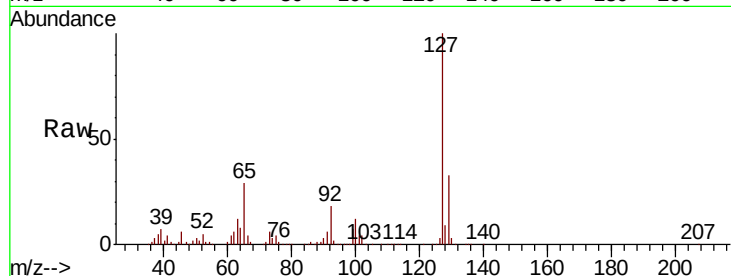




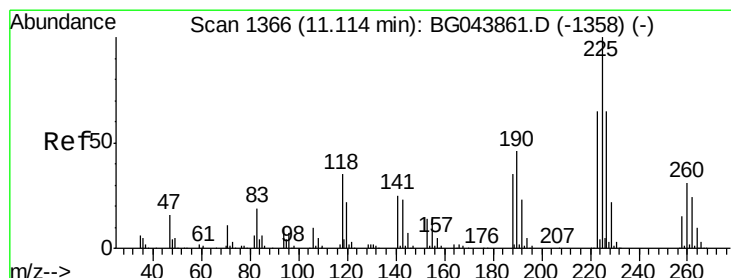
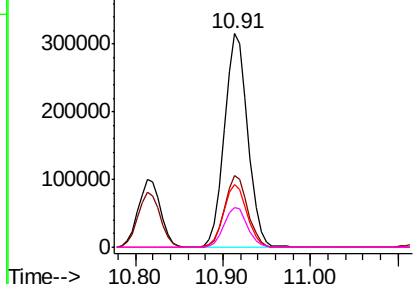
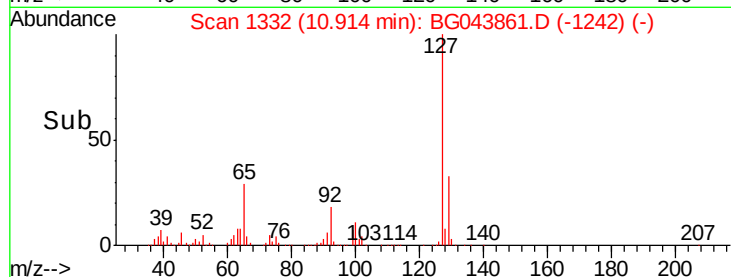
#33
4-Chloroaniline
Concen: 39.851 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	575760
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.6	40.0
65	29.1	23.3	34.9
92	18.4	14.7	22.1

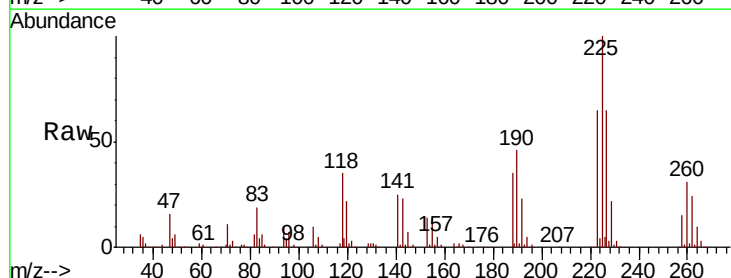


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

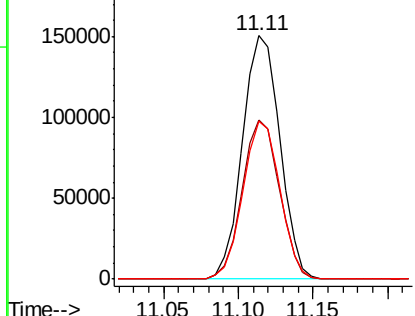
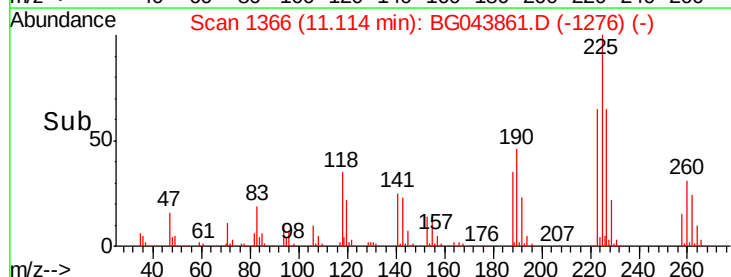


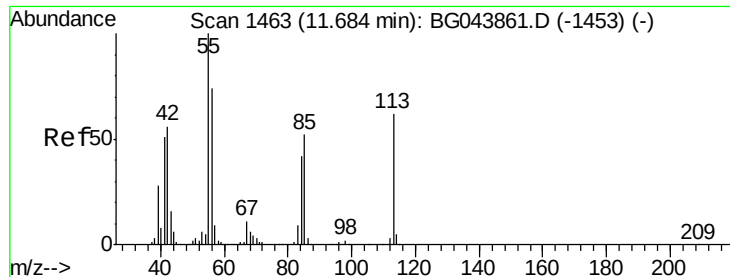
#34
Hexachlorobutadiene
Concen: 39.662 ng
RT: 11.11 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

Tgt Ion:	225	Resp:	261338
Ion	Ratio	Lower	Upper
225	100		
223	65.3	52.2	78.4
227	65.1	52.1	78.1



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

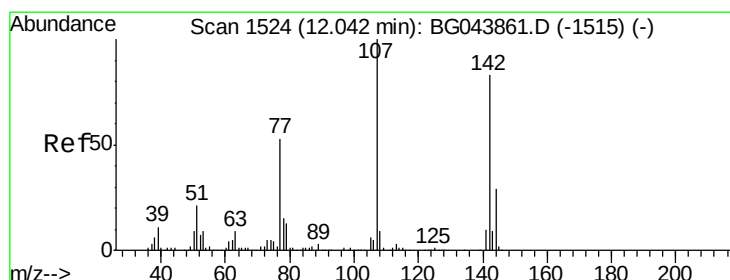
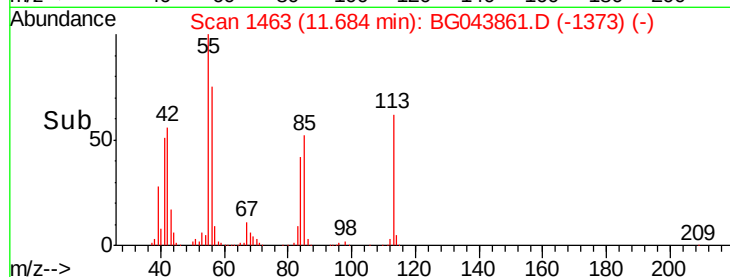
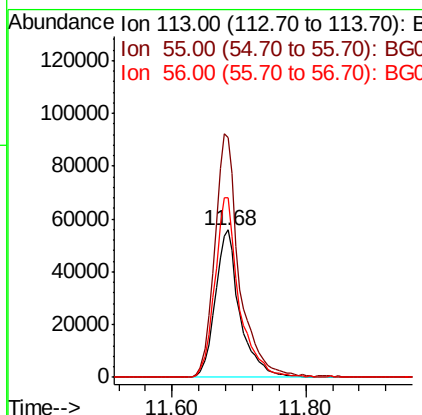
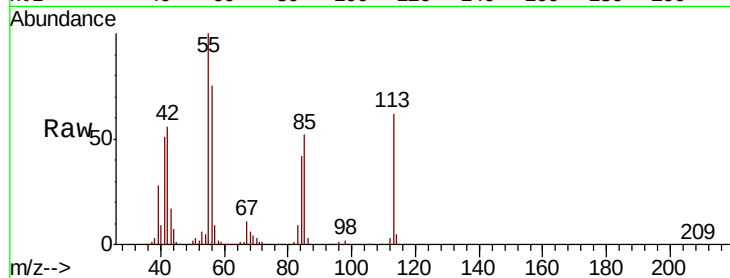




#35
 Caprolactam
 Concen: 39.580 ng
 RT: 11.68 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BG043861.D
 Acq: 30 Dec 2019 10:46

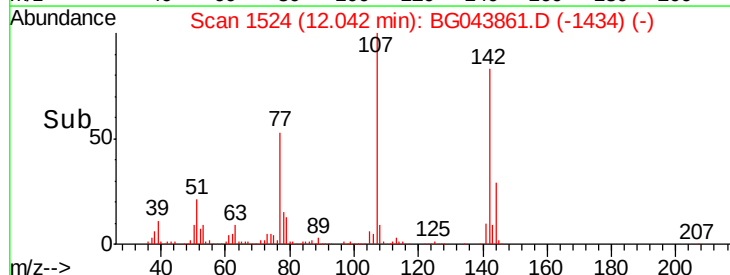
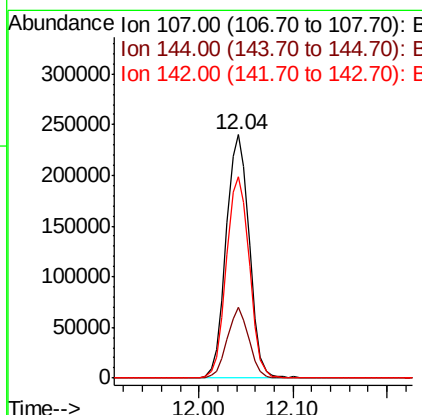
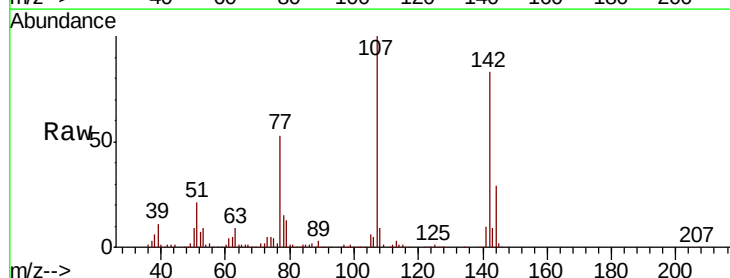
Instrument :
 BNA_G
 ClientSampleId :

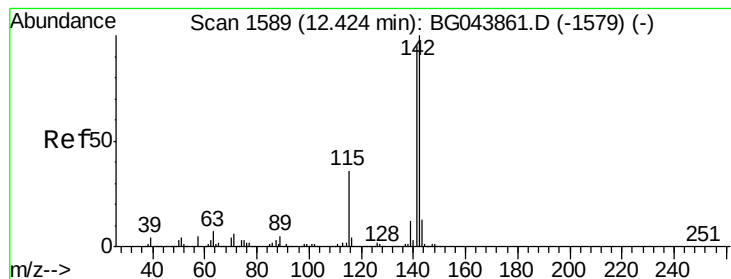
Tot Ion:113 Resp: 144216
 Ion Ratio Lower Upper
 113 100
 55 162.5 142.5 182.5
 56 121.4 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 39.223 ng
 RT: 12.04 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BG043861.D
 Acq: 30 Dec 2019 10:46

Tgt Ion:107 Resp: 412077
 Ion Ratio Lower Upper
 107 100
 144 29.3 23.4 35.2
 142 82.9 66.3 99.5





#37

2-Methylnaphthalene

Concen: 39.592 ng

RT: 12.42 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Instrument :

BNA_G

ClientSampleId :

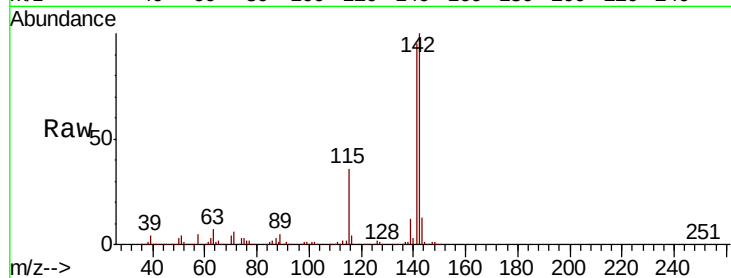
Tot Ion:142 Resp: 900247

Ion Ratio Lower Upper

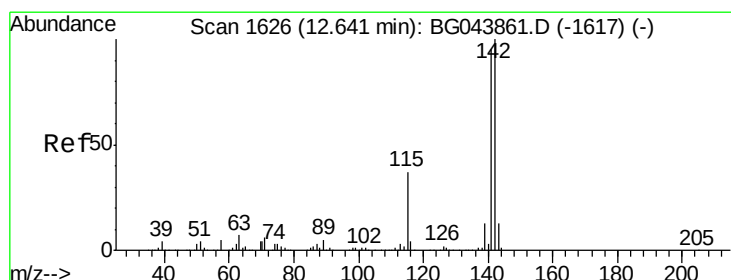
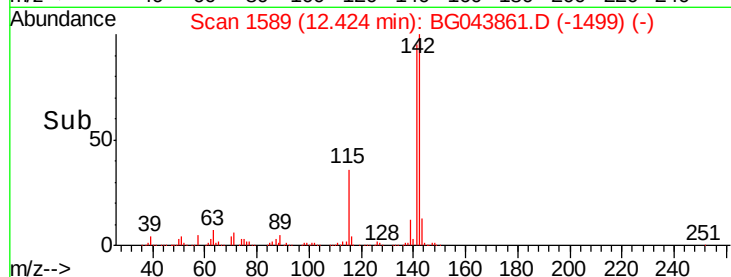
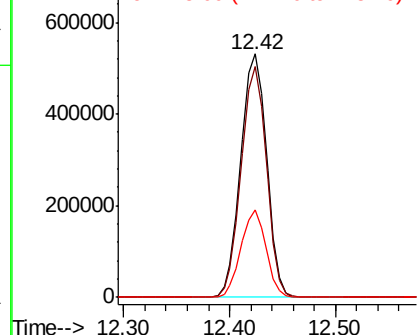
142 100

141 94.8 75.8 113.8

115 35.7 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: 39.586 ng

RT: 12.64 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

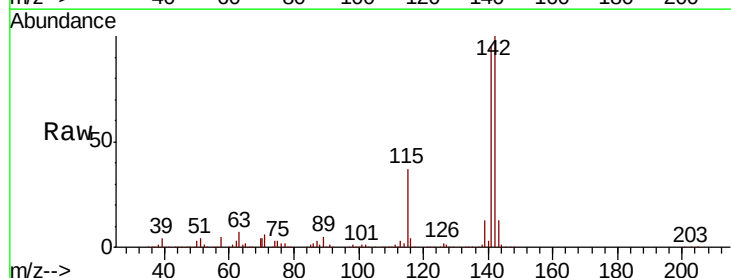
Tgt Ion:142 Resp: 854409

Ion Ratio Lower Upper

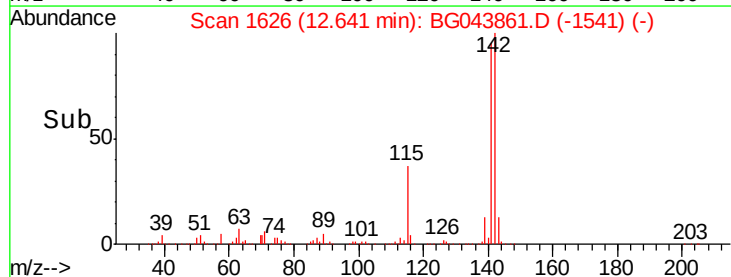
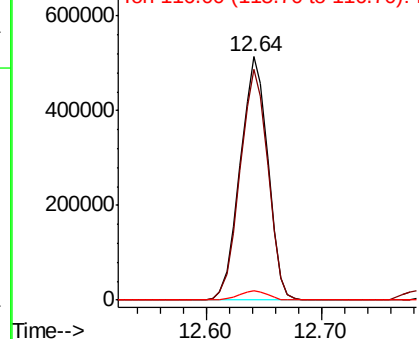
142 100

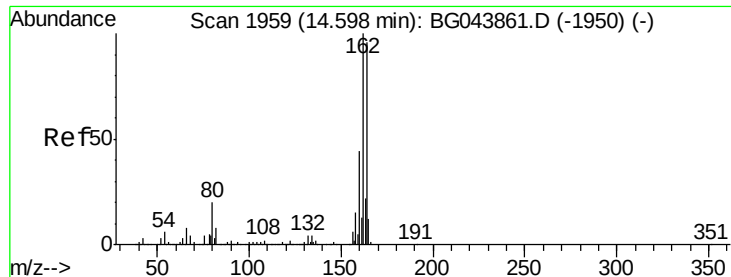
141 95.0 76.0 114.0

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: BG043861.D

Acq: 30 Dec 2019 10:46

Instrument :

BNA_G

ClientSampleId :

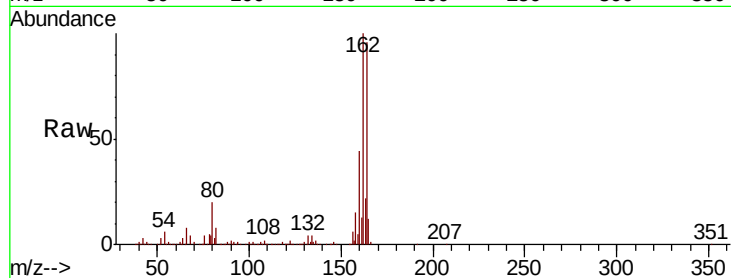
Tot Ion:164 Resp: 397236

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.4

160 45.1 36.1 54.1

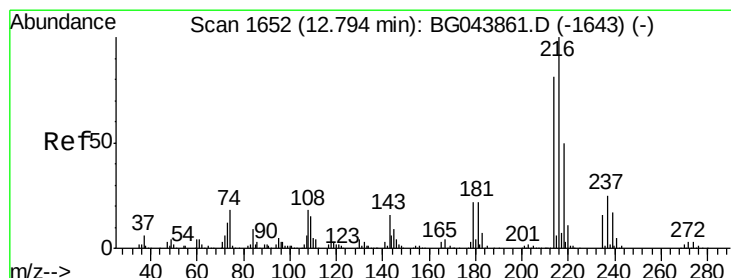
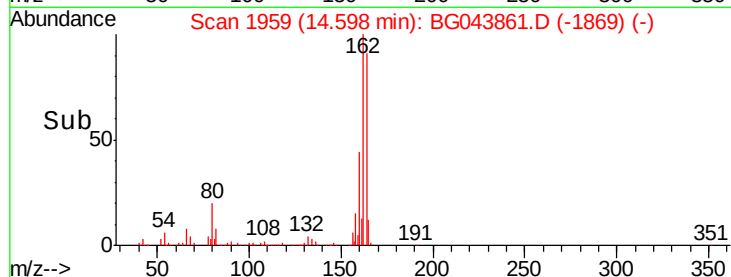
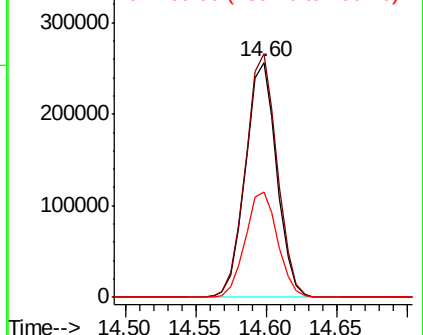


Abundance

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: 39.975 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Tgt Ion:216 Resp: 461562

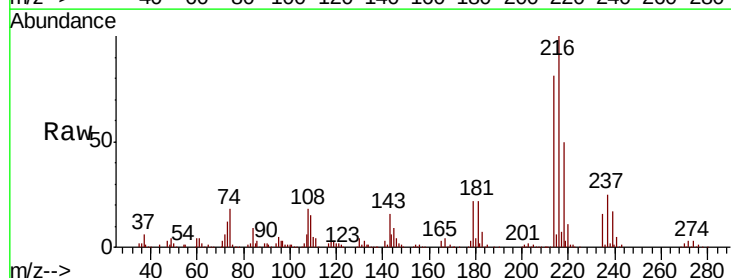
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.8

179 21.6 17.3 25.9

108 19.1 15.3 22.9



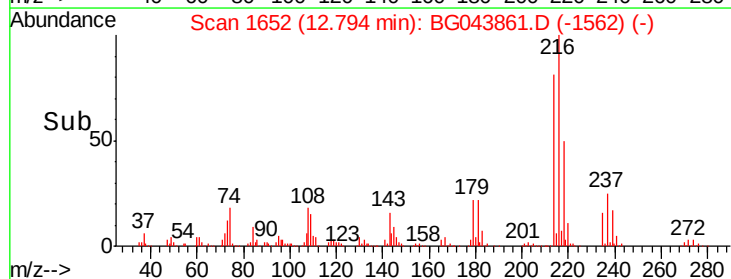
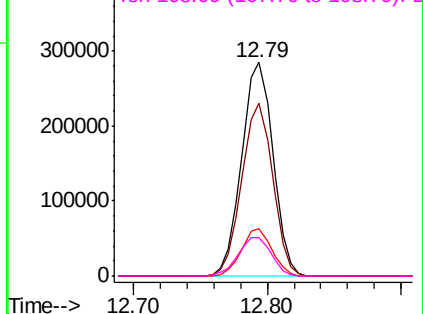
Abundance

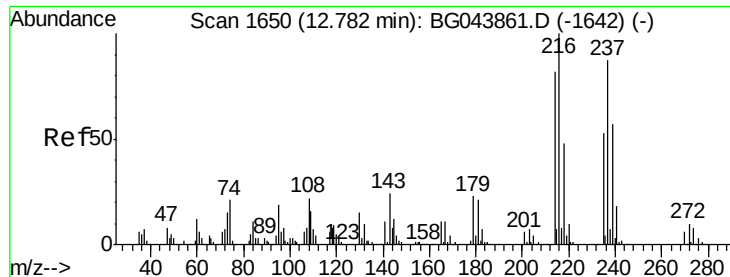
Ion 216.00 (215.70 to 216.70): E

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: 38.862 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Instrument :

BNA_G

ClientSampleId :

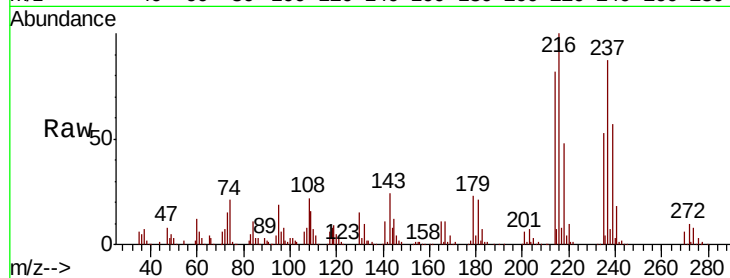
Tot Ion:237 Resp: 239595

Ion Ratio Lower Upper

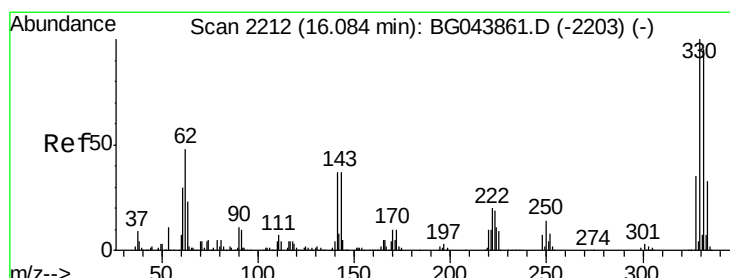
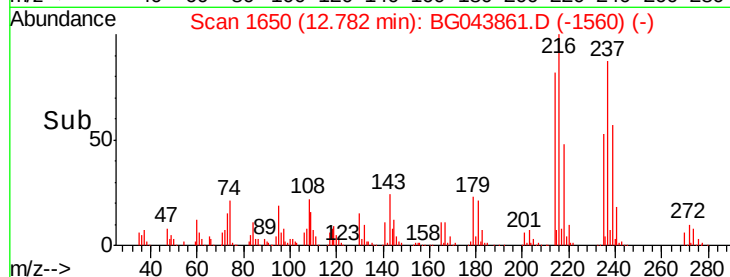
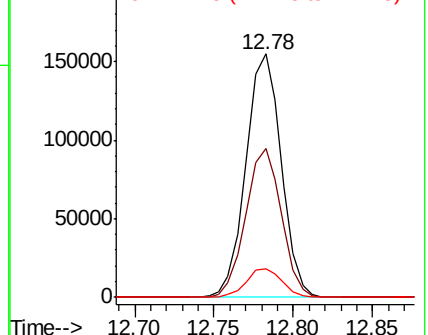
237 100

235 61.1 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: 80.665 ng

RT: 16.08 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

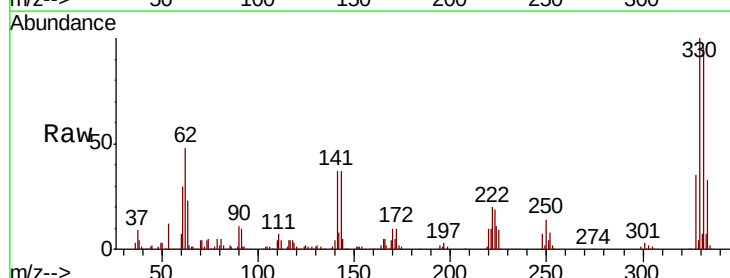
Tgt Ion:330 Resp: 337609

Ion Ratio Lower Upper

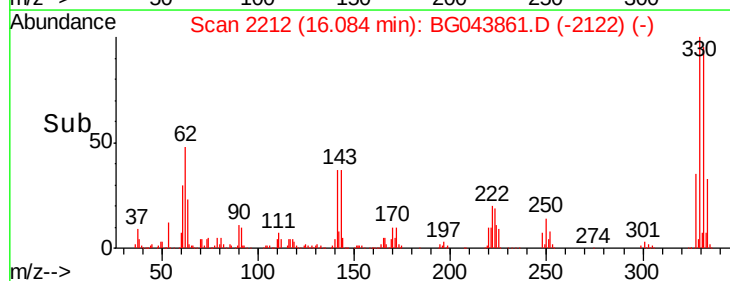
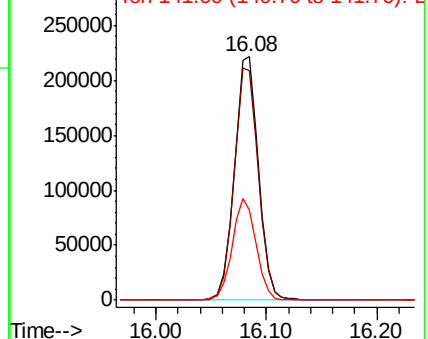
330 100

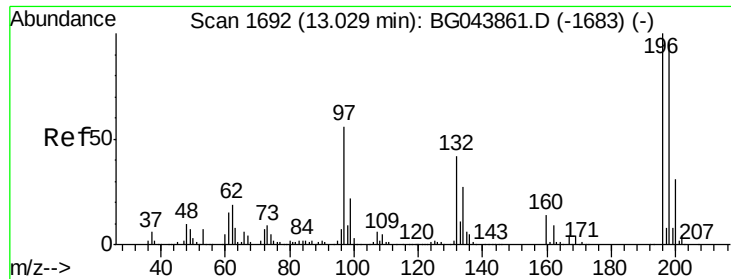
332 96.5 77.2 115.8

141 41.4 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

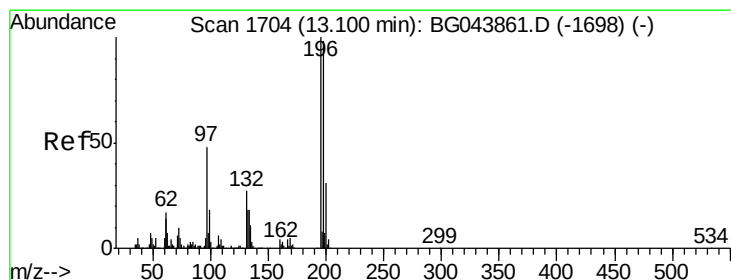
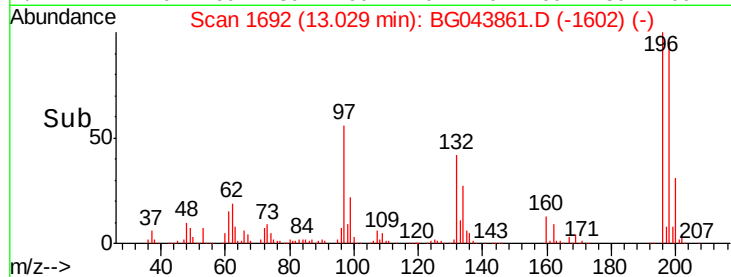
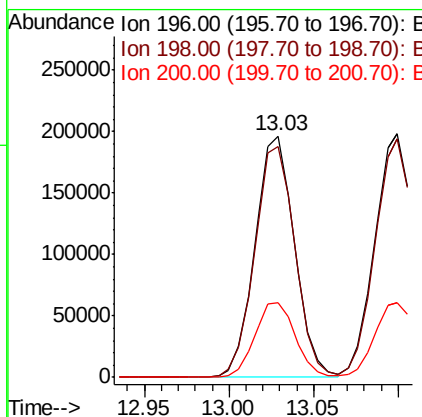
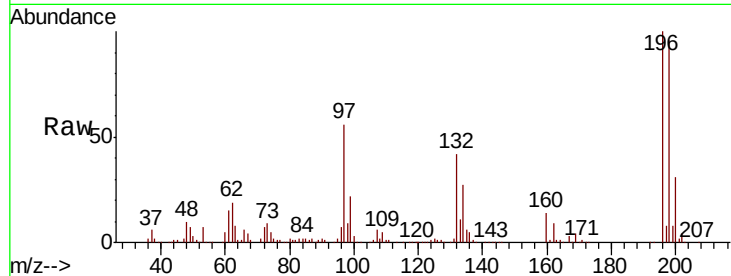




#43
 2,4,6-Trichlorophenol
 Concen: 40.046 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG043861.D
 Acq: 30 Dec 2019 10:46

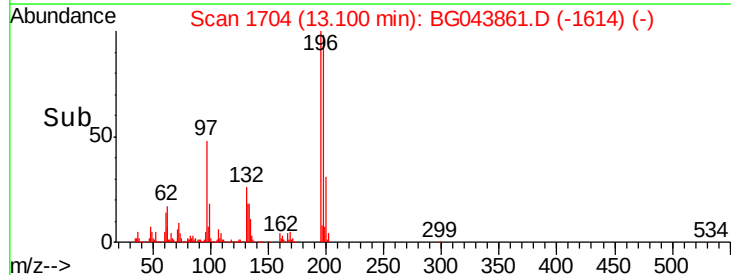
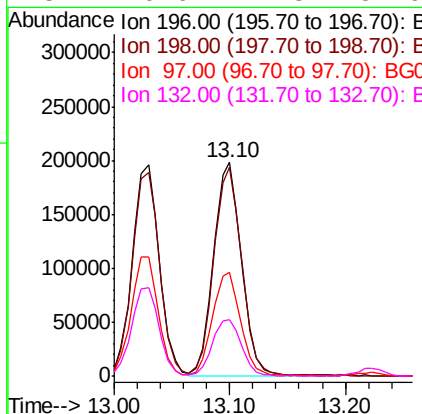
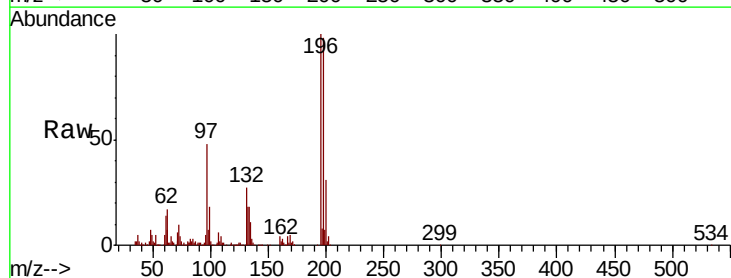
Instrument :
 BNA_G
 ClientSampleId :

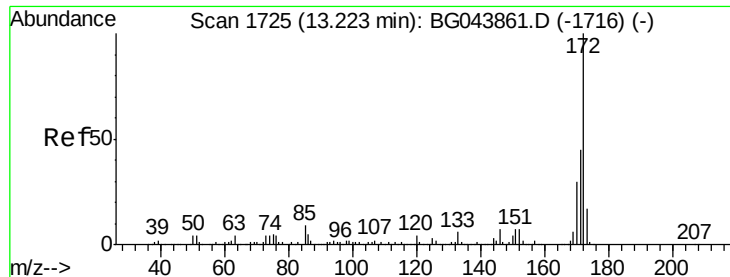
Tot Ion:196 Resp: 320039
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.6 115.0
 200 30.8 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.357 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG043861.D
 Acq: 30 Dec 2019 10:46

Tgt Ion:196 Resp: 330402
 Ion Ratio Lower Upper
 196 100
 198 97.9 78.3 117.5
 97 48.5 38.8 58.2
 132 26.6 21.3 31.9

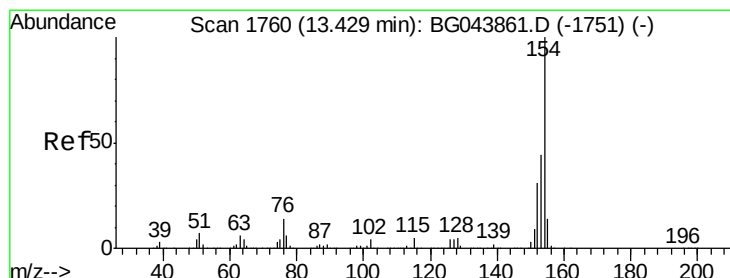
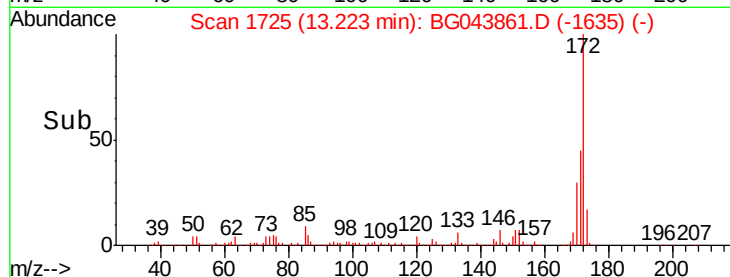
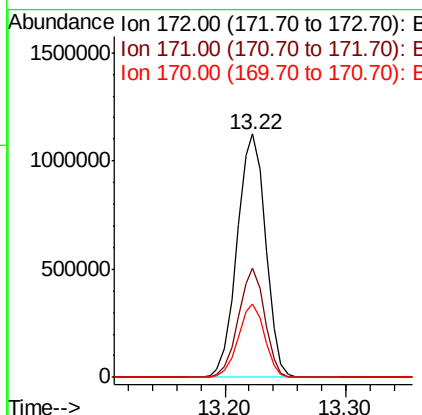
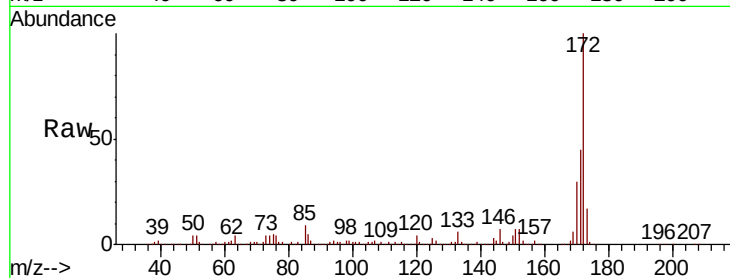




#45
2-Fluorobiphenyl
Concen: 83.021 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

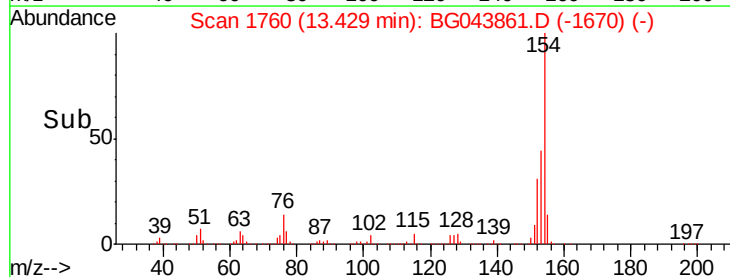
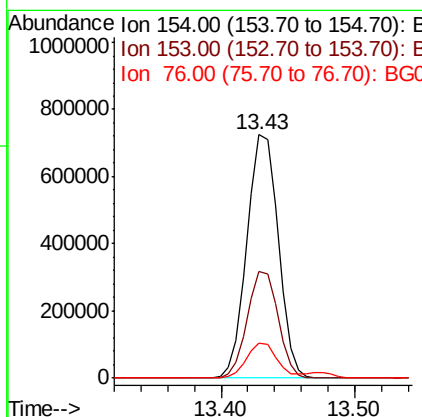
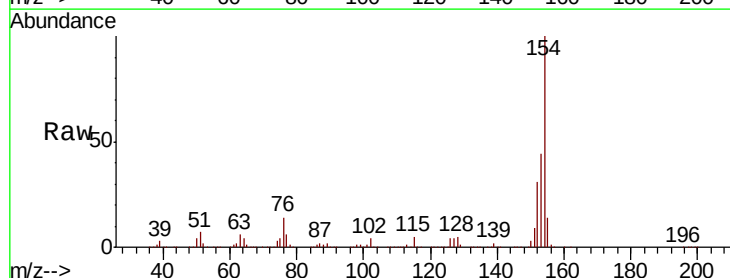
Instrument :
BNA_G
ClientSampled :

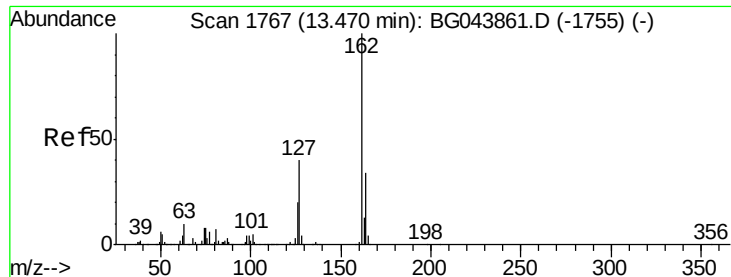
Tot Ion:172 Resp: 1846798
Ion Ratio Lower Upper
172 100
171 44.8 35.8 53.8
170 30.3 24.2 36.4



#46
1,1'-Biphenyl
Concen: 41.036 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

Tgt Ion:154 Resp: 1170255
Ion Ratio Lower Upper
154 100
153 43.6 23.6 63.6
76 14.4 0.0 34.4





#47

2-Chloronaphthalene

Concen: 40.382 ng

RT: 13.47 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Instrument :

BNA_G

ClientSampleId :

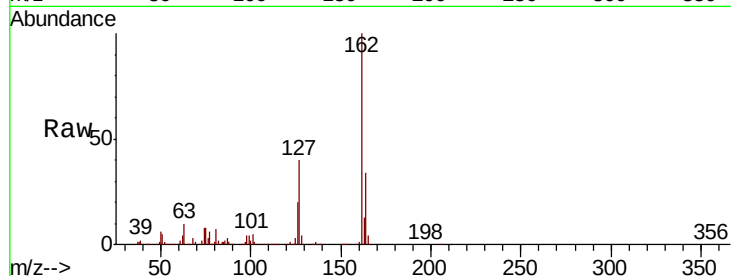
Tot Ion:162 Resp: 928497

Ion Ratio Lower Upper

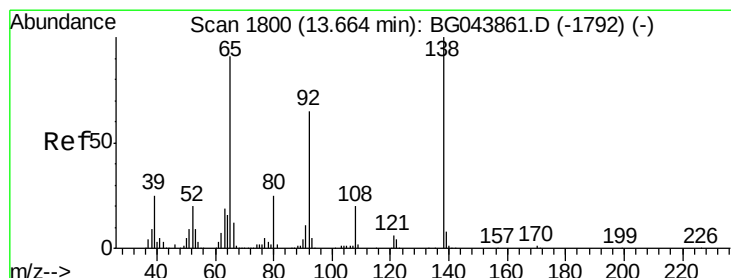
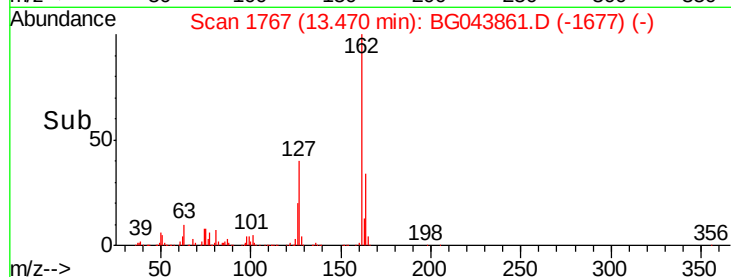
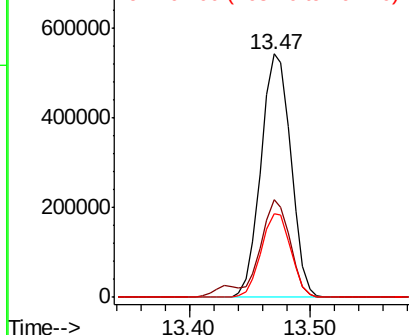
162 100

127 40.1 32.1 48.1

164 34.4 27.5 41.3



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



#48

2-Nitroaniline

Concen: 39.977 ng

RT: 13.66 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

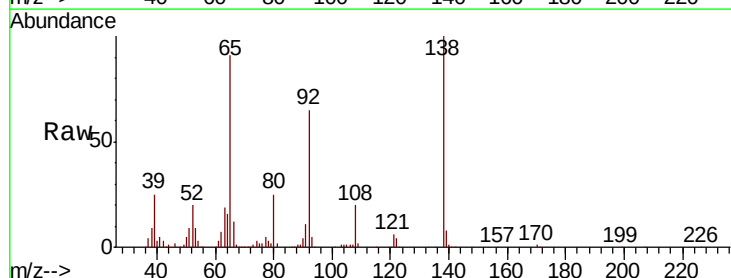
Tgt Ion: 65 Resp: 294410

Ion Ratio Lower Upper

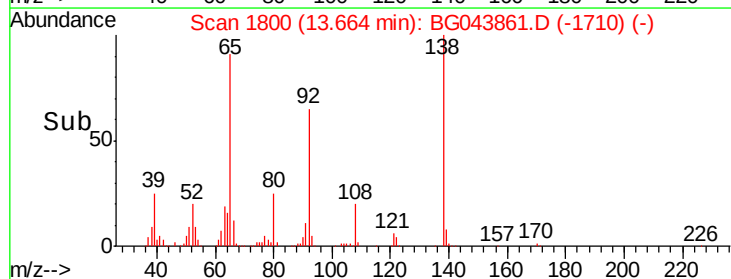
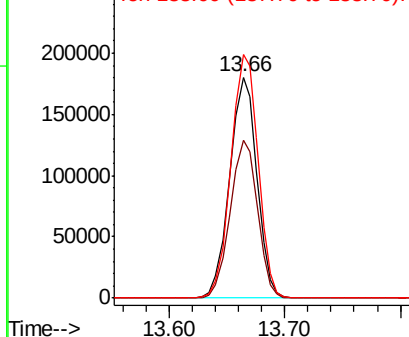
65 100

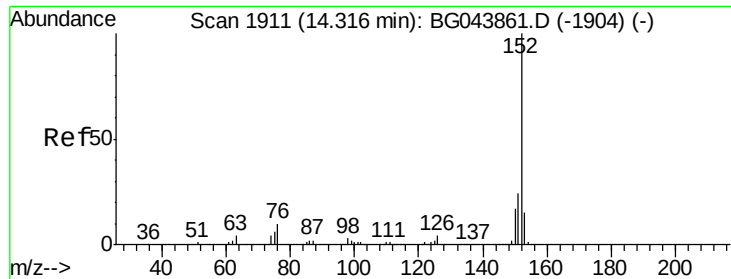
92 71.8 57.4 86.2

138 110.3 88.2 132.4



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





#49

Acenaphthylene

Concen: 40.725 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Instrument :

BNA_G

ClientSampleId :

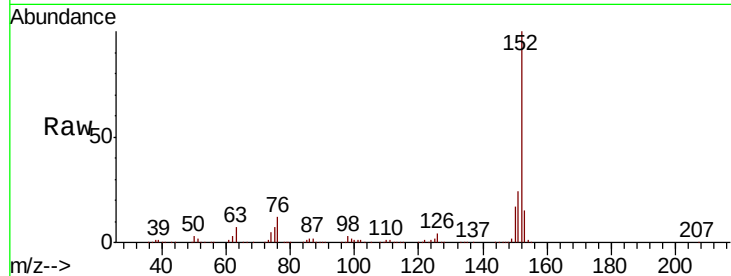
Tot Ion:152 Resp: 1357512

Ion Ratio Lower Upper

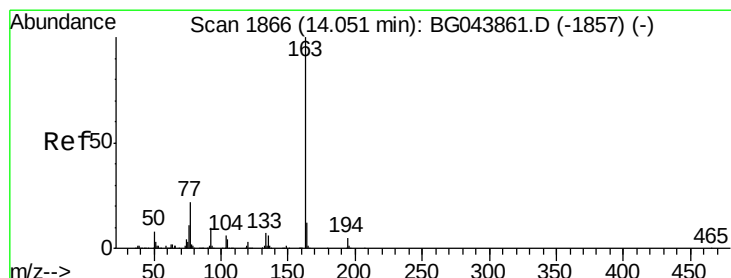
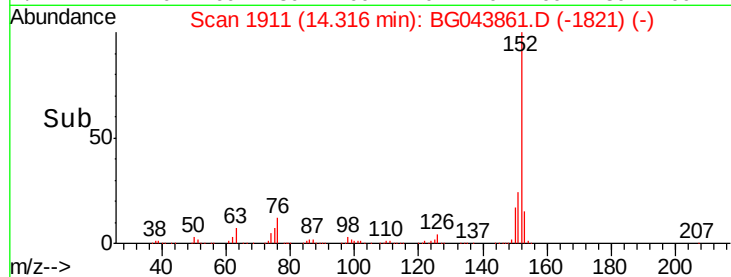
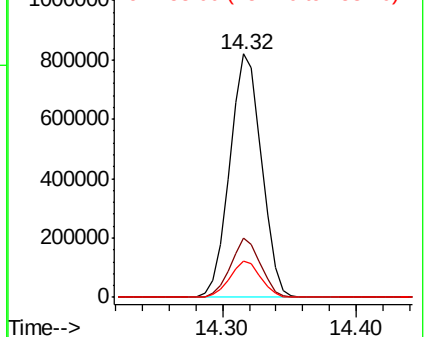
152 100

151 24.3 19.4 29.2

153 15.0 12.0 18.0



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



#50

Dimethylphthalate

Concen: 40.823 ng

RT: 14.05 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

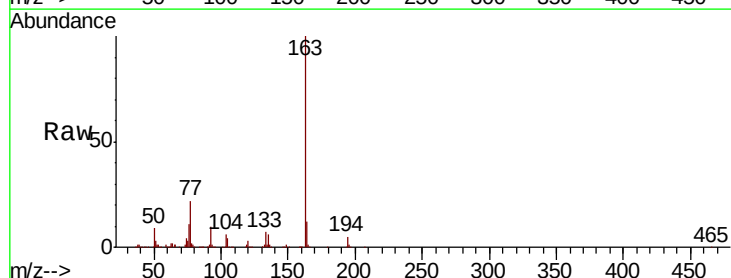
Tgt Ion:163 Resp: 1158719

Ion Ratio Lower Upper

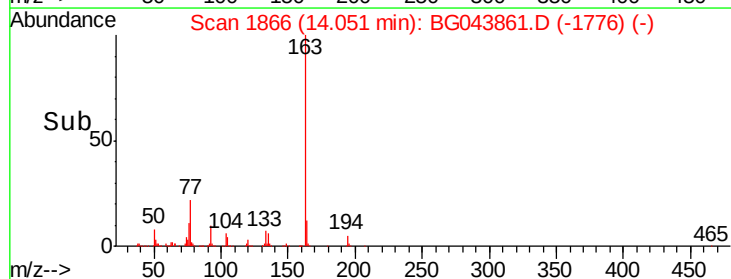
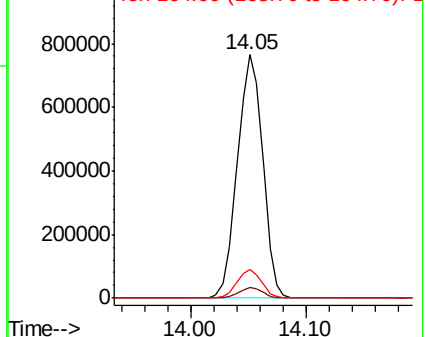
163 100

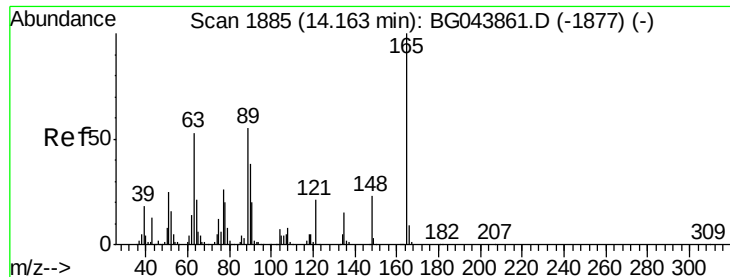
194 4.6 3.7 5.5

164 11.6 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: 39.284 ng

RT: 14.16 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Instrument :

BNA_G

ClientSampleId :

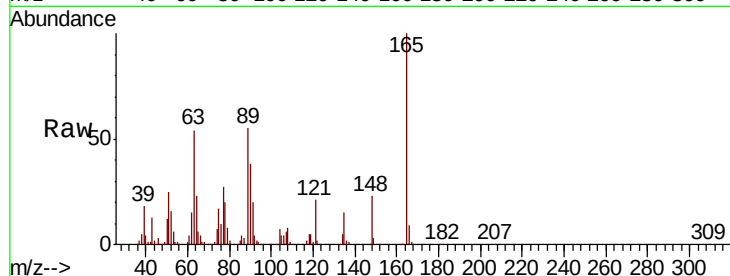
Tot Ion:165 Resp: 252023

Ion Ratio Lower Upper

165 100

63 53.9 43.1 64.7

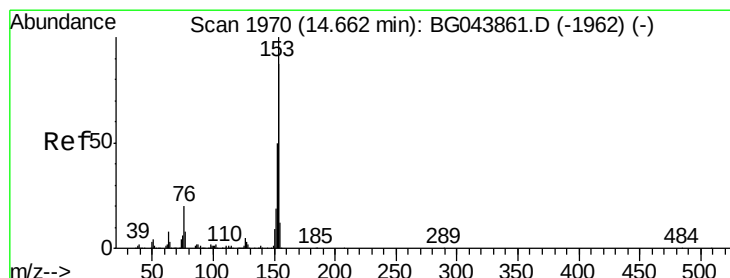
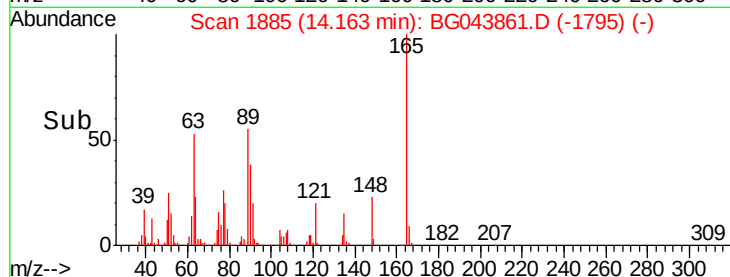
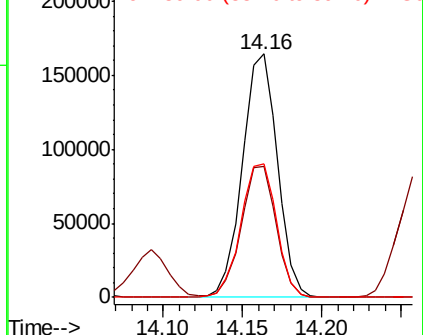
89 54.7 43.8 65.6



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: 39.892 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

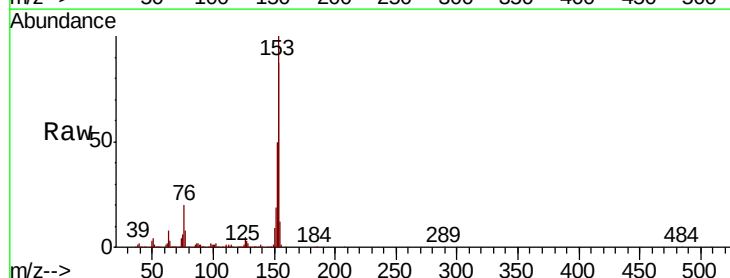
Tgt Ion:154 Resp: 929000

Ion Ratio Lower Upper

154 100

153 114.5 91.6 137.4

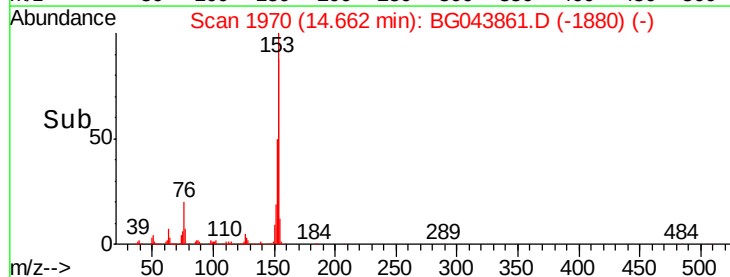
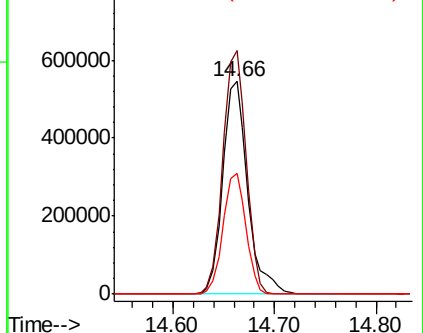
152 56.7 45.4 68.0

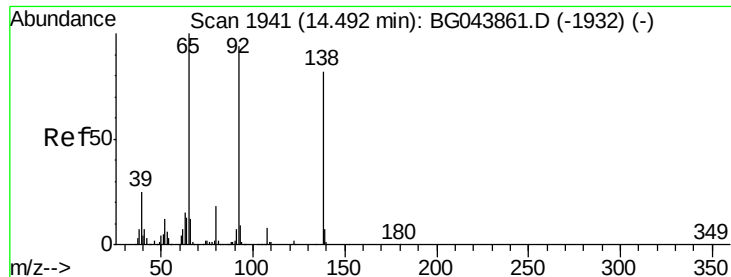


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

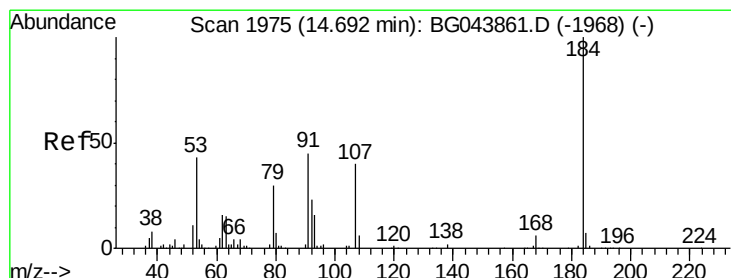
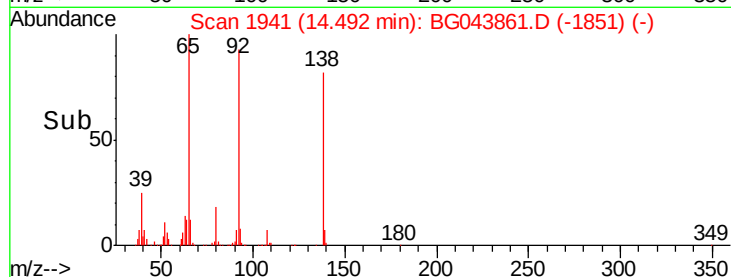
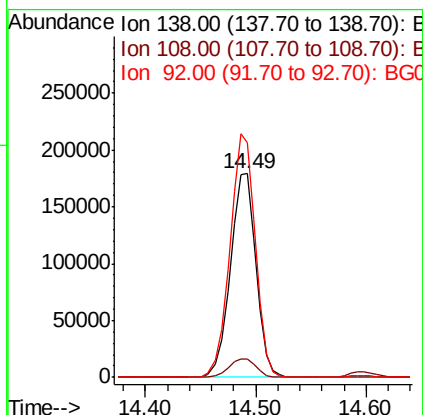
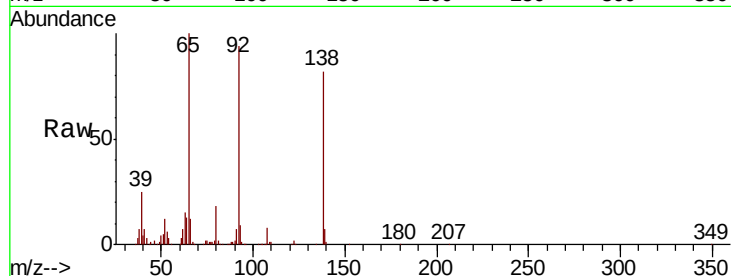




#53
3-Nitroaniline
Concen: 40.325 ng
RT: 14.49 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

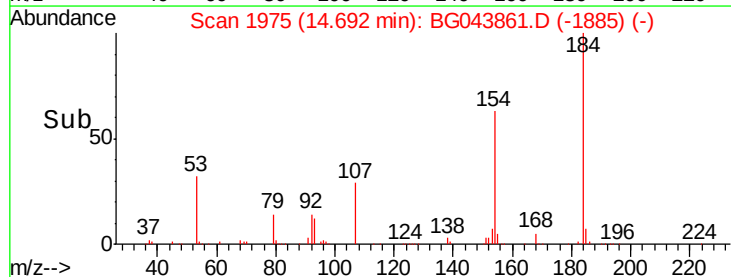
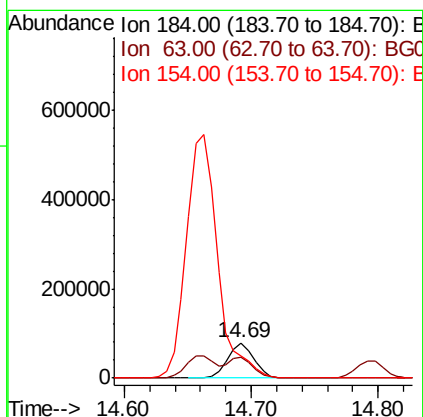
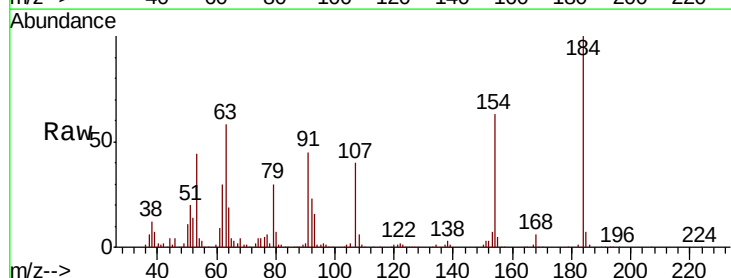
Instrument :
BNA_G
ClientSampleId :

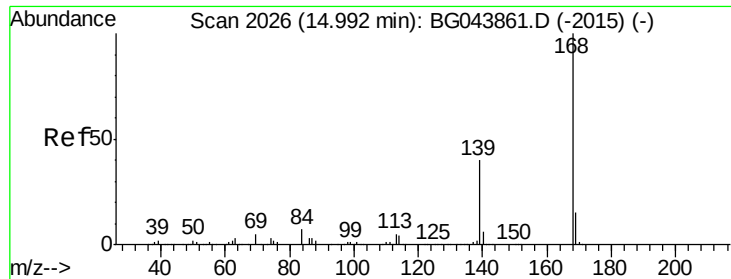
Tot Ion:138 Resp: 292523
Ion Ratio Lower Upper
138 100
108 9.3 7.4 11.2
92 115.1 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 40.025 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

Tgt Ion:184 Resp: 113691
Ion Ratio Lower Upper
184 100
63 58.3 46.6 70.0
154 62.8 50.2 75.4

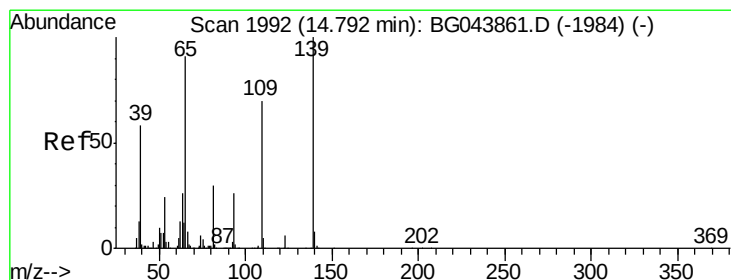
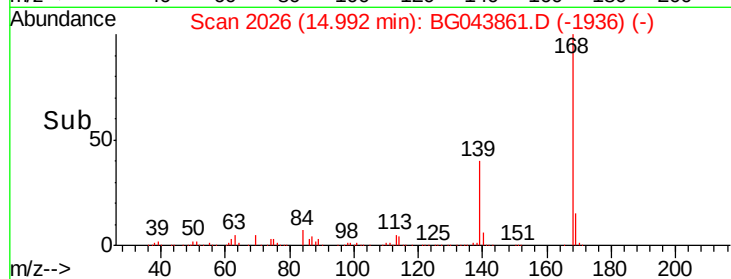
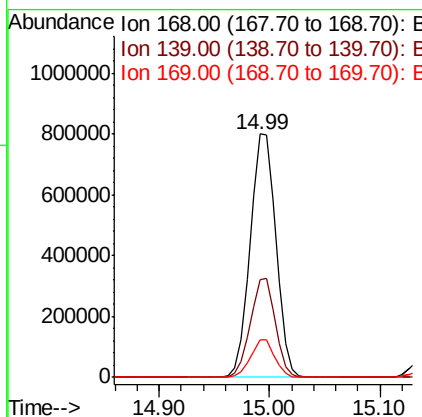
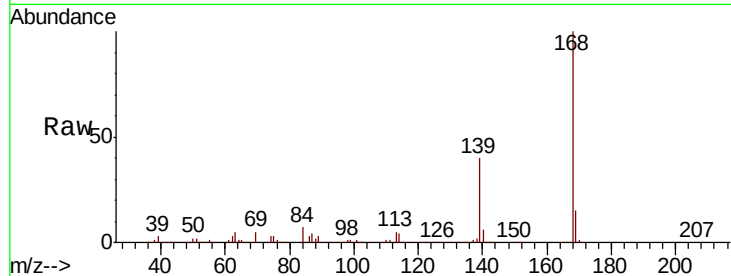




#55
Dibenzofuran
Concen: 40.912 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

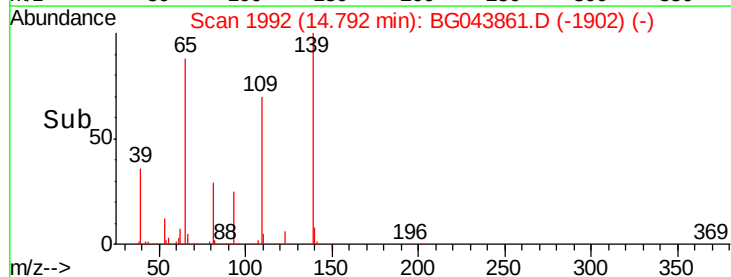
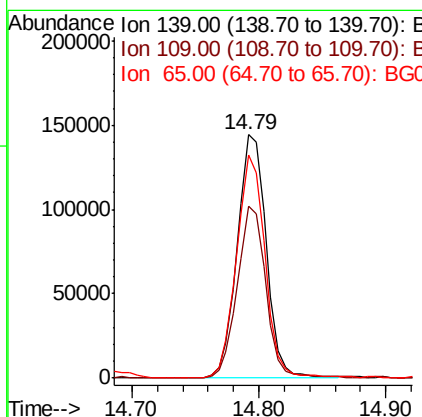
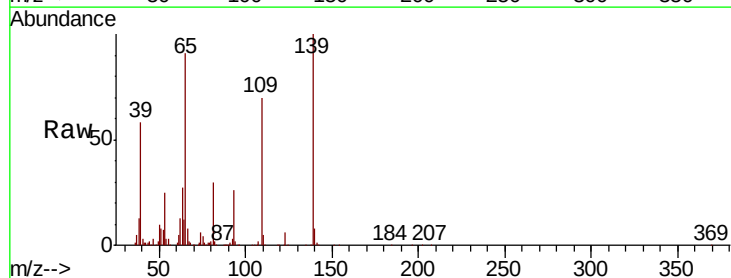
Instrument :
BNA_G
ClientSampleId :

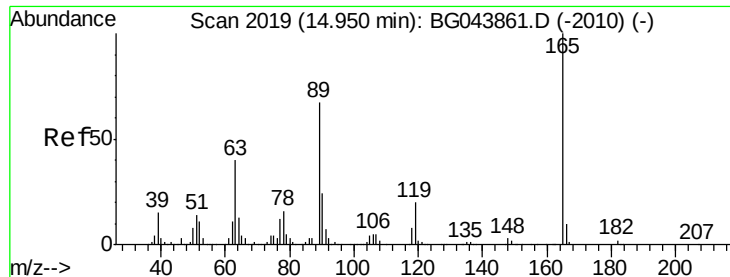
Tot Ion:168 Resp: 1316377
Ion Ratio Lower Upper
168 100
139 40.2 32.2 48.2
169 15.2 12.2 18.2



#56
4-Nitrophenol
Concen: 41.215 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

Tgt Ion:139 Resp: 229275
Ion Ratio Lower Upper
139 100
109 70.4 50.4 90.4
65 91.4 71.4 111.4

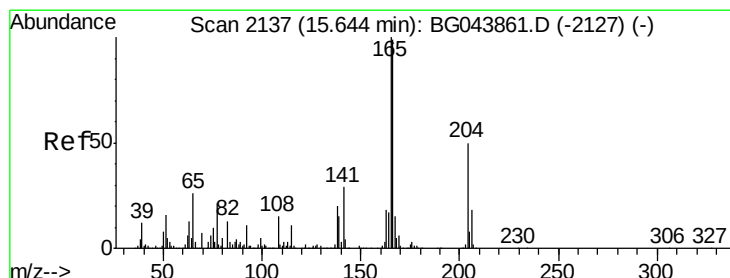
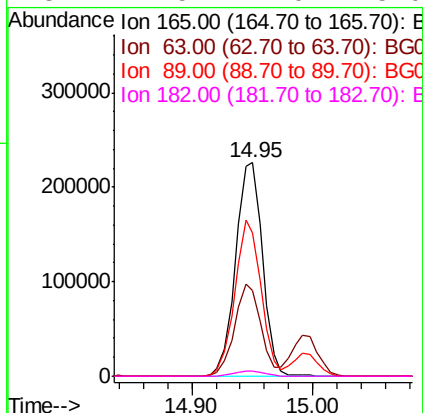
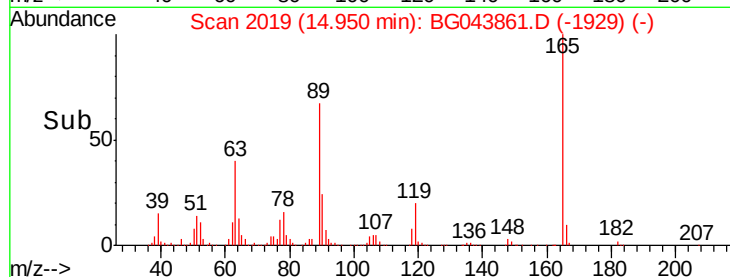
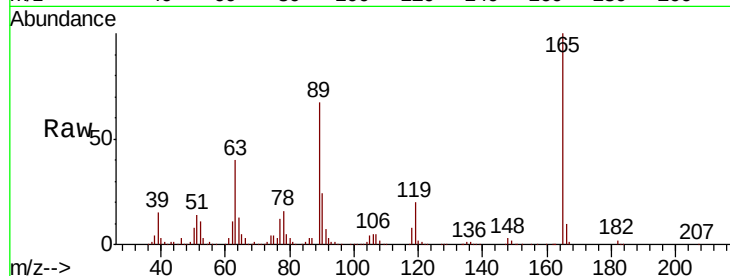




#57
2,4-Dinitrotoluene
Concen: 40.629 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

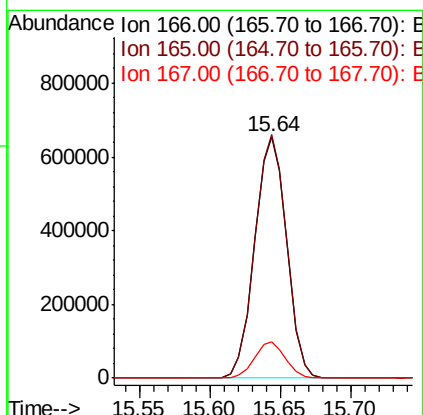
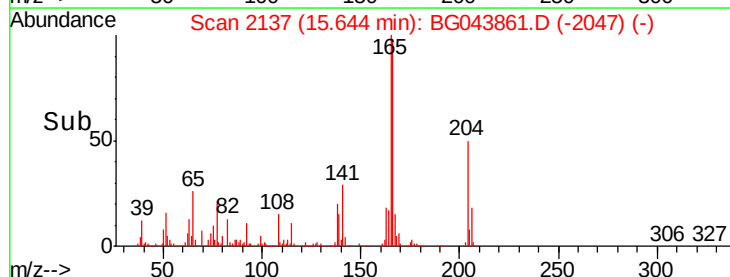
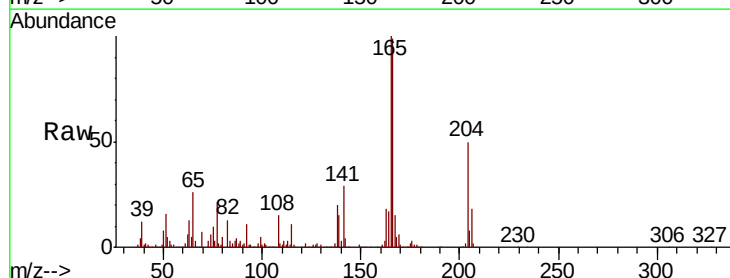
Instrument :
BNA_G
ClientSampleId :

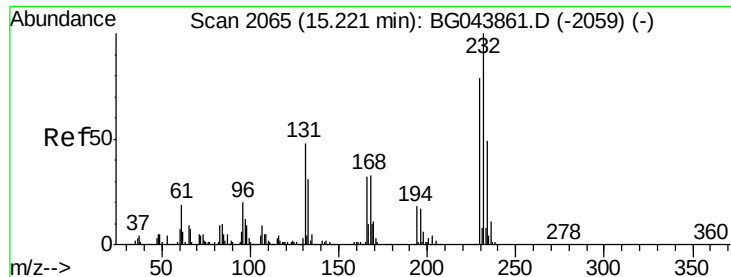
Tot Ion:165	Resp:	351312
Ion	Ratio	Lower Upper
165	100	
63	39.9	31.9 47.9
89	67.2	53.8 80.6
182	2.5	2.0 3.0



#58
Fluorene
Concen: 40.555 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

Tgt Ion:166	Resp:	1034849
Ion	Ratio	Lower Upper
166	100	
165	101.0	80.8 121.2
167	15.1	12.1 18.1

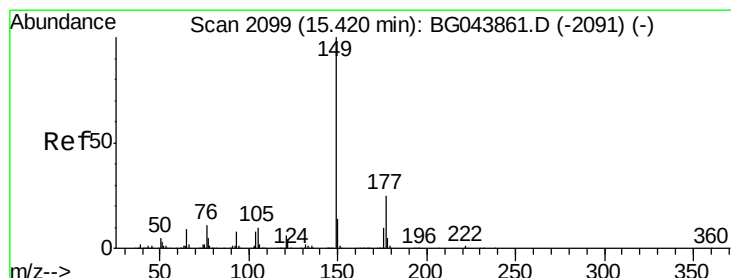
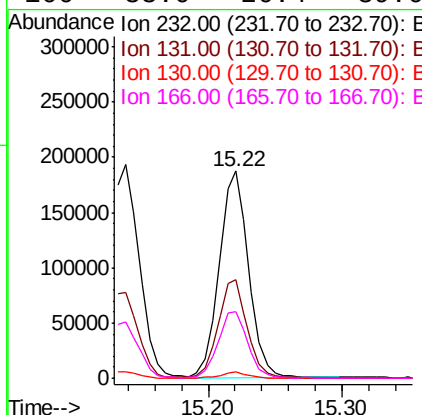
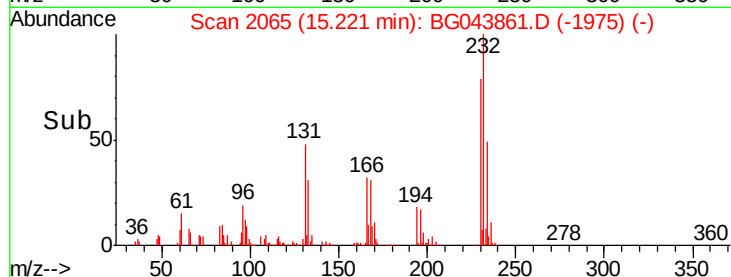
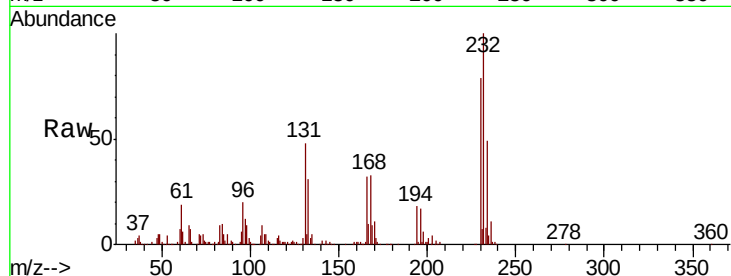




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.326 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG043861.D
 Acq: 30 Dec 2019 10:46

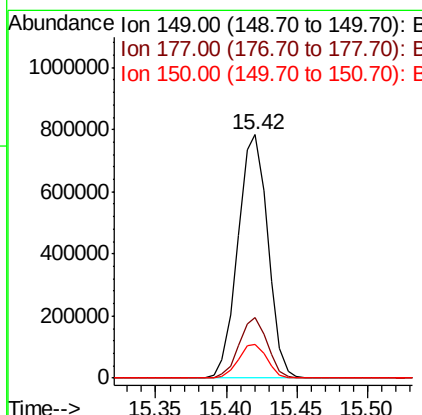
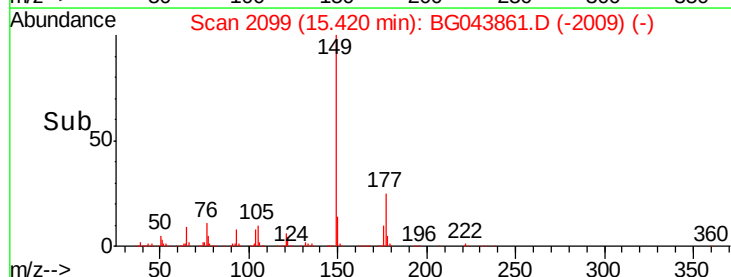
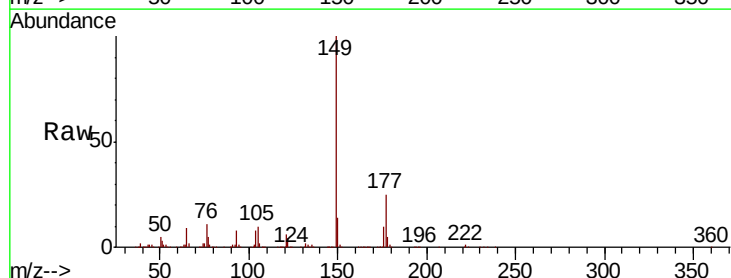
Instrument :
 BNA_G
 ClientSampled :

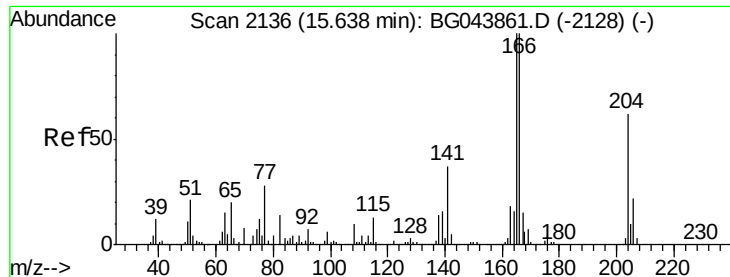
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.7	38.2	57.2
130	2.7	2.2	3.2
166	33.0	26.4	39.6



#60
 Diethylphthalate
 Concen: 40.926 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG043861.D
 Acq: 30 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.0	20.0	30.0
150	13.9	11.1	16.7

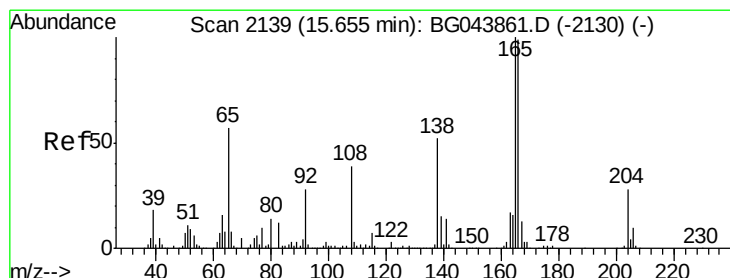
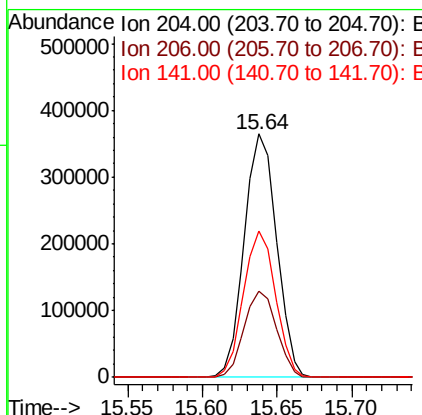
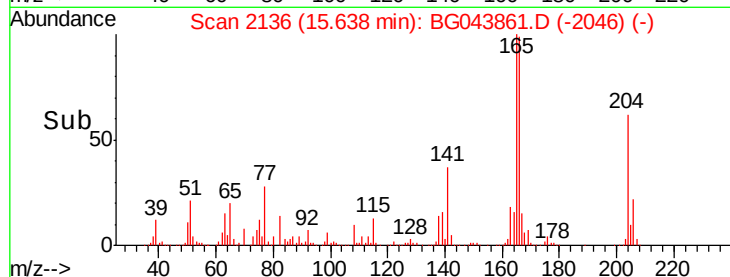
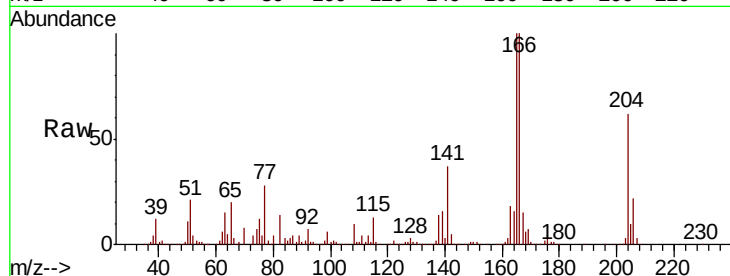




#61
4-Chlorophenyl-phenylether
Concen: 39.917 ng
RT: 15.64 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

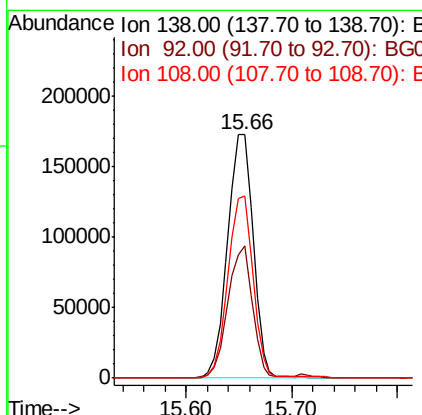
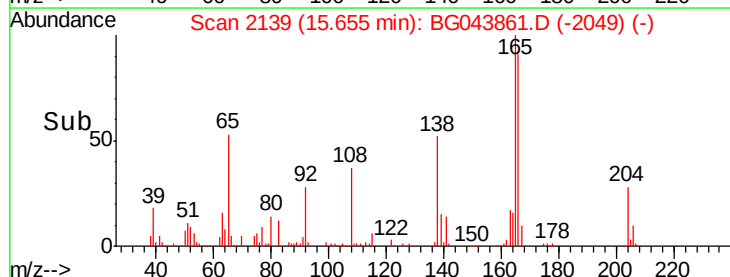
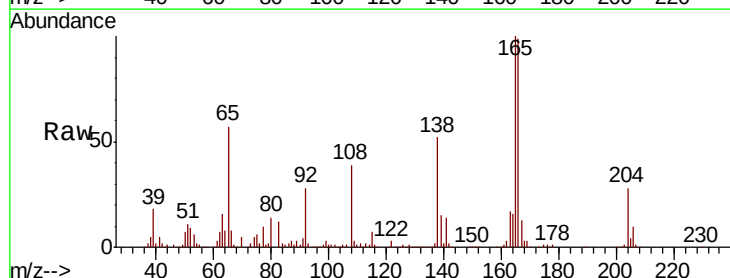
Instrument :
BNA_G
ClientSampled :

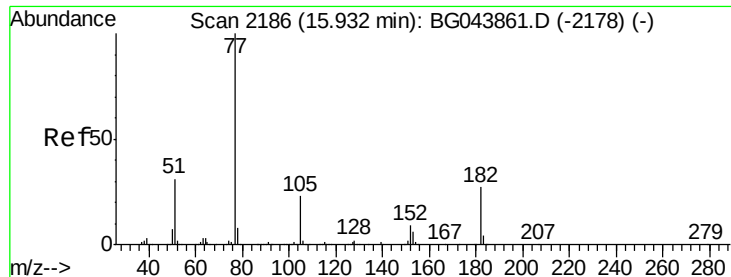
Tot Ion:204 Resp: 547711
Ion Ratio Lower Upper
204 100
206 35.2 28.2 42.2
141 60.2 48.2 72.2



#62
4-Nitroaniline
Concen: 40.996 ng
RT: 15.66 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

Tgt Ion:138 Resp: 291674
Ion Ratio Lower Upper
138 100
92 54.3 34.3 74.3
108 75.0 55.0 95.0





#63

Azobenzene

Concen: 40.784 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1073860

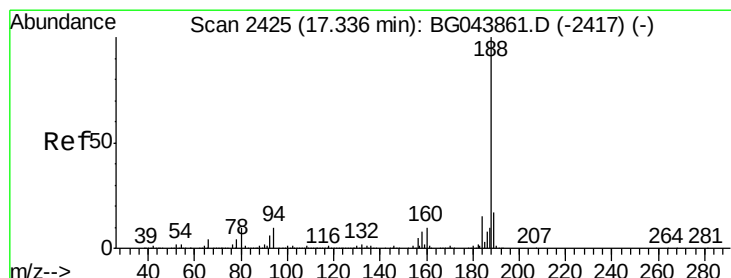
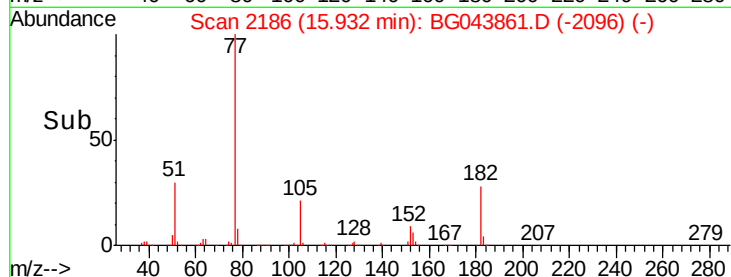
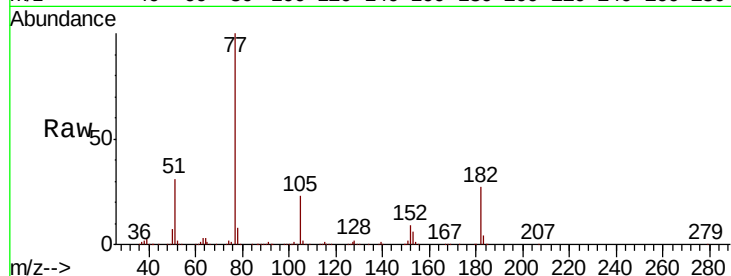
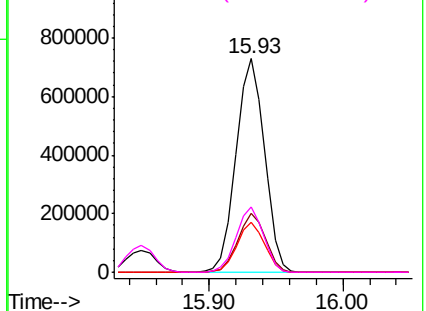
Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.3	47.3
105	23.2	3.2	43.2
51	30.6	10.6	50.6

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: BG043861.D

Acq: 30 Dec 2019 10:46

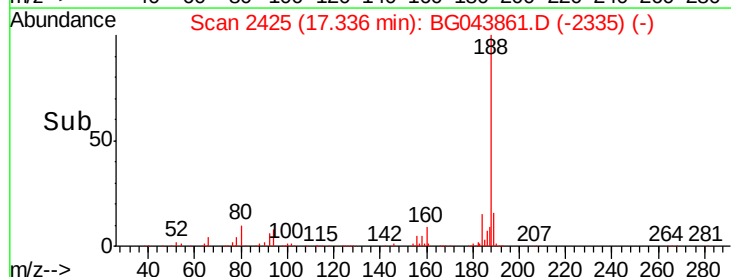
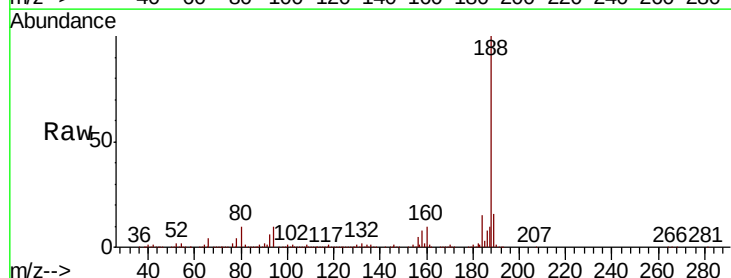
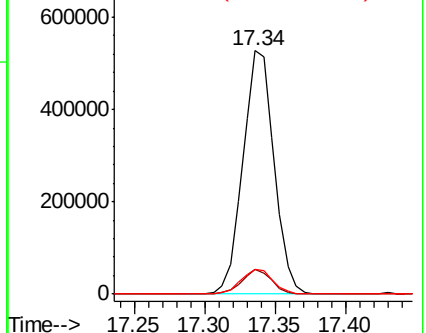
Tgt Ion: 188 Resp: 811676

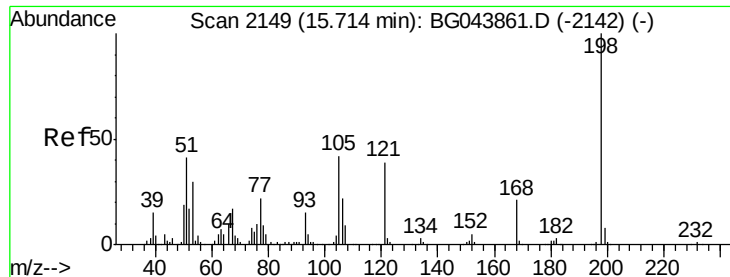
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.9	11.9
80	10.3	8.2	12.4

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

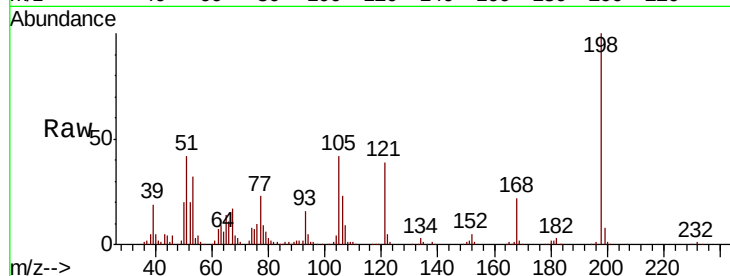




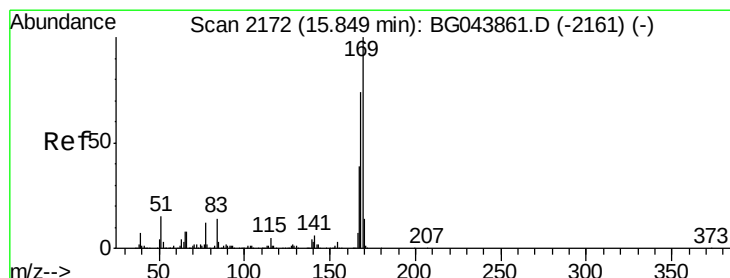
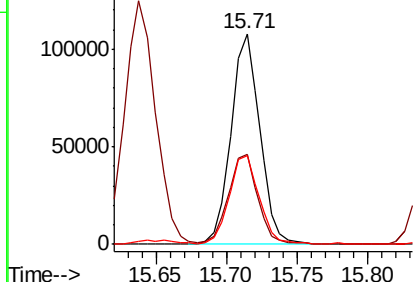
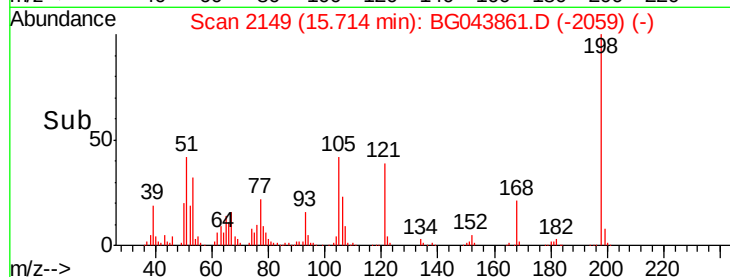
#65
4,6-Dinitro-2-methylphenol
Concen: 39.881 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.5	22.5	62.5
105	42.3	22.3	62.3

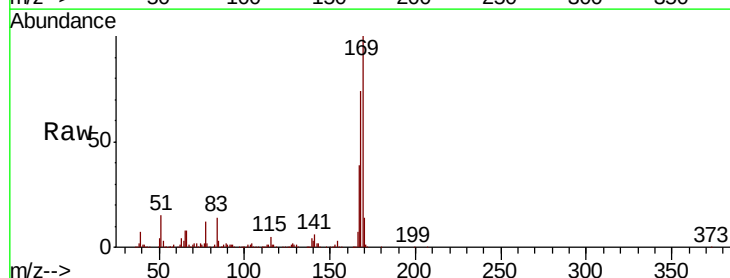


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

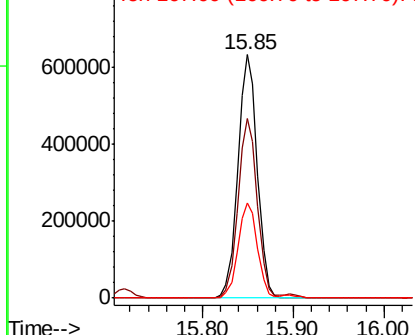
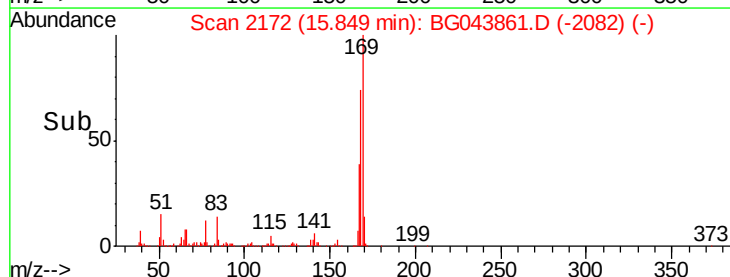


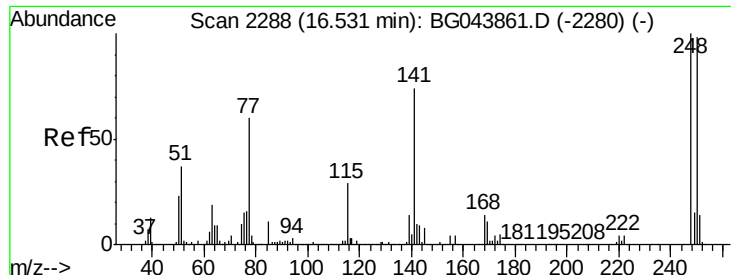
#66
n-Nitrosodiphenylamine
Concen: 39.474 ng
RT: 15.85 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.8	59.0	88.6
167	39.2	31.4	47.0



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

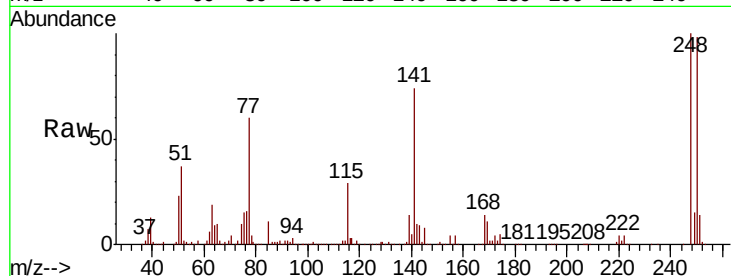




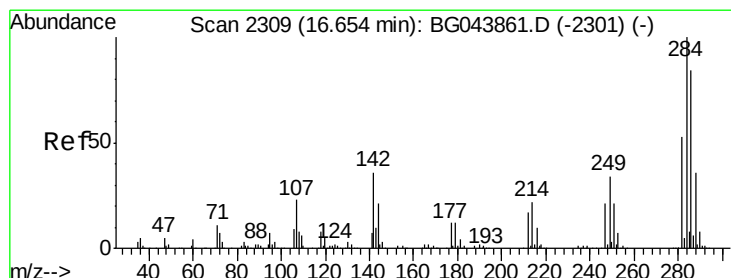
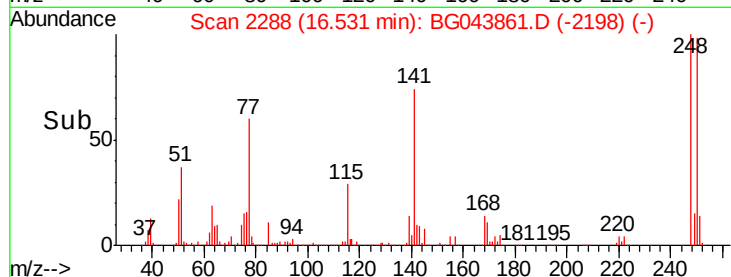
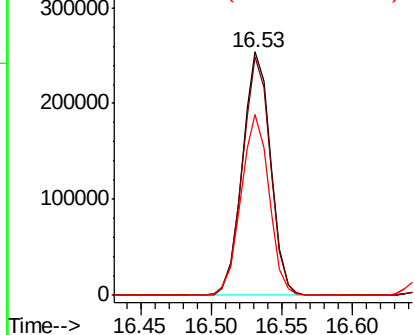
#67
4-Bromophenyl-phenylether
Concen: 39.005 ng
RT: 16.53 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 353286
Ion Ratio Lower Upper
248 100
250 97.7 78.2 117.2
141 74.1 59.3 88.9

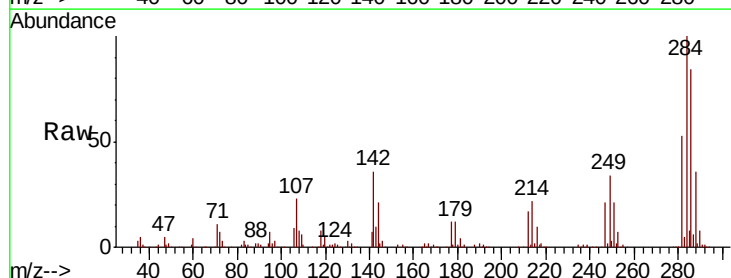


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

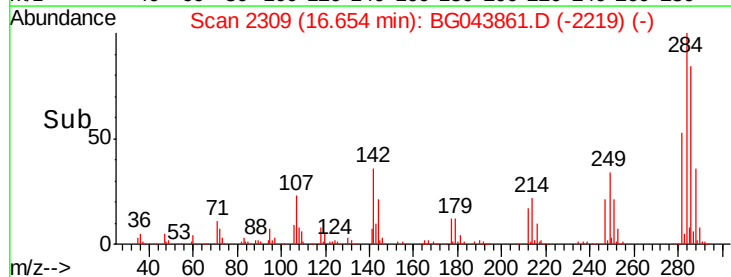
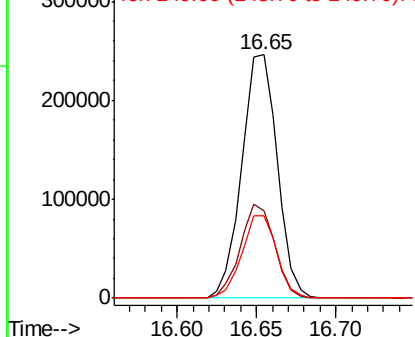


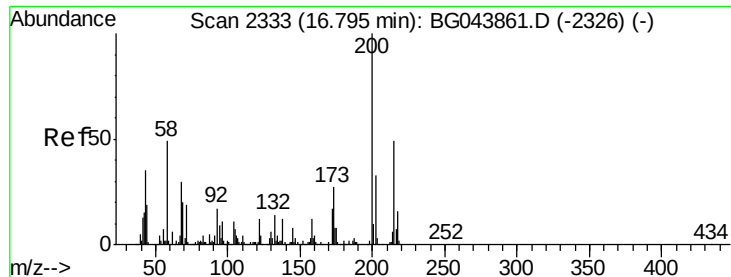
#68
Hexachlorobenzene
Concen: 38.969 ng
RT: 16.65 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

Tgt Ion:284 Resp: 382344
Ion Ratio Lower Upper
284 100
142 35.8 28.6 43.0
249 33.8 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: 41.530 ng

RT: 16.80 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Instrument :

BNA_G

ClientSampleId :

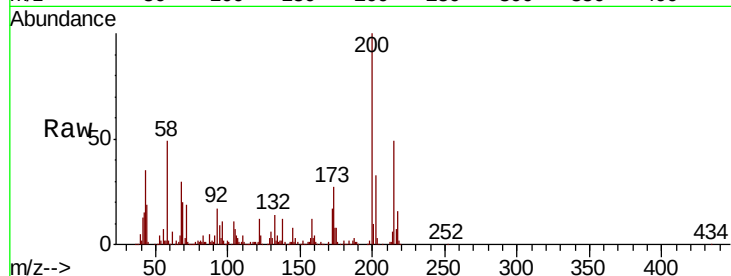
Tot Ion:200 Resp: 325041

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

215 48.6 28.6 68.6

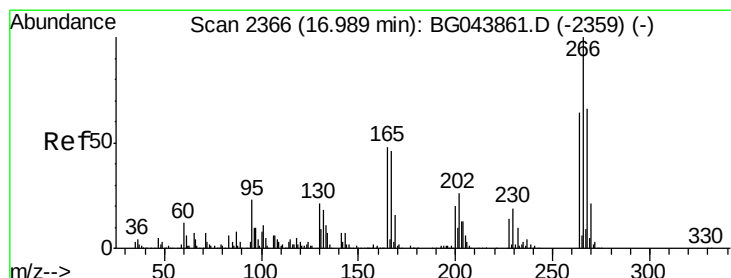
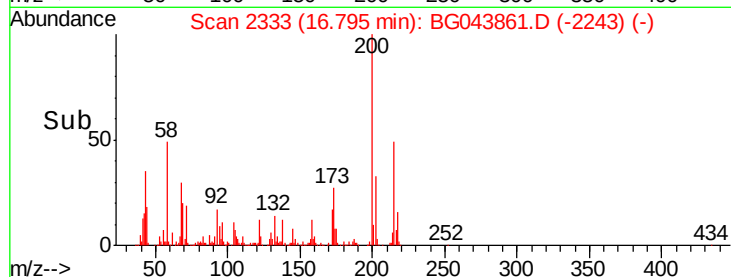
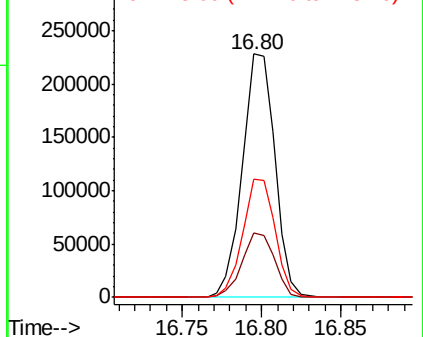


Abundance

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: 41.403 ng

RT: 16.99 min Scan# 2366

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

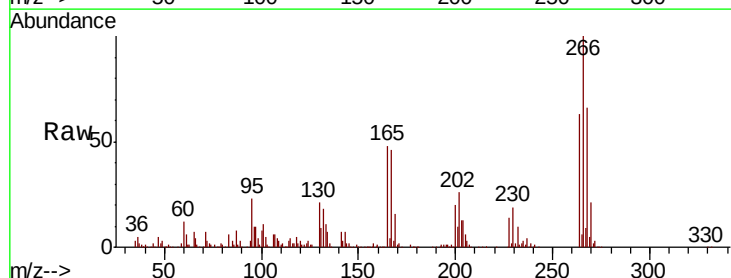
Tgt Ion:266 Resp: 222420

Ion Ratio Lower Upper

266 100

268 65.8 52.6 79.0

264 63.5 50.8 76.2

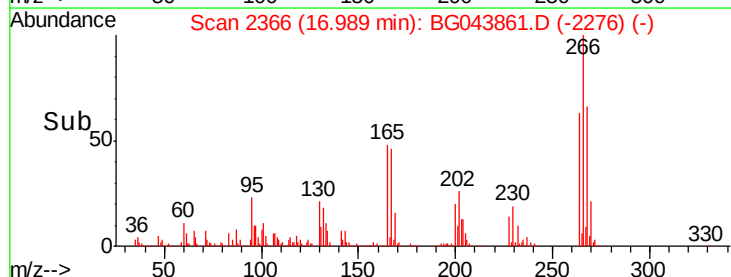
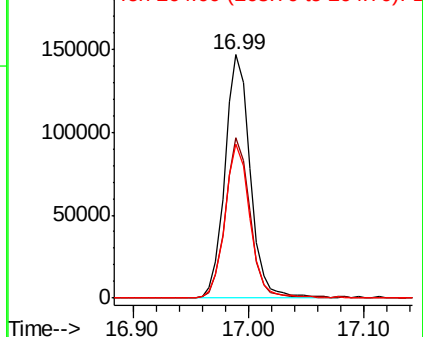


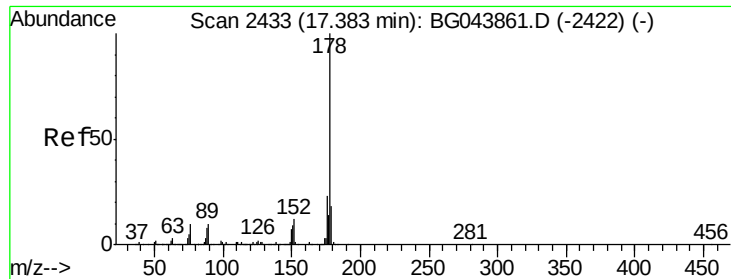
Abundance

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

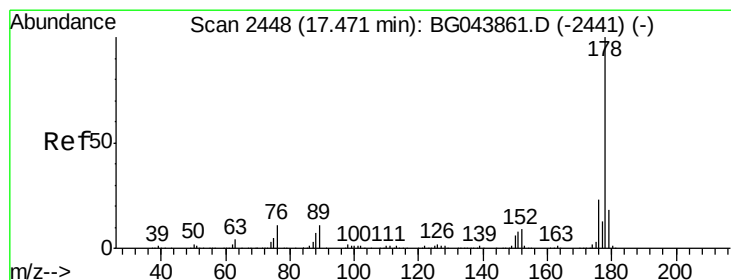
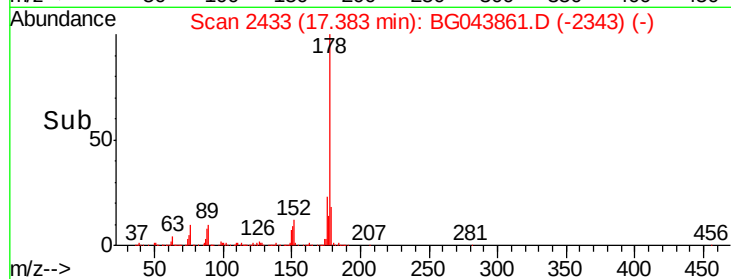
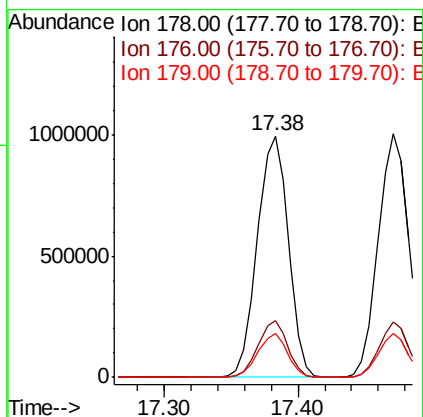
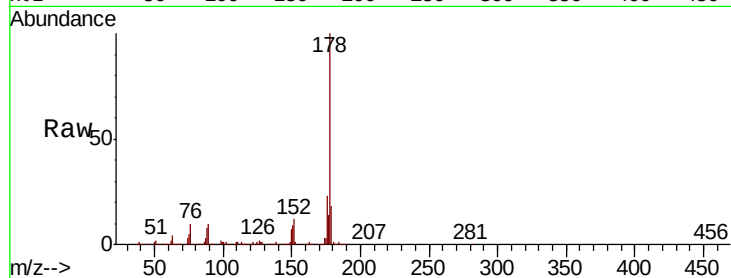




#71
Phenanthrene
Concen: 40.999 ng
RT: 17.38 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

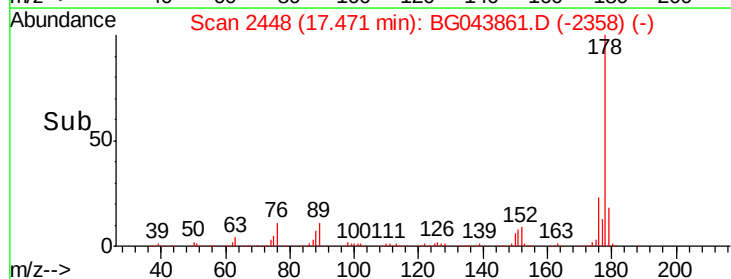
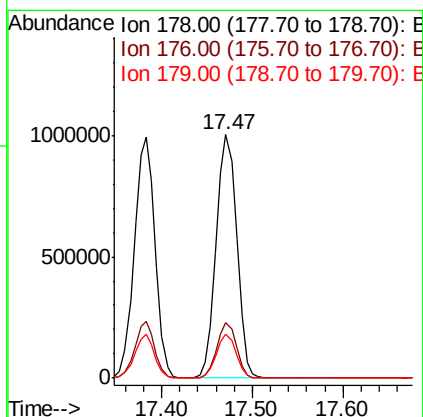
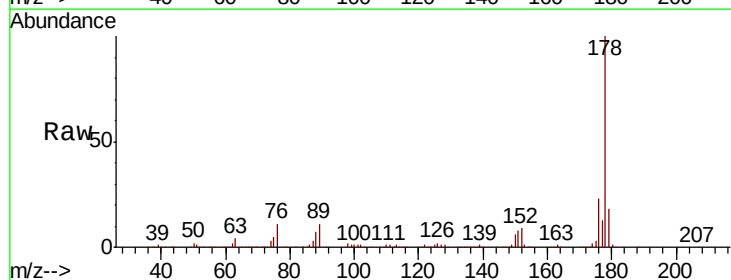
Instrument :
BNA_G
ClientSampled :

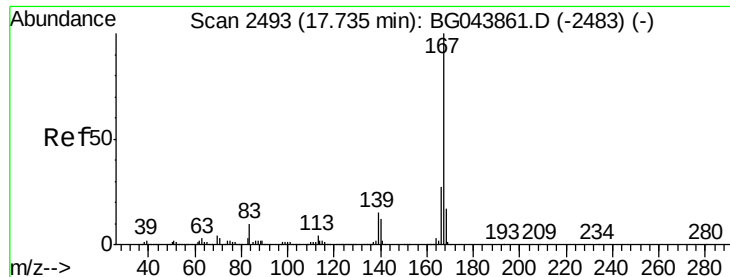
Tot Ion:178 Resp: 1596793
Ion Ratio Lower Upper
178 100
176 23.3 18.6 28.0
179 18.0 14.4 21.6



#72
Anthracene
Concen: 40.983 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG043861.D
Acq: 30 Dec 2019 10:46

Tgt Ion:178 Resp: 1580235
Ion Ratio Lower Upper
178 100
176 22.9 18.3 27.5
179 18.3 14.6 22.0



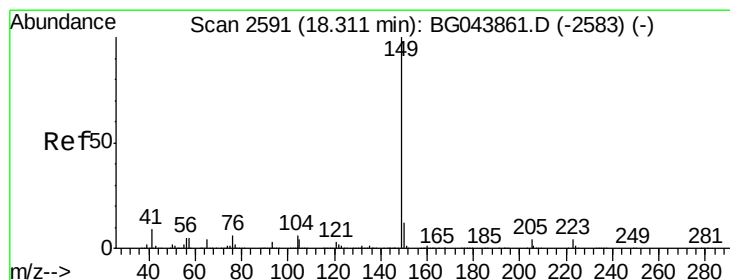
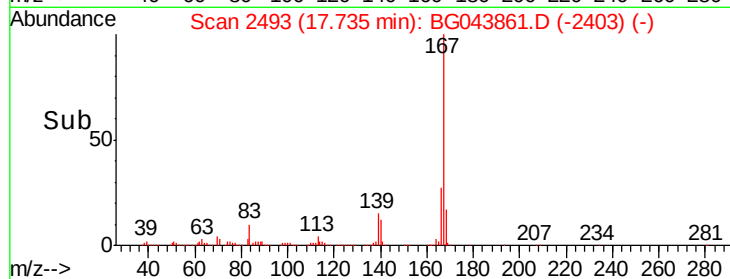
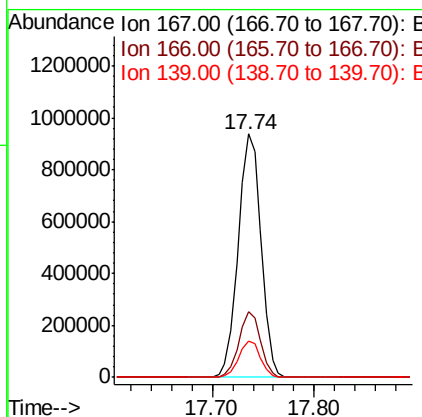
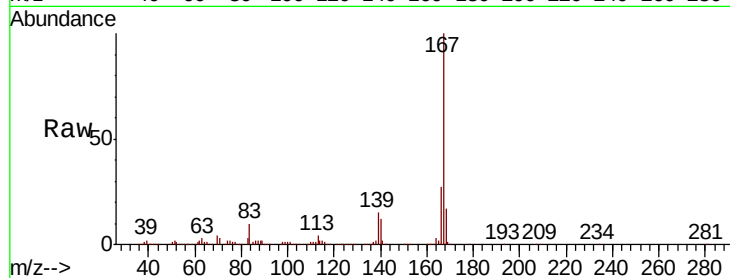


#73
 Carbazole
 Concen: 41.511 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG043861.D
 Acq: 30 Dec 2019 10:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1463859

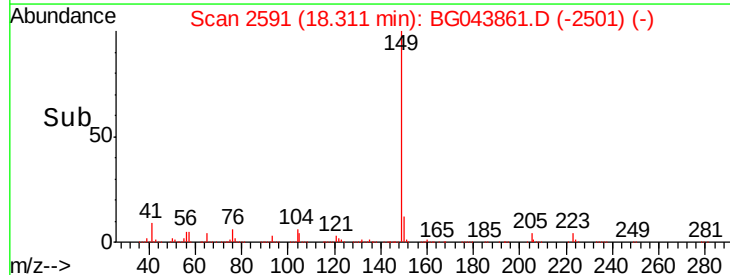
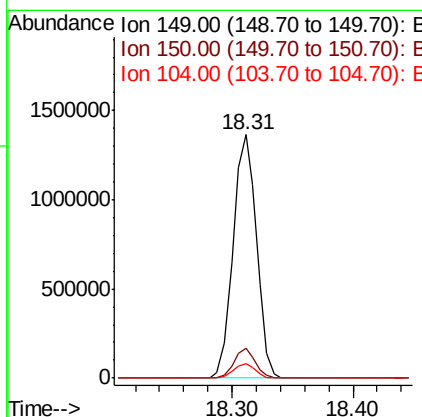
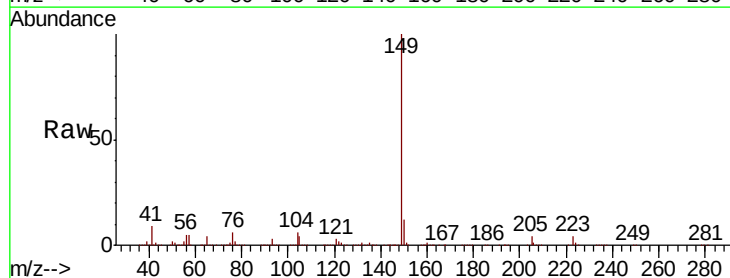
Ion	Ratio	Lower	Upper
167	100		
166	27.0	21.6	32.4
139	15.1	12.1	18.1

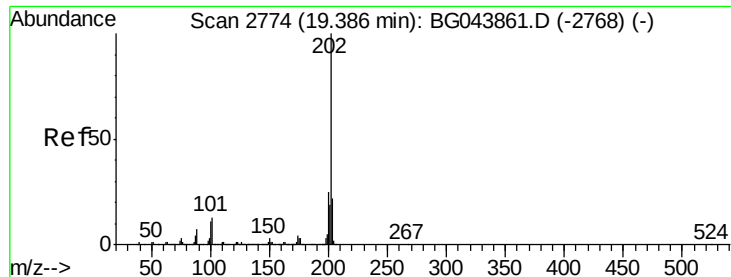


#74
 Di-n-butylphthalate
 Concen: 43.297 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG043861.D
 Acq: 30 Dec 2019 10:46

Tgt Ion:149 Resp: 1836240

Ion	Ratio	Lower	Upper
149	100		
150	12.1	9.7	14.5
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 42.363 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

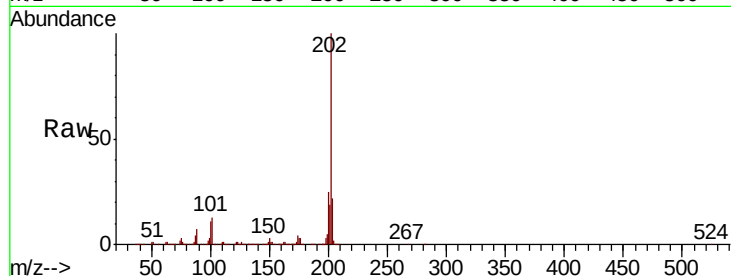
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1779270

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.3
203	21.6	1.6	41.6

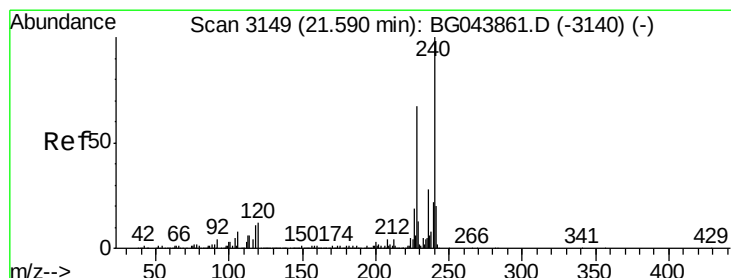
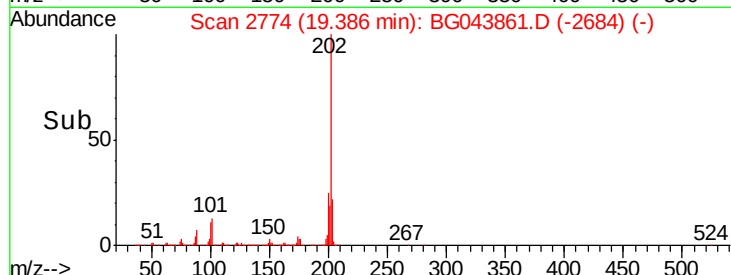
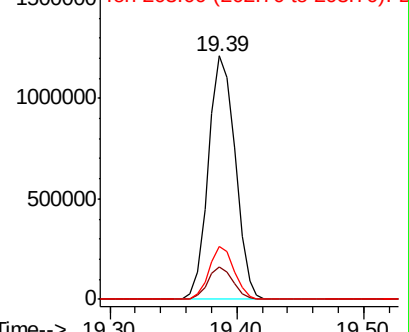


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3149

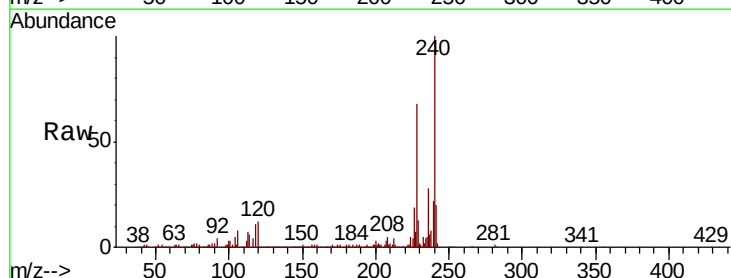
Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Tgt Ion:240 Resp: 693865

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.6	14.4
236	27.7	22.2	33.2

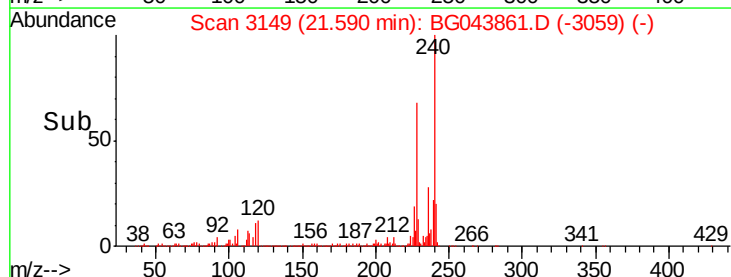
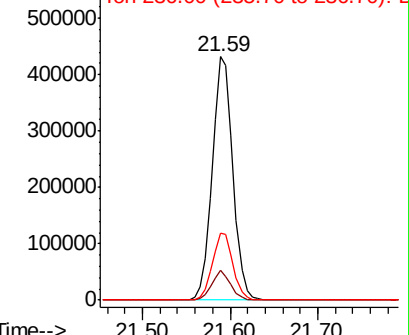


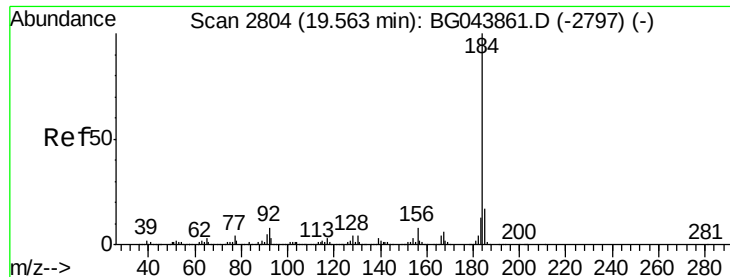
Abundance

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: 42.266 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Instrument :

BNA_G

ClientSampleId :

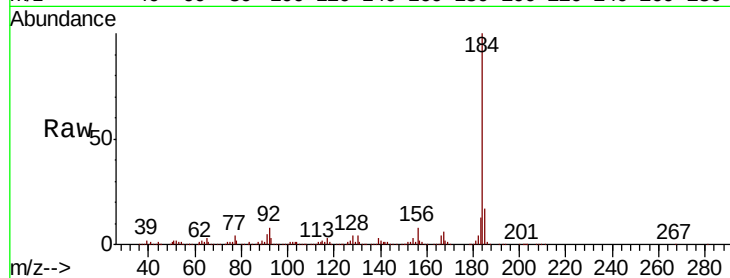
Tot Ion:184 Resp: 782771

Ion	Ratio	Lower	Upper
184	100		
185	16.7	13.4	20.0
183	13.2	10.6	15.8

184 100

185 16.7 13.4 20.0

183 13.2 10.6 15.8

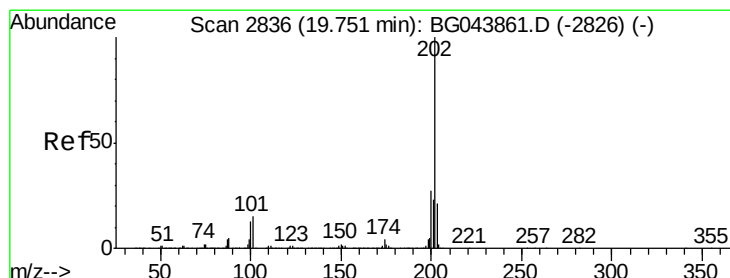
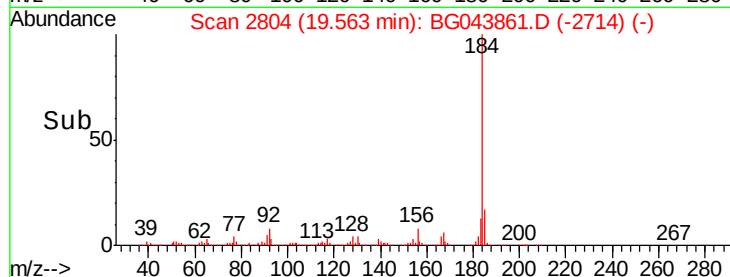
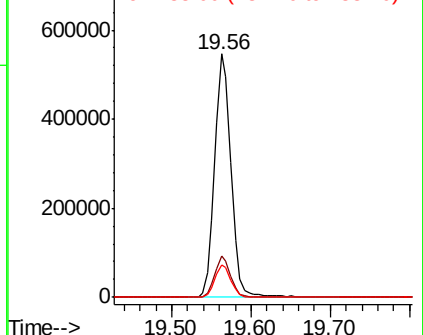


Abundance

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: 40.977 ng

RT: 19.75 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

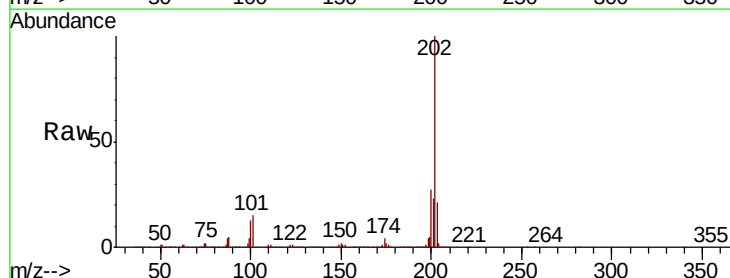
Tgt Ion:202 Resp: 1786916

Ion	Ratio	Lower	Upper
202	100		
200	27.1	21.7	32.5
203	21.3	17.0	25.6

202 100

200 27.1 21.7 32.5

203 21.3 17.0 25.6

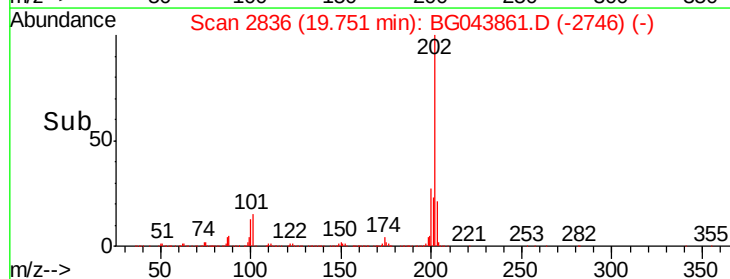
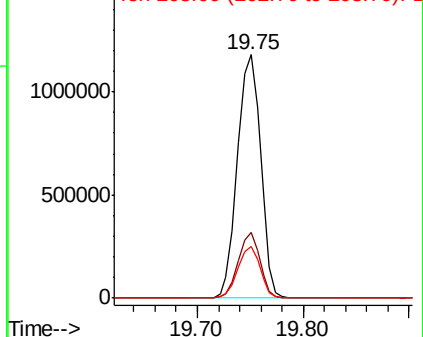


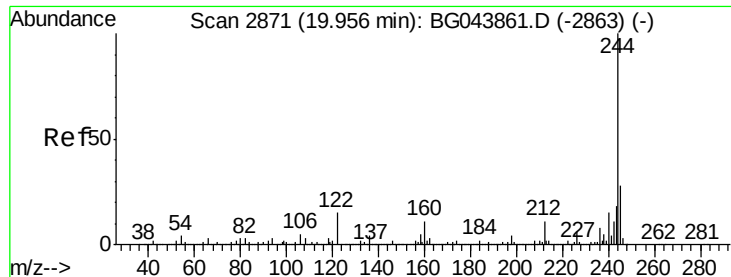
Abundance

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: 75.162 ng

RT: 19.96 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Instrument :

BNA_G

ClientSampled :

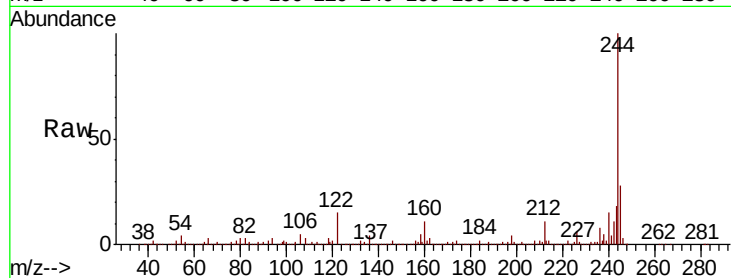
Tot Ion:244 Resp: 2345259

Ion Ratio Lower Upper

244 100

212 10.8 8.6 13.0

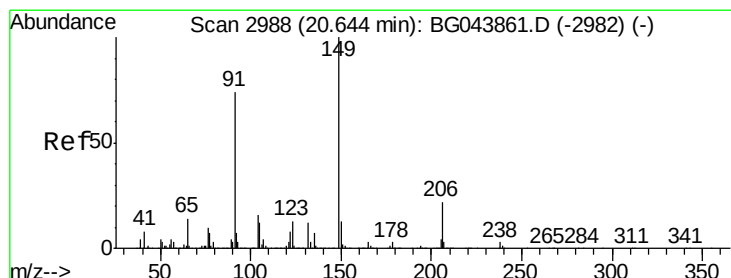
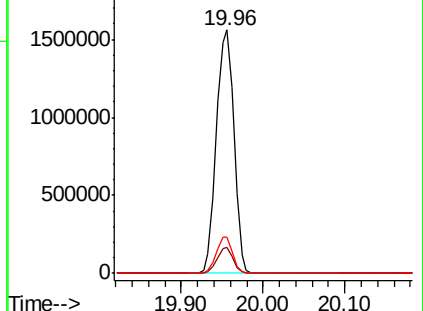
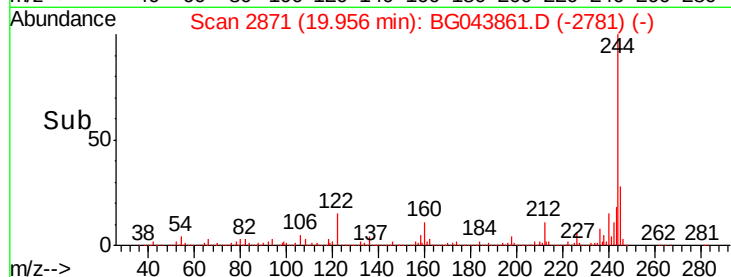
122 14.9 11.9 17.9



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: 40.938 ng

RT: 20.64 min Scan# 2988

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

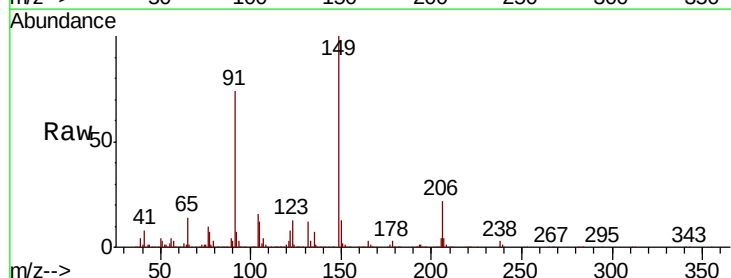
Tgt Ion:149 Resp: 871055

Ion Ratio Lower Upper

149 100

91 74.4 59.5 89.3

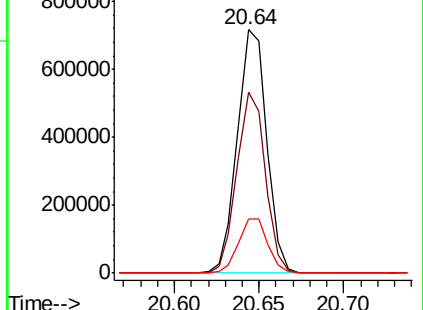
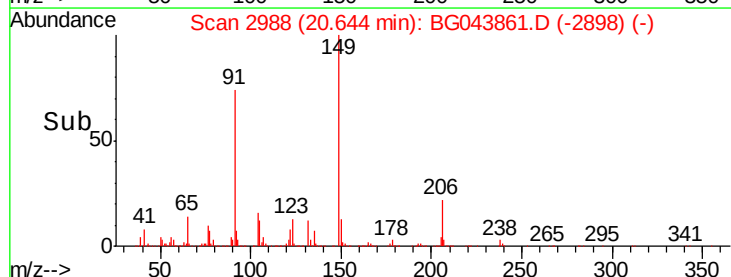
206 22.2 17.8 26.6

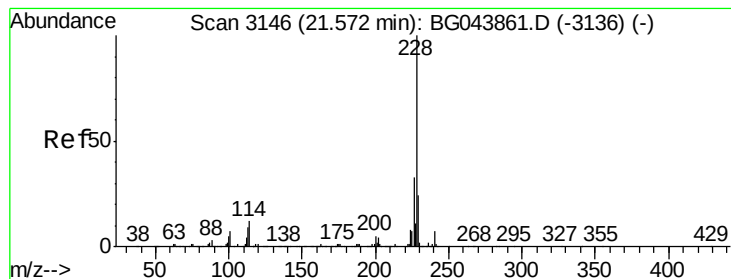


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.583 ng

RT: 21.57 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

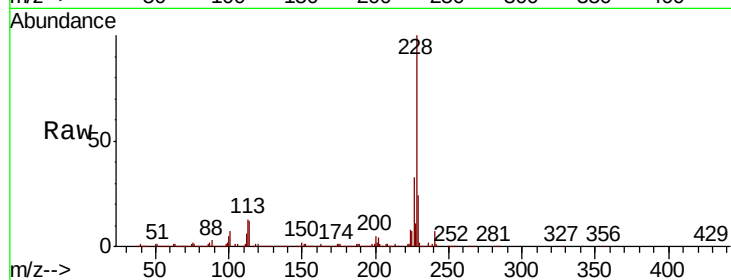
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1745298

Ion	Ratio	Lower	Upper
228	100		
226	32.8	26.2	39.4
229	23.6	18.9	28.3

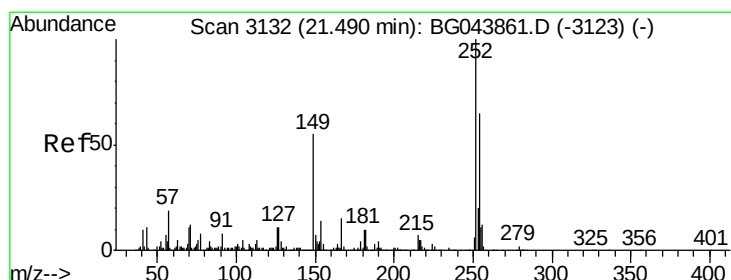
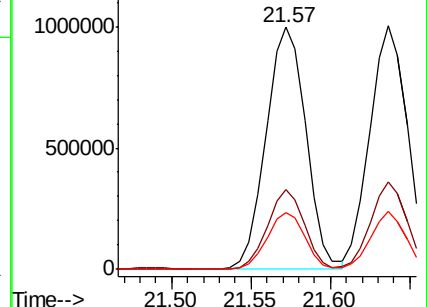
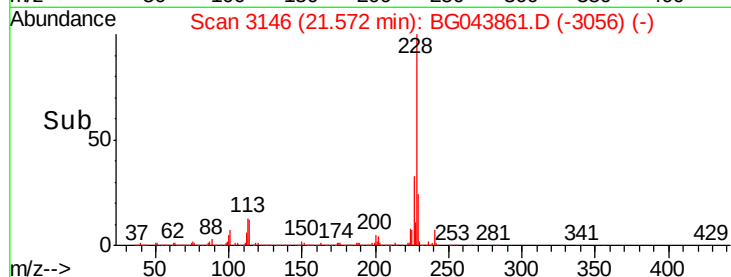


Abundance

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: 40.704 ng

RT: 21.49 min Scan# 3132

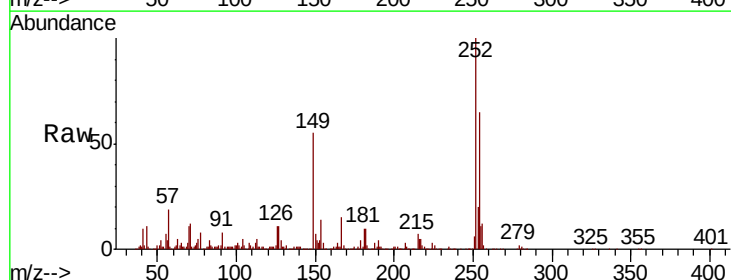
Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Tgt Ion:252 Resp: 694599

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	11.4	9.1	13.7

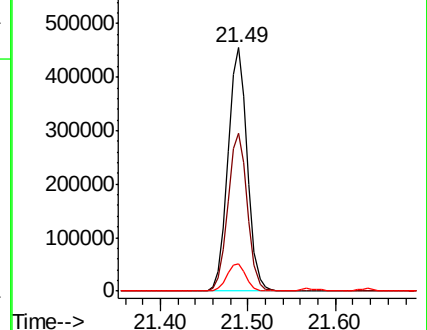
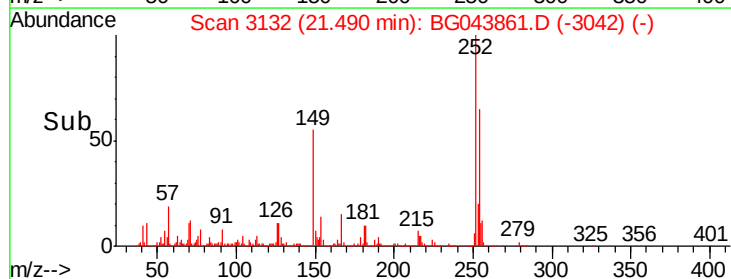


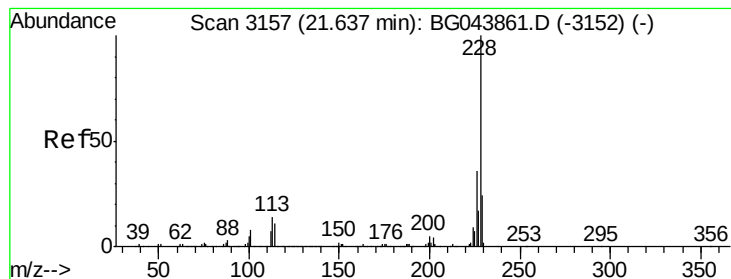
Abundance

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: 40.563 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

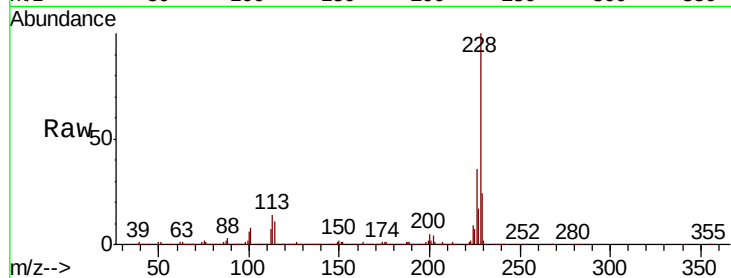
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1659288

Ion	Ratio	Lower	Upper
228	100		
226	36.0	28.8	43.2
229	23.8	19.0	28.6

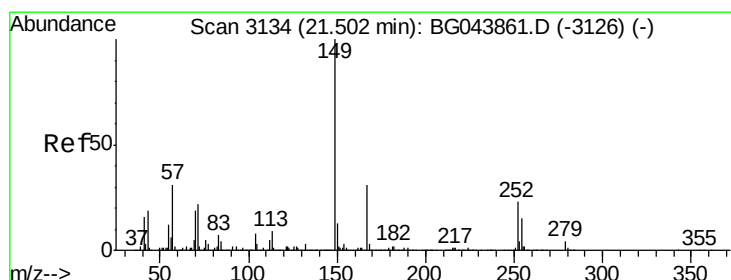
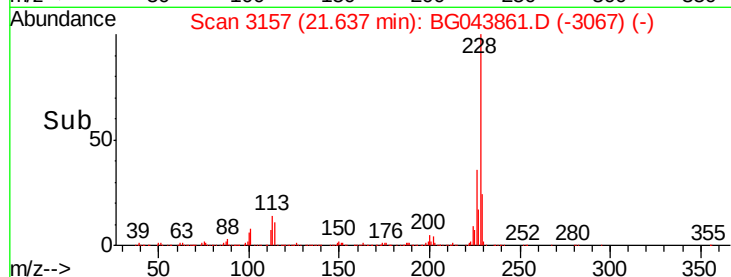
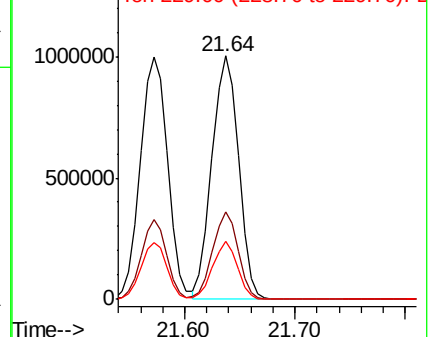


Abundance

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: 40.838 ng

RT: 21.50 min Scan# 3134

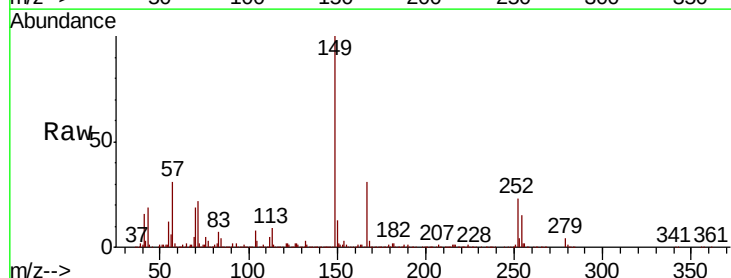
Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Tgt Ion:149 Resp: 1206123

Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.7	37.1
279	4.1	3.3	4.9

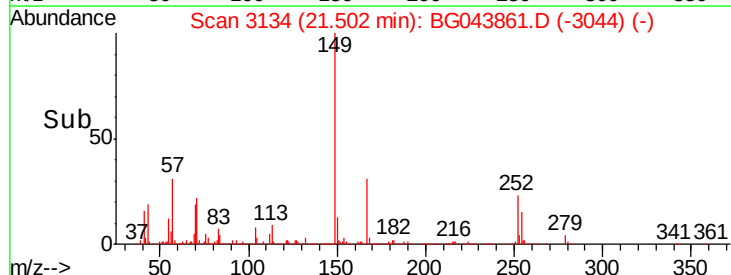
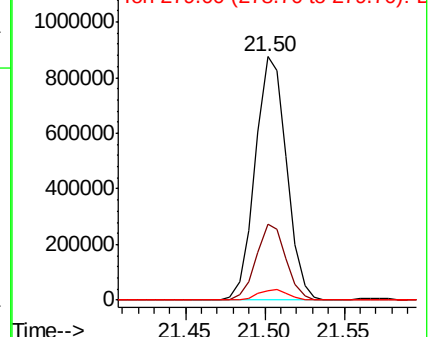


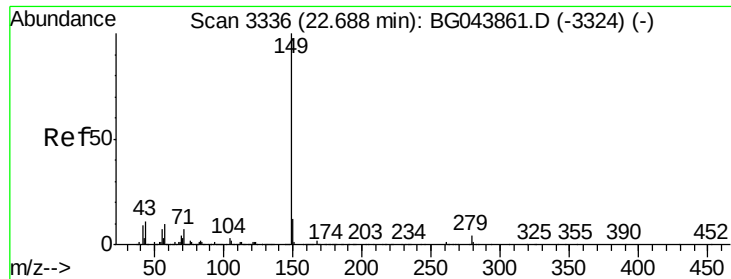
Abundance

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: 41.380 ng

RT: 22.69 min Scan# 3336

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Instrument :

BNA_G

ClientSampleId :

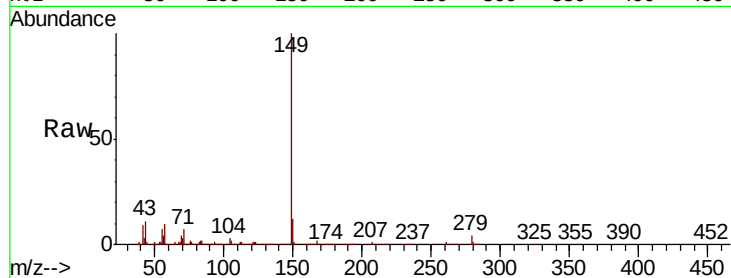
Tot Ion:149 Resp: 2055560

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

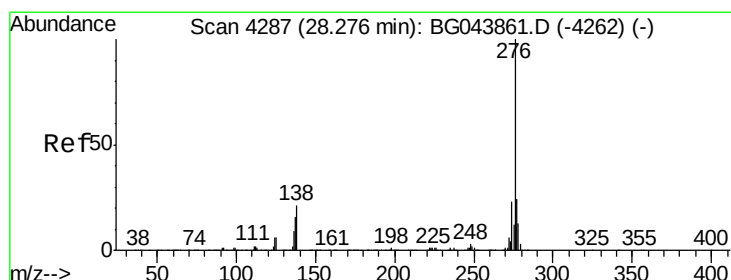
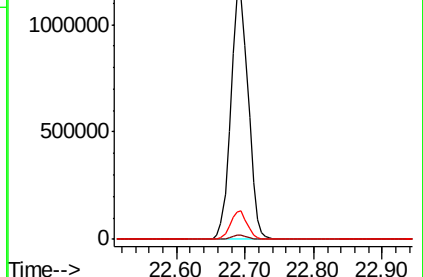
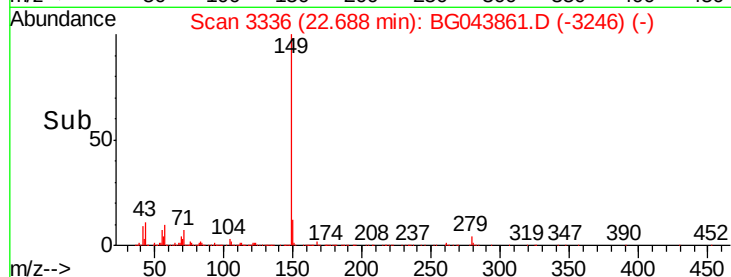
43 11.0 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.285 ng

RT: 28.28 min Scan# 4287

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

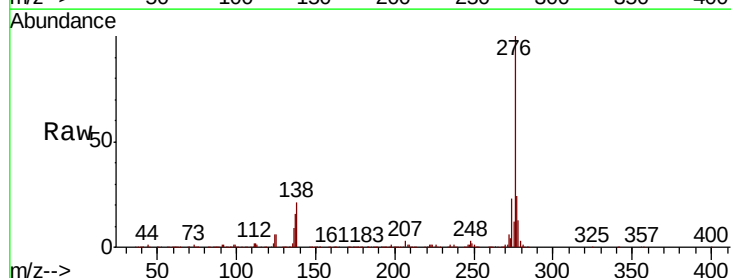
Tgt Ion:276 Resp: 2189907

Ion Ratio Lower Upper

276 100

138 26.2 21.0 31.4

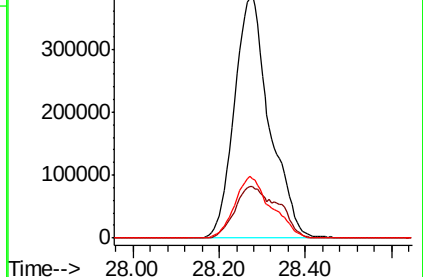
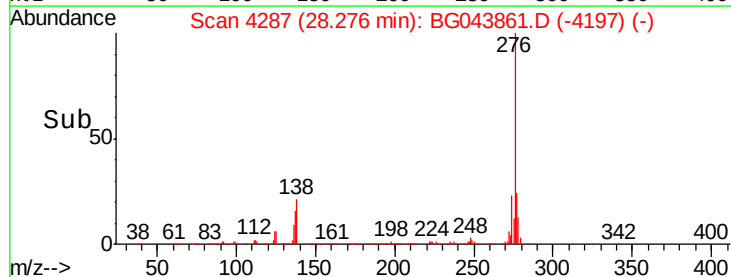
277 26.4 21.1 31.7

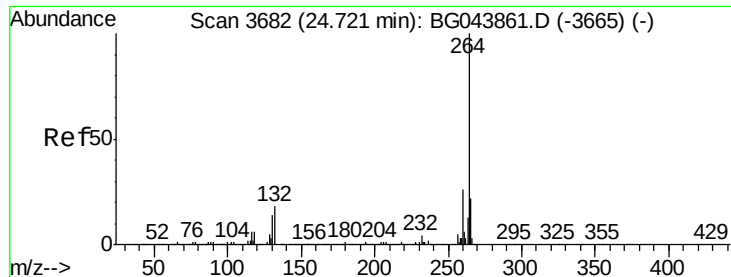


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.72 min Scan# 3682

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Instrument :

BNA_G

ClientSampleId :

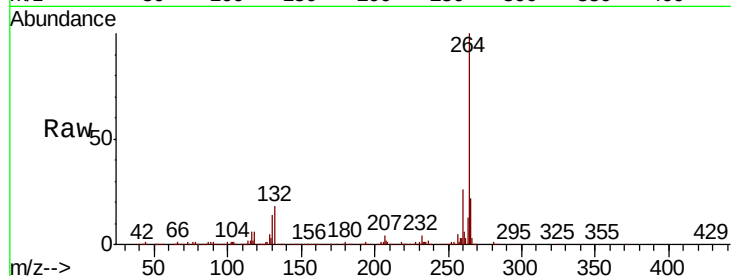
Tot Ion:264 Resp: 792514

Ion Ratio Lower Upper

264 100

260 25.5 20.4 30.6

265 21.8 17.4 26.2

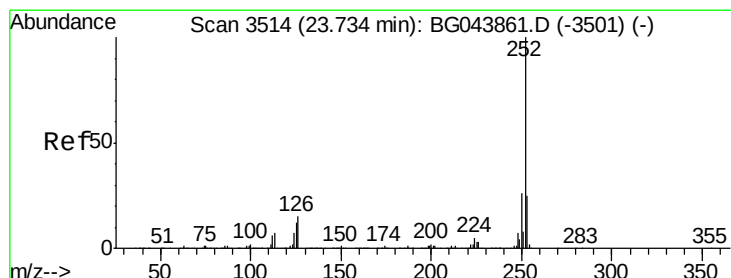
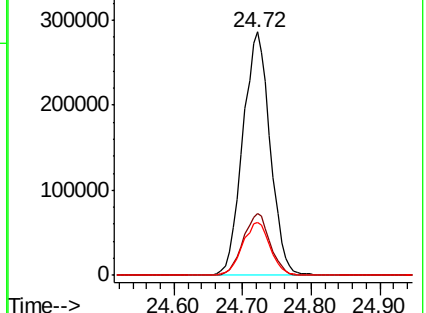
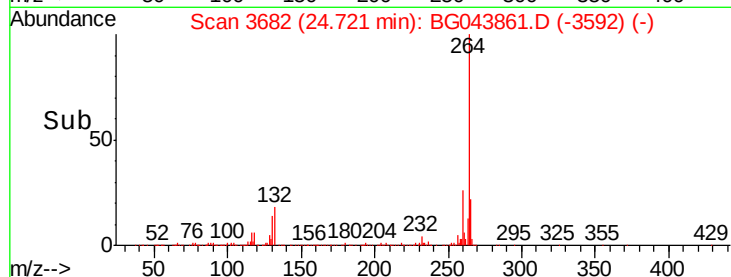


Abundance

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: 39.831 ng

RT: 23.73 min Scan# 3514

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

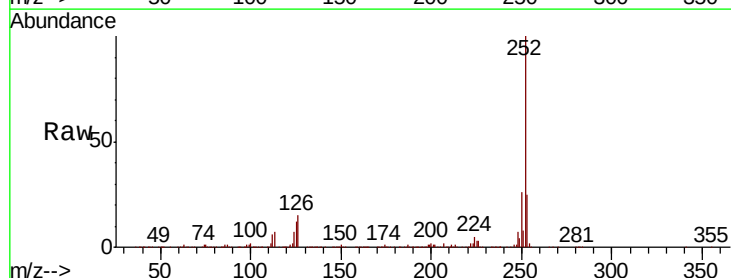
Tgt Ion:252 Resp: 1853242

Ion Ratio Lower Upper

252 100

253 24.6 19.7 29.5

125 11.8 9.4 14.2

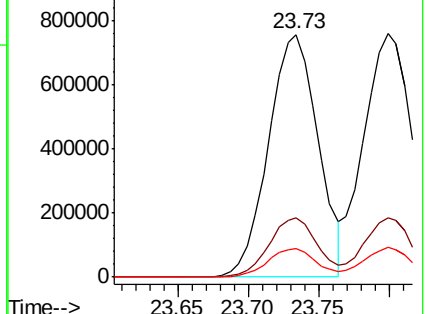
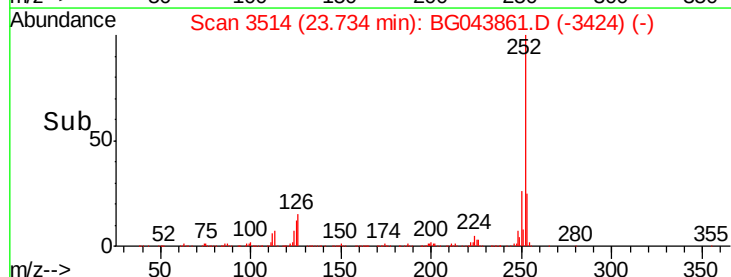


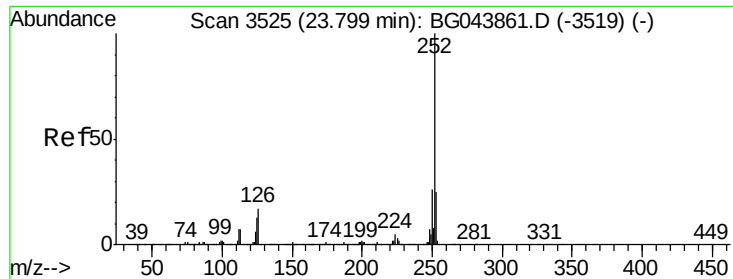
Abundance

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: 40.767 ng

RT: 23.80 min Scan# 3525

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

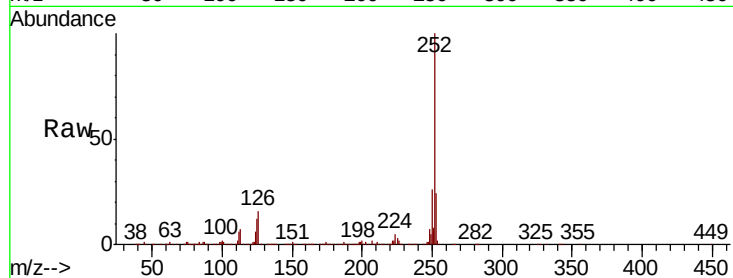
Instrument :

BNA_G

ClientSampled :

Tot Ion:252 Resp: 1819417

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.4	29.2
125	12.4	9.9	14.9

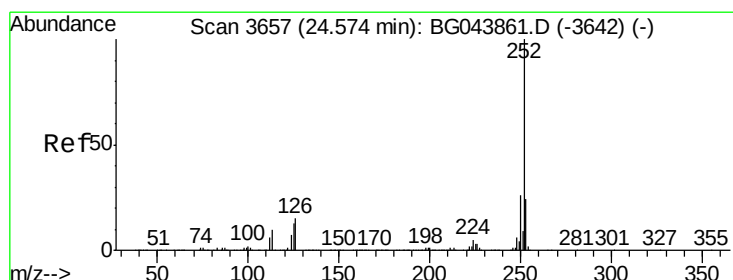
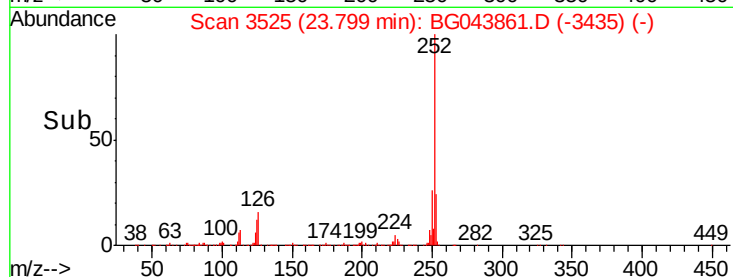
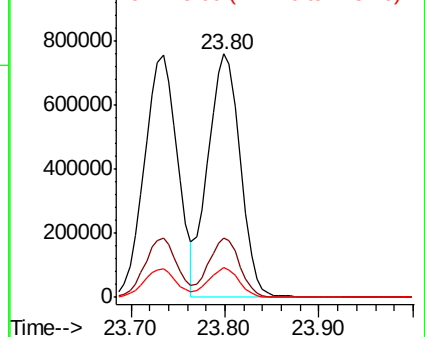


Abundance

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: 40.379 ng

RT: 24.57 min Scan# 3657

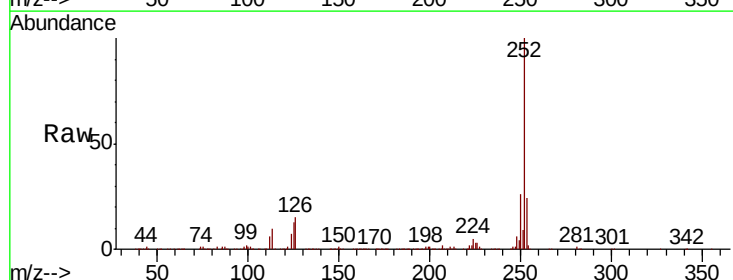
Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Tgt Ion:252 Resp: 1777705

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.3	28.9
125	13.0	10.4	15.6

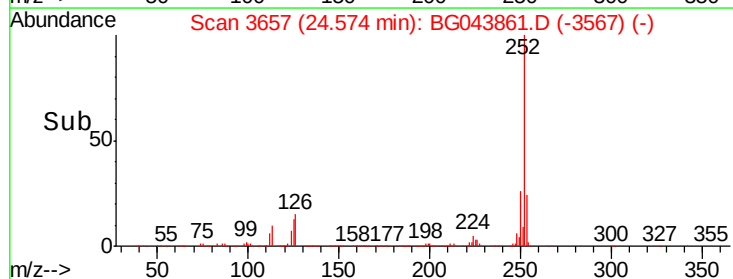
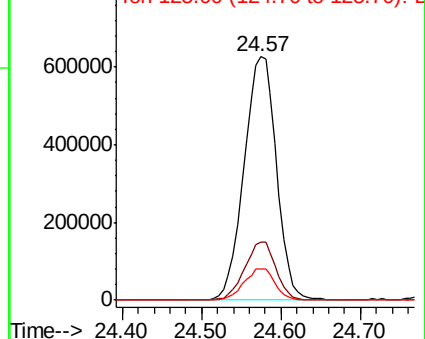


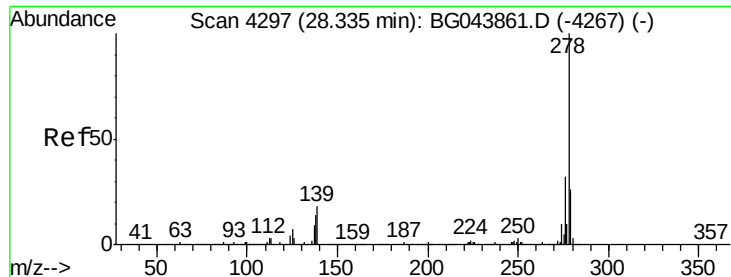
Abundance

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: 39.539 ng

RT: 28.33 min Scan# 4297

Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

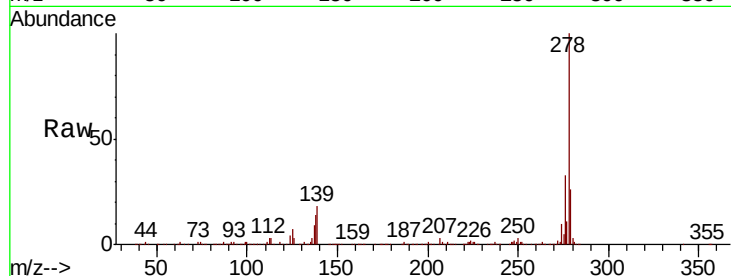
Instrument :

BNA_G

ClientSampled :

Tot Ion:278 Resp: 1760879

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.2	21.4
279	25.7	20.6	30.8

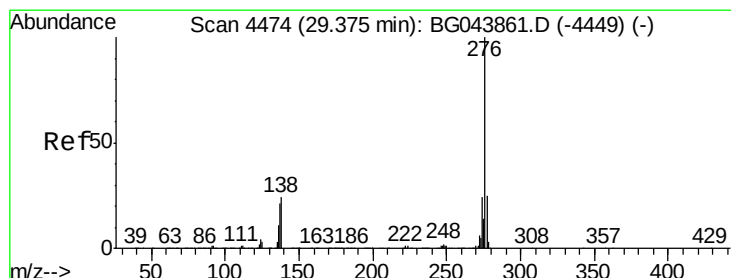
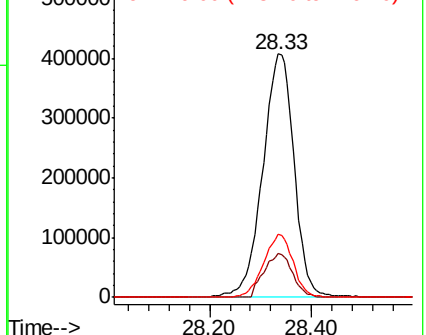
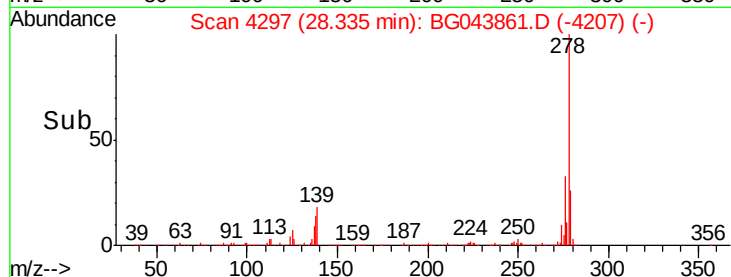


Abundance

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: 39.714 ng

RT: 29.37 min Scan# 4474

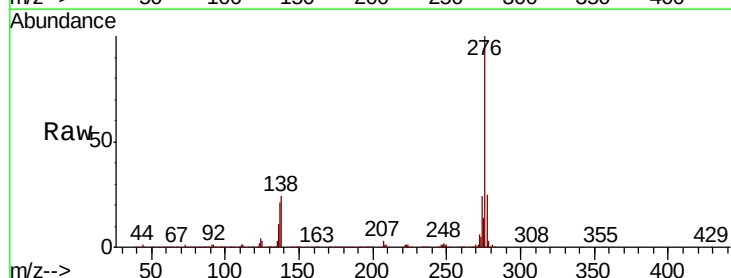
Delta R.T. 0.00 min

Lab File: BG043861.D

Acq: 30 Dec 2019 10:46

Tgt Ion:276 Resp: 1748014

Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.2	30.4
138	23.8	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

