

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\
 Data File : BG043862.D
 Acq On : 30 Dec 2019 11:25
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 30 12:03:53 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	145785	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	618092	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	395310	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	773816	20.00	ng	0.00
76) Chrysene-d12	21.59	240	643127	20.00	ng	0.00
87) Perylene-d12	24.72	264	742364	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	863953	108.11	ng	0.00
7) Phenol-d6	7.13	99	1210737	107.33	ng	0.00
23) Nitrobenzene-d5	9.12	82	1207231	108.59	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	450483	108.16	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2347918	106.06	ng	0.00
79) Terphenyl-d14	19.96	244	2701158	93.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	180894	52.538	ng	100
3) Pyridine	3.83	79	571024	55.504	ng	97
4) n-Nitrosodimethylamine	3.75	42	244941	53.781	ng	98
6) Aniline	7.29	93	801583	54.048	ng	98
8) 2-Chlorophenol	7.53	128	506486	54.110	ng	99
9) Benzaldehyde	7.09	77	349184	47.237	ng	95
10) Phenol	7.15	94	626364	53.875	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	539094	53.665	ng	97
12) 1,3-Dichlorobenzene	7.85	146	589091	53.885	ng	97
13) 1,4-Dichlorobenzene	8.00	146	580756	53.313	ng	98
14) 1,2-Dichlorobenzene	8.32	146	560565	53.670	ng	98
15) Benzyl Alcohol	8.20	79	485184	54.643	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	833981	53.482	ng	99
17) 2-Methylphenol	8.40	107	455569	54.075	ng	98
18) Hexachloroethane	9.05	117	226164	53.971	ng	97
19) n-Nitroso-di-n-propylamine	8.78	70	455253	54.039	ng	99
20) 3+4-Methylphenols	8.73	107	638448	54.704	ng	96
22) Acetophenone	8.79	105	826257	53.405	ng	99
24) Nitrobenzene	9.16	77	613051	53.857	ng	100
25) Isophorone	9.69	82	1172448	53.879	ng	98
26) 2-Nitrophenol	9.87	139	304231	57.617	ng	98
27) 2,4-Dimethylphenol	9.94	122	444568	54.689	ng	100
28) bis(2-Chloroethoxy)methane	10.17	93	783254	54.098	ng	98
29) 2,4-Dichlorophenol	10.41	162	532146	54.890	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	583953	53.967	ng	97
31) Naphthalene	10.82	128	1617036	54.003	ng	98
32) Benzoic acid	10.09	122	374909	59.310	ng	95
33) 4-Chloroaniline	10.92	127	772806	53.817	ng	99
34) Hexachlorobutadiene	11.11	225	359743	54.931	ng	99
35) Caprolactam	11.70	113	194974	53.838	ng	97
36) 4-Chloro-3-methylphenol	12.04	107	562616	53.880	ng	98
37) 2-Methylnaphthalene	12.42	142	1206529	53.387	ng	98
38) 1-Methylnaphthalene	12.64	142	1154104	53.799	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	626279	54.505	ng	100

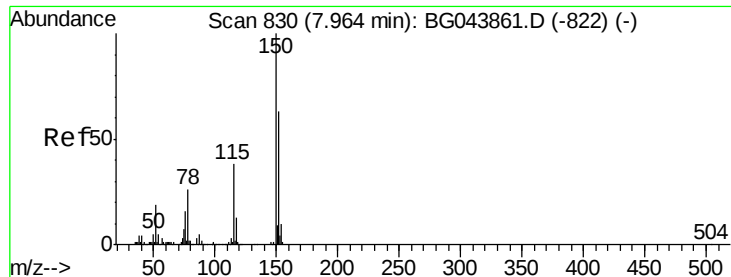
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	334635	54.542	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	439523	55.265	ng	98
44) 2,4,5-Trichlorophenol	13.10	196	447682	54.949	ng	99
46) 1,1'-Biphenyl	13.43	154	1531536	53.966	ng	97
47) 2-Chloronaphthalene	13.47	162	1233163	53.893	ng	99
48) 2-Nitroaniline	13.66	65	398892	54.428	ng	97
49) Acenaphthylene	14.32	152	1762925	53.145	ng	98
50) Dimethylphthalate	14.05	163	1503232	53.219	ng	99
51) 2,6-Dinitrotoluene	14.16	165	343946	53.873	ng	99
52) Acenaphthene	14.66	154	1259148	54.332	ng	98
53) 3-Nitroaniline	14.49	138	392803	54.413	ng	100
54) 2,4-Dinitrophenol	14.69	184	162574	57.513	ng	91
55) Dibenzofuran	15.00	168	1696134	52.972	ng	97
56) 4-Nitrophenol	14.80	139	302158	54.581	ng	99
57) 2,4-Dinitrotoluene	14.95	165	465434	54.089	ng	97
58) Fluorene	15.64	166	1341640	52.834	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	382694	53.784	ng	99
60) Diethylphthalate	15.42	149	1496260	53.057	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	731300	53.557	ng	99
62) 4-Nitroaniline	15.66	138	373352	52.731	ng	98
63) Azobenzene	15.93	77	1390200	53.056	ng	97
65) 4,6-Dinitro-2-methylphenol	15.71	198	213687	58.180	ng	99
66) n-Nitrosodiphenylamine	15.85	169	1236430	54.341	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	472509	54.720	ng	99
68) Hexachlorobenzene	16.65	284	505196	54.009	ng	98
69) Atrazine	16.80	200	396467	53.134	ng	100
70) Pentachlorophenol	16.99	266	291328	56.883	ng	100
71) Phenanthrene	17.38	178	1963970	52.894	ng	96
72) Anthracene	17.47	178	1949915	53.045	ng	97
73) Carbazole	17.74	167	1789937	53.241	ng	98
74) Di-n-butylphthalate	18.31	149	2166714	53.589	ng	98
75) Fluoranthene	19.39	202	2127504	53.132	ng	98
77) Benzidine	19.56	184	955165	55.643	ng	96
78) Pyrene	19.75	202	2116430	52.363	ng	95
80) Butylbenzylphthalate	20.64	149	1087228	55.129	ng	99
81) Benzo(a)anthracene	21.57	228	2138681	53.654	ng	98
82) 3,3'-Dichlorobenzidine	21.49	252	864133	54.634	ng	98
83) Chrysene	21.64	228	2021833	53.325	ng	97
84) Bis(2-ethylhexyl)phthalate	21.50	149	1491568	54.487	ng	99
85) Di-n-octyl phthalate	22.69	149	2533044	55.016	ng	99
86) Indeno(1,2,3-cd)pyrene	28.28	276	2785336	53.909	ng	# 93
88) Benzo(b)fluoranthene	23.73	252	2361004	54.172	ng	100
89) Benzo(k)fluoranthene	23.80	252	2229315	53.326	ng	98
90) Benzo(a)pyrene	24.58	252	2240988	54.341	ng	99
91) Dibenzo(a,h)anthracene	28.35	278	2243250	53.774	ng	99
92) Benzo(g,h,i)perylene	29.38	276	2216632	53.762	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampleId :

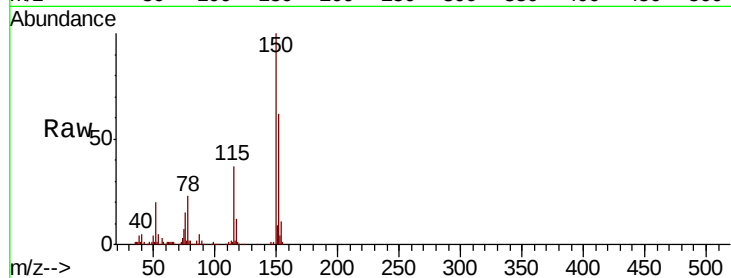
Tot Ion:152 Resp: 145785

Ion Ratio Lower Upper

152 100

150 161.1 127.0 190.4

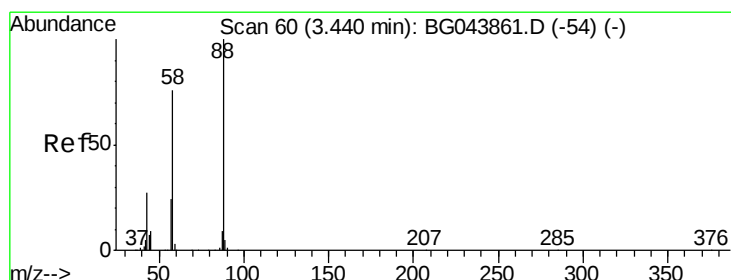
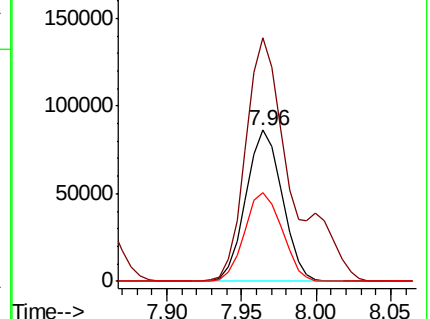
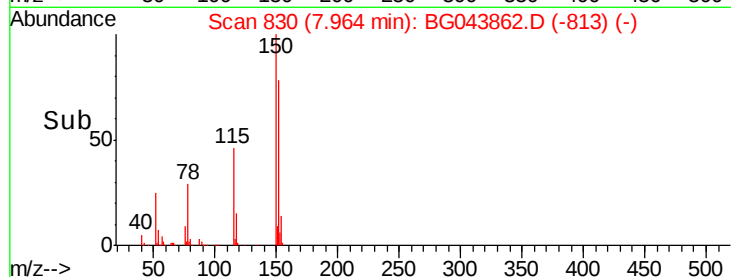
115 59.0 47.8 71.8



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: 52.538 ng

RT: 3.44 min Scan# 60

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

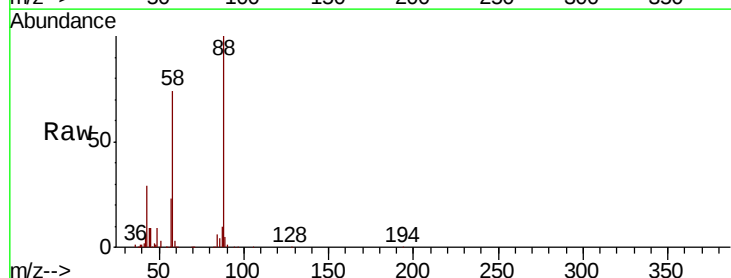
Tgt Ion: 88 Resp: 180894

Ion Ratio Lower Upper

88 100

58 74.7 59.8 89.8

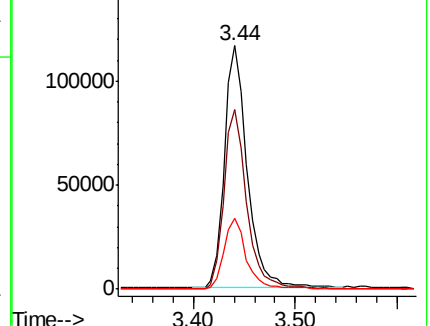
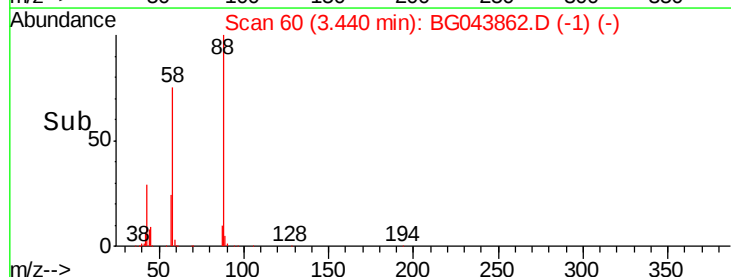
43 29.3 22.9 34.3

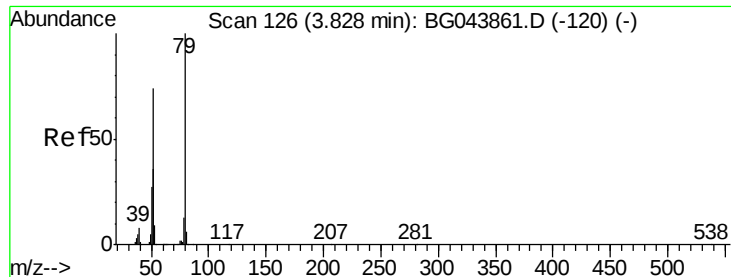


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 55.504 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampleId :

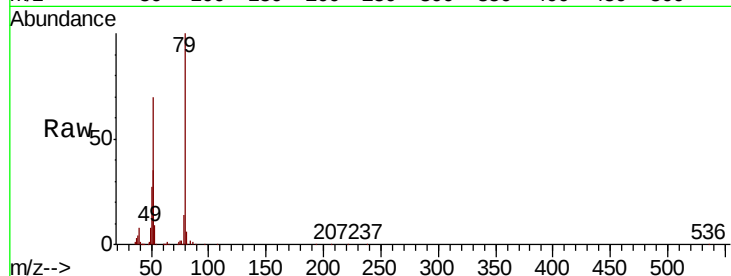
Tot Ion: 79 Resp: 571024

Ion Ratio Lower Upper

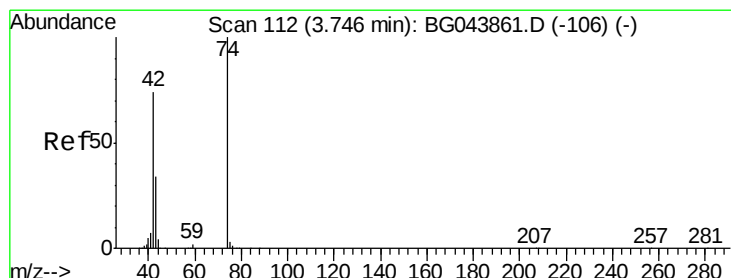
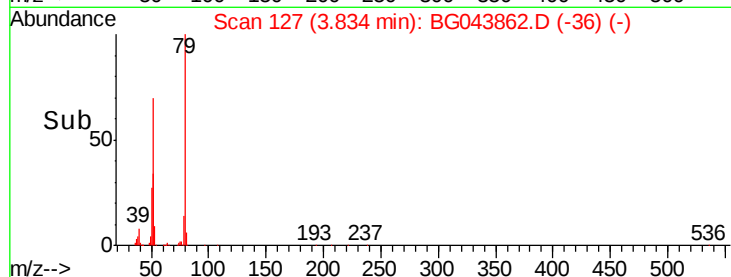
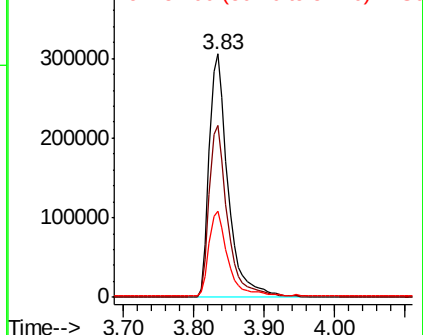
79 100

52 70.4 58.9 88.3

51 35.2 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: 53.781 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

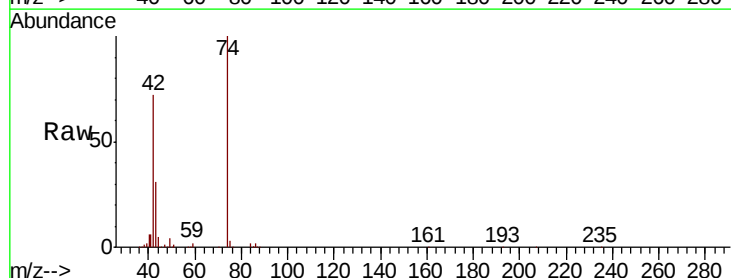
Tgt Ion: 42 Resp: 244941

Ion Ratio Lower Upper

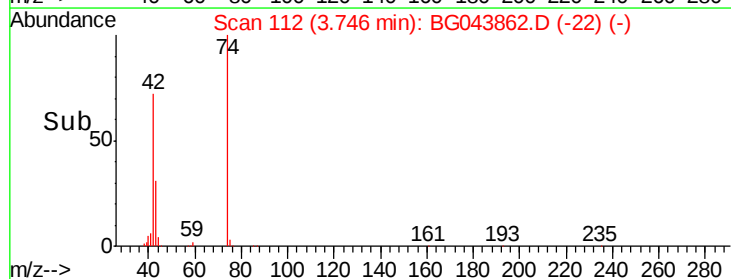
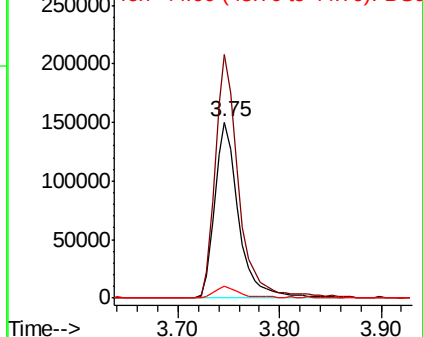
42 100

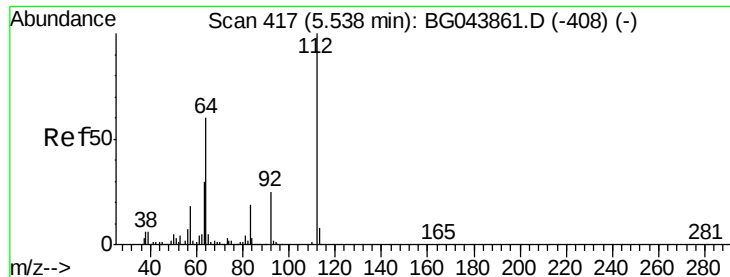
74 138.5 108.6 162.8

44 6.6 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: 108.107 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampleId :

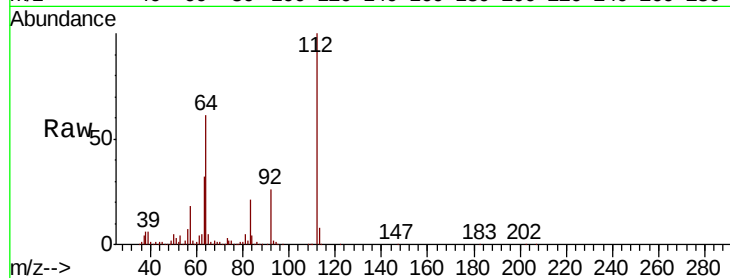
Tot Ion:112 Resp: 863953

Ion Ratio Lower Upper

112 100

64 60.5 47.8 71.6

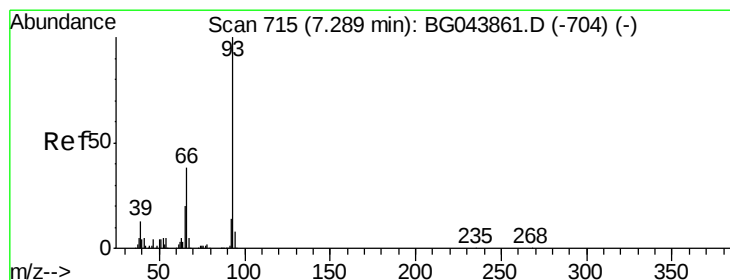
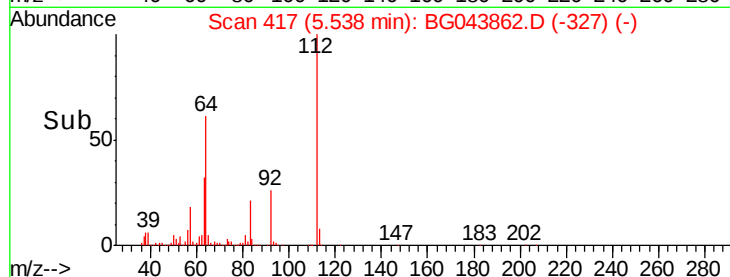
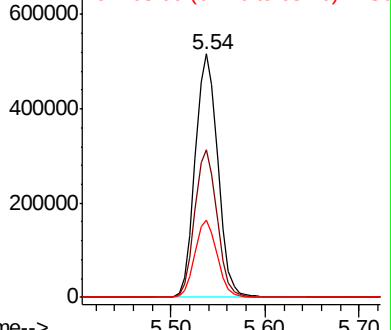
63 32.0 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 54.048 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

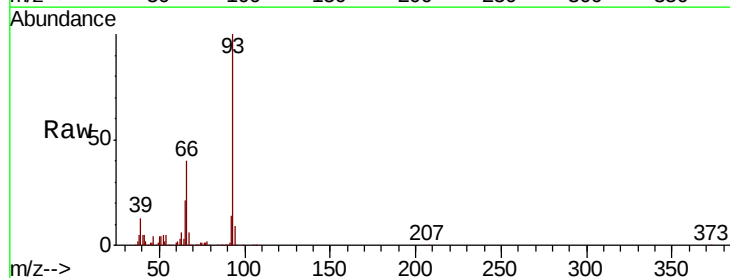
Tgt Ion: 93 Resp: 801583

Ion Ratio Lower Upper

93 100

66 40.1 30.8 46.2

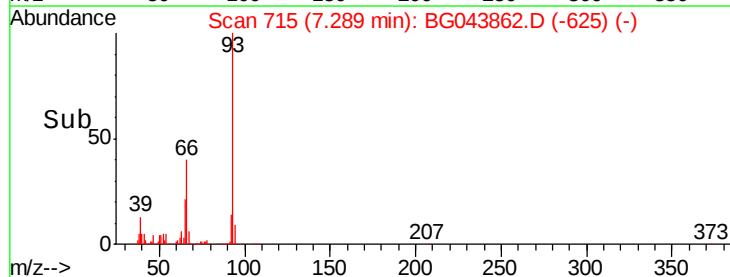
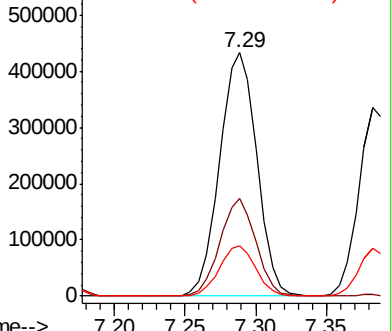
65 20.9 16.0 24.0

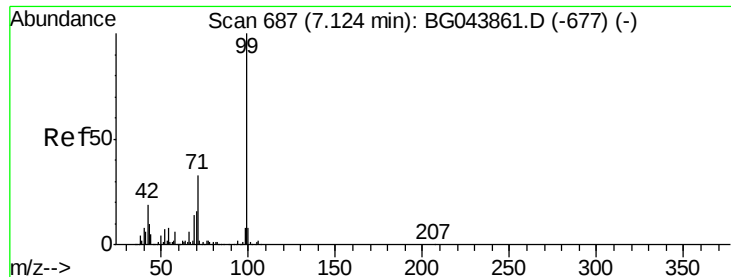


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.332 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

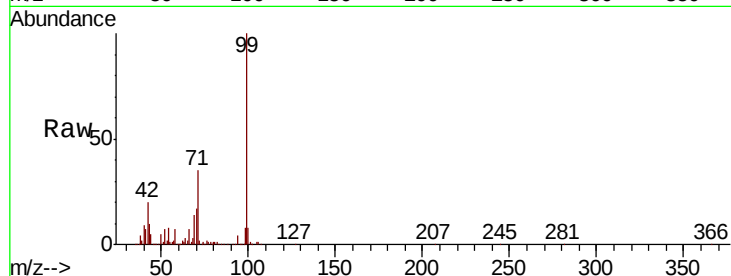
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1210737

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.9	22.3
71	34.7	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

800000

600000

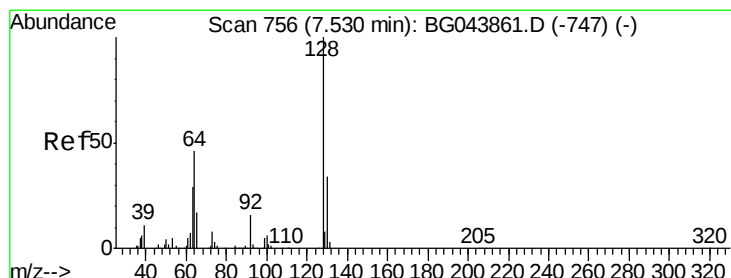
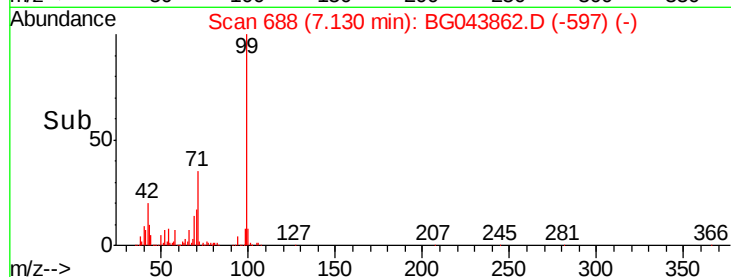
400000

200000

0

7.13

Time--> 7.00 7.10 7.20



#8

2-Chlorophenol

Concen: 54.110 ng

RT: 7.53 min Scan# 756

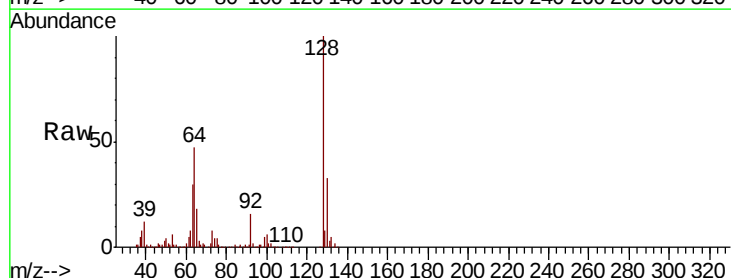
Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Tgt Ion: 128 Resp: 506486

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.8	53.8
64	46.8	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

400000

300000

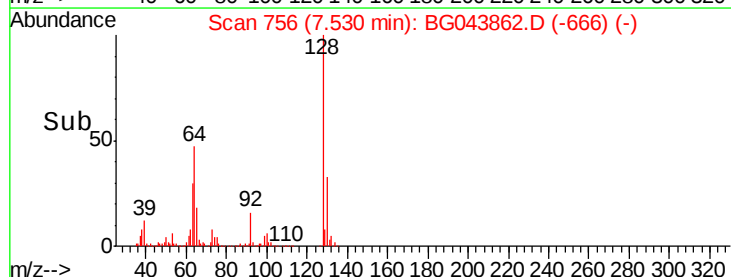
200000

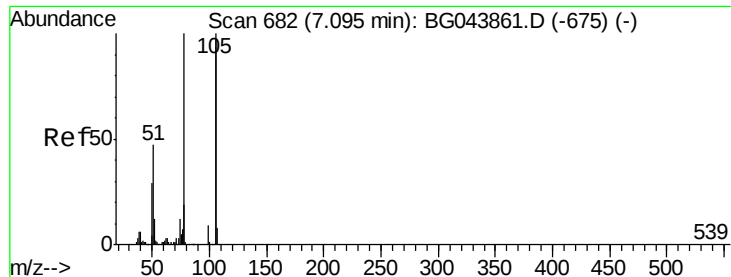
100000

0

7.53

Time--> 7.50 7.60





#9

Benzaldehyde

Concen: 47.237 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampleId :

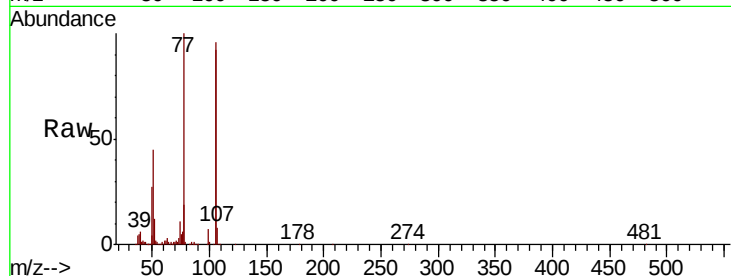
Tot Ion: 77 Resp: 349184

Ion Ratio Lower Upper

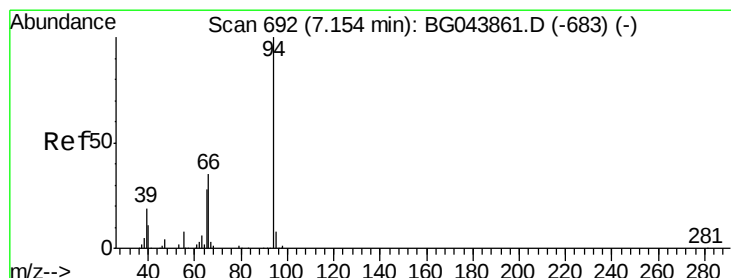
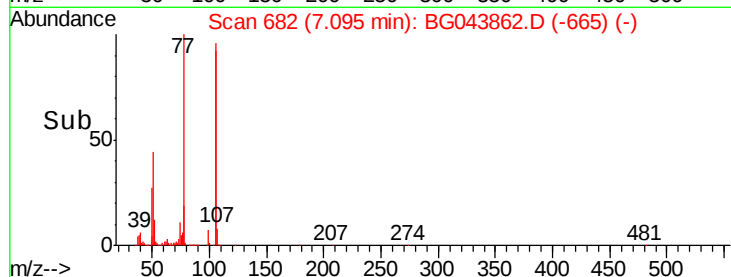
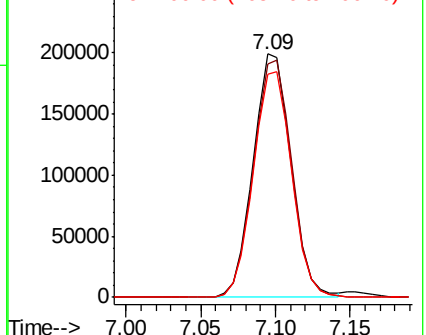
77 100

105 95.7 80.2 120.2

106 91.7 77.2 117.2



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



#10

Phenol

Concen: 53.875 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

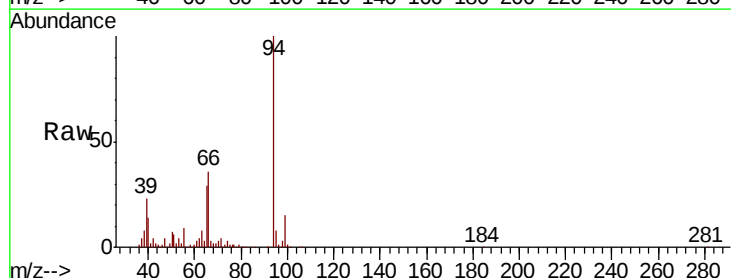
Tgt Ion: 94 Resp: 626364

Ion Ratio Lower Upper

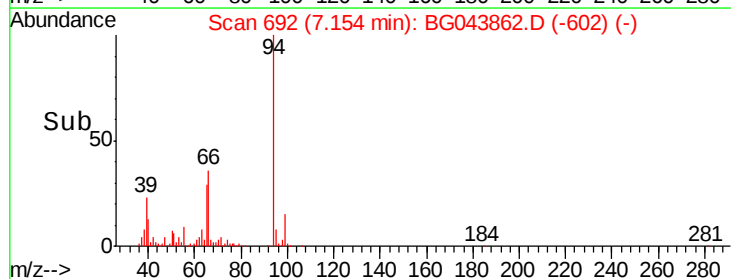
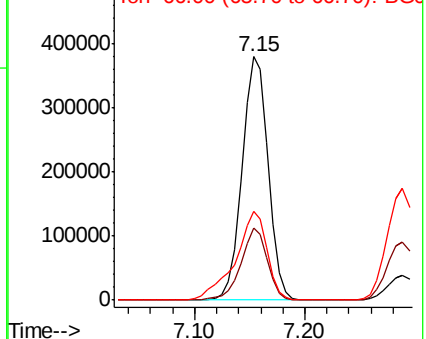
94 100

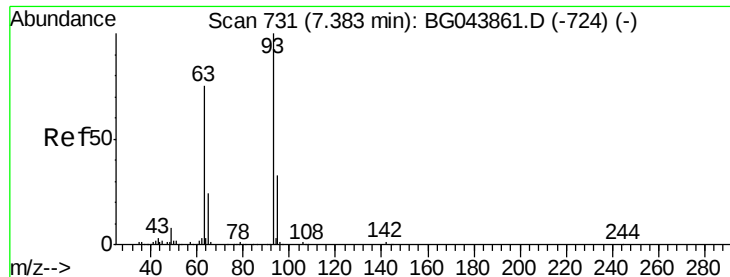
65 29.4 8.1 48.1

66 36.4 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

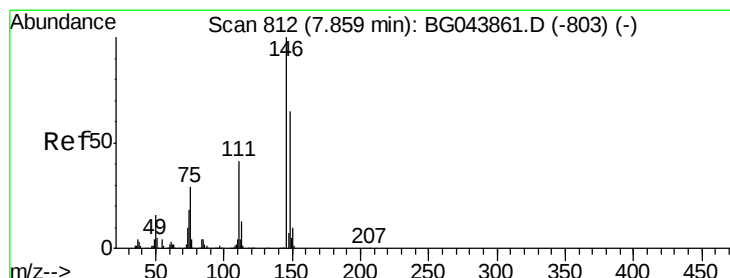
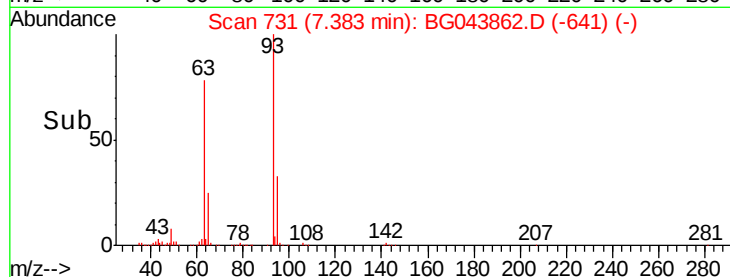
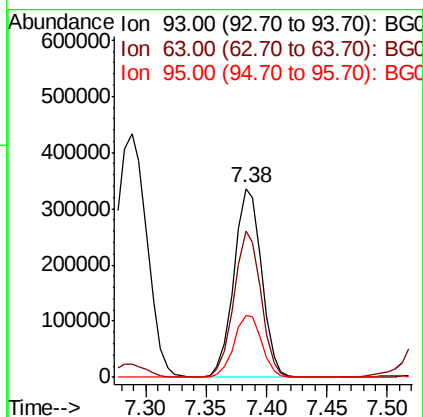
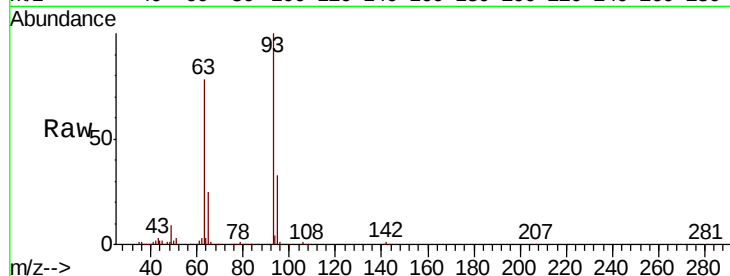




#11
bis(2-Chloroethyl)ether
Concen: 53.665 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

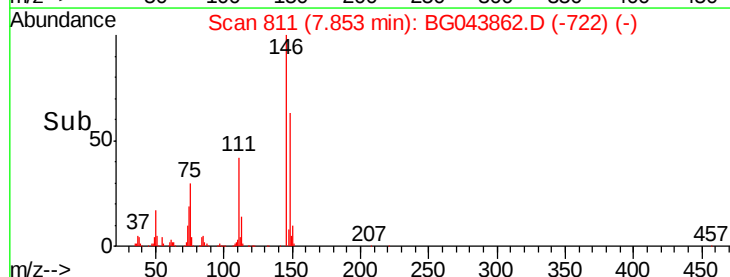
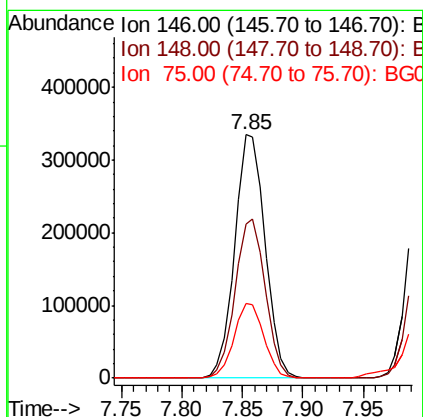
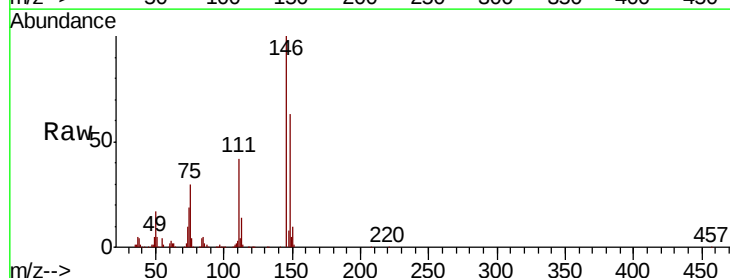
Instrument :
BNA_G
ClientSampled :

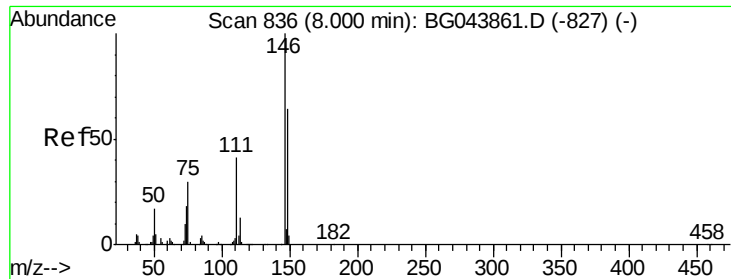
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.8	55.0	95.0
95	32.6	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 53.885 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.1	78.1
75	30.5	23.0	34.4

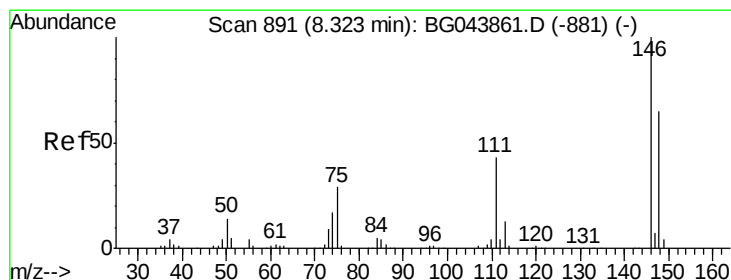
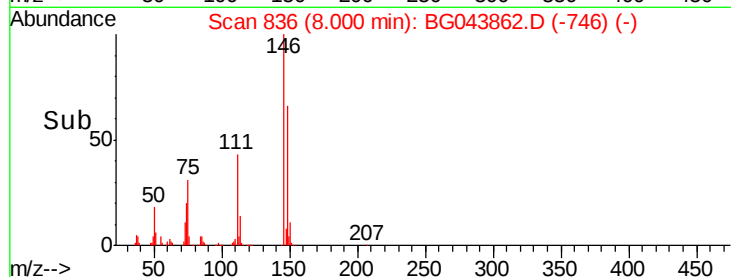
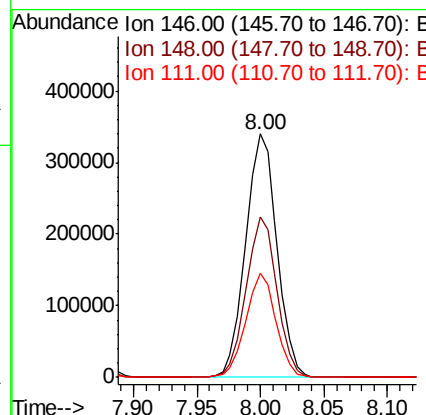
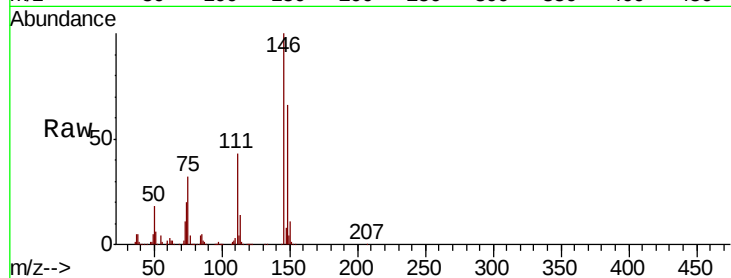




#13
 1,4-Dichlorobenzene
 Concen: 53.313 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

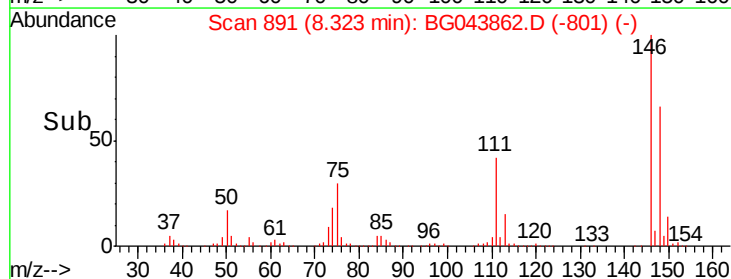
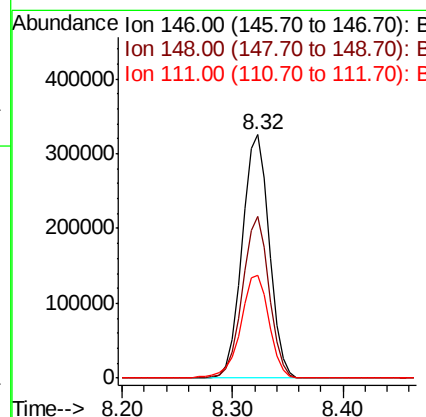
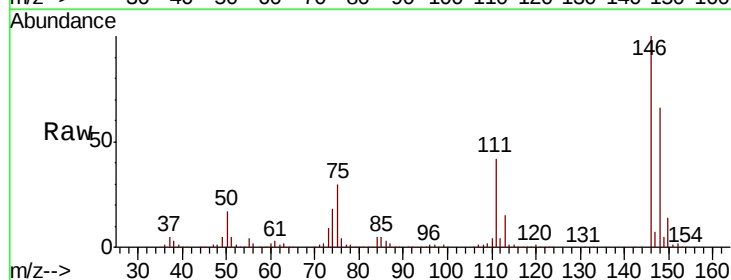
Instrument :
 BNA_G
 ClientSampleId :

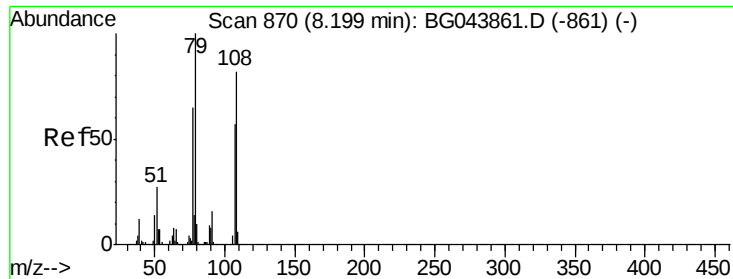
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.2	76.8
111	42.6	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 53.670 ng
 RT: 8.32 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.7	77.5
111	42.5	34.4	51.6





#15

Benzyl Alcohol

Concen: 54.643 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampleId :

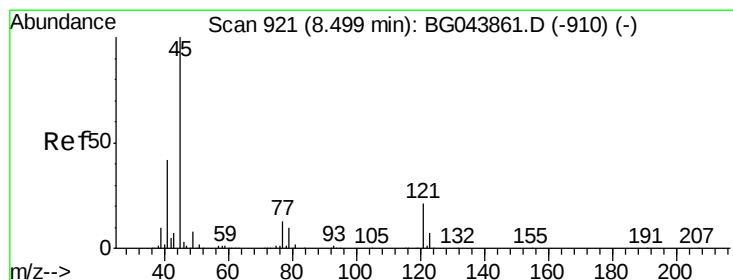
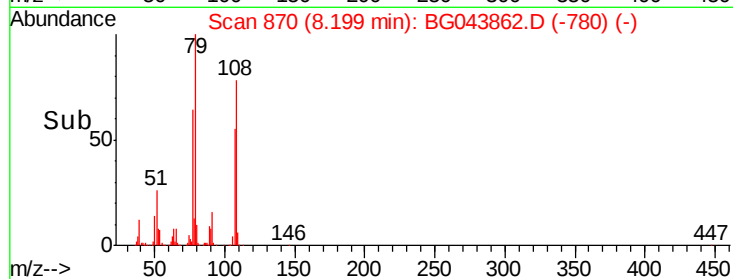
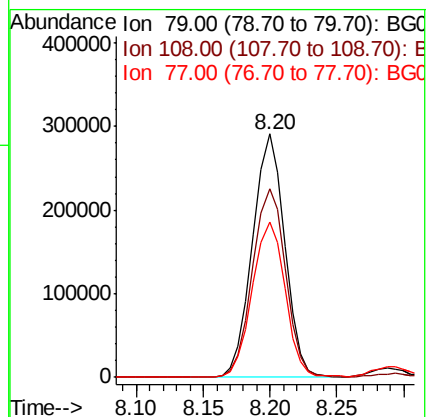
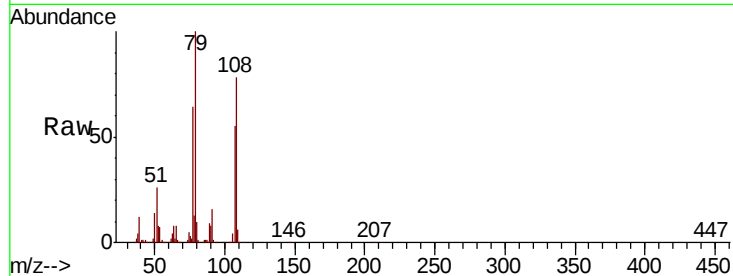
Tot Ion: 79 Resp: 485184

Ion Ratio Lower Upper

79 100

108 77.5 65.6 98.4

77 63.9 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 53.482 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

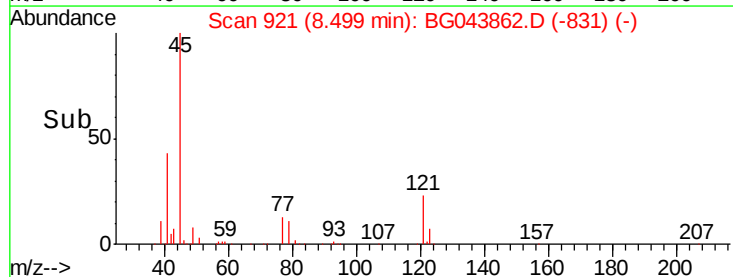
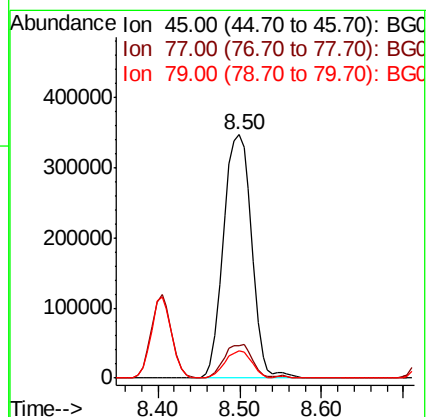
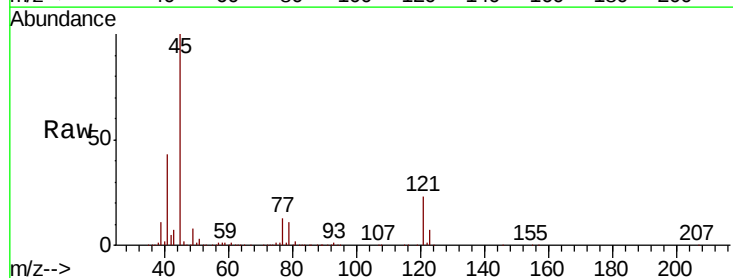
Tgt Ion: 45 Resp: 833981

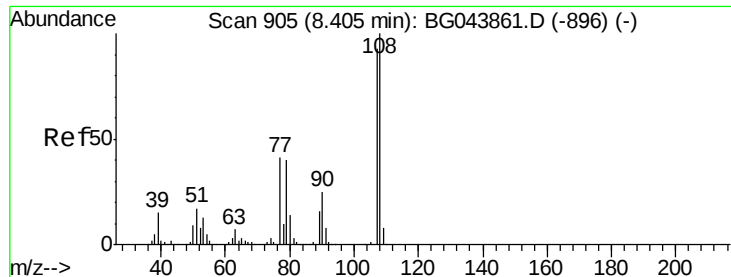
Ion Ratio Lower Upper

45 100

77 13.3 0.0 33.8

79 11.4 0.0 31.0





#17

2-Methylphenol

Concen: 54.075 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 455569

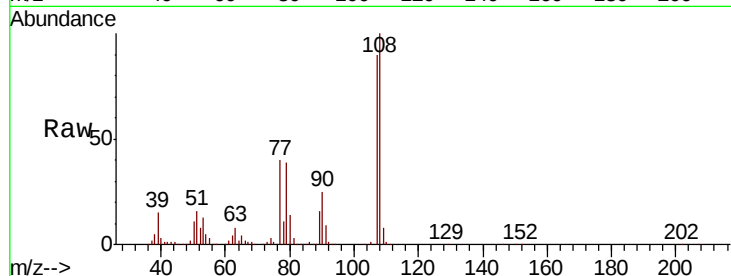
Ion Ratio Lower Upper

107 100

108 111.1 86.1 129.1

77 44.5 35.4 53.0

79 43.7 34.8 52.2

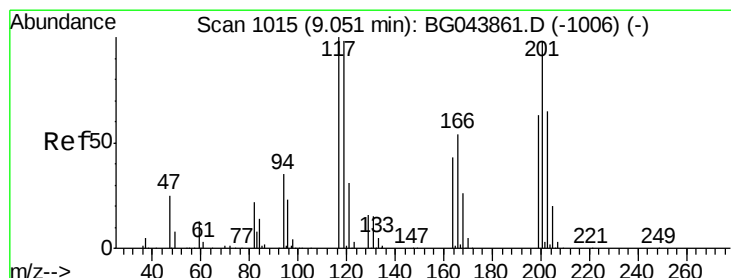
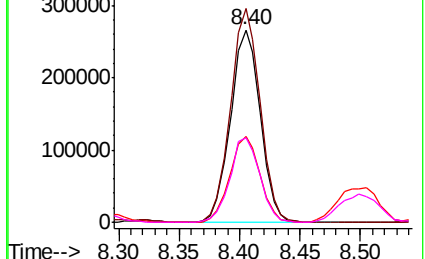
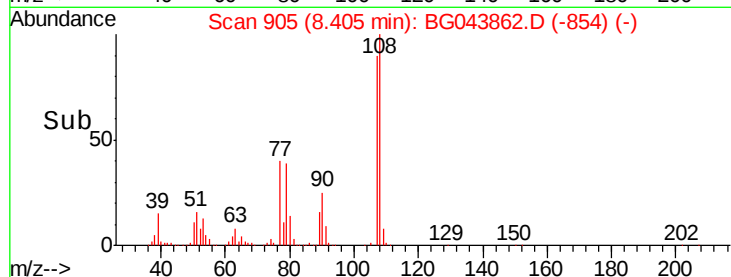


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 53.971 ng

RT: 9.05 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

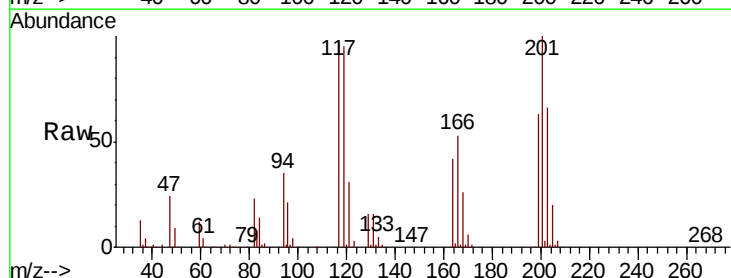
Tgt Ion:117 Resp: 226164

Ion Ratio Lower Upper

117 100

119 97.1 78.1 117.1

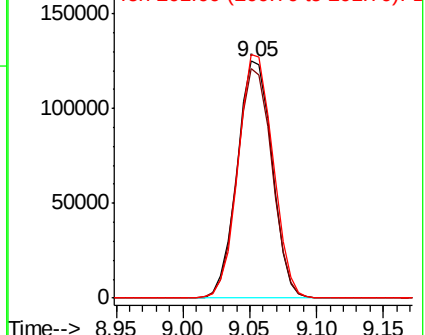
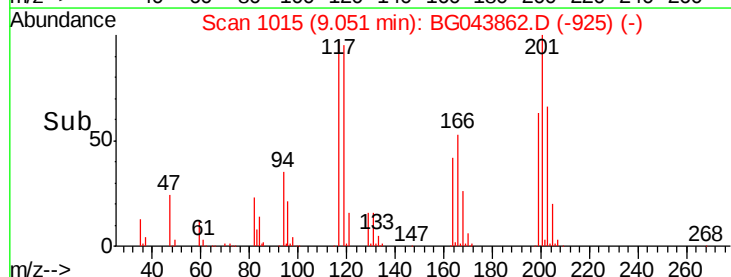
201 102.7 78.6 117.8

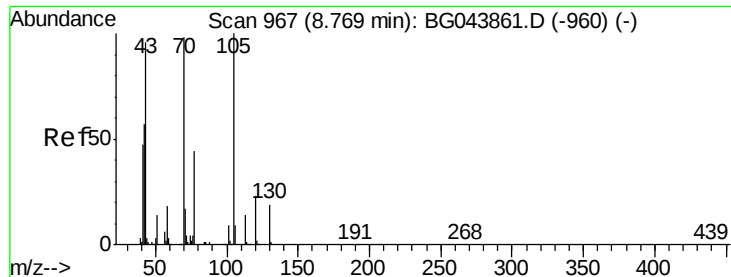


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

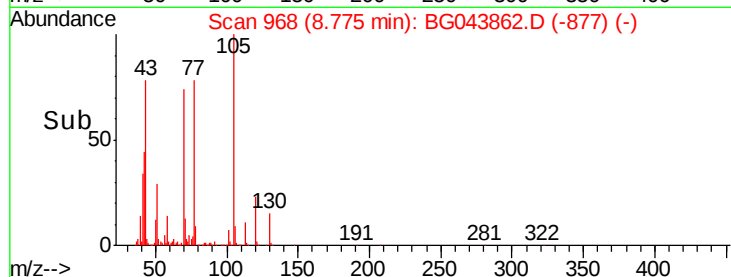
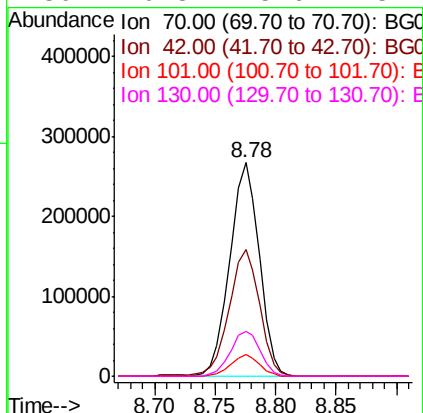
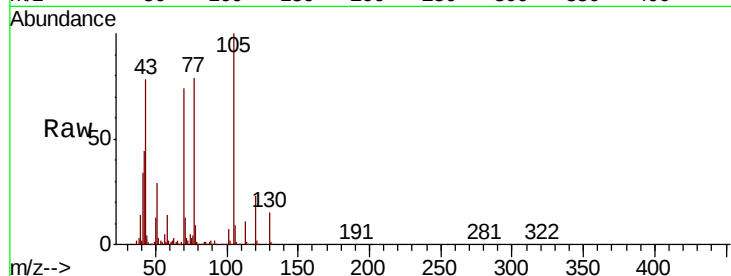




#19
n-Nitroso-di-n-propylamine
Concen: 54.039 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

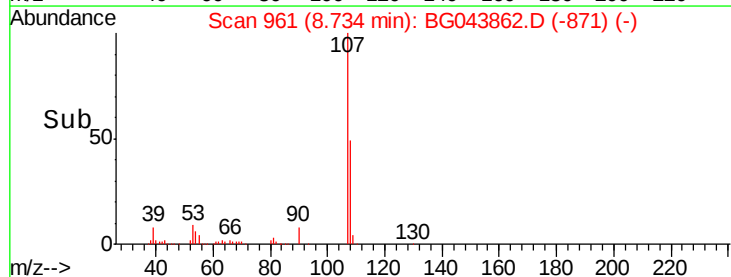
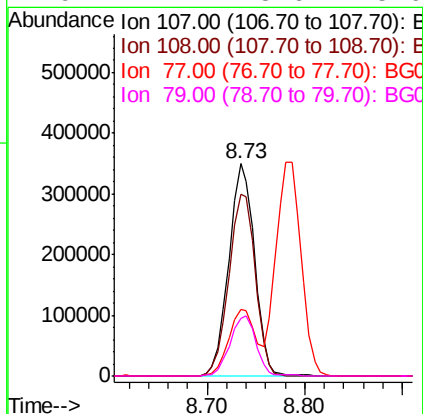
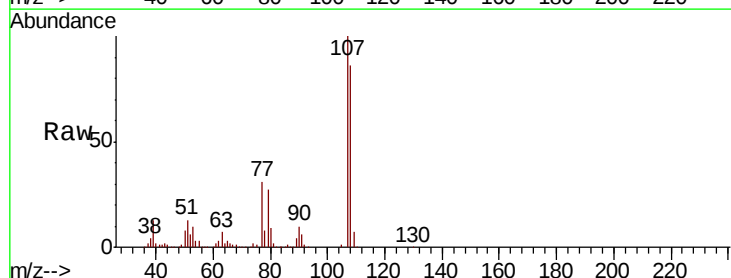
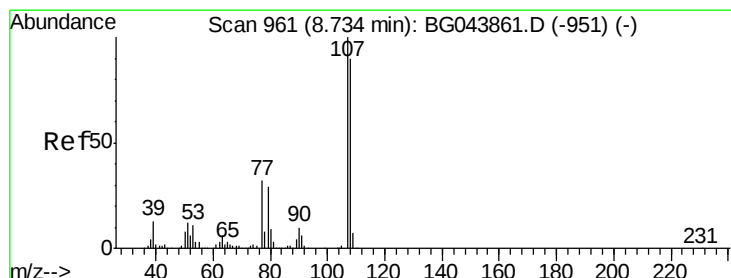
Instrument :
BNA_G
ClientSampleId :

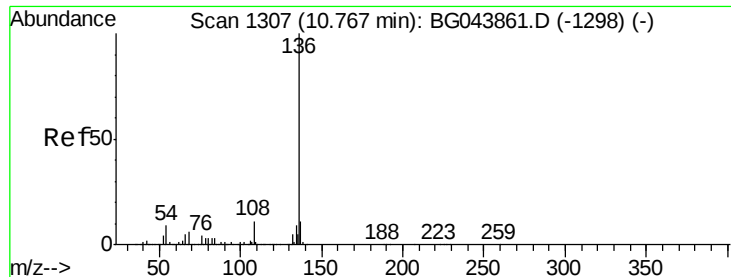
Tot Ion:	70	Resp:	455253
Ion	Ratio	Lower	Upper
70	100		
42	59.2	47.0	70.4
101	9.9	7.2	10.8
130	20.8	15.6	23.4



#20
3+4-Methylphenols
Concen: 54.704 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

Tgt Ion:	107	Resp:	638448
Ion	Ratio	Lower	Upper
107	100		
108	85.9	70.3	110.3
77	31.2	12.4	52.4
79	27.2	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: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 618092

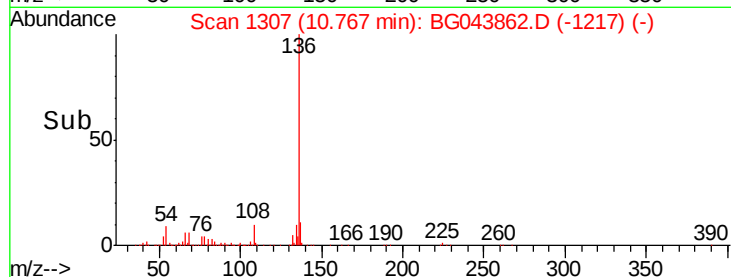
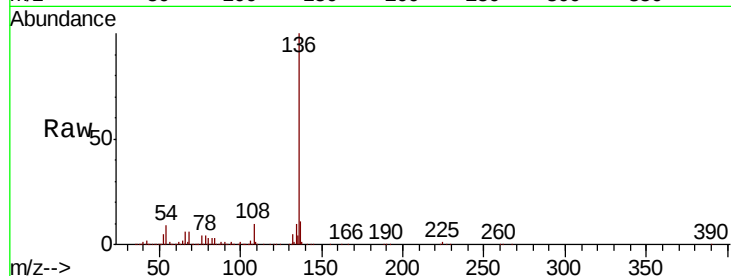
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.6 7.0 10.4

68 6.3 4.9 7.3



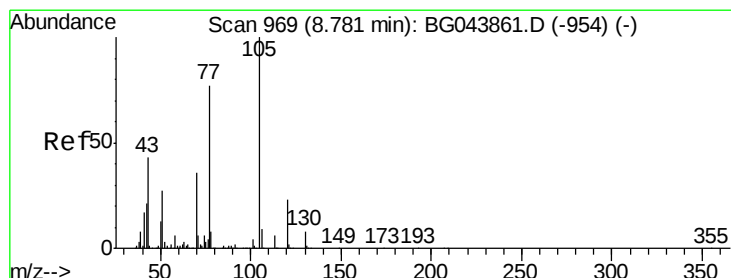
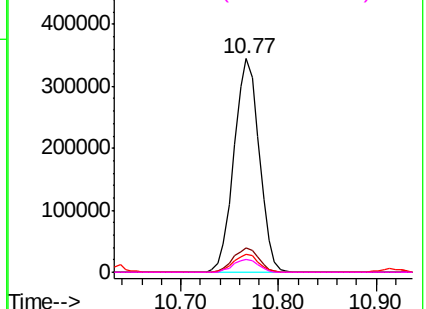
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 53.405 ng

RT: 8.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Tgt Ion:105 Resp: 826257

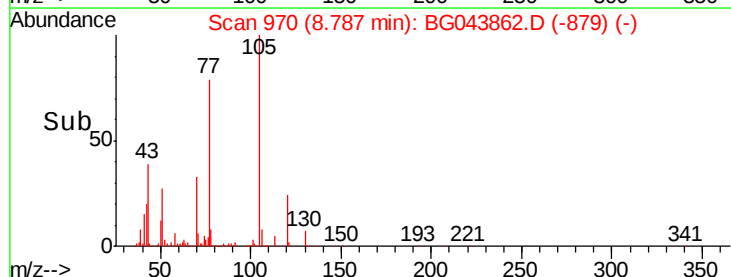
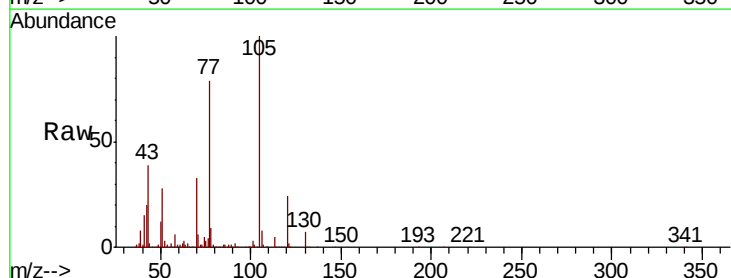
Ion Ratio Lower Upper

105 100

71 5.5 4.8 7.2

51 27.5 21.4 32.0

120 23.7 18.6 28.0



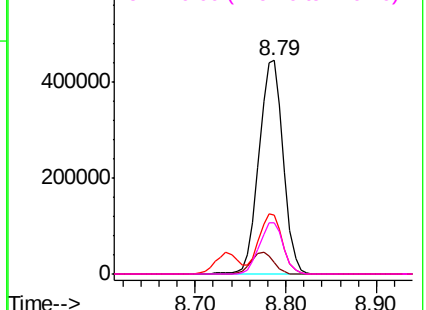
Abundance

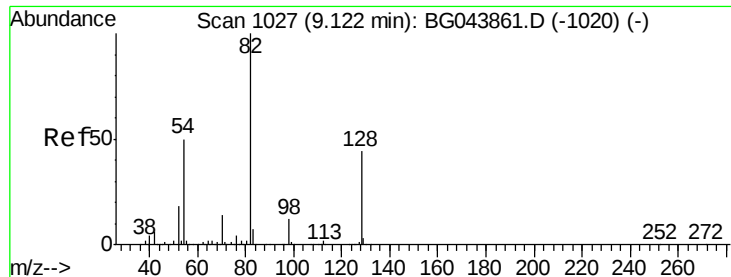
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

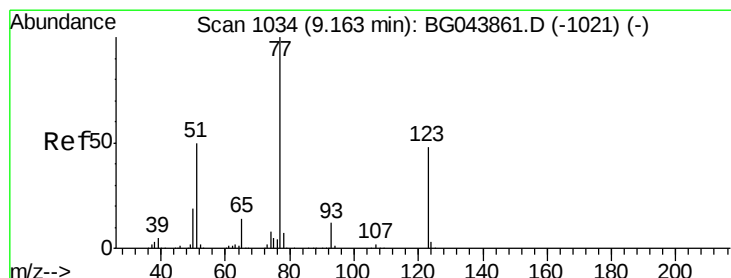
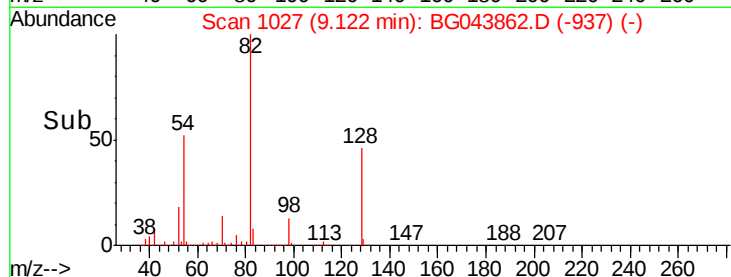
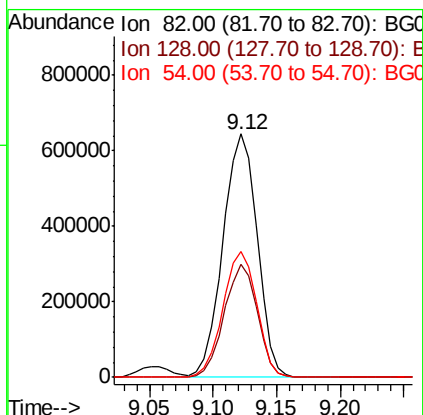
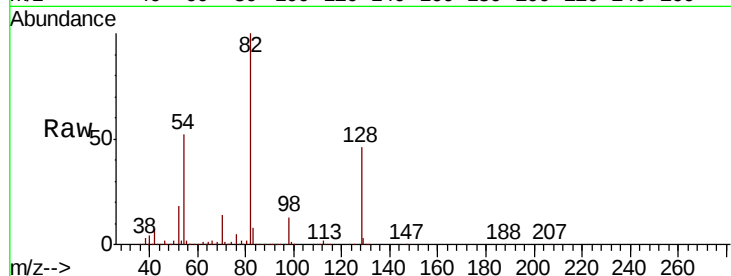




#23
 Nitrobenzene-d5
 Concen: 108.589 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

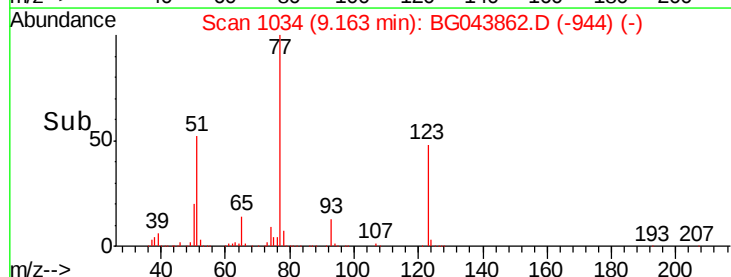
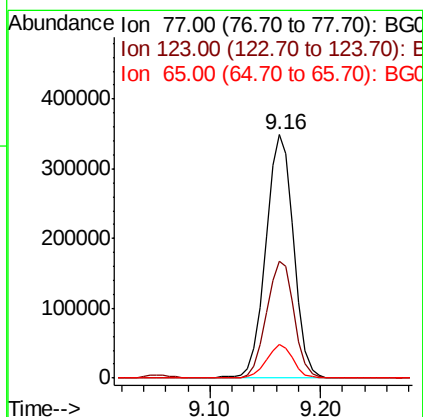
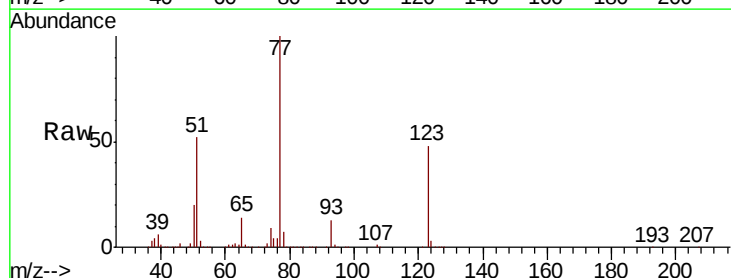
Instrument :
 BNA_G
 ClientSampleId :

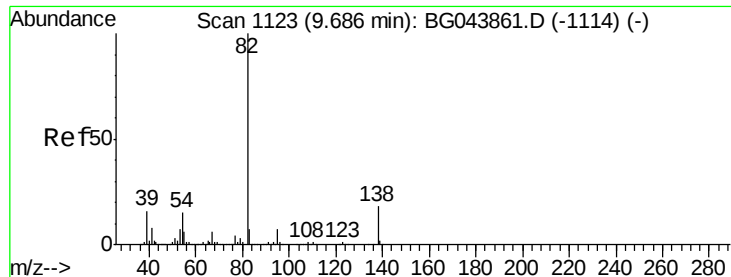
Tot Ion: 82 Resp: 1207231
 Ion Ratio Lower Upper
 82 100
 128 46.2 35.1 52.7
 54 51.6 40.1 60.1



#24
 Nitrobenzene
 Concen: 53.857 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

Tgt Ion: 77 Resp: 613051
 Ion Ratio Lower Upper
 77 100
 123 48.3 38.7 58.1
 65 13.9 11.1 16.7





#25

Isophorone

Concen: 53.879 ng

RT: 9.69 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampleId :

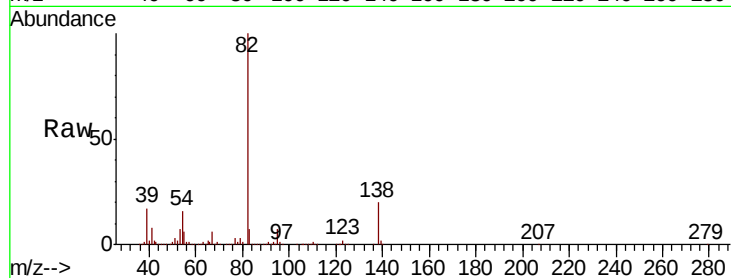
Tot Ion: 82 Resp: 1172448

Ion Ratio Lower Upper

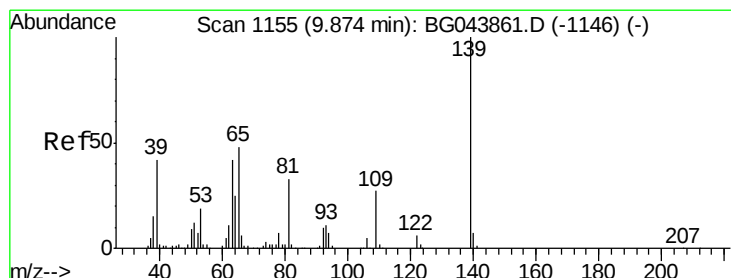
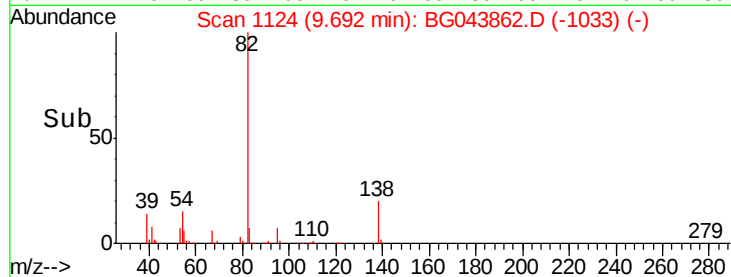
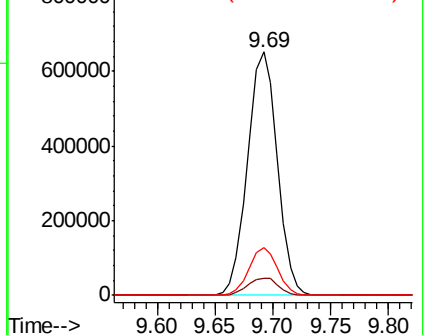
82 100

95 7.0 5.8 8.6

138 19.6 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: 57.617 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

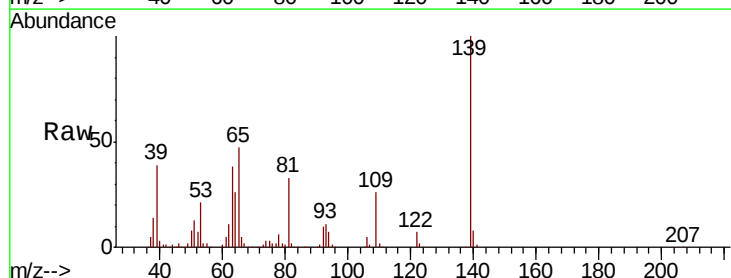
Tgt Ion: 139 Resp: 304231

Ion Ratio Lower Upper

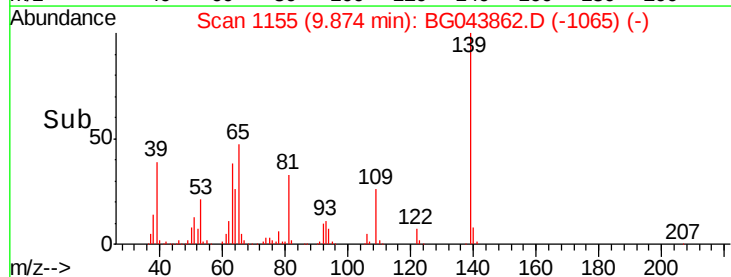
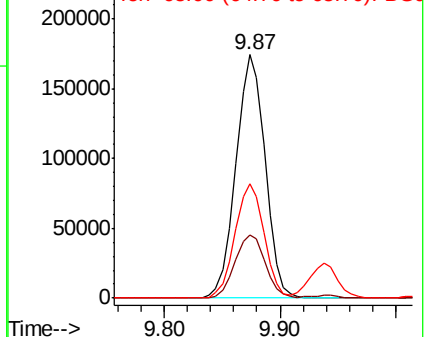
139 100

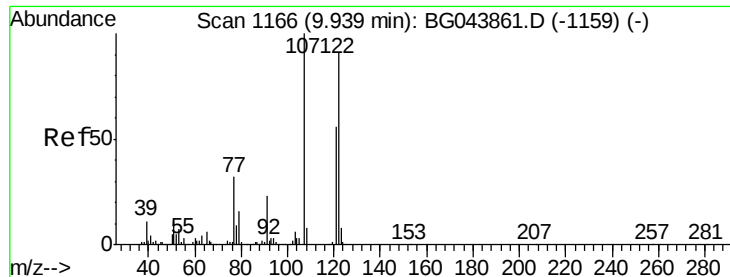
109 26.1 21.3 31.9

65 46.9 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

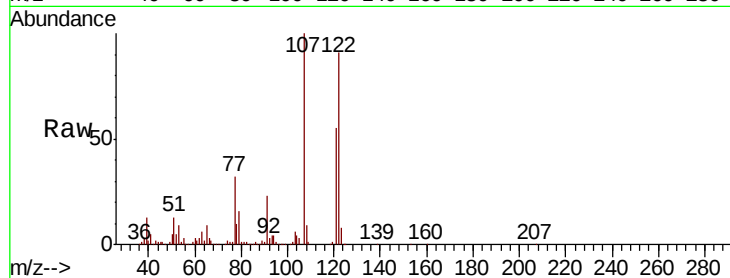




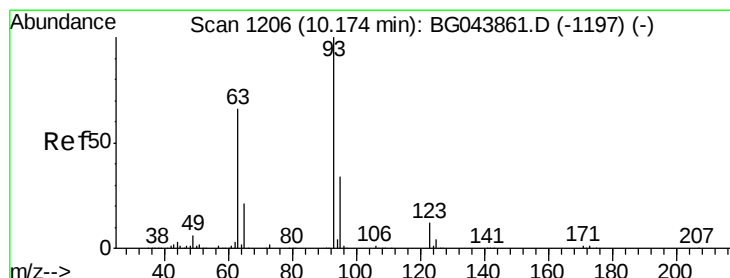
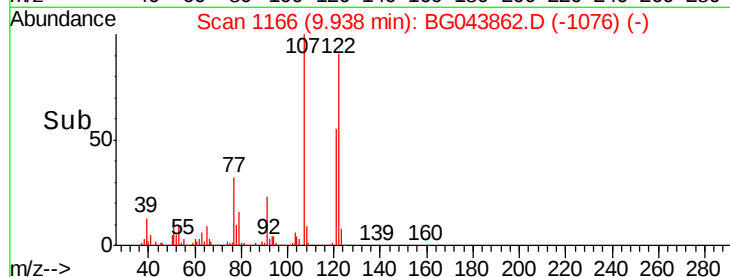
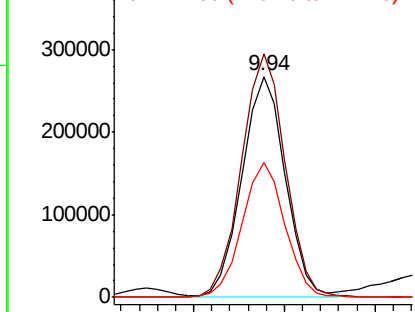
#27
 2,4-Dimethylphenol
 Concen: 54.689 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.1	88.0	132.0
121	60.7	49.0	73.4

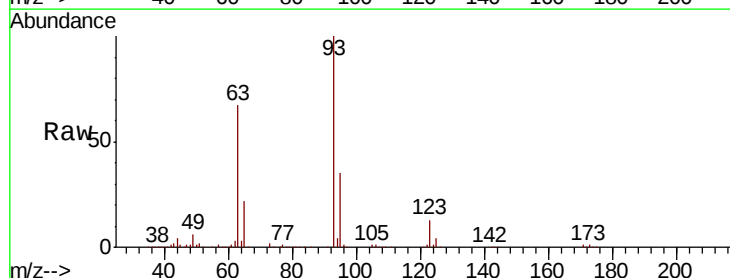


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

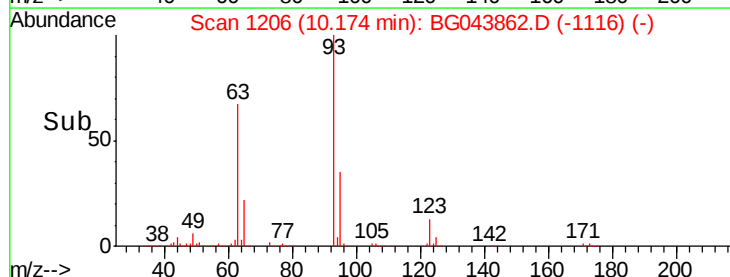
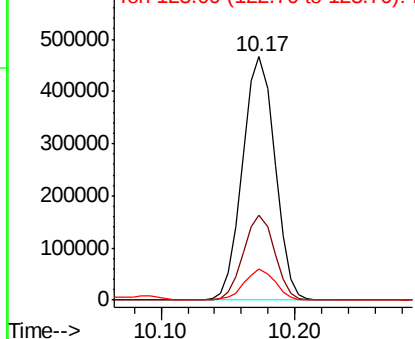


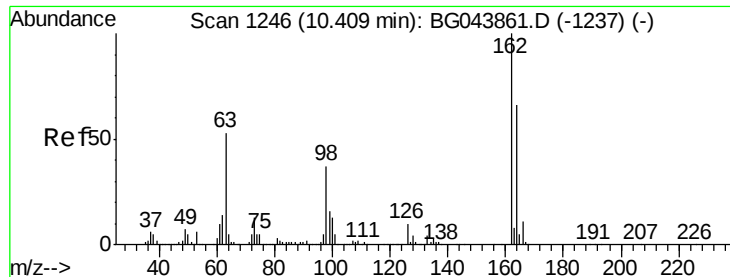
#28
 bis(2-Chloroethoxy)methane
 Concen: 54.098 ng
 RT: 10.17 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.0	27.2	40.8
123	12.7	9.7	14.5



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

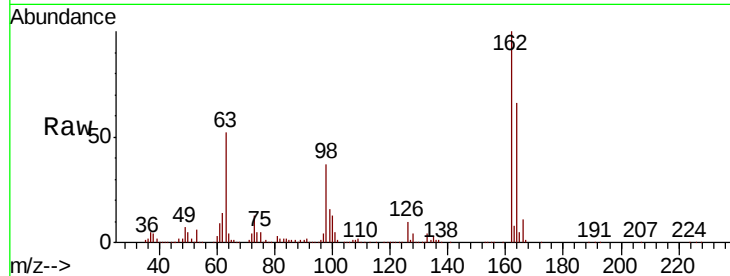




#29
 2,4-Dichlorophenol
 Concen: 54.890 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	46.3	86.3
98	37.1	17.3	57.3

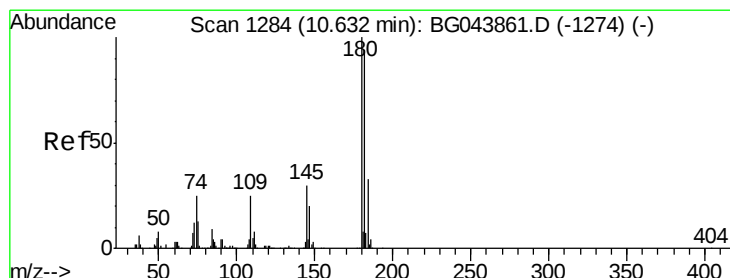
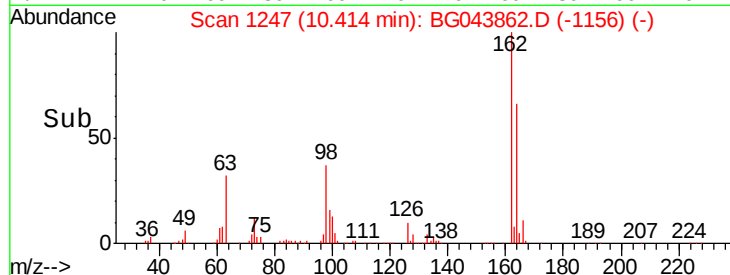
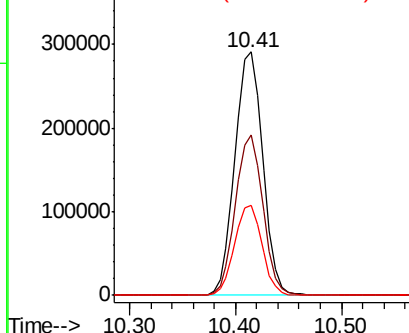


Abundance

Ion 162.00 (161.70 to 162.70): E

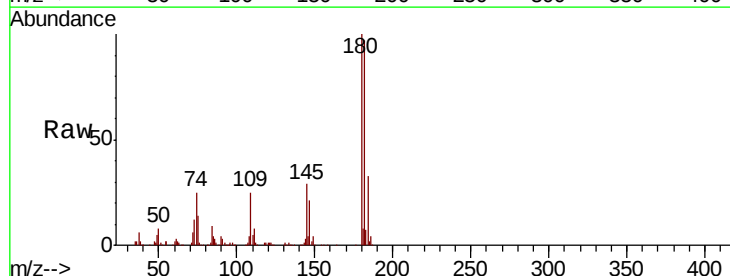
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 53.967 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.0	112.4
145	29.5	24.2	36.4

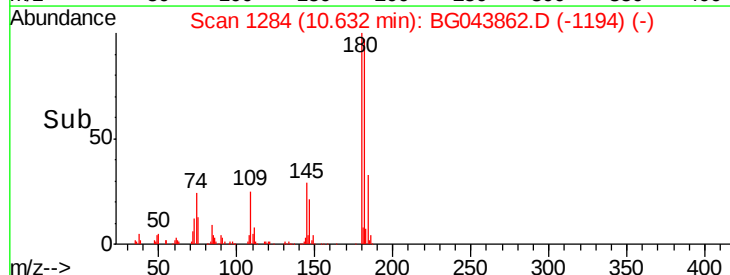
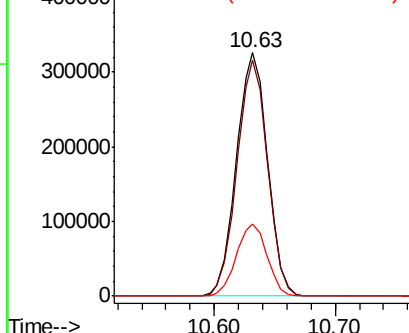


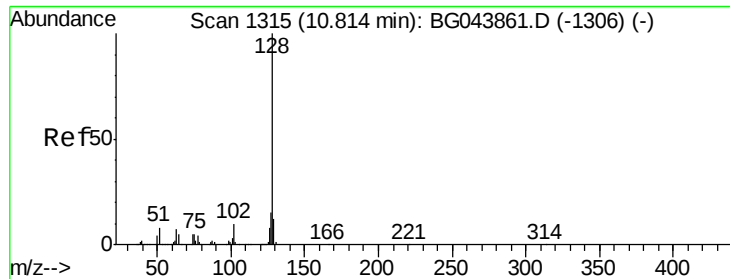
Abundance

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

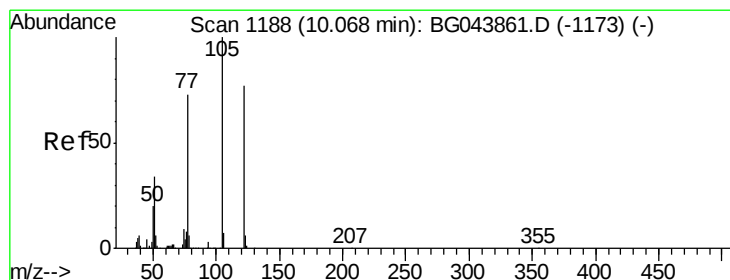
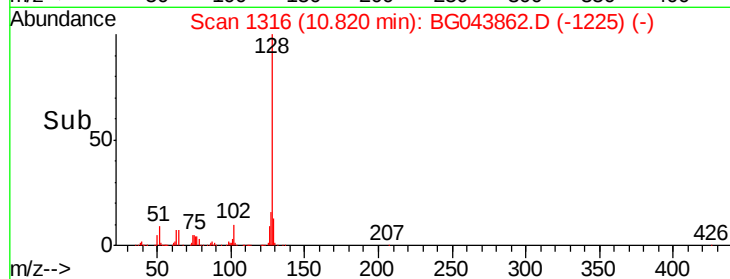
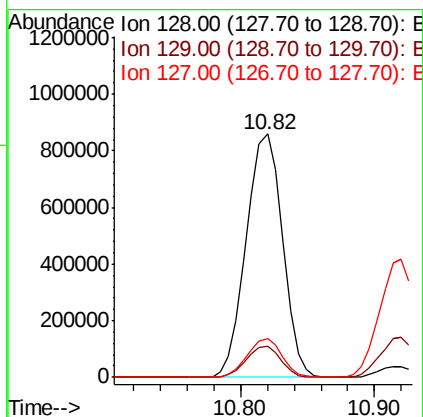
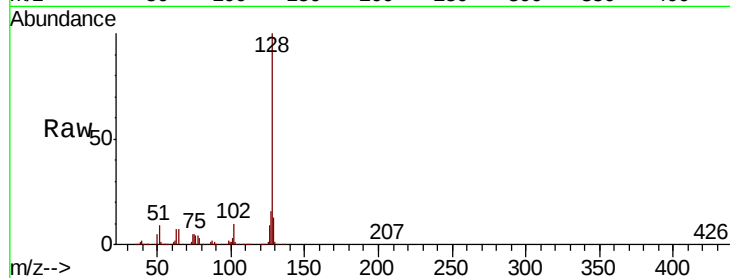




#31
Naphthalene
Concen: 54.003 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

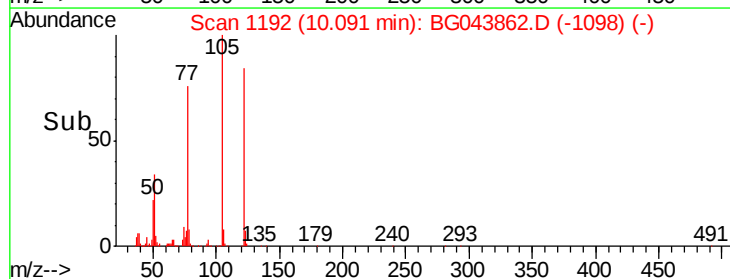
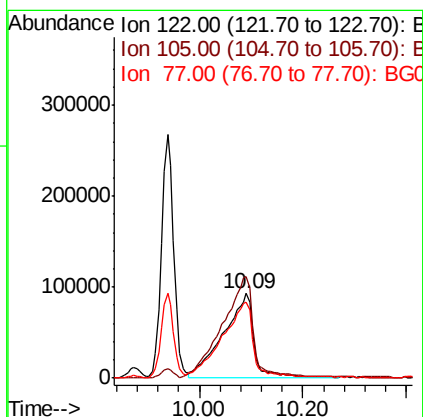
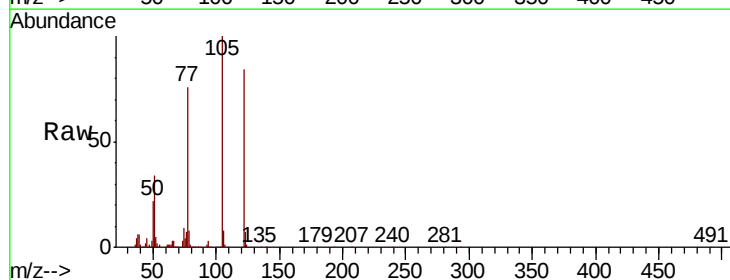
Instrument :
BNA_G
ClientSampled :

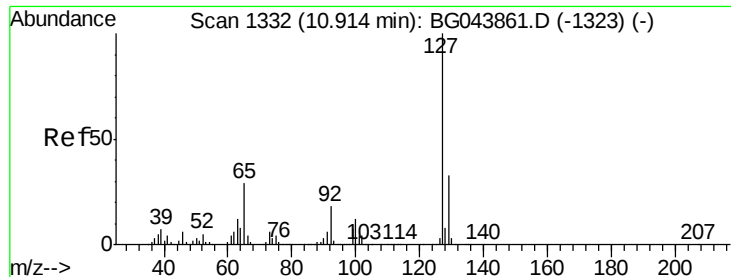
Tot Ion:128 Resp: 1617036
Ion Ratio Lower Upper
128 100
129 12.8 9.8 14.6
127 15.9 12.0 18.0



#32
Benzoic acid
Concen: 59.310 ng
RT: 10.09 min Scan# 1192
Delta R.T. 0.02 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

Tgt Ion:122 Resp: 374909
Ion Ratio Lower Upper
122 100
105 119.3 106.4 146.4
77 90.2 74.6 114.6

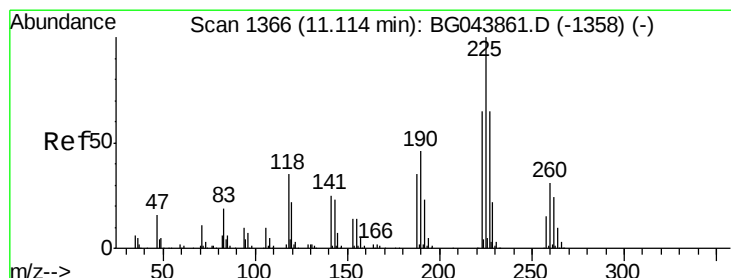
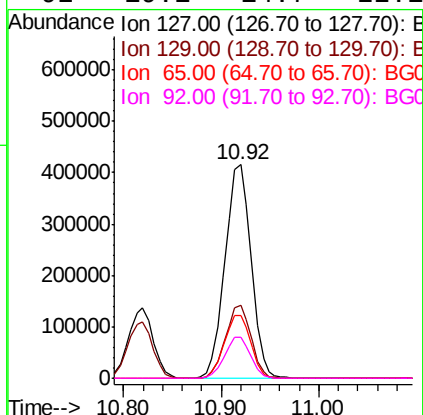
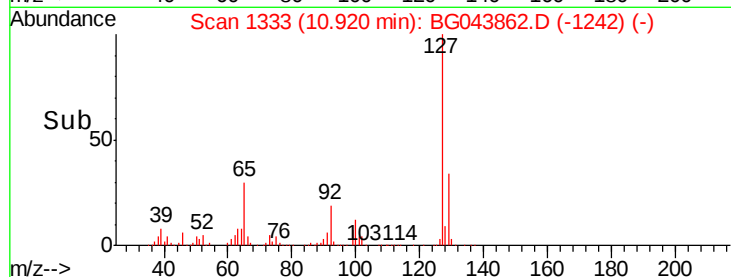
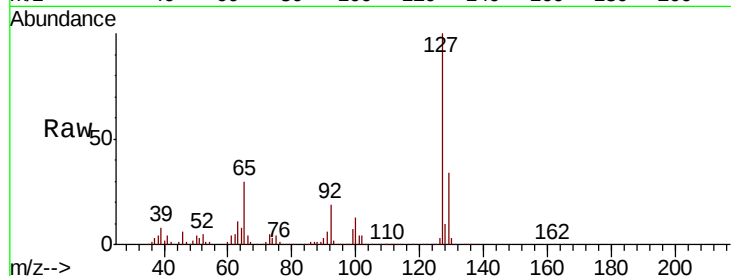




#33
4-Chloroaniline
Concen: 53.817 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

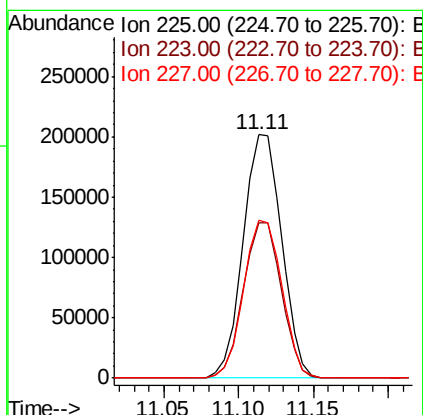
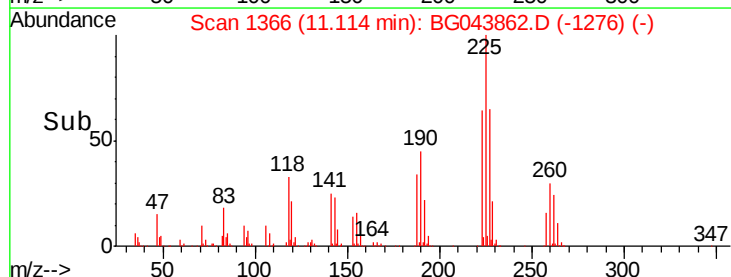
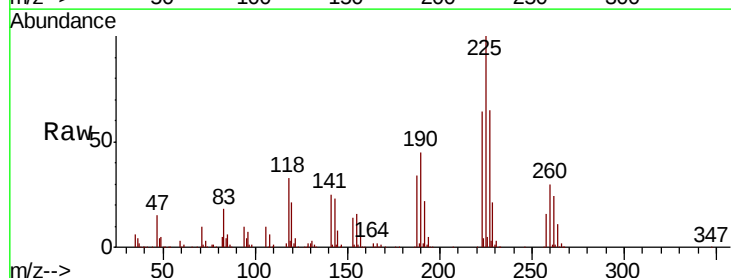
Instrument :
BNA_G
ClientSampleId :

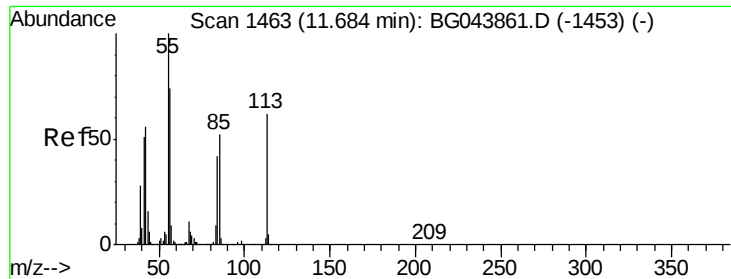
Tot Ion:	127	Resp:	772806
Ion	Ratio	Lower	Upper
127	100		
129	34.2	26.6	40.0
65	29.5	23.3	34.9
92	19.1	14.7	22.1



#34
Hexachlorobutadiene
Concen: 54.931 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

Tgt Ion:	225	Resp:	359743
Ion	Ratio	Lower	Upper
225	100		
223	63.8	52.2	78.4
227	64.6	52.1	78.1





#35

Caprolactam

Concen: 53.838 ng

RT: 11.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampleId :

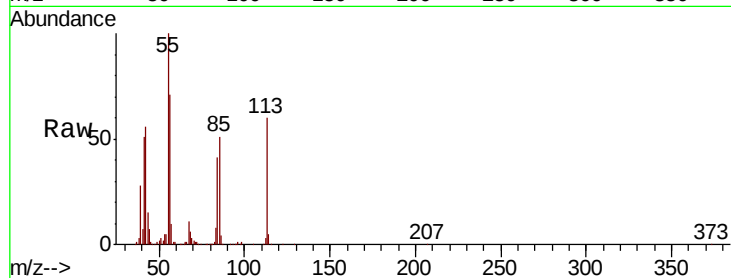
Tot Ion:113 Resp: 194974

Ion Ratio Lower Upper

113 100

55 166.0 142.5 182.5

56 118.3 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG

150000

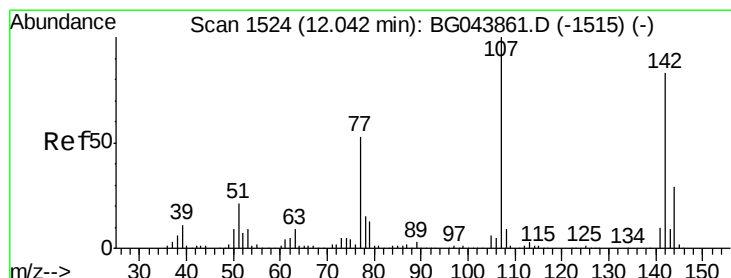
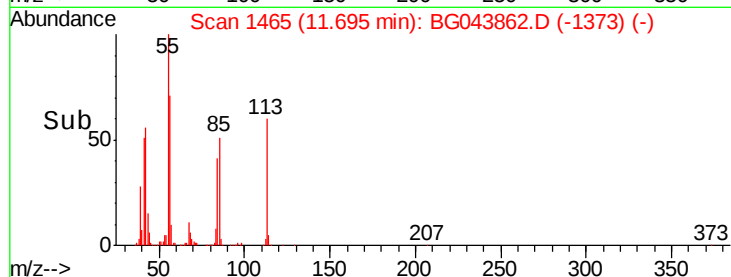
100000

50000

0

11.60 11.70 11.80

Time-->



#36

4-Chloro-3-methylphenol

Concen: 53.880 ng

RT: 12.04 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

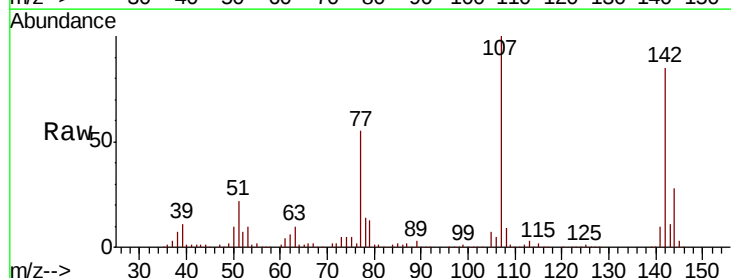
Tgt Ion:107 Resp: 562616

Ion Ratio Lower Upper

107 100

144 28.2 23.4 35.2

142 84.6 66.3 99.5



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

400000

300000

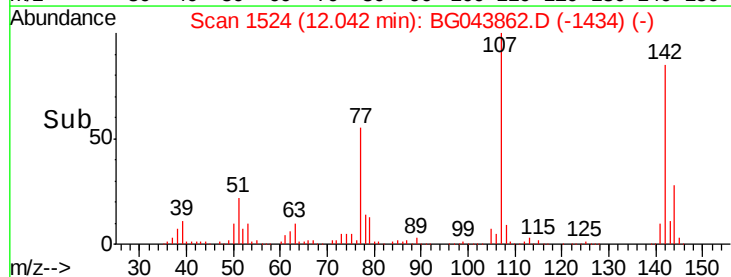
200000

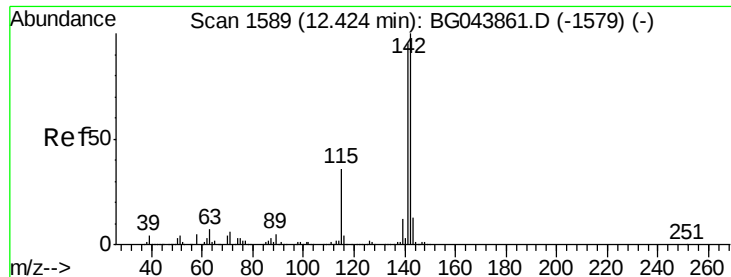
100000

0

12.00 12.10

Time-->

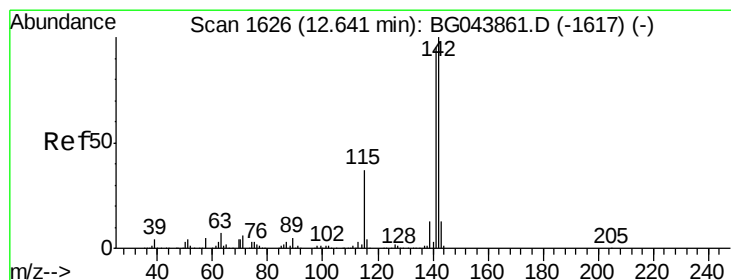
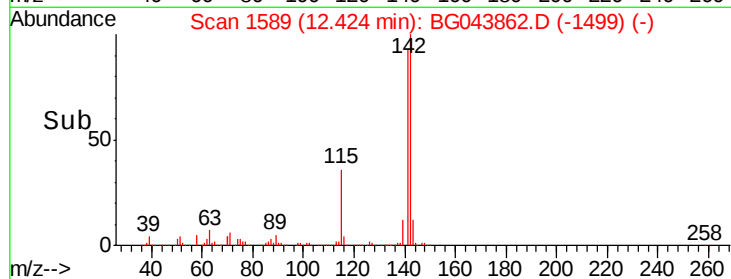
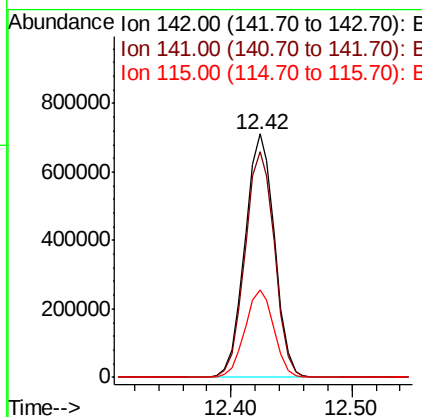
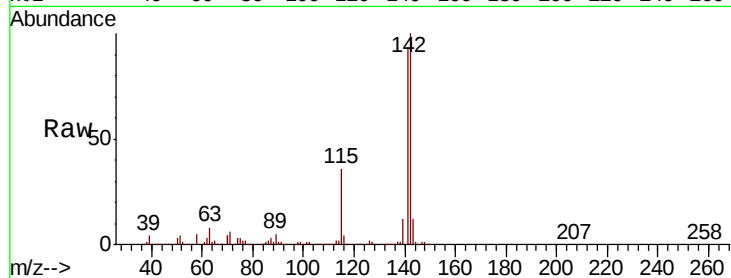




#37
2-Methylnaphthalene
Concen: 53.387 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

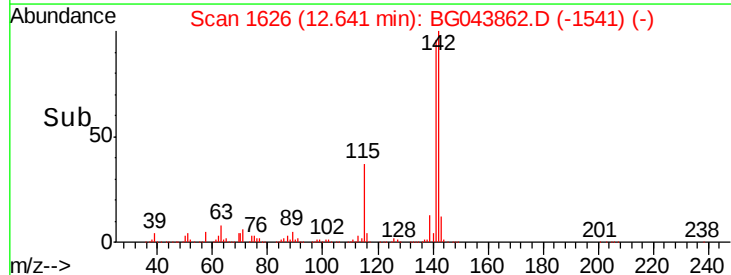
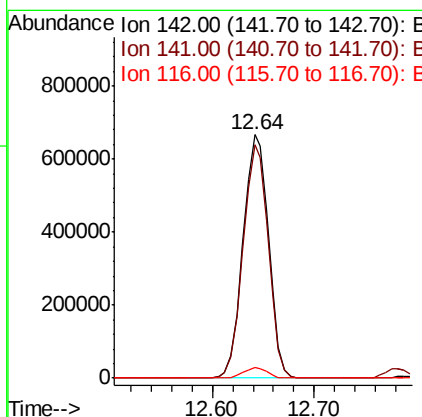
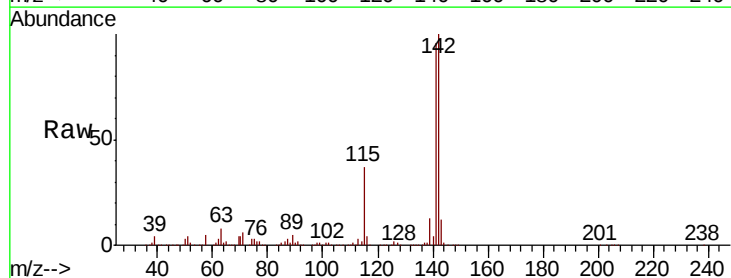
Instrument :
BNA_G
ClientSampleId :

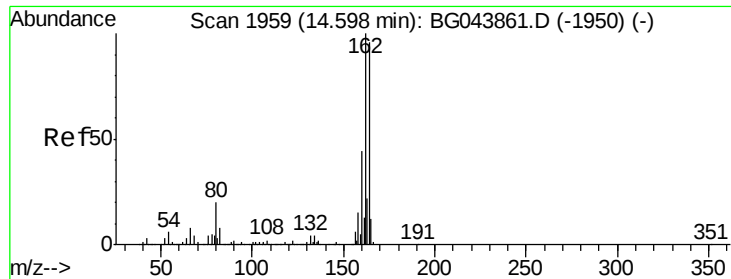
Tot Ion:142 Resp: 1206529
Ion Ratio Lower Upper
142 100
141 92.5 75.8 113.8
115 36.1 28.6 42.8



#38
1-Methylnaphthalene
Concen: 53.799 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

Tgt Ion:142 Resp: 1154104
Ion Ratio Lower Upper
142 100
141 95.8 76.0 114.0
116 4.3 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampleId :

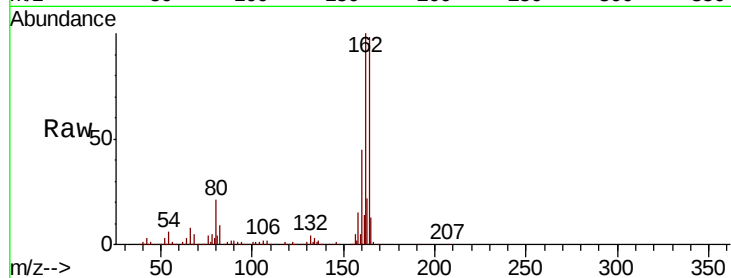
Tot Ion:164 Resp: 395310

Ion Ratio Lower Upper

164 100

162 102.4 83.0 124.4

160 45.7 36.1 54.1

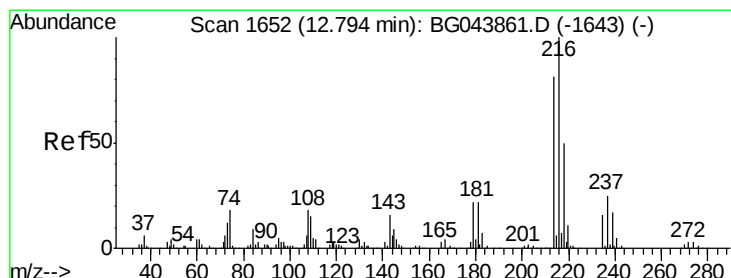
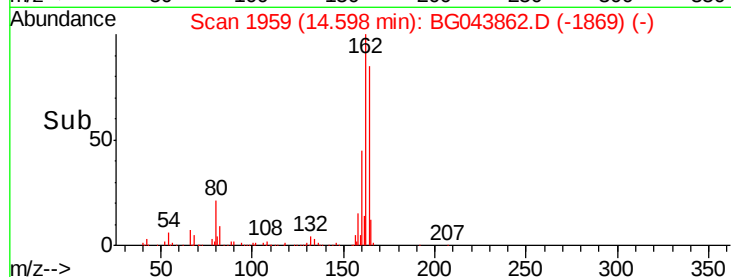
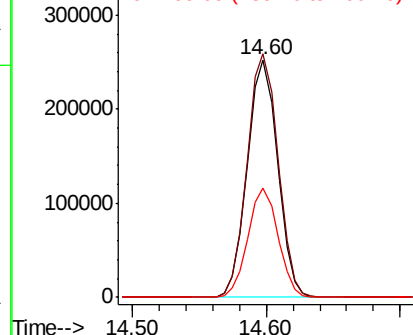


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.505 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Tgt Ion:216 Resp: 626279

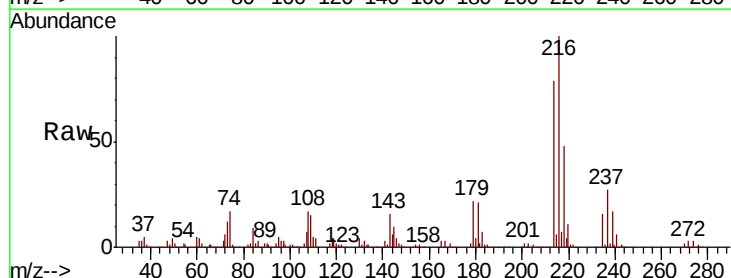
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.8

179 22.1 17.3 25.9

108 19.0 15.3 22.9



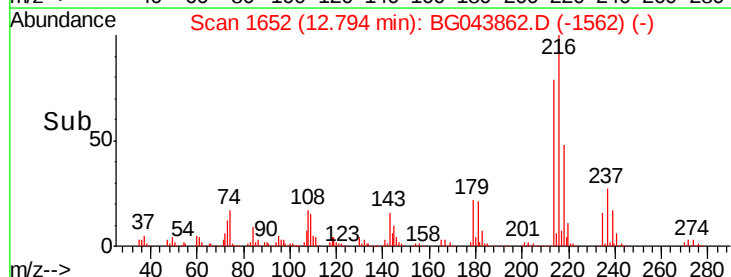
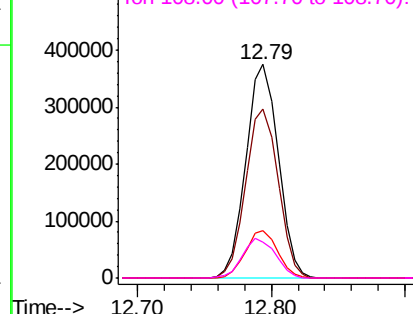
Abundance

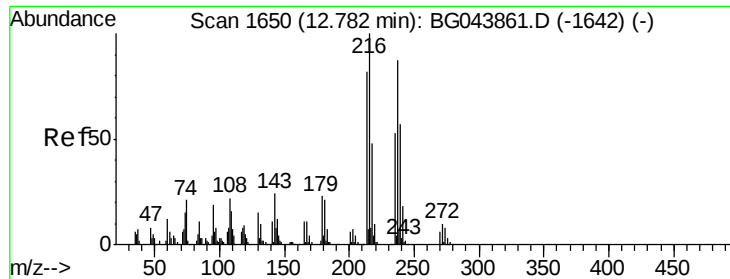
Ion 216.00 (215.70 to 216.70): E

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: 54.542 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampled :

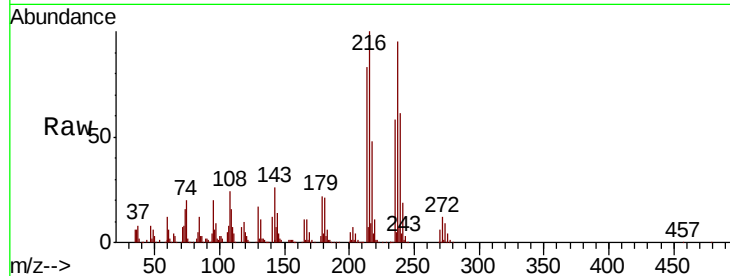
Tot Ion:237 Resp: 334635

Ion Ratio Lower Upper

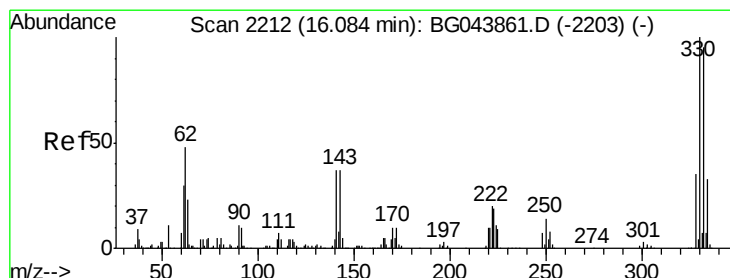
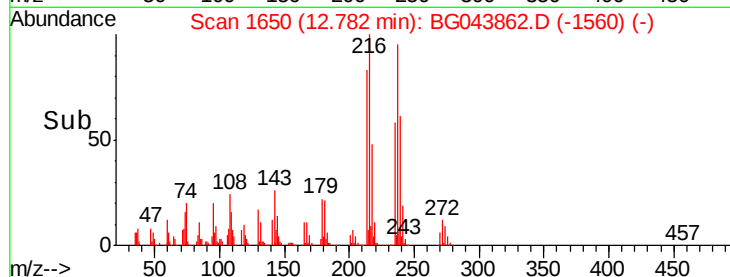
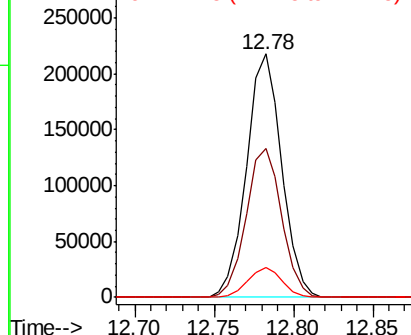
237 100

235 61.4 41.1 81.1

272 12.4 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: 108.158 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

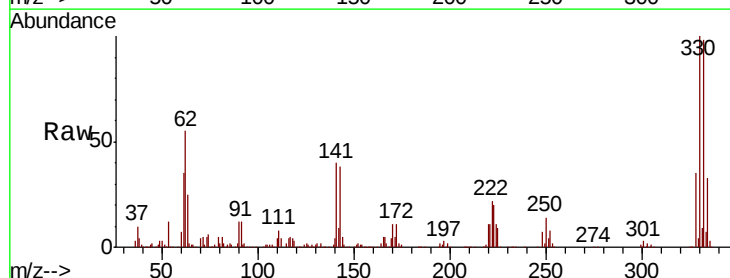
Tgt Ion:330 Resp: 450483

Ion Ratio Lower Upper

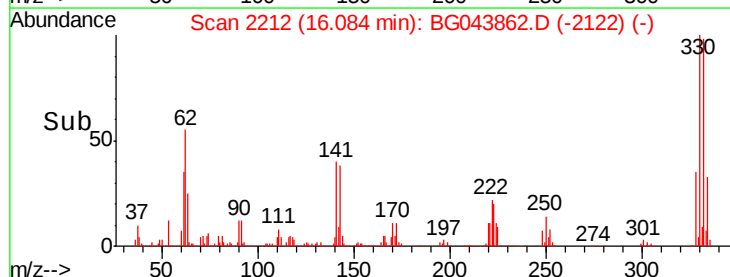
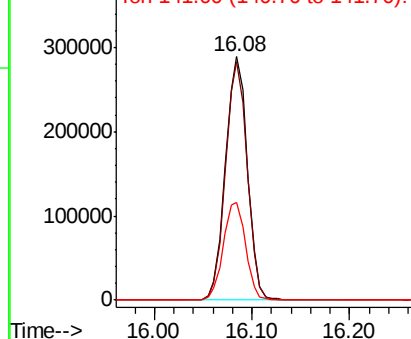
330 100

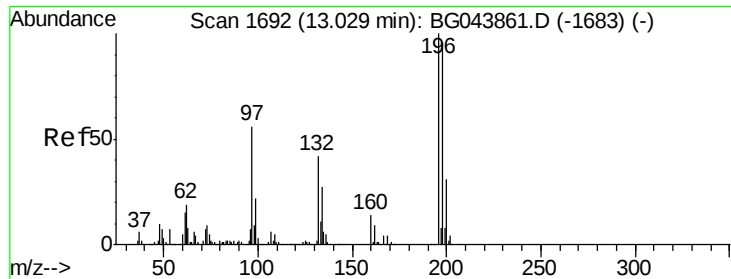
332 96.8 77.2 115.8

141 41.0 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

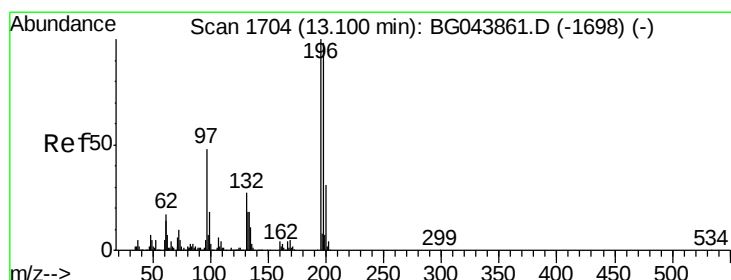
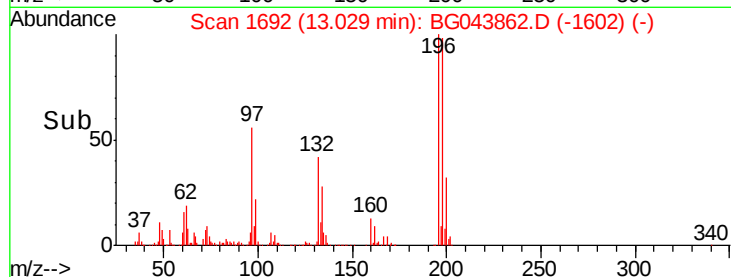
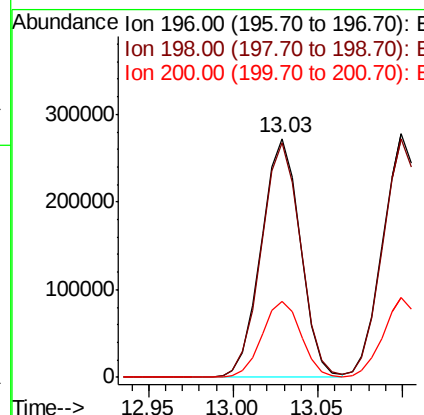
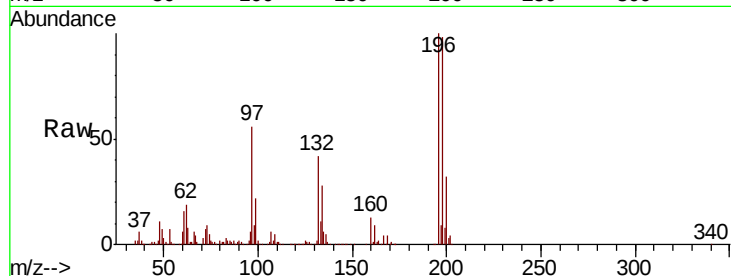




#43
 2,4,6-Trichlorophenol
 Concen: 55.265 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

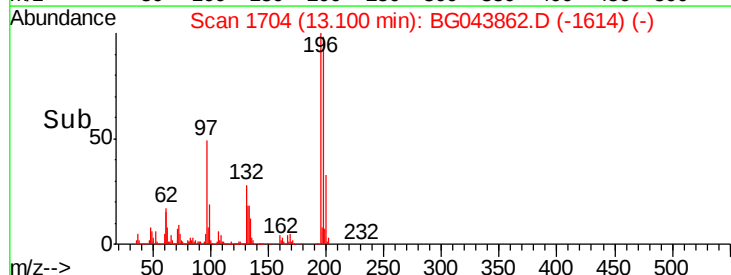
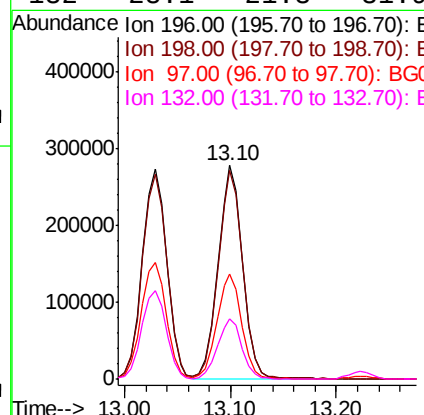
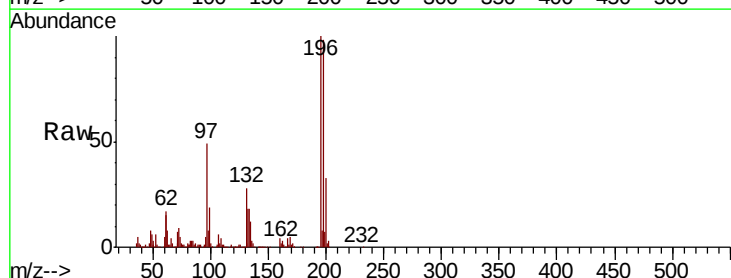
Instrument :
 BNA_G
 ClientSampleId :

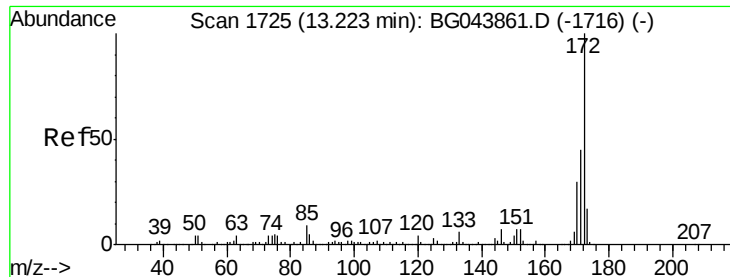
Tot Ion:196 Resp: 439523
 Ion Ratio Lower Upper
 196 100
 198 98.0 76.6 115.0
 200 31.5 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 54.949 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

Tgt Ion:196 Resp: 447682
 Ion Ratio Lower Upper
 196 100
 198 97.8 78.3 117.5
 97 49.1 38.8 58.2
 132 28.1 21.3 31.9



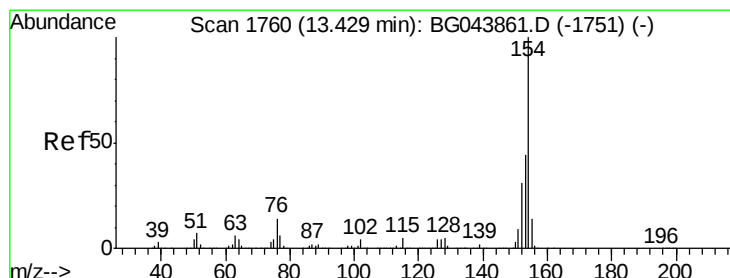
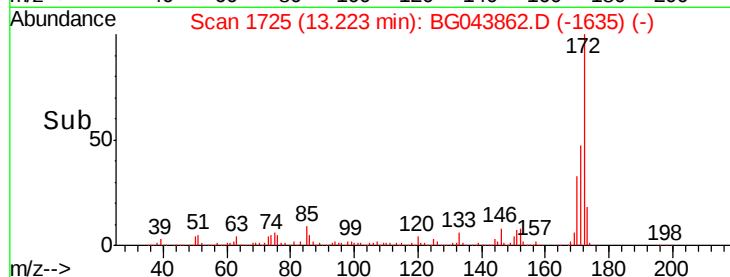
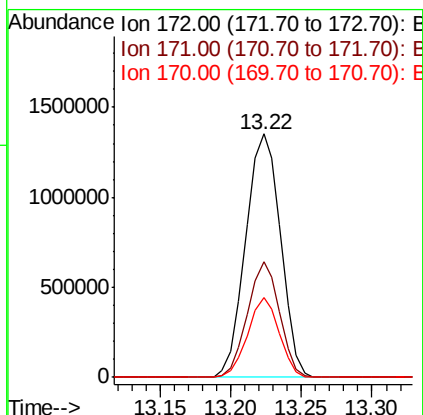
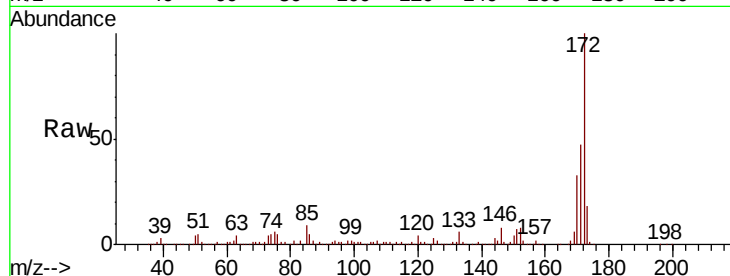


#45
 2-Fluorobiphenyl
 Concen: 106.062 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 2347918

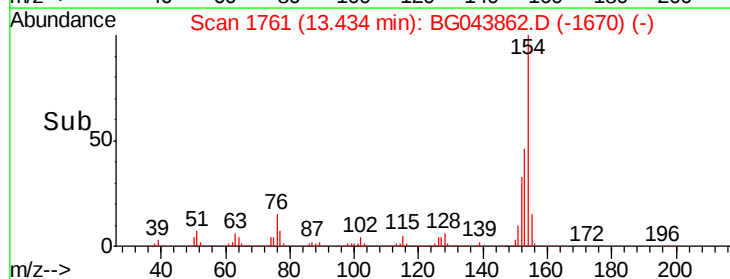
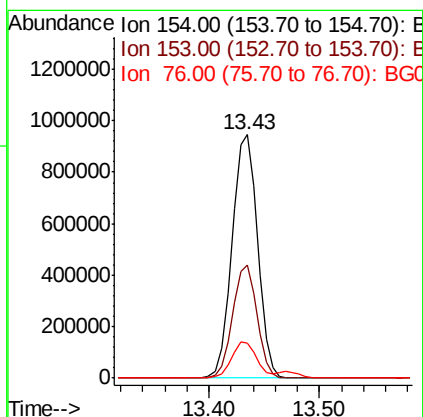
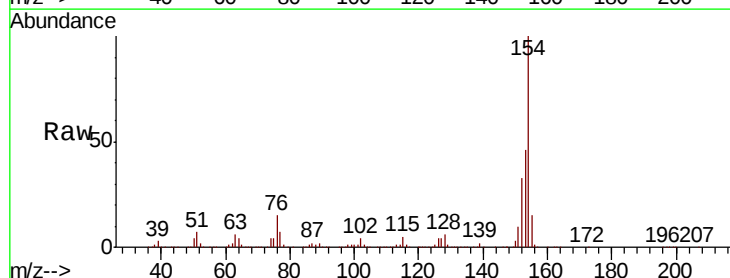
Ion	Ratio	Lower	Upper
172	100		
171	47.4	35.8	53.8
170	32.6	24.2	36.4

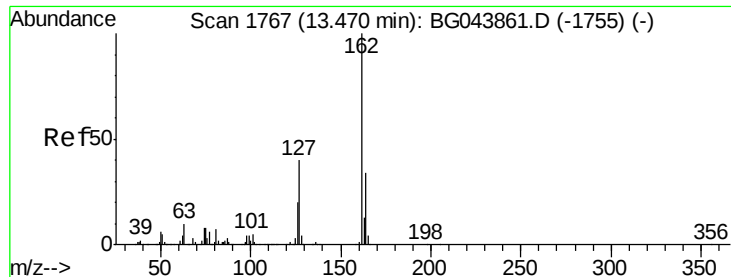


#46
 1,1'-Biphenyl
 Concen: 53.966 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. 0.01 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

Tgt Ion:154 Resp: 1531536

Ion	Ratio	Lower	Upper
154	100		
153	46.4	23.6	63.6
76	14.6	0.0	34.4

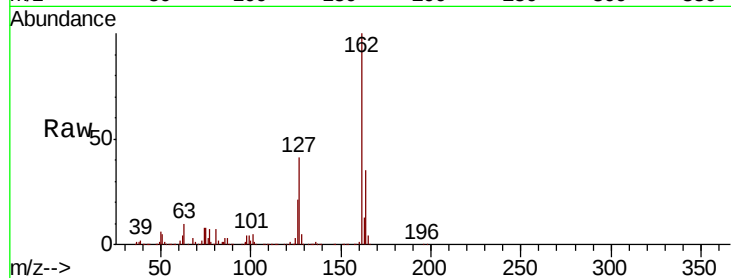




#47
2-Chloronaphthalene
Concen: 53.893 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.1	48.1
164	35.5	27.5	41.3

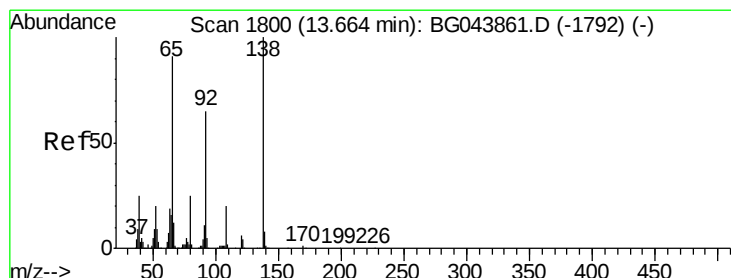
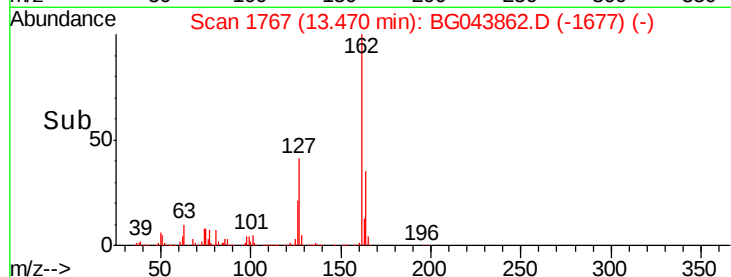
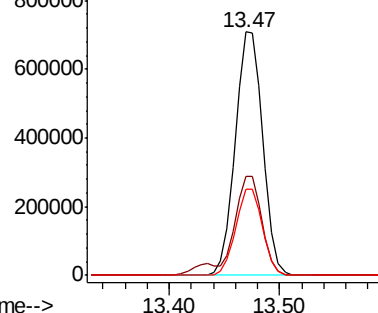


Abundance

Ion 162.00 (161.70 to 162.70): E

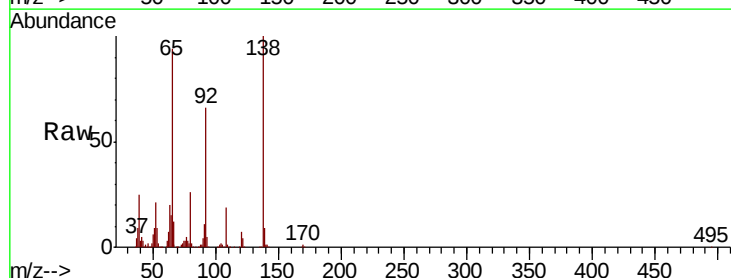
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 54.428 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	57.4	86.2
138	106.2	88.2	132.4

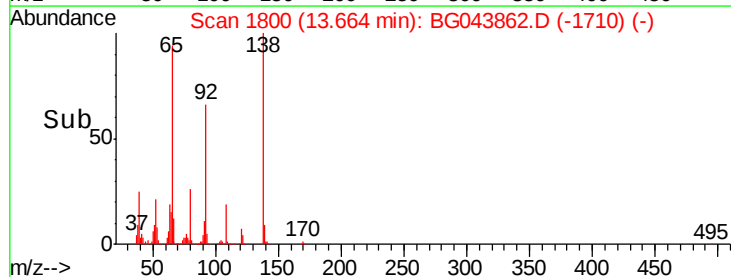
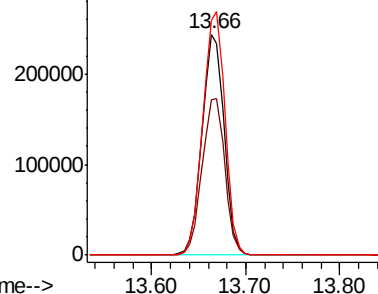


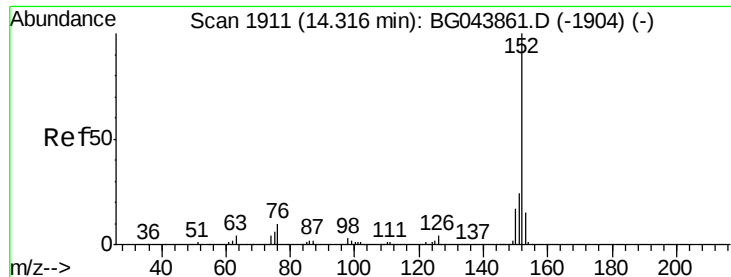
Abundance

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: 53.145 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

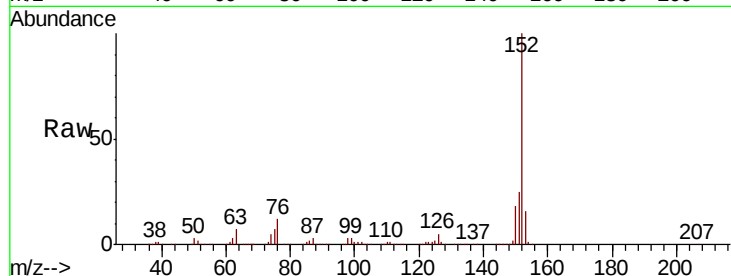
Instrument :

BNA_G

ClientSampled :

Tot Ion:152 Resp: 1762925

Ion	Ratio	Lower	Upper
152	100		
151	25.0	19.4	29.2
153	15.7	12.0	18.0

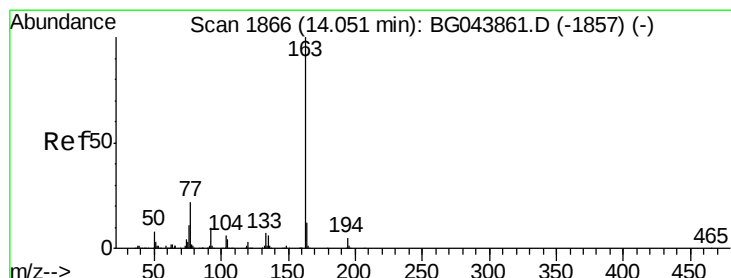
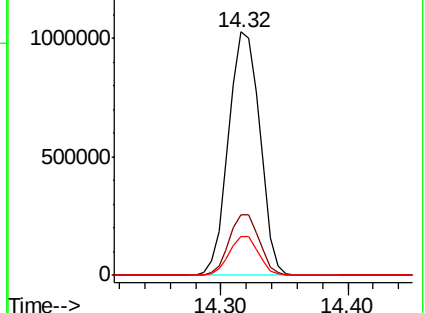
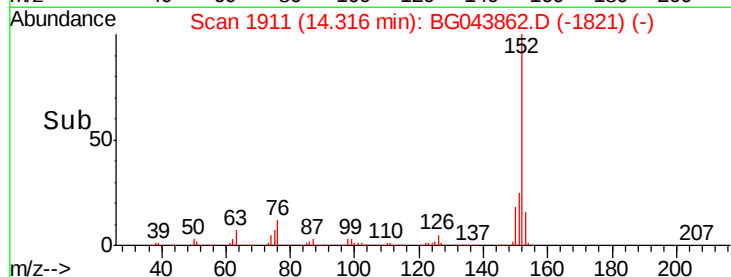


Abundance

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: 53.219 ng

RT: 14.05 min Scan# 1866

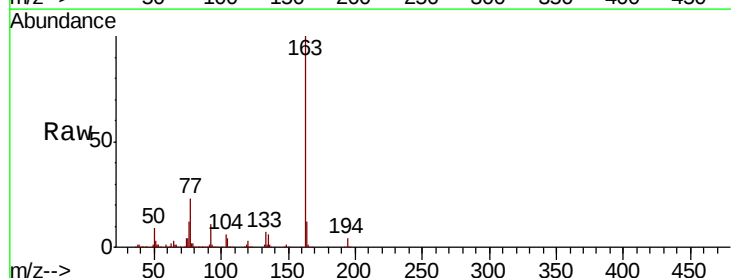
Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Tgt Ion:163 Resp: 1503232

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	11.9	9.3	13.9

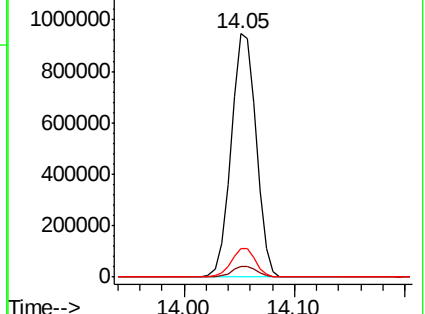
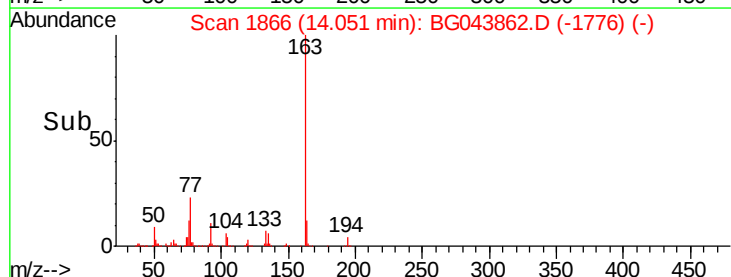


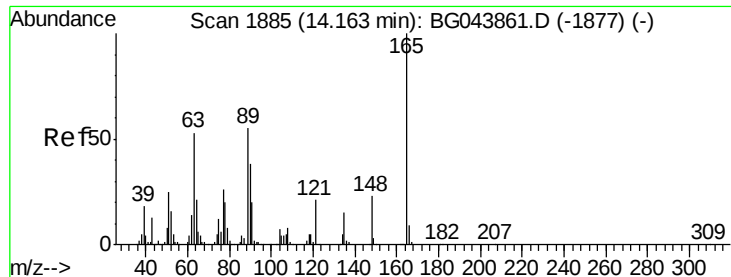
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 53.873 ng

RT: 14.16 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampleId :

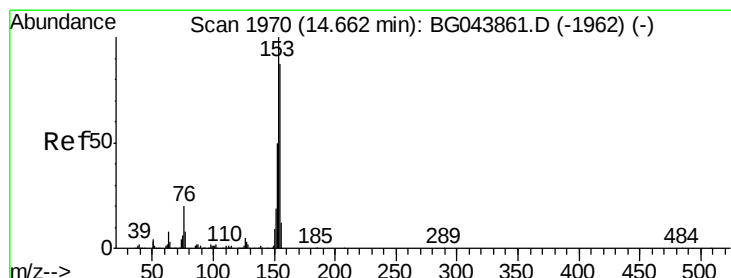
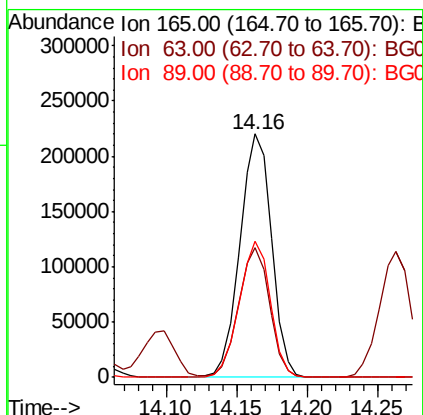
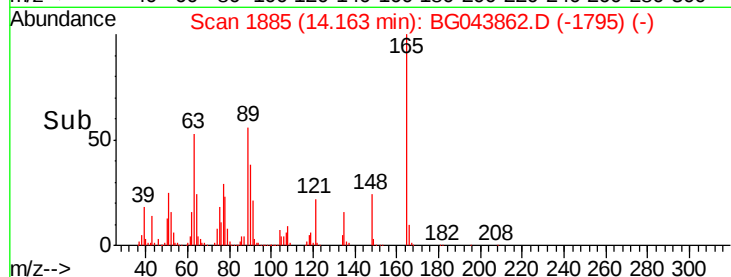
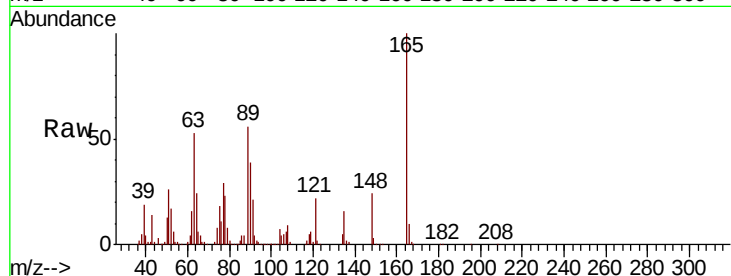
Tot Ion:165 Resp: 343946

Ion Ratio Lower Upper

165 100

63 53.4 43.1 64.7

89 55.9 43.8 65.6



#52

Acenaphthene

Concen: 54.332 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

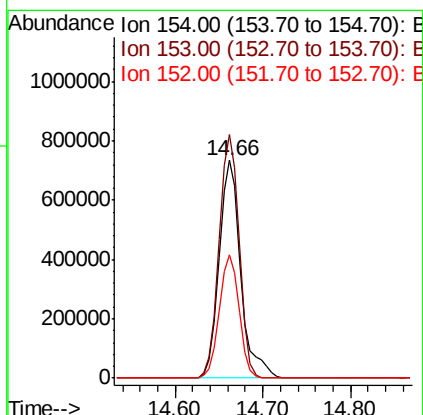
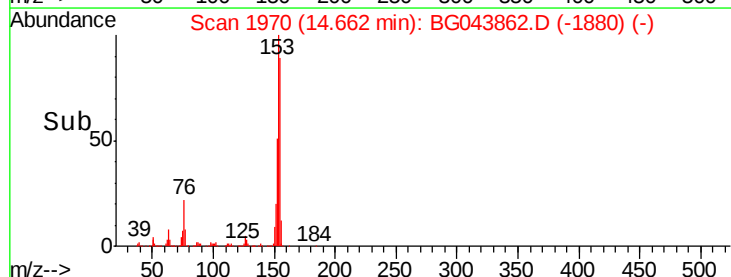
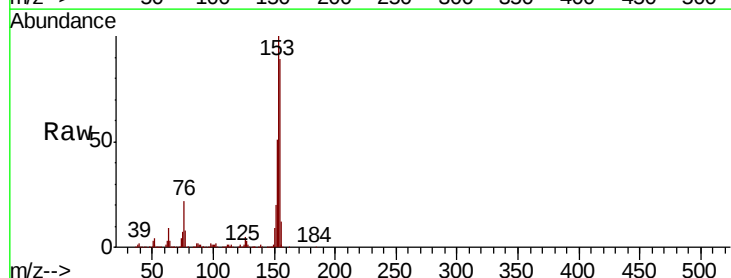
Tgt Ion:154 Resp: 1259148

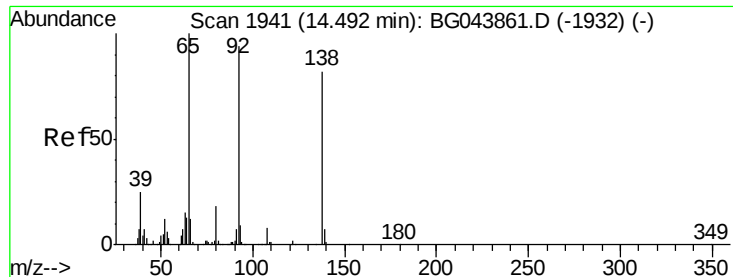
Ion Ratio Lower Upper

154 100

153 111.9 91.6 137.4

152 57.0 45.4 68.0

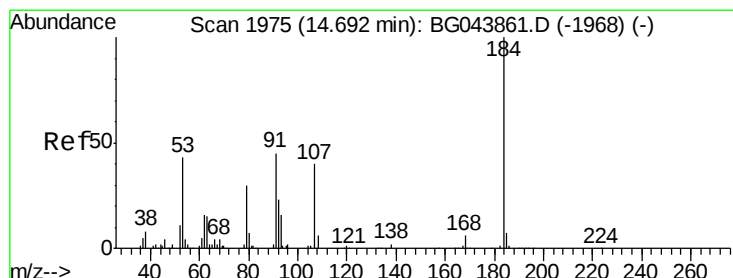
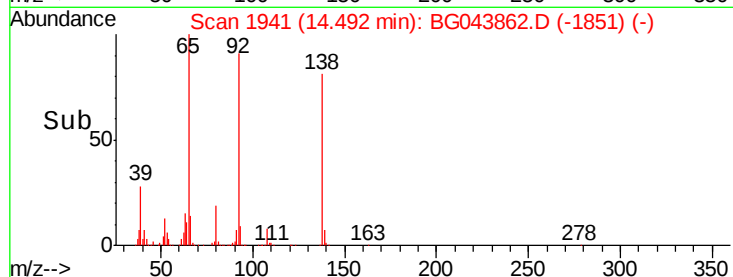
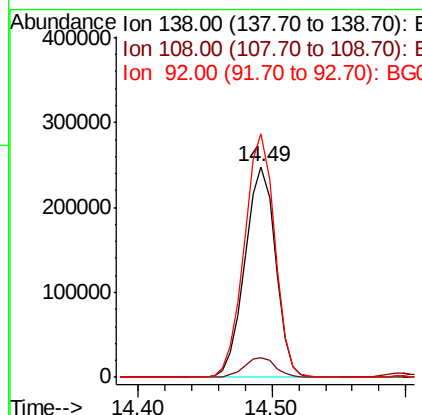
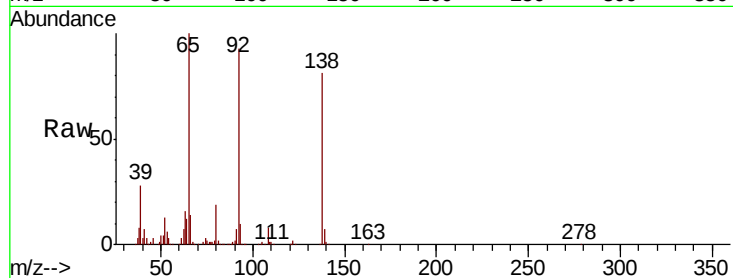




#53
3-Nitroaniline
Concen: 54.413 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

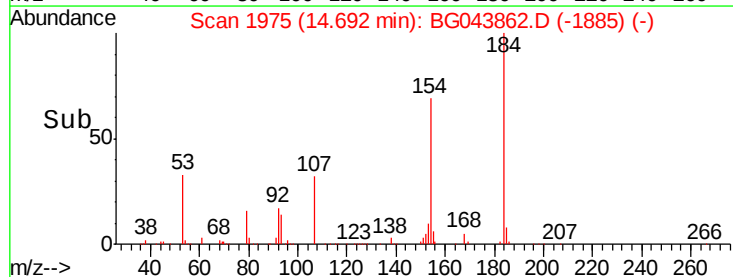
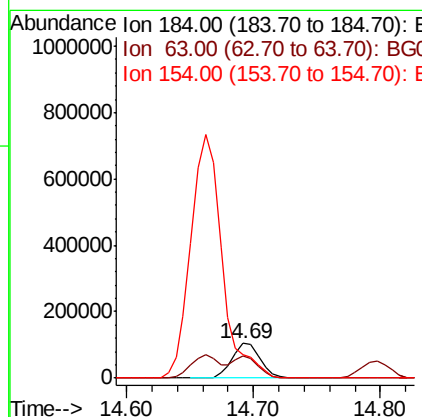
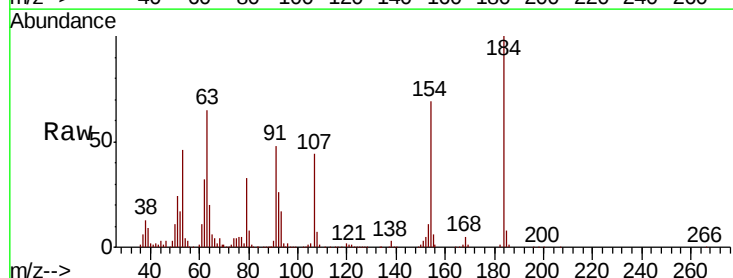
Instrument :
BNA_G
ClientSampleId :

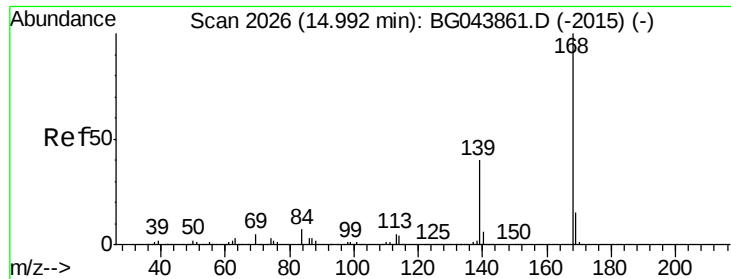
Tot Ion:138 Resp: 392803
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.2
92 115.4 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 57.513 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

Tgt Ion:184 Resp: 162574
Ion Ratio Lower Upper
184 100
63 65.2 46.6 70.0
154 69.2 50.2 75.4





#55

Dibenzofuran

Concen: 52.972 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampled :

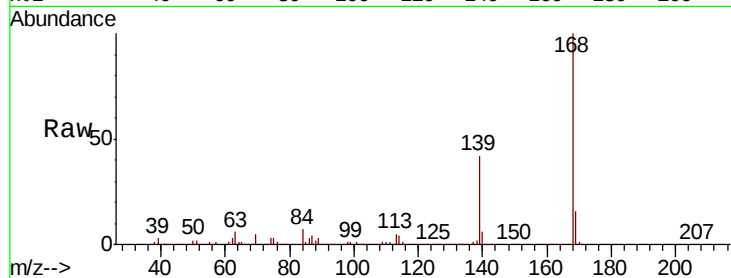
Tot Ion:168 Resp: 1696134

Ion Ratio Lower Upper

168 100

139 42.2 32.2 48.2

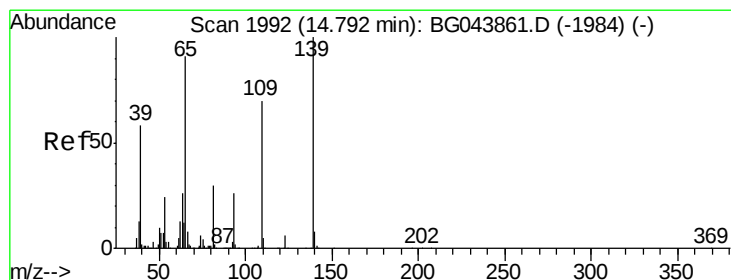
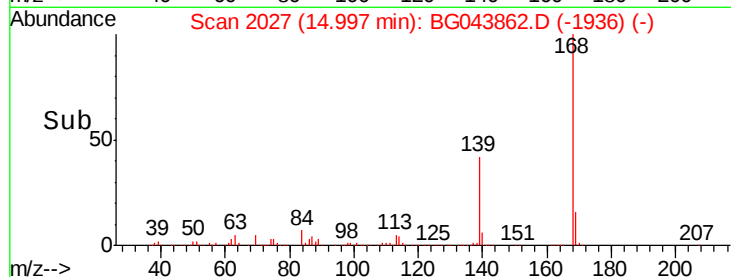
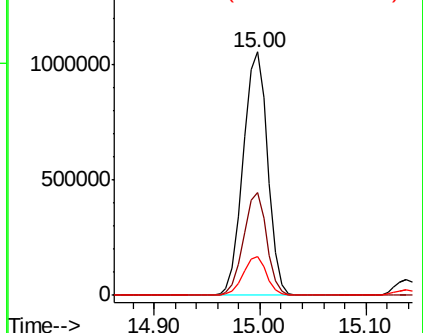
169 16.1 12.2 18.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 54.581 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.01 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

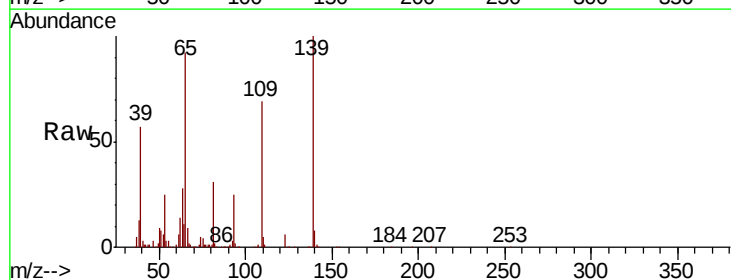
Tgt Ion:139 Resp: 302158

Ion Ratio Lower Upper

139 100

109 69.2 50.4 90.4

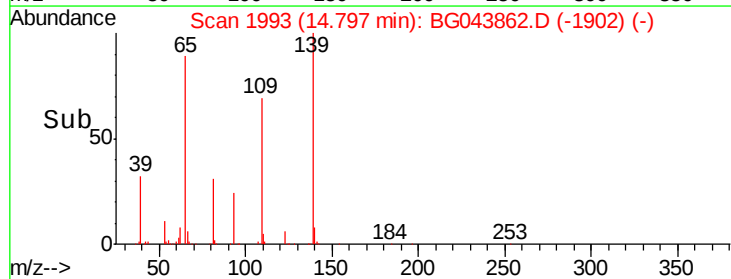
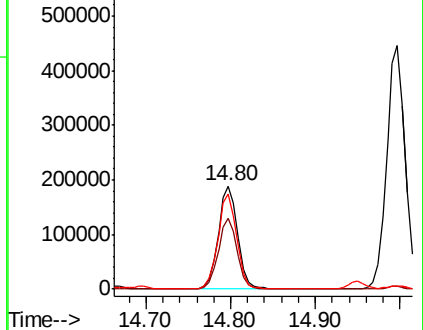
65 92.1 71.4 111.4

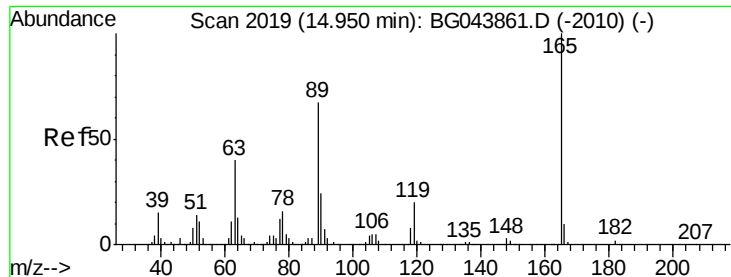


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

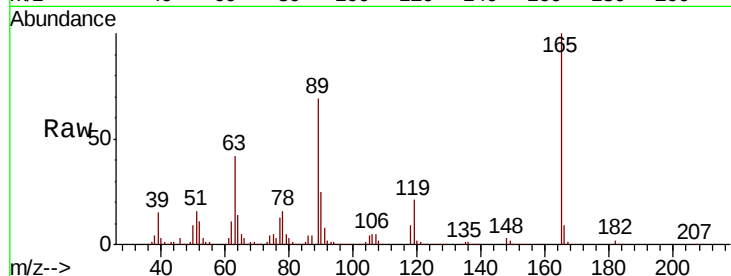




#57
 2,4-Dinitrotoluene
 Concen: 54.089 ng
 RT: 14.95 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.6	31.9	47.9
89	69.1	53.8	80.6
182	2.4	2.0	3.0



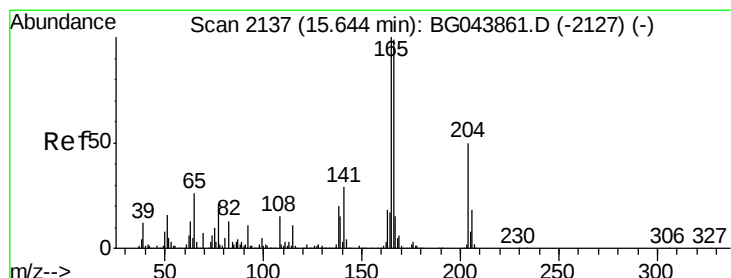
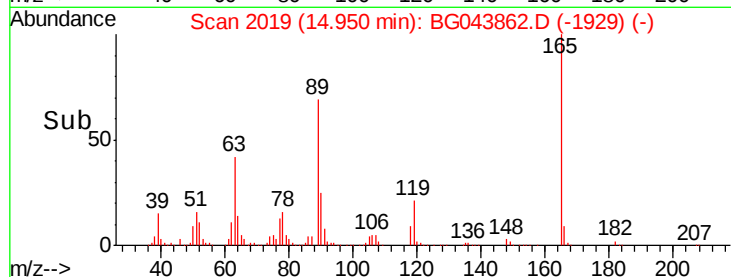
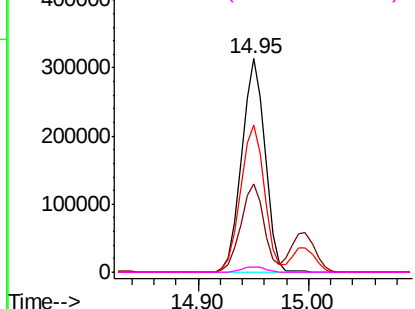
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

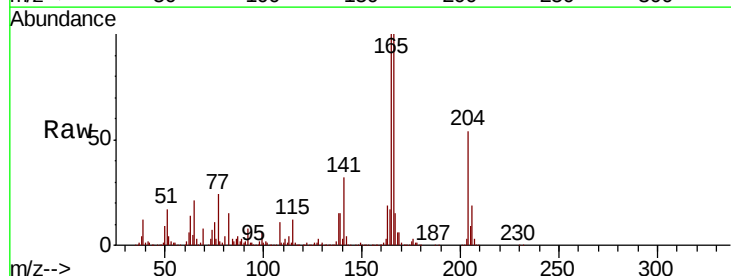
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 52.834 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	80.8	121.2
167	15.5	12.1	18.1

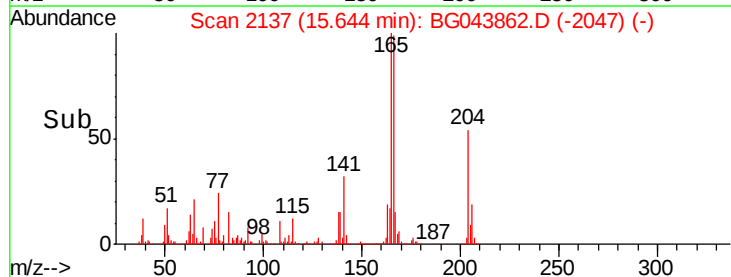
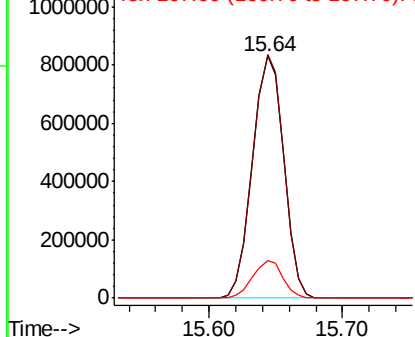


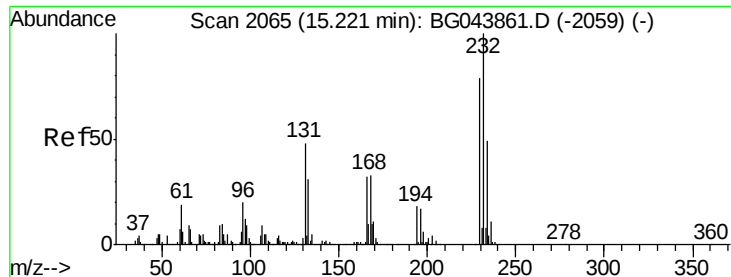
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

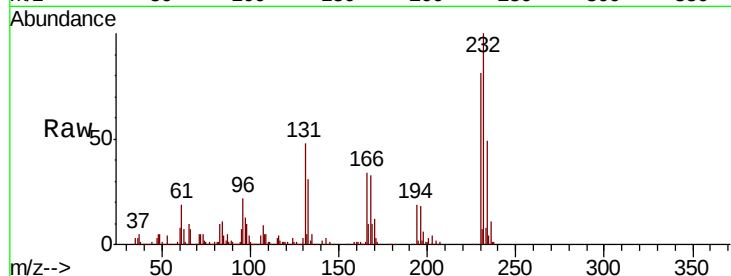




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.784 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.7	38.2	57.2
130	2.7	2.2	3.2
166	33.5	26.4	39.6



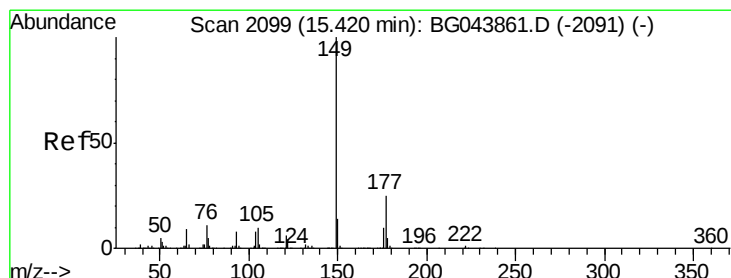
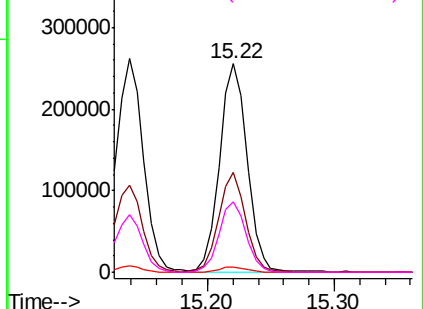
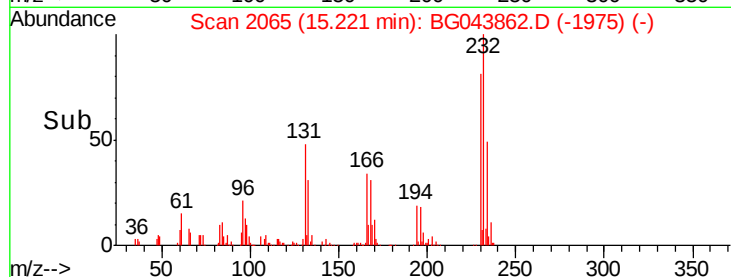
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

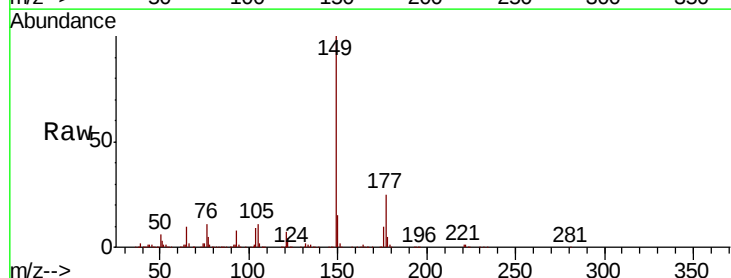
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 53.057 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.5	20.0	30.0
150	14.6	11.1	16.7

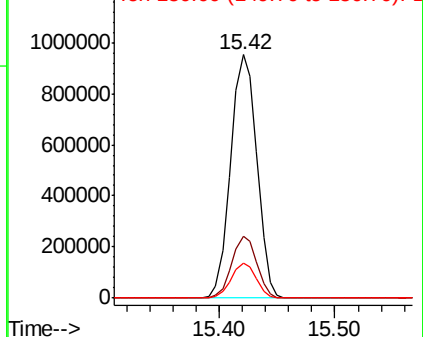
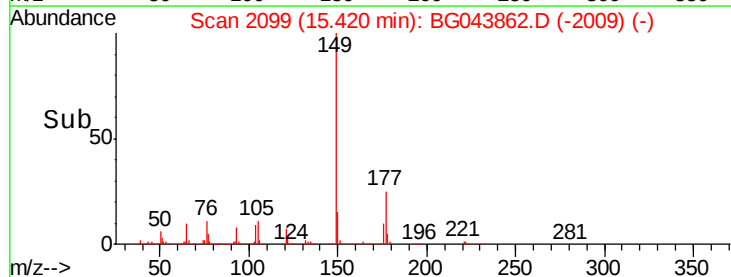


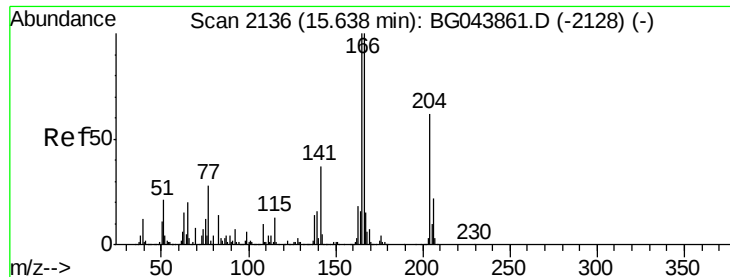
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

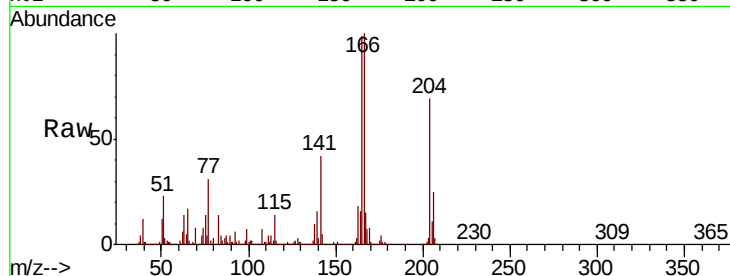




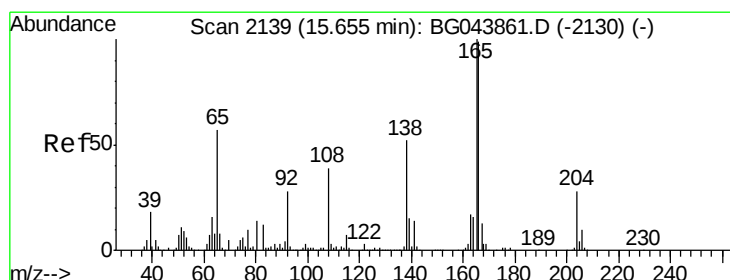
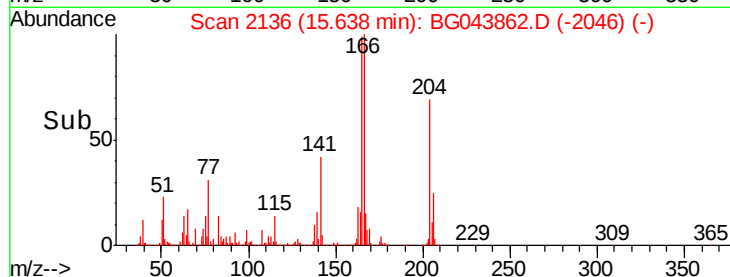
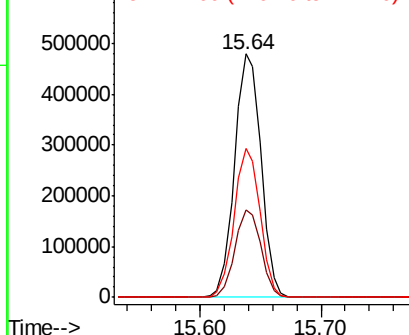
#61
4-Chlorophenyl-phenylether
Concen: 53.557 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 731300
Ion Ratio Lower Upper
204 100
206 35.8 28.2 42.2
141 61.0 48.2 72.2

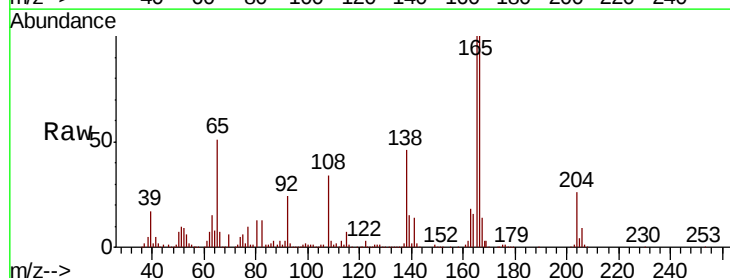


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

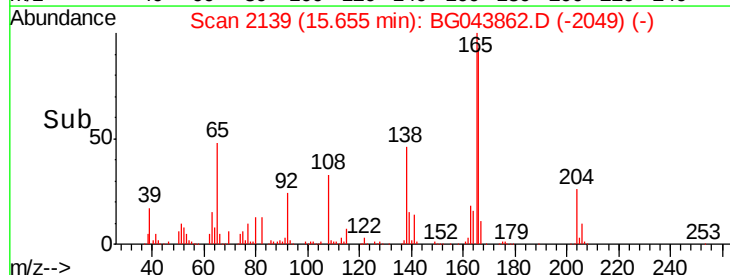
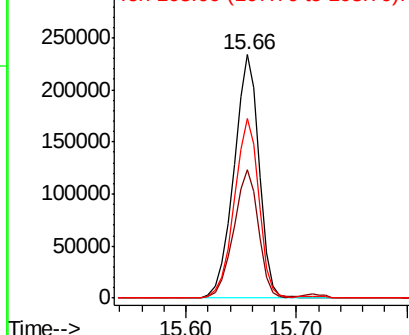


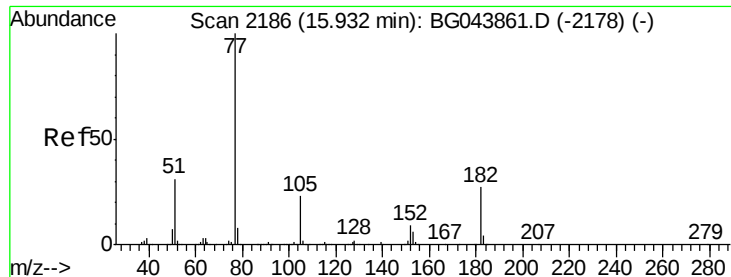
#62
4-Nitroaniline
Concen: 52.731 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

Tgt Ion:138 Resp: 373352
Ion Ratio Lower Upper
138 100
92 52.5 34.3 74.3
108 74.0 55.0 95.0



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





#63

Azobenzene

Concen: 53.056 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 1390200

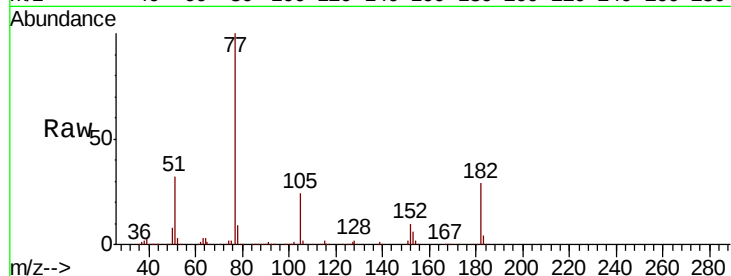
Ion	Ratio	Lower	Upper
77	100		
182	28.5	7.3	47.3
105	24.5	3.2	43.2
51	32.0	10.6	50.6

77 100

182 28.5 7.3 47.3

105 24.5 3.2 43.2

51 32.0 10.6 50.6

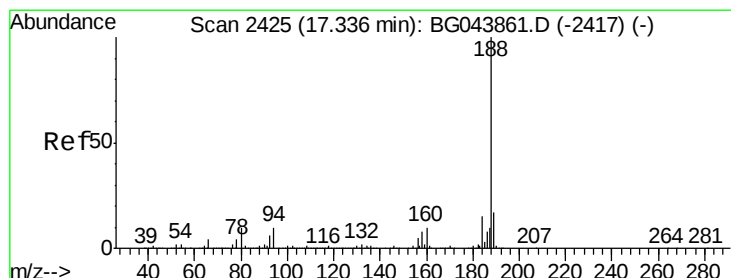
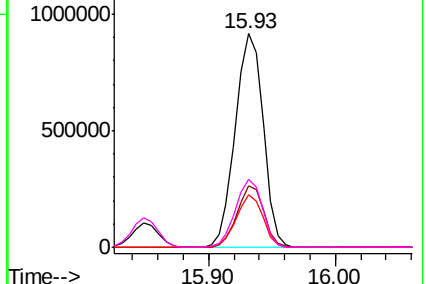
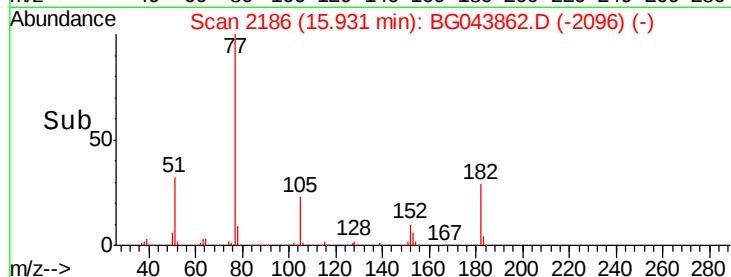


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2426

Delta R.T. 0.01 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

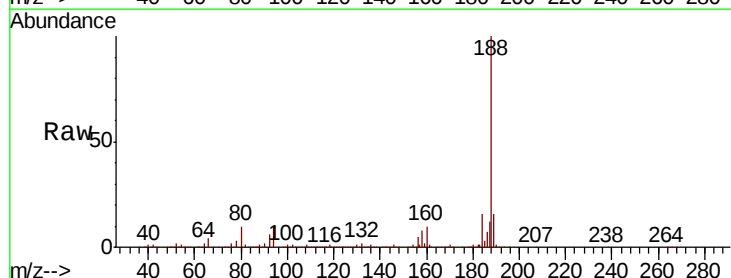
Tgt Ion: 188 Resp: 773816

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.9	11.9
80	10.4	8.2	12.4

188 100

94 9.5 7.9 11.9

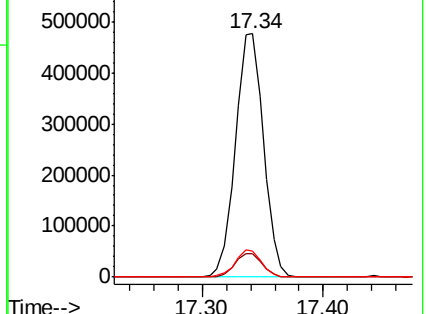
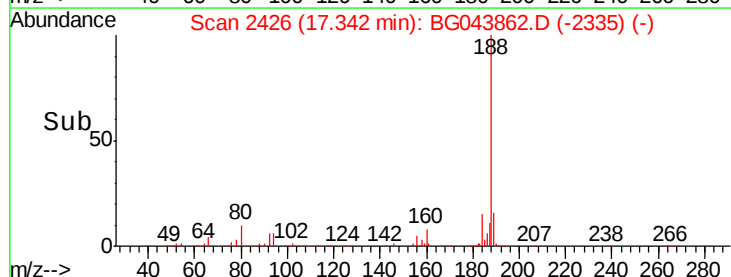
80 10.4 8.2 12.4

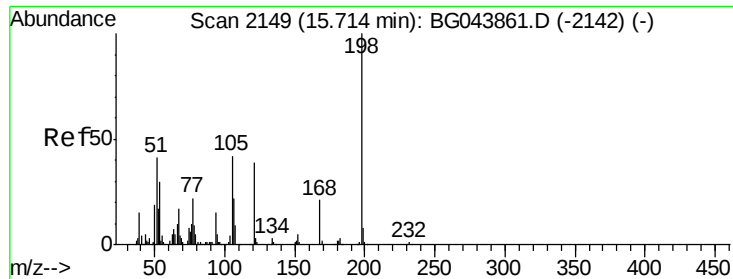


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

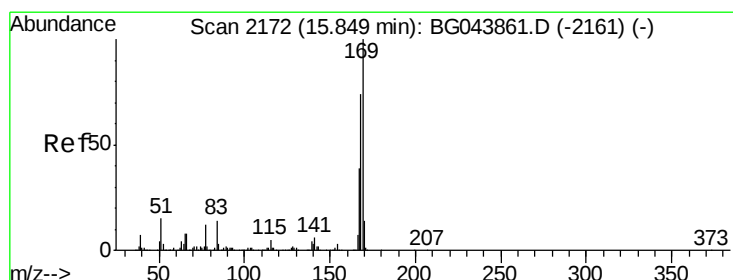
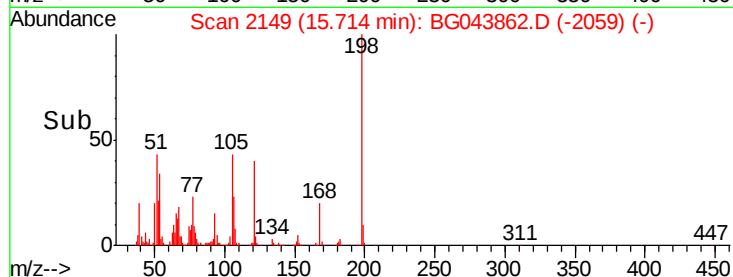
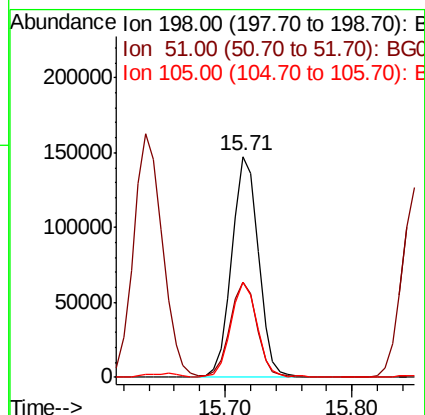
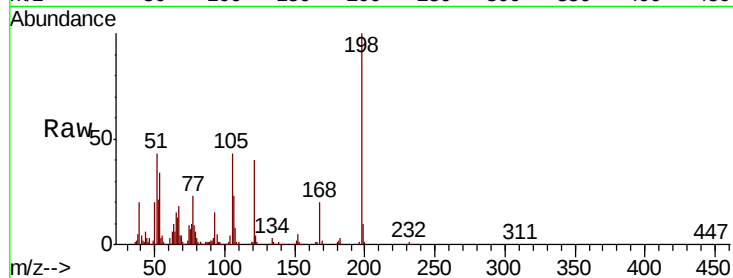




#65
 4,6-Dinitro-2-methylphenol
 Concen: 58.180 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

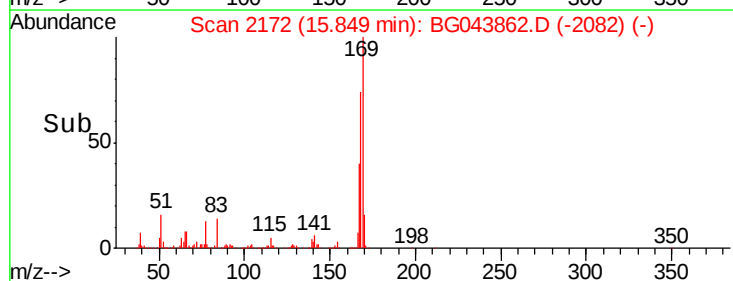
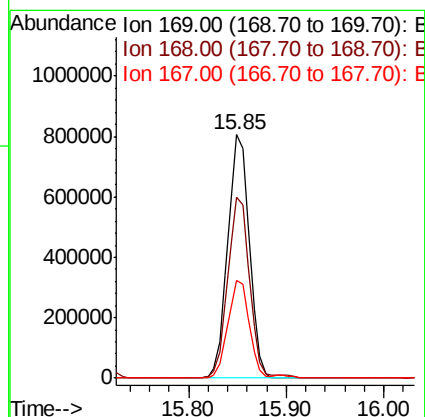
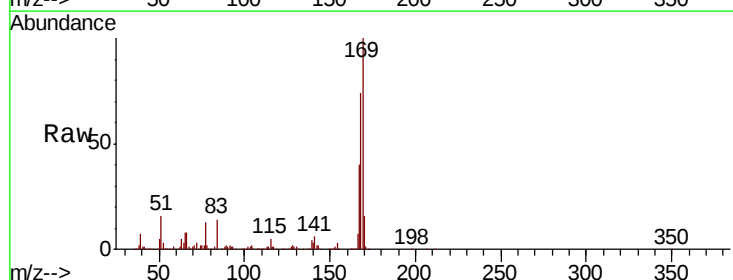
Instrument :
 BNA_G
 ClientSampleId :

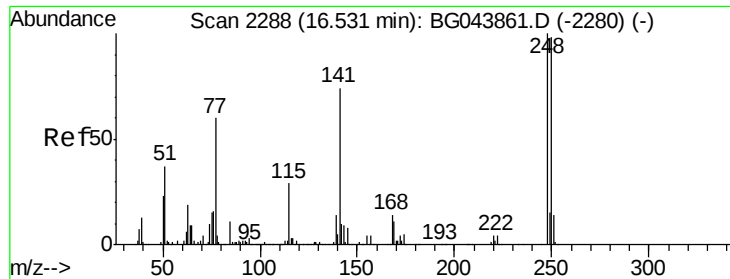
Tot Ion	Ratio	Lower	Upper
198	100		
51	43.2	22.5	62.5
105	42.8	22.3	62.3



#66
 n-Nitrosodiphenylamine
 Concen: 54.341 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

Tgt Ion	Ratio	Lower	Upper
169	100		
168	74.5	59.0	88.6
167	40.0	31.4	47.0

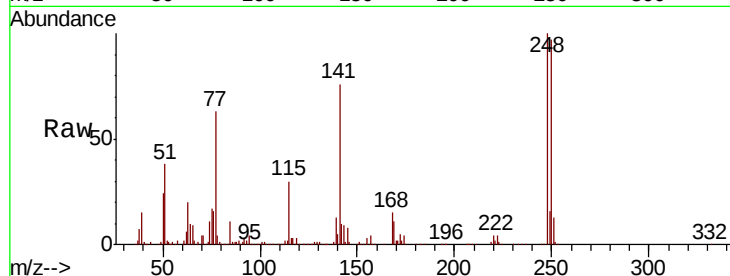




#67
4-Bromophenyl-phenylether
Concen: 54.720 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.2	117.2
141	76.0	59.3	88.9

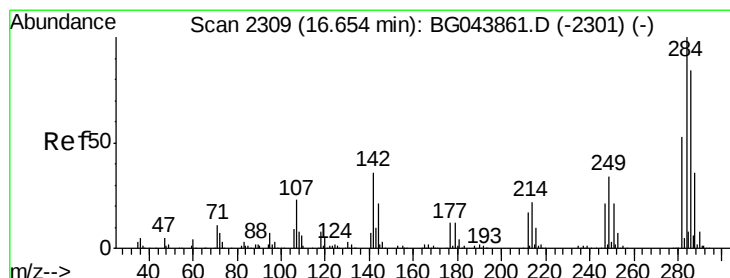
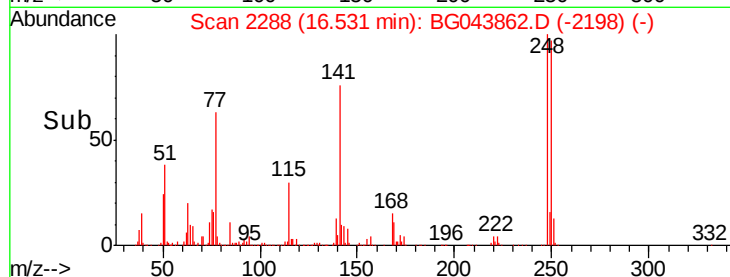
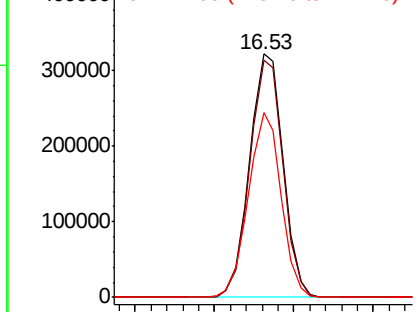


Abundance

Ion 248.00 (247.70 to 248.70): E

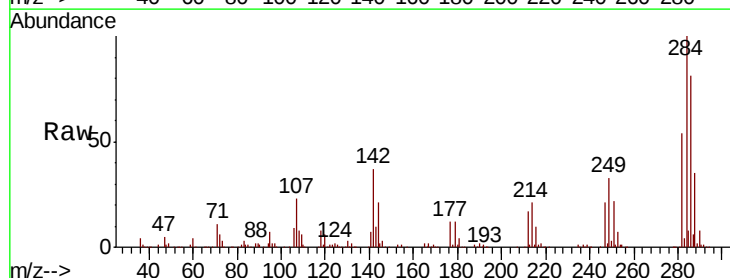
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 54.009 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.1	28.6	43.0
249	32.8	27.0	40.6

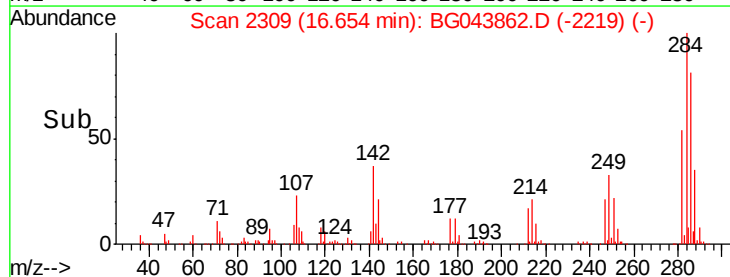
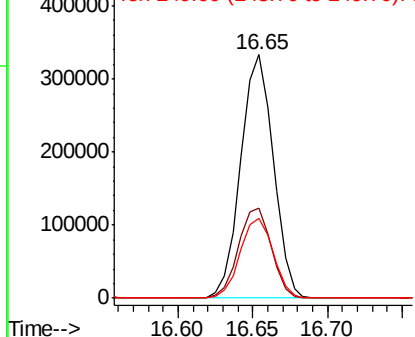


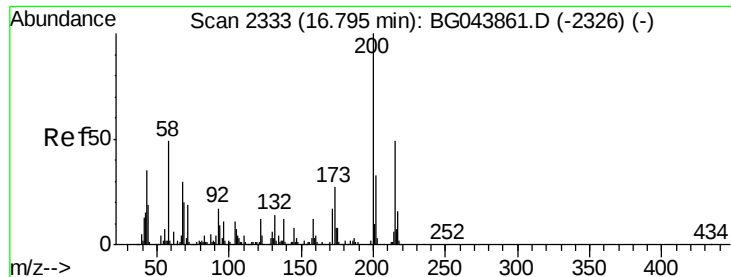
Abundance

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: 53.134 ng

RT: 16.80 min Scan# 2334

Delta R.T. 0.01 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampleId :

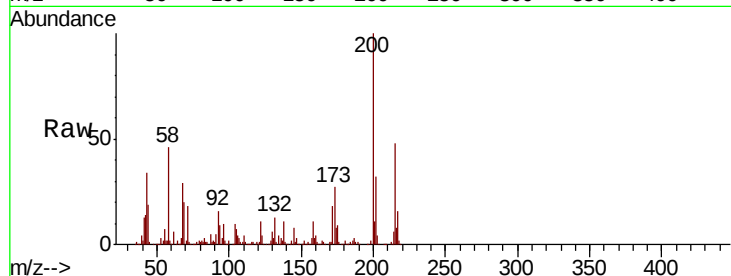
Tot Ion:200 Resp: 396467

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

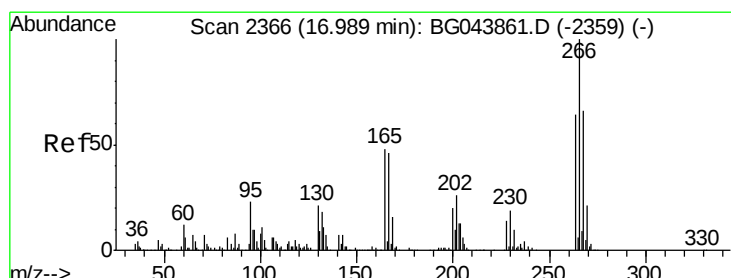
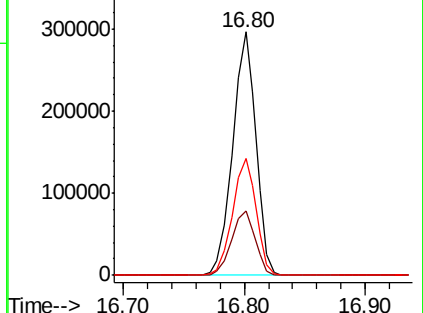
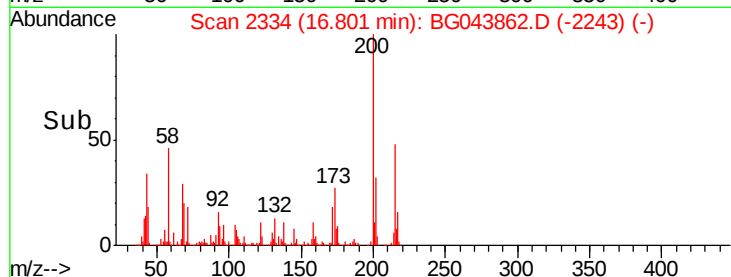
215 48.3 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 56.883 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

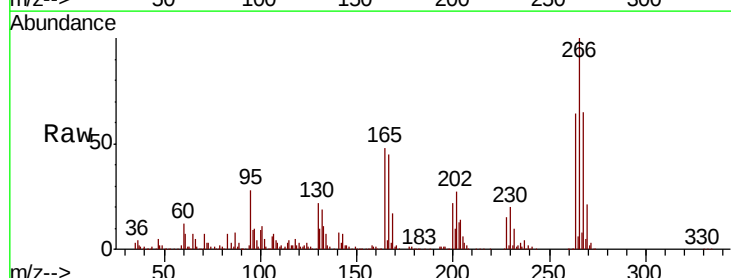
Tgt Ion:266 Resp: 291328

Ion Ratio Lower Upper

266 100

268 65.4 52.6 79.0

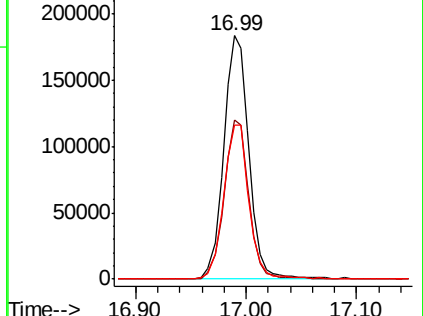
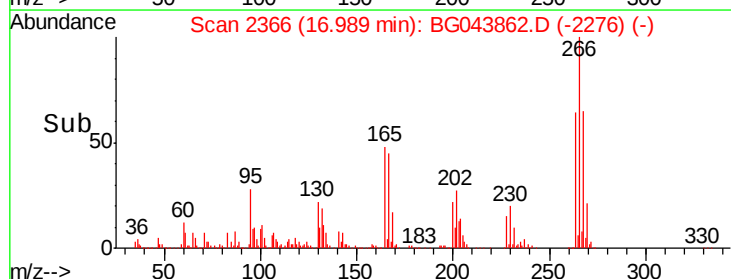
264 63.5 50.8 76.2

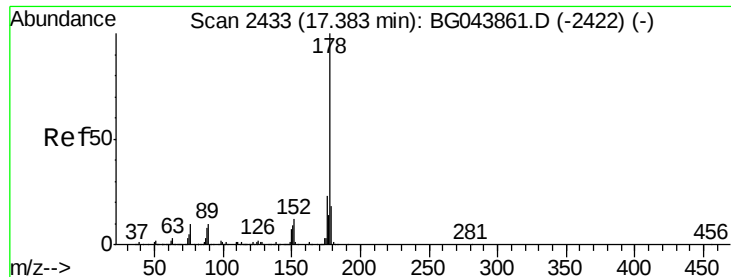


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

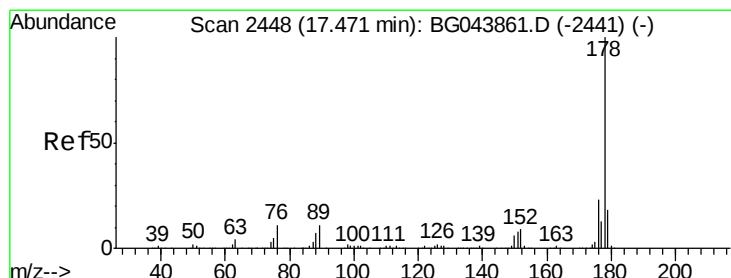
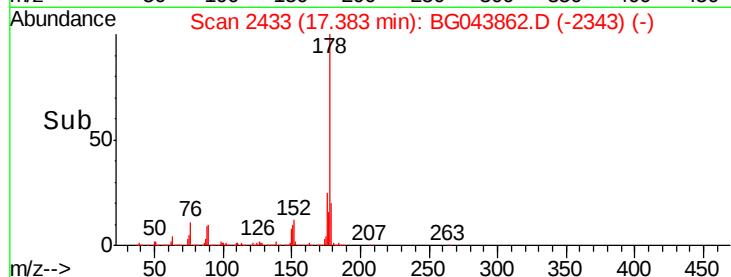
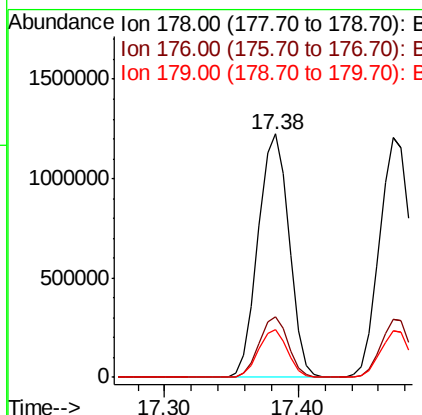
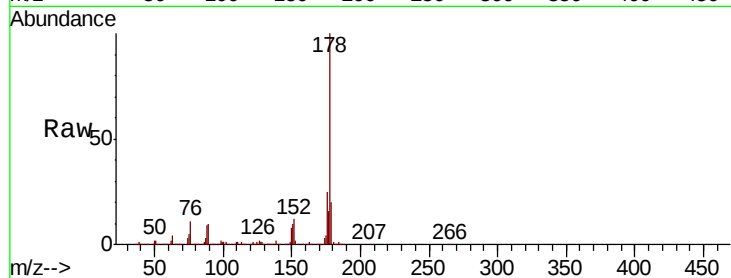




#71
Phenanthrene
Concen: 52.894 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

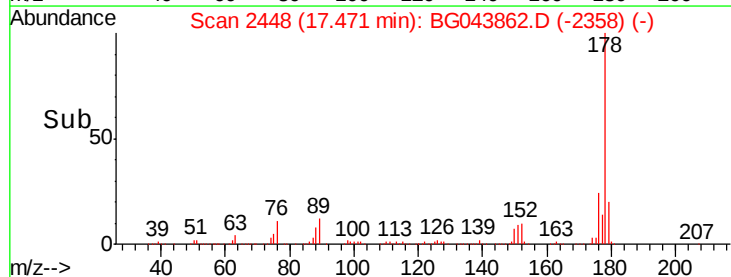
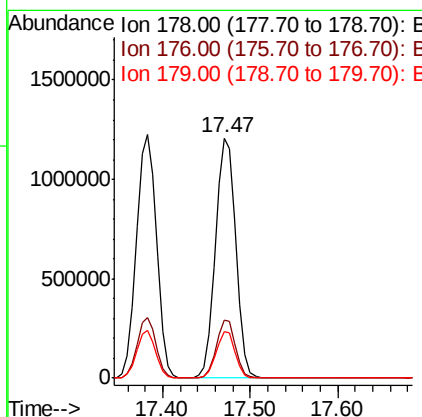
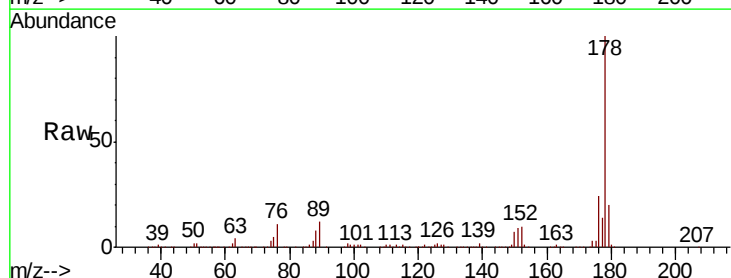
Instrument :
BNA_G
ClientSampleId :

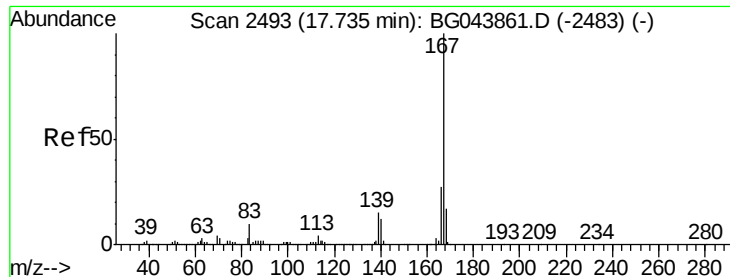
Tot Ion:178 Resp: 1963970
Ion Ratio Lower Upper
178 100
176 25.0 18.6 28.0
179 19.7 14.4 21.6



#72
Anthracene
Concen: 53.045 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

Tgt Ion:178 Resp: 1949915
Ion Ratio Lower Upper
178 100
176 24.2 18.3 27.5
179 19.5 14.6 22.0



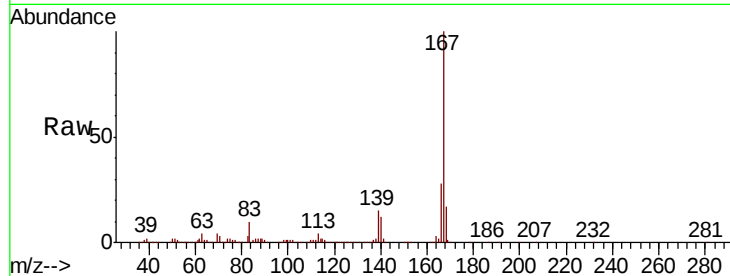


#73
 Carbazole
 Concen: 53.241 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

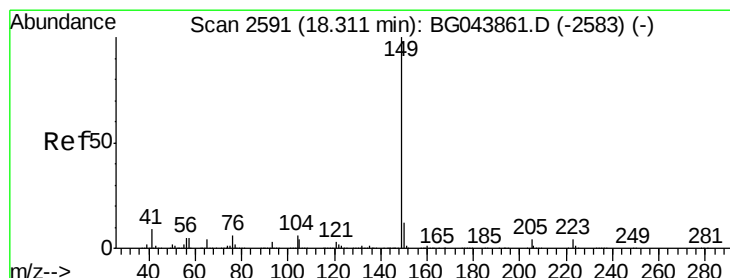
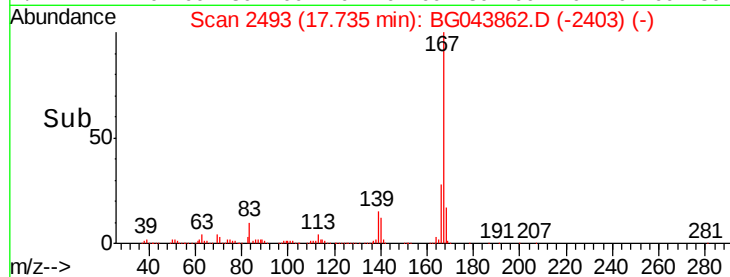
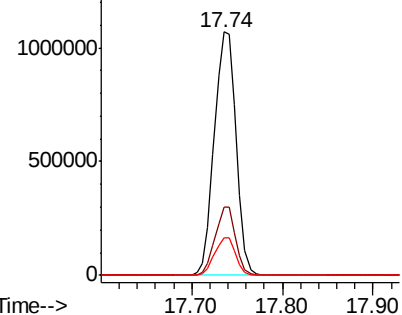
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1789937

Ion	Ratio	Lower	Upper
167	100		
166	28.0	21.6	32.4
139	15.5	12.1	18.1



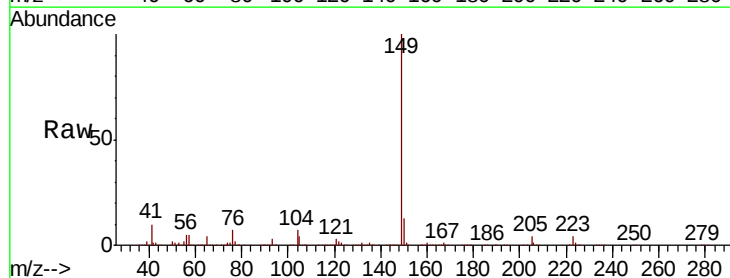
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



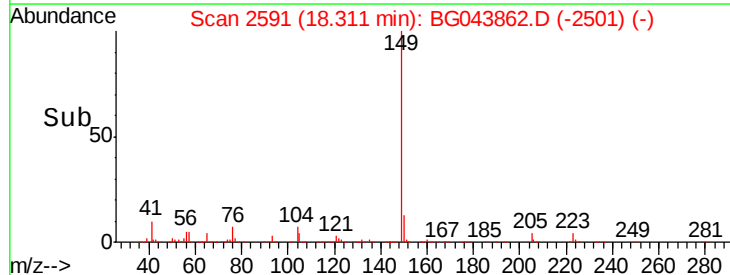
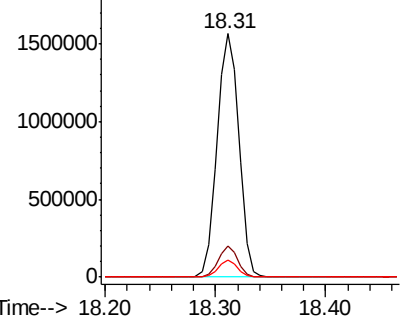
#74
 Di-n-butylphthalate
 Concen: 53.589 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

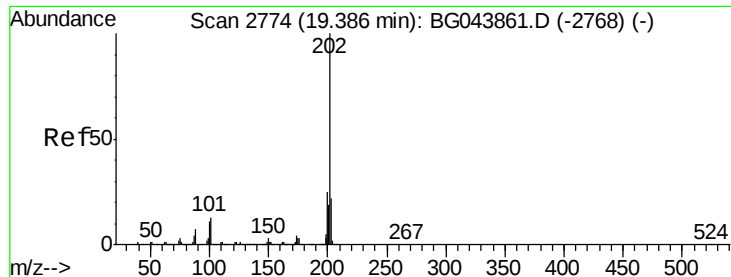
Tgt Ion:149 Resp: 2166714

Ion	Ratio	Lower	Upper
149	100		
150	13.0	9.7	14.5
104	6.8	5.0	7.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 53.132 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampleId :

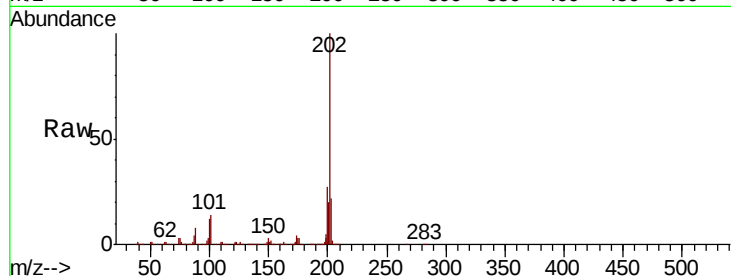
Tot Ion:202 Resp: 2127504

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.3

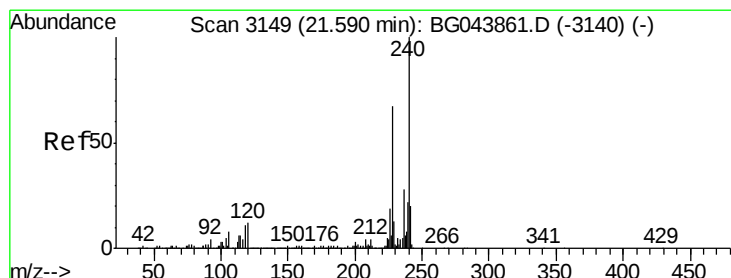
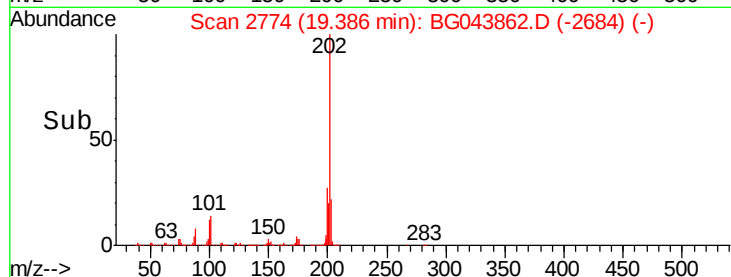
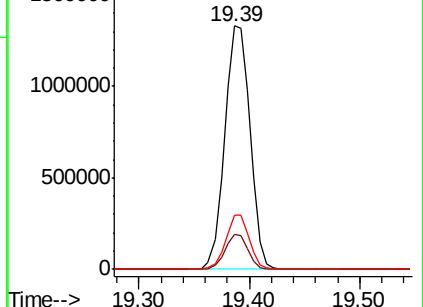
203 22.2 1.6 41.6



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: BG043862.D

Acq: 30 Dec 2019 11:25

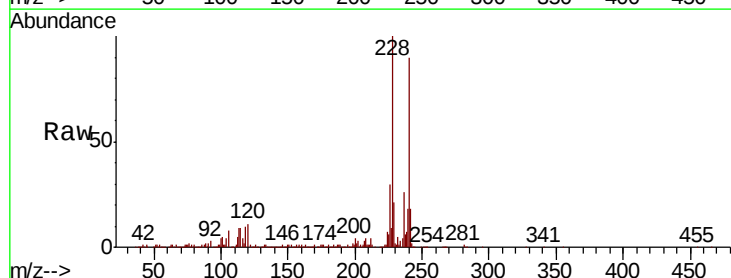
Tgt Ion:240 Resp: 643127

Ion Ratio Lower Upper

240 100

120 12.4 9.6 14.4

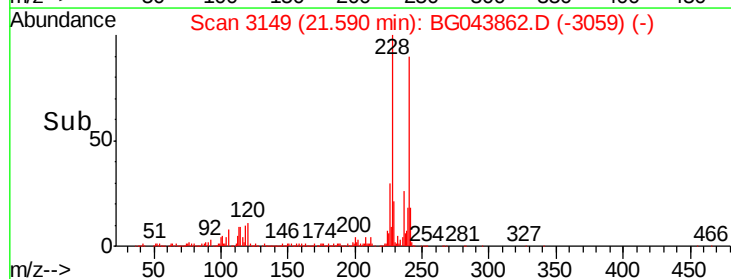
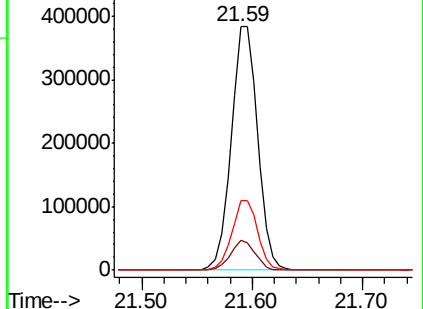
236 28.5 22.2 33.2

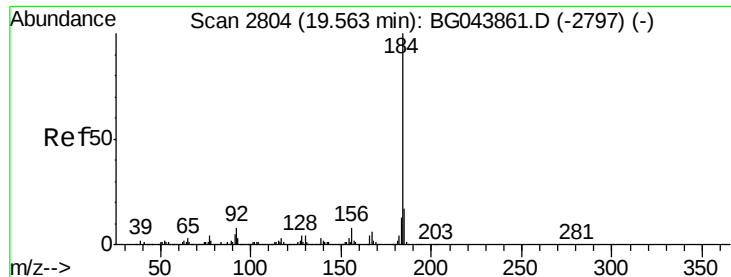


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 55.643 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampleId :

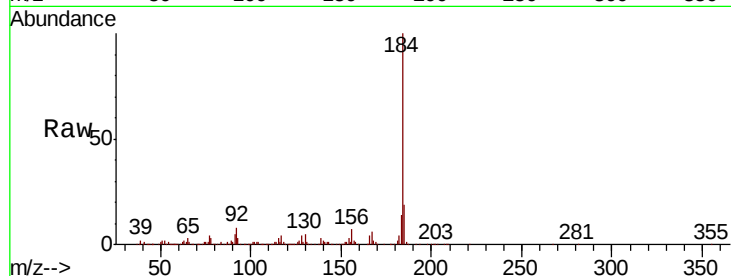
Tot Ion:184 Resp: 955165

Ion Ratio Lower Upper

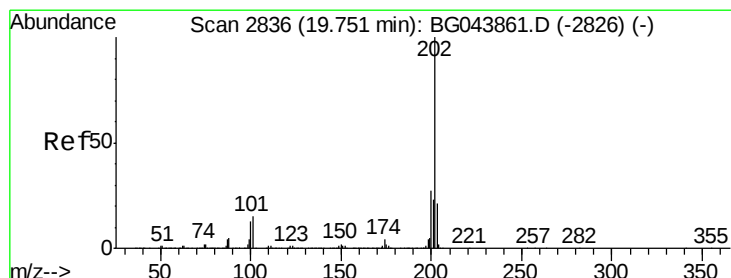
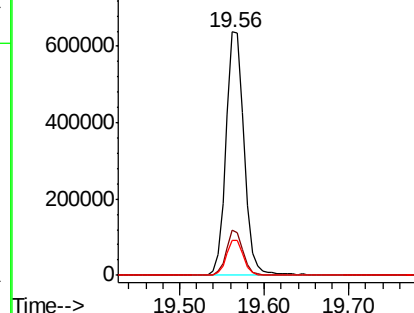
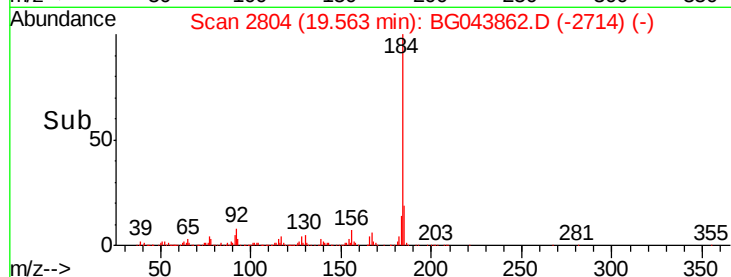
184 100

185 18.7 13.4 20.0

183 14.2 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: 52.363 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

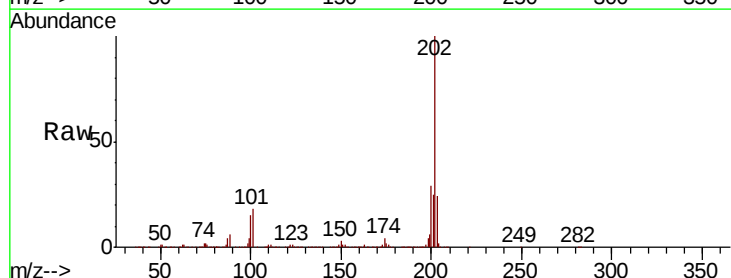
Tgt Ion:202 Resp: 2116430

Ion Ratio Lower Upper

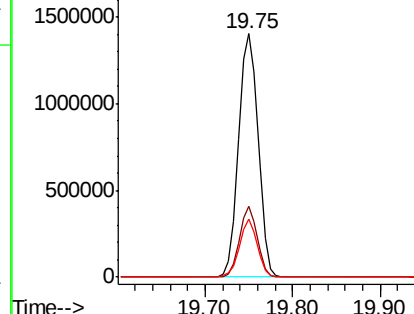
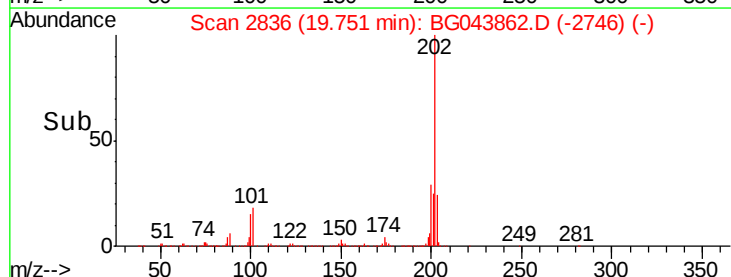
202 100

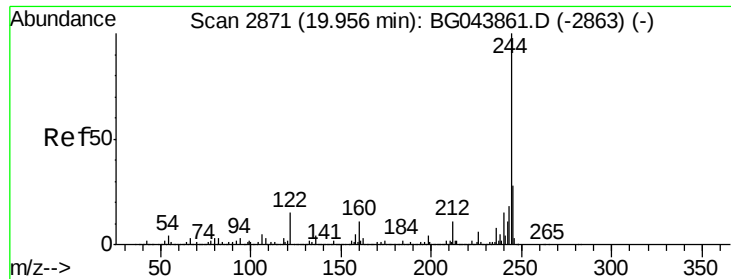
200 29.2 21.7 32.5

203 23.8 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

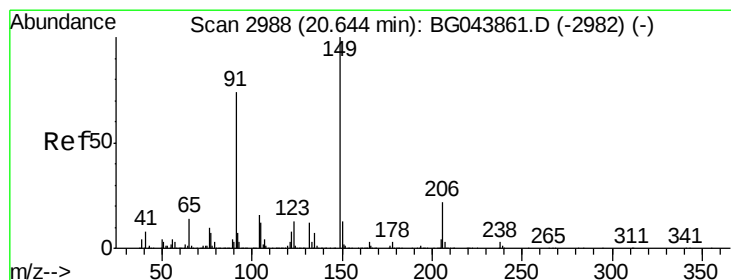
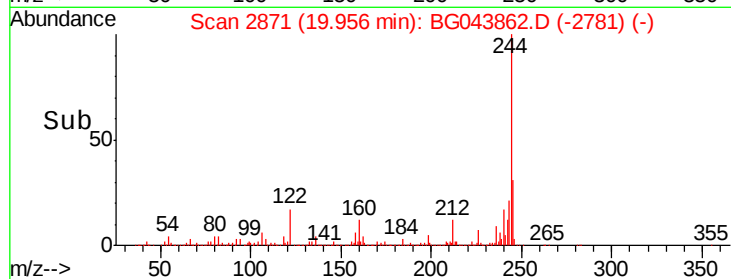
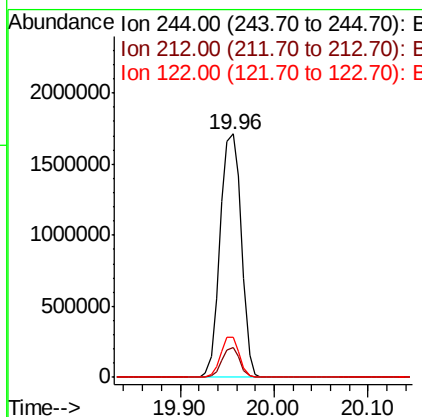
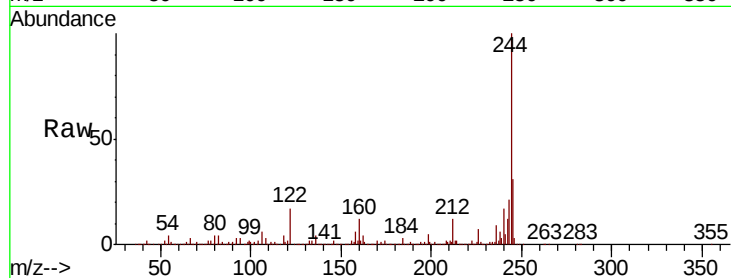




#79
 Terphenyl-d14
 Concen: 93.398 ng
 RT: 19.96 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

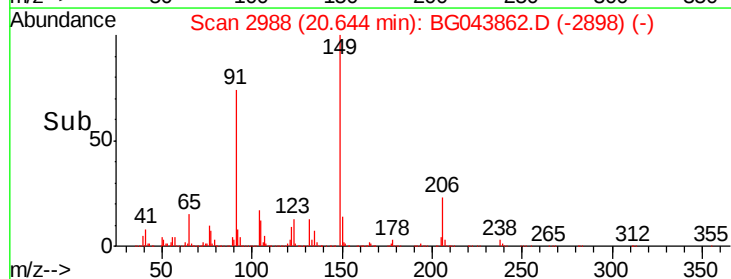
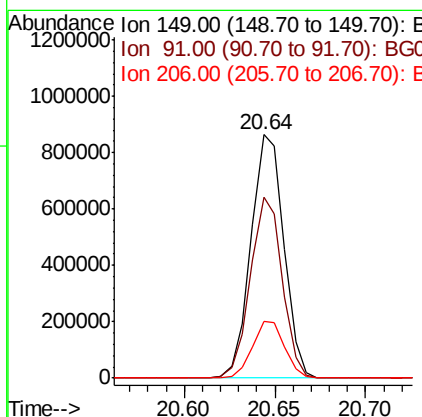
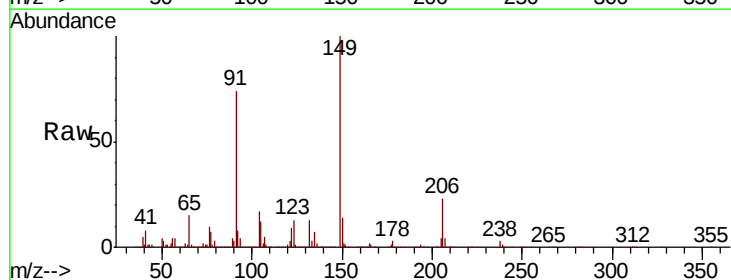
Instrument :
 BNA_G
 ClientSampled :

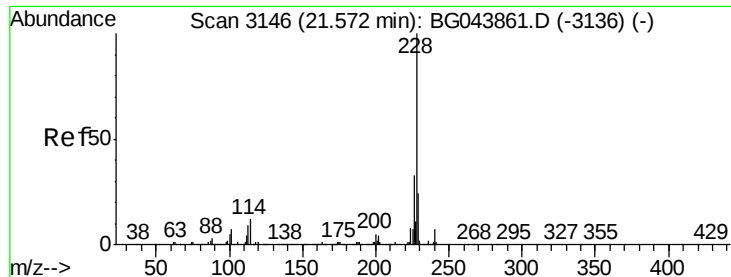
Tot Ion:244 Resp: 2701158
 Ion Ratio Lower Upper
 244 100
 212 12.3 8.6 13.0
 122 16.6 11.9 17.9



#80
 Butylbenzylphthalate
 Concen: 55.129 ng
 RT: 20.64 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: BG043862.D
 Acq: 30 Dec 2019 11:25

Tgt Ion:149 Resp: 1087228
 Ion Ratio Lower Upper
 149 100
 91 74.1 59.5 89.3
 206 23.2 17.8 26.6





#81

Benzo(a)anthracene

Concen: 53.654 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampleId :

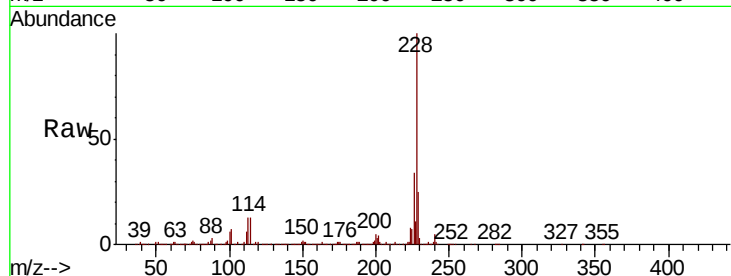
Tot Ion:228 Resp: 2138681

Ion	Ratio	Lower	Upper
228	100		
226	34.1	26.2	39.4
229	24.8	18.9	28.3

228 100

226 34.1 26.2 39.4

229 24.8 18.9 28.3

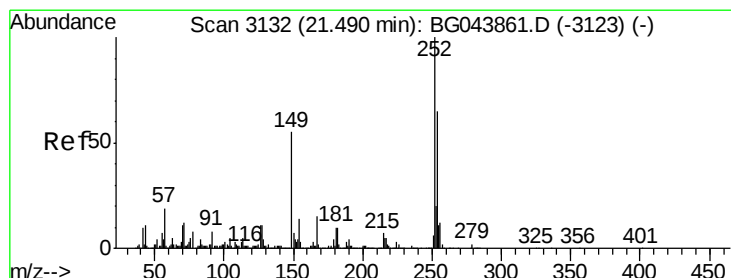
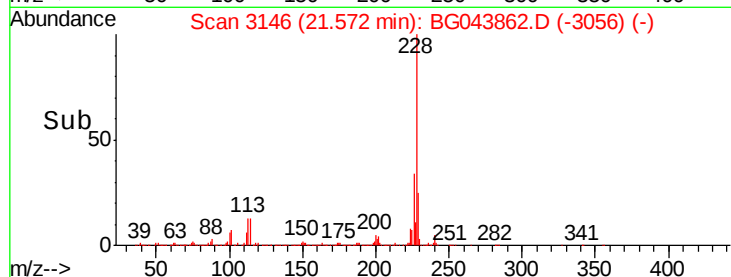
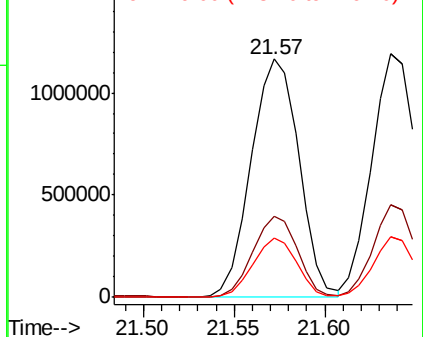


Abundance

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: 54.634 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

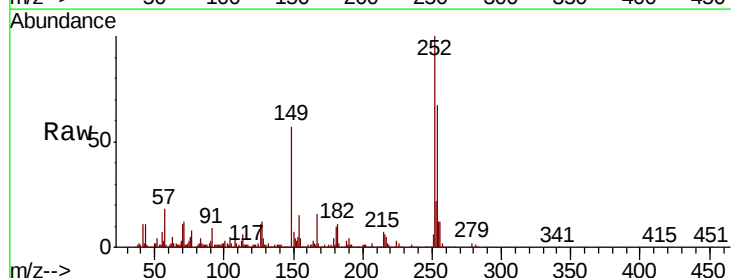
Tgt Ion:252 Resp: 864133

Ion	Ratio	Lower	Upper
252	100		
254	67.1	52.1	78.1
126	11.4	9.1	13.7

252 100

254 67.1 52.1 78.1

126 11.4 9.1 13.7

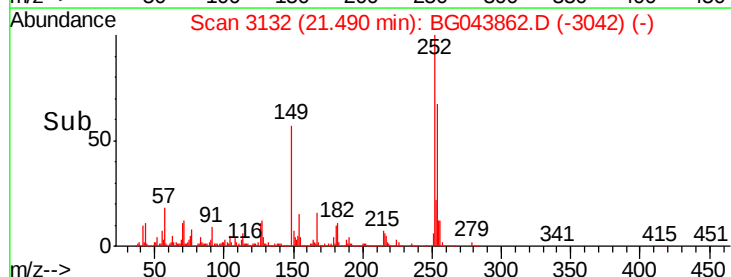
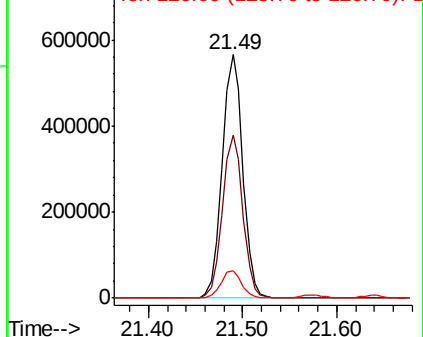


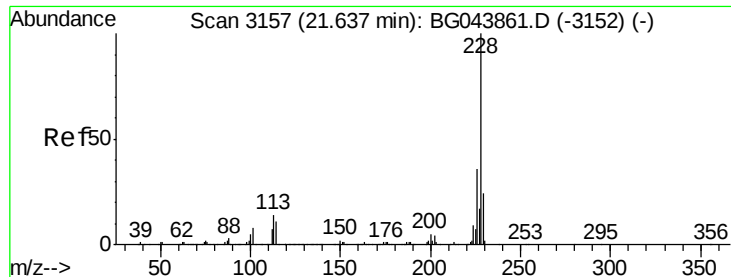
Abundance

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

Chrvsene

Concen: 53.325 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampleId :

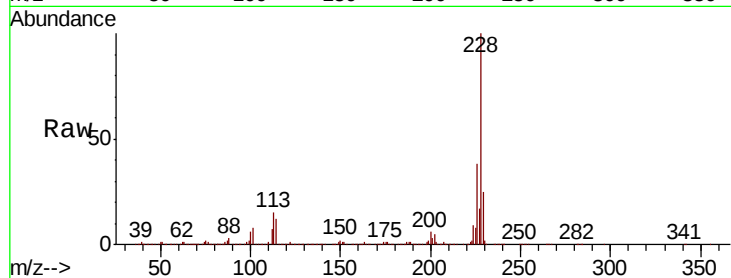
Tot Ion:228 Resp: 2021833

Ion Ratio Lower Upper

228 100

226 38.1 28.8 43.2

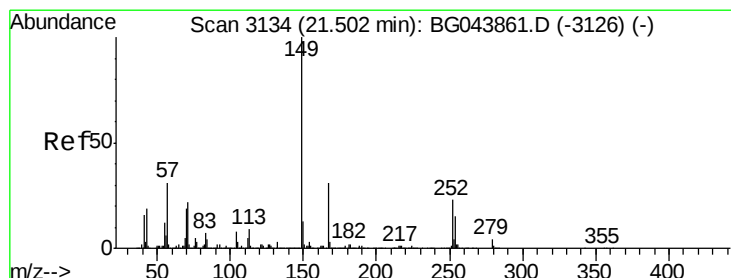
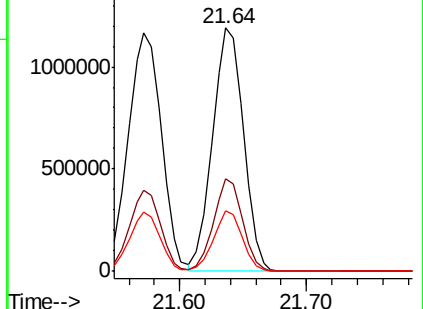
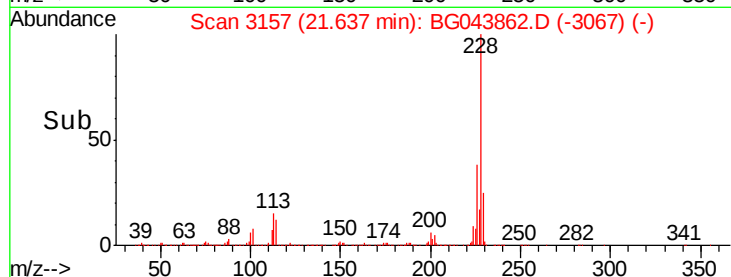
229 25.0 19.0 28.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.487 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

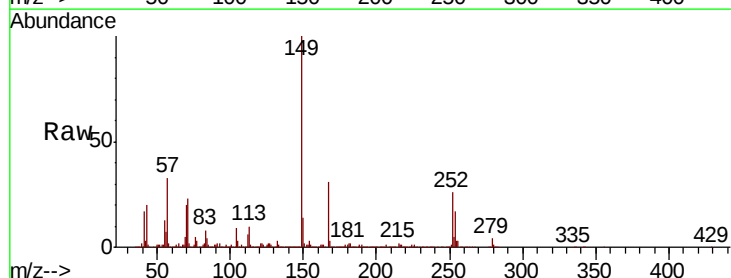
Tgt Ion:149 Resp: 1491568

Ion Ratio Lower Upper

149 100

167 31.2 24.7 37.1

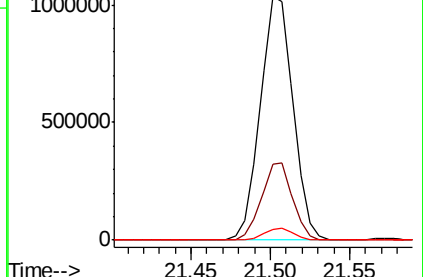
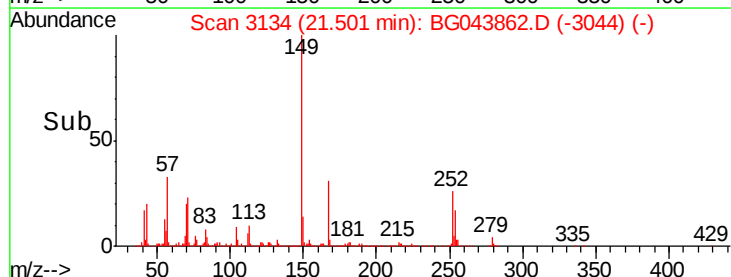
279 4.5 3.3 4.9

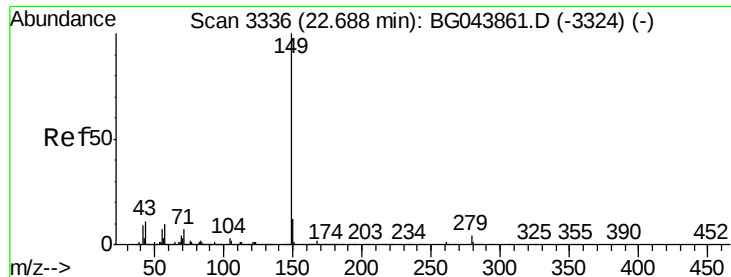


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.016 ng

RT: 22.69 min Scan# 3337

Delta R.T. 0.01 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampleId :

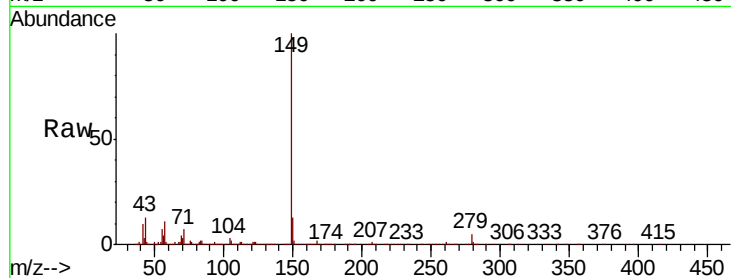
Tot Ion:149 Resp: 2533044

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

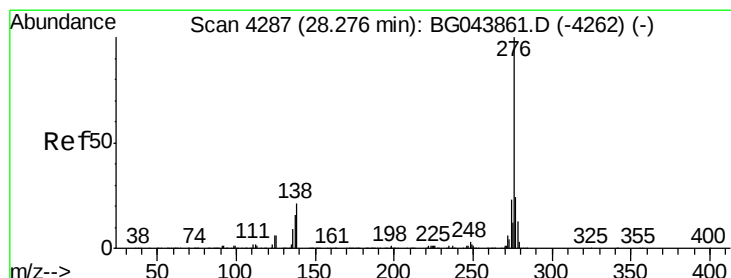
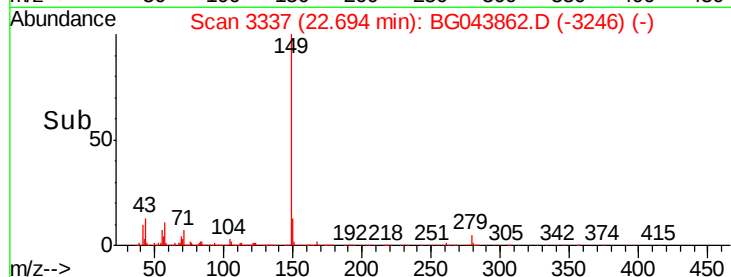
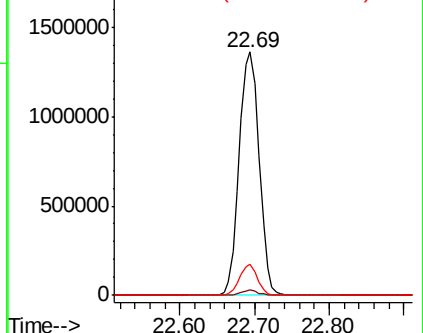
43 11.5 8.8 13.2



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: 53.909 ng

RT: 28.28 min Scan# 4287

Delta R.T. -0.00 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

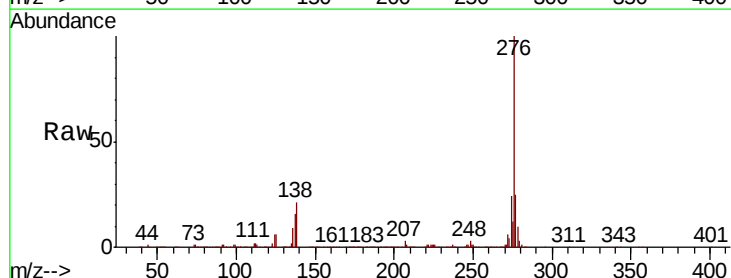
Tgt Ion:276 Resp: 2785336

Ion Ratio Lower Upper

276 100

138 19.0 21.0 31.4#

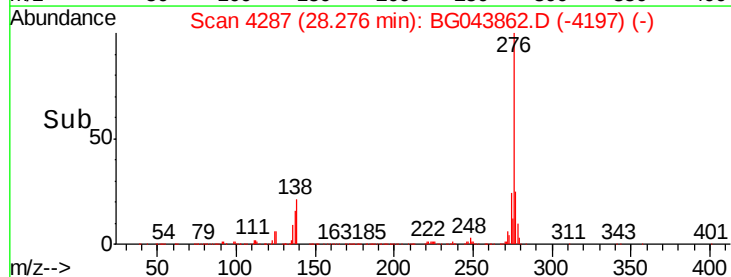
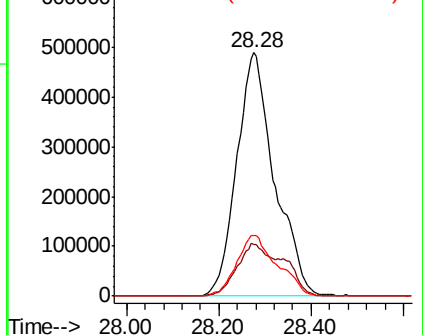
277 26.7 21.1 31.7

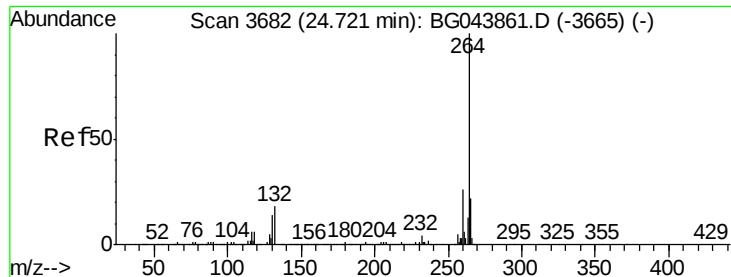


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



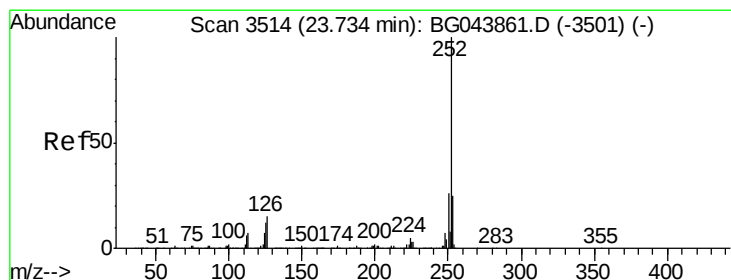
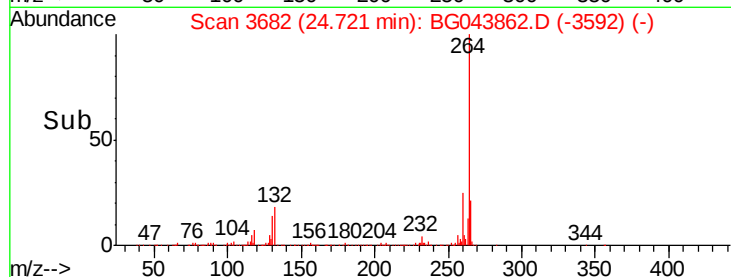
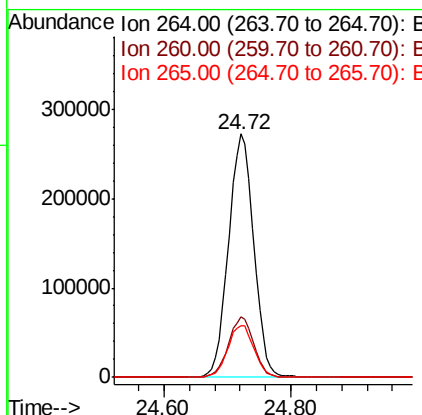
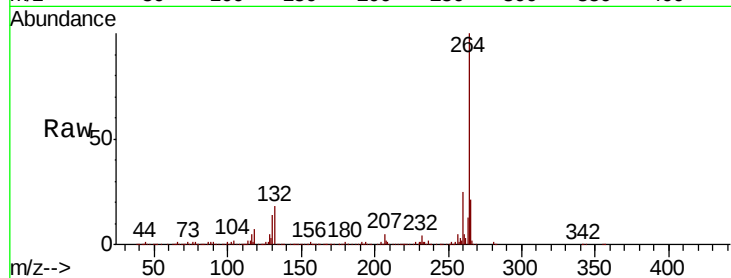


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3682
Delta R.T. -0.00 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 742364

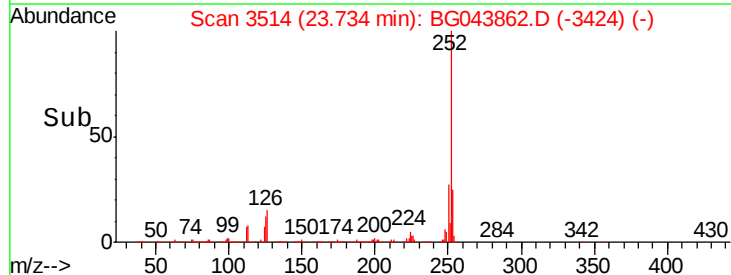
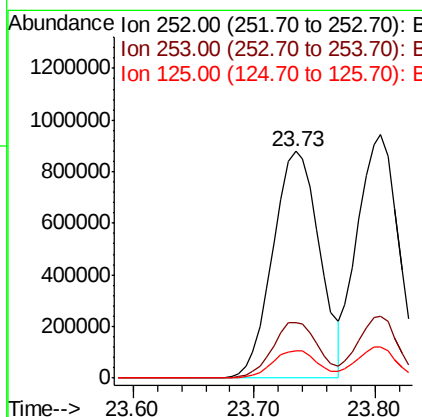
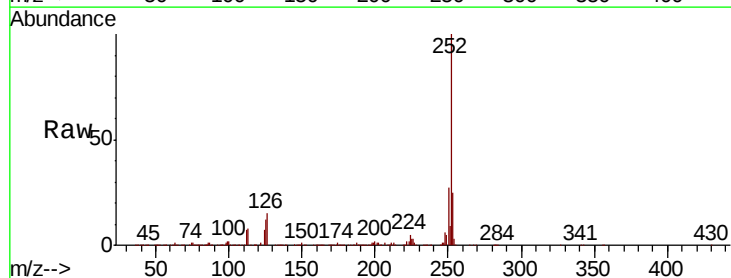
Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.4	30.6
265	21.1	17.4	26.2

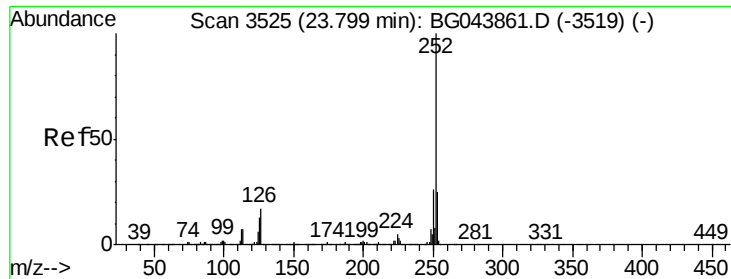


#88
Benzo(b)fluoranthene
Concen: 54.172 ng
RT: 23.73 min Scan# 3514
Delta R.T. -0.00 min
Lab File: BG043862.D
Acq: 30 Dec 2019 11:25

Tgt Ion:252 Resp: 2361004

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.7	29.5
125	12.0	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 53.326 ng

RT: 23.80 min Scan# 3526

Delta R.T. 0.01 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampleId :

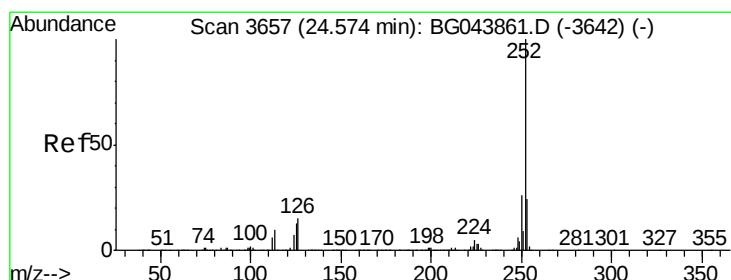
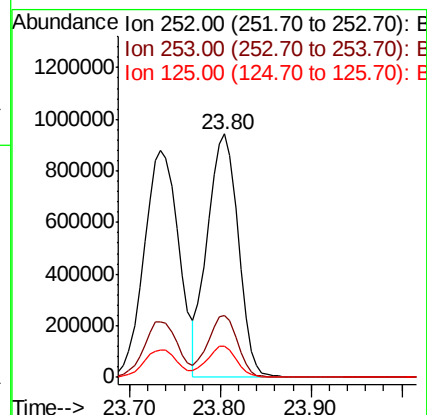
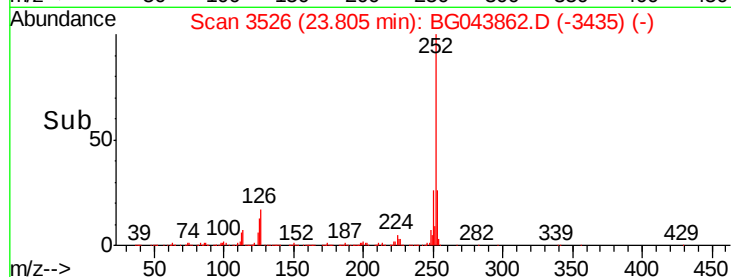
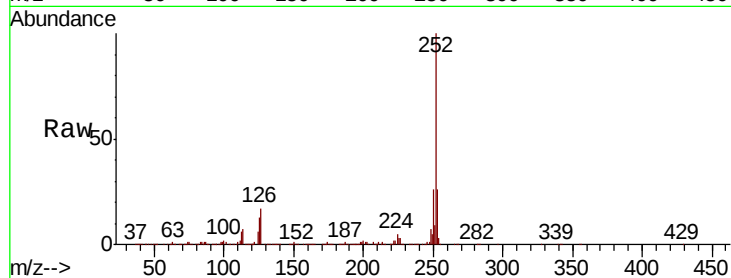
Tot Ion:252 Resp: 2229315

Ion Ratio Lower Upper

252 100

253 25.6 19.4 29.2

125 12.8 9.9 14.9



#90

Benzo(a)pyrene

Concen: 54.341 ng

RT: 24.58 min Scan# 3658

Delta R.T. 0.01 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

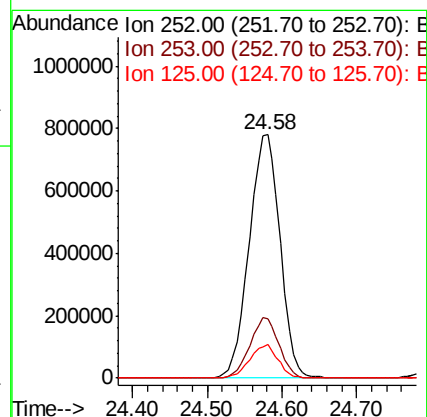
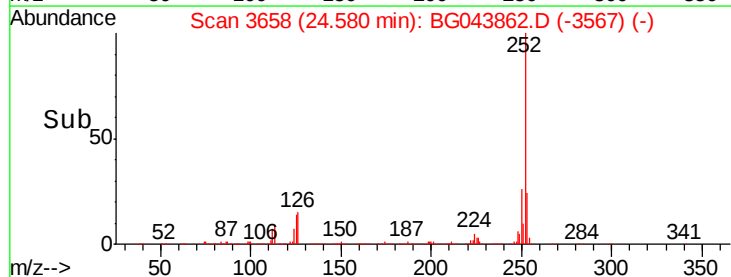
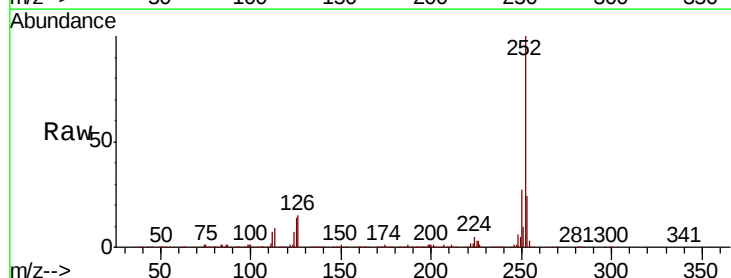
Tgt Ion:252 Resp: 2240988

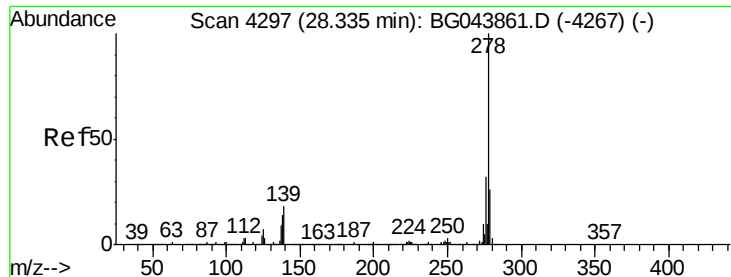
Ion Ratio Lower Upper

252 100

253 24.3 19.3 28.9

125 13.6 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 53.774 ng

RT: 28.35 min Scan# 4299

Delta R.T. 0.01 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

Instrument :

BNA_G

ClientSampleId :

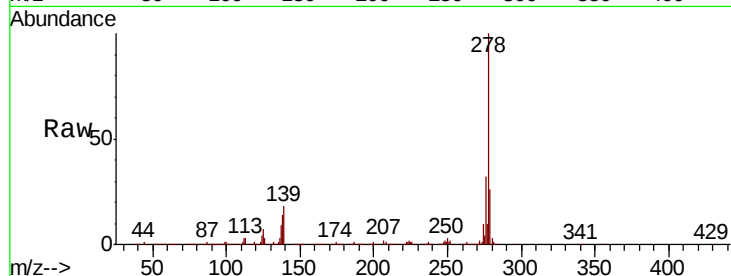
Tot Ion:278 Resp: 2243250

Ion Ratio Lower Upper

278 100

139 17.9 14.2 21.4

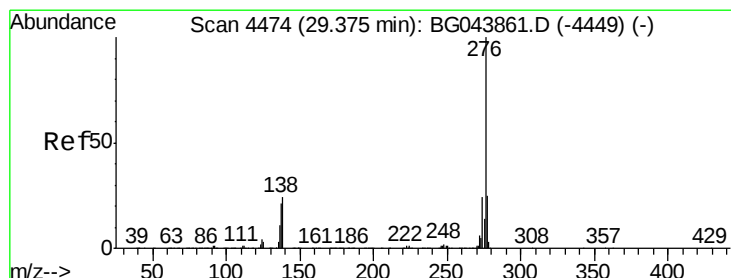
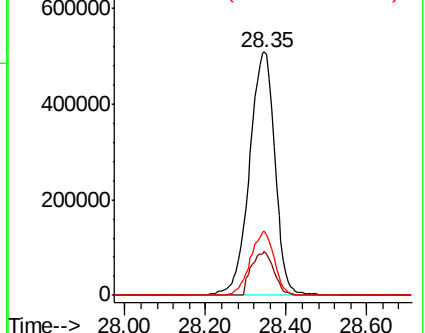
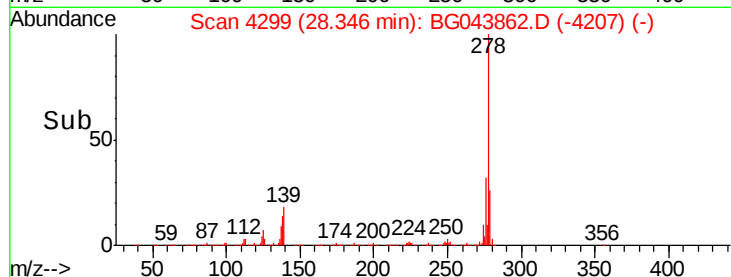
279 26.2 20.6 30.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.762 ng

RT: 29.38 min Scan# 4475

Delta R.T. 0.01 min

Lab File: BG043862.D

Acq: 30 Dec 2019 11:25

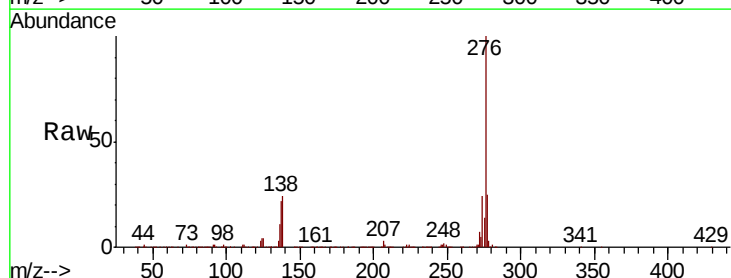
Tgt Ion:276 Resp: 2216632

Ion Ratio Lower Upper

276 100

277 24.9 20.2 30.4

138 23.5 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

