

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\
 Data File : BG044683.D
 Acq On : 5 Mar 2020 14:05
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 05 16:03:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 05 15:55:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61616	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	265716	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	185738	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	420751	20.00	ng	0.00
76) Chrysene-d12	21.72	240	362321	20.00	ng	0.00
87) Perylene-d12	24.94	264	434905	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	317602	82.70	ng	0.00
7) Phenol-d6	7.21	99	474186	90.21	ng	0.00
23) Nitrobenzene-d5	9.22	82	432226	83.80	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	193059	73.31	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1017359	78.44	ng	0.00
79) Terphenyl-d14	20.06	244	1598618	83.53	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	74632	44.535	ng	100
3) Pyridine	3.92	79	235652	50.397	ng	100
4) n-Nitrosodimethylamine	3.83	42	99482	56.016	ng	100
6) Aniline	7.38	93	296135	46.271	ng	100
8) 2-Chlorophenol	7.62	128	157632	37.602	ng	100
9) Benzaldehyde	7.19	77	145144	46.957	ng	100
10) Phenol	7.24	94	234595	46.053	ng	100
11) bis(2-Chloroethyl)ether	7.48	93	178766	41.744	ng	100
12) 1,3-Dichlorobenzene	7.95	146	190189	38.038	ng	100
13) 1,4-Dichlorobenzene	8.09	146	186953	37.205	ng	100
14) 1,2-Dichlorobenzene	8.42	146	177686	37.184	ng	100
15) Benzyl Alcohol	8.29	79	205906	58.081	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.59	45	341679	59.368	ng	100
17) 2-Methylphenol	8.49	107	157652	43.321	ng	100
18) Hexachloroethane	9.15	117	75746	41.247	ng	100
19) n-Nitroso-di-n-propylamine	8.87	70	174869	51.753	ng	100
20) 3+4-Methylphenols	8.82	107	225152	45.190	ng	100
22) Acetophenone	8.88	105	287491	43.094	ng	100
24) Nitrobenzene	9.26	77	229858	46.000	ng	100
25) Isophorone	9.79	82	481657	49.920	ng	100
26) 2-Nitrophenol	9.97	139	72141	26.621	ng	100
27) 2,4-Dimethylphenol	10.03	122	149564	39.307	ng	100
28) bis(2-Chloroethoxy)methane	10.27	93	269848	42.292	ng	100
29) 2,4-Dichlorophenol	10.51	162	172943	38.017	ng	100
30) 1,2,4-Trichlorobenzene	10.73	180	200412	38.094	ng	100
31) Naphthalene	10.92	128	551415	38.031	ng	100
32) Benzoic acid	10.16	122	108328	73.350	ng	100
33) 4-Chloroaniline	11.01	127	251148	39.327	ng	100
34) Hexachlorobutadiene	11.22	225	136568	41.335	ng	100
35) Caprolactam	11.78	113	69512	42.685	ng	100
36) 4-Chloro-3-methylphenol	12.14	107	216834	46.306	ng	100
37) 2-Methylnaphthalene	12.52	142	422618	39.439	ng	100
38) 1-Methylnaphthalene	12.74	142	393922	38.688	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	225414	36.050	ng	100

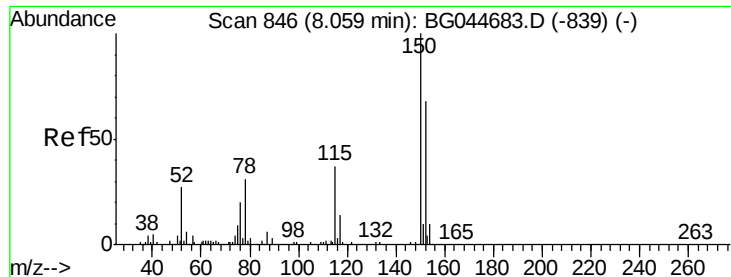
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\
 Data File : BG044683.D
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 QLast Update : Thu Mar 05 15:55:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	131833	53.445	ng	100
43) 2,4,6-Trichlorophenol	13.12	196	159497	39.285	ng	100
44) 2,4,5-Trichlorophenol	13.19	196	163389	39.176	ng	100
46) 1,1'-Biphenyl	13.53	154	562624	36.604	ng	100
47) 2-Chloronaphthalene	13.57	162	427033	35.430	ng	100
48) 2-Nitroaniline	13.76	65	139447	41.678	ng	100
49) Acenaphthylene	14.42	152	681896	38.326	ng	100
50) Dimethylphthalate	14.15	163	582698	38.869	ng	100
51) 2,6-Dinitrotoluene	14.26	165	103406	31.275	ng	100
52) Acenaphthene	14.76	154	435567	38.405	ng	100
53) 3-Nitroaniline	14.59	138	119471	33.505	ng	100
54) 2,4-Dinitrophenol	14.79	184	46833	29.478	ng	100
55) Dibenzofuran	15.09	168	662440	38.100	ng	100
56) 4-Nitrophenol	14.88	139	89938	36.668	ng	100
57) 2,4-Dinitrotoluene	15.04	165	136063	29.271	ng	100
58) Fluorene	15.74	166	545369	39.560	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.23	232	152635	39.742	ng	99
60) Diethylphthalate	15.52	149	621168	41.818	ng	100
61) 4-Chlorophenyl-phenylether	15.74	204	292761	39.057	ng	100
62) 4-Nitroaniline	15.74	138	131522	36.836	ng	100
63) Azobenzene	16.03	77	643648	50.915	ng	100
65) 4,6-Dinitro-2-methylphenol	15.81	198	61121	23.461	ng	100
66) n-Nitrosodiphenylamine	15.95	169	484917	36.948	ng	100
67) 4-Bromophenyl-phenylether	16.64	248	204047	39.069	ng	100
68) Hexachlorobenzene	16.75	284	219578	37.186	ng	100
69) Atrazine	16.90	200	193692	39.921	ng	100
70) Pentachlorophenol	17.09	266	125192	51.175	ng	100
71) Phenanthrene	17.48	178	882293	37.876	ng	100
72) Anthracene	17.58	178	874829	38.109	ng	100
73) Carbazole	17.84	167	824099	39.439	ng	100
74) Di-n-butylphthalate	18.42	149	1054221	40.262	ng	100
75) Fluoranthene	19.49	202	1072743	38.902	ng	100
77) Benzidine	19.66	184	582018	46.894	ng	100
78) Pyrene	19.85	202	1072683	40.784	ng	100
80) Butylbenzylphthalate	20.75	149	475461	41.328	ng	100
81) Benzo(a)anthracene	21.70	228	1040249	40.850	ng	100
82) 3,3'-Dichlorobenzidine	21.61	252	422053	41.952	ng	100
83) Chrysene	21.77	228	998603	40.559	ng	100
84) Bis(2-ethylhexyl)phthalate	21.64	149	667733	42.123	ng	100
85) Di-n-octyl phthalate	22.87	149	1135194	40.702	ng	100
86) Indeno(1,2,3-cd)pyrene	28.62	276	1292913	40.918	ng	100
88) Benzo(b)fluoranthene	23.93	252	1095458	38.310	ng	100
89) Benzo(k)fluoranthene	24.00	252	1070772	38.594	ng	100
90) Benzo(a)pyrene	24.80	252	1036112	38.566	ng	100
91) Dibenzo(a,h)anthracene	28.69	278	1038782	39.096	ng	100
92) Benzo(g,h,i)perylene	29.76	276	1029774	38.683	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampleId :

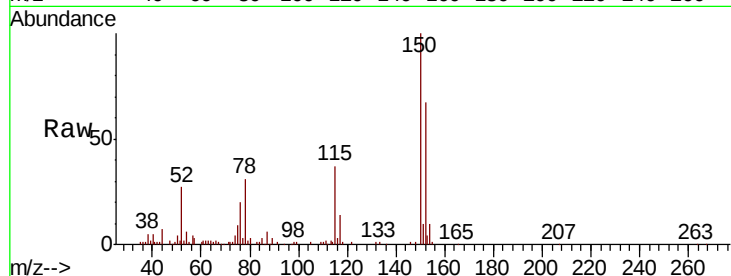
Tot Ion:152 Resp: 61616

Ion Ratio Lower Upper

152 100

150 148.2 118.6 177.8

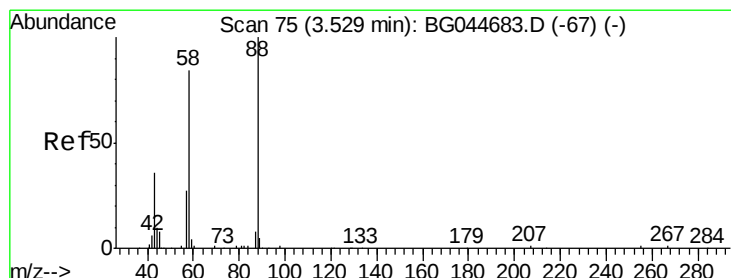
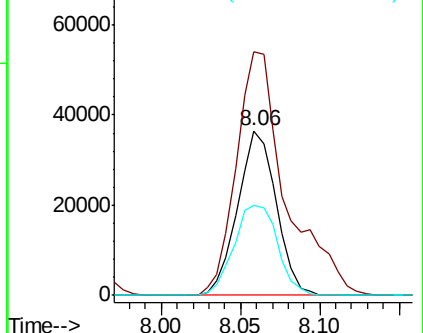
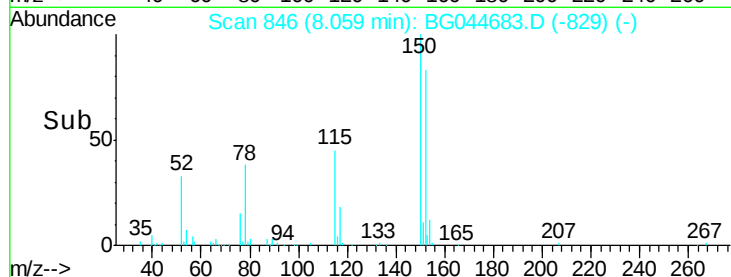
115 54.5 43.6 65.4



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: 44.535 ng

RT: 3.53 min Scan# 75

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

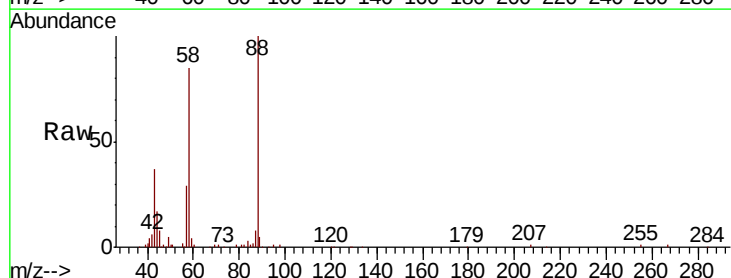
Tgt Ion: 88 Resp: 74632

Ion Ratio Lower Upper

88 100

58 83.2 66.6 99.8

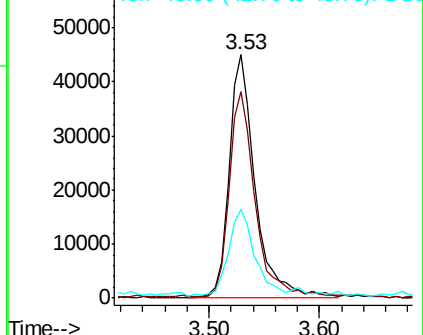
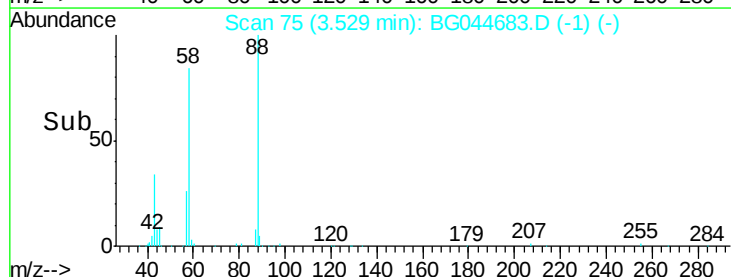
43 34.3 27.4 41.2

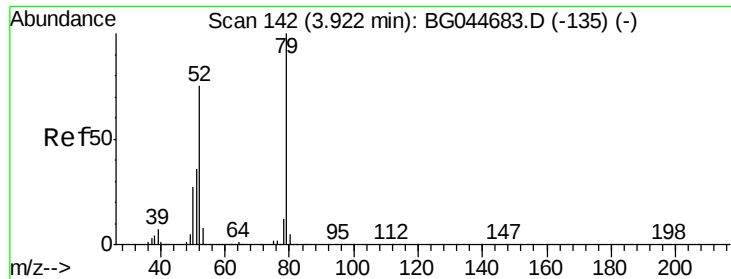


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 50.397 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampleId :

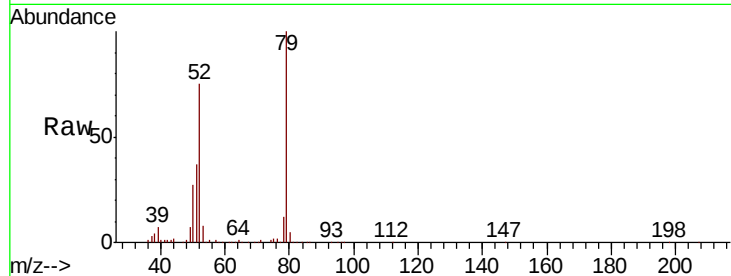
Tot Ion: 79 Resp: 235652

Ion Ratio Lower Upper

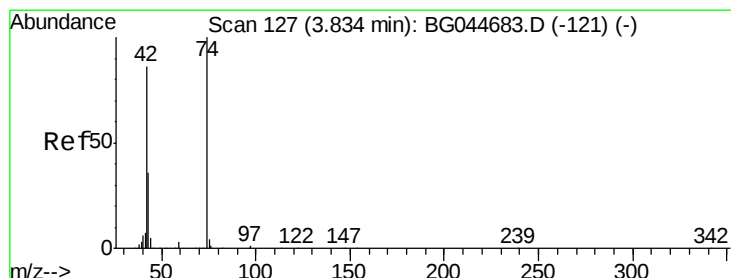
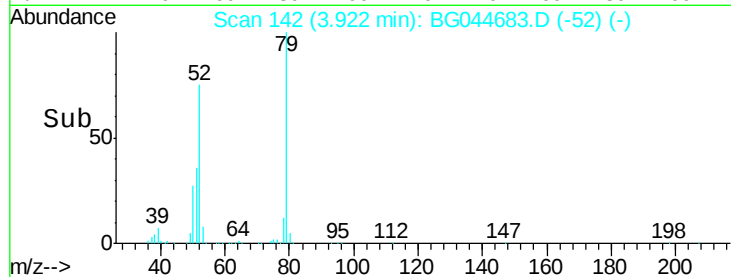
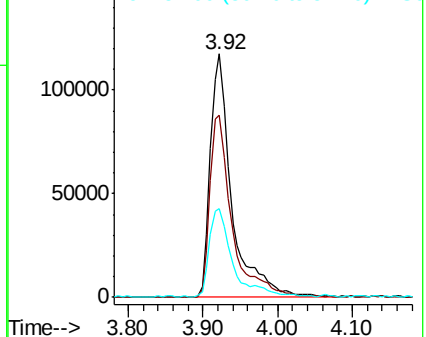
79 100

52 74.9 59.9 89.9

51 36.6 29.3 43.9



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: 56.016 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

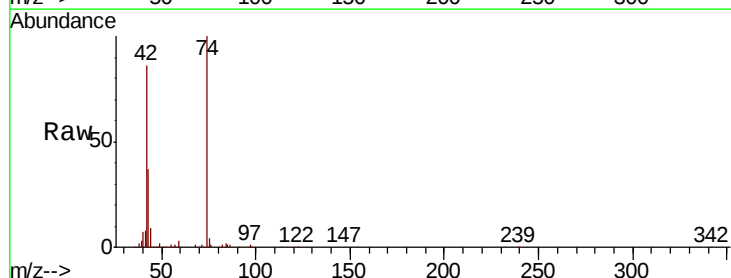
Tgt Ion: 42 Resp: 99482

Ion Ratio Lower Upper

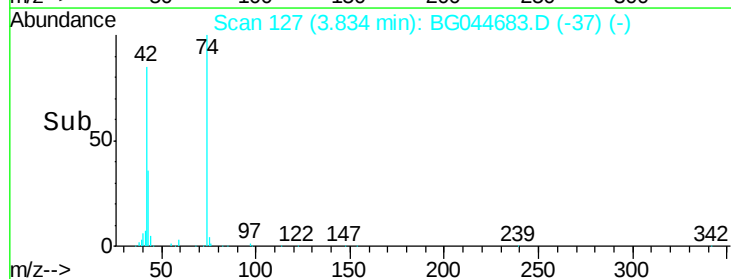
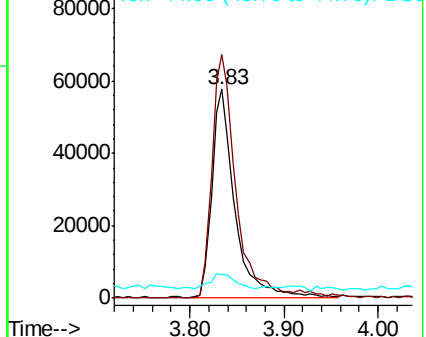
42 100

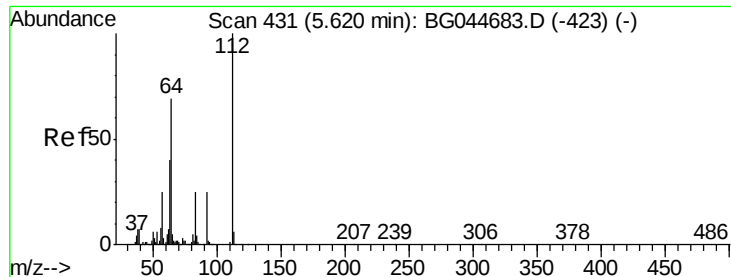
74 116.8 93.4 140.2

44 11.1 8.9 13.3



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





#5

2-Fluorophenol

Concen: 82.703 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampled :

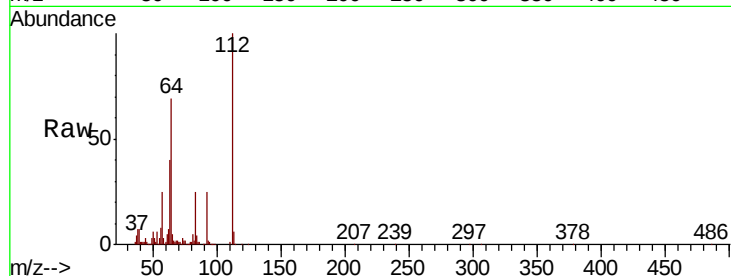
Tot Ion:112 Resp: 317602

Ion Ratio Lower Upper

112 100

64 69.2 55.4 83.0

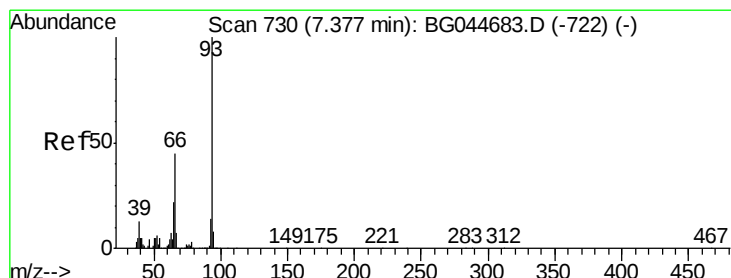
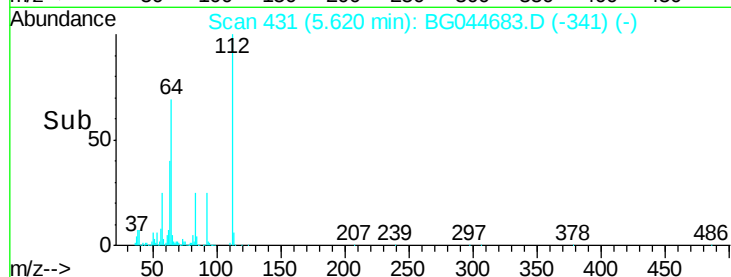
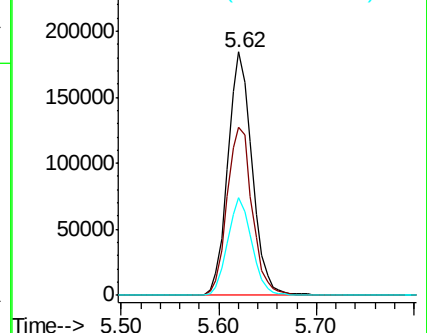
63 40.1 32.1 48.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 46.271 ng

RT: 7.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

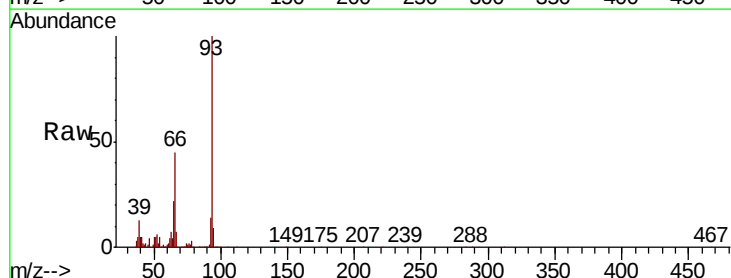
Tgt Ion: 93 Resp: 296135

Ion Ratio Lower Upper

93 100

66 44.8 35.8 53.8

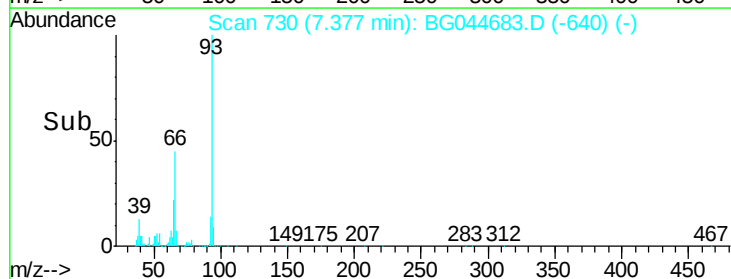
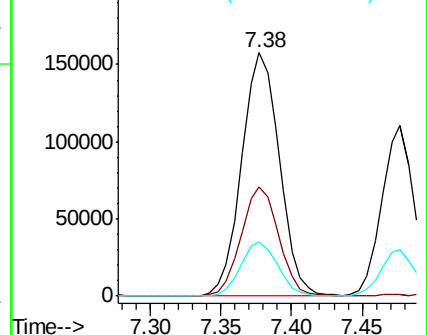
65 22.4 17.9 26.9

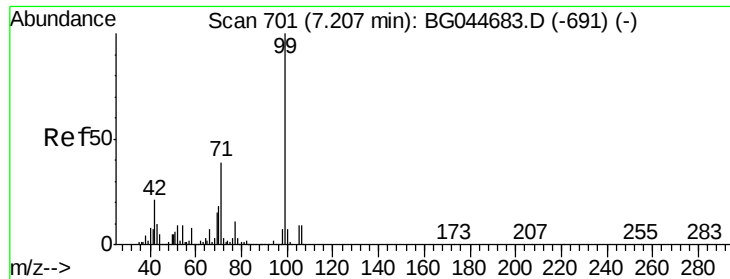


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 90.208 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampleId :

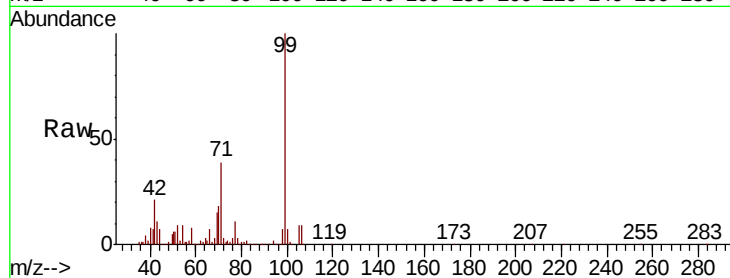
Tot Ion: 99 Resp: 474186

Ion Ratio Lower Upper

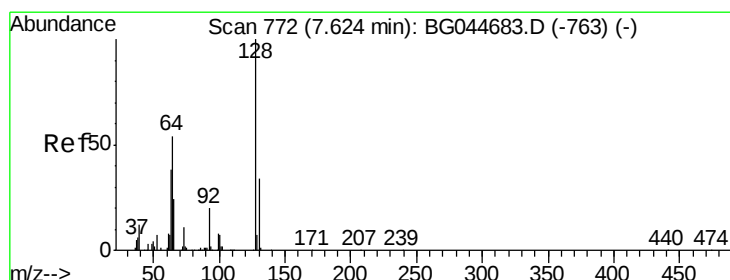
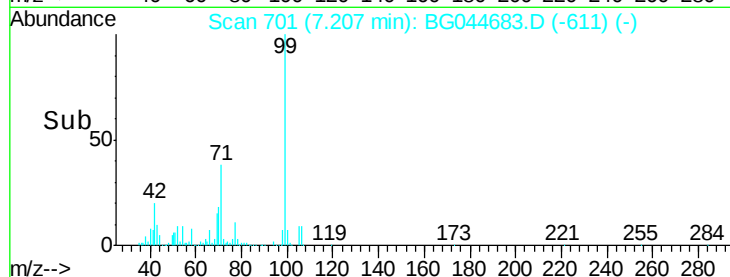
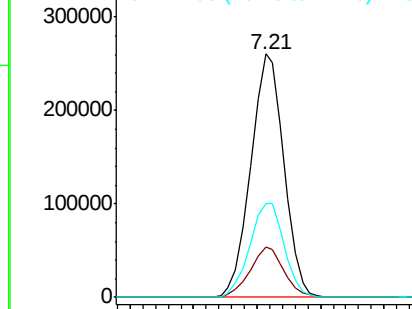
99 100

42 20.6 16.5 24.7

71 38.6 30.9 46.3



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



#8

2-Chlorophenol

Concen: 37.602 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

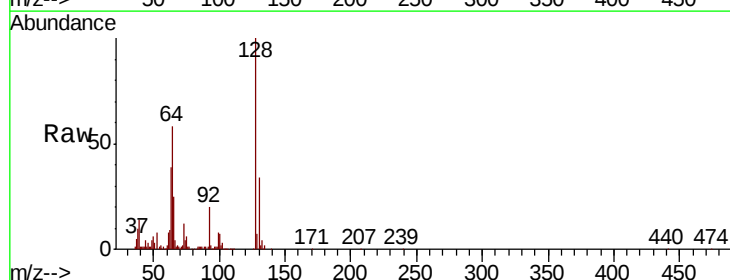
Tgt Ion:128 Resp: 157632

Ion Ratio Lower Upper

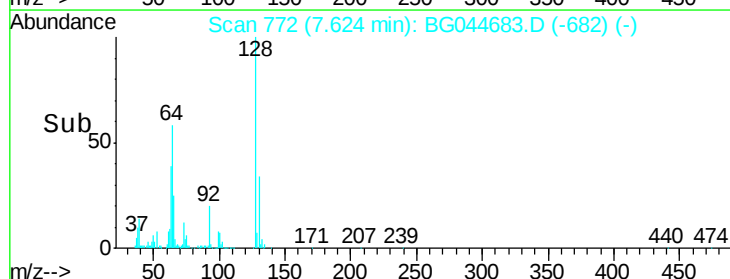
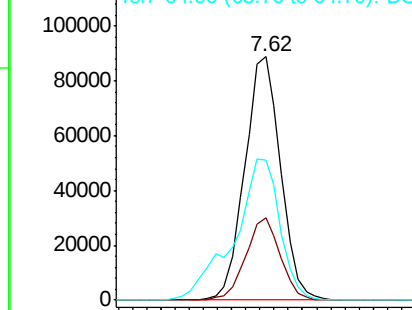
128 100

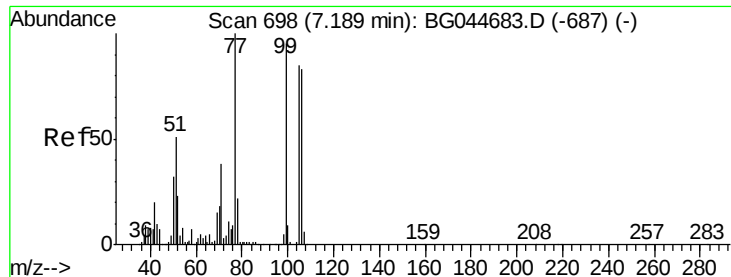
130 34.0 14.0 54.0

64 57.6 37.6 77.6



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





#9

Benzaldehyde

Concen: 46.957 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampleId :

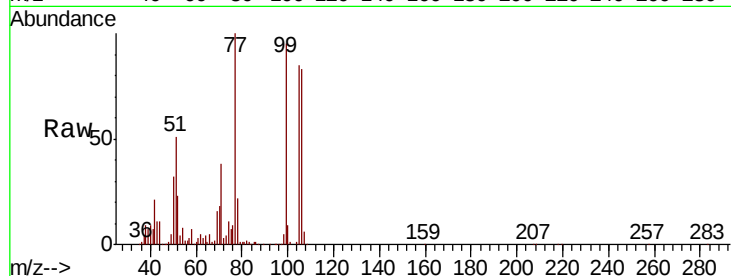
Tot Ion: 77 Resp: 145144

Ion Ratio Lower Upper

77 100

105 85.1 65.1 105.1

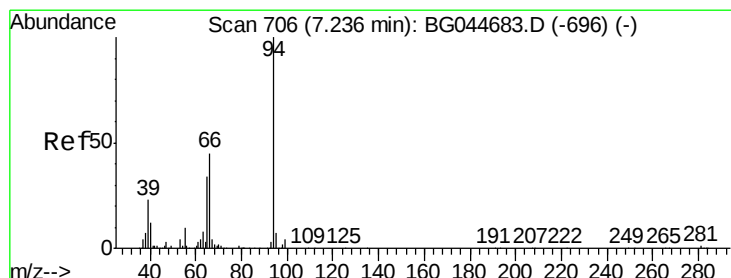
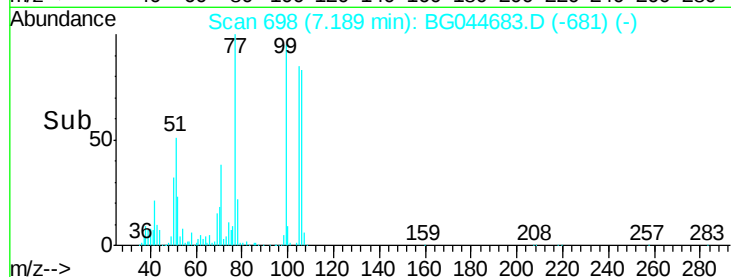
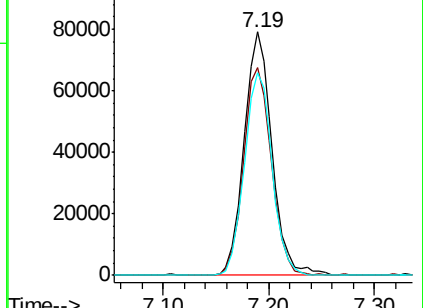
106 83.1 63.1 103.1



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: 46.053 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

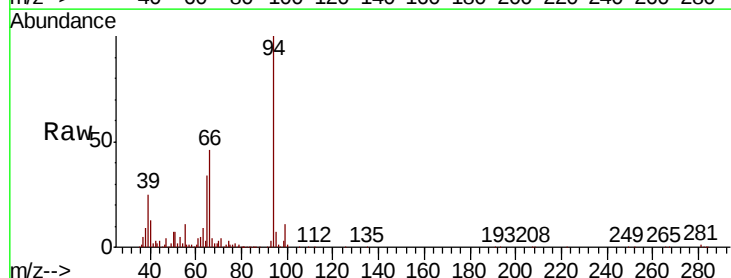
Tgt Ion: 94 Resp: 234595

Ion Ratio Lower Upper

94 100

65 33.5 13.5 53.5

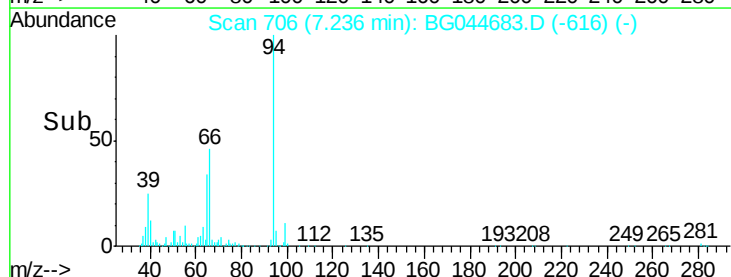
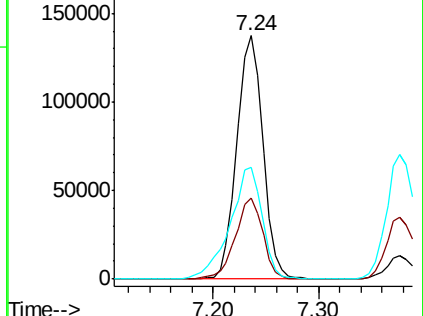
66 45.8 25.8 65.8

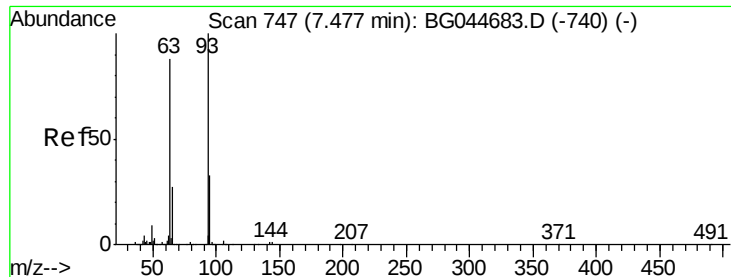


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

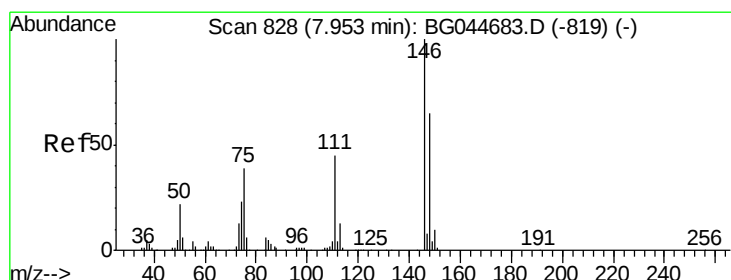
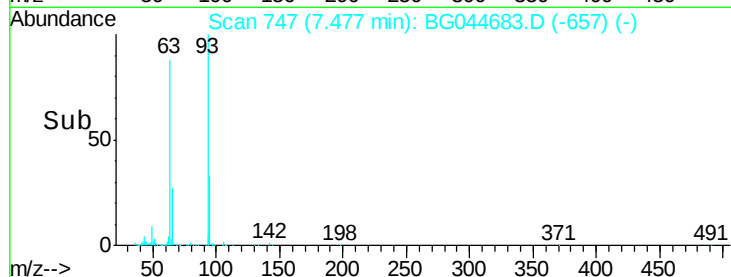
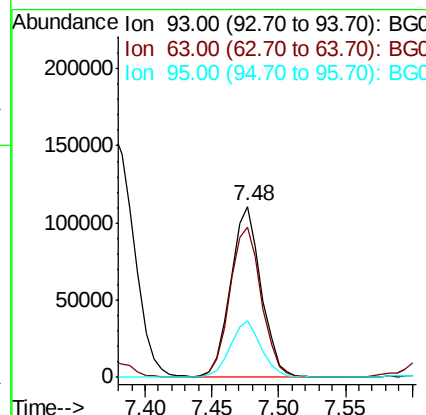
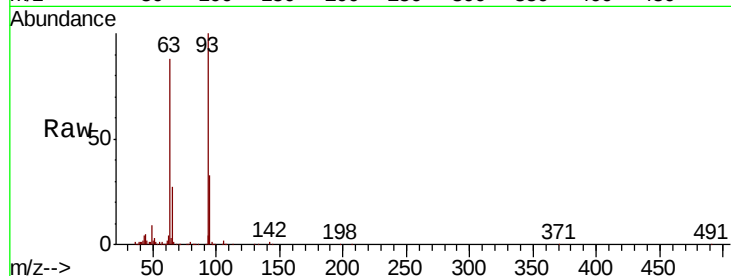




#11
bis(2-Chloroethyl)ether
Concen: 41.744 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

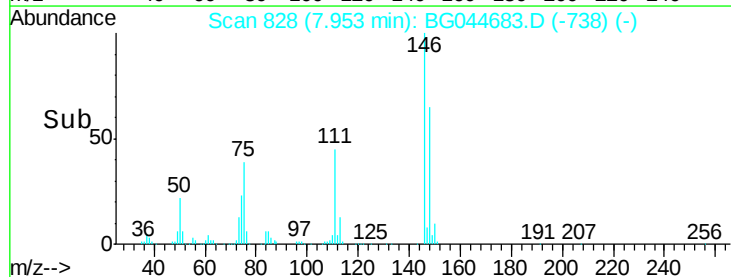
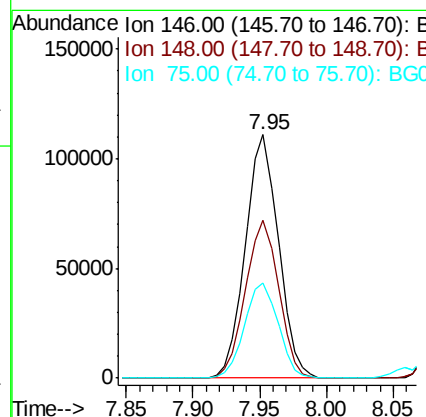
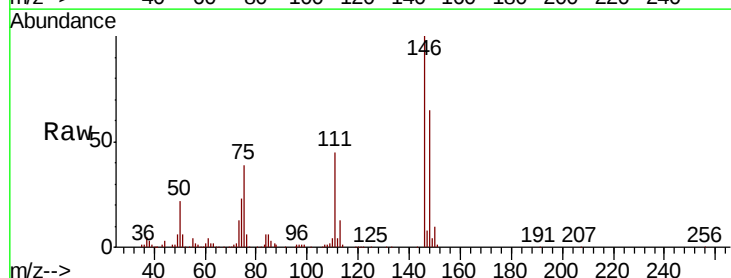
Instrument :
BNA_G
ClientSampleId :

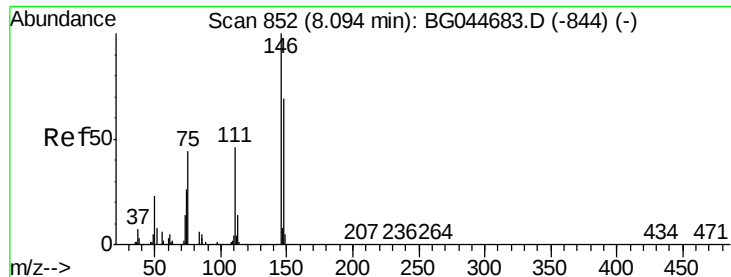
Tot Ion: 93 Resp: 178766
Ion Ratio Lower Upper
93 100
63 87.8 67.8 107.8
95 33.0 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 38.038 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

Tgt Ion: 146 Resp: 190189
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
75 38.8 31.0 46.6

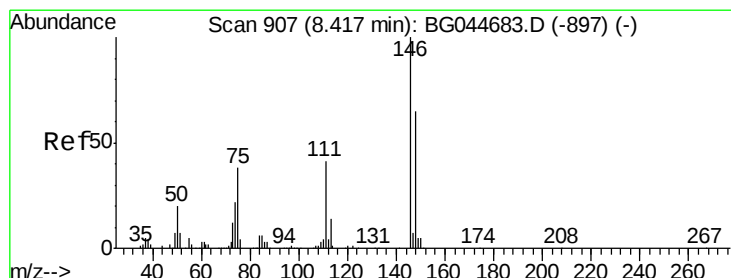
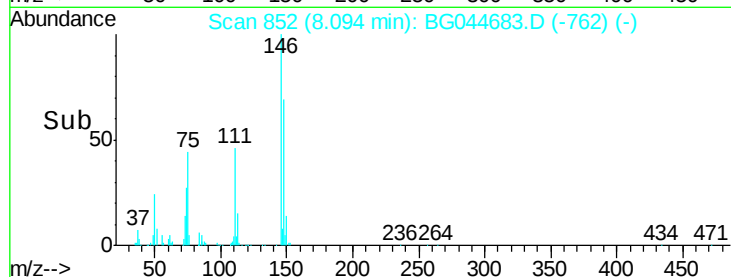
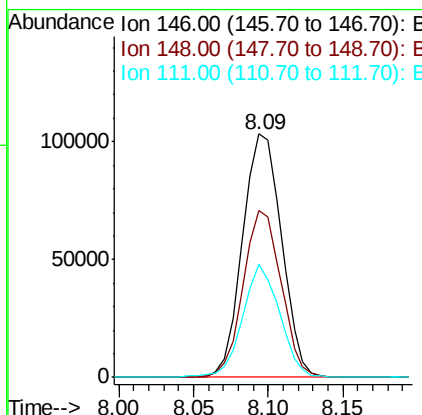
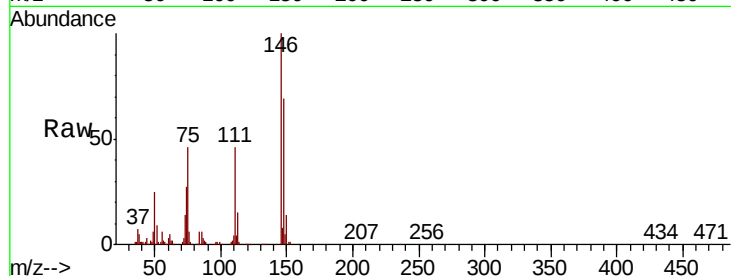




#13
 1,4-Dichlorobenzene
 Concen: 37.205 ng
 RT: 8.09 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

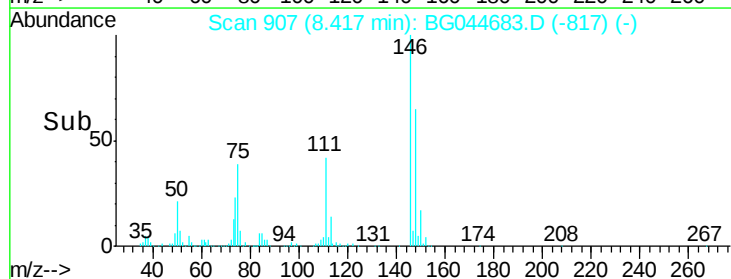
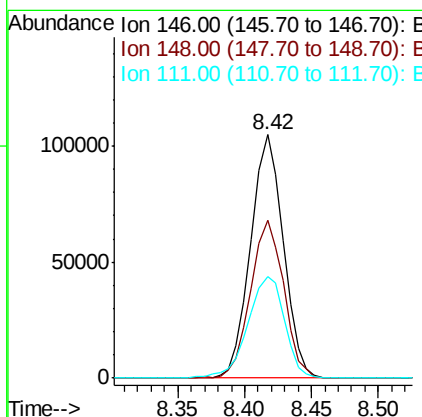
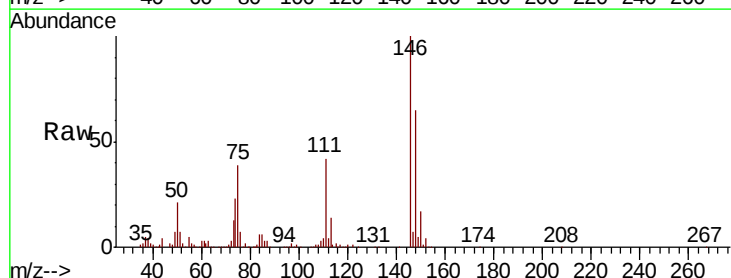
Instrument :
 BNA_G
 ClientSampled :

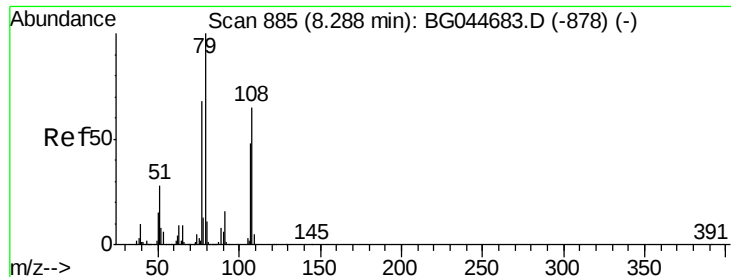
Tot Ion	Ratio	Lower	Upper
146	100		
148	68.7	55.0	82.4
111	46.5	37.2	55.8



#14
 1,2-Dichlorobenzene
 Concen: 37.184 ng
 RT: 8.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
111	41.7	33.4	50.0





#15

Benzyl Alcohol

Concen: 58.081 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampleId :

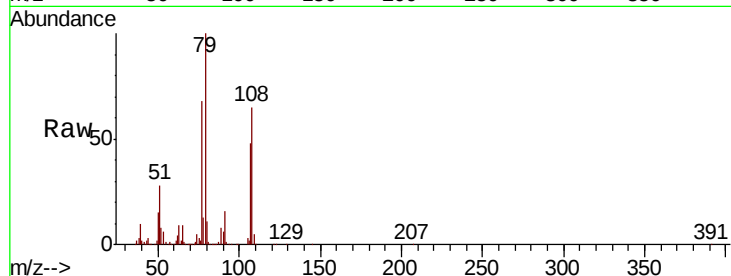
Tot Ion: 79 Resp: 205906

Ion Ratio Lower Upper

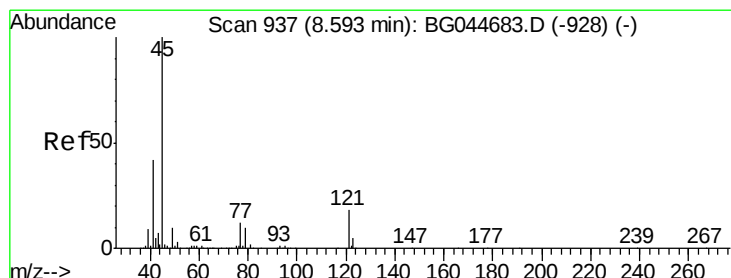
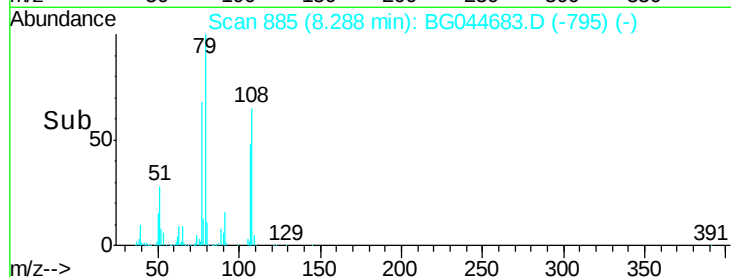
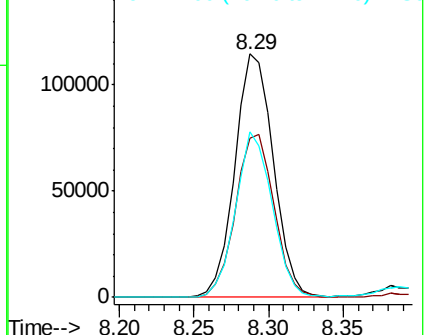
79 100

108 65.3 52.2 78.4

77 67.7 54.2 81.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 59.368 ng

RT: 8.59 min Scan# 937

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

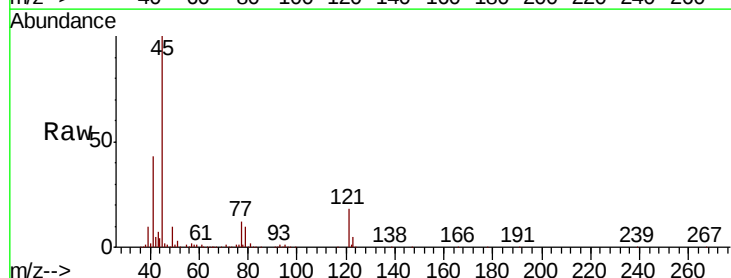
Tgt Ion: 45 Resp: 341679

Ion Ratio Lower Upper

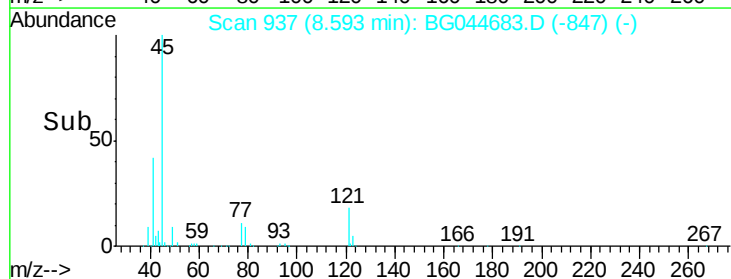
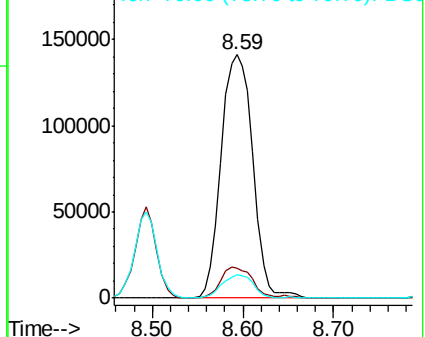
45 100

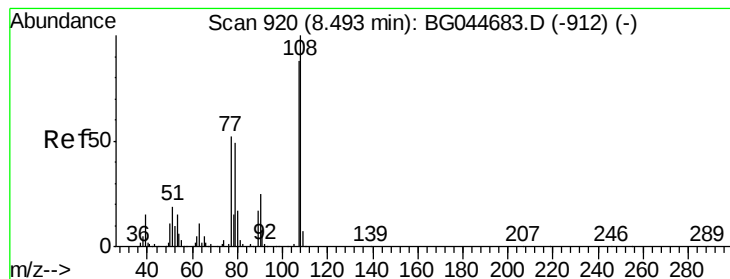
77 12.1 0.0 32.1

79 9.9 0.0 29.9



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





#17

2-Methylphenol

Concen: 43.321 ng

RT: 8.49 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 157652

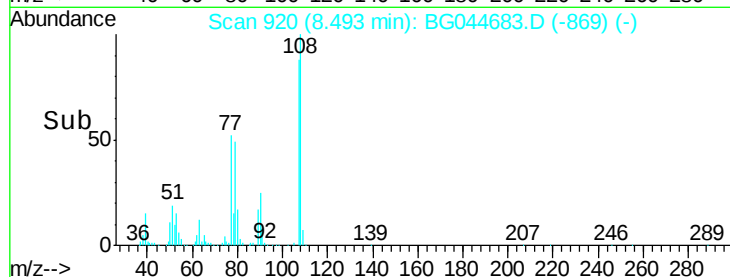
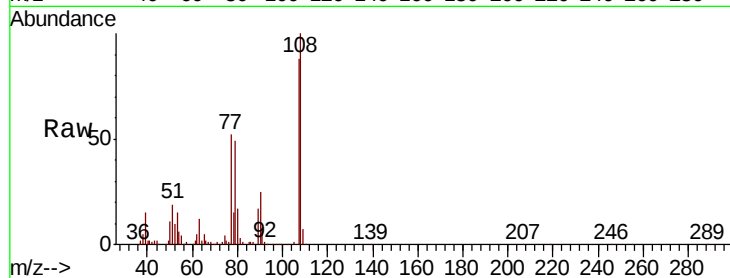
Ion Ratio Lower Upper

107 100

108 113.1 90.5 135.7

77 59.1 47.3 70.9

79 55.8 44.6 67.0



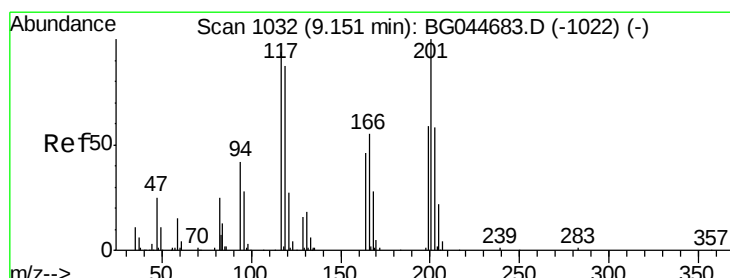
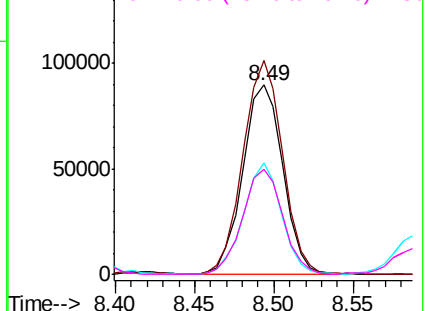
Abundance

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: 41.247 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

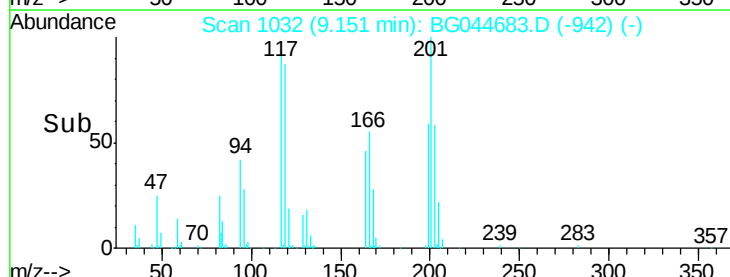
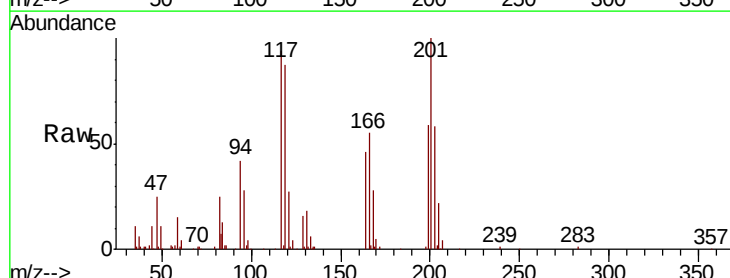
Tgt Ion:117 Resp: 75746

Ion Ratio Lower Upper

117 100

119 93.1 74.5 111.7

201 106.9 85.5 128.3

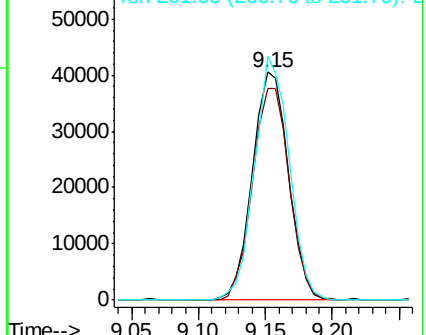


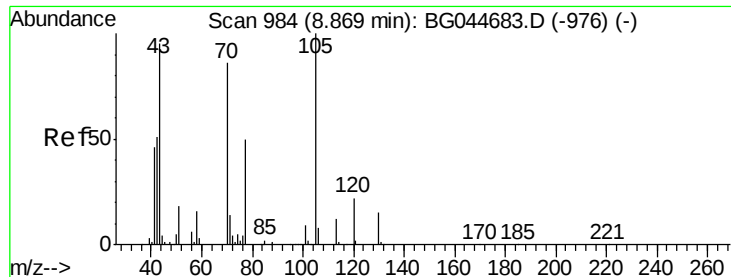
Abundance

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

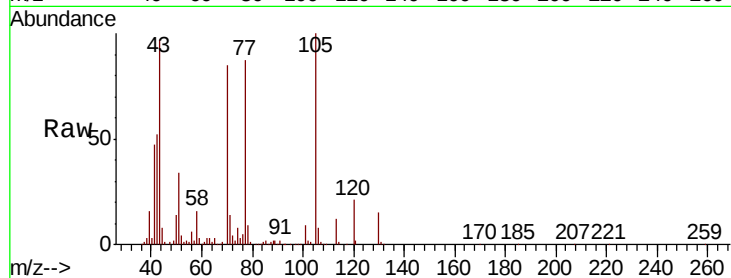




#19
n-Nitroso-di-n-propylamine
Concen: 51.753 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	174869
Ion	Ratio	Lower	Upper
70	100		
42	61.1	48.9	73.3
101	10.0	8.0	12.0
130	17.6	14.1	21.1



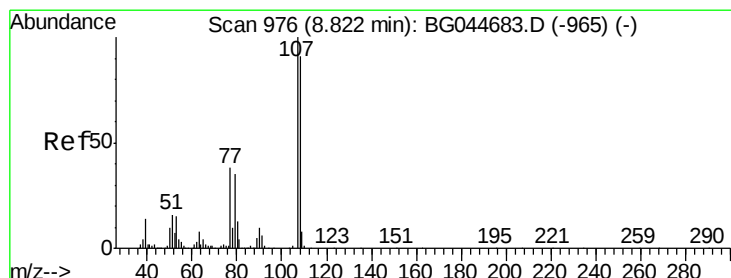
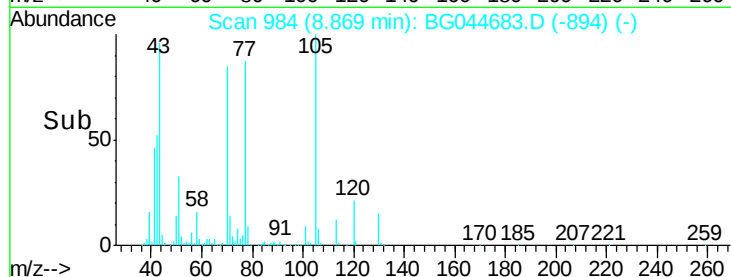
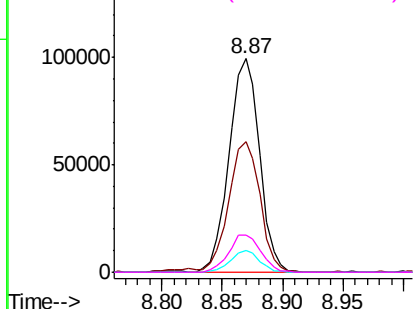
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

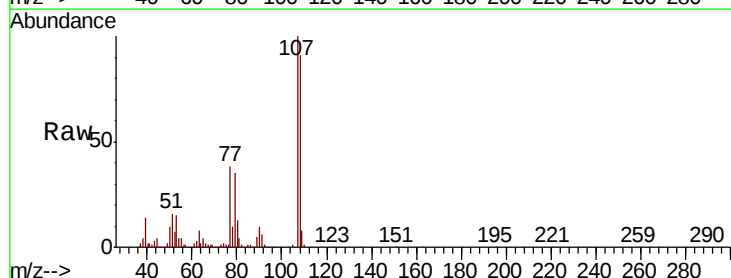
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 45.190 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

Tgt Ion:	107	Resp:	225152
Ion	Ratio	Lower	Upper
107	100		
108	90.8	70.8	110.8
77	37.8	17.8	57.8
79	34.9	14.9	54.9



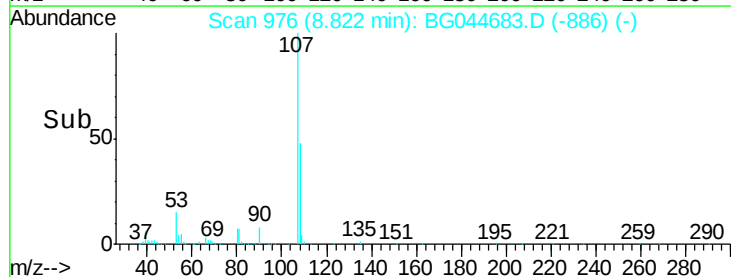
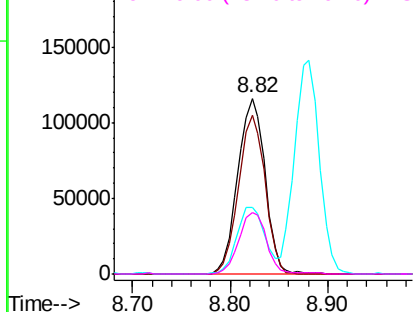
Abundance

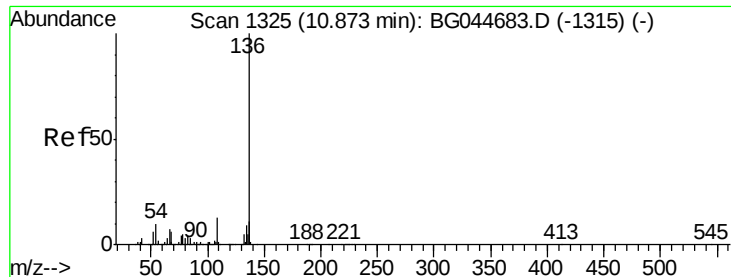
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

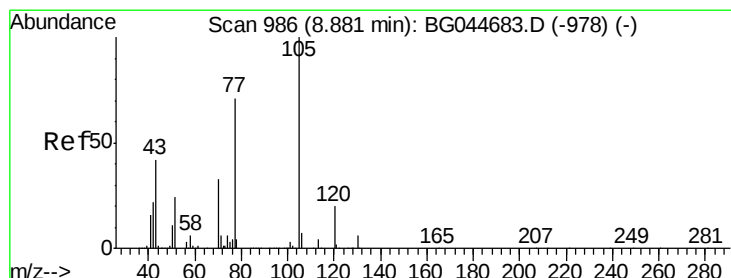
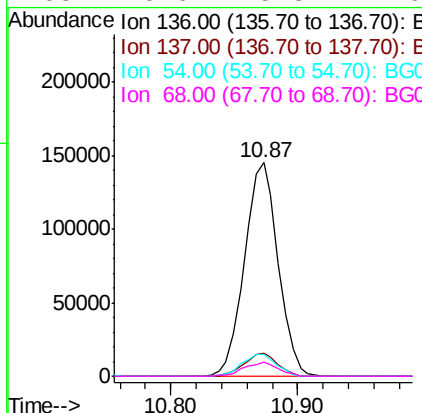
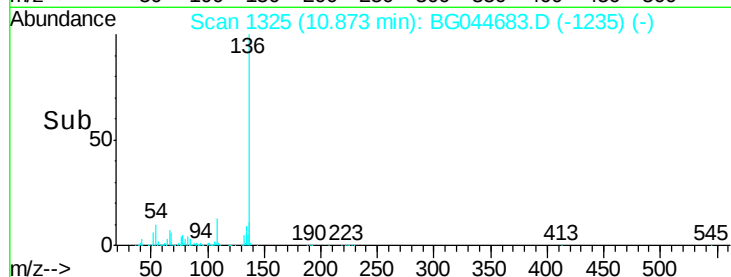
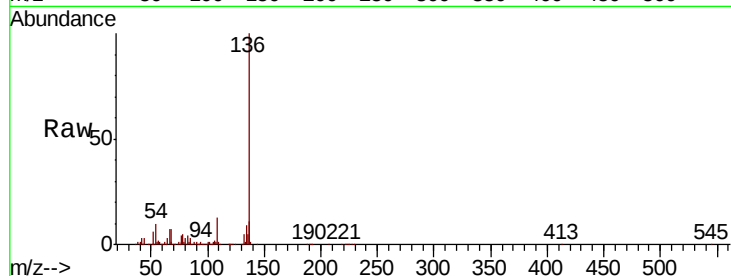




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

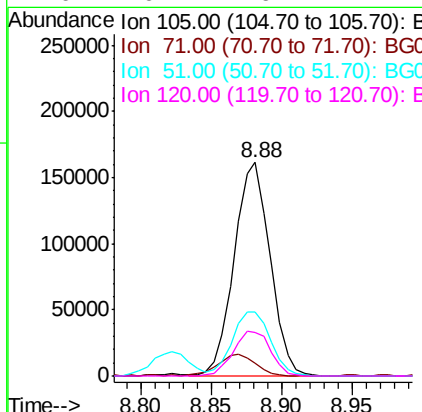
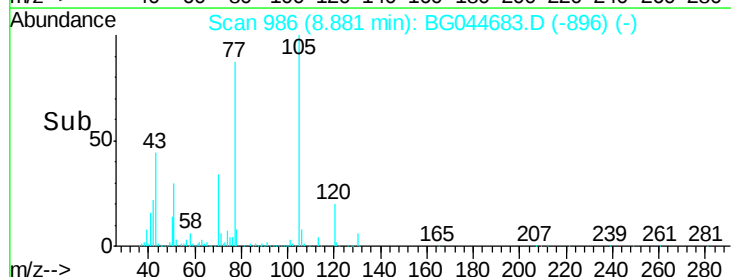
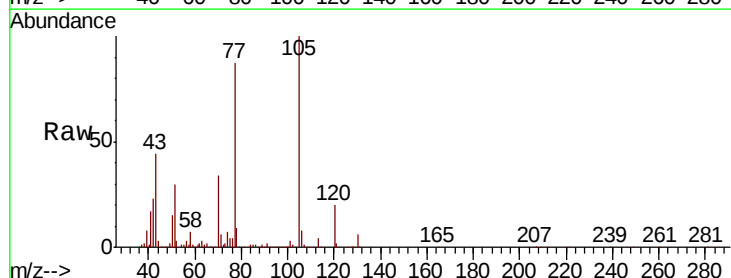
Instrument :
BNA_G
ClientSampleId :

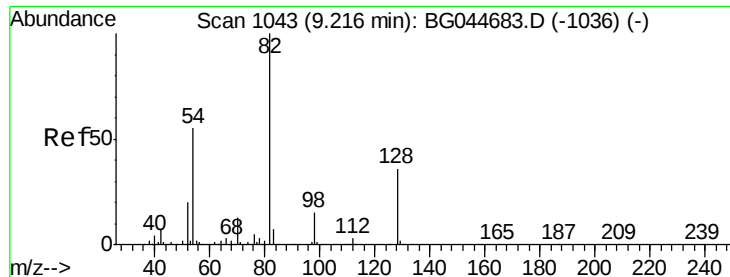
Tot Ion:136	Resp:	265716	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.6	12.8	
54 10.3	8.2	12.4	
68 6.6	5.3	7.9	



#22
Acetophenone
Concen: 43.094 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

Tgt	Ion:105	Resp:	287491
Ion	Ratio	Lower	Upper
105	100		
71	6.0	4.8	7.2
51	30.0	24.0	36.0
120	20.2	16.2	24.2

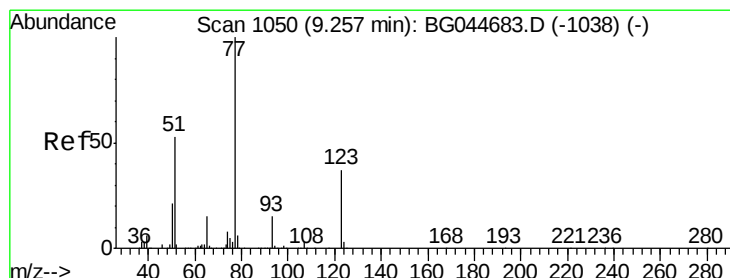
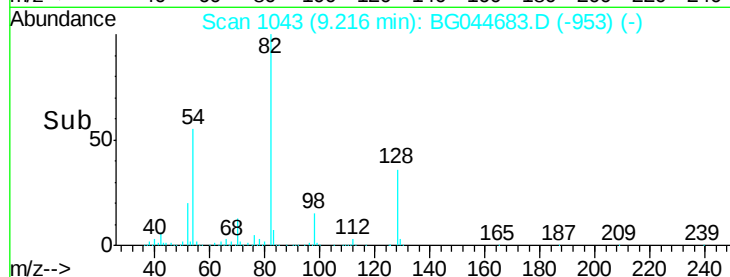
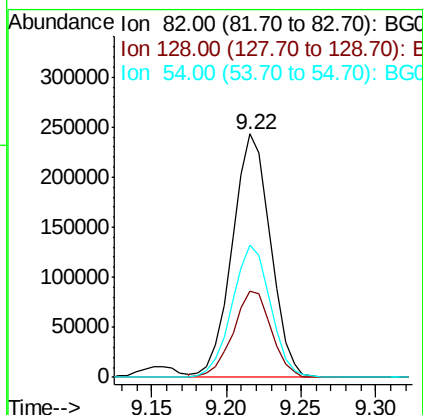
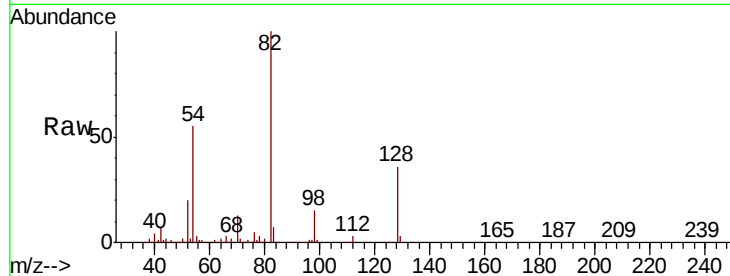




#23
 Nitrobenzene-d5
 Concen: 83.802 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

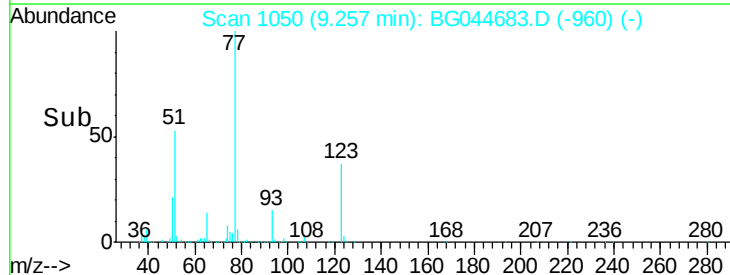
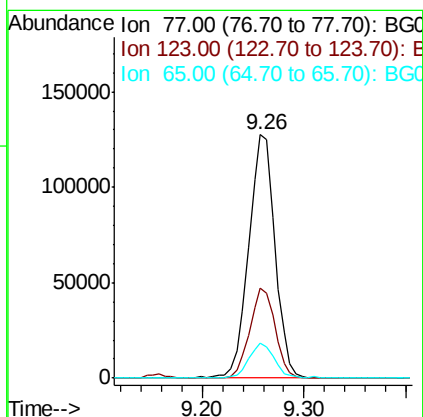
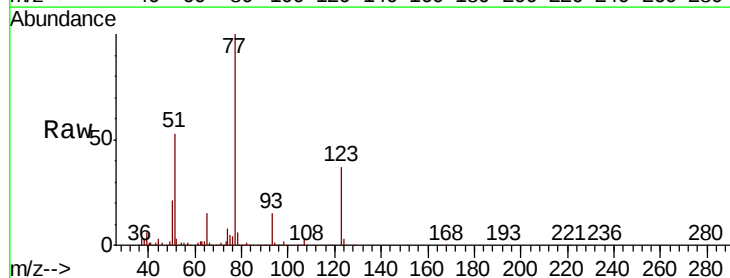
Instrument :
 BNA_G
 ClientSampleId :

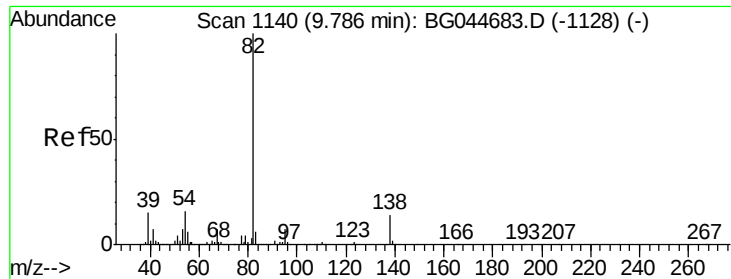
Tot Ion	82	Resp	432226
Ion Ratio	100	Lower	Upper
128	35.6	28.5	42.7
54	54.5	43.6	65.4



#24
 Nitrobenzene
 Concen: 46.000 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

Tgt Ion	77	Resp	229858
Ion Ratio	100	Lower	Upper
123	37.1	29.7	44.5
65	14.6	11.7	17.5





#25

Isophorone

Concen: 49.920 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampleId :

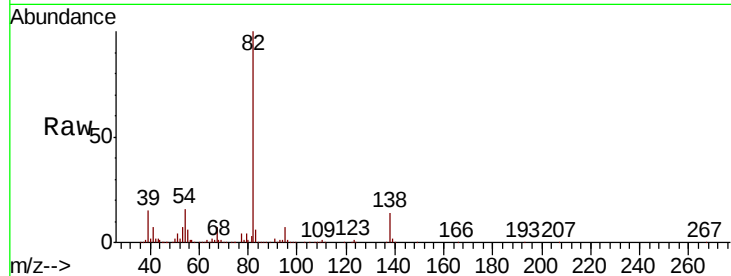
Tot Ion: 82 Resp: 481657

Ion Ratio Lower Upper

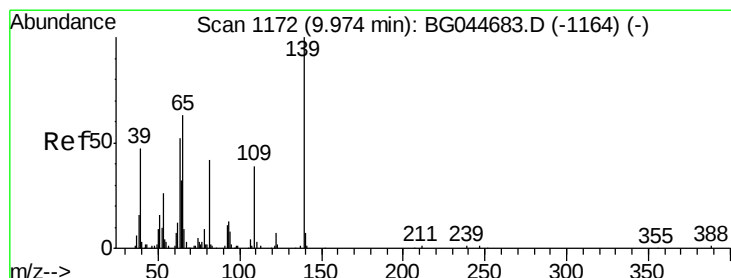
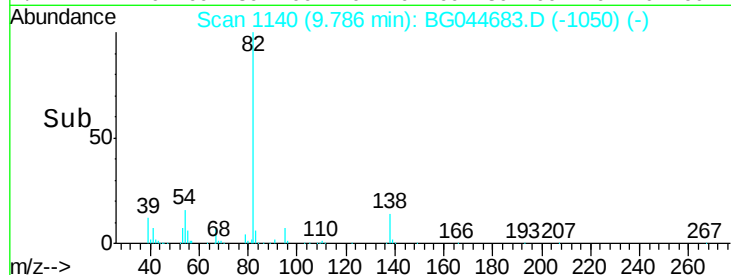
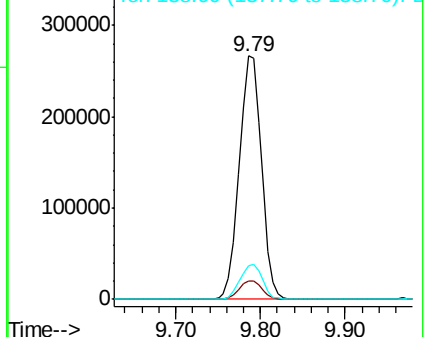
82 100

95 7.5 6.0 9.0

138 14.0 11.2 16.8



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: 26.621 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

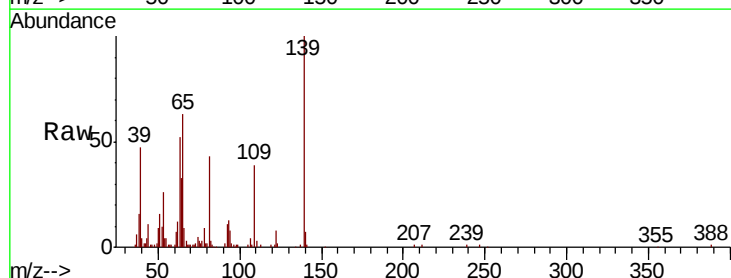
Tgt Ion: 139 Resp: 72141

Ion Ratio Lower Upper

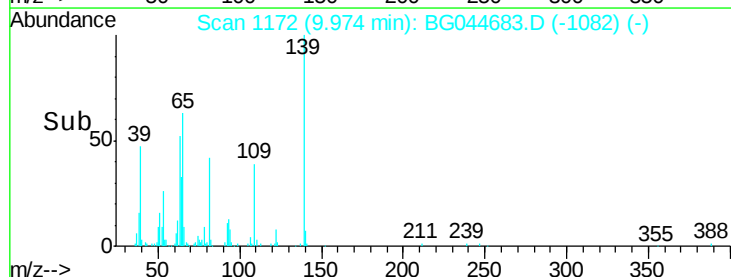
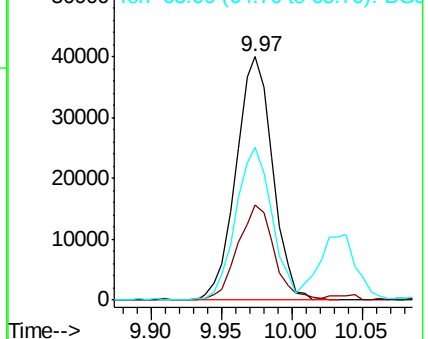
139 100

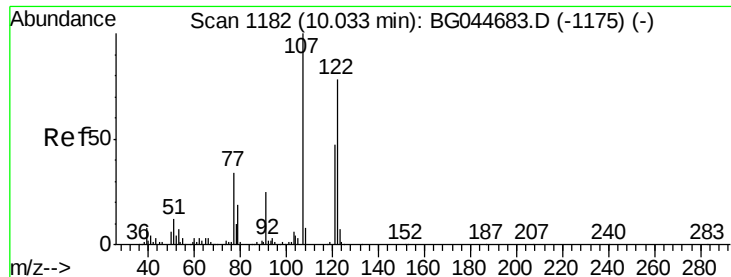
109 38.9 31.1 46.7

65 62.8 50.2 75.4



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

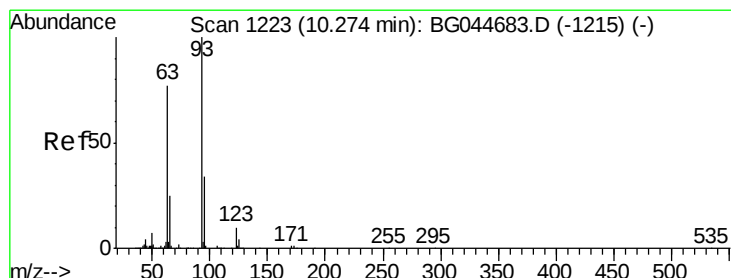
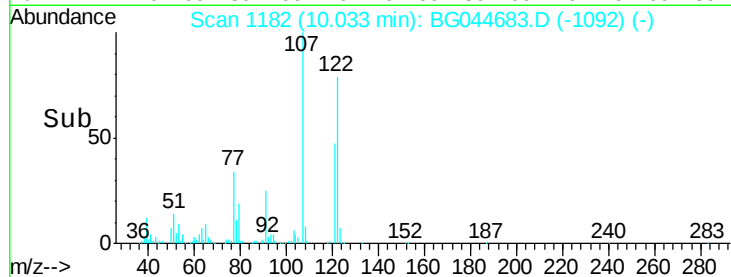
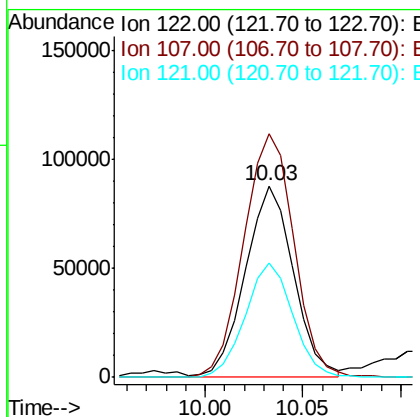
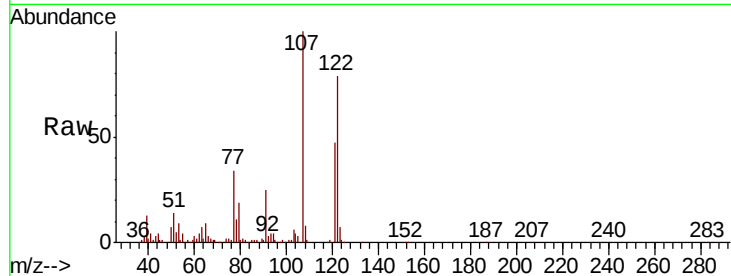




#27
 2,4-Dimethylphenol
 Concen: 39.307 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

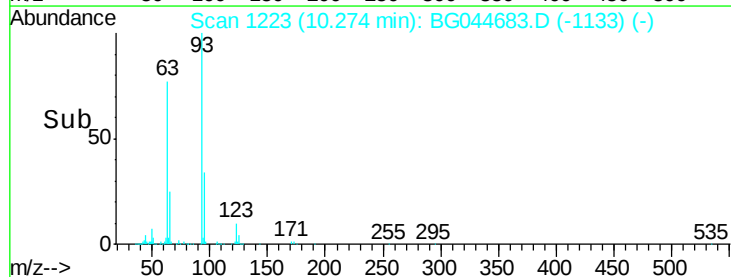
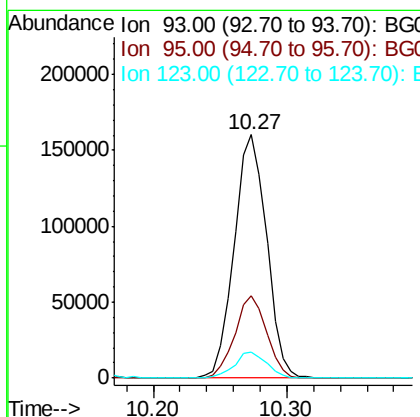
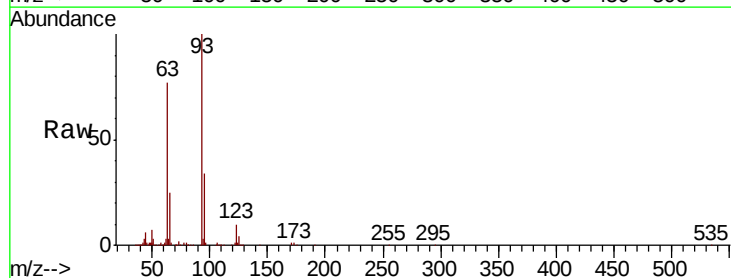
Instrument :
 BNA_G
 ClientSampled :

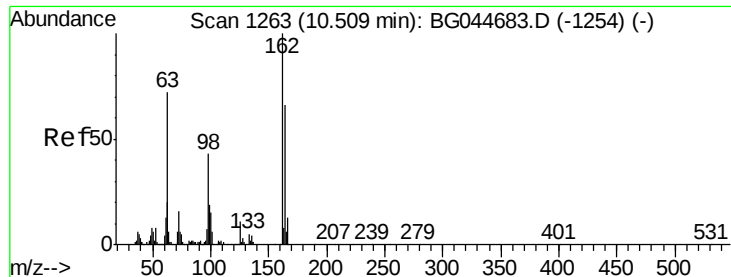
Tot Ion:122 Resp: 149564
 Ion Ratio Lower Upper
 122 100
 107 127.1 101.7 152.5
 121 59.4 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.292 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

Tgt Ion: 93 Resp: 269848
 Ion Ratio Lower Upper
 93 100
 95 33.8 27.0 40.6
 123 10.4 8.3 12.5

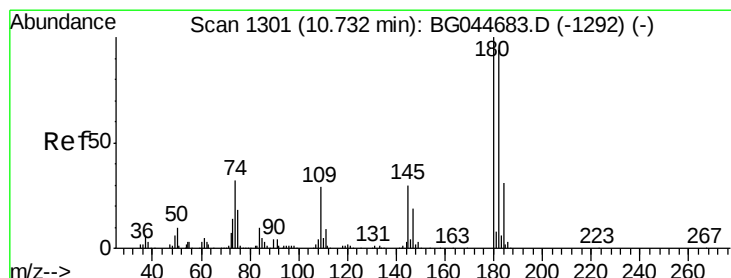
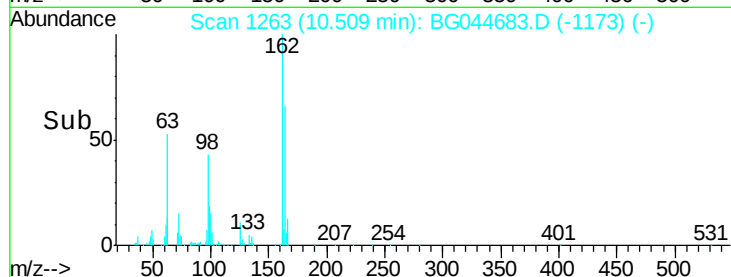
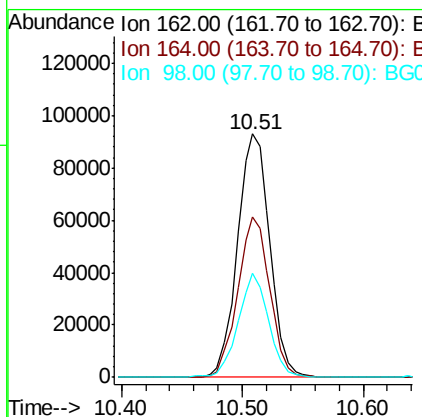
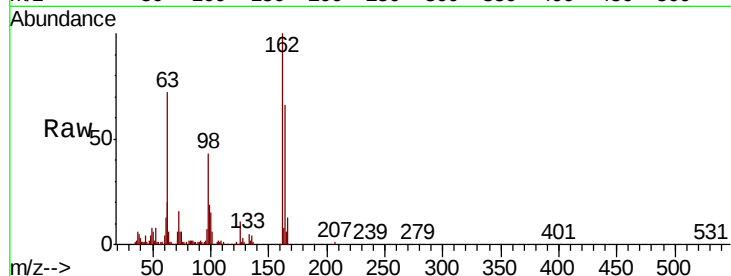




#29
 2,4-Dichlorophenol
 Concen: 38.017 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

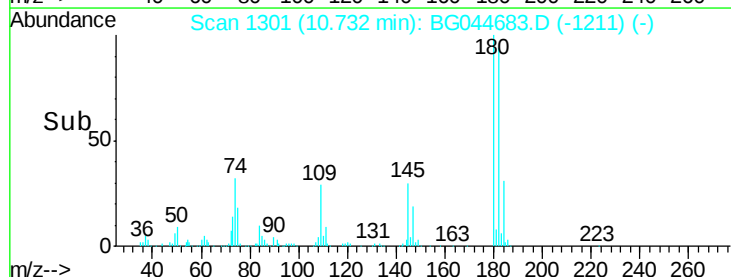
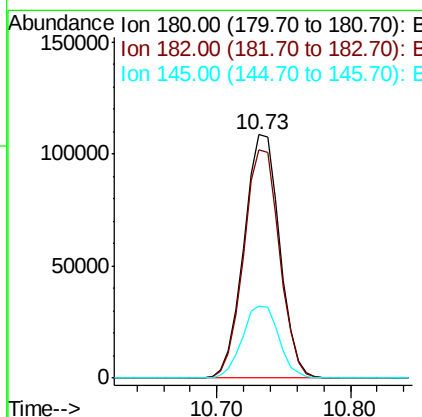
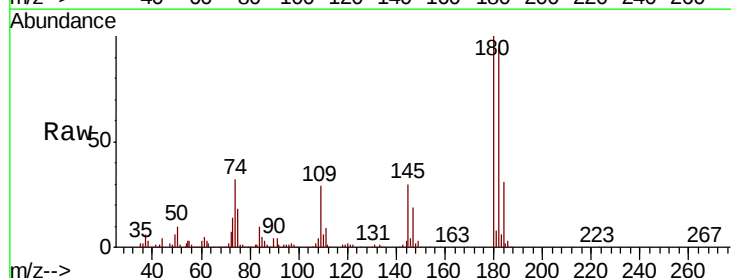
Instrument :
 BNA_G
 ClientSampleId :

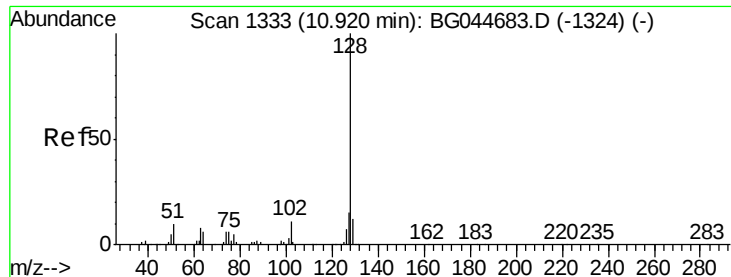
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	46.1	86.1
98	42.8	22.8	62.8



#30
 1,2,4-Trichlorobenzene
 Concen: 38.094 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.1	112.7
145	29.8	23.8	35.8

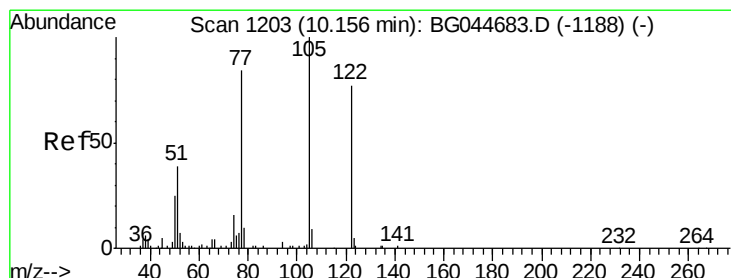
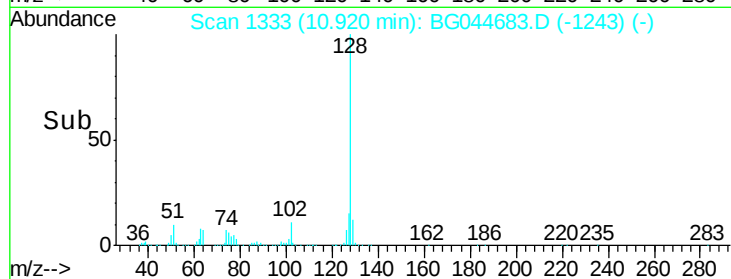
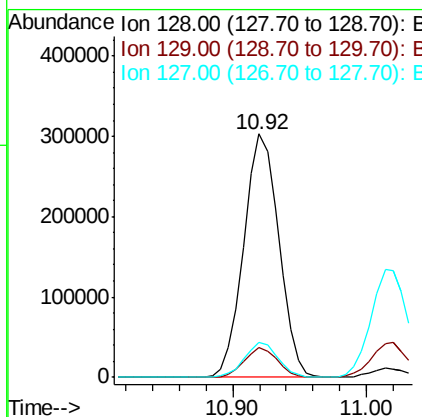
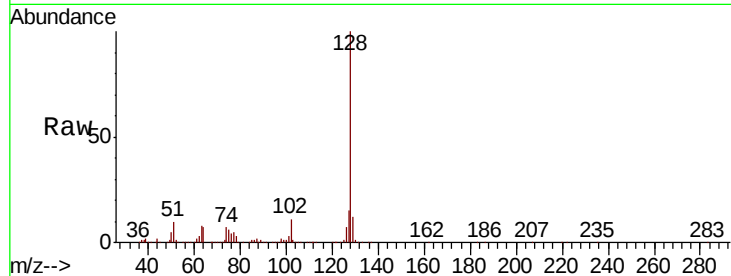




#31
Naphthalene
Concen: 38.031 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

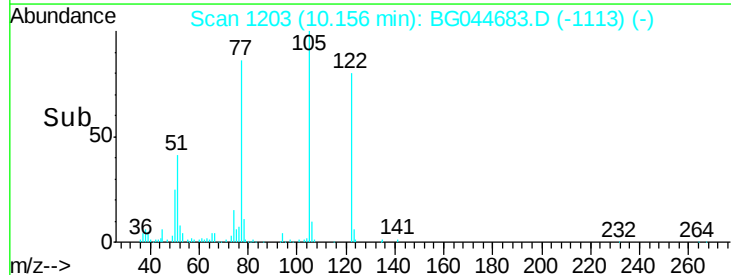
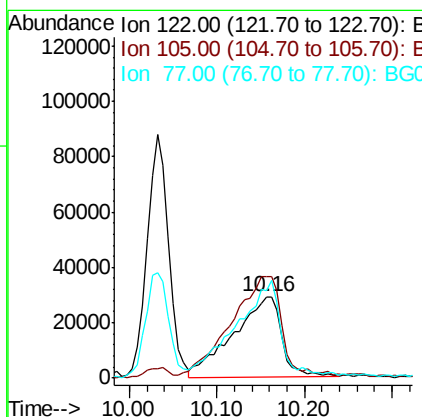
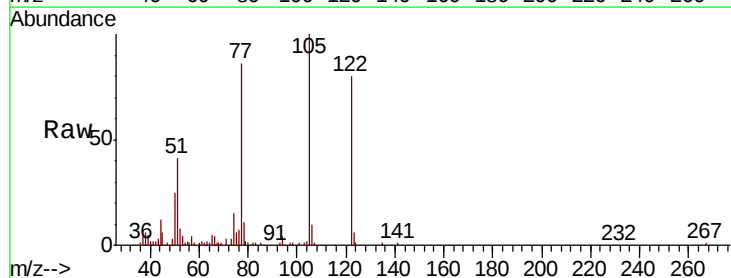
Instrument :
BNA_G
ClientSampleId :

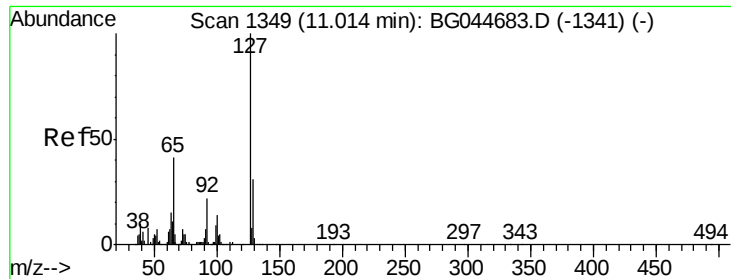
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.7	14.5
127	14.5	11.6	17.4



#32
Benzoic acid
Concen: 73.350 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.1	105.1	145.1
77	107.7	87.7	127.7

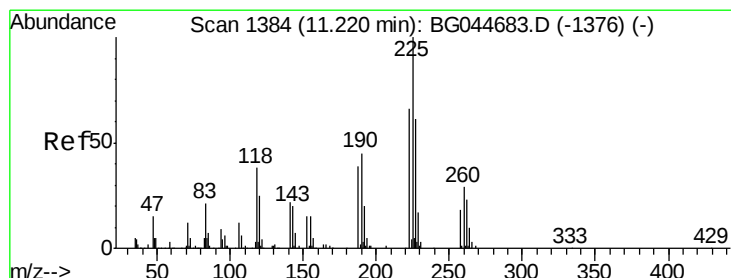
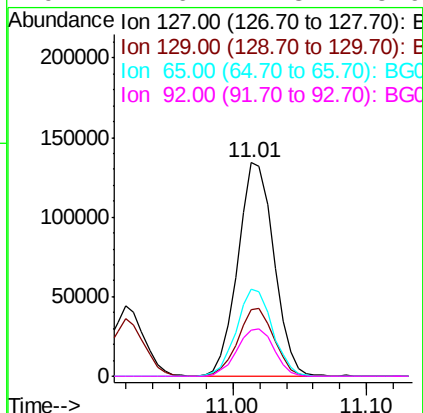
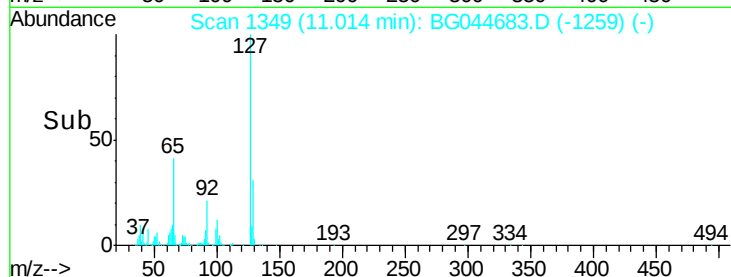
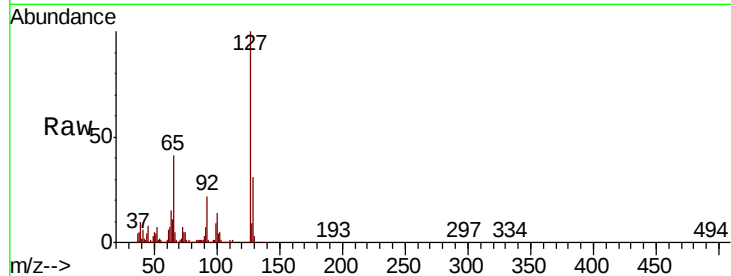




#33
4-Chloroaniline
Concen: 39.327 ng
RT: 11.01 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

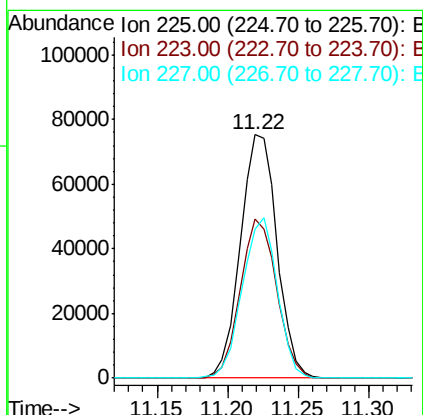
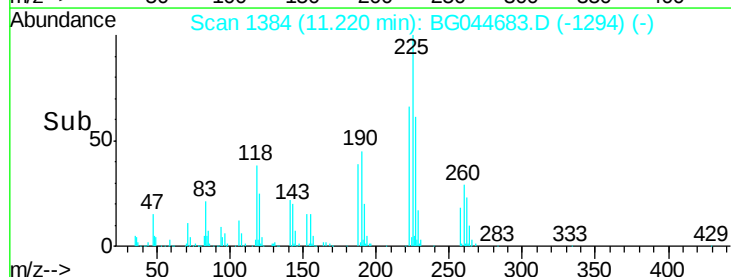
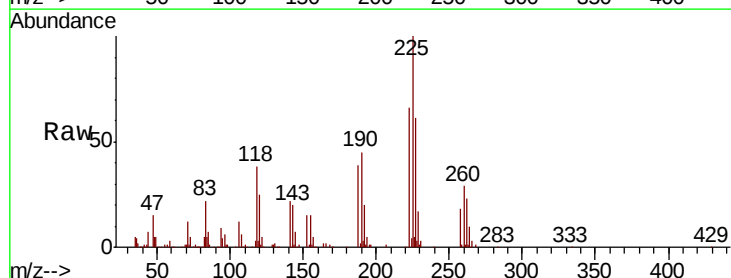
Instrument :
BNA_G
ClientSampleId :

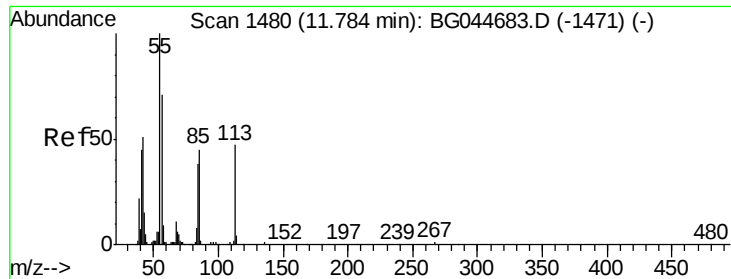
Tot Ion:127	Resp:	251148
Ion	Ratio	Lower Upper
127	100	
129	31.2	25.0 37.4
65	40.9	32.7 49.1
92	21.6	17.3 25.9



#34
Hexachlorobutadiene
Concen: 41.335 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

Tgt Ion:225	Resp:	136568
Ion	Ratio	Lower Upper
225	100	
223	65.5	52.4 78.6
227	60.9	48.7 73.1

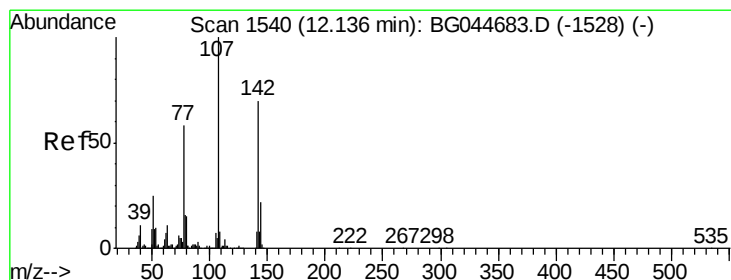
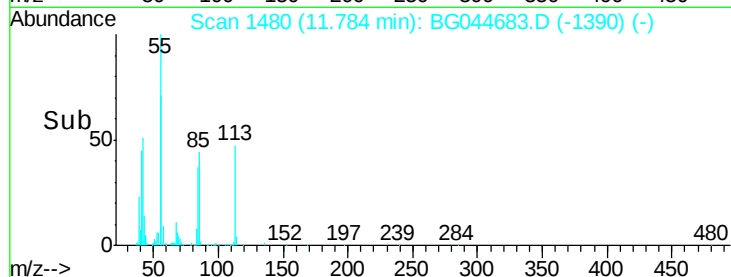
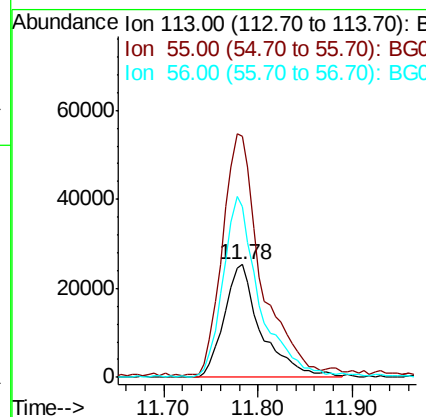
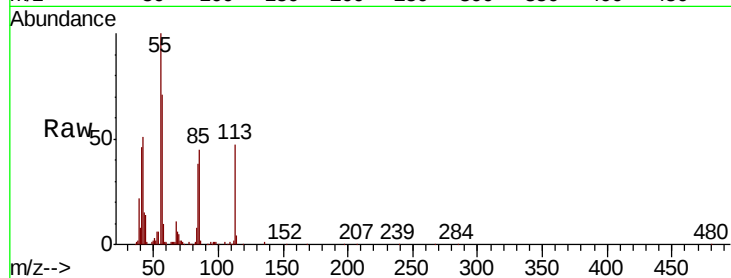




#35
 Caprolactam
 Concen: 42.685 ng
 RT: 11.78 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

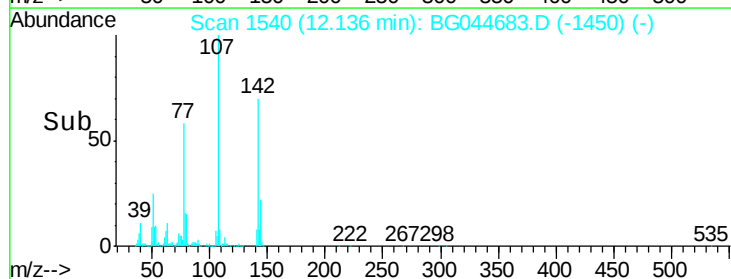
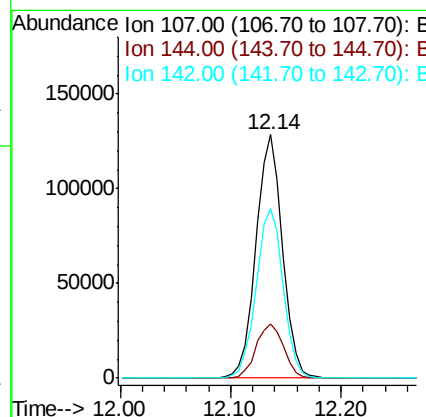
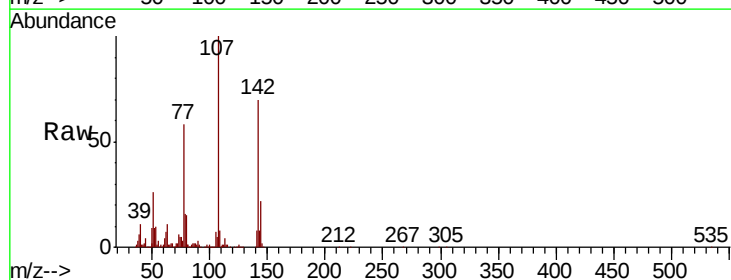
Instrument :
 BNA_G
 ClientSampleId :

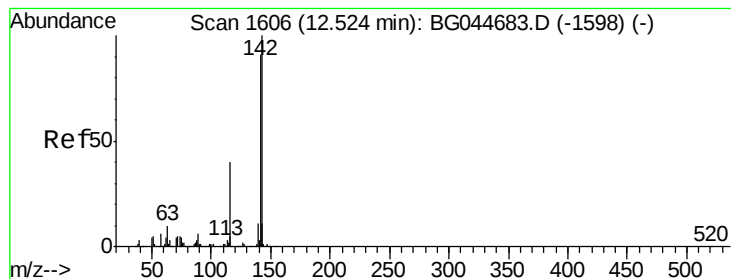
Tot Ion:113 Resp: 69512
 Ion Ratio Lower Upper
 113 100
 55 214.3 194.3 234.3
 56 151.4 131.4 171.4



#36
 4-Chloro-3-methylphenol
 Concen: 46.306 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

Tgt Ion:107 Resp: 216834
 Ion Ratio Lower Upper
 107 100
 144 22.4 17.9 26.9
 142 69.8 55.8 83.8





#37

2-Methylnaphthalene

Concen: 39.439 ng

RT: 12.52 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampleId :

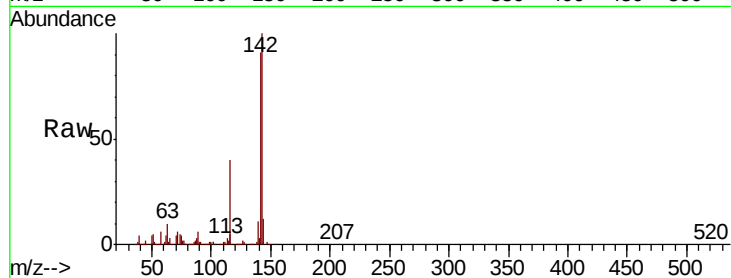
Tot Ion:142 Resp: 422618

Ion Ratio Lower Upper

142 100

141 91.1 72.9 109.3

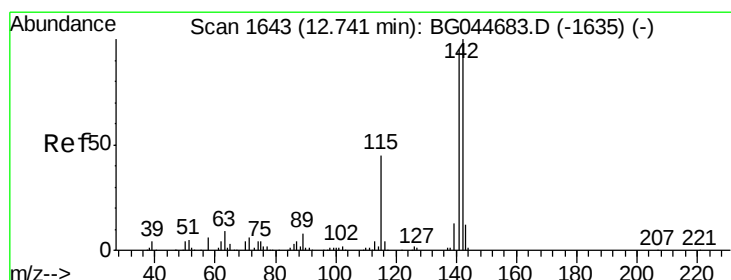
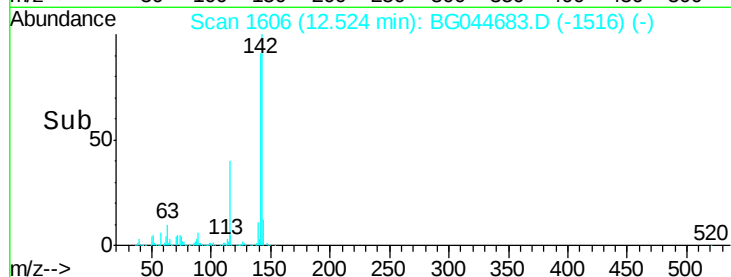
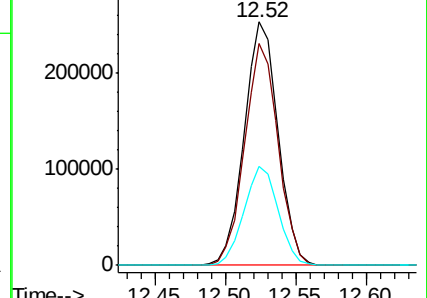
115 40.4 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.688 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

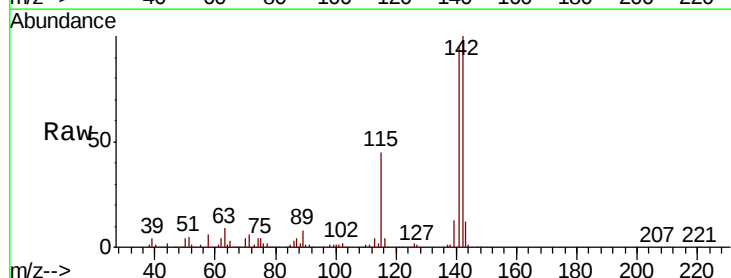
Tgt Ion:142 Resp: 393922

Ion Ratio Lower Upper

142 100

141 95.2 76.2 114.2

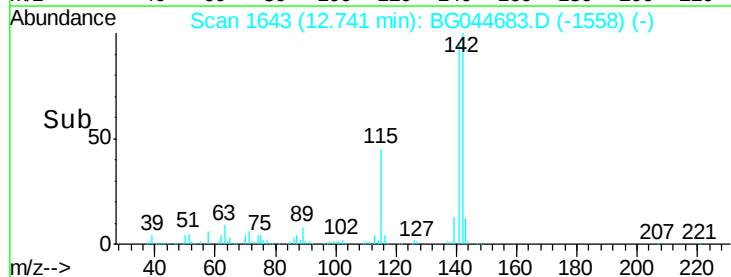
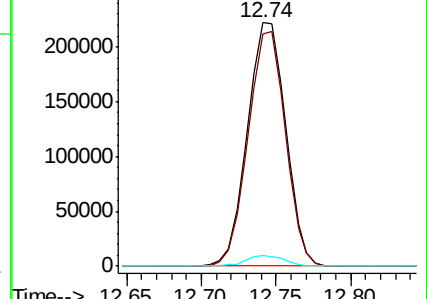
116 4.2 3.4 5.0

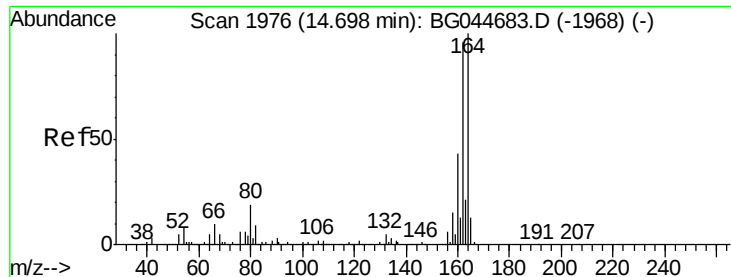


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampleId :

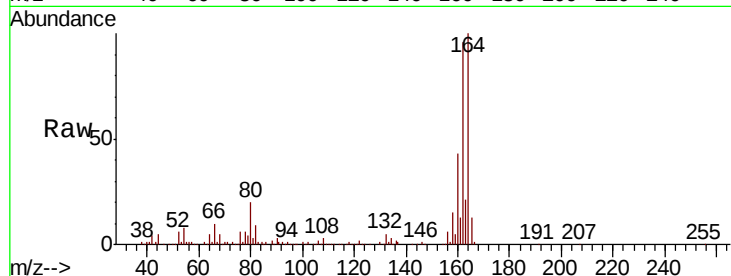
Tot Ion:164 Resp: 185738

Ion Ratio Lower Upper

164 100

162 95.6 76.5 114.7

160 43.5 34.8 52.2

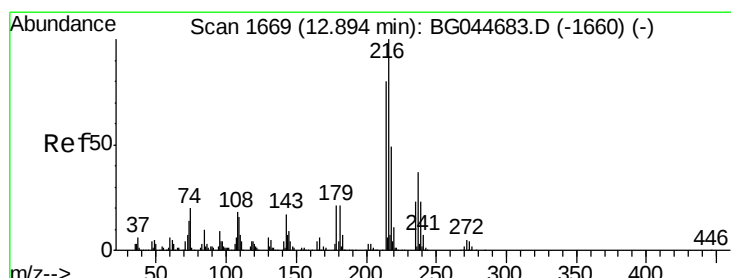
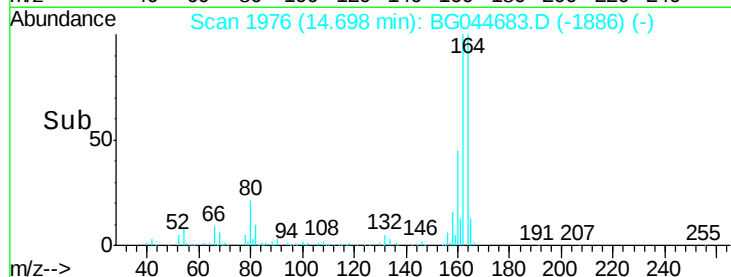
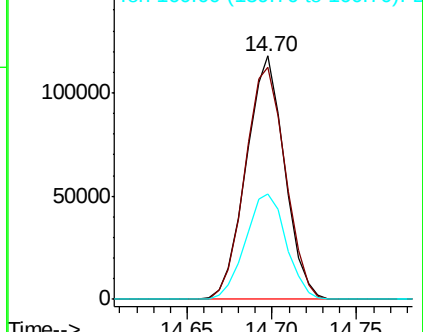


Abundance

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: 36.050 ng

RT: 12.89 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Tgt Ion:216 Resp: 225414

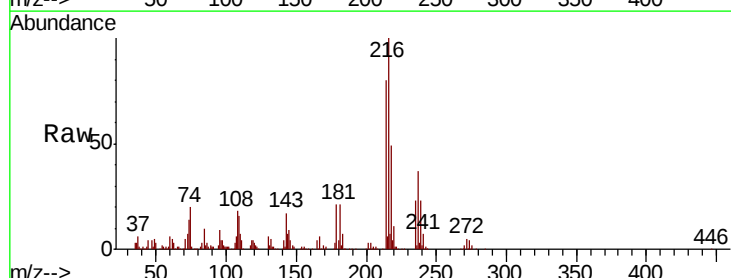
Ion Ratio Lower Upper

216 100

214 80.6 64.5 96.7

179 20.9 16.7 25.1

108 19.7 15.8 23.6



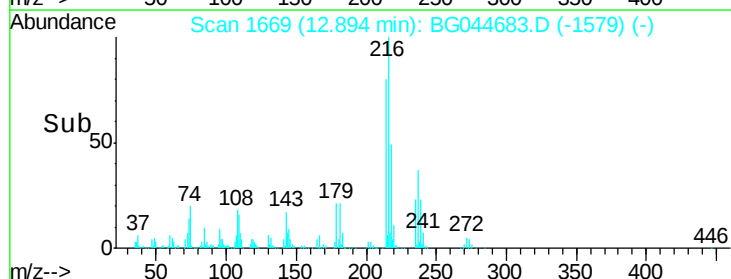
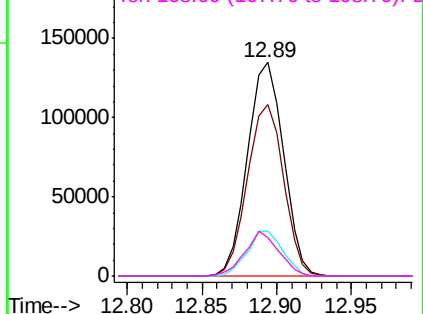
Abundance

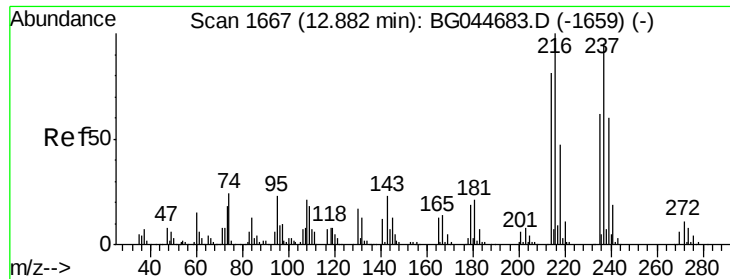
Ion 216.00 (215.70 to 216.70): E

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: 53.445 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampleId :

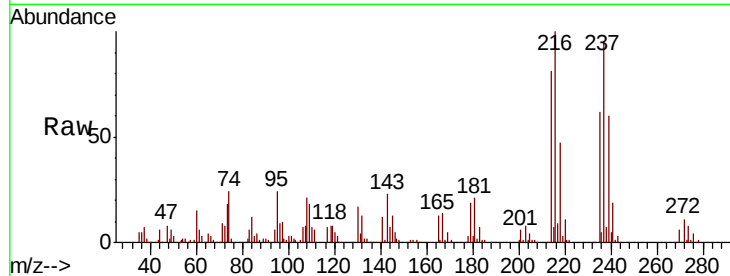
Tot Ion:237 Resp: 131833

Ion Ratio Lower Upper

237 100

235 64.7 44.7 84.7

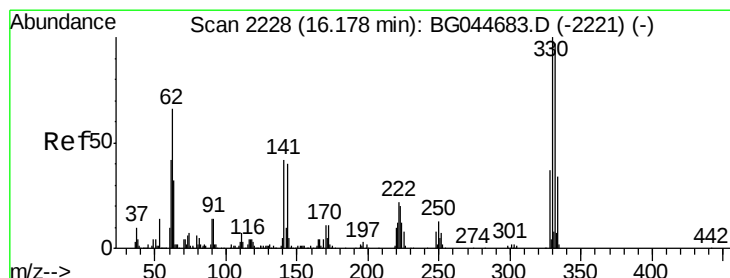
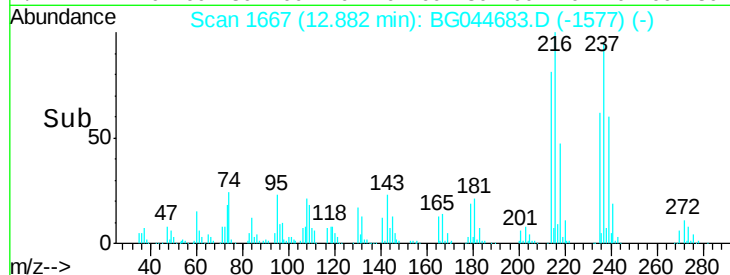
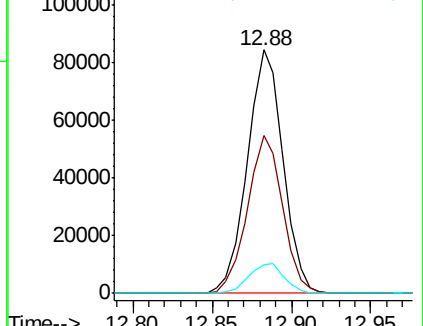
272 11.7 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 73.306 ng

RT: 16.18 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

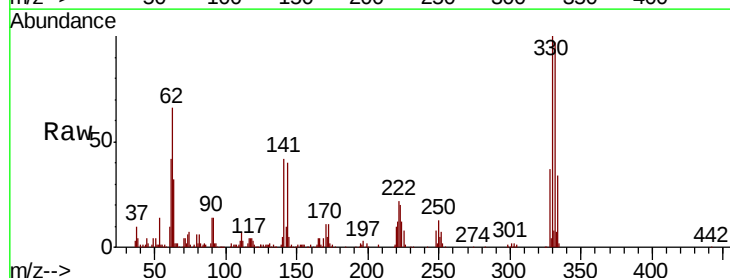
Tgt Ion:330 Resp: 193059

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

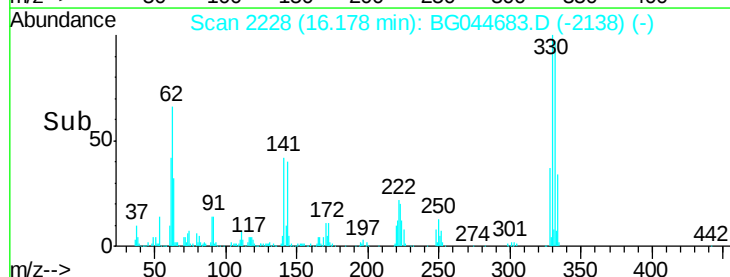
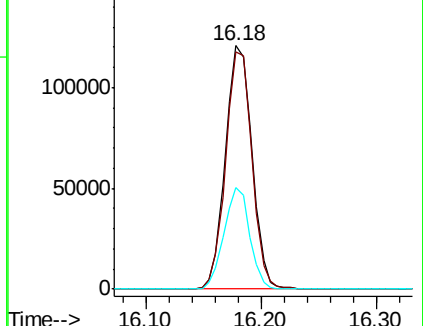
141 40.5 32.4 48.6

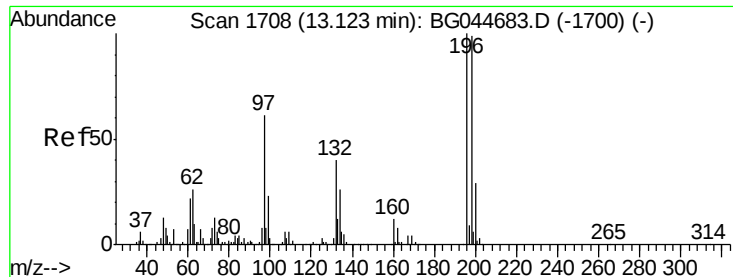


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

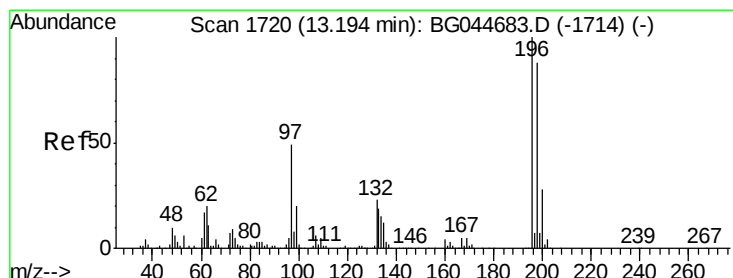
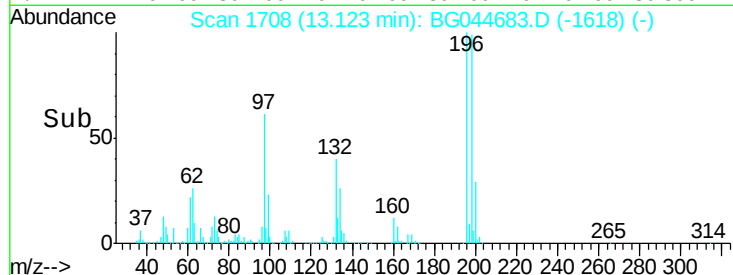
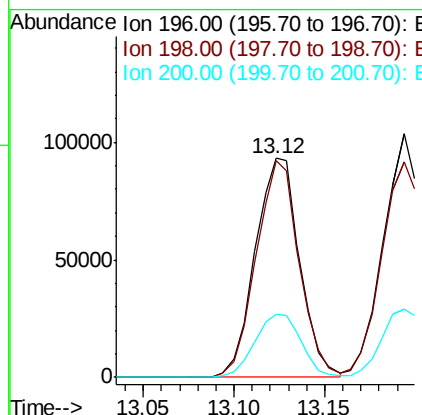
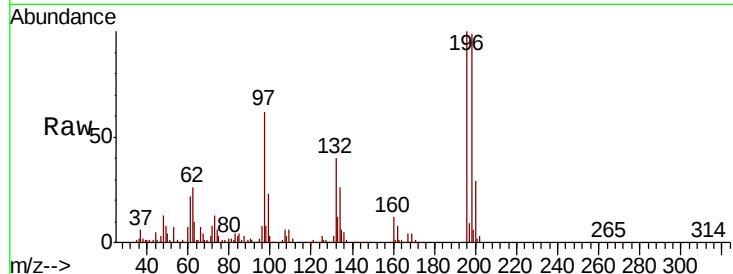




#43
2,4,6-Trichlorophenol
Concen: 39.285 ng
RT: 13.12 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

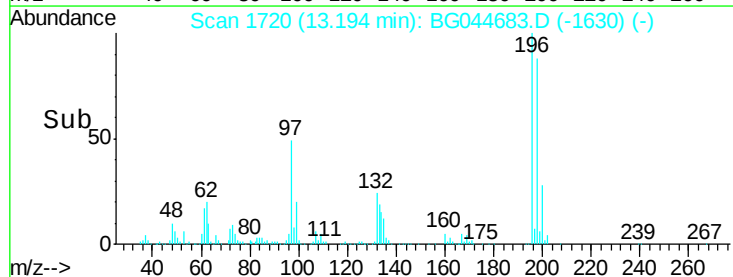
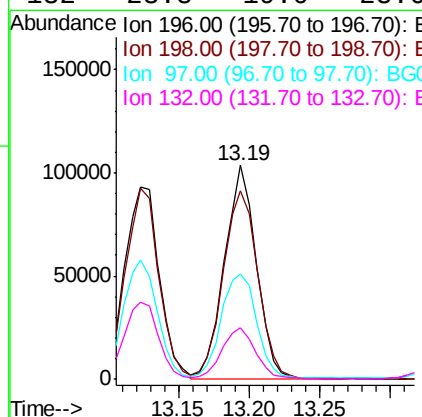
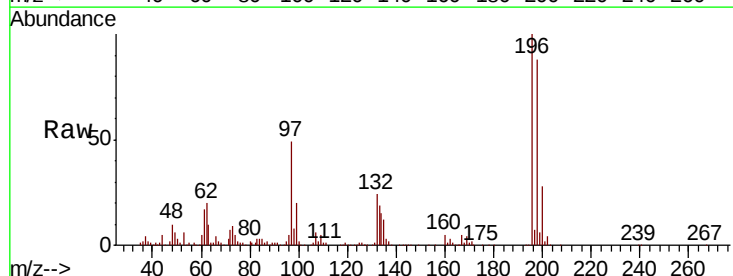
Instrument :
BNA_G
ClientSampleId :

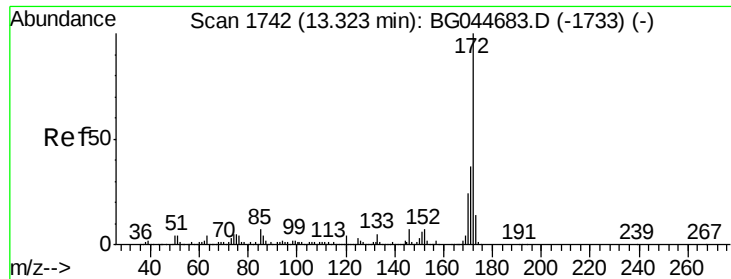
Tot Ion	196	Resp	159497
Ion Ratio	Lower	Upper	
196	100		
198	99.1	79.3	118.9
200	28.8	23.0	34.6



#44
2,4,5-Trichlorophenol
Concen: 39.176 ng
RT: 13.19 min Scan# 1720
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

Tgt Ion	196	Resp	163389
Ion Ratio	Lower	Upper	
196	100		
198	88.4	70.7	106.1
97	49.3	39.4	59.2
132	23.8	19.0	28.6



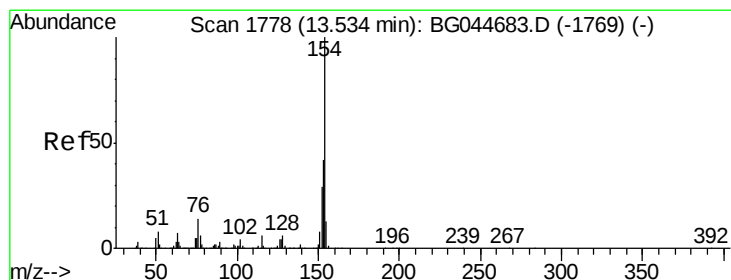
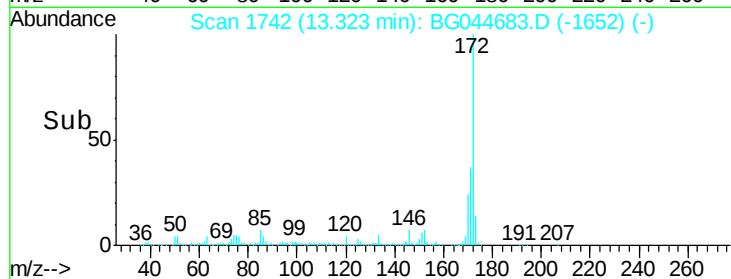
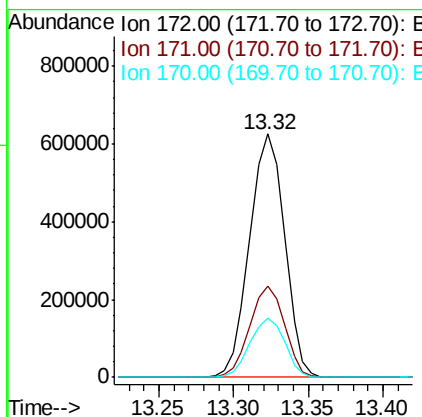
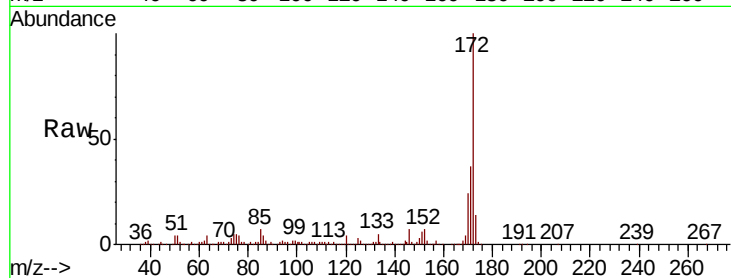


#45
 2-Fluorobiphenyl
 Concen: 78.436 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1017359

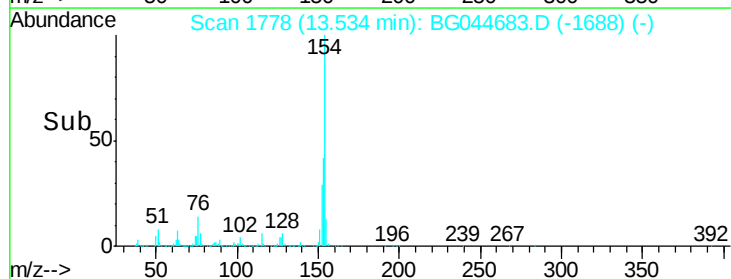
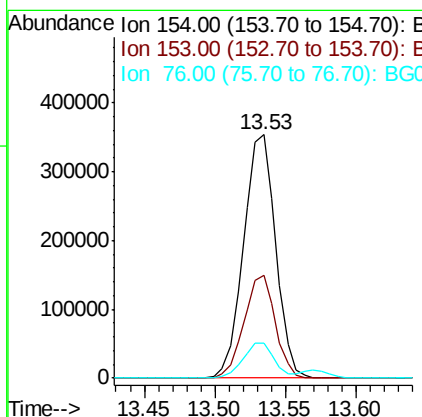
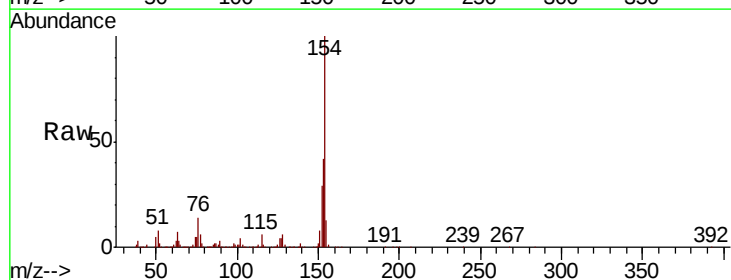
Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.8
170	24.1	19.3	28.9

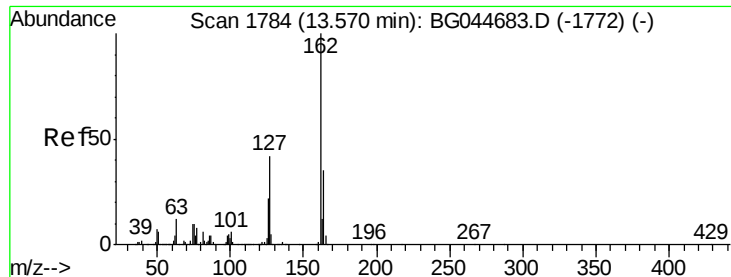


#46
 1,1'-Biphenyl
 Concen: 36.604 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

Tgt Ion:154 Resp: 562624

Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.1	62.1
76	14.5	0.0	34.5

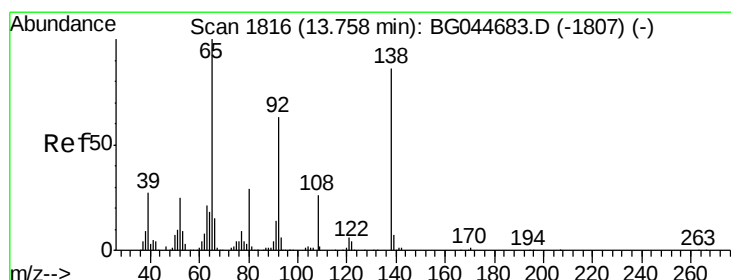
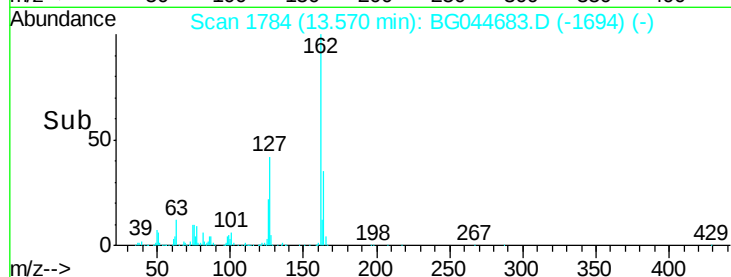
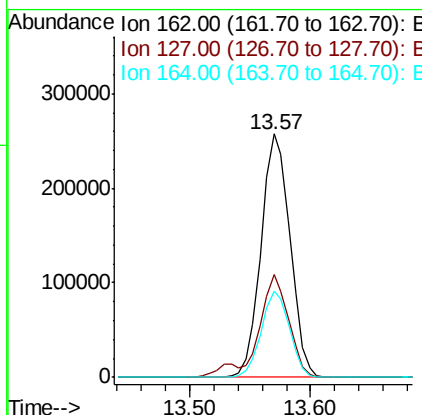
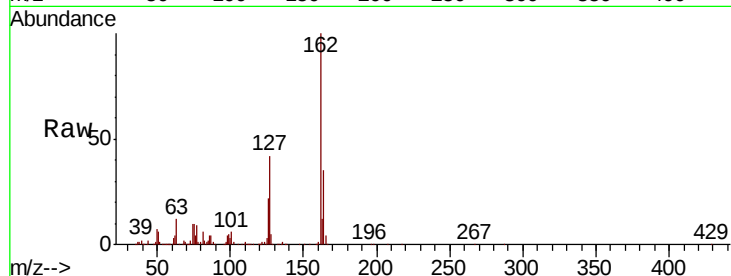




#47
2-Chloronaphthalene
Concen: 35.430 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

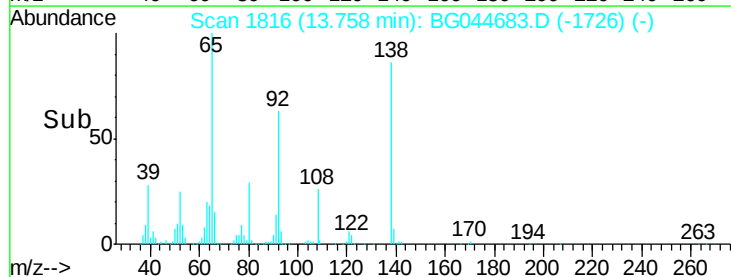
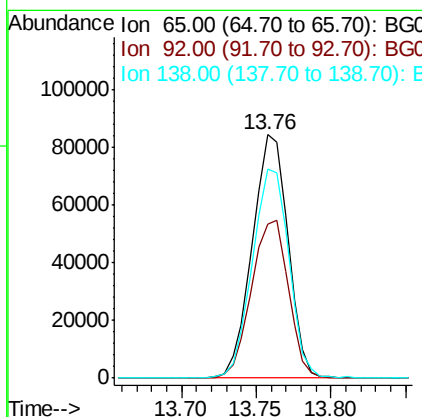
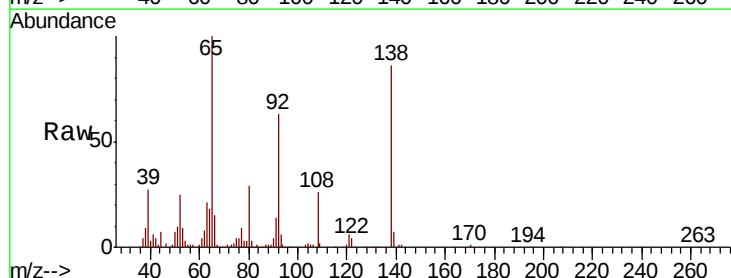
Instrument :
BNA_G
ClientSampleId :

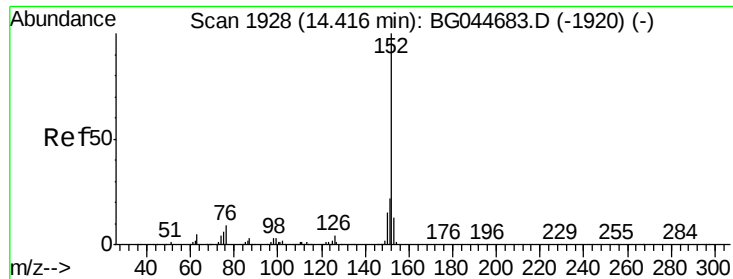
Tot Ion:162 Resp: 427033
Ion Ratio Lower Upper
162 100
127 42.4 33.9 50.9
164 35.4 28.3 42.5



#48
2-Nitroaniline
Concen: 41.678 ng
RT: 13.76 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

Tgt Ion: 65 Resp: 139447
Ion Ratio Lower Upper
65 100
92 63.2 50.6 75.8
138 86.0 68.8 103.2





#49

Acenaphthylene

Concen: 38.326 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampleId :

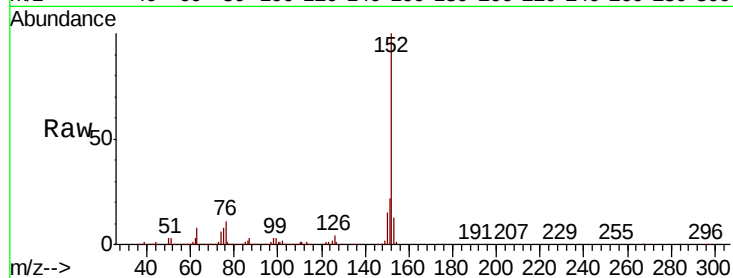
Tot Ion:152 Resp: 681896

Ion Ratio Lower Upper

152 100

151 22.0 17.6 26.4

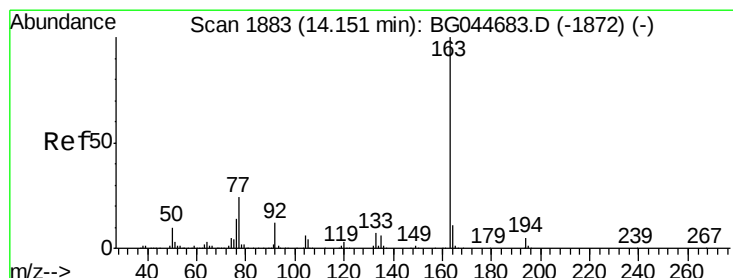
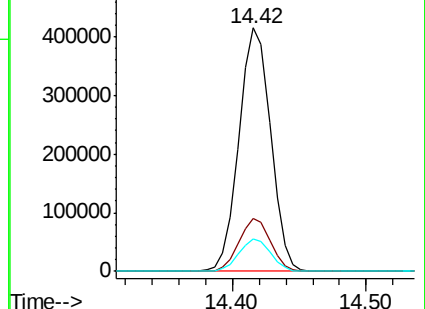
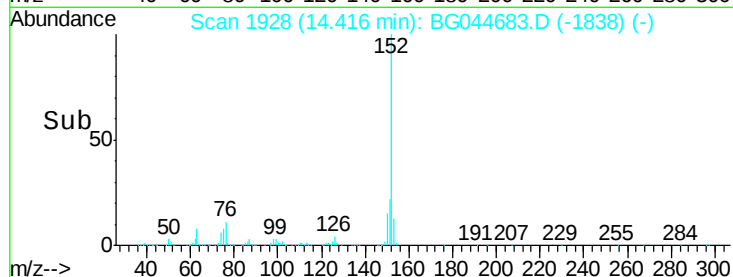
153 13.4 10.7 16.1



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: 38.869 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

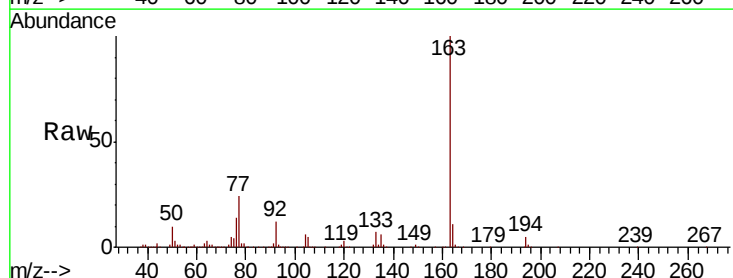
Tgt Ion:163 Resp: 582698

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

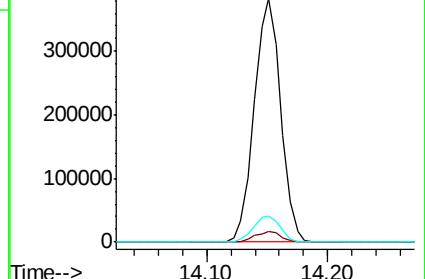
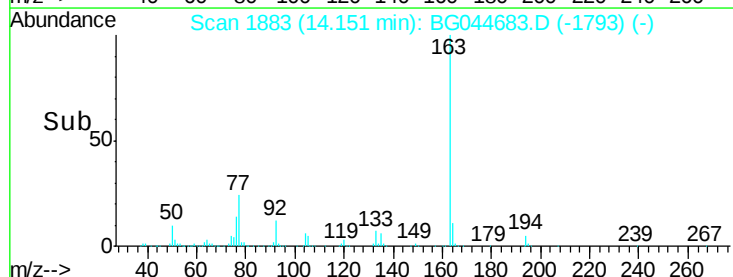
164 10.7 8.6 12.8

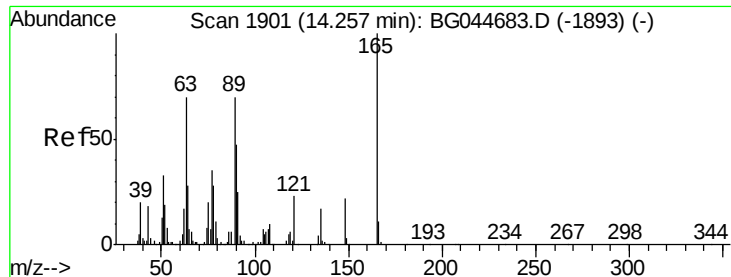


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

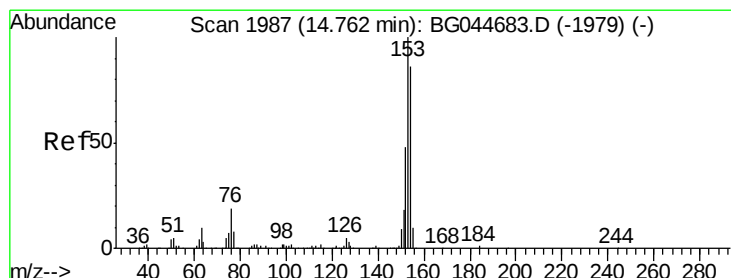
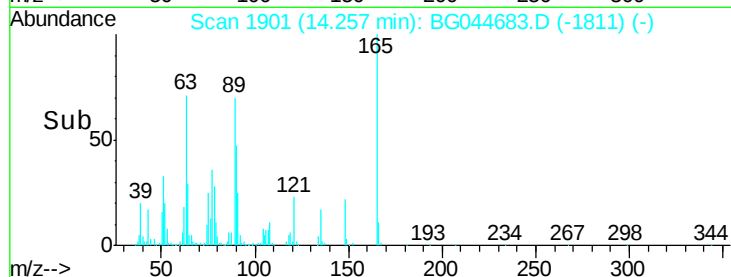
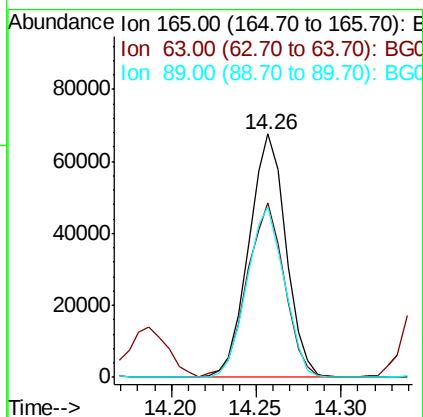
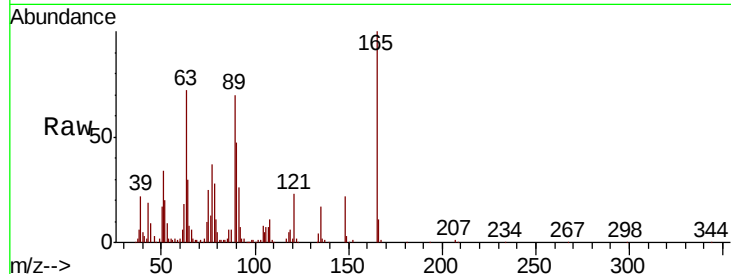




#51
 2,6-Dinitrotoluene
 Concen: 31.275 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

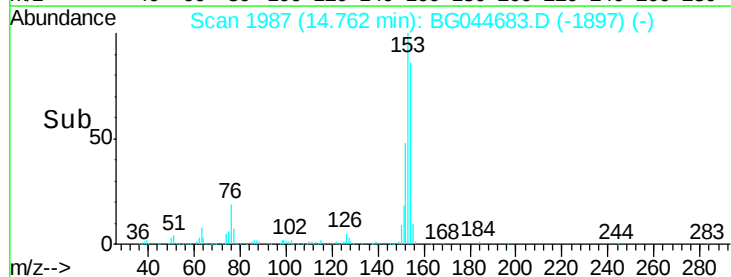
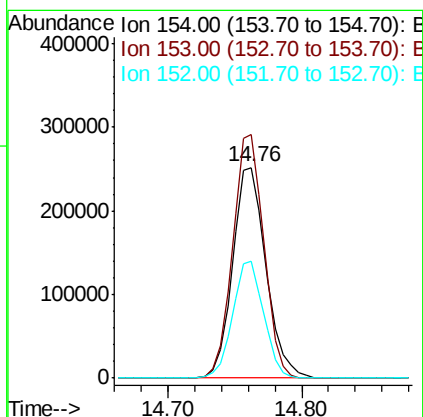
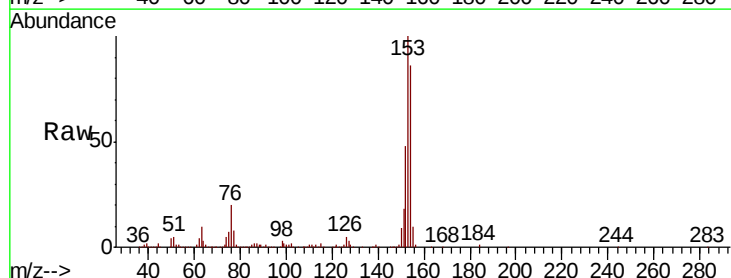
Instrument :
 BNA_G
 ClientSampleId :

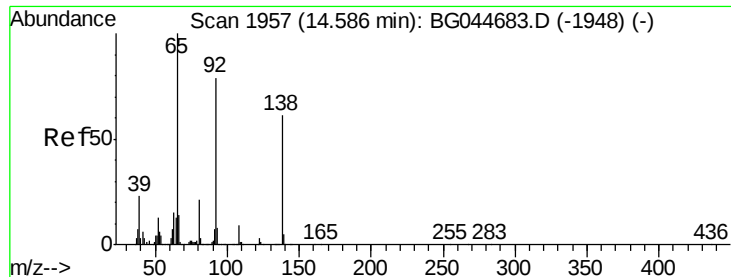
Tot Ion:165 Resp: 103406
 Ion Ratio Lower Upper
 165 100
 63 71.7 57.4 86.0
 89 70.2 56.2 84.2



#52
 Acenaphthene
 Concen: 38.405 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

Tgt Ion:154 Resp: 435567
 Ion Ratio Lower Upper
 154 100
 153 115.7 92.6 138.8
 152 55.3 44.2 66.4





#53

3-Nitroaniline

Concen: 33.505 ng

RT: 14.59 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampled :

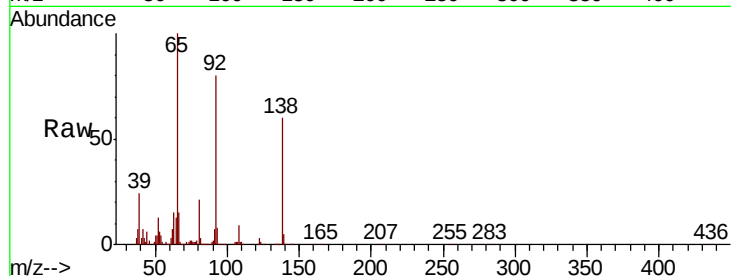
Tot Ion:138 Resp: 119471

Ion Ratio Lower Upper

138 100

108 15.3 12.2 18.4

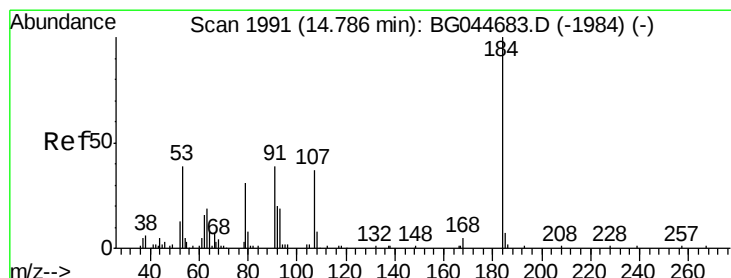
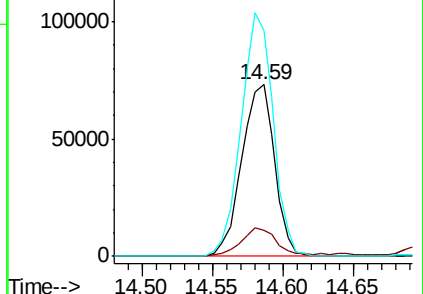
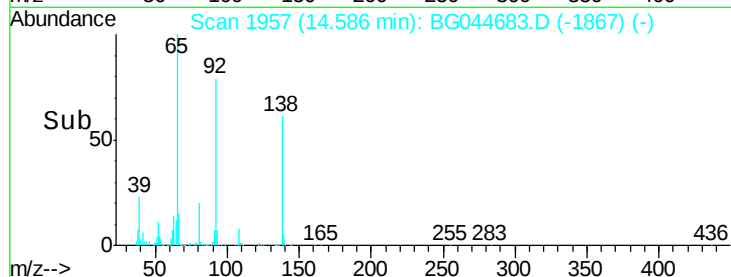
92 131.4 105.1 157.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 29.478 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

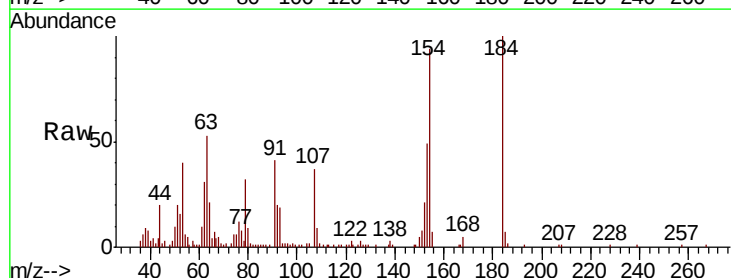
Tgt Ion:184 Resp: 46833

Ion Ratio Lower Upper

184 100

63 53.0 42.4 63.6

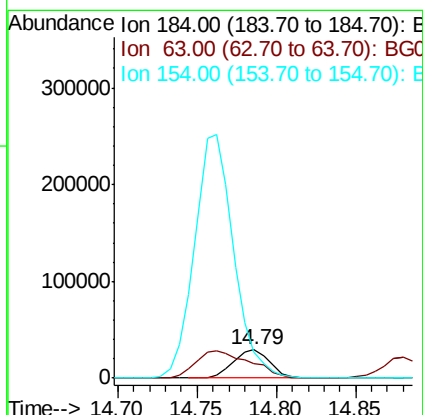
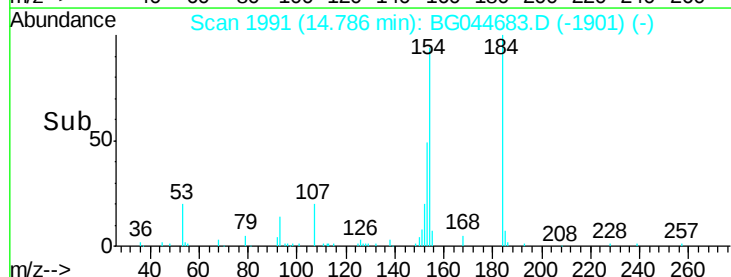
154 93.7 75.0 112.4

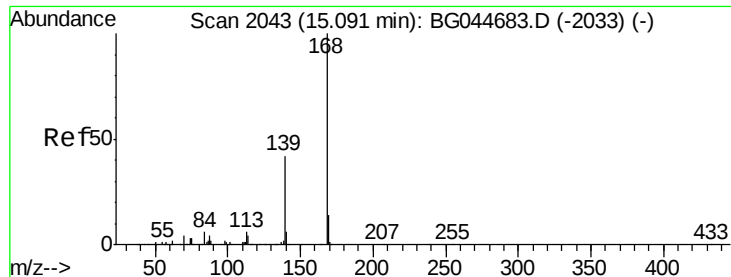


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

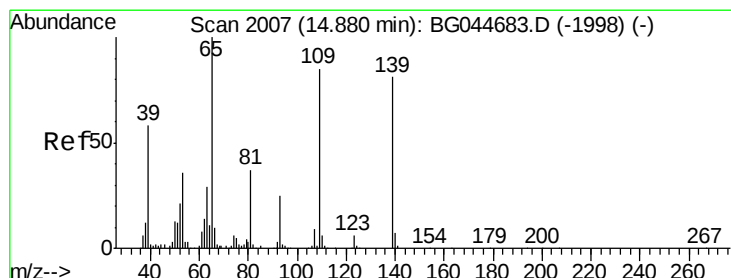
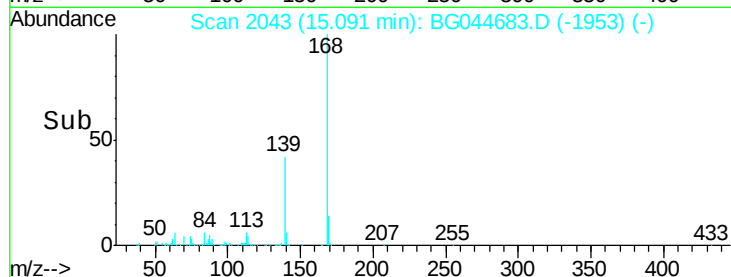
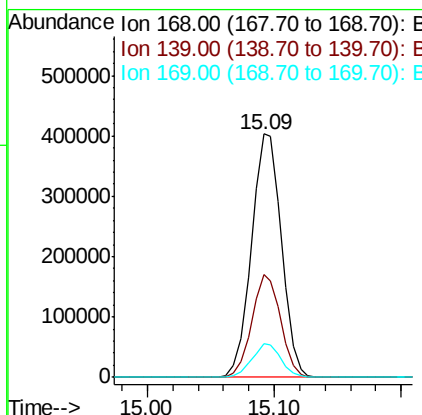
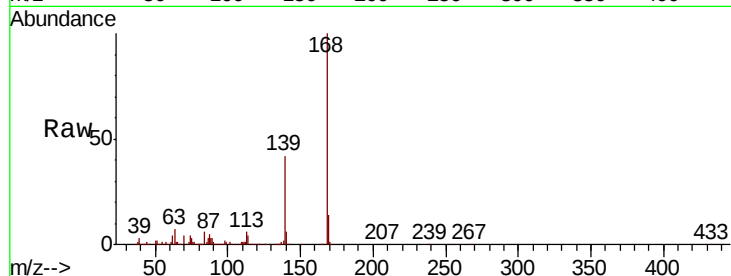




#55
Dibenzofuran
Concen: 38.100 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

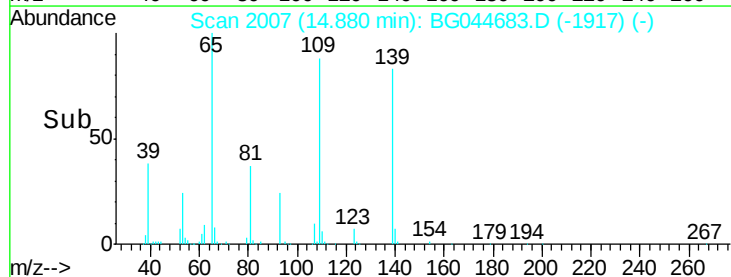
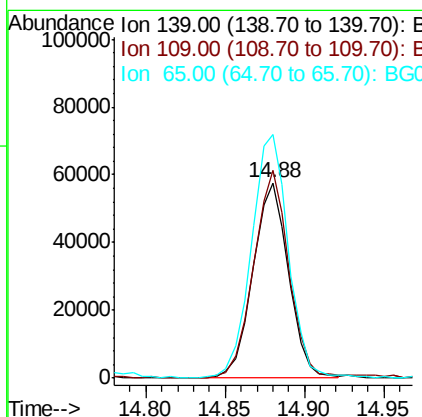
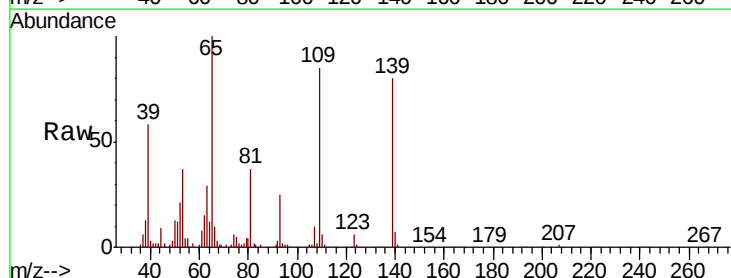
Instrument :
BNA_G
ClientSampleId :

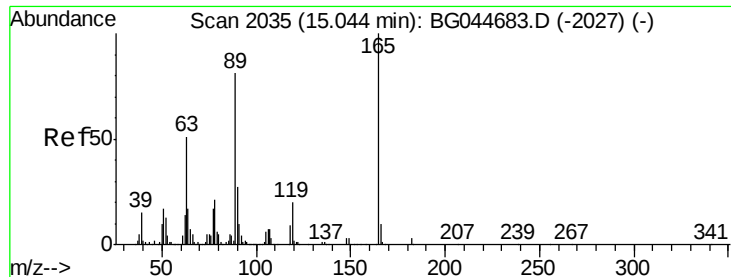
Tot Ion	Ratio	Lower	Upper
168	100		
139	42.2	33.8	50.6
169	13.7	11.0	16.4



#56
4-Nitrophenol
Concen: 36.668 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.0	86.0	126.0
65	124.5	104.5	144.5

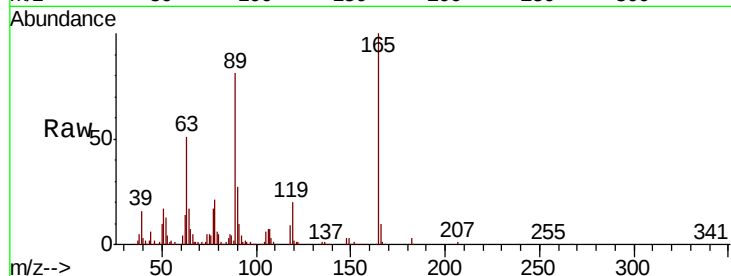




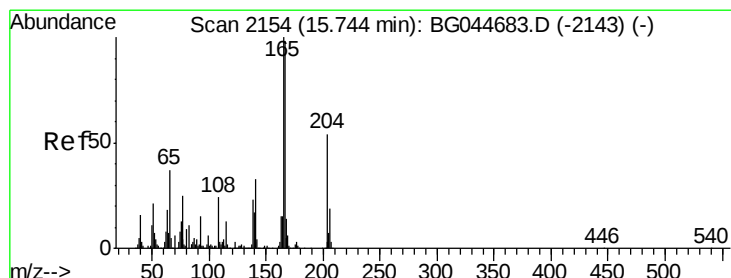
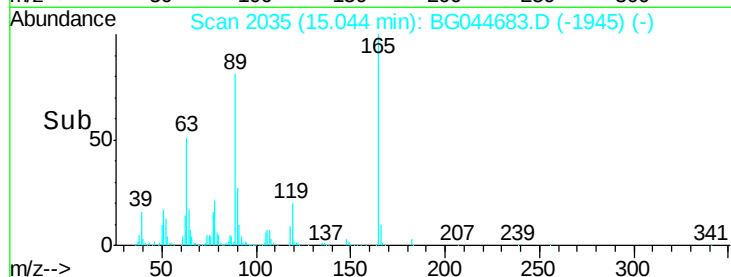
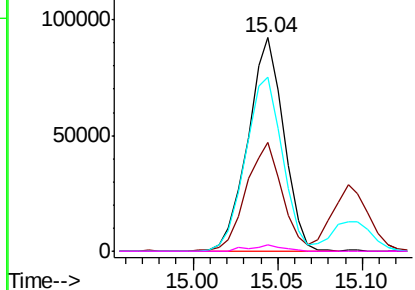
#57
 2,4-Dinitrotoluene
 Concen: 29.271 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	136063
Ion	Ratio	Lower	Upper
165	100		
63	50.8	40.6	61.0
89	81.3	65.0	97.6
182	3.0	2.4	3.6

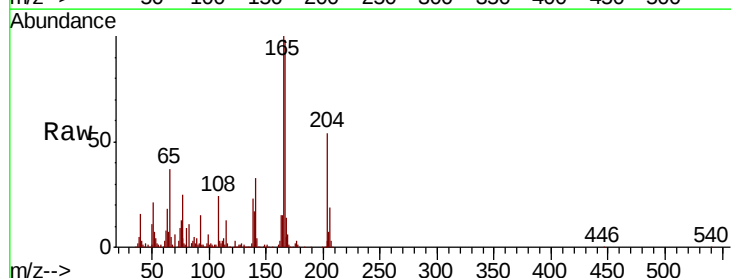


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

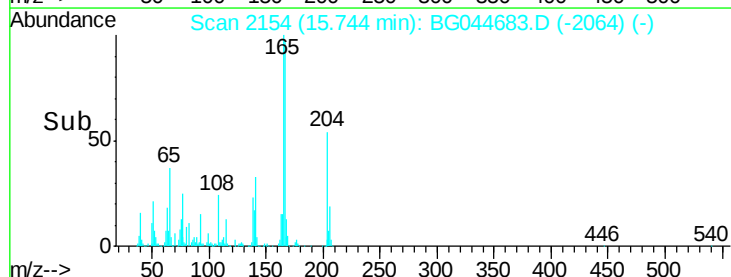
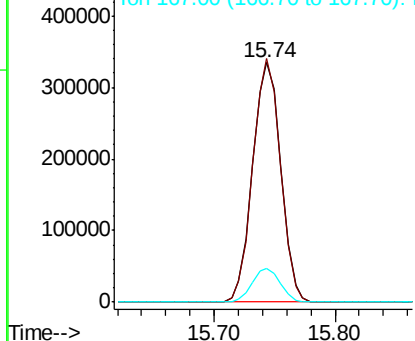


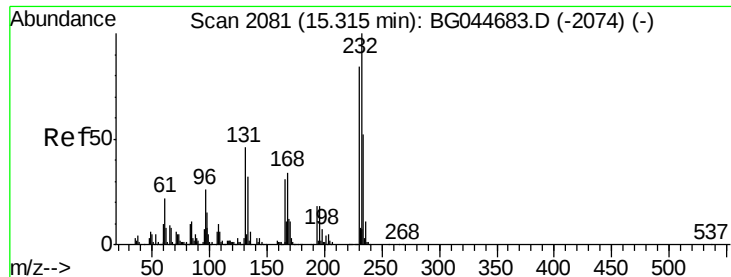
#58
 Fluorene
 Concen: 39.560 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

Tgt Ion:	166	Resp:	545369
Ion	Ratio	Lower	Upper
166	100		
165	101.6	81.3	121.9
167	13.8	11.0	16.6



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.742 ng

RT: 15.23 min Scan# 2067

Delta R.T. -0.08 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 152635

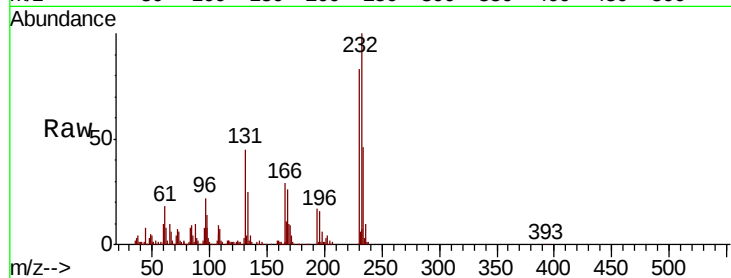
Ion Ratio Lower Upper

232 100

131 42.2 33.0 49.6

130 2.7 2.2 3.2

166 26.1 20.4 30.6

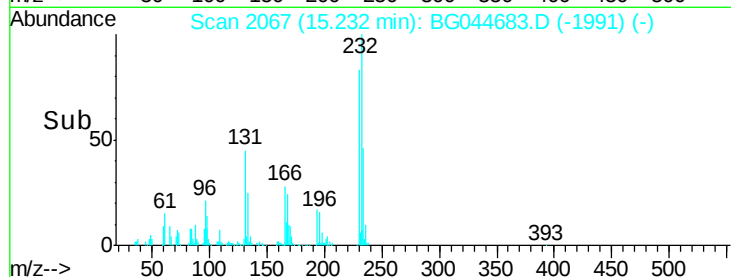


Abundance Ion 232.00 (231.70 to 232.70): E

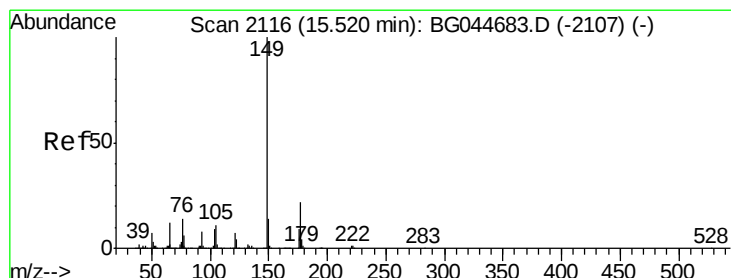
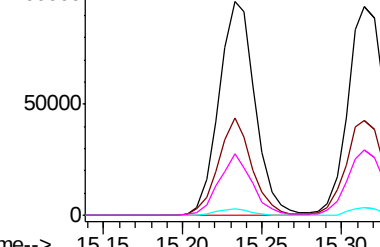
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 41.818 ng

RT: 15.52 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

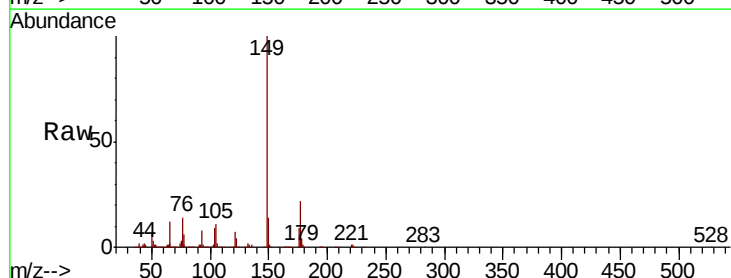
Tgt Ion:149 Resp: 621168

Ion Ratio Lower Upper

149 100

177 21.9 17.5 26.3

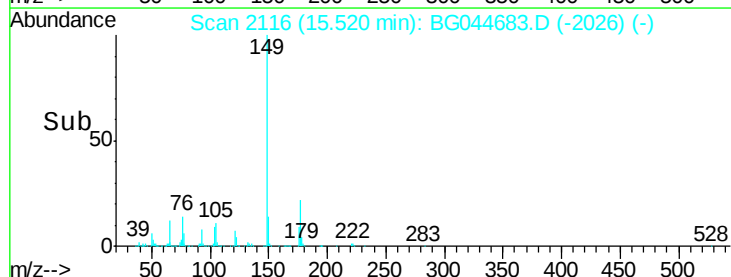
150 13.5 10.8 16.2



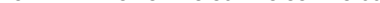
Abundance Ion 149.00 (148.70 to 149.70): E

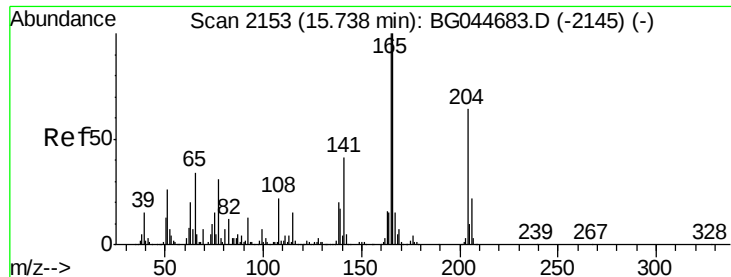
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

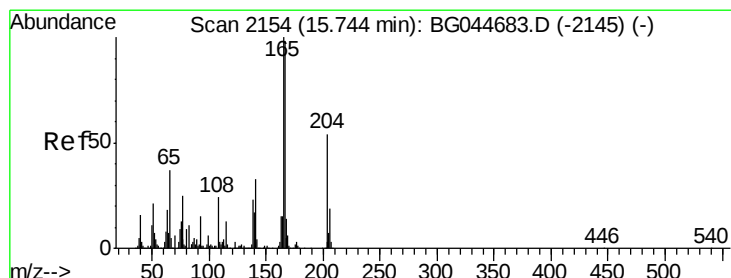
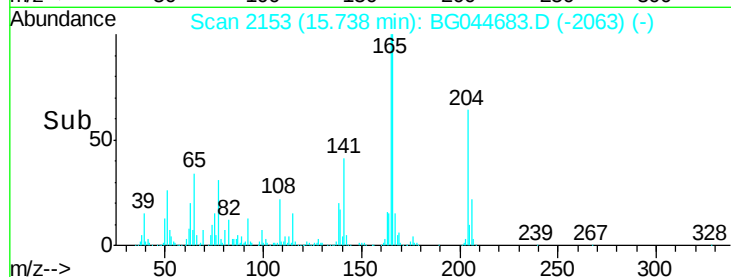
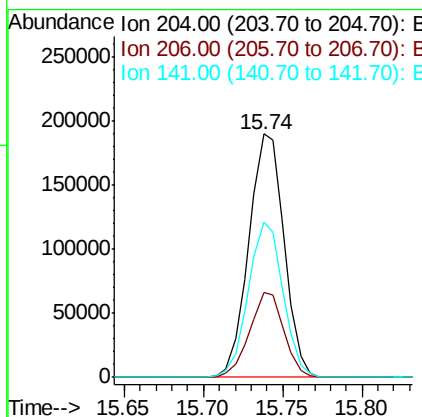
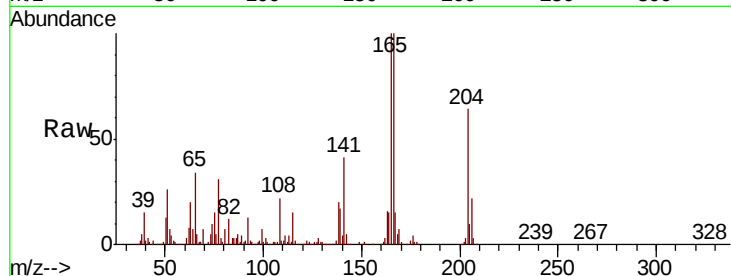




#61
4-Chlorophenyl-phenylether
Concen: 39.057 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

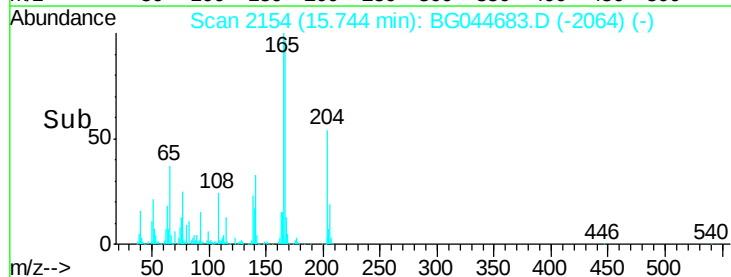
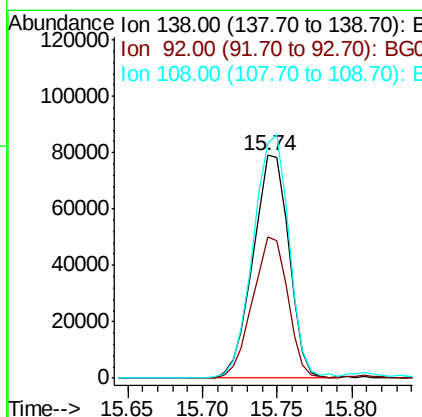
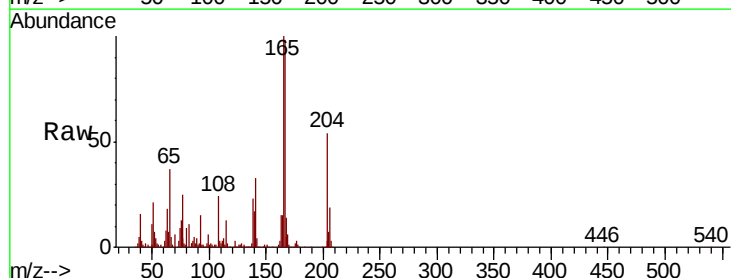
Instrument :
BNA_G
ClientSampled :

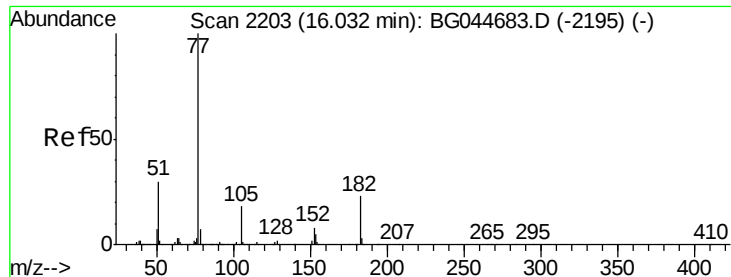
Tot Ion:204 Resp: 292761
Ion Ratio Lower Upper
204 100
206 34.6 27.7 41.5
141 63.7 51.0 76.4



#62
4-Nitroaniline
Concen: 36.836 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

Tgt Ion:138 Resp: 131522
Ion Ratio Lower Upper
138 100
92 63.1 43.1 83.1
108 105.2 85.2 125.2





#63

Azobenzene

Concen: 50.915 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 643648

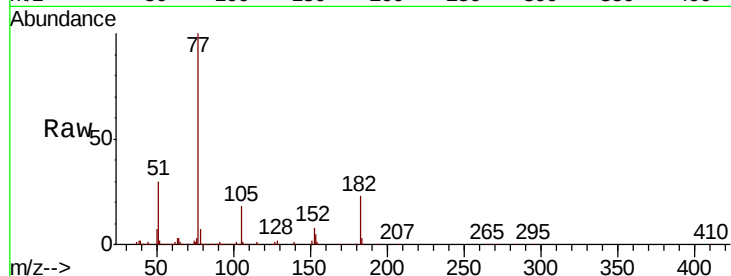
Ion Ratio Lower Upper

77 100

182 22.7 2.7 42.7

105 18.1 0.0 38.1

51 30.3 10.3 50.3

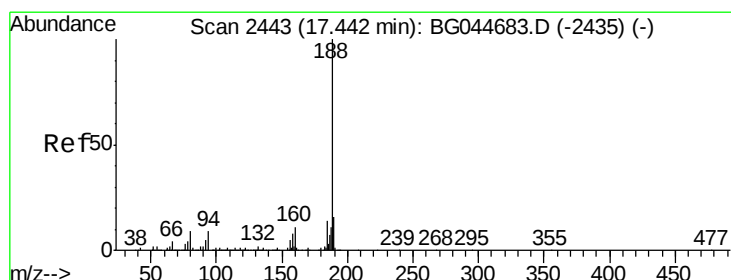
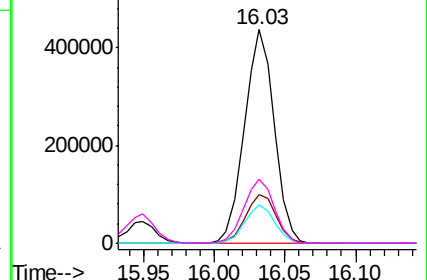
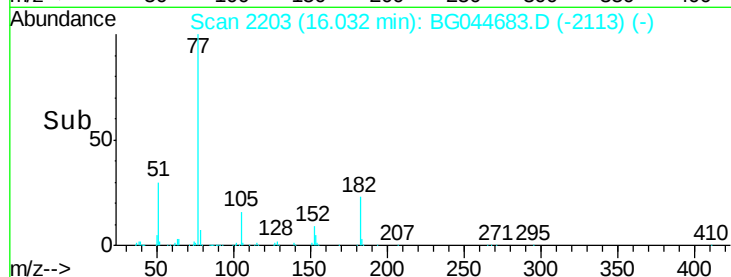


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

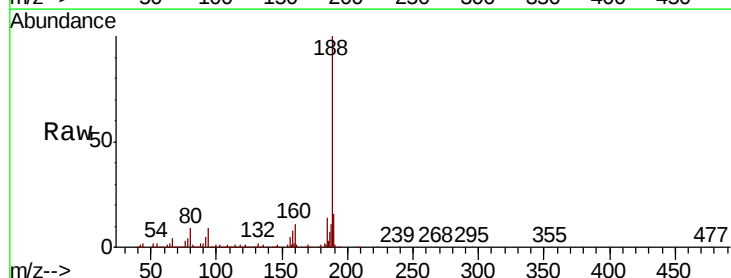
Tgt Ion: 188 Resp: 420751

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.0

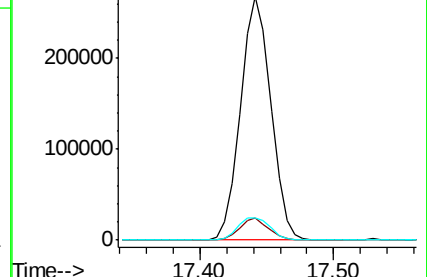
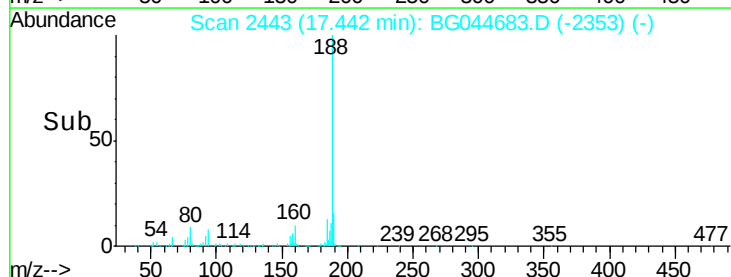
80 9.1 7.3 10.9

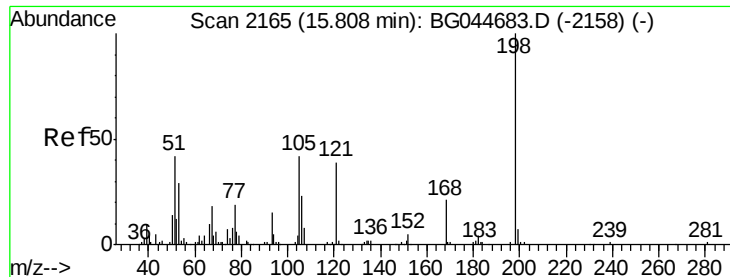


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

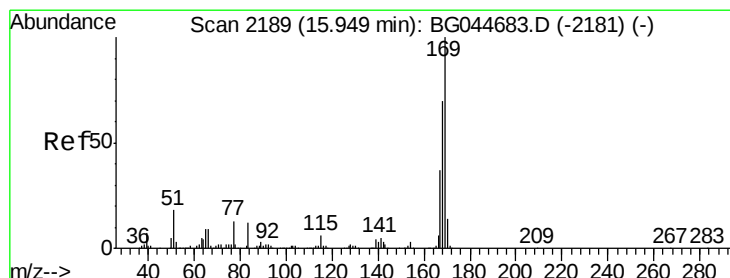
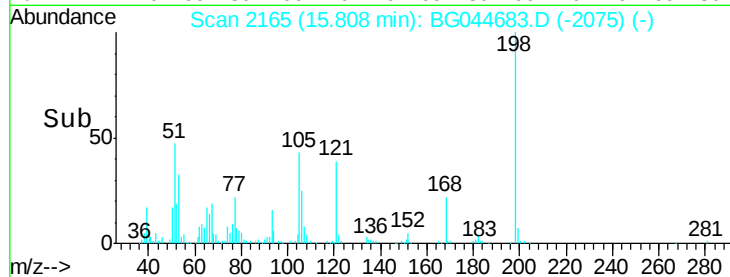
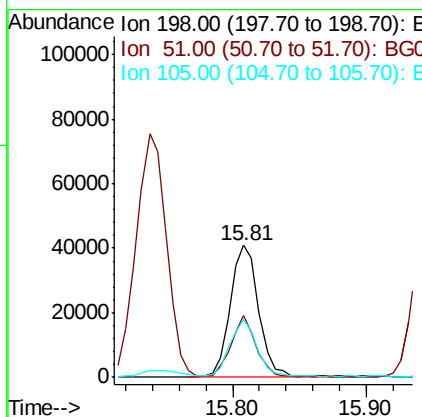
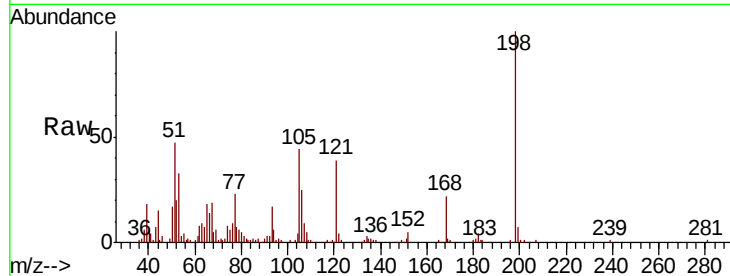




#65
 4,6-Dinitro-2-methylphenol
 Concen: 23.461 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

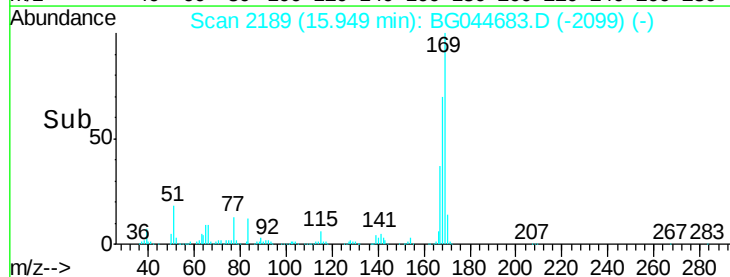
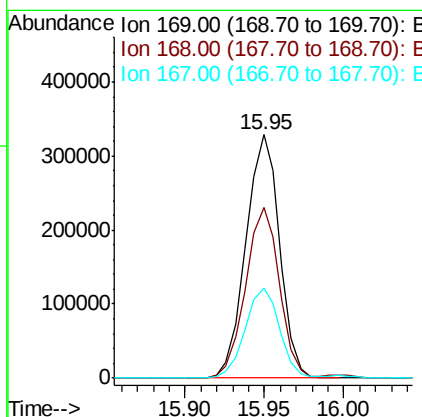
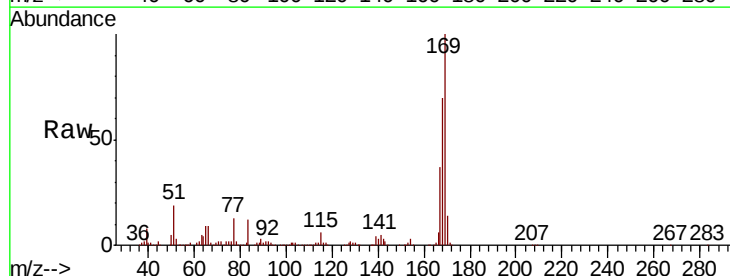
Instrument :
 BNA_G
 ClientSampled :

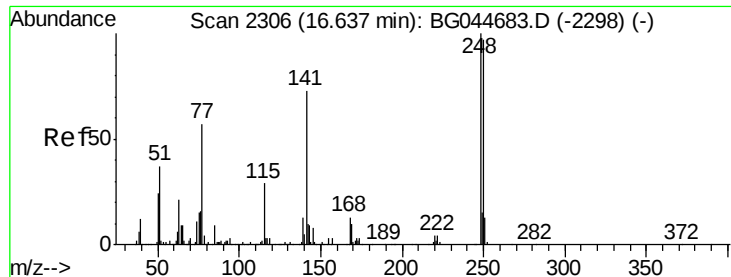
Tot Ion:198 Resp: 61121
 Ion Ratio Lower Upper
 198 100
 51 47.1 27.1 67.1
 105 43.6 23.6 63.6



#66
 n-Nitrosodiphenylamine
 Concen: 36.948 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

Tgt Ion:169 Resp: 484917
 Ion Ratio Lower Upper
 169 100
 168 70.2 56.2 84.2
 167 36.8 29.4 44.2

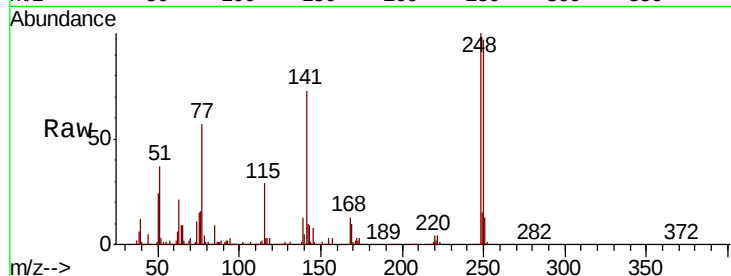




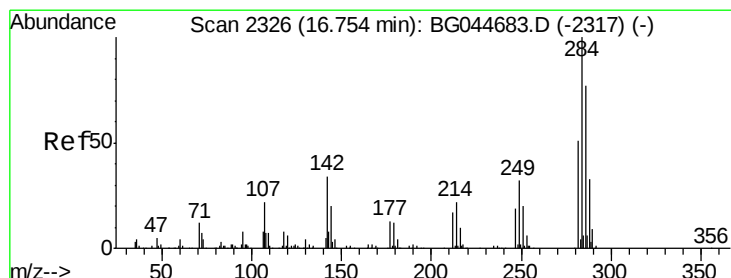
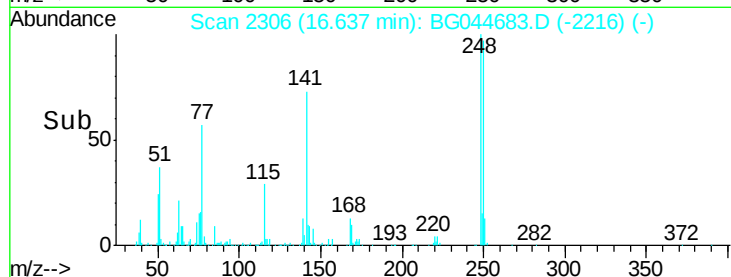
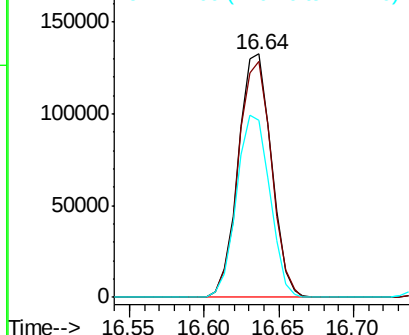
#67
4-Bromophenyl-phenylether
Concen: 39.069 ng
RT: 16.64 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 204047
Ion Ratio Lower Upper
248 100
250 96.8 77.4 116.2
141 72.6 58.1 87.1

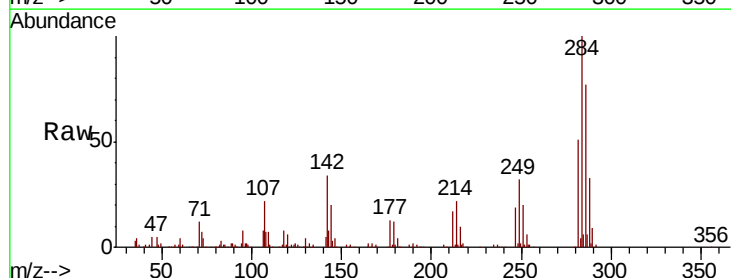


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

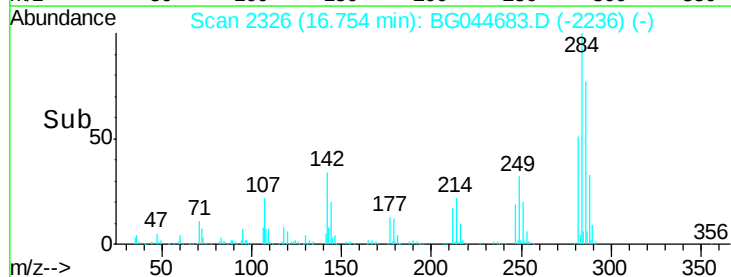
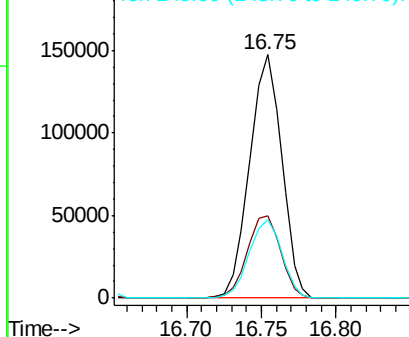


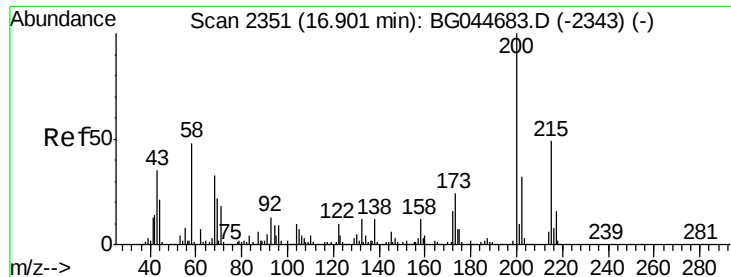
#68
Hexachlorobenzene
Concen: 37.186 ng
RT: 16.75 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

Tgt Ion:284 Resp: 219578
Ion Ratio Lower Upper
284 100
142 34.0 27.2 40.8
249 32.1 25.7 38.5



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: 39.921 ng

RT: 16.90 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampleId :

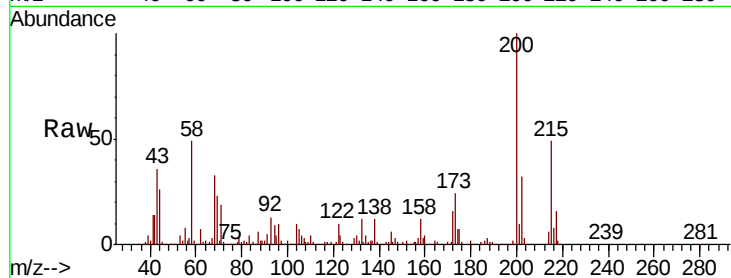
Tot Ion:200 Resp: 193692

Ion Ratio Lower Upper

200 100

173 24.0 4.0 44.0

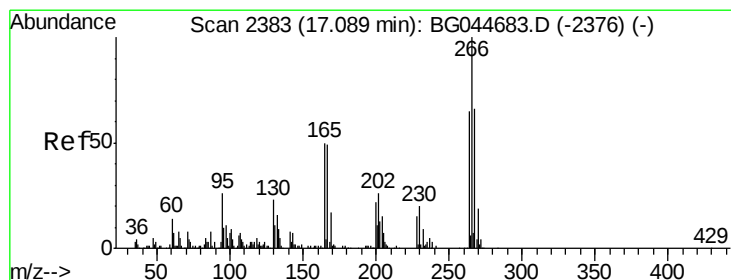
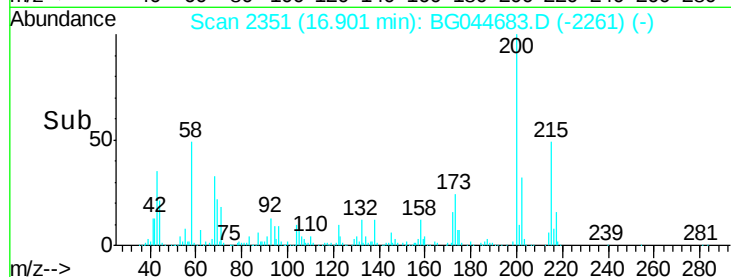
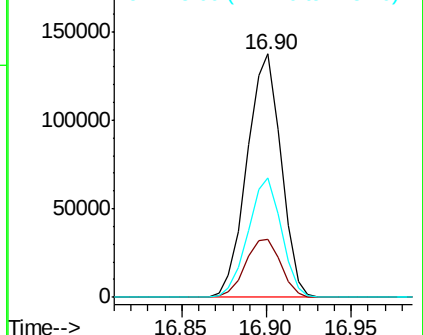
215 49.1 29.1 69.1



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: 51.175 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

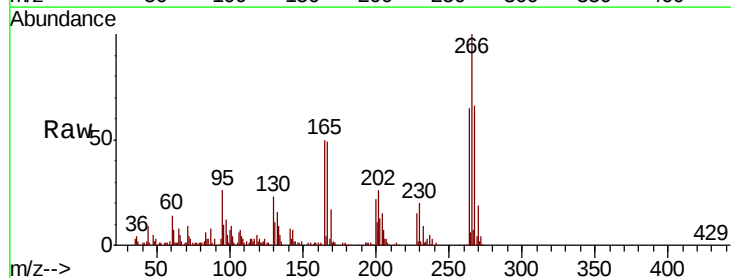
Tgt Ion:266 Resp: 125192

Ion Ratio Lower Upper

266 100

268 65.9 52.7 79.1

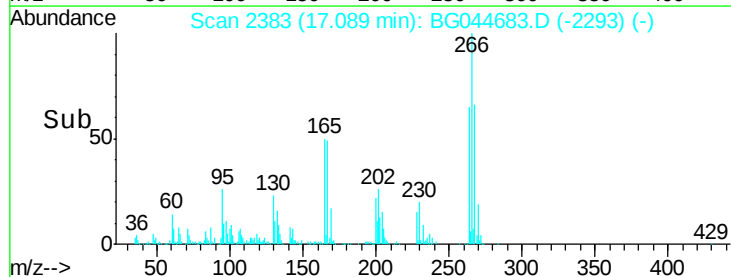
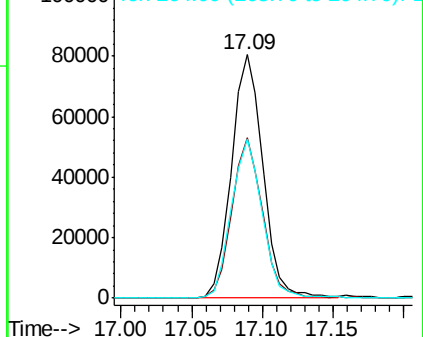
264 65.4 52.3 78.5

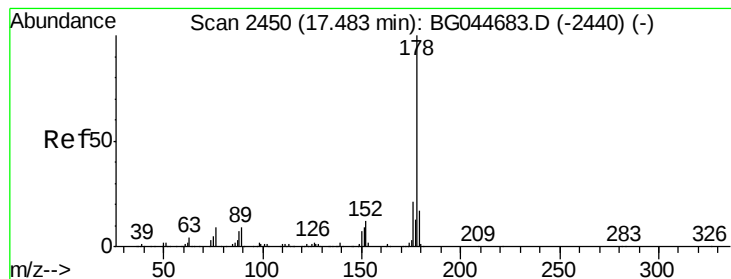


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.876 ng

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampleId :

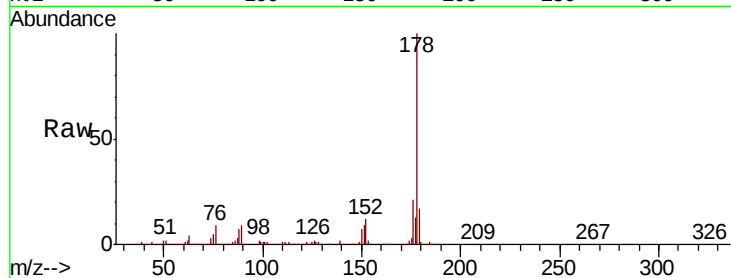
Tot Ion:178 Resp: 882293

Ion Ratio Lower Upper

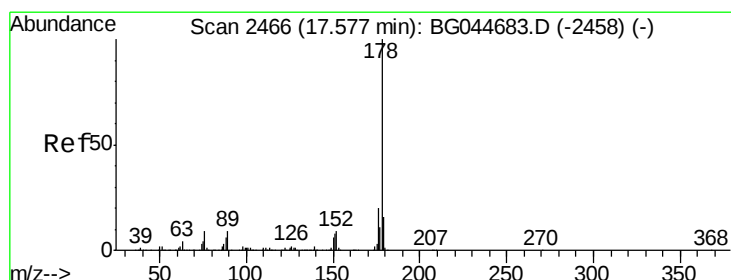
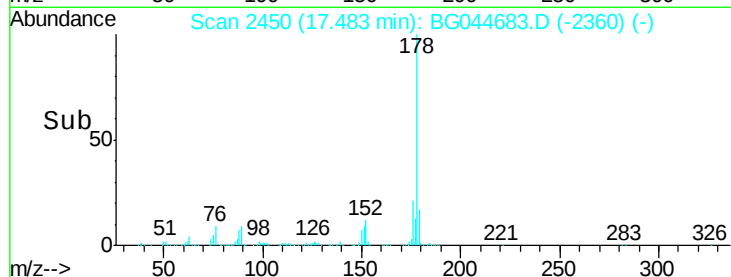
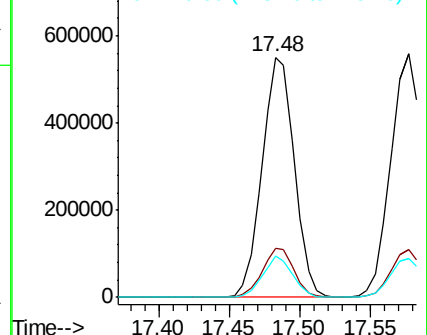
178 100

176 20.6 16.5 24.7

179 17.3 13.8 20.8



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



#72

Anthracene

Concen: 38.109 ng

RT: 17.58 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

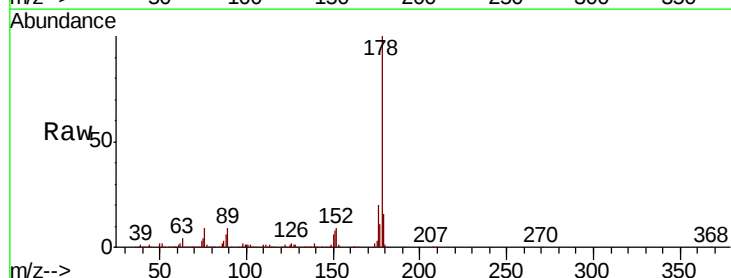
Tgt Ion:178 Resp: 874829

Ion Ratio Lower Upper

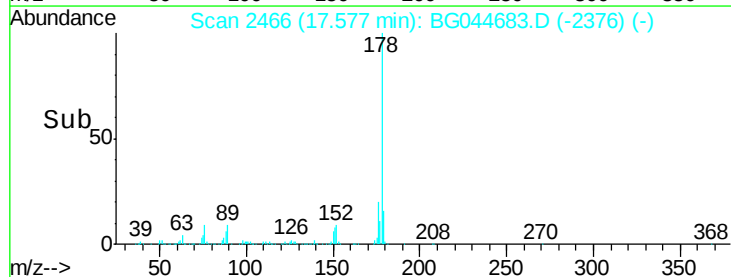
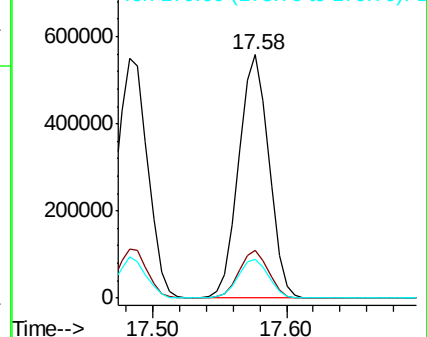
178 100

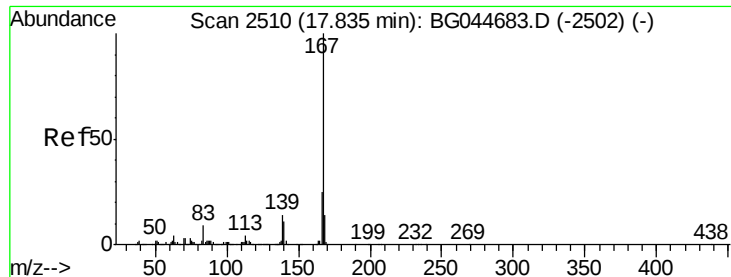
176 19.6 15.7 23.5

179 15.8 12.6 19.0



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

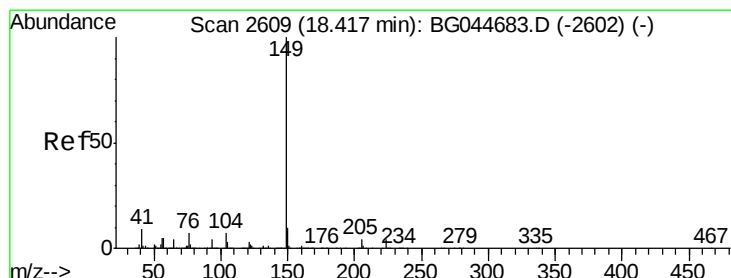
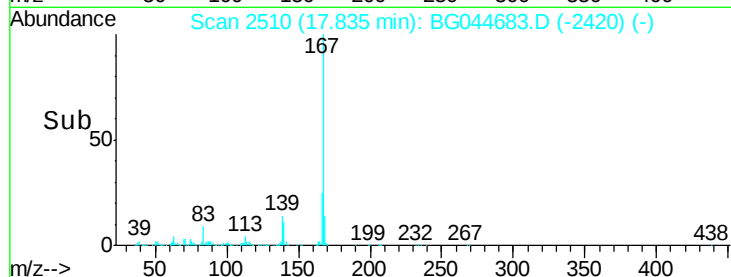
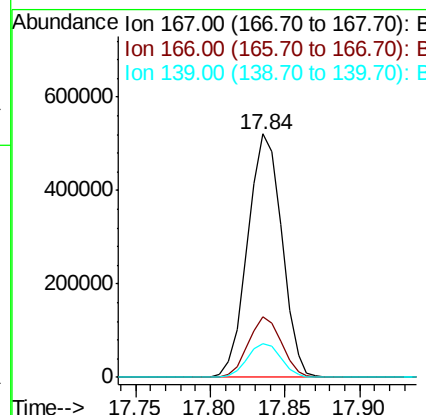
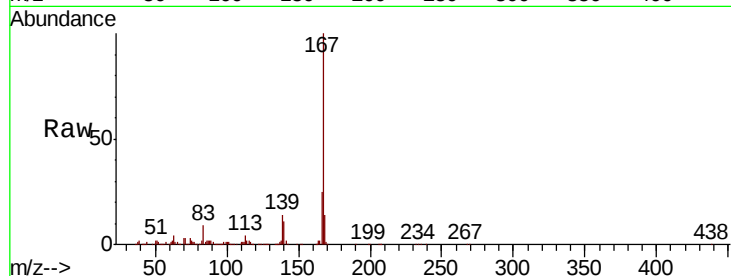




#73
 Carbazole
 Concen: 39.439 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

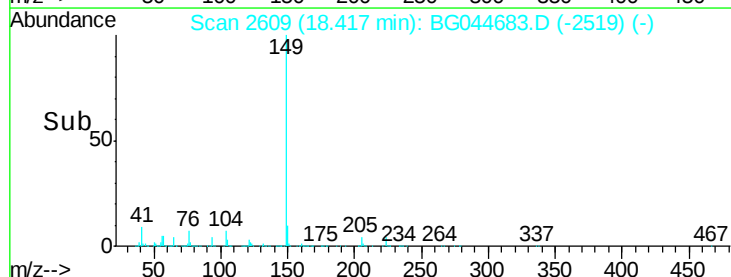
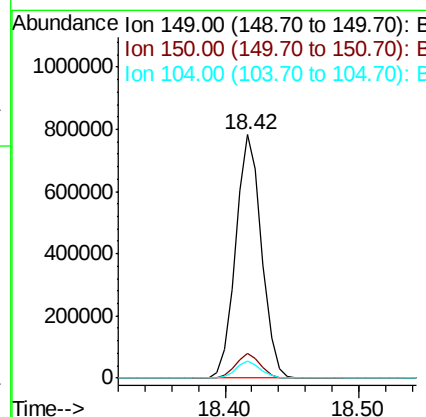
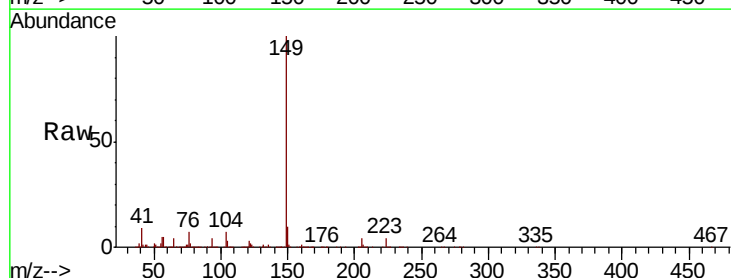
Instrument :
 BNA_G
 ClientSampleId :

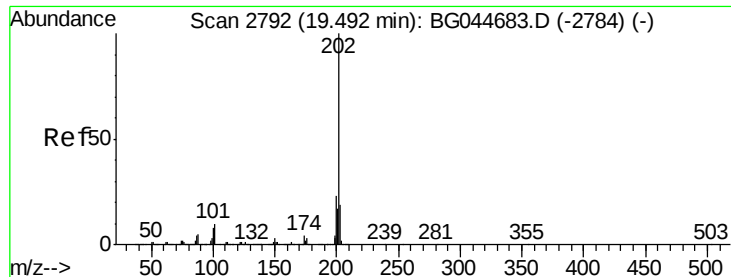
Tot Ion:167 Resp: 824099
 Ion Ratio Lower Upper
 167 100
 166 25.0 20.0 30.0
 139 14.1 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 40.262 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG044683.D
 Acq: 5 Mar 2020 14:05

Tgt Ion:149 Resp: 1054221
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.0 12.0
 104 6.9 5.5 8.3





#75

Fluoranthene

Concen: 38.902 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampleId :

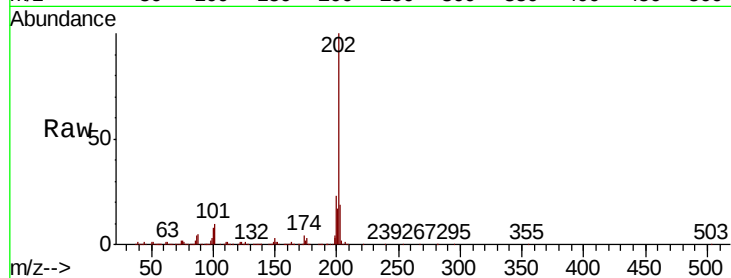
Tot Ion:202 Resp: 1072743

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.3

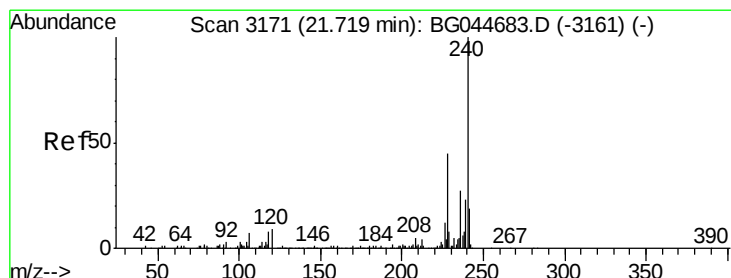
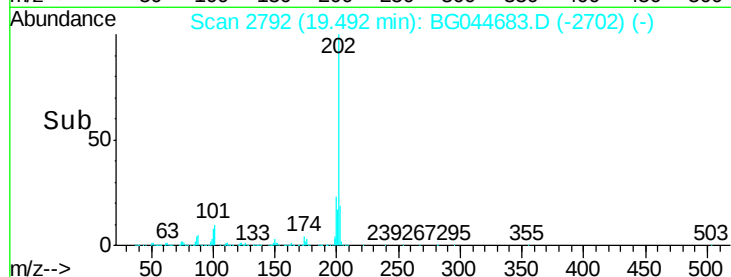
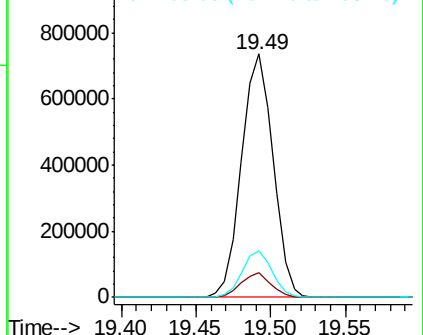
203 19.1 0.0 39.1



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: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

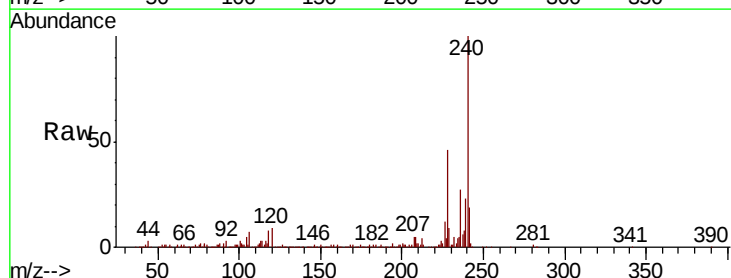
Tgt Ion:240 Resp: 362321

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

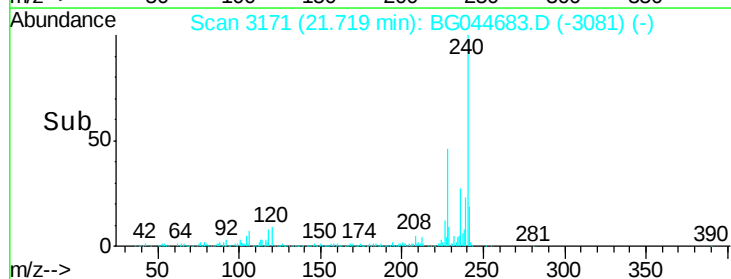
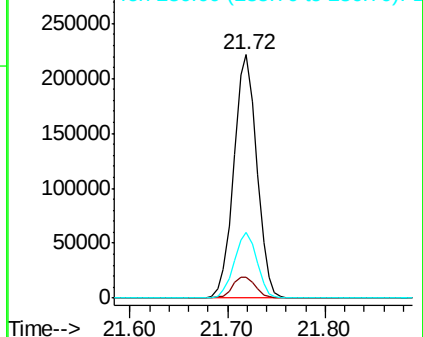
236 26.9 21.5 32.3

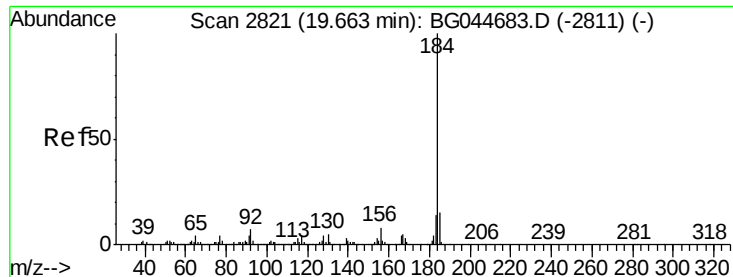


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.894 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampleId :

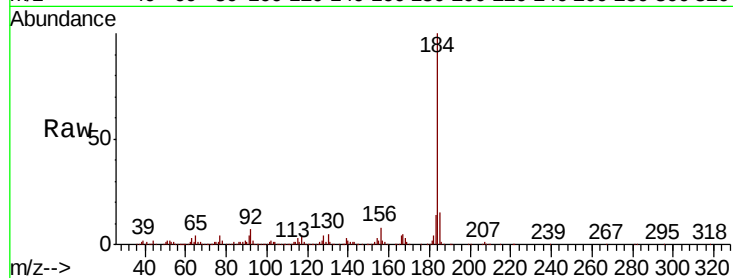
Tot Ion:184 Resp: 582018

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

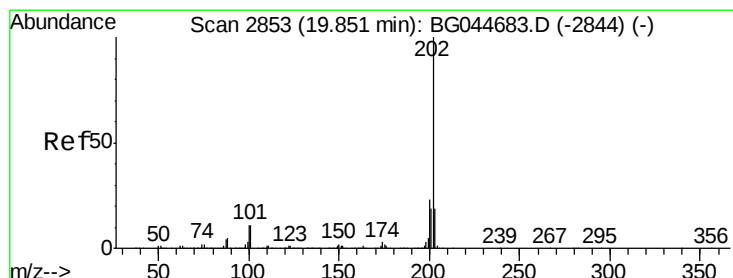
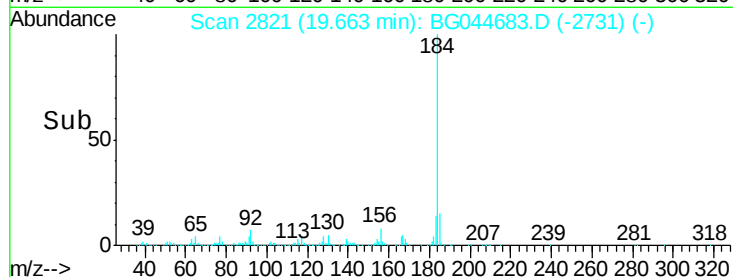
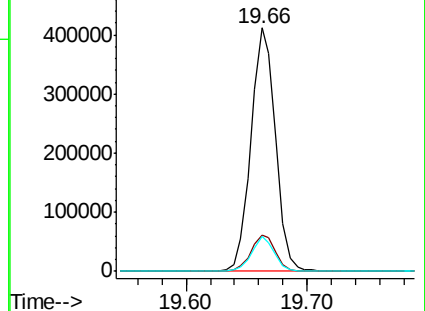
183 14.3 11.4 17.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.784 ng

RT: 19.85 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

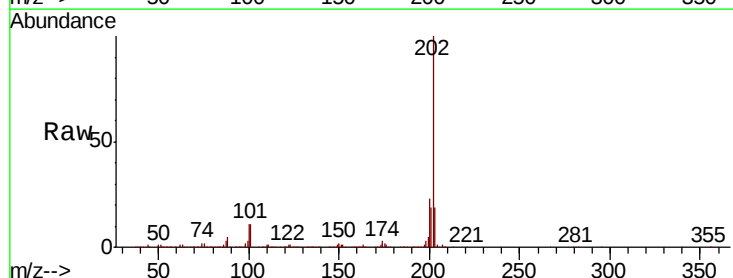
Tgt Ion:202 Resp: 1072683

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.2

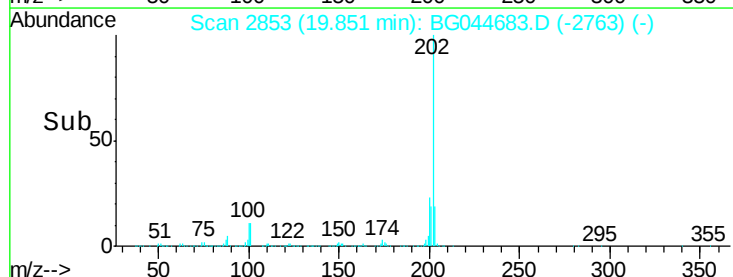
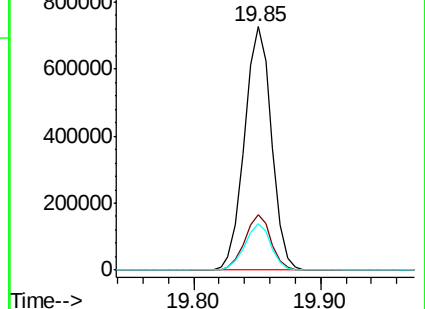
203 19.0 15.2 22.8

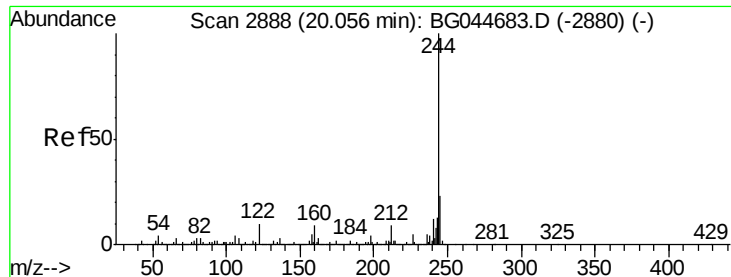


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.525 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampled :

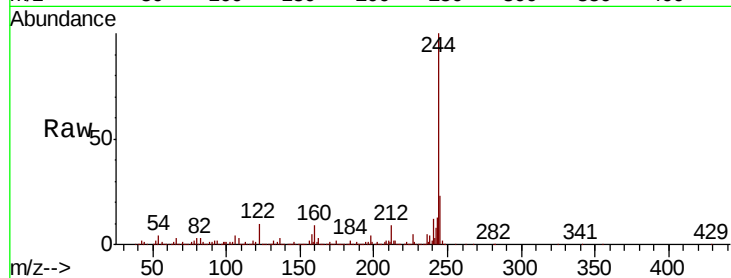
Tot Ion:244 Resp: 1598618

Ion Ratio Lower Upper

244 100

212 9.4 7.5 11.3

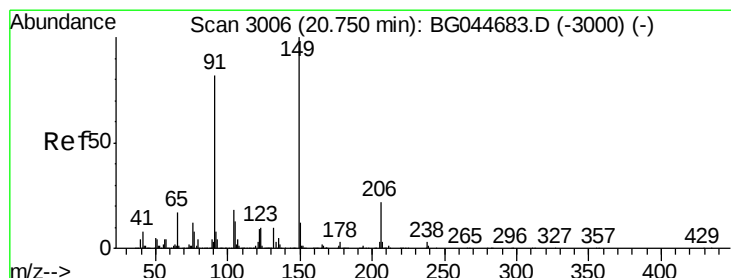
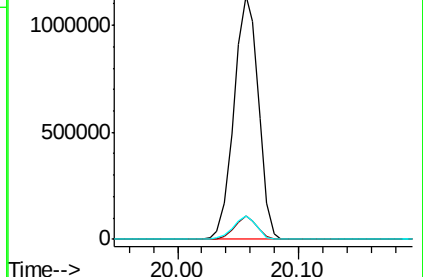
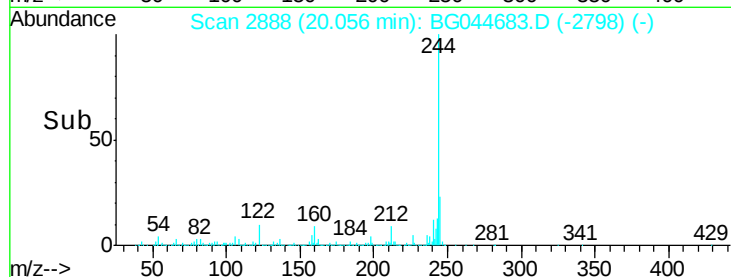
122 9.6 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.328 ng

RT: 20.75 min Scan# 3006

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

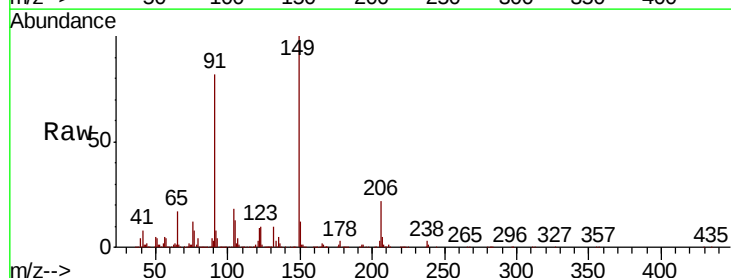
Tgt Ion:149 Resp: 475461

Ion Ratio Lower Upper

149 100

91 82.1 65.7 98.5

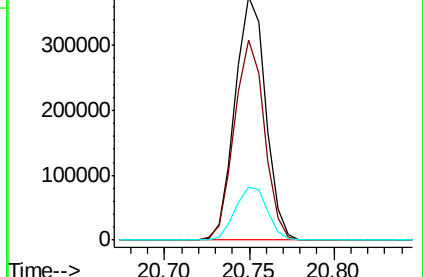
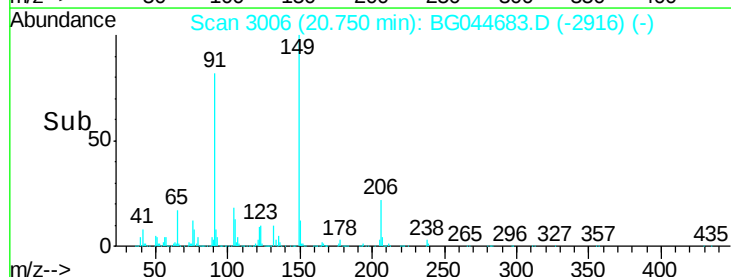
206 21.6 17.3 25.9

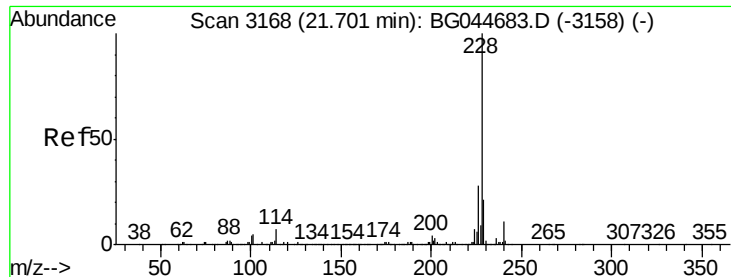


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

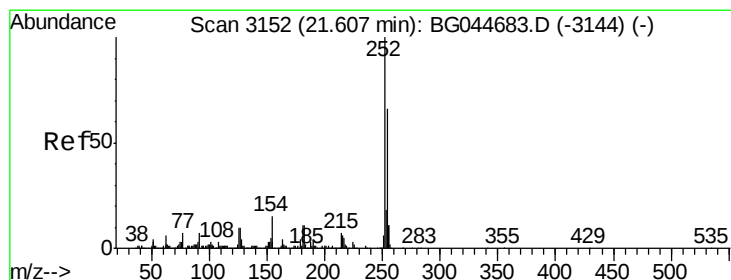
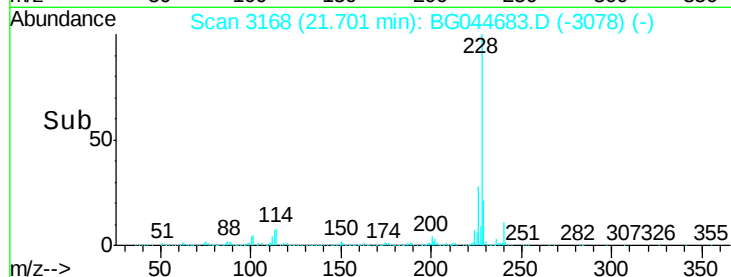
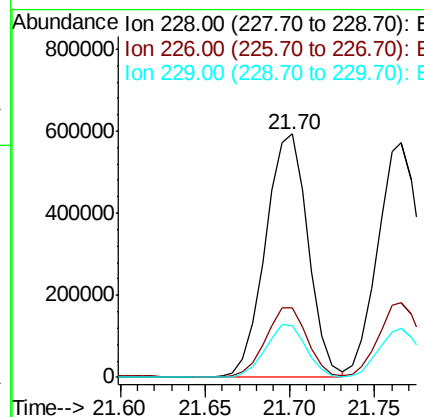
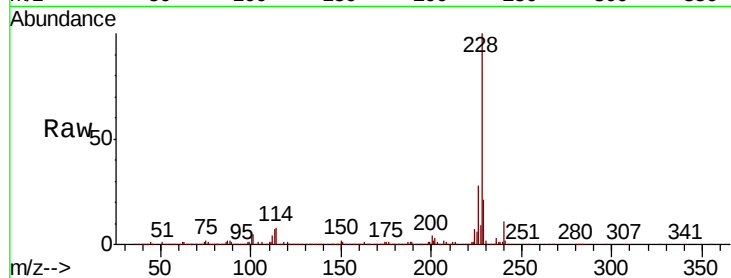




#81
Benzo(a)anthracene
Concen: 40.850 ng
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

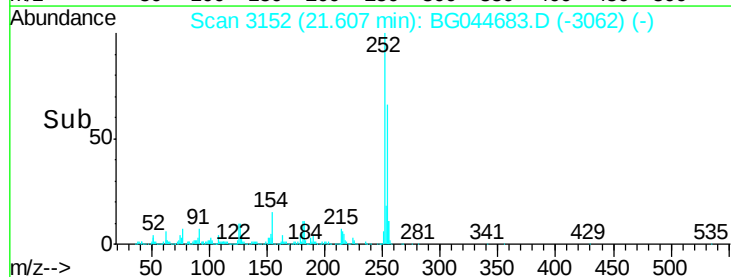
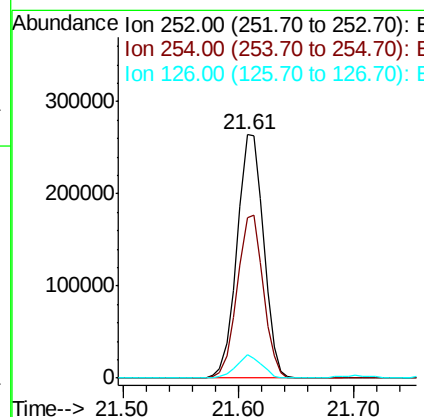
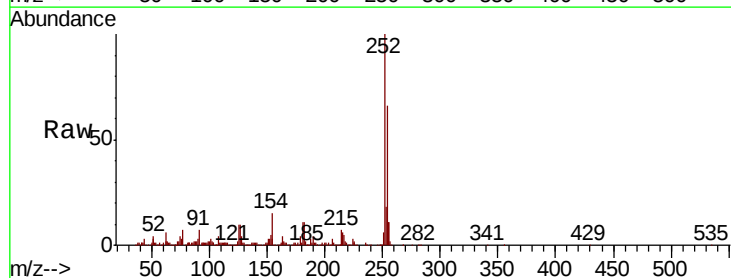
Instrument :
BNA_G
ClientSampleId :

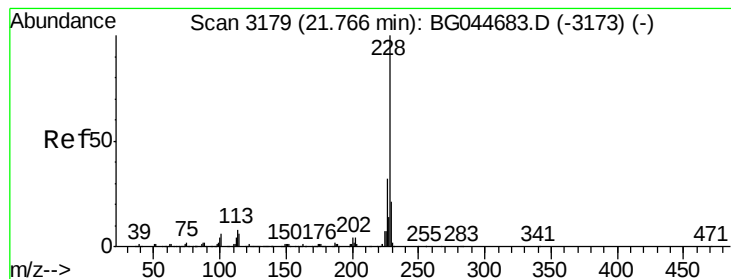
Tot Ion:228 Resp: 1040249
Ion Ratio Lower Upper
228 100
226 28.5 22.8 34.2
229 21.3 17.0 25.6



#82
3,3'-Dichlorobenzidine
Concen: 41.952 ng
RT: 21.61 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

Tgt Ion:252 Resp: 422053
Ion Ratio Lower Upper
252 100
254 65.8 52.6 79.0
126 9.7 7.8 11.6





#83

Chrysene

Concen: 40.559 ng

RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampleId :

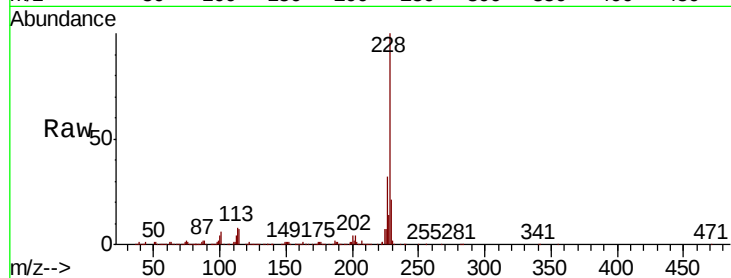
Tot Ion:228 Resp: 998603

Ion Ratio Lower Upper

228 100

226 32.2 25.8 38.6

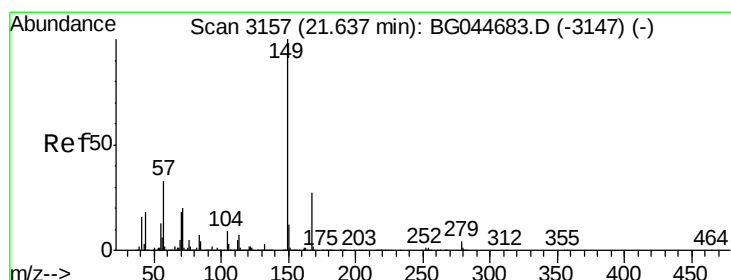
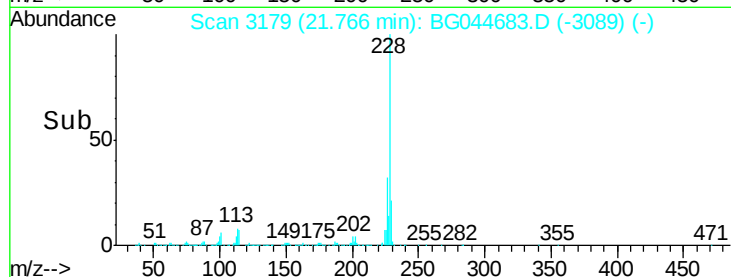
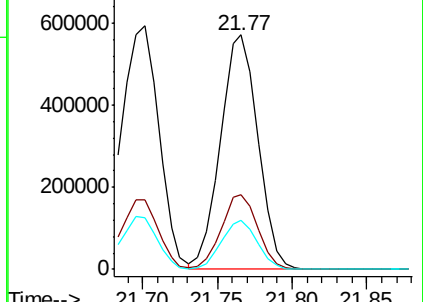
229 20.8 16.6 25.0



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: 42.123 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

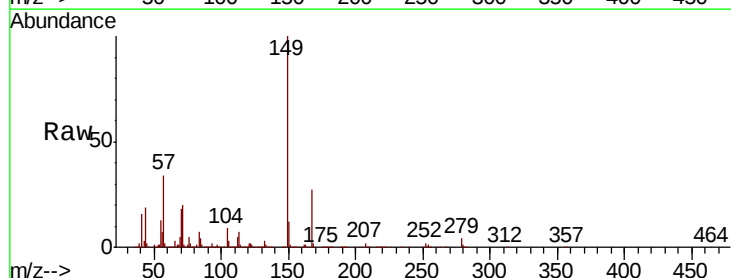
Tgt Ion:149 Resp: 667733

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

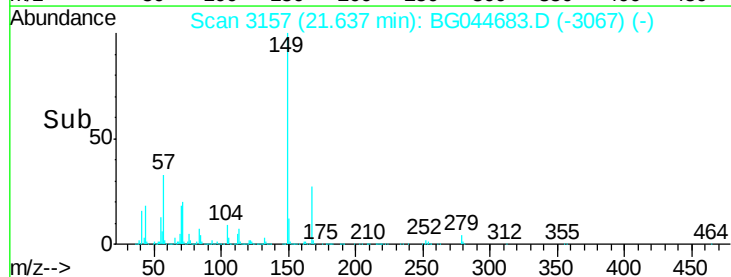
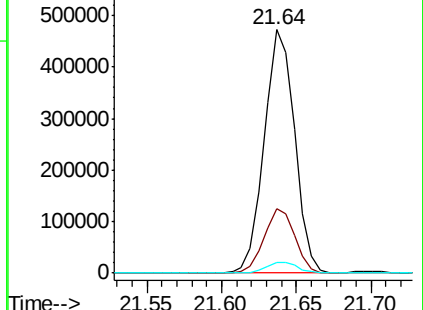
279 4.5 3.6 5.4

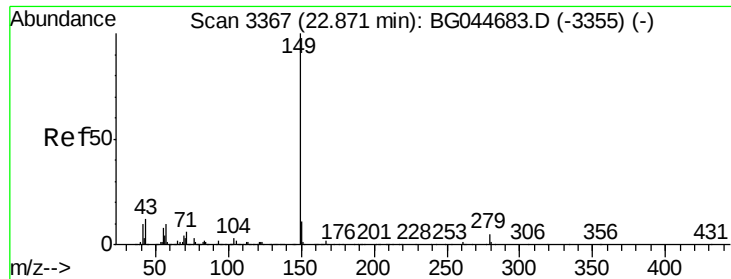


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.702 ng

RT: 22.87 min Scan# 3367

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampleId :

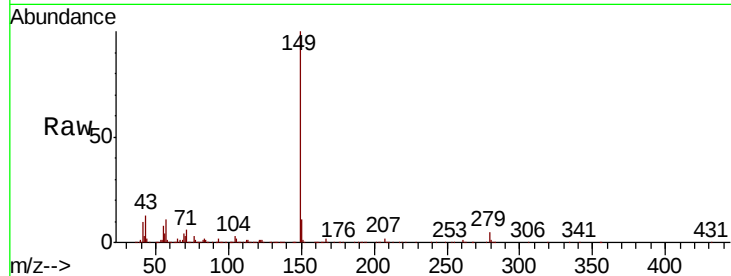
Tot Ion:149 Resp: 1135194

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.9 9.5 14.3

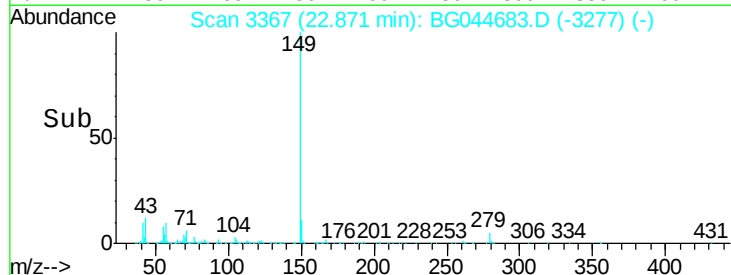


Abundance Ion 149.00 (148.70 to 149.70): E

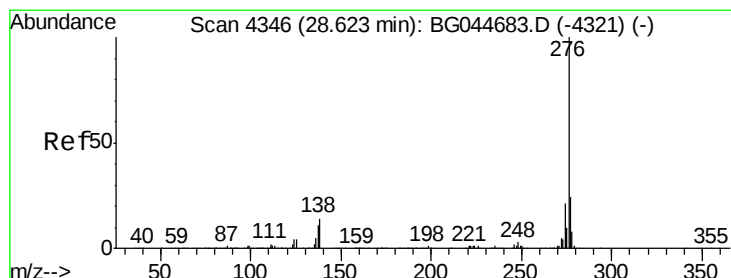
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

Time-->



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.918 ng

RT: 28.62 min Scan# 4346

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

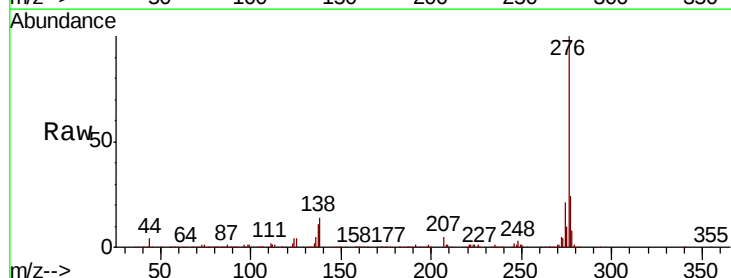
Tgt Ion:276 Resp: 1292913

Ion Ratio Lower Upper

276 100

138 11.9 9.5 14.3

277 25.7 20.6 30.8

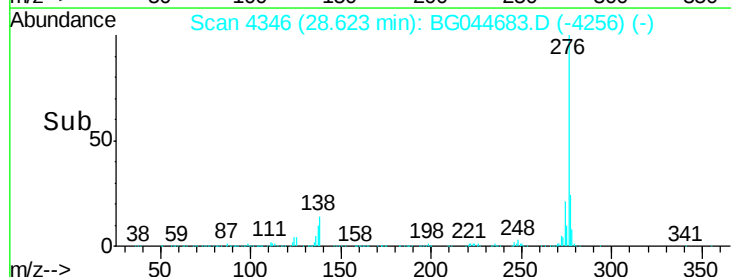


Abundance Ion 276.00 (275.70 to 276.70): E

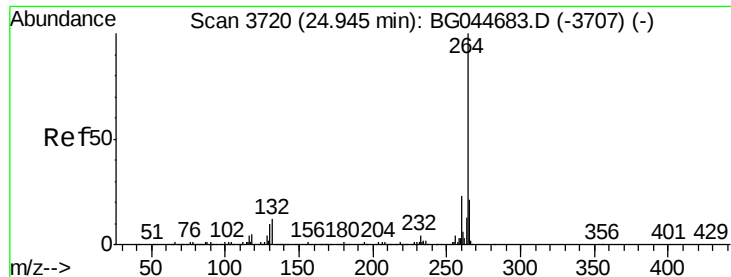
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->



Time-->

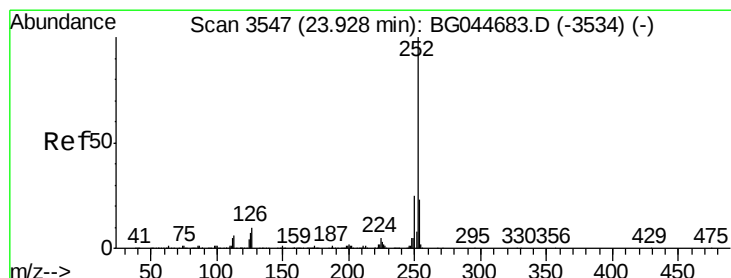
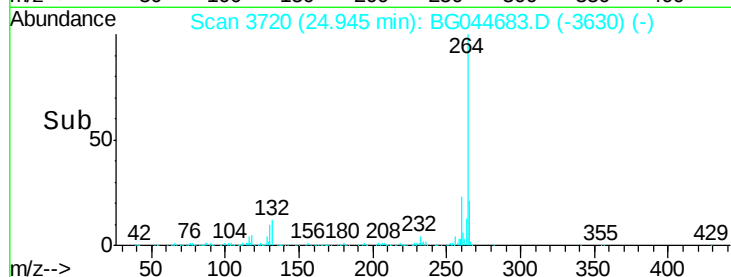
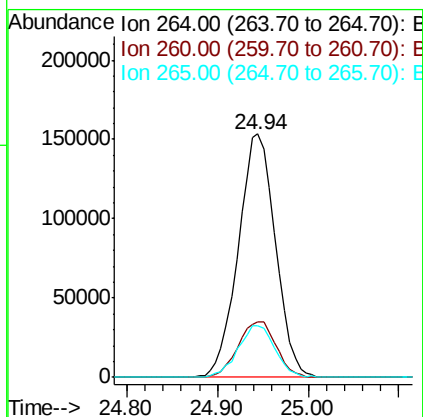
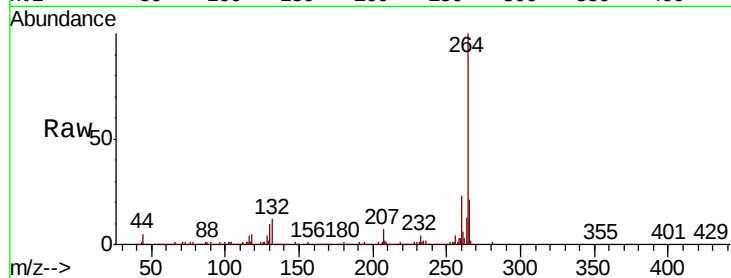


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3720
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 434905

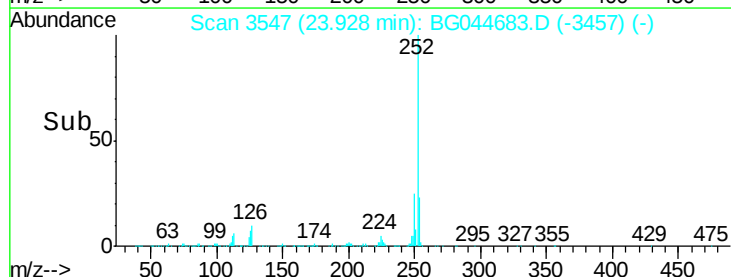
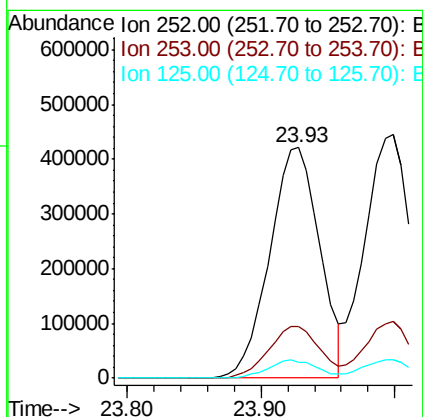
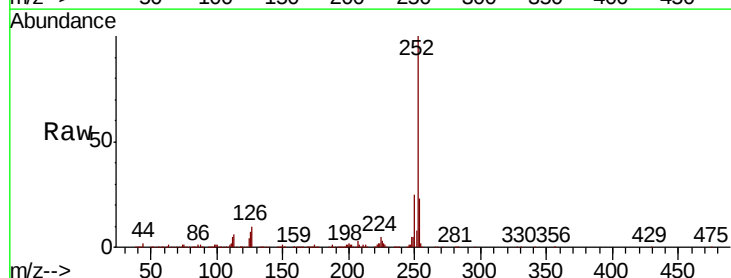
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	21.1	16.9	25.3

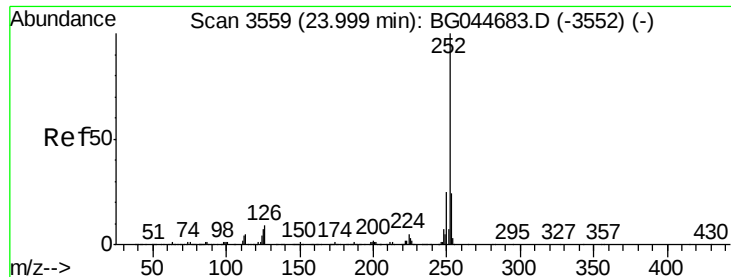


#88
Benzo(b)fluoranthene
Concen: 38.310 ng
RT: 23.93 min Scan# 3547
Delta R.T. 0.00 min
Lab File: BG044683.D
Acq: 5 Mar 2020 14:05

Tgt Ion:252 Resp: 1095458

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	7.0	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 38.594 ng

RT: 24.00 min Scan# 3559

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Instrument :

BNA_G

ClientSampled :

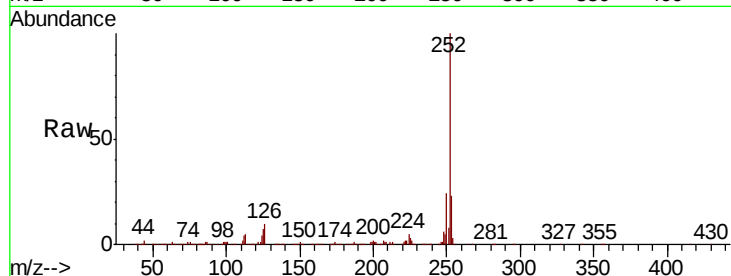
Tot Ion:252 Resp: 1070772

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

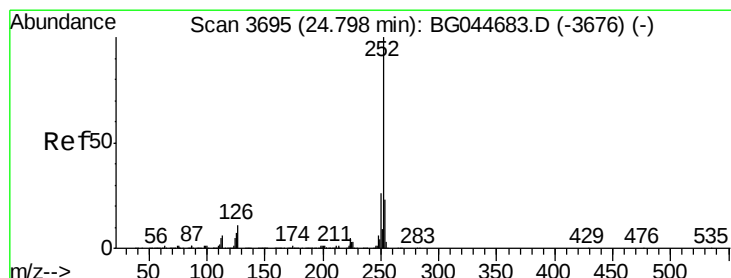
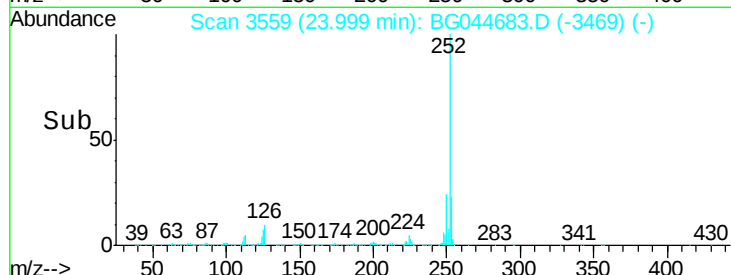
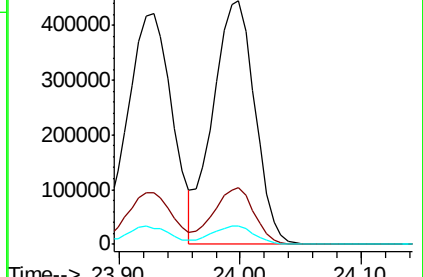
125 7.3 5.8 8.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.566 ng

RT: 24.80 min Scan# 3695

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

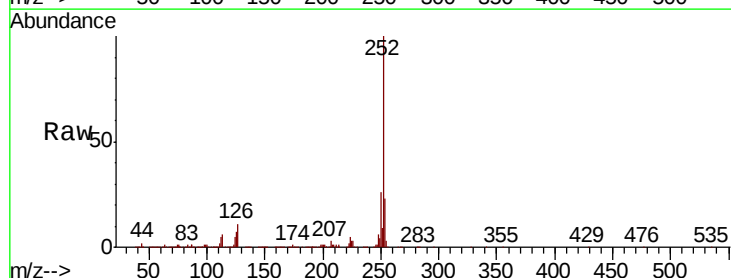
Tgt Ion:252 Resp: 1036112

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

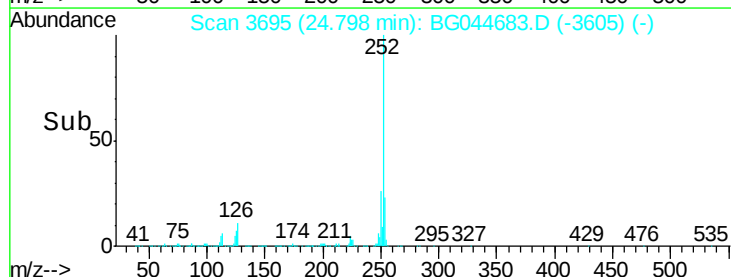
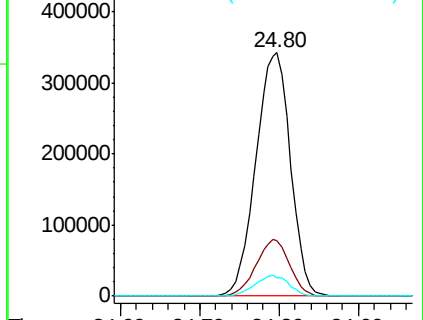
125 7.5 6.0 9.0

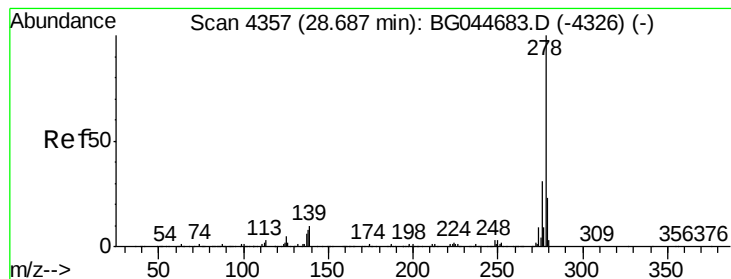


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.096 ng

RT: 28.69 min Scan# 4357

Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

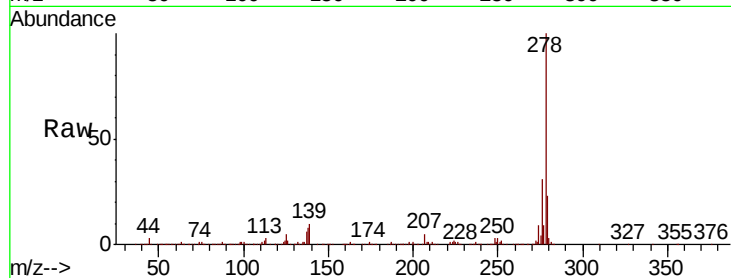
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1038782

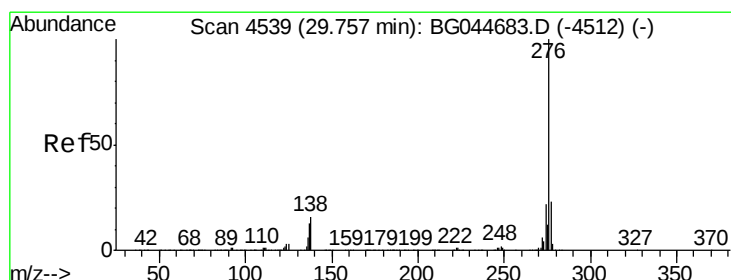
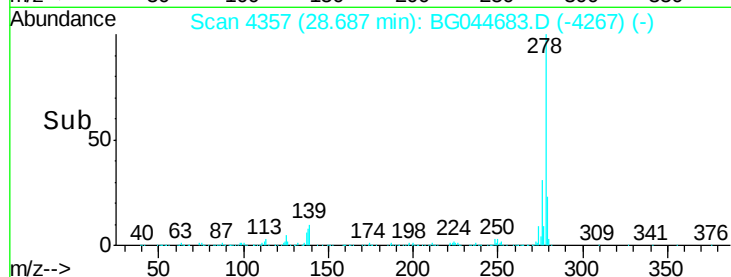
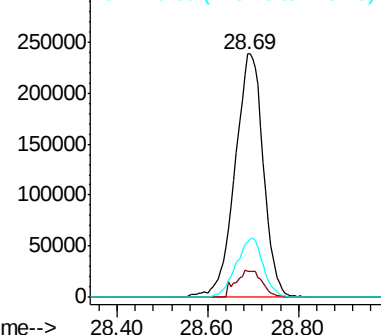
Ion	Ratio	Lower	Upper
278	100		
139	10.5	8.4	12.6
279	22.7	18.2	27.2



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: 38.683 ng

RT: 29.76 min Scan# 4539

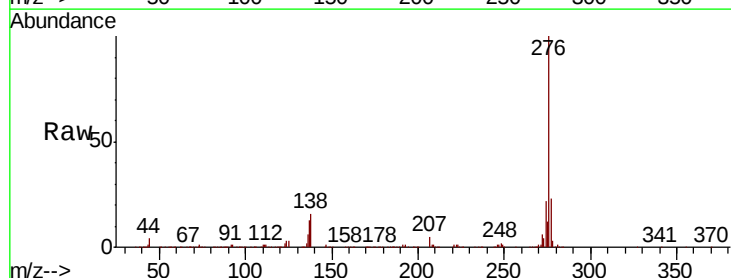
Delta R.T. 0.00 min

Lab File: BG044683.D

Acq: 5 Mar 2020 14:05

Tgt Ion:276 Resp: 1029774

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	15.9	12.7	19.1



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

