

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\
 Data File : BG044713.D
 Acq On : 10 Mar 2020 13:46
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 10 14:33:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 14:03:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	103538	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	398876	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	269945	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	586515	20.00	ng	0.00
76) Chrysene-d12	21.71	240	508710	20.00	ng	0.00
87) Perylene-d12	24.93	264	591545	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	807245	117.09	ng	0.00
7) Phenol-d6	7.21	99	1160032	111.32	ng	0.00
23) Nitrobenzene-d5	9.22	82	1128218	128.78	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	434509	117.18	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	2195950	113.32	ng	0.00
79) Terphenyl-d14	20.06	244	2991551	104.97	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	194071	58.728	ng	99
3) Pyridine	3.92	79	543808	53.076	ng	97
4) n-Nitrosodimethylamine	3.83	42	229350	52.919	ng	# 95
6) Aniline	7.38	93	728087	55.774	ng	98
8) 2-Chlorophenol	7.62	128	399494	57.174	ng	99
9) Benzaldehyde	7.19	77	301968	49.370	ng	98
10) Phenol	7.24	94	570349	55.561	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	457337	57.982	ng	99
12) 1,3-Dichlorobenzene	7.95	146	485715	58.450	ng	97
13) 1,4-Dichlorobenzene	8.09	146	481936	58.050	ng	99
14) 1,2-Dichlorobenzene	8.42	146	456916	58.223	ng	96
15) Benzyl Alcohol	8.29	79	475011	52.838	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	805589	54.059	ng	99
17) 2-Methylphenol	8.49	107	388929	55.296	ng	90
18) Hexachloroethane	9.15	117	190183	57.116	ng	99
19) n-Nitroso-di-n-propylamine	8.87	70	408942	52.530	ng	99
20) 3+4-Methylphenols	8.82	107	546067	55.730	ng	96
22) Acetophenone	8.88	105	685808	58.896	ng	98
24) Nitrobenzene	9.26	77	580240	62.470	ng	98
25) Isophorone	9.79	82	1081037	55.956	ng	98
26) 2-Nitrophenol	9.97	139	205633	67.700	ng	94
27) 2,4-Dimethylphenol	10.03	122	355199	58.602	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	643285	59.145	ng	96
29) 2,4-Dichlorophenol	10.51	162	417634	60.558	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	493364	61.586	ng	99
31) Naphthalene	10.92	128	1328947	59.369	ng	99
32) Benzoic acid	10.19	122	285944	67.268	ng	93
33) 4-Chloroaniline	11.01	127	596208	57.827	ng	99
34) Hexachlorobutadiene	11.22	225	326234	59.605	ng	98
35) Caprolactam	11.80	113	164303	57.072	ng	96
36) 4-Chloro-3-methylphenol	12.14	107	499443	57.185	ng	95
37) 2-Methylnaphthalene	12.52	142	991993	58.724	ng	99
38) 1-Methylnaphthalene	12.74	142	929721	58.220	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	526704	60.103	ng	99

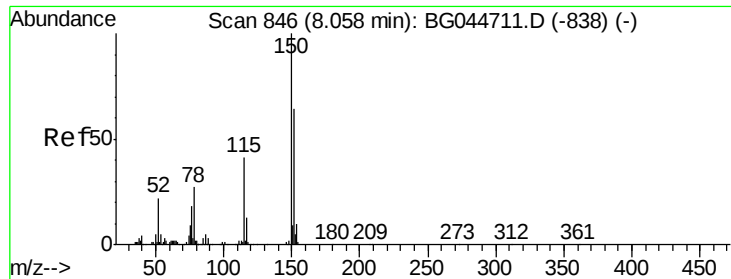
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	299435	58.433	ng	97
43) 2,4,6-Trichlorophenol	13.12	196	367305	60.460	ng	100
44) 2,4,5-Trichlorophenol	13.19	196	373851	60.004	ng	99
46) 1,1'-Biphenyl	13.53	154	1277324	59.493	ng	96
47) 2-Chloronaphthalene	13.57	162	978311	59.735	ng	98
48) 2-Nitroaniline	13.76	65	370726	67.118	ng	98
49) Acenaphthylene	14.42	152	1508044	57.474	ng	99
50) Dimethylphthalate	14.15	163	1266144	56.418	ng	99
51) 2,6-Dinitrotoluene	14.26	165	269399	66.806	ng	98
52) Acenaphthene	14.76	154	1011096	59.596	ng	99
53) 3-Nitroaniline	14.59	138	310207	66.750	ng	99
54) 2,4-Dinitrophenol	14.79	184	124435	66.460	ng	# 76
55) Dibenzofuran	15.09	168	1426627	56.118	ng	96
56) 4-Nitrophenol	14.89	139	236486	65.402	ng	99
57) 2,4-Dinitrotoluene	15.04	165	374175	69.443	ng	97
58) Fluorene	15.74	166	1185577	56.385	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.23	232	352822	59.500	ng	100
60) Diethylphthalate	15.52	149	1319727	55.004	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	640930	56.176	ng	98
62) 4-Nitroaniline	15.75	138	319089	62.338	ng	99
63) Azobenzene	16.03	77	1352123	53.850	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	170386	71.109	ng	94
66) n-Nitrosodiphenylamine	15.95	169	1058562	59.030	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	440307	59.524	ng	99
68) Hexachlorobenzene	16.75	284	486033	60.851	ng	99
69) Atrazine	16.89	200	386275	55.739	ng	99
70) Pentachlorophenol	17.08	266	282949	62.430	ng	98
71) Phenanthrene	17.48	178	1878101	58.398	ng	98
72) Anthracene	17.57	178	1835650	57.951	ng	100
73) Carbazole	17.83	167	1775864	58.541	ng	99
74) Di-n-butylphthalate	18.41	149	2139167	55.991	ng	98
75) Fluoranthene	19.49	202	2200784	56.622	ng	98
77) Benzidine	19.66	184	949500	46.757	ng	97
78) Pyrene	19.85	202	2186802	56.358	ng	95
80) Butylbenzylphthalate	20.74	149	1042453	60.190	ng	95
81) Benzo(a)anthracene	21.69	228	2162023	56.673	ng	97
82) 3,3'-Dichlorobenzidine	21.61	252	856031	56.358	ng	99
83) Chrysene	21.76	228	2079688	57.273	ng	96
84) Bis(2-ethylhexyl)phthalate	21.62	149	1398407	57.899	ng	99
85) Di-n-octyl phthalate	22.86	149	2367490	57.080	ng	98
86) Indeno(1,2,3-cd)pyrene	28.60	276	2800231	58.391	ng	99
88) Benzo(b)fluoranthene	23.92	252	2363871	58.714	ng	99
89) Benzo(k)fluoranthene	23.99	252	2263264	59.973	ng	98
90) Benzo(a)pyrene	24.79	252	2230021	59.472	ng	97
91) Dibenzo(a,h)anthracene	28.69	278	2226180	59.539	ng	99
92) Benzo(g,h,i)perylene	29.74	276	2250951	60.101	ng	99

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

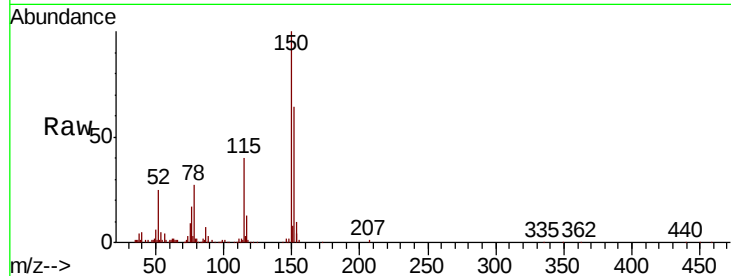


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.3	187.9
115	62.5	51.7	77.5

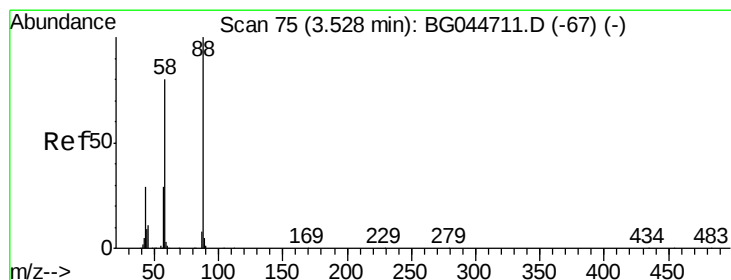
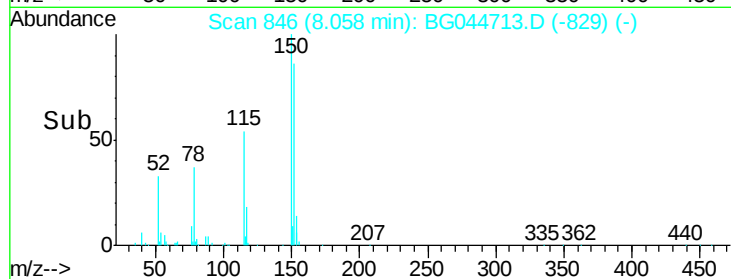
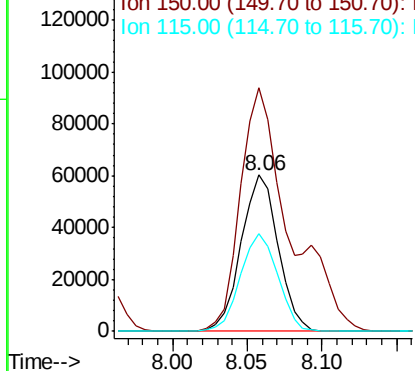


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

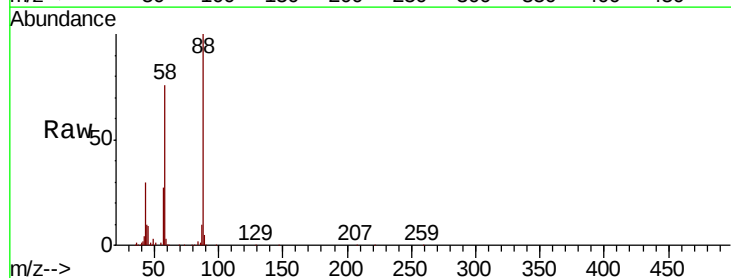
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 58.728 ng
RT: 3.53 min Scan# 76
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.8	63.0	94.4
43	29.9	23.2	34.8

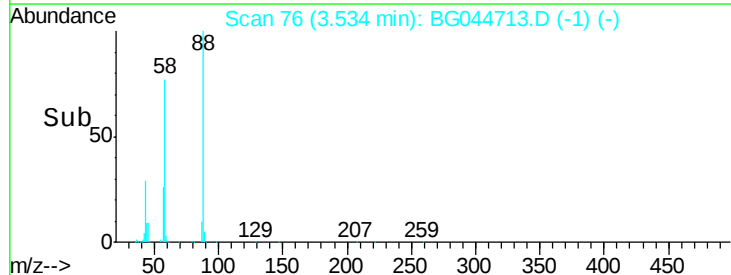
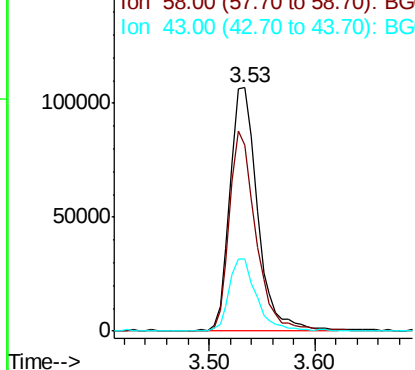


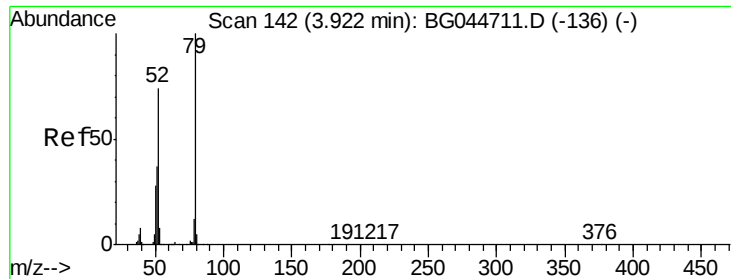
Abundance

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: 53.076 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

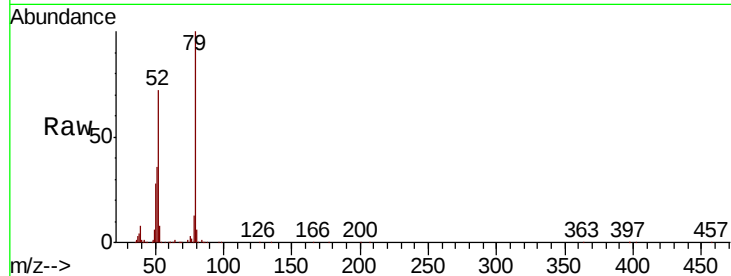
Tot Ion: 79 Resp: 543808

Ion Ratio Lower Upper

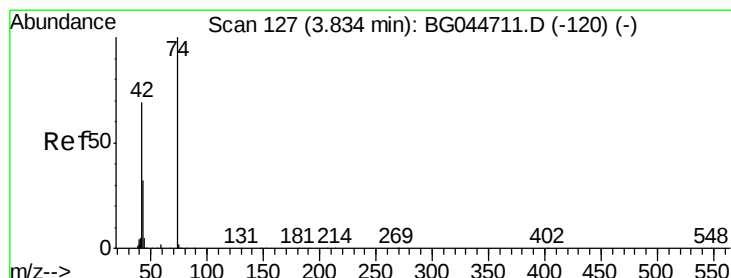
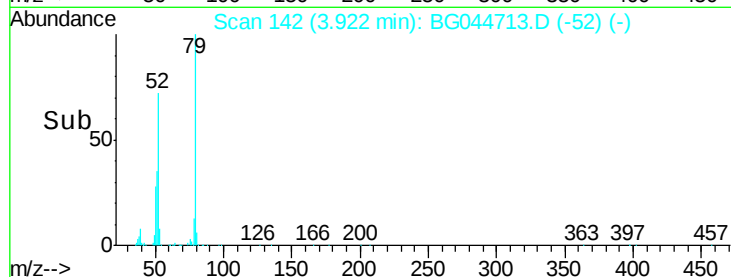
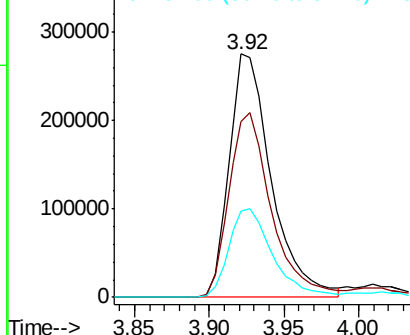
79 100

52 72.1 59.4 89.2

51 35.7 29.7 44.5



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: 52.919 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

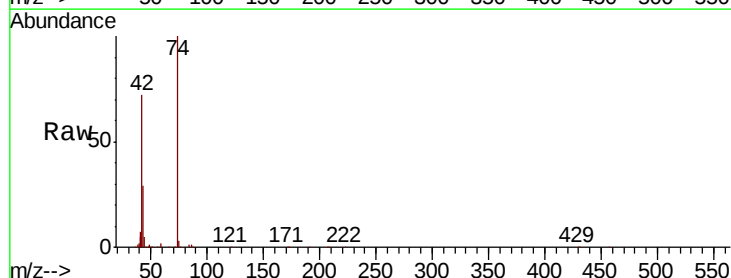
Tgt Ion: 42 Resp: 229350

Ion Ratio Lower Upper

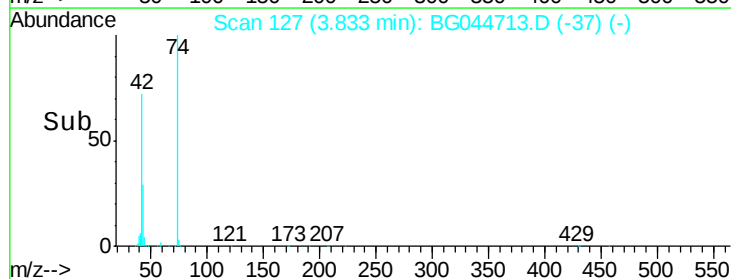
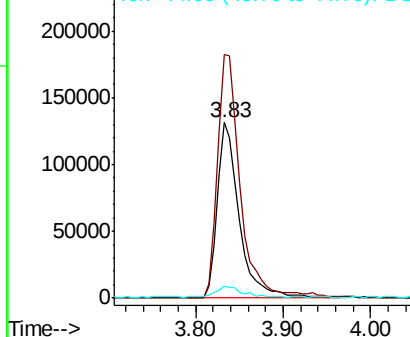
42 100

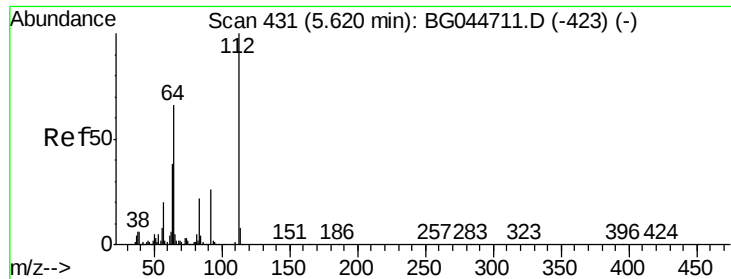
74 139.0 116.1 174.1

44 6.9 7.1 10.7#



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: 117.092 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

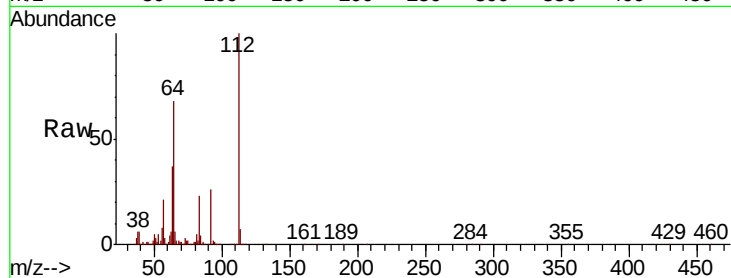
Tot Ion:112 Resp: 807245

Ion Ratio Lower Upper

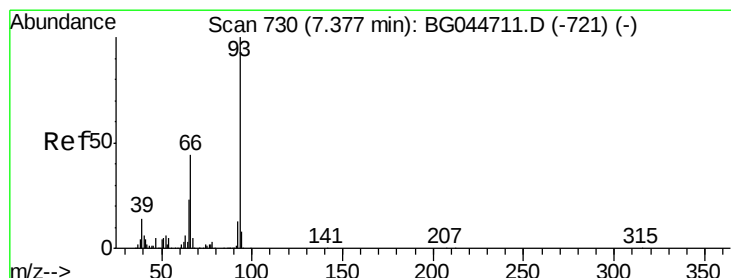
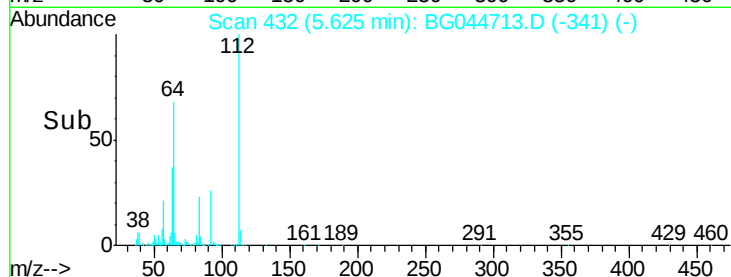
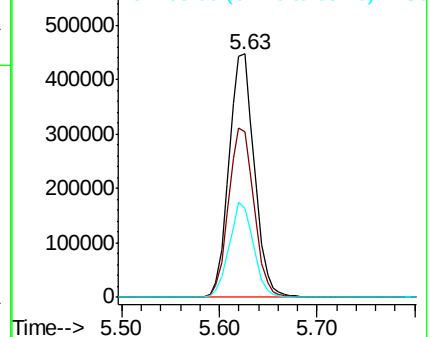
112 100

64 67.8 52.6 78.8

63 36.7 30.2 45.4



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: 55.774 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

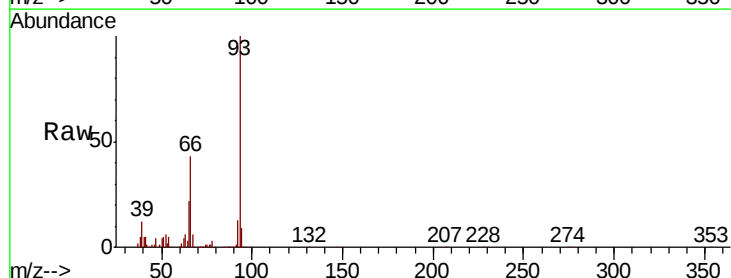
Tgt Ion: 93 Resp: 728087

Ion Ratio Lower Upper

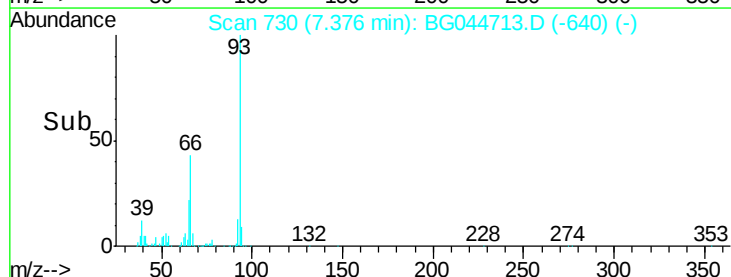
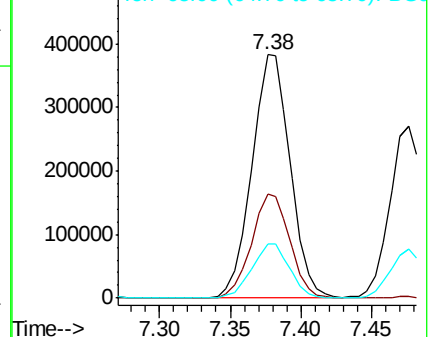
93 100

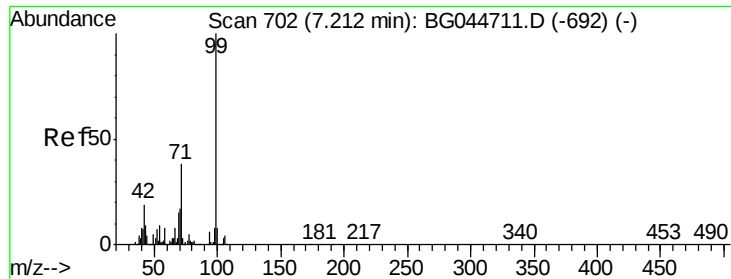
66 42.6 35.3 52.9

65 22.3 18.2 27.4



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: 111.319 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

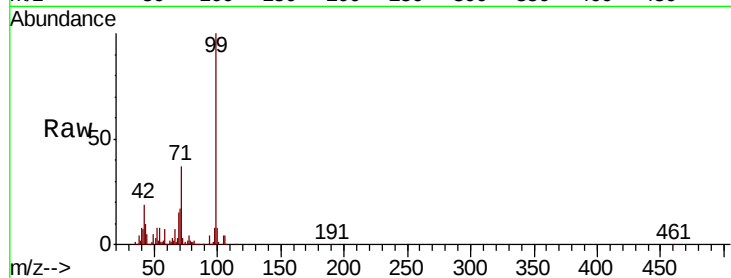
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1160032

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.4	23.0
71	36.6	30.2	45.4

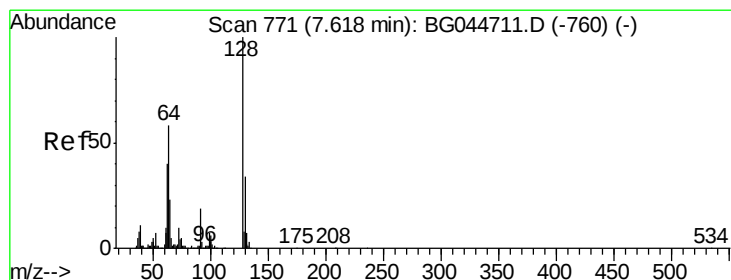
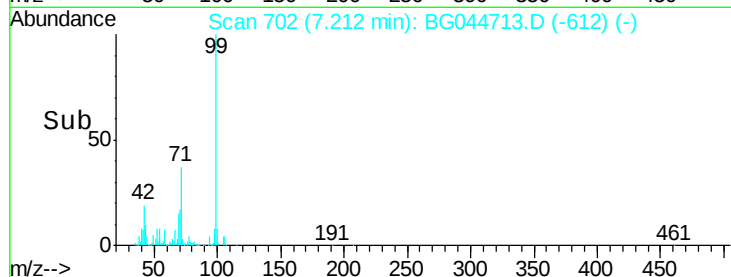
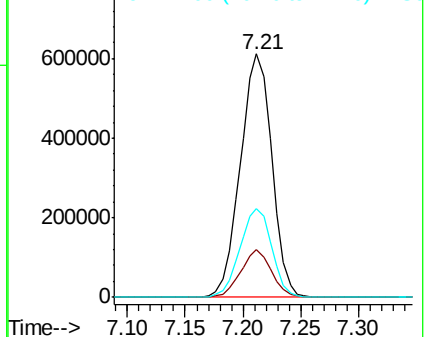


Abundance

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: 57.174 ng

RT: 7.62 min Scan# 772

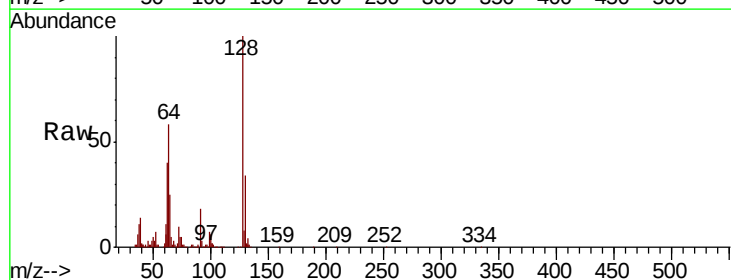
Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Tgt Ion: 128 Resp: 399494

Ion	Ratio	Lower	Upper
128	100		
130	33.9	13.6	53.6
64	58.0	38.6	78.6

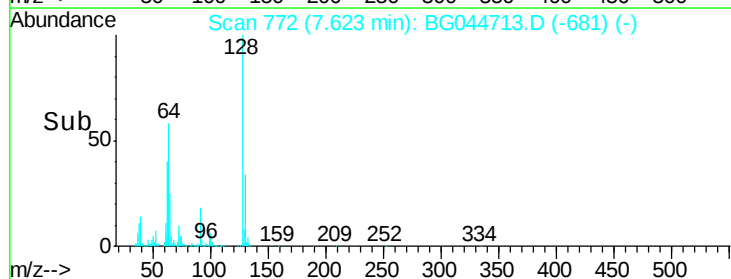
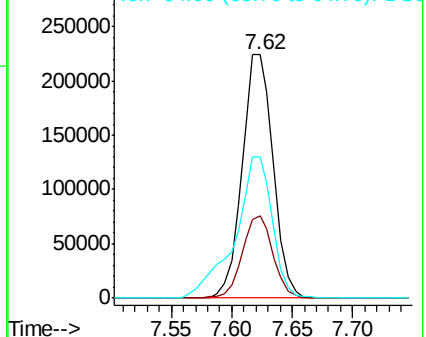


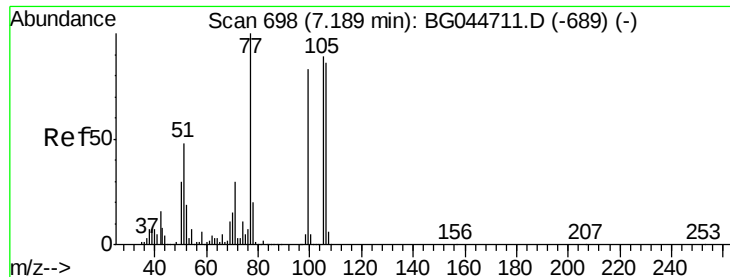
Abundance

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: 49.370 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

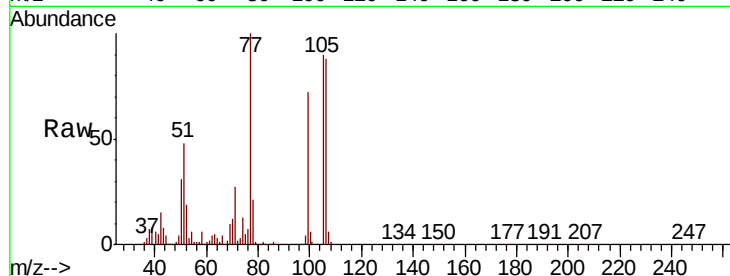
Tot Ion: 77 Resp: 301968

Ion Ratio Lower Upper

77 100

105 90.2 68.6 108.6

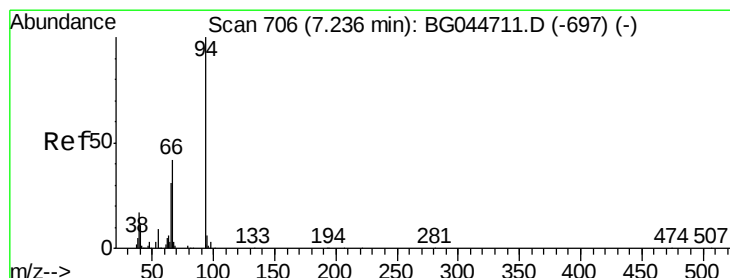
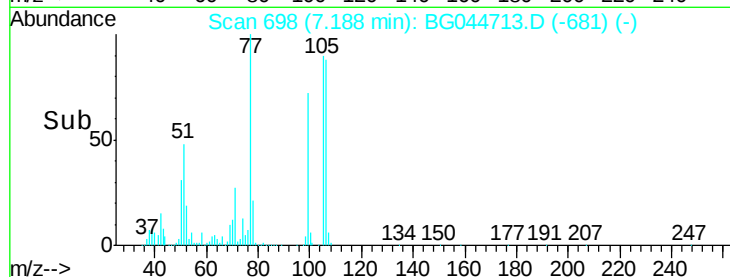
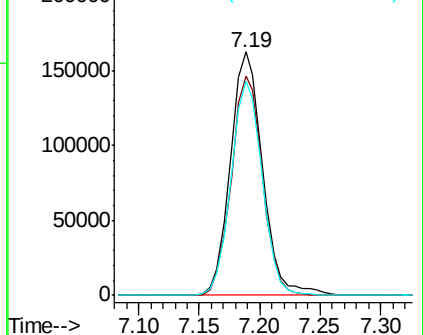
106 88.2 65.9 105.9



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: 55.561 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

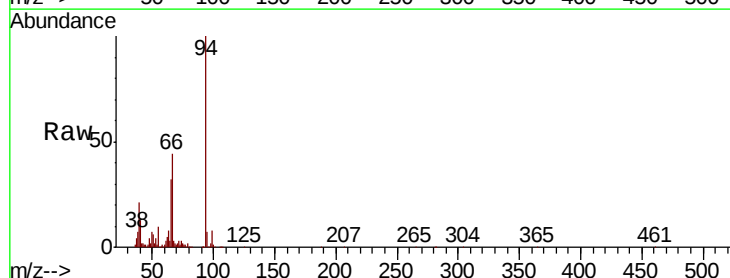
Tgt Ion: 94 Resp: 570349

Ion Ratio Lower Upper

94 100

65 32.3 11.3 51.3

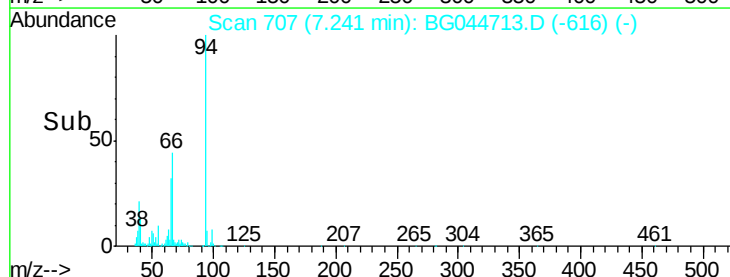
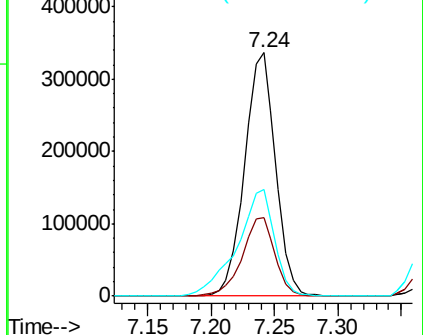
66 43.9 22.9 62.9

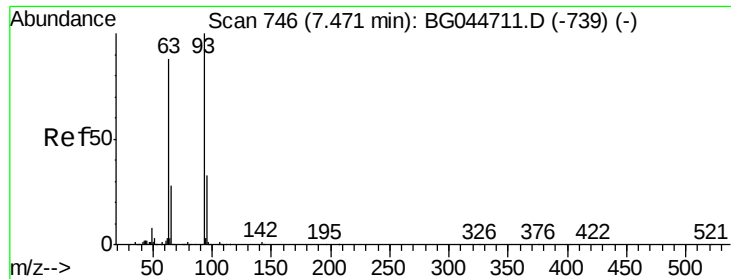


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

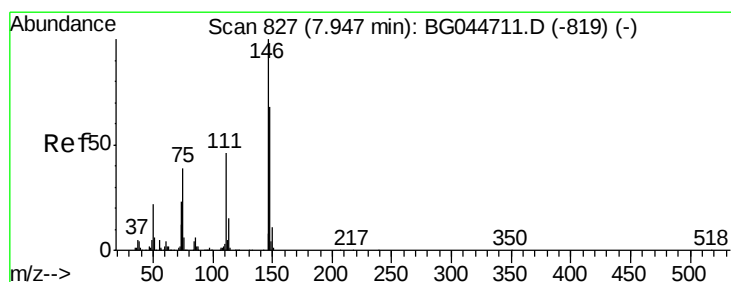
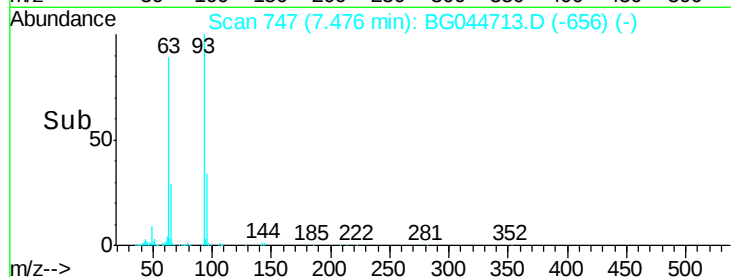
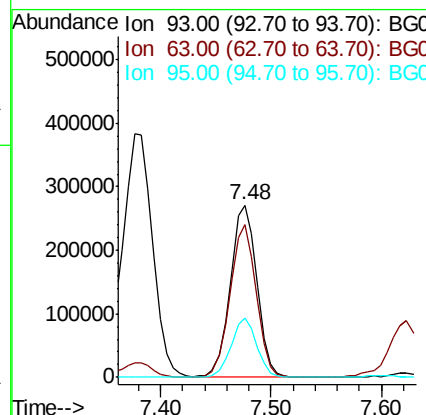
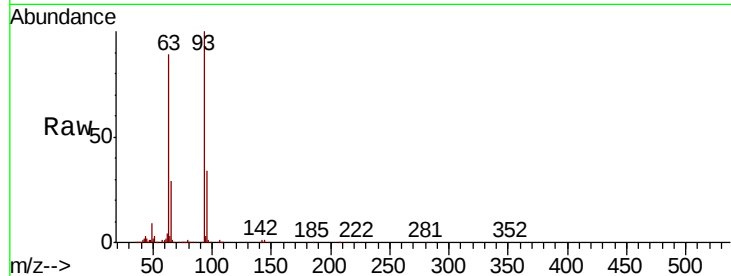




#11
 bis(2-Chloroethyl)ether
 Concen: 57.982 ng
 RT: 7.48 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

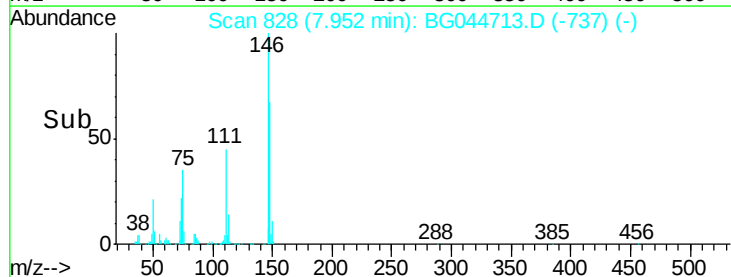
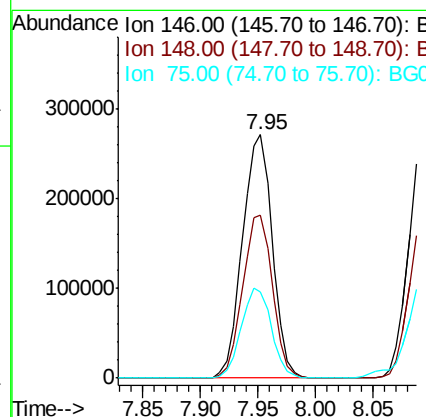
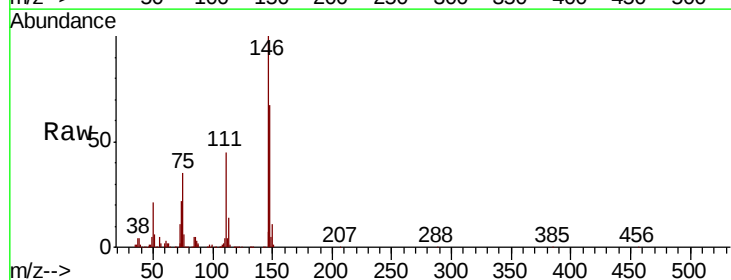
Instrument :
 BNA_G
 ClientSampleId :

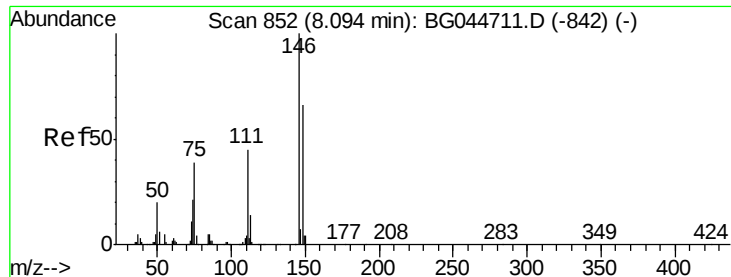
Tot Ion	Ratio	Lower	Upper
93	100		
63	88.8	68.1	108.1
95	34.2	12.4	52.4



#12
 1,3-Dichlorobenzene
 Concen: 58.450 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	54.2	81.2
75	35.4	31.3	46.9

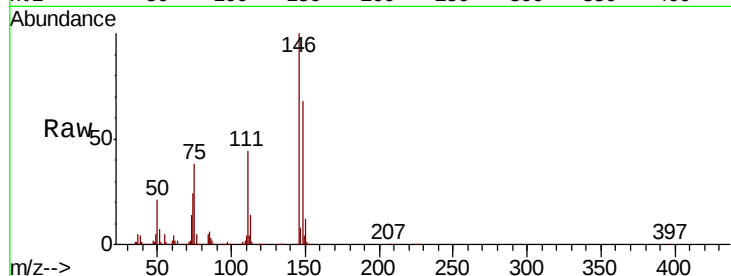




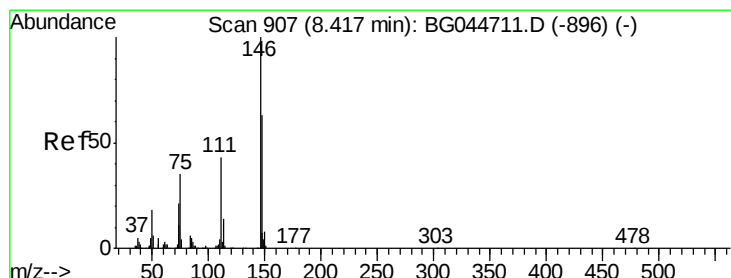
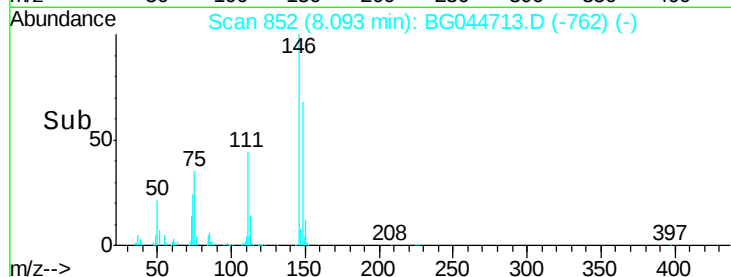
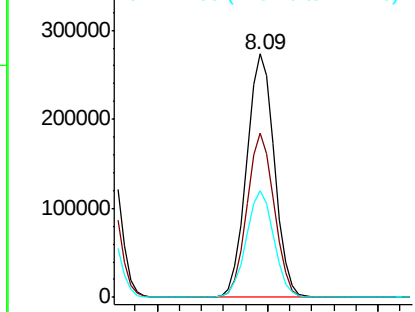
#13
1,4-Dichlorobenzene
Concen: 58.050 ng
RT: 8.09 min Scan# 852
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.6	52.9	79.3
111	44.0	35.6	53.4

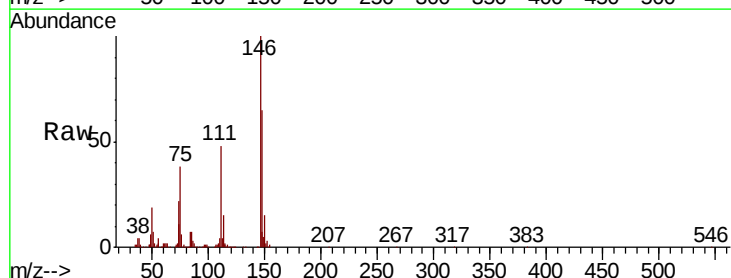


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

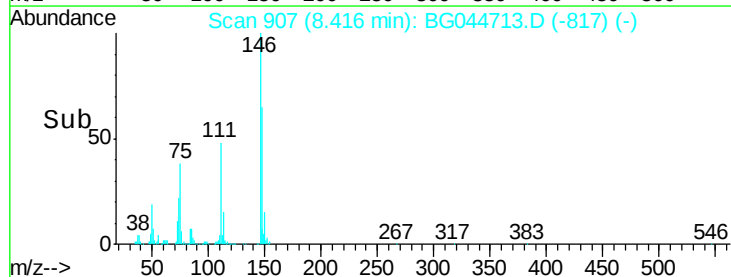
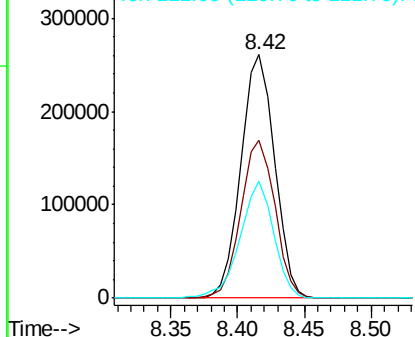


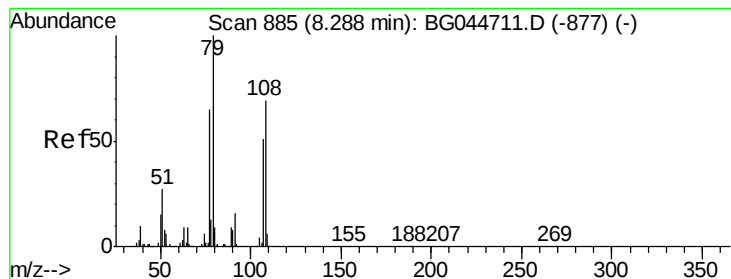
#14
1,2-Dichlorobenzene
Concen: 58.223 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.8	76.2
111	48.0	34.8	52.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.838 ng

RT: 8.29 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

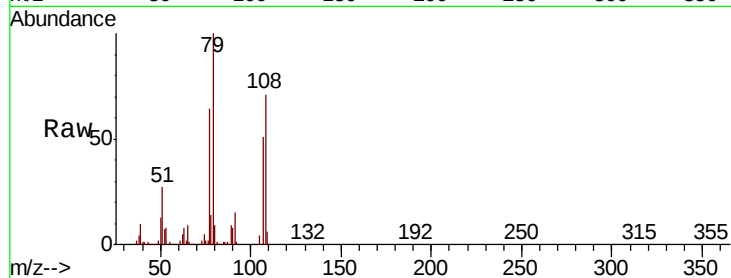
Tot Ion: 79 Resp: 475011

Ion Ratio Lower Upper

79 100

108 70.5 55.4 83.0

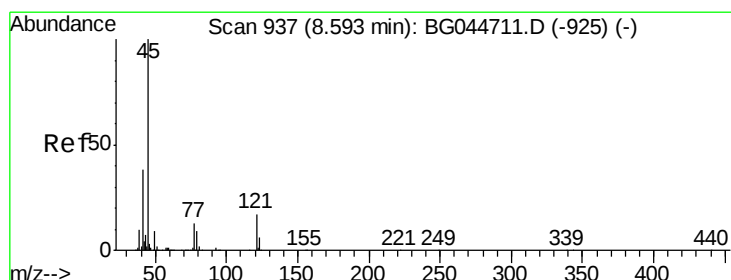
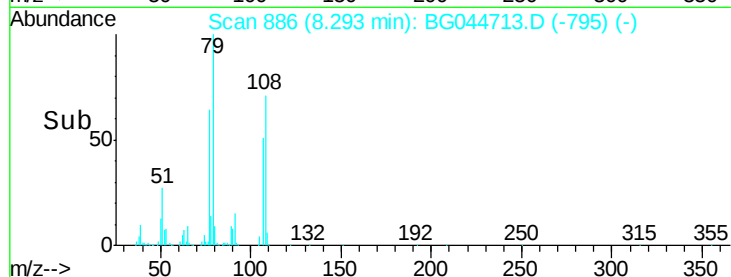
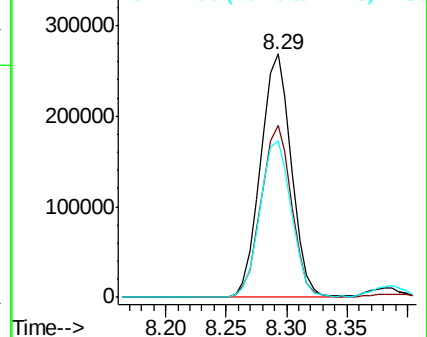
77 64.2 52.2 78.4



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: 54.059 ng

RT: 8.59 min Scan# 937

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

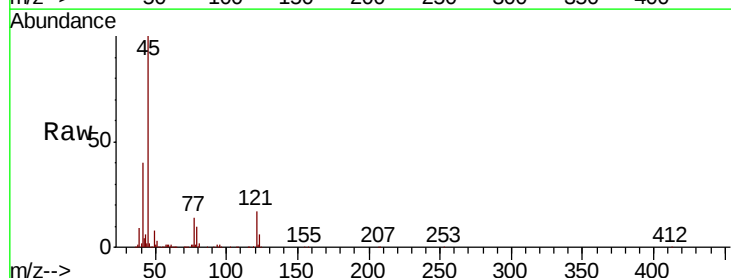
Tgt Ion: 45 Resp: 805589

Ion Ratio Lower Upper

45 100

77 14.3 0.0 33.4

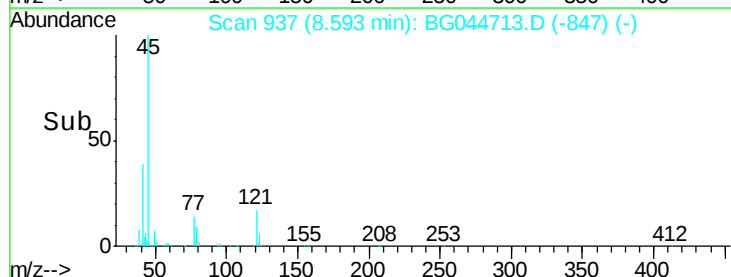
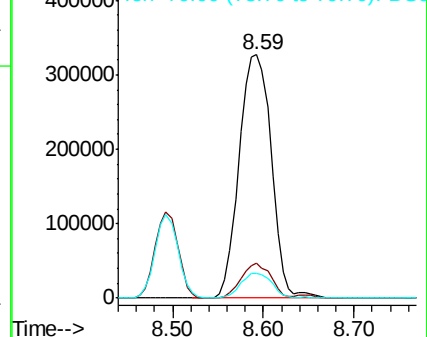
79 10.0 0.0 30.0

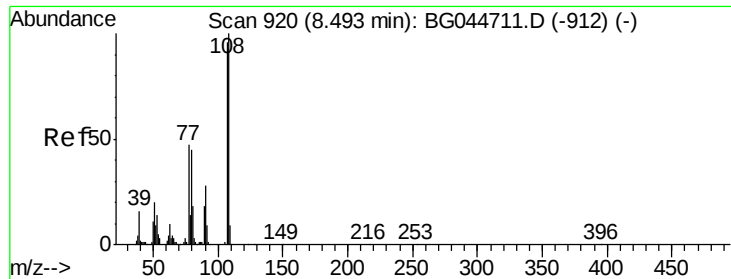


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 55.296 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 388929

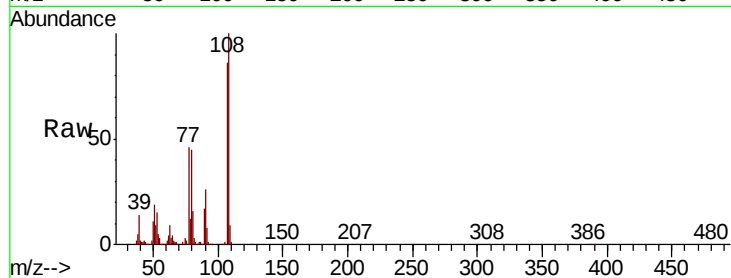
Ion Ratio Lower Upper

107 100

108 115.6 83.2 124.8

77 53.8 39.0 58.6

79 52.5 37.6 56.4

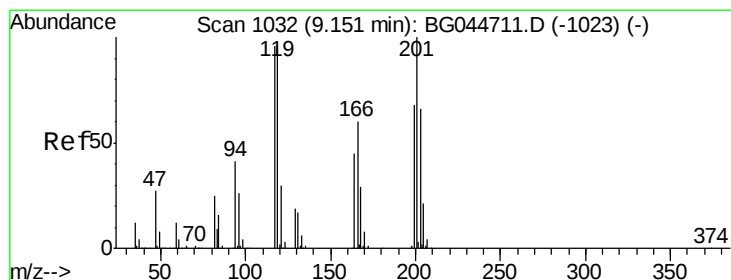
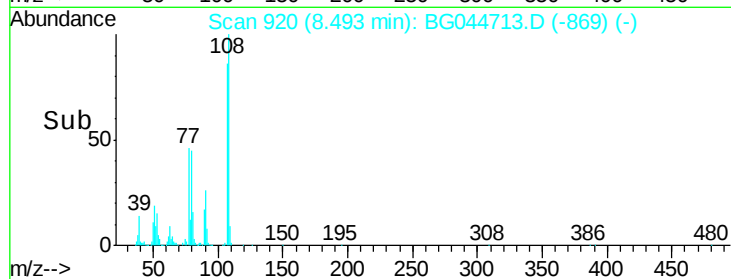
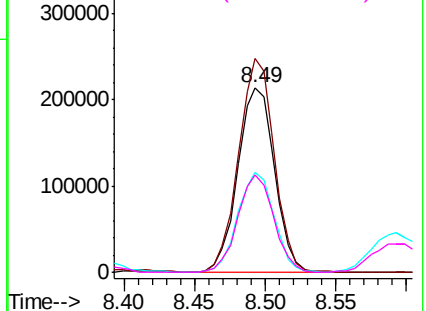


Abundance Ion 107.00 (106.70 to 107.70): E

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: 57.116 ng

RT: 9.15 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

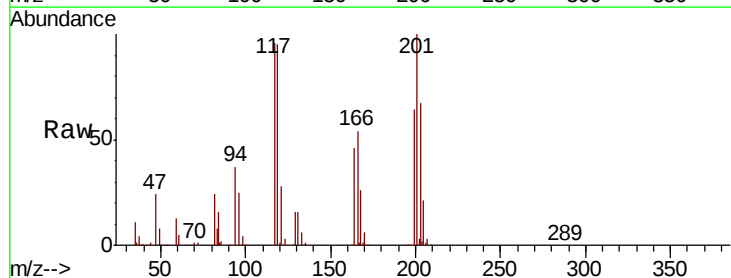
Tgt Ion:117 Resp: 190183

Ion Ratio Lower Upper

117 100

119 99.0 80.2 120.4

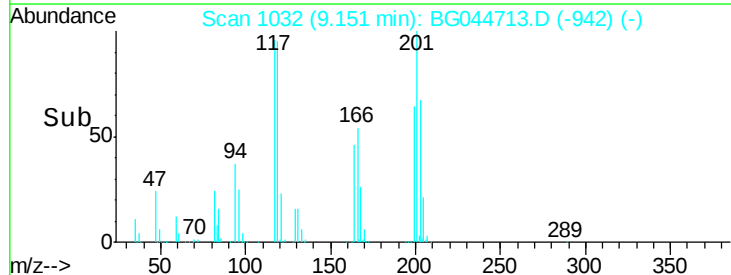
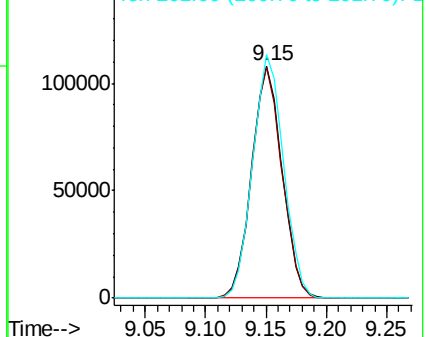
201 104.7 83.4 125.2

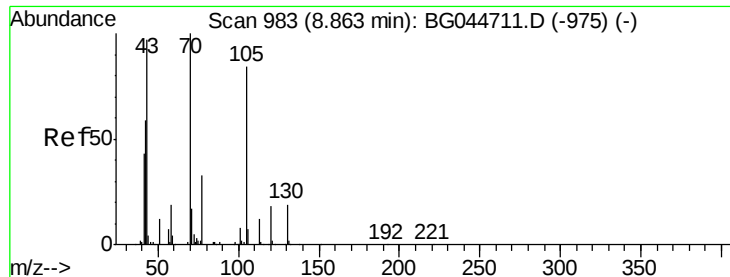


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

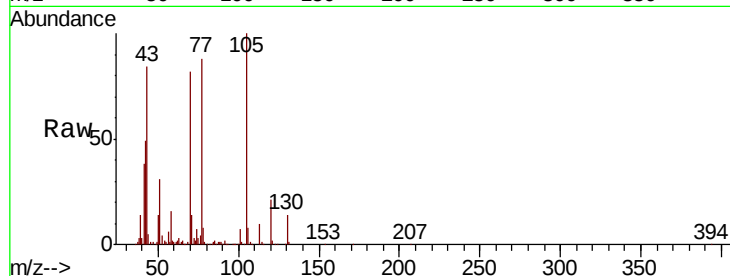




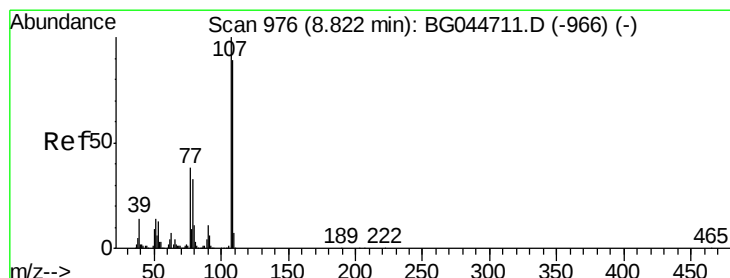
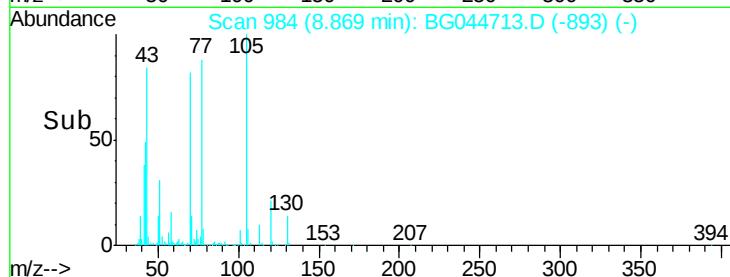
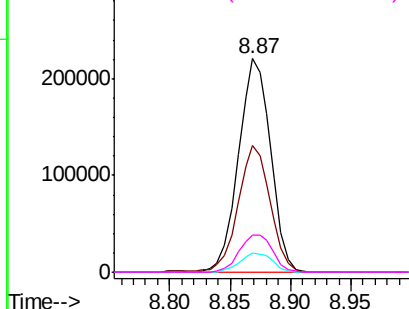
#19
n-Nitroso-di-n-propylamine
Concen: 52.530 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 408942
Ion Ratio Lower Upper
70 100
42 59.3 47.6 71.4
101 9.0 6.5 9.7
130 17.6 15.0 22.4

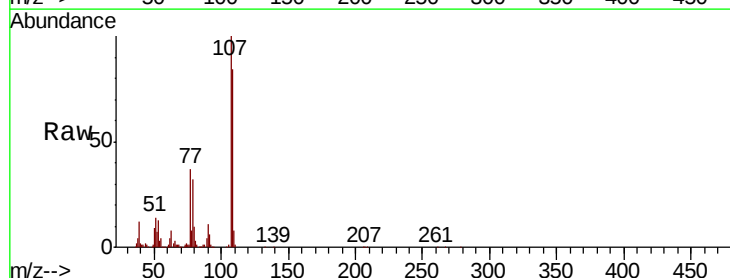


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

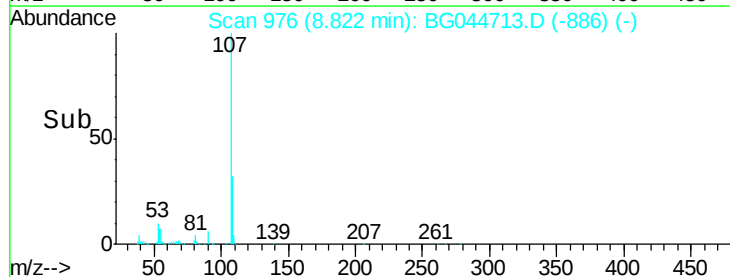
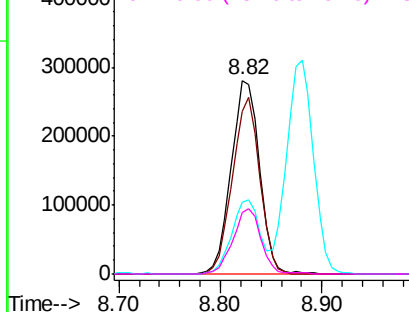


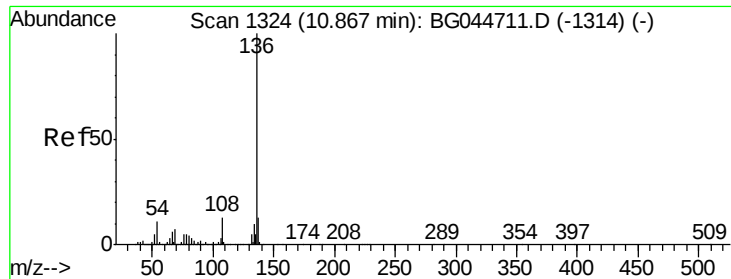
#20
3+4-Methylphenols
Concen: 55.730 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion: 107 Resp: 546067
Ion Ratio Lower Upper
107 100
108 84.1 69.1 109.1
77 37.1 17.7 57.7
79 31.8 13.0 53.0



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

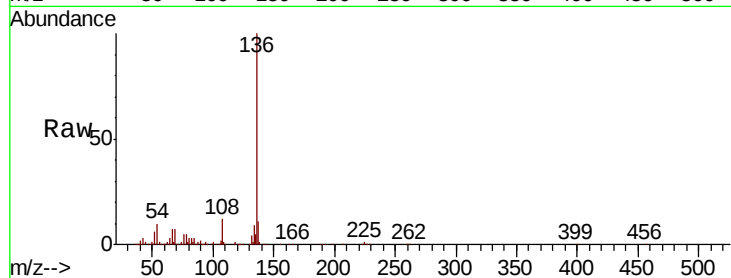




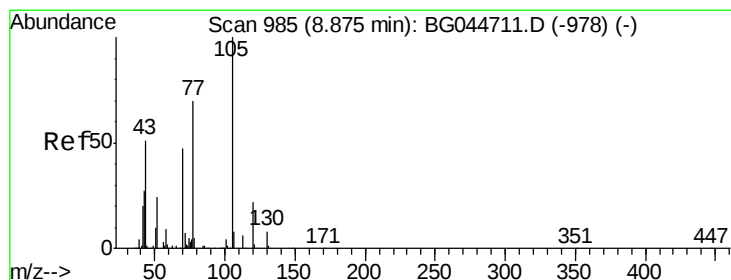
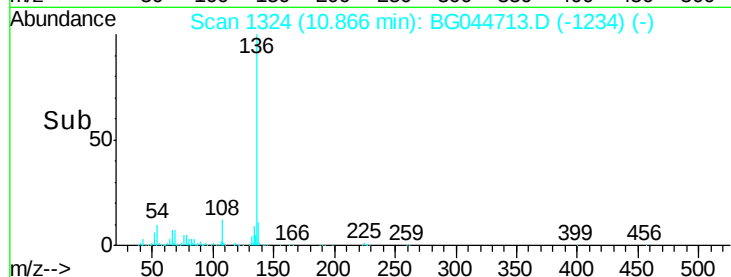
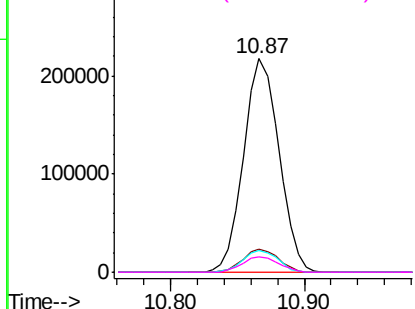
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	398876	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	10.7	16.1	
54 10.4	9.0	13.4	
68 7.2	5.9	8.9	

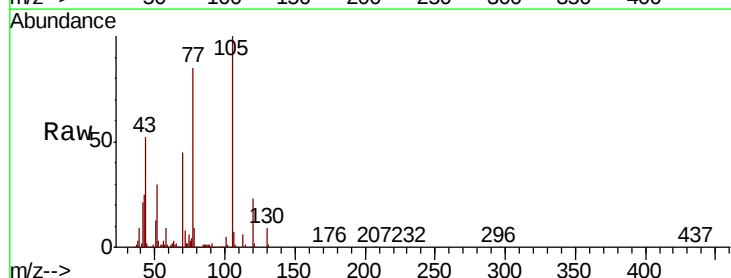


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

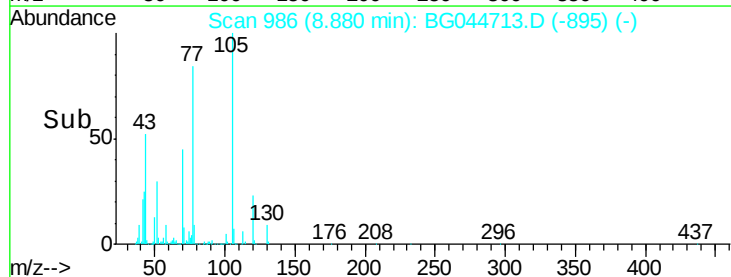
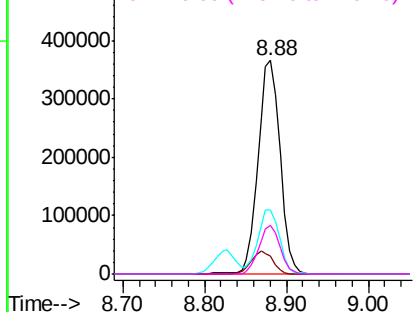


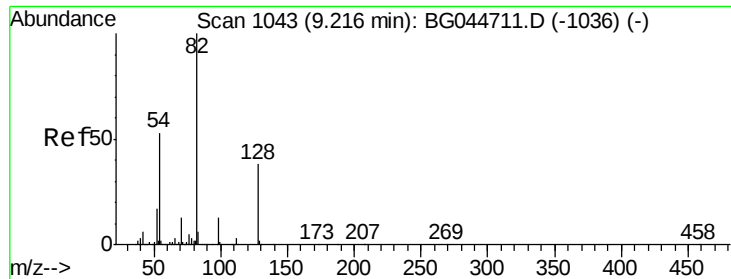
#22
Acetophenone
Concen: 58.896 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt	Ion:105	Resp:	685808
Ion	Ratio	Lower	Upper
105	100		
71	8.1	5.8	8.8
51	30.0	23.8	35.8
120	23.1	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E



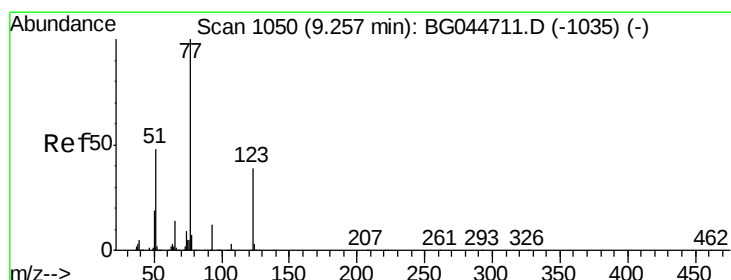
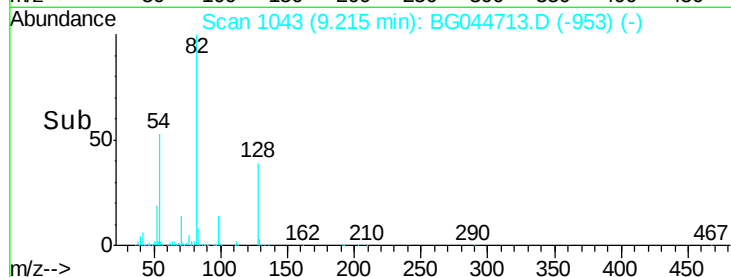
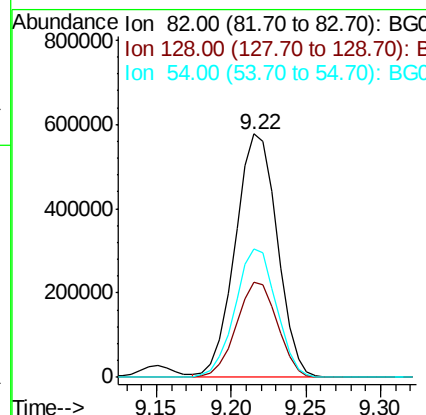
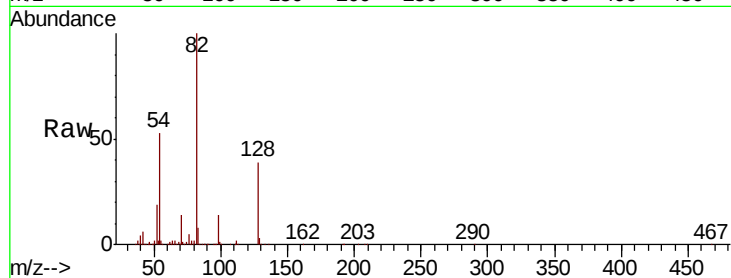


#23
 Nitrobenzene-d5
 Concen: 128.783 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 1128218

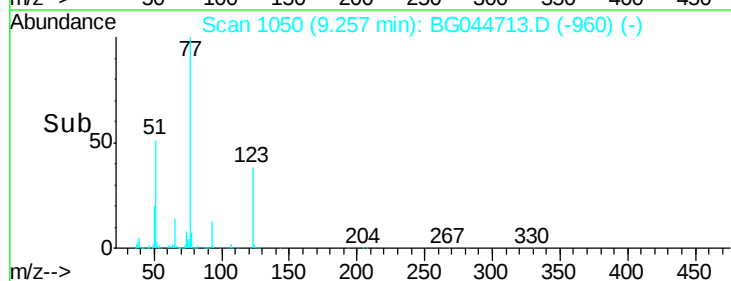
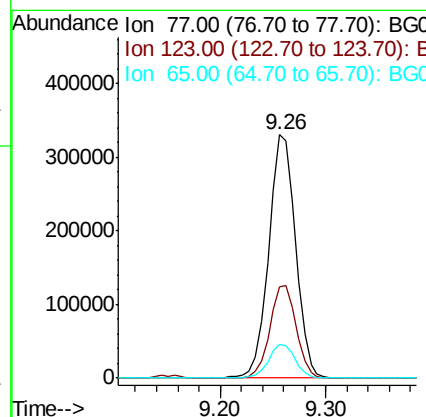
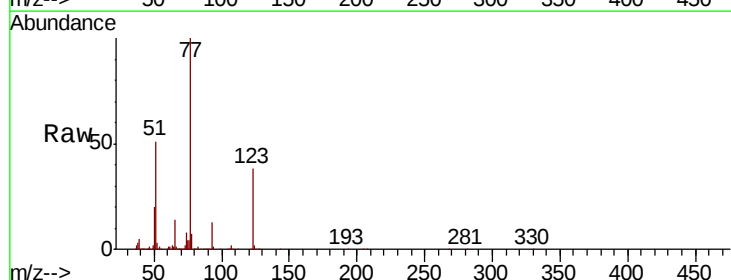
Ion	Ratio	Lower	Upper
82	100		
128	38.8	30.2	45.2
54	52.6	41.8	62.8

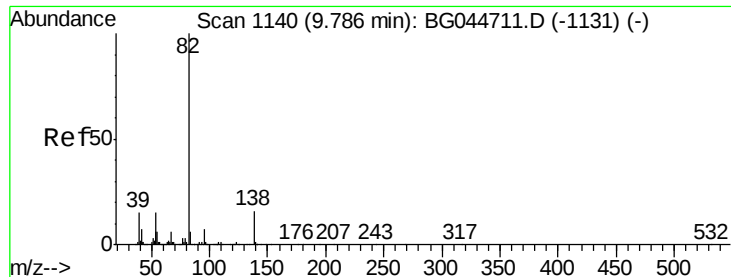


#24
 Nitrobenzene
 Concen: 62.470 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

Tgt Ion: 77 Resp: 580240

Ion	Ratio	Lower	Upper
77	100		
123	37.8	31.5	47.3
65	14.1	11.0	16.4





#25

Isophorone

Concen: 55.956 ng

RT: 9.79 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

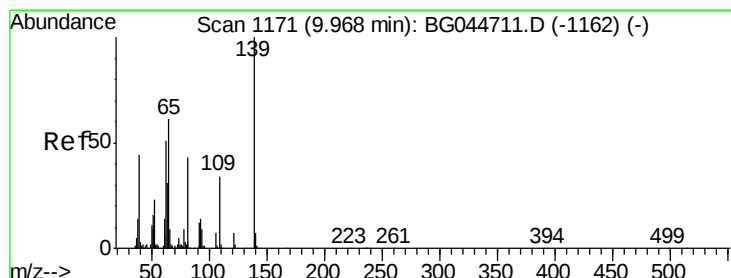
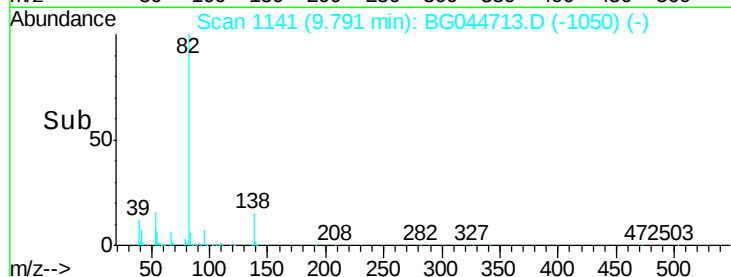
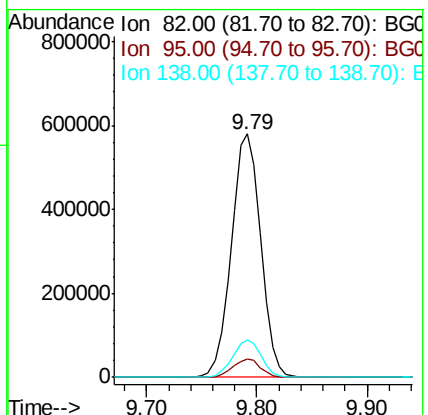
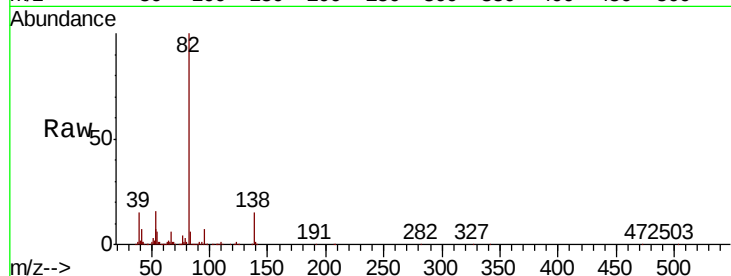
Tot Ion: 82 Resp: 1081037

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

138 15.4 13.0 19.4



#26

2-Nitrophenol

Concen: 67.700 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

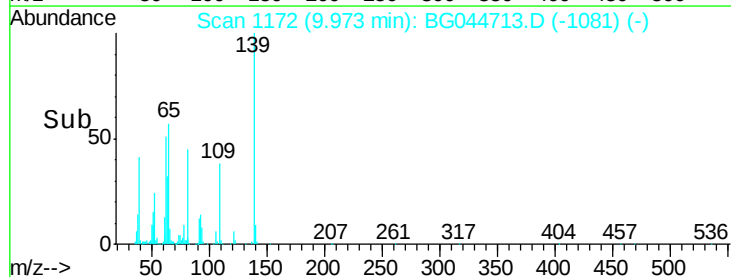
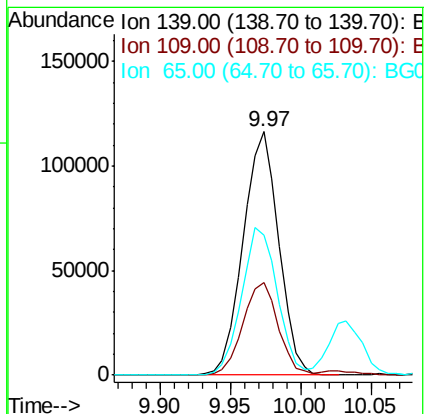
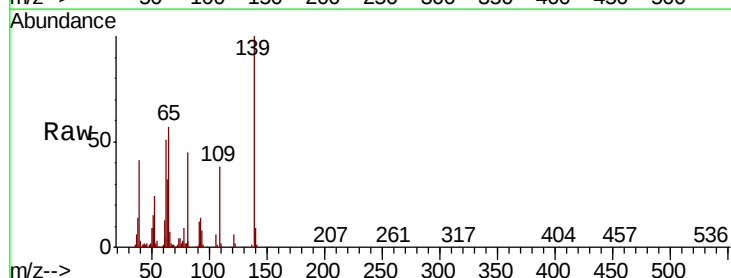
Tgt Ion: 139 Resp: 205633

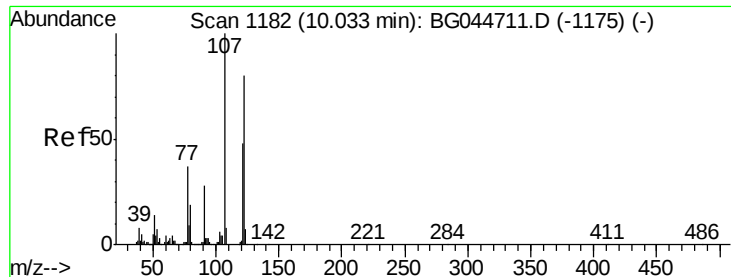
Ion Ratio Lower Upper

139 100

109 37.8 27.0 40.4

65 57.3 48.6 73.0

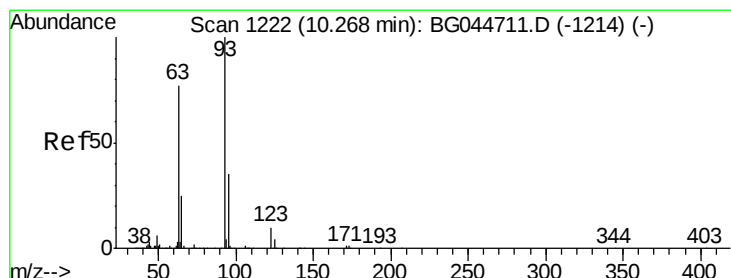
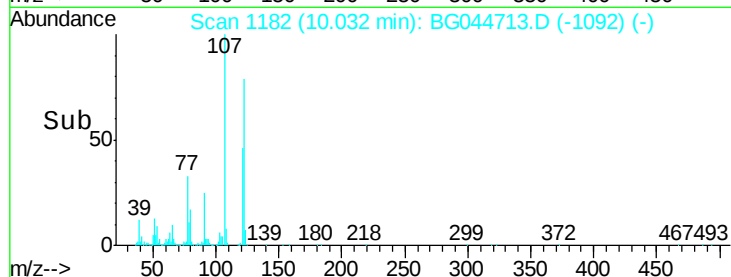
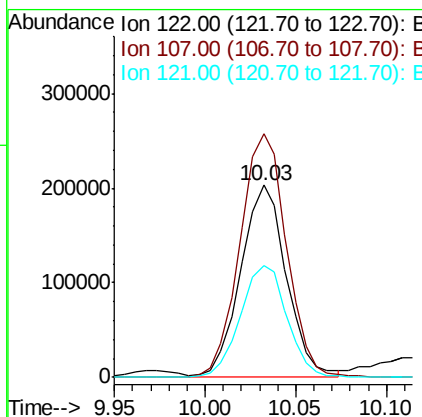
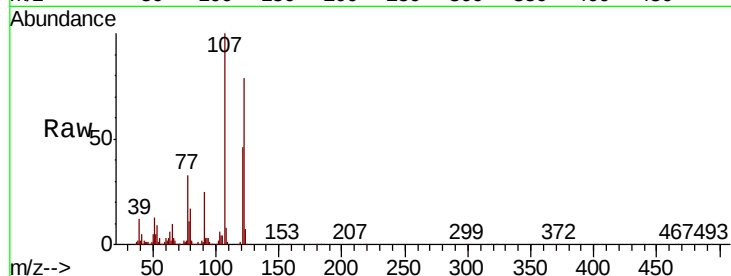




#27
2,4-Dimethylphenol
Concen: 58.602 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

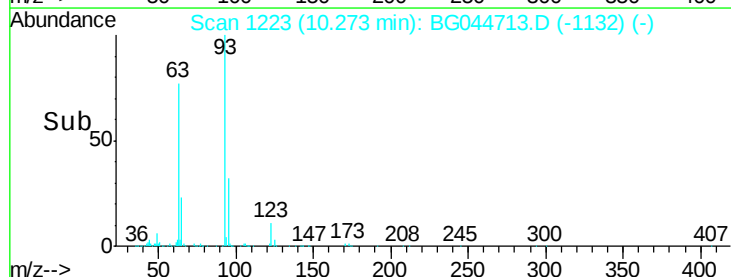
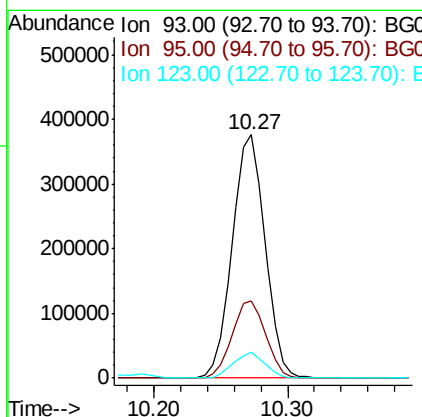
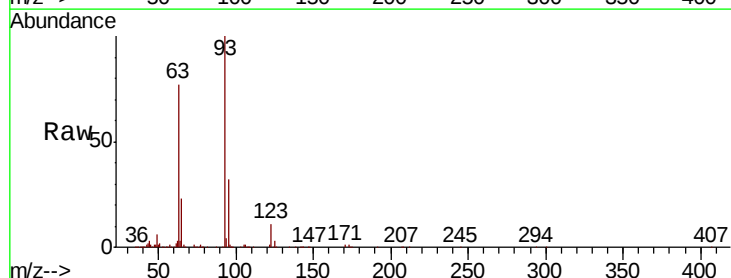
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.9	99.0	148.6
121	58.5	47.6	71.4



#28
bis(2-Chloroethoxy)methane
Concen: 59.145 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	27.7	41.5
123	10.7	8.1	12.1

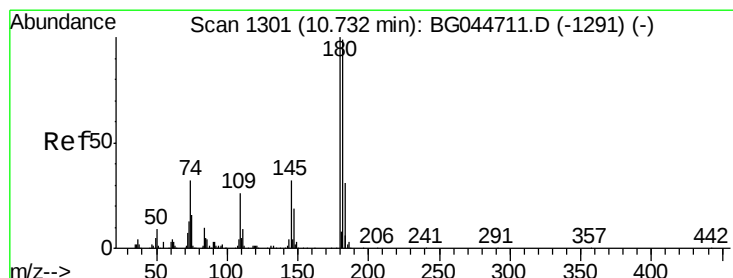
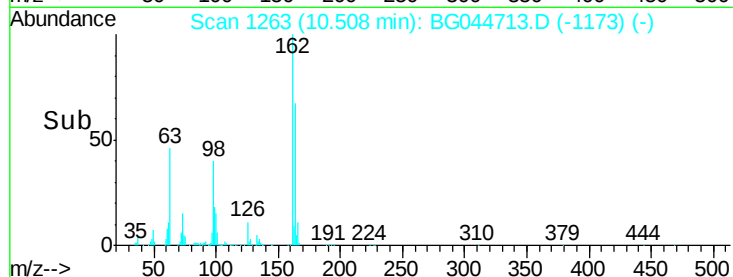
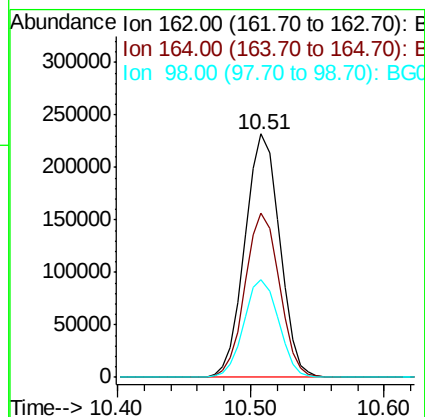
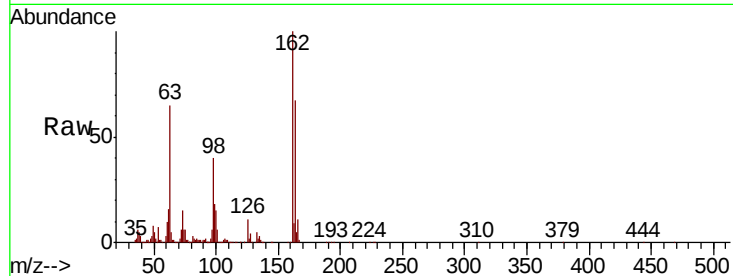




#29
2,4-Dichlorophenol
Concen: 60.558 ng
RT: 10.51 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

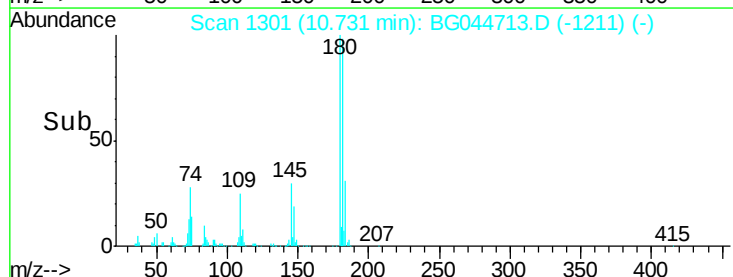
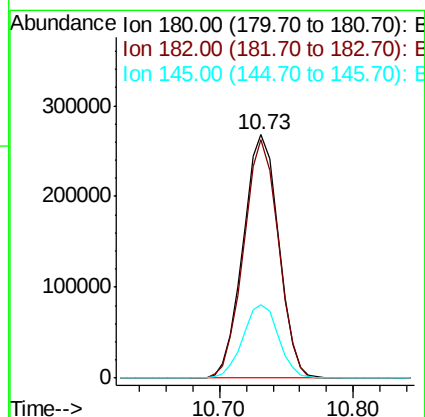
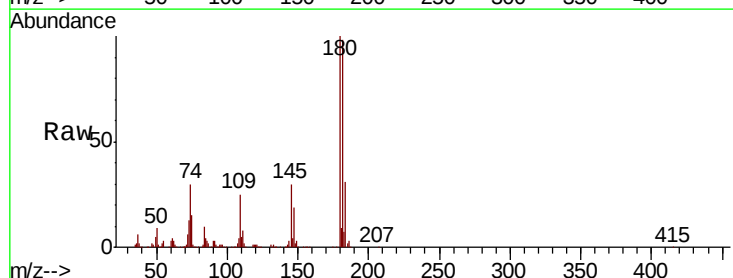
Instrument :
BNA_G
ClientSampleId :

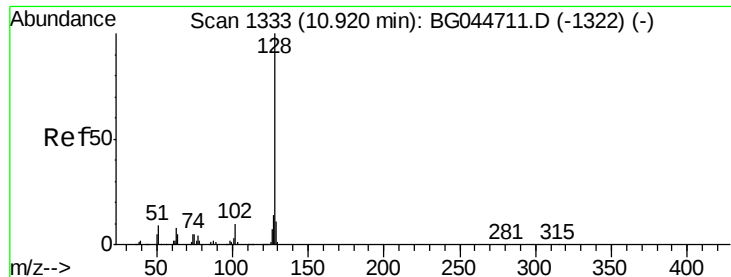
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	46.5	86.5
98	40.0	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 61.586 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	78.8	118.2
145	30.1	25.4	38.0

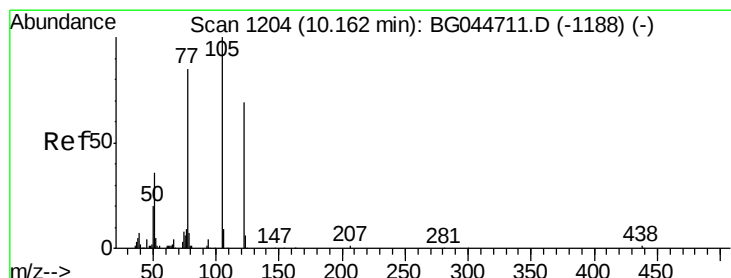
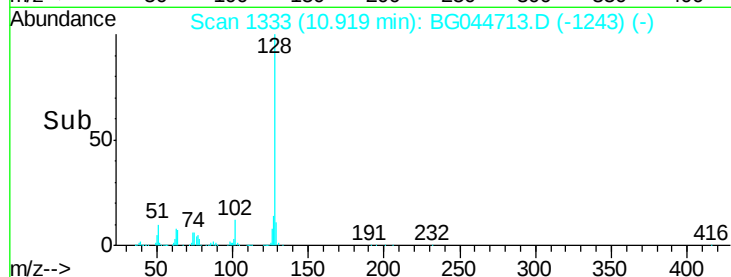
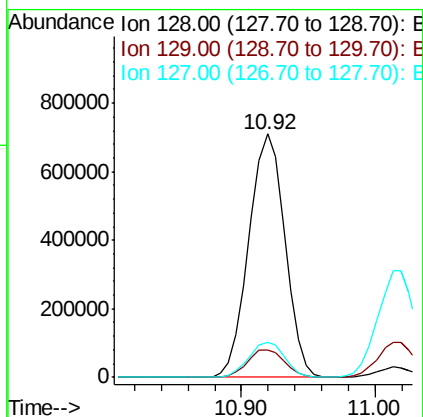
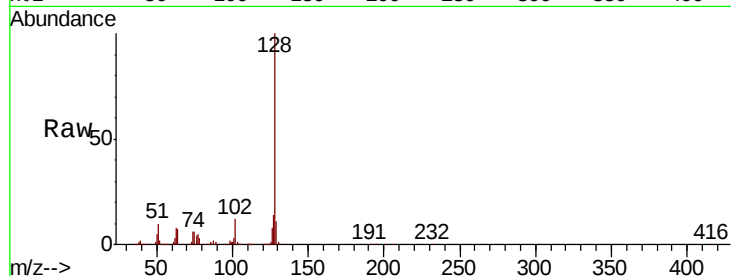




#31
Naphthalene
Concen: 59.369 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

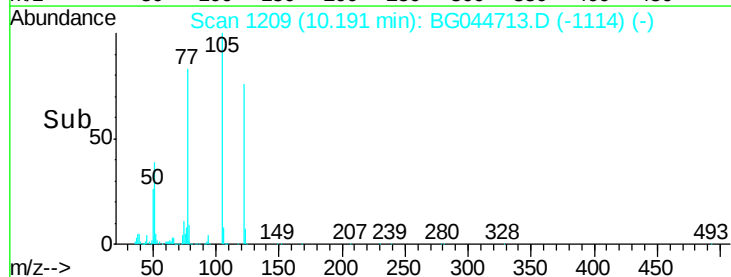
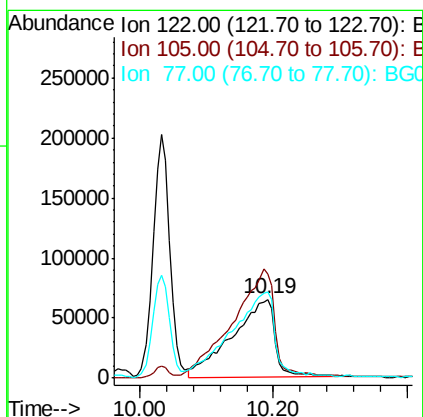
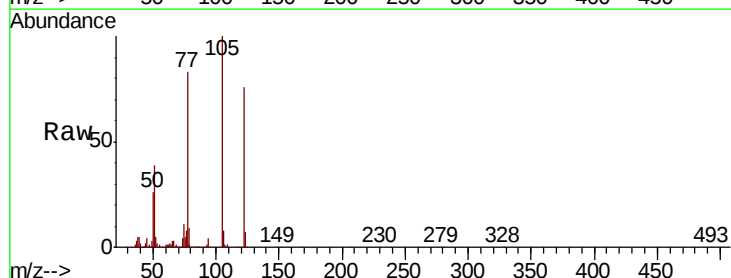
Instrument :
BNA_G
ClientSampleId :

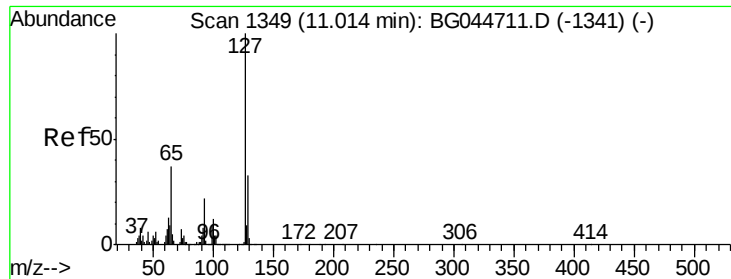
Tot Ion:128 Resp: 1328947
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 14.3 11.0 16.6



#32
Benzoic acid
Concen: 67.268 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.03 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion:122 Resp: 285944
Ion Ratio Lower Upper
122 100
105 131.5 119.0 159.0
77 108.7 96.4 136.4

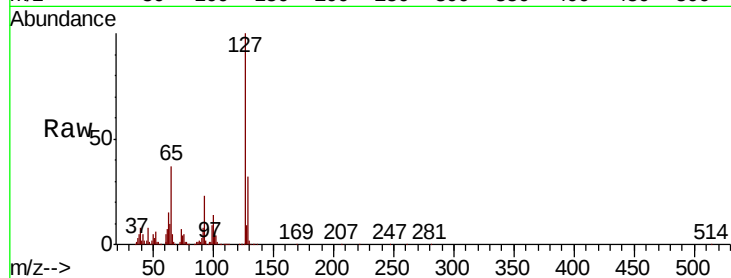




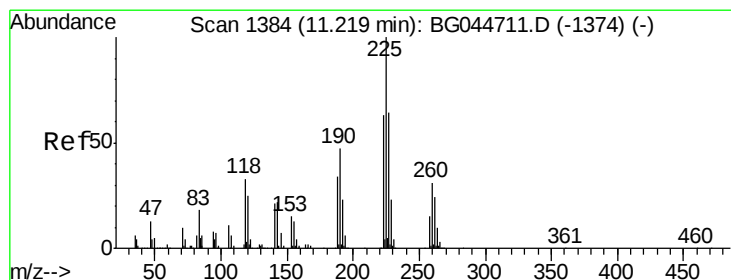
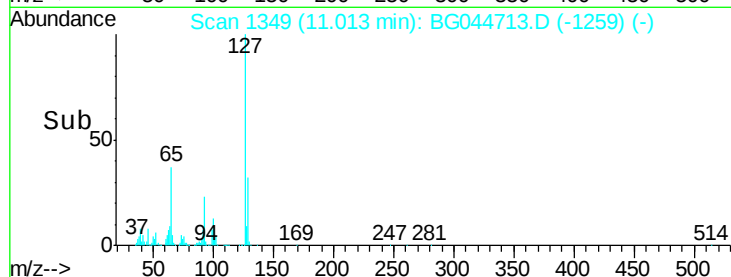
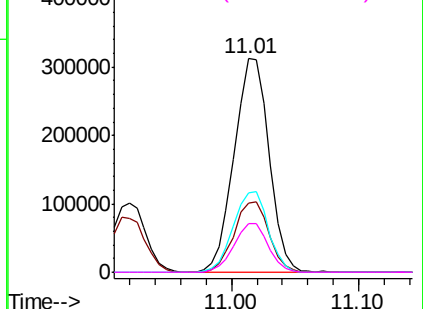
#33
4-Chloroaniline
Concen: 57.827 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	596208
Ion	Ratio	Lower Upper
127	100	
129	32.3	26.2 39.4
65	37.1	29.6 44.4
92	22.5	17.4 26.0

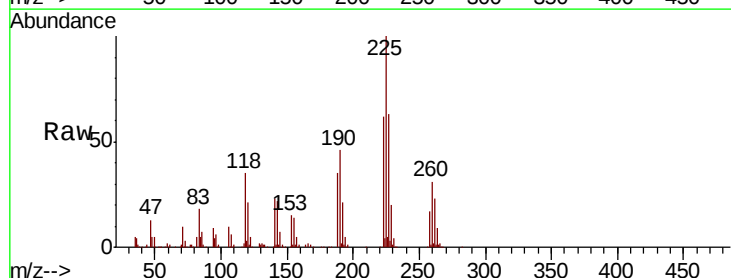


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

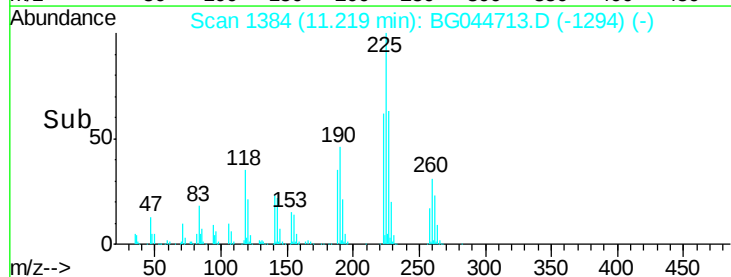
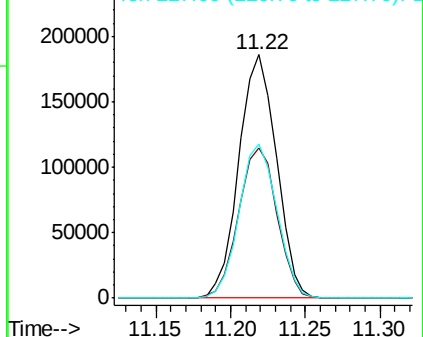


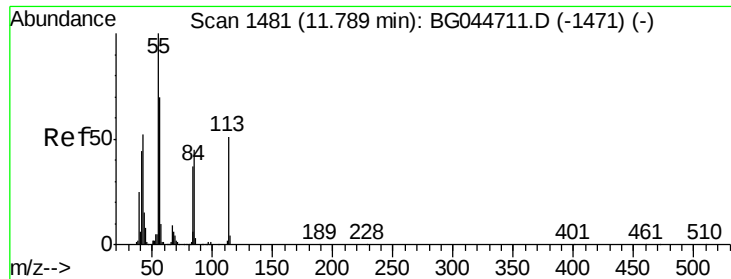
#34
Hexachlorobutadiene
Concen: 59.605 ng
RT: 11.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion:225	Resp:	326234
Ion	Ratio	Lower Upper
225	100	
223	61.9	50.6 76.0
227	63.2	51.6 77.4



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

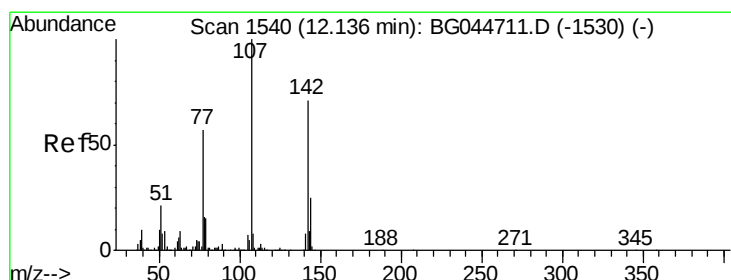
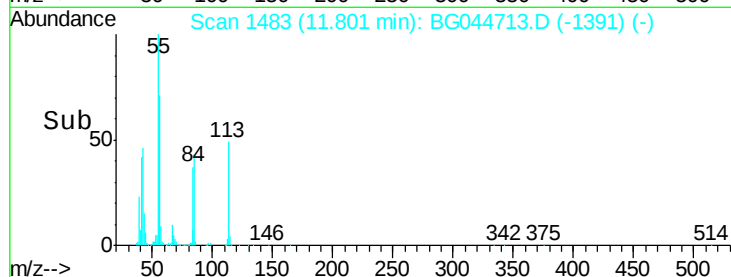
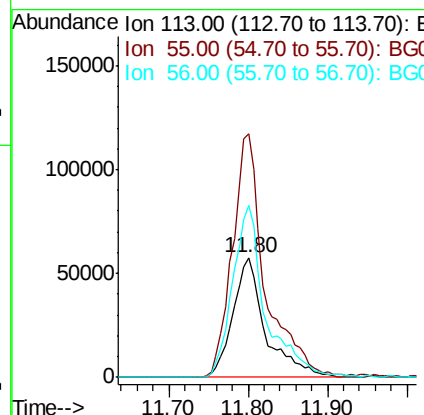
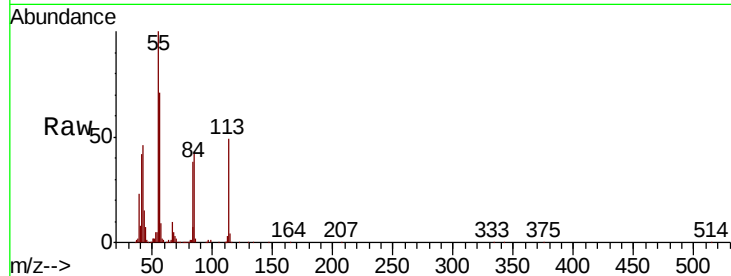




#35
 Caprolactam
 Concen: 57.072 ng
 RT: 11.80 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

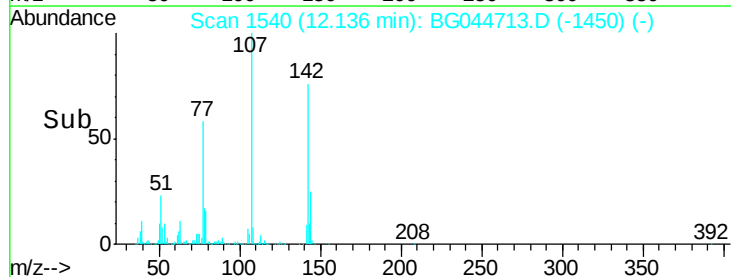
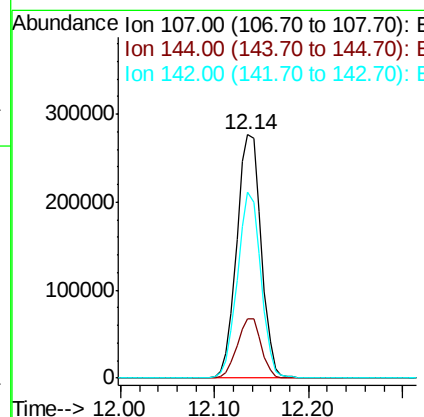
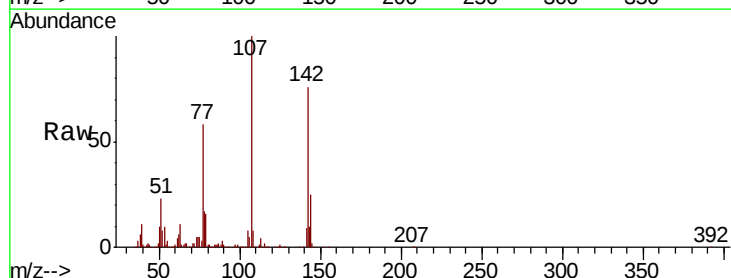
Instrument :
 BNA_G
 ClientSampleId :

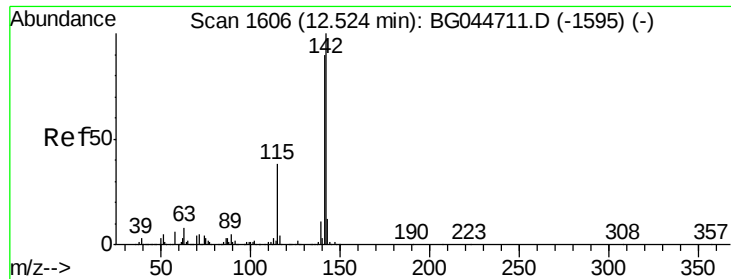
Tot Ion:113 Resp: 164303
 Ion Ratio Lower Upper
 113 100
 55 203.8 178.4 218.4
 56 144.1 117.7 157.7



#36
 4-Chloro-3-methylphenol
 Concen: 57.185 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

Tgt Ion:107 Resp: 499443
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.6 29.4
 142 76.2 56.5 84.7

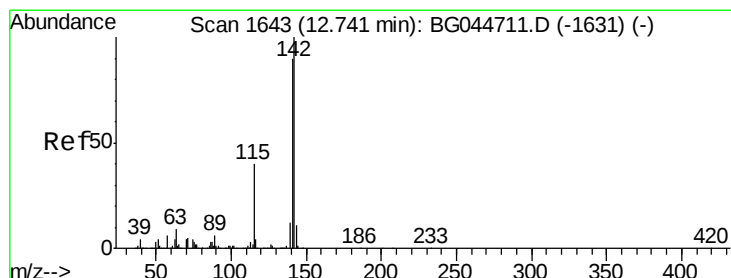
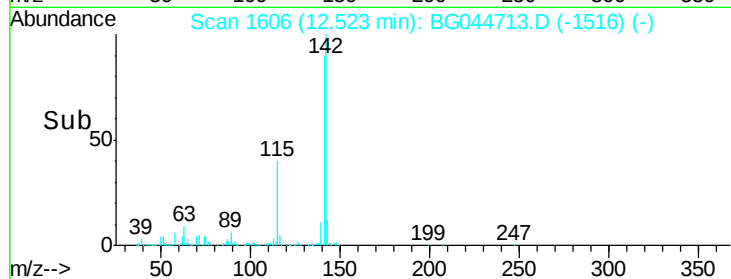
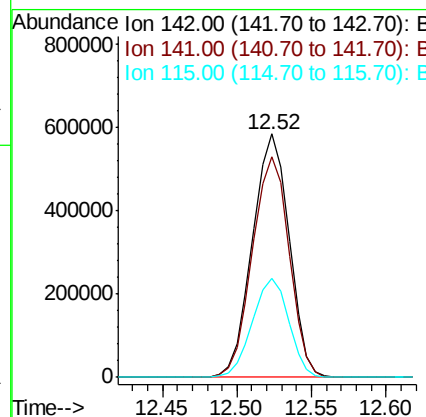
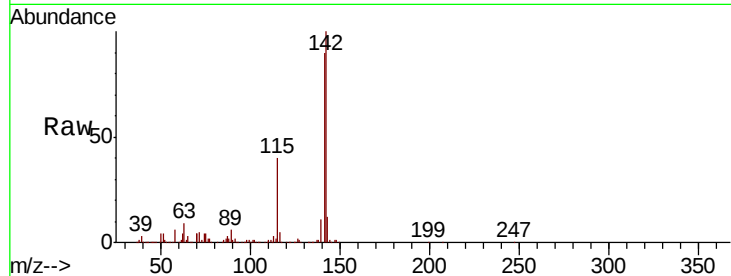




#37
2-Methylnaphthalene
Concen: 58.724 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

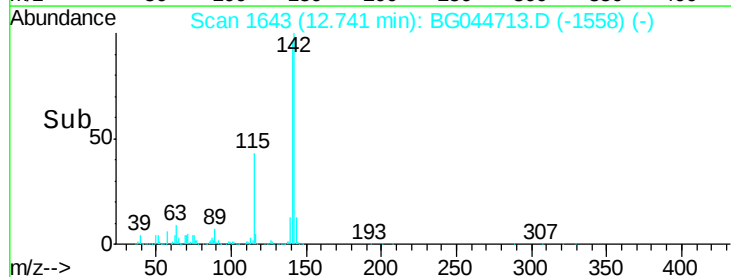
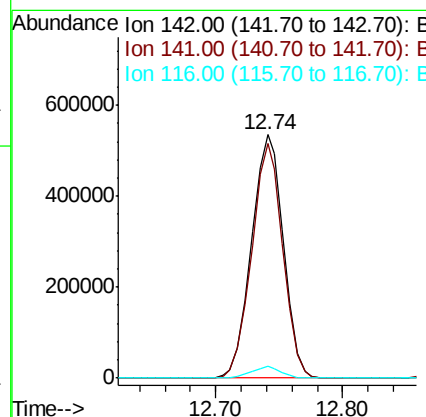
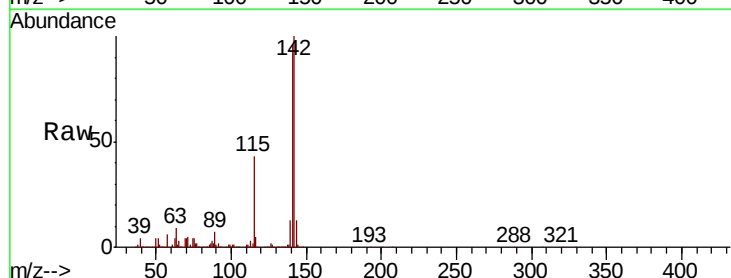
Instrument :
BNA_G
ClientSampleId :

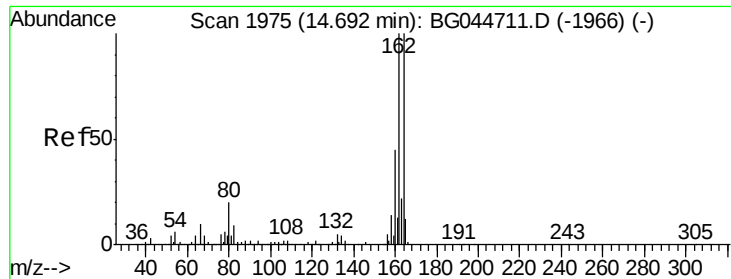
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5
115	40.5	30.6	45.8



#38
1-Methylnaphthalene
Concen: 58.220 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.4	72.2	108.2
116	4.9	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

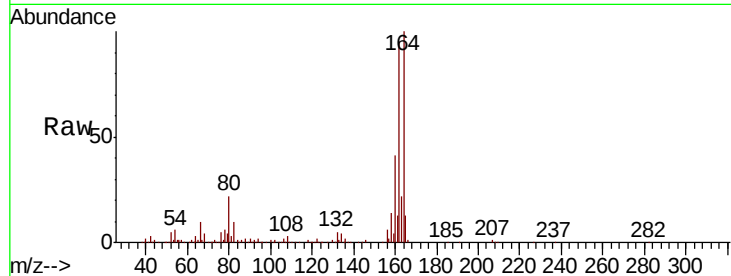
Tot Ion:164 Resp: 269945

Ion Ratio Lower Upper

164 100

162 94.9 80.2 120.4

160 41.5 36.2 54.2



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

14.69

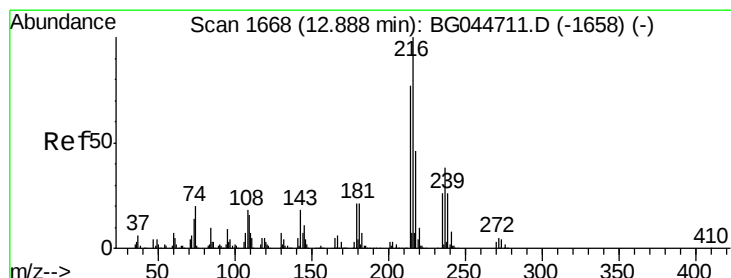
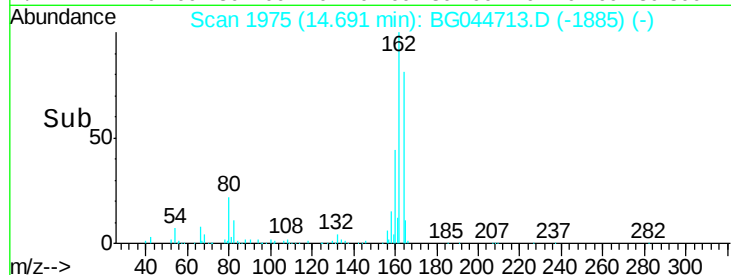
150000

100000

50000

0

Time--> 14.60 14.65 14.70 14.75



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.103 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Tgt Ion:216 Resp: 526704

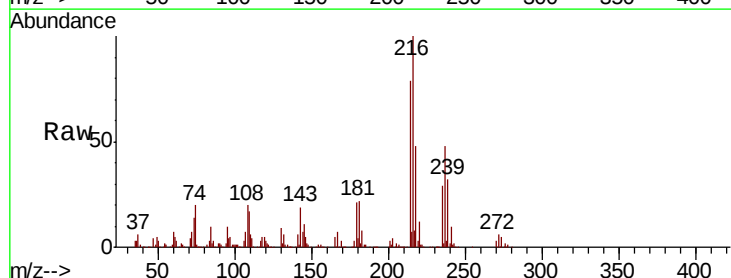
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 20.7 16.6 24.8

108 19.8 15.6 23.4



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

12.89

400000

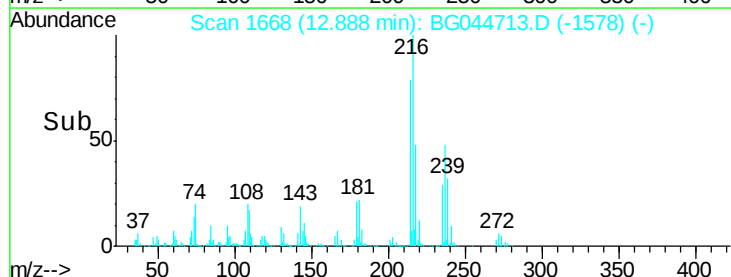
300000

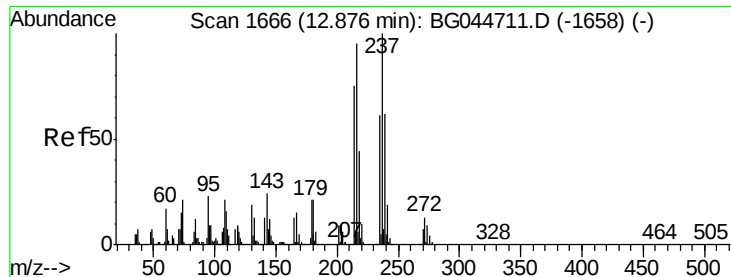
200000

100000

0

Time--> 12.80 12.90 13.00





#41

Hexachlorocyclopentadiene

Concen: 58.433 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

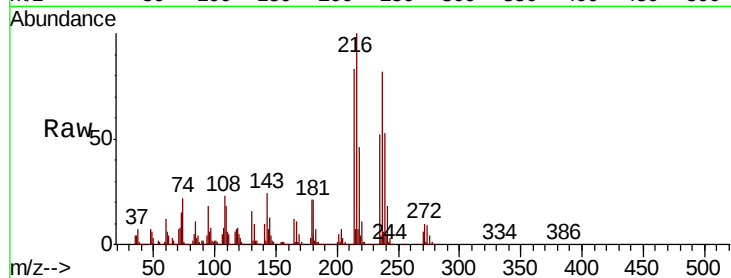
Tot Ion:237 Resp: 299435

Ion Ratio Lower Upper

237 100

235 63.2 40.6 80.6

272 11.9 0.0 32.5

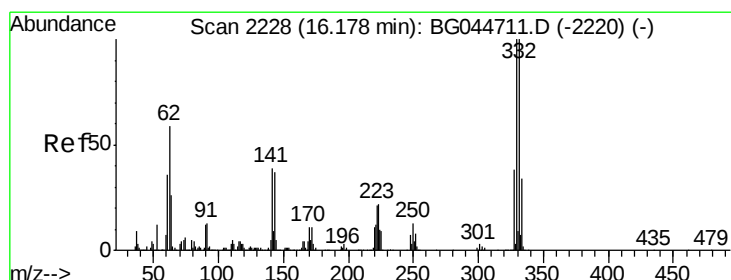
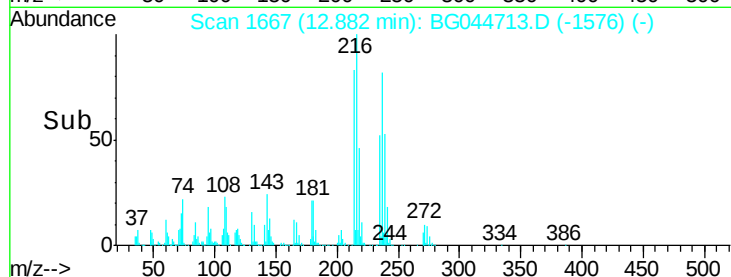
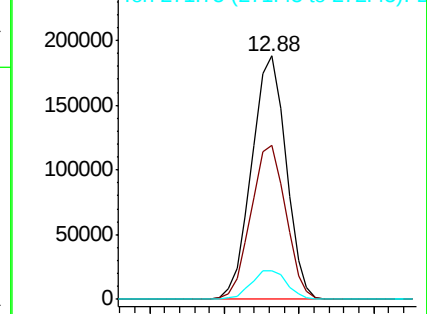


Abundance

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: 117.178 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

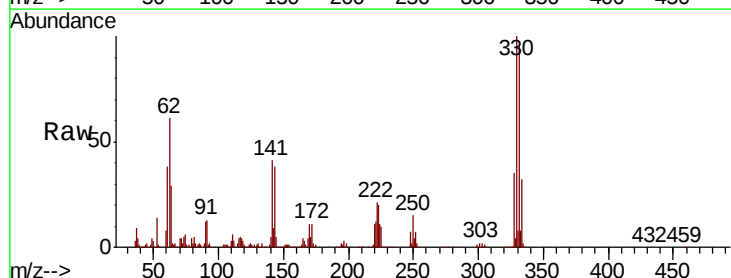
Tgt Ion:330 Resp: 434509

Ion Ratio Lower Upper

330 100

332 95.4 77.5 116.3

141 40.5 31.7 47.5

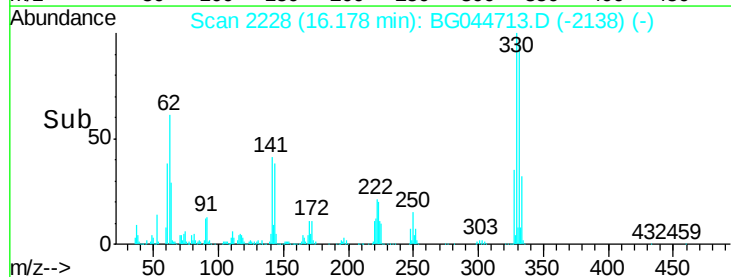
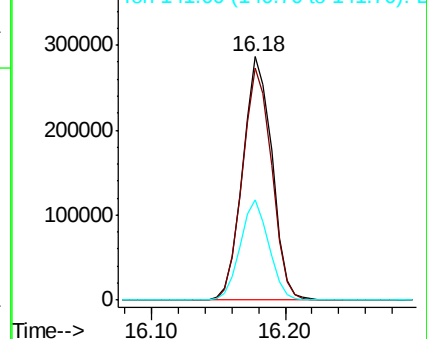


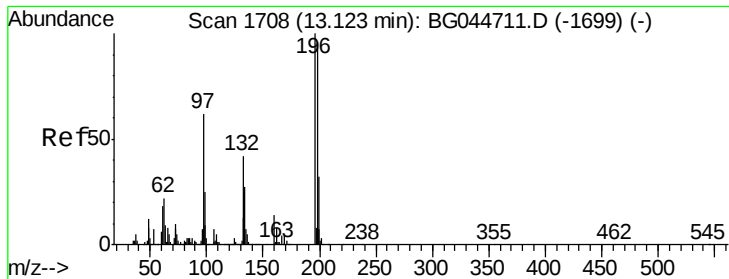
Abundance

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

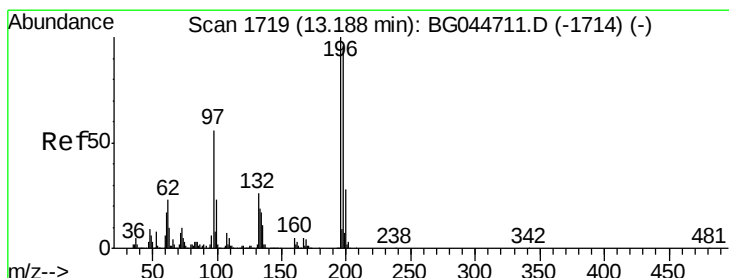
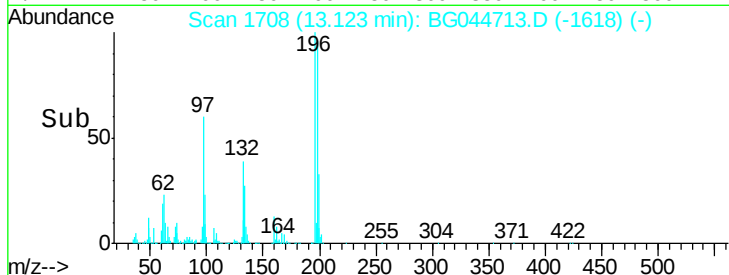
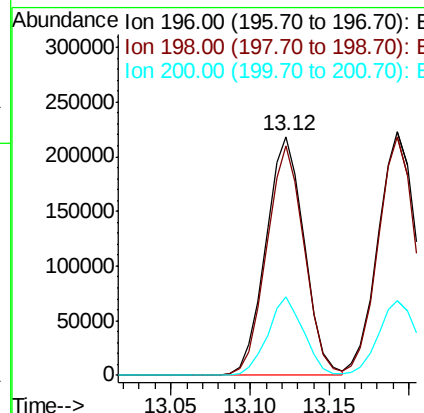
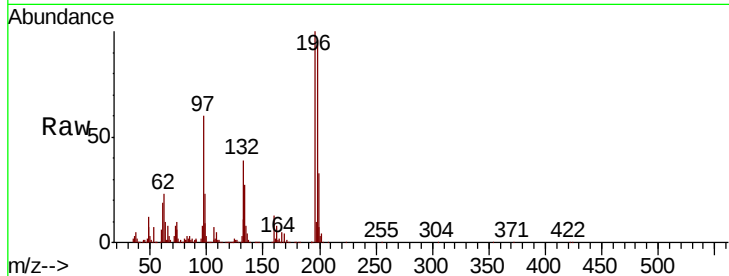




#43
 2,4,6-Trichlorophenol
 Concen: 60.460 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

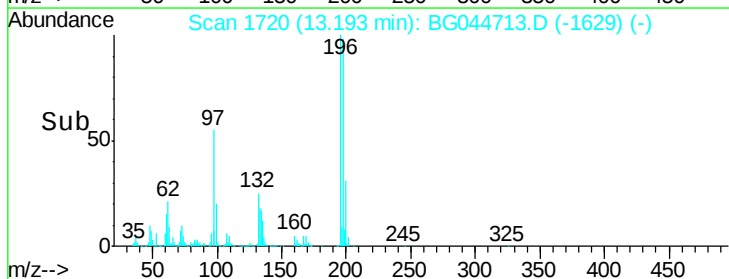
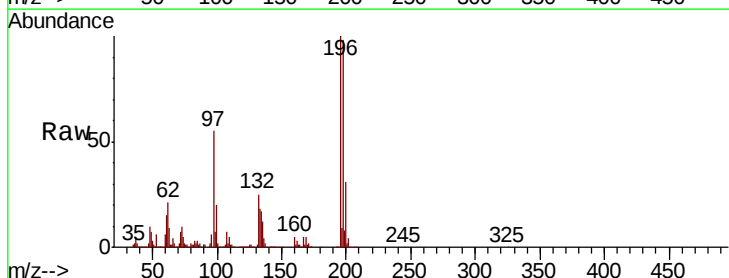
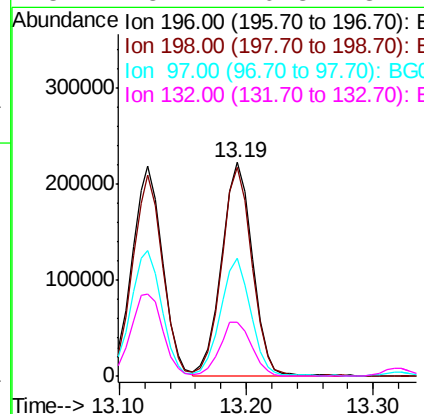
Instrument :
 BNA_G
 ClientSampleId :

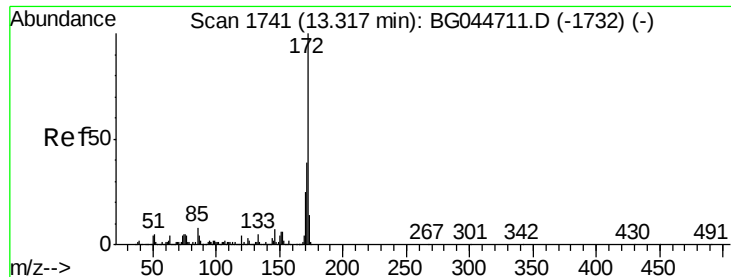
Tot Ion	196	Resp	367305
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.5	114.7
200	32.6	25.9	38.9



#44
 2,4,5-Trichlorophenol
 Concen: 60.004 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

Tgt Ion	196	Resp	373851
Ion Ratio	Lower	Upper	
196	100		
198	97.8	77.3	115.9
97	55.1	44.9	67.3
132	25.1	20.8	31.2

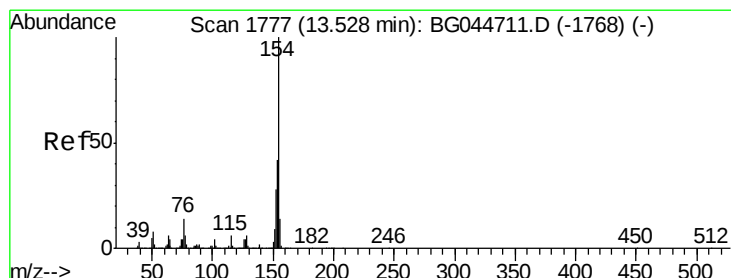
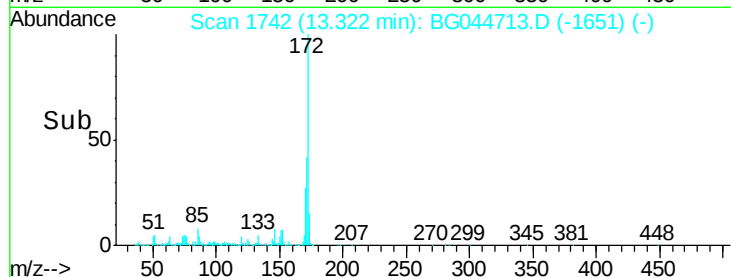
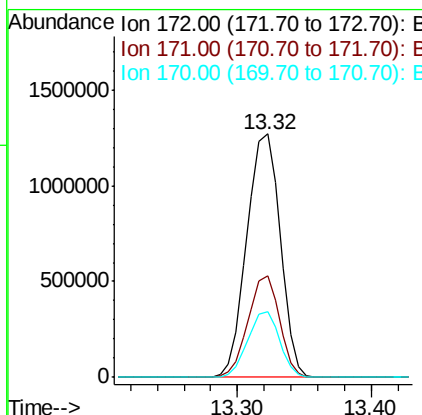
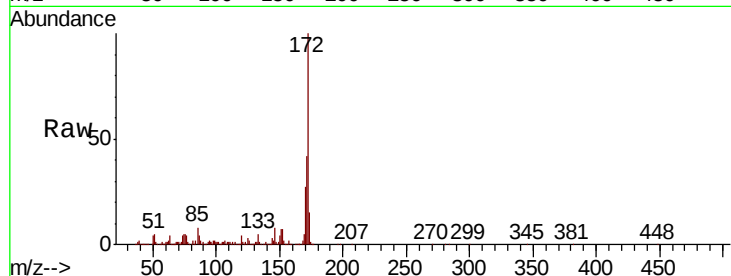




#45
2-Fluorobiphenyl
Concen: 113.319 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

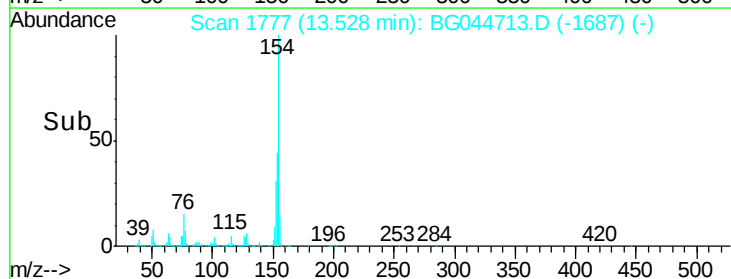
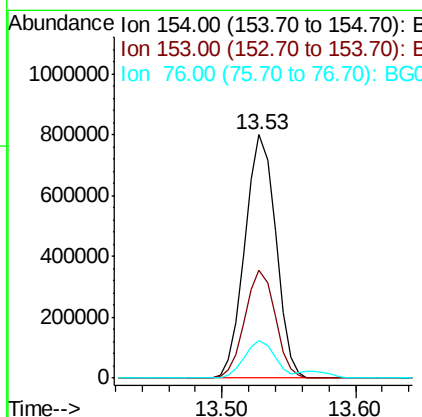
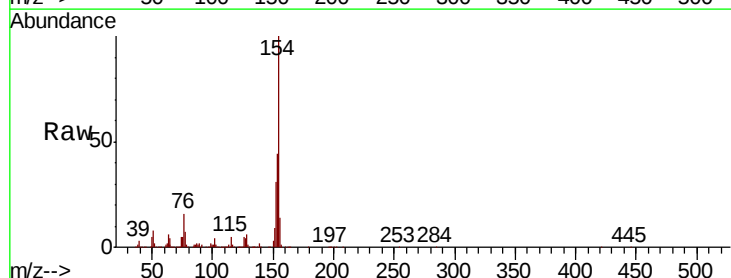
Instrument :
BNA_G
ClientSampleId :

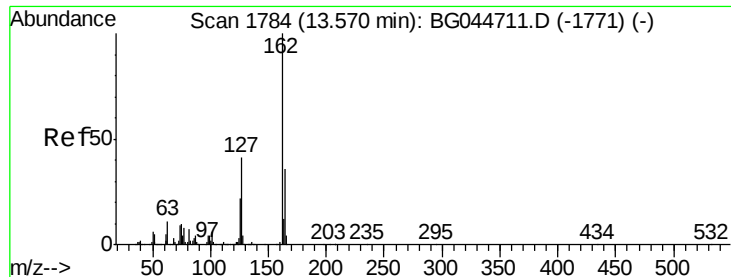
Tot Ion:172 Resp: 2195950
Ion Ratio Lower Upper
172 100
171 41.6 30.8 46.2
170 26.7 20.0 30.0



#46
1,1'-Biphenyl
Concen: 59.493 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion:154 Resp: 1277324
Ion Ratio Lower Upper
154 100
153 44.4 22.0 62.0
76 15.5 0.0 34.2

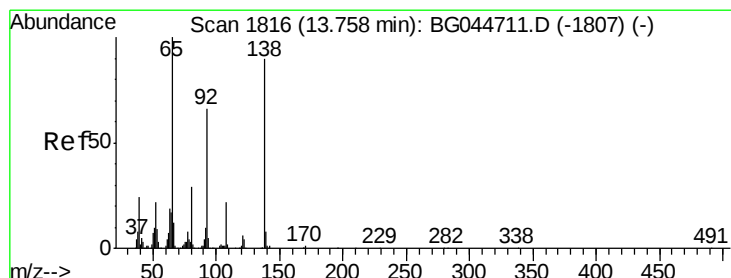
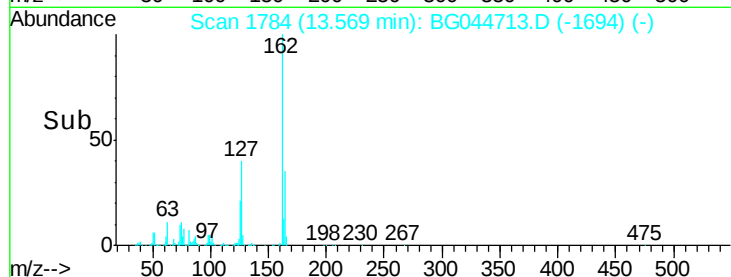
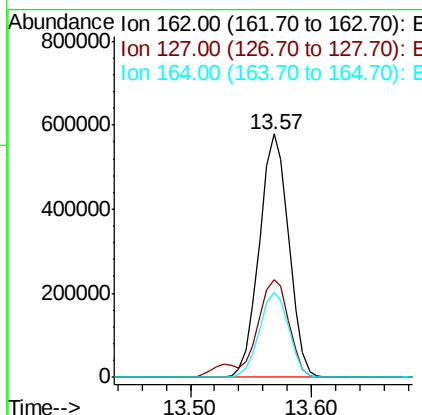
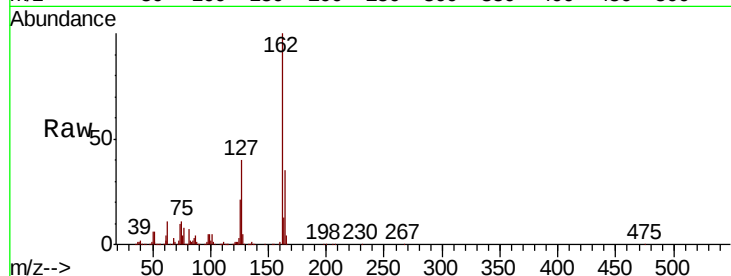




#47
2-Chloronaphthalene
Concen: 59.735 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

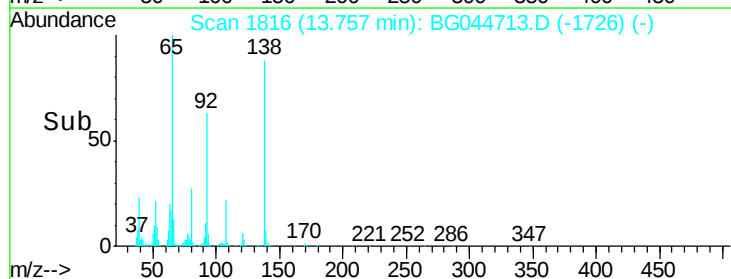
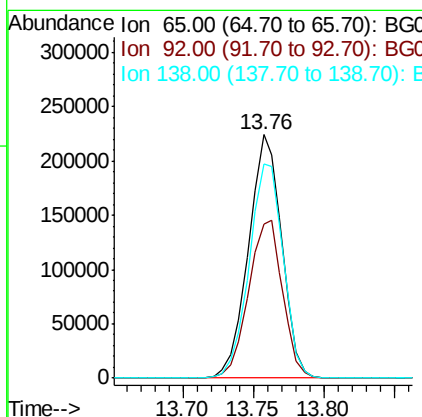
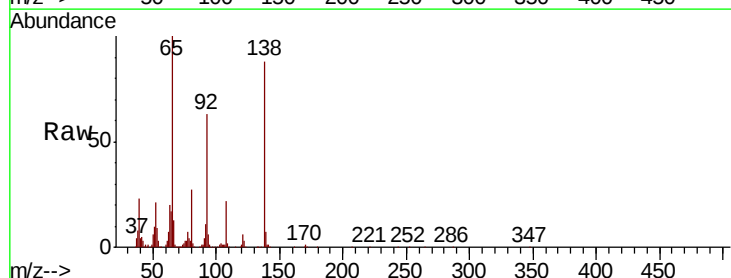
Instrument :
BNA_G
ClientSampleId :

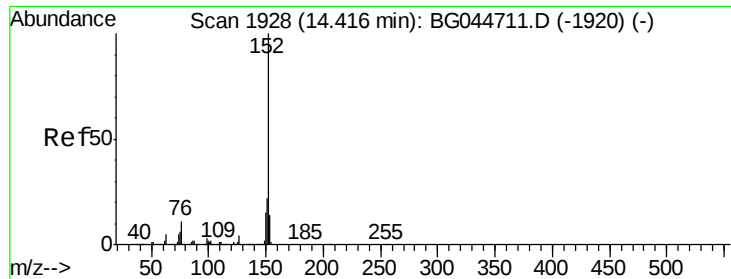
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.6	48.8
164	34.6	29.0	43.4



#48
2-Nitroaniline
Concen: 67.118 ng
RT: 13.76 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.5	52.6	79.0
138	88.0	71.8	107.6





#49

Acenaphthylene

Concen: 57.474 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

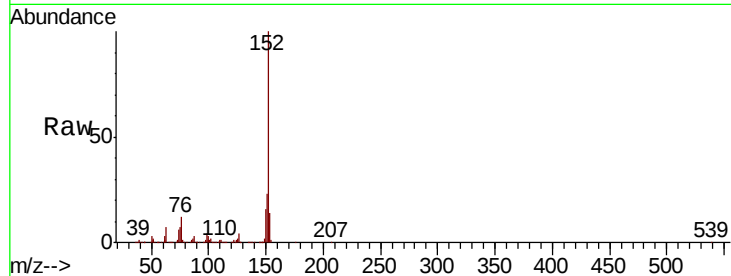
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1508044

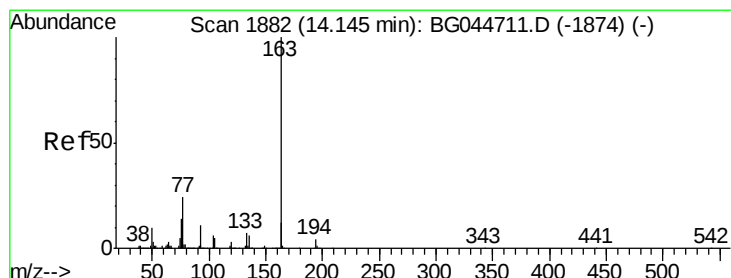
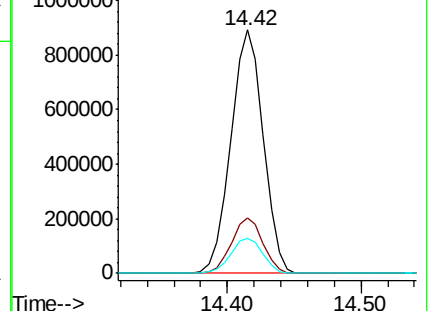
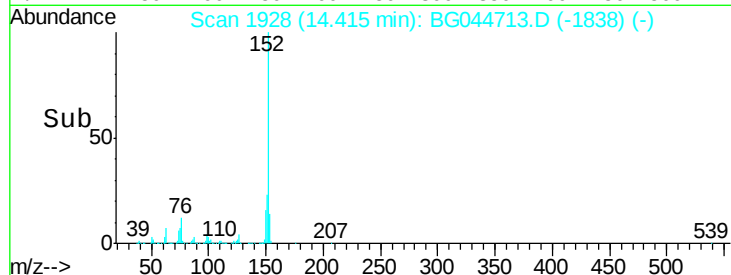
Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.8	26.8
153	14.5	11.4	17.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.418 ng

RT: 14.15 min Scan# 1883

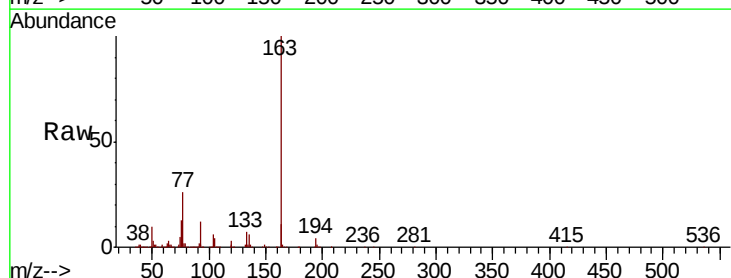
Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Tgt Ion:163 Resp: 1266144

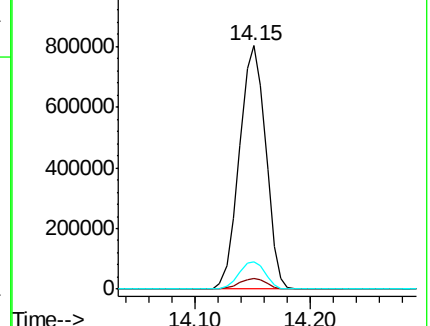
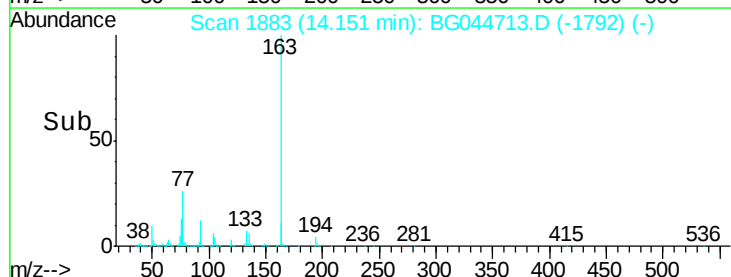
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	11.2	9.2	13.8

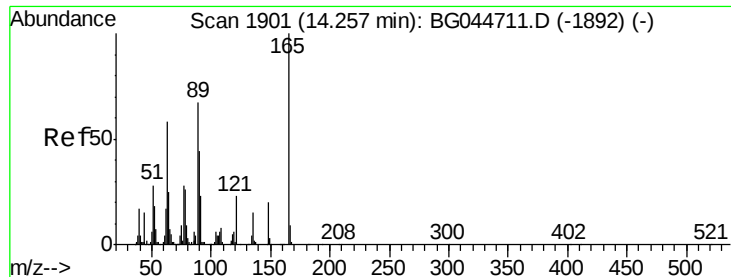


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

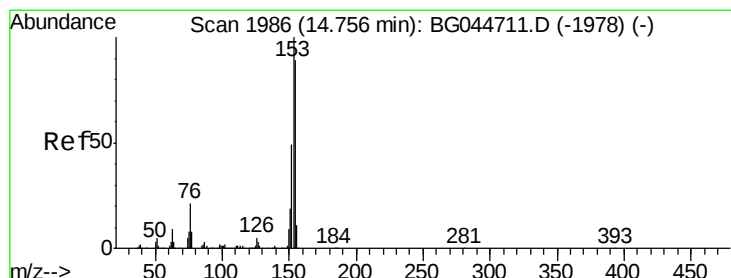
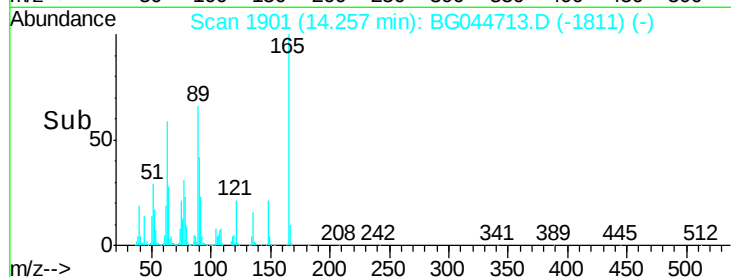
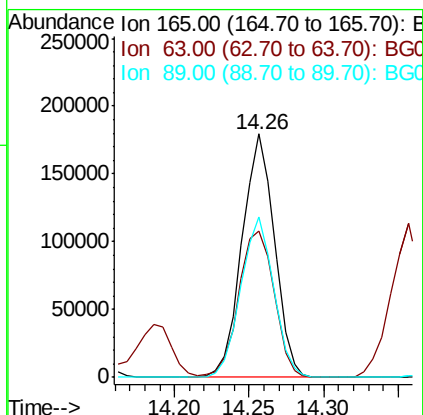
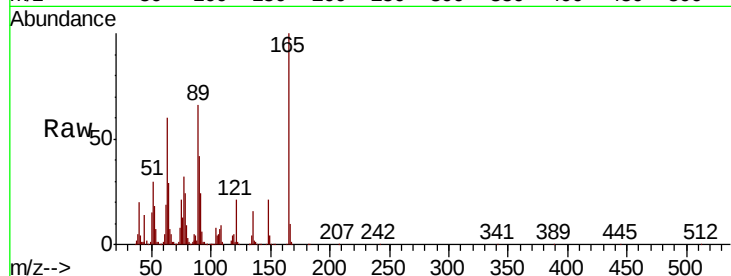




#51
2,6-Dinitrotoluene
Concen: 66.806 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

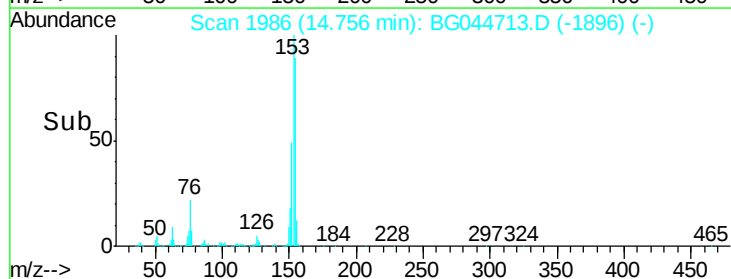
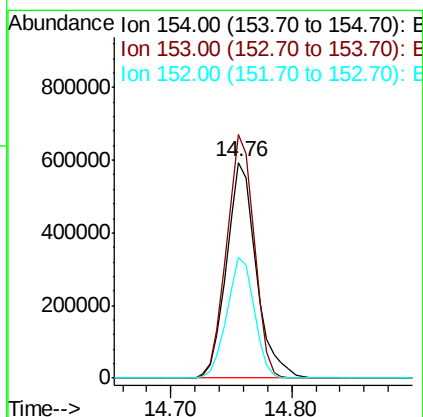
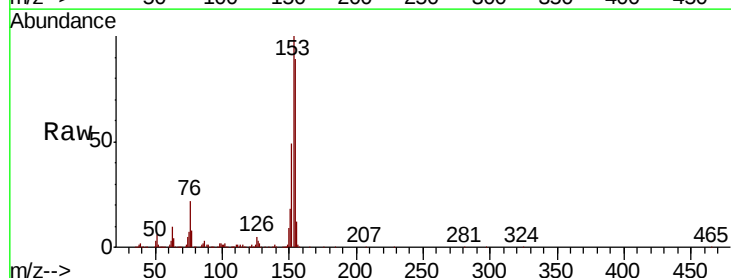
Instrument :
BNA_G
ClientSampleId :

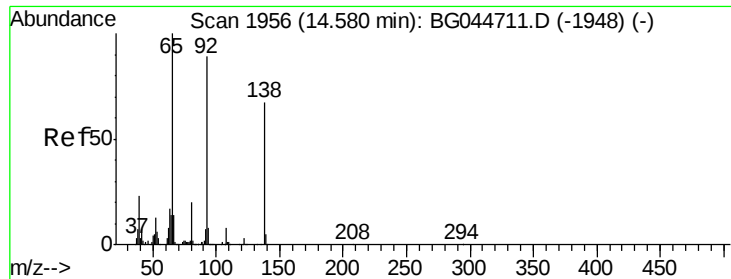
Tot Ion:165 Resp: 269399
Ion Ratio Lower Upper
165 100
63 60.1 48.9 73.3
89 65.8 53.8 80.8



#52
Acenaphthene
Concen: 59.596 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion:154 Resp: 1011096
Ion Ratio Lower Upper
154 100
153 113.0 89.8 134.8
152 55.8 44.4 66.6

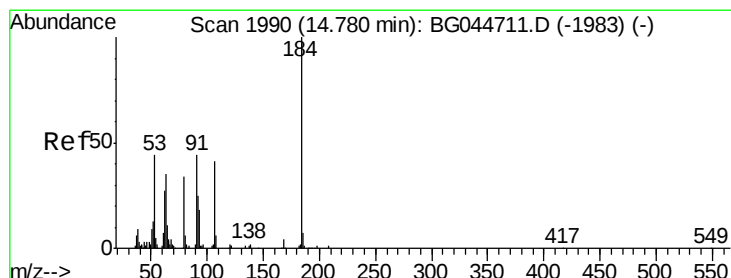
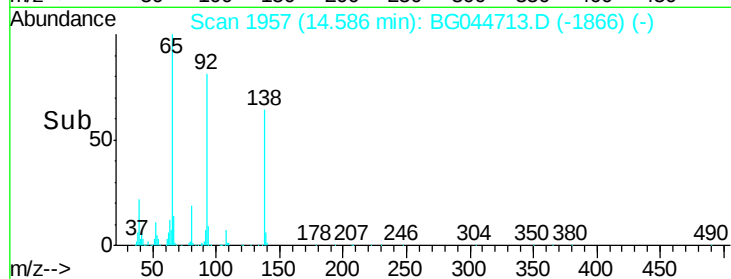
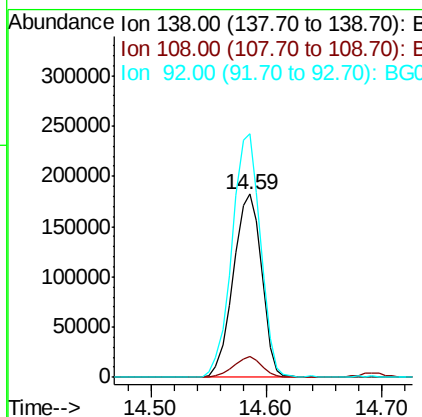
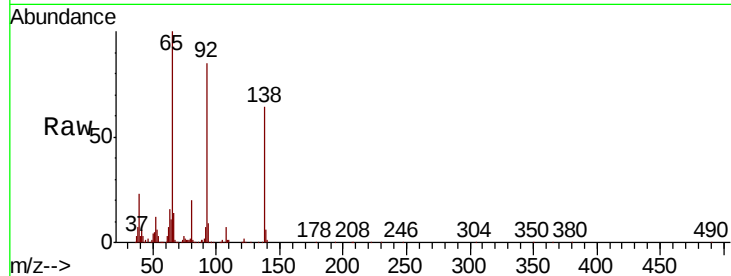




#53
3-Nitroaniline
Concen: 66.750 ng
RT: 14.59 min Scan# 1957
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

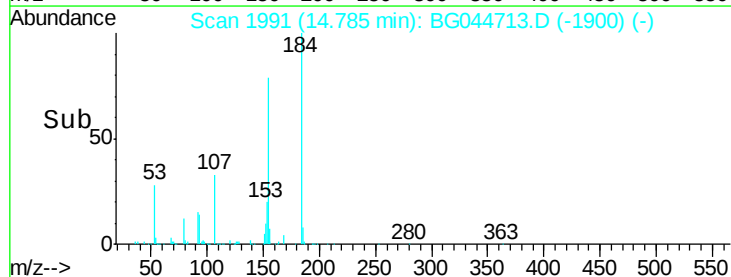
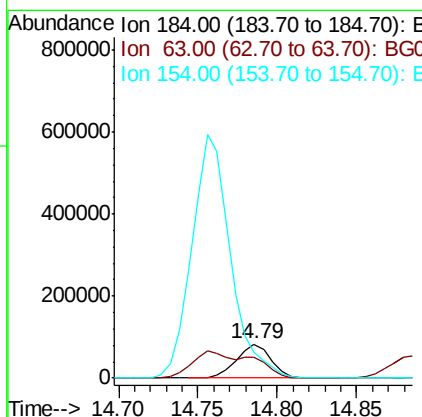
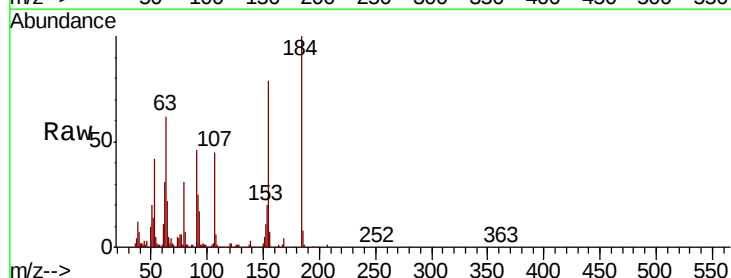
Instrument :
BNA_G
ClientSampleId :

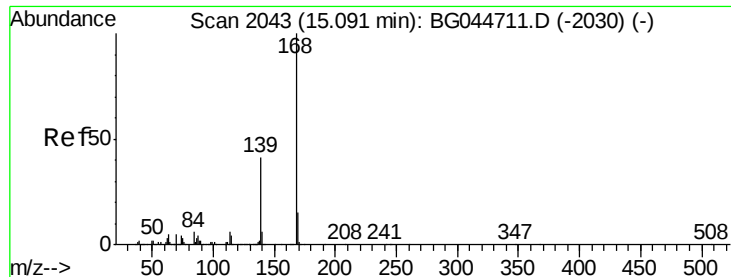
Tot Ion:138 Resp: 310207
Ion Ratio Lower Upper
138 100
108 11.2 9.2 13.8
92 133.0 105.6 158.4



#54
2,4-Dinitrophenol
Concen: 66.460 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion:184 Resp: 124435
Ion Ratio Lower Upper
184 100
63 62.2 49.0 73.6
154 78.9 94.5 141.7#

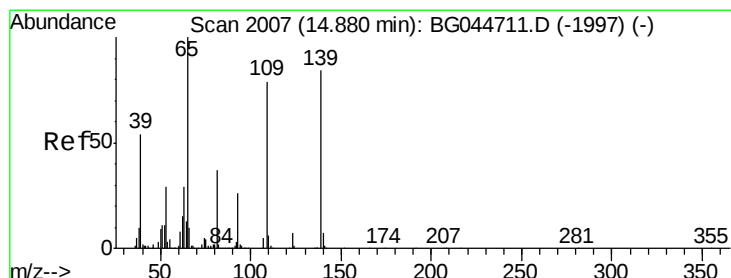
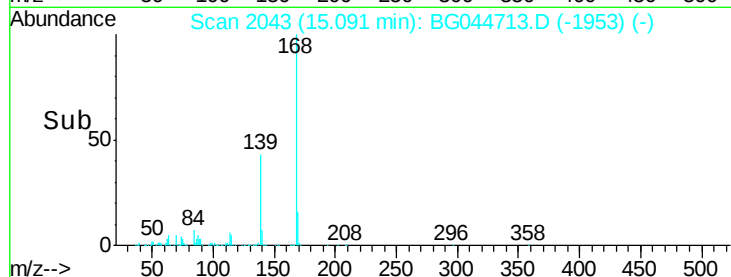
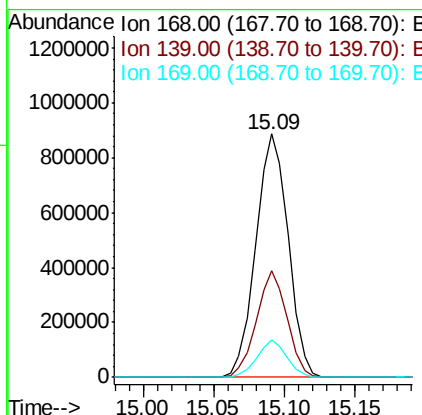
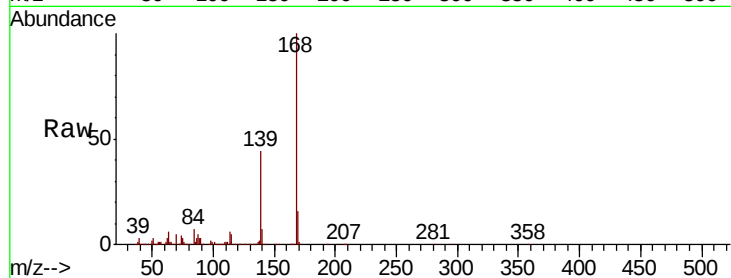




#55
Dibenzofuran
Concen: 56.118 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

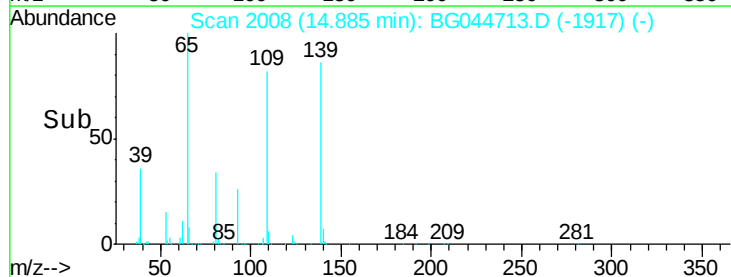
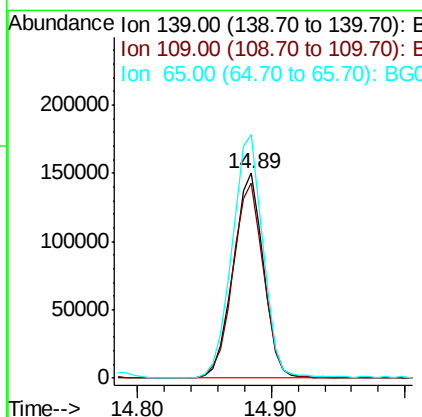
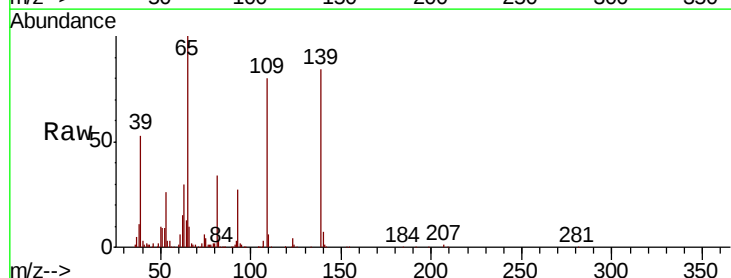
Instrument :
BNA_G
ClientSampleId :

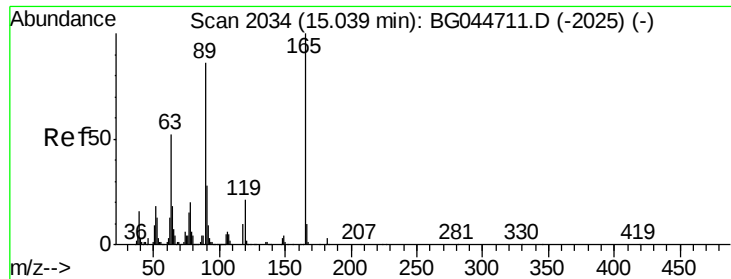
Tot Ion:168 Resp: 1426627
Ion Ratio Lower Upper
168 100
139 43.5 32.6 49.0
169 15.6 11.8 17.6



#56
4-Nitrophenol
Concen: 65.402 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion:139 Resp: 236486
Ion Ratio Lower Upper
139 100
109 95.1 74.1 114.1
65 118.7 98.6 138.6

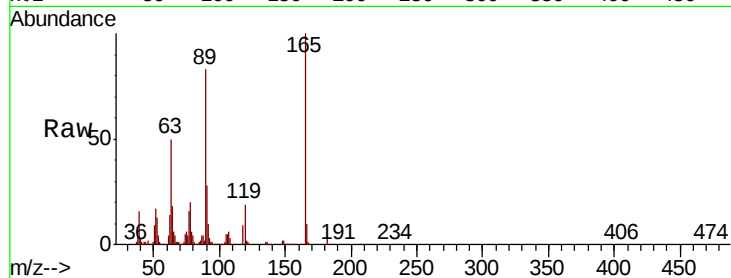




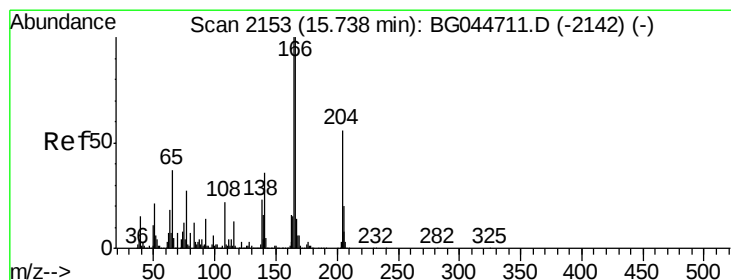
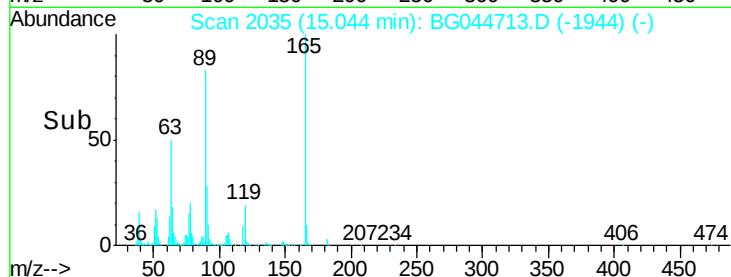
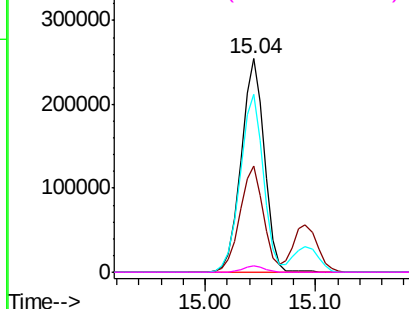
#57
2,4-Dinitrotoluene
Concen: 69.443 ng
RT: 15.04 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 374175
Ion Ratio Lower Upper
165 100
63 49.8 41.5 62.3
89 83.1 69.0 103.4
182 2.9 2.7 4.1

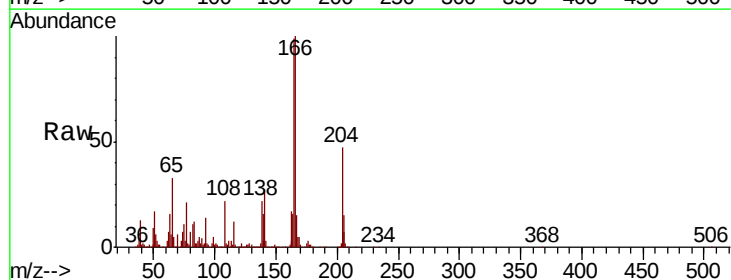


Abundance Ion 165.00 (164.70 to 165.70): E
400000
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

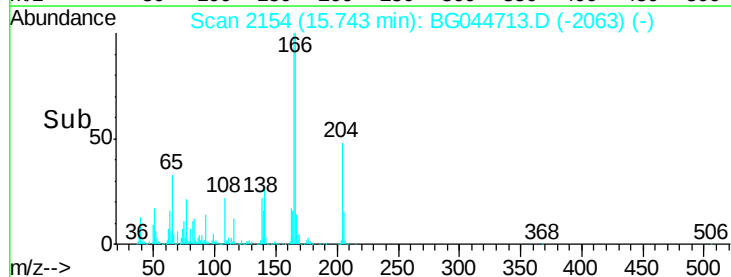
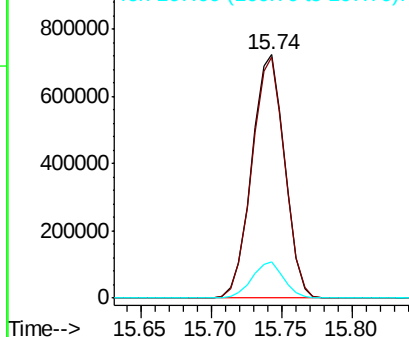


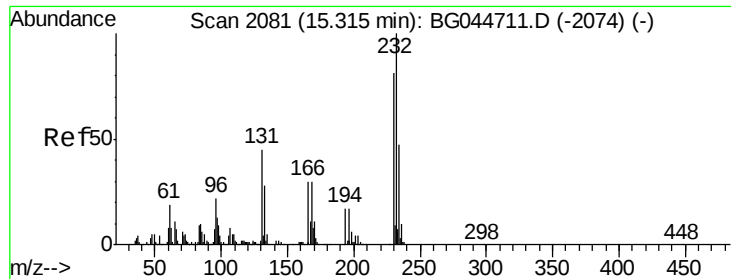
#58
Fluorene
Concen: 56.385 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion:166 Resp: 1185577
Ion Ratio Lower Upper
166 100
165 99.2 79.6 119.4
167 14.6 11.4 17.2



Abundance Ion 166.00 (165.70 to 166.70): E
1000000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

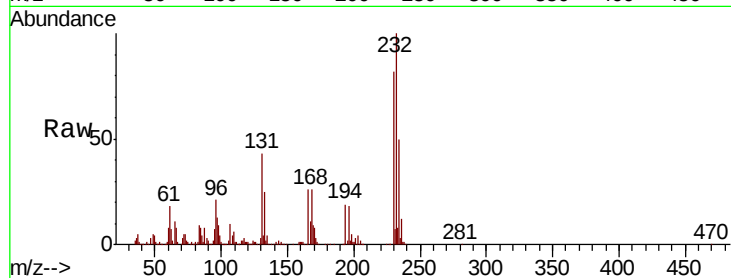




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 59.500 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.08 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	352822
Ion Ratio	Lower	Upper
232	100	
131	40.9	32.4 48.6
130	2.7	2.0 3.0
166	25.5	20.5 30.7

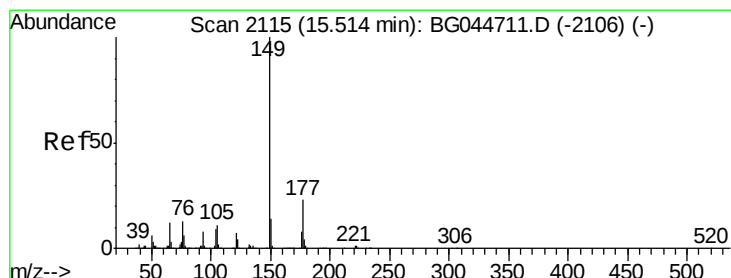
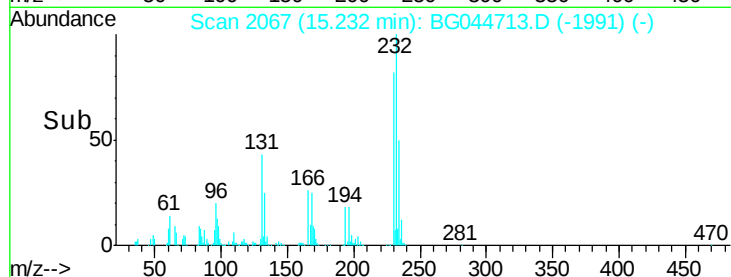
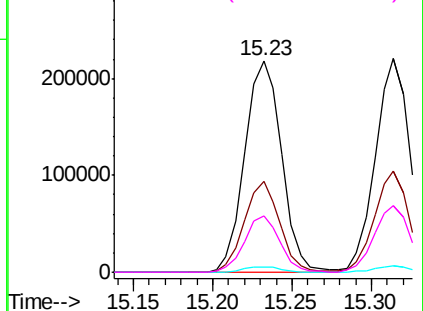


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

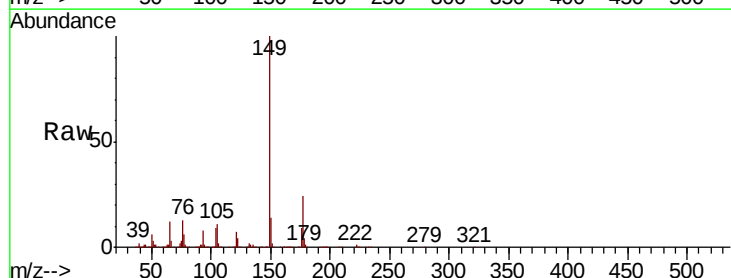
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 55.004 ng
 RT: 15.52 min Scan# 2116
 Delta R.T. 0.01 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

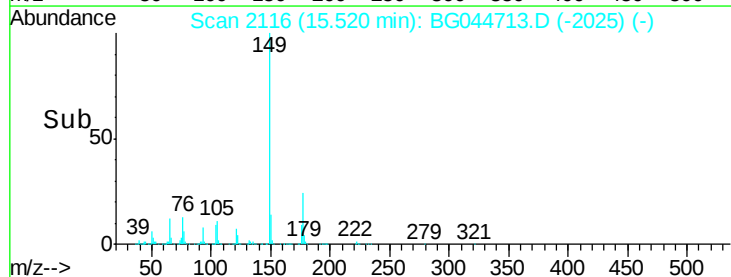
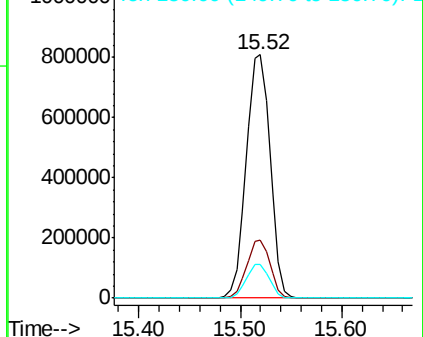
Tgt Ion:149	Resp:	1319727
Ion Ratio	Lower	Upper
149	100	
177	23.9	18.8 28.2
150	13.9	11.2 16.8

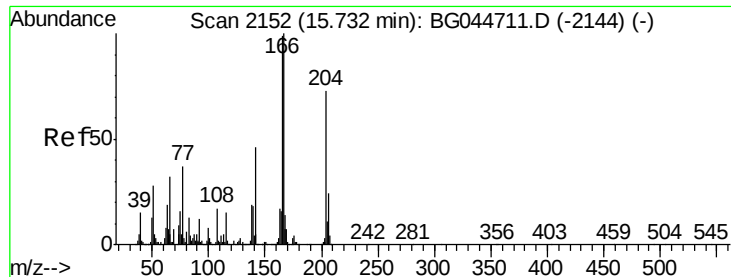


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

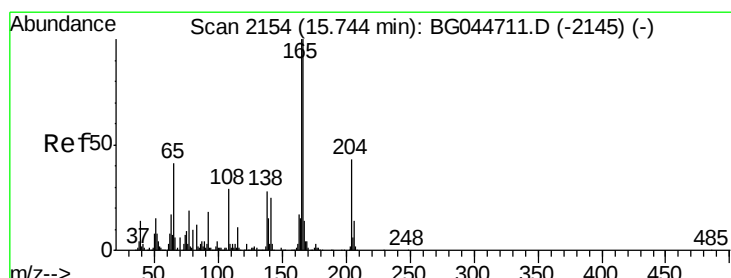
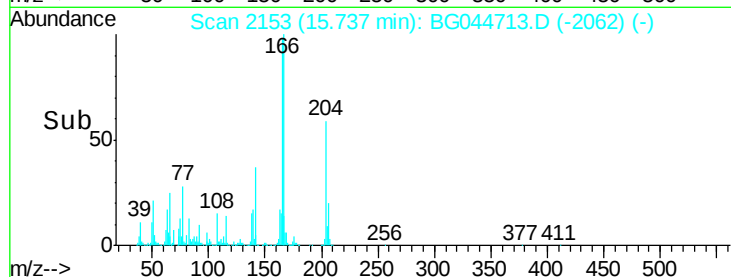
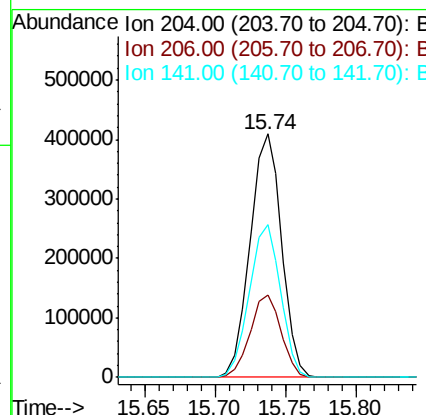
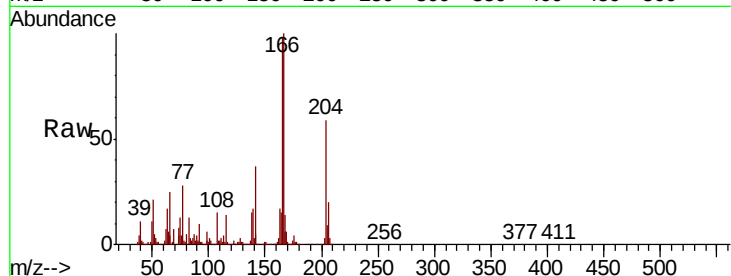




#61
4-Chlorophenyl-phenylether
Concen: 56.176 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

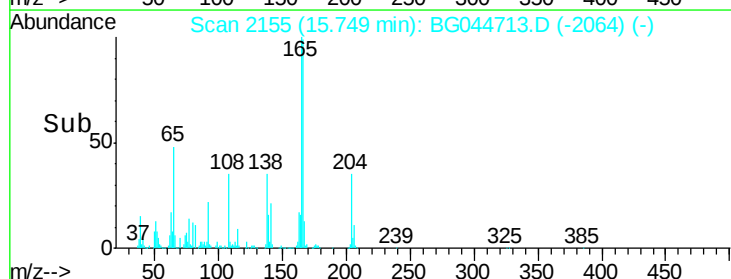
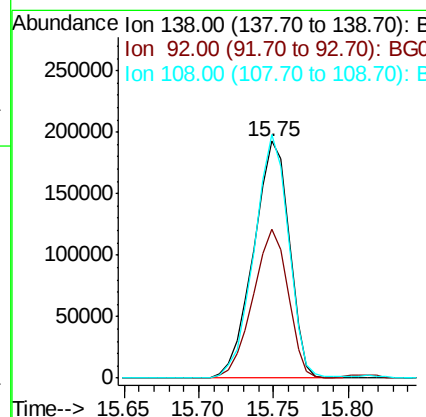
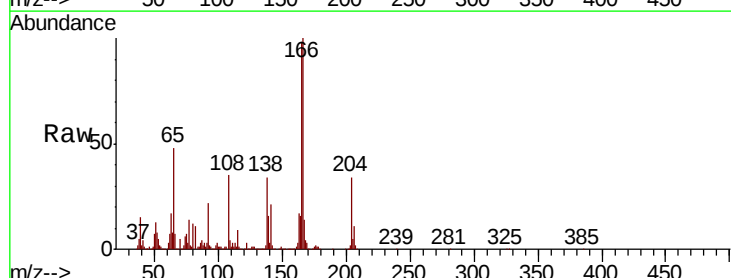
Instrument :
BNA_G
ClientSampled :

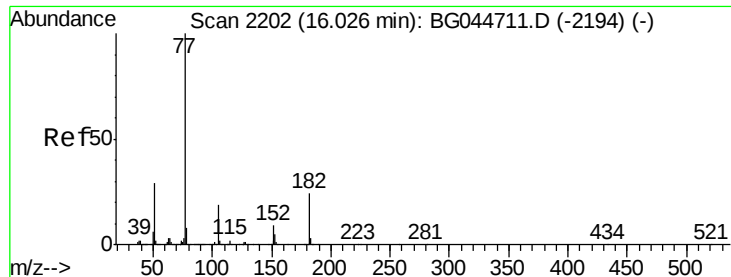
Tot Ion:204 Resp: 640930
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.6
141 62.6 50.8 76.2



#62
4-Nitroaniline
Concen: 62.338 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion:138 Resp: 319089
Ion Ratio Lower Upper
138 100
92 62.8 42.1 82.1
108 102.8 81.2 121.2





#63

Azobenzene

Concen: 53.850 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1352123

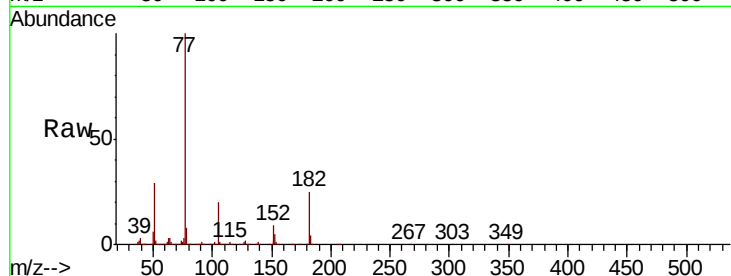
Ion	Ratio	Lower	Upper
77	100		
182	25.4	3.6	43.6
105	19.8	0.0	39.3
51	29.4	8.7	48.7

77 100

182 25.4 3.6 43.6

105 19.8 0.0 39.3

51 29.4 8.7 48.7

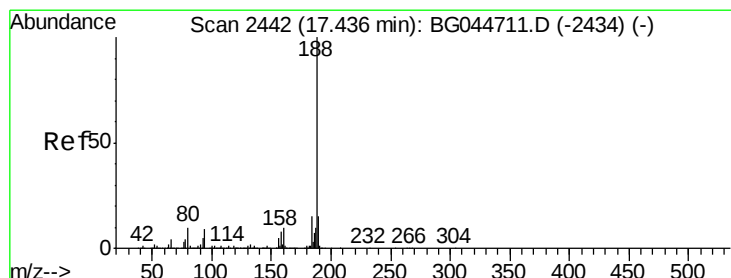
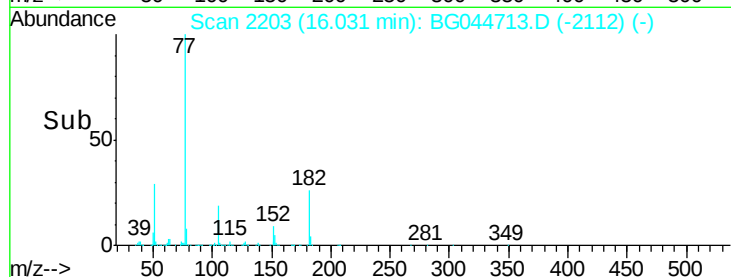
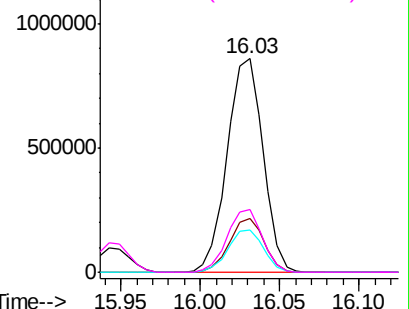


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2442

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

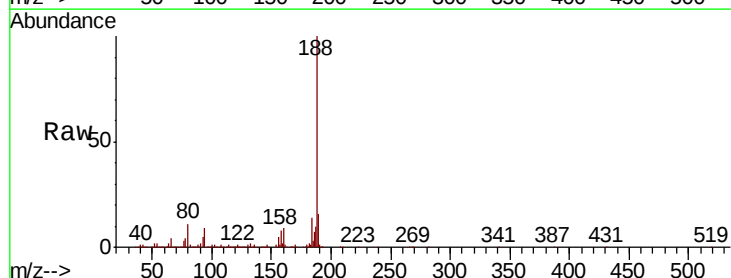
Tgt Ion: 188 Resp: 586515

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.6
80	11.2	8.4	12.6

188 100

94 8.7 7.0 10.6

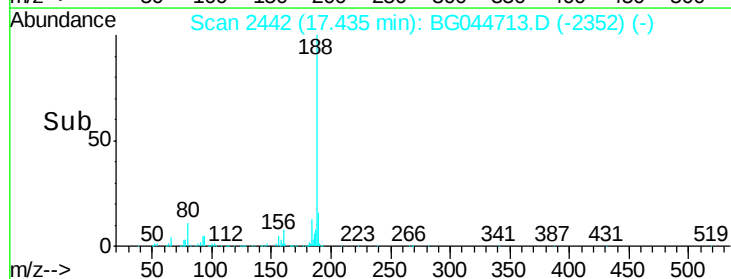
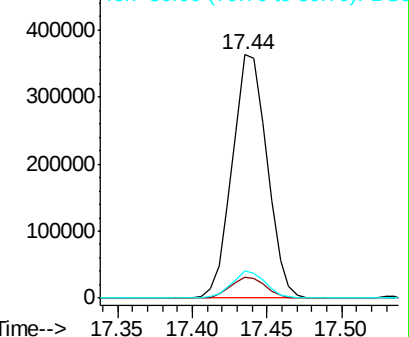
80 11.2 8.4 12.6

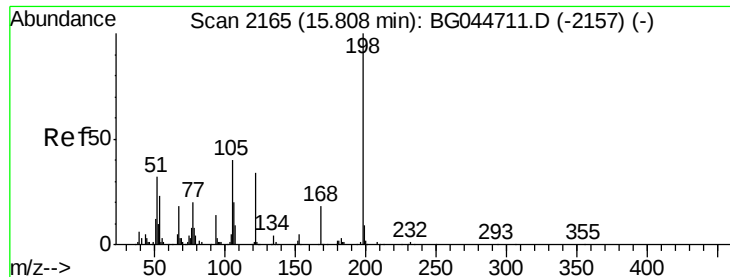


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 71.109 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

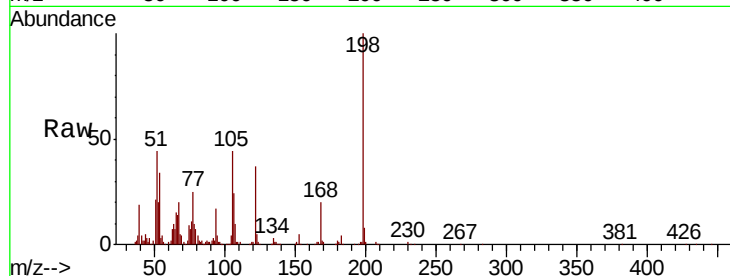
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 170386

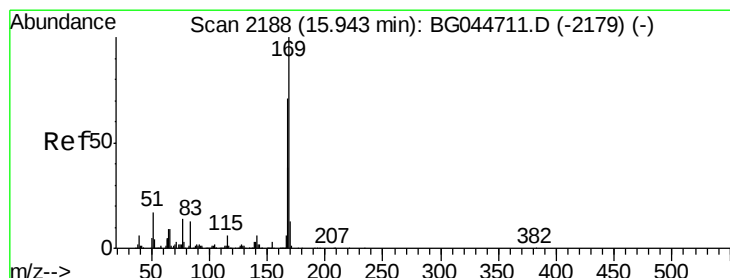
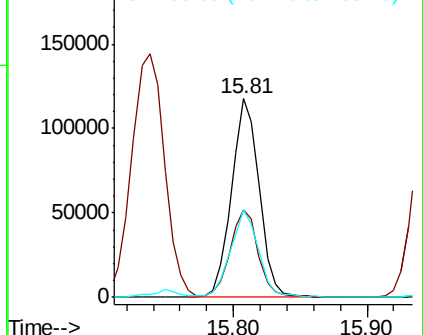
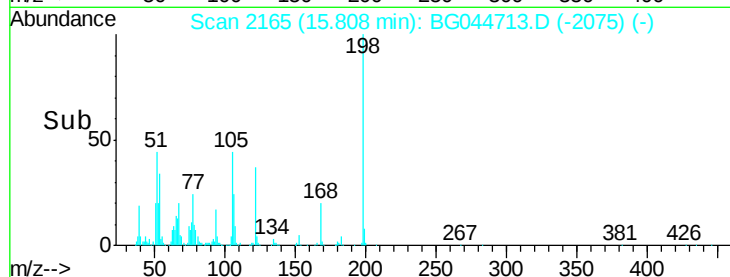
Ion	Ratio	Lower	Upper
198	100		
51	44.4	20.1	60.1
105	44.2	21.3	61.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 59.030 ng

RT: 15.95 min Scan# 2189

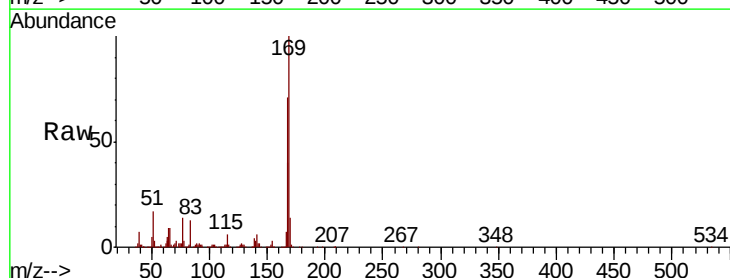
Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Tgt Ion:169 Resp: 1058562

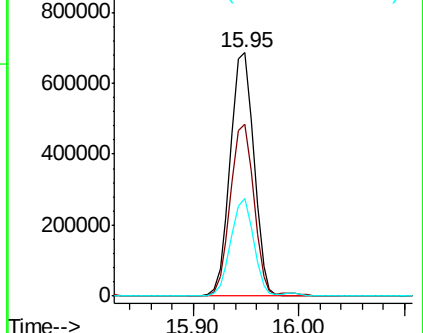
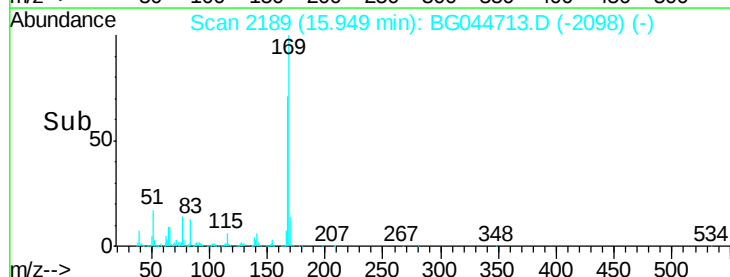
Ion	Ratio	Lower	Upper
169	100		
168	70.7	56.6	85.0
167	40.0	30.1	45.1

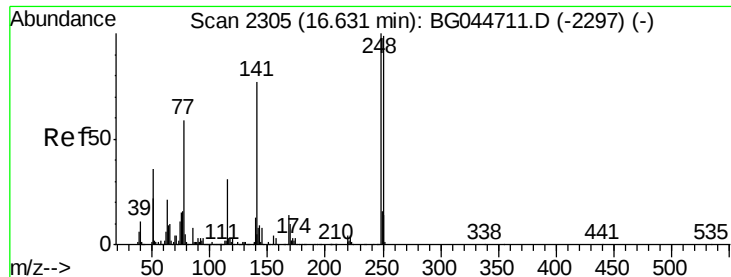


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

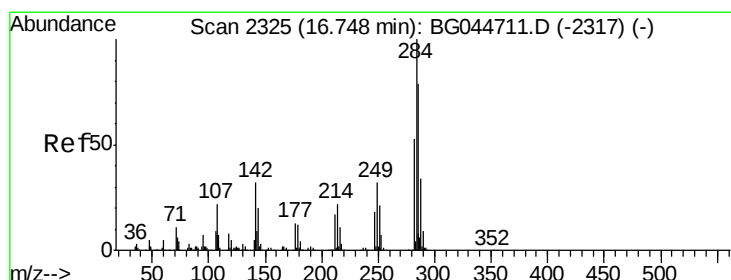
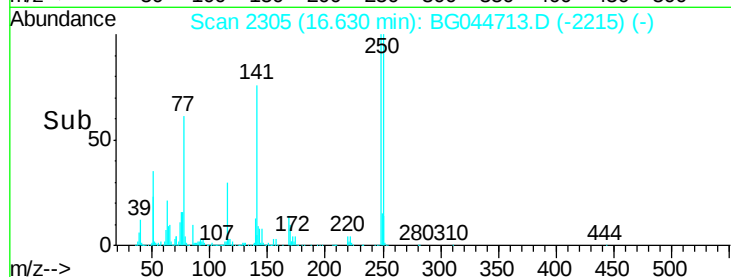
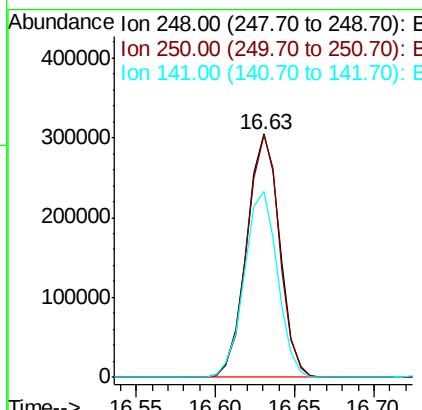
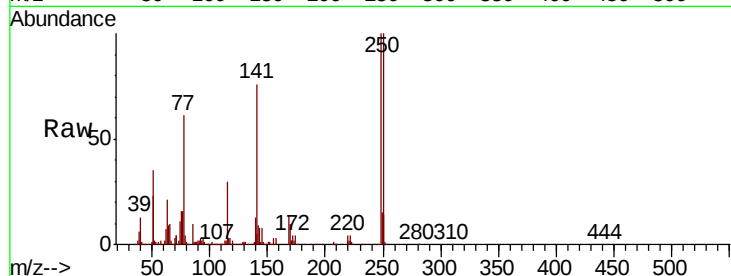




#67
4-Bromophenyl-phenylether
Concen: 59.524 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

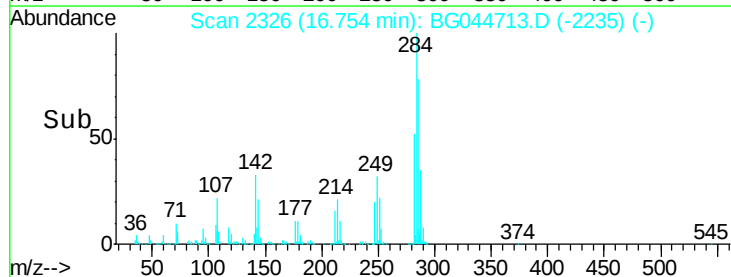
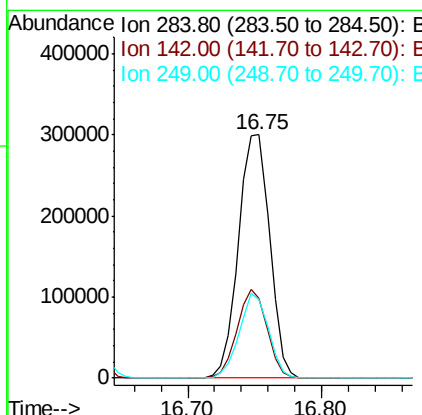
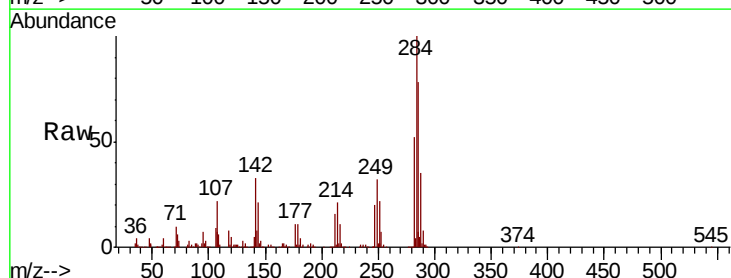
Instrument :
BNA_G
ClientSampleId :

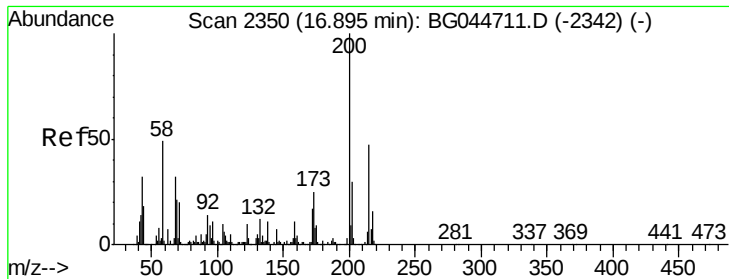
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	79.4	119.0
141	76.4	61.7	92.5



#68
Hexachlorobenzene
Concen: 60.851 ng
RT: 16.75 min Scan# 2326
Delta R.T. 0.01 min
Lab File: BG044713.D
Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	25.6	38.4
249	32.4	25.8	38.6

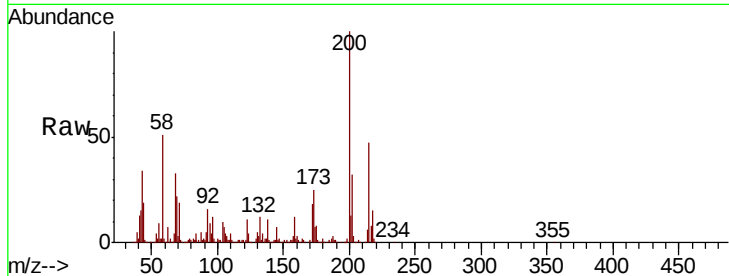




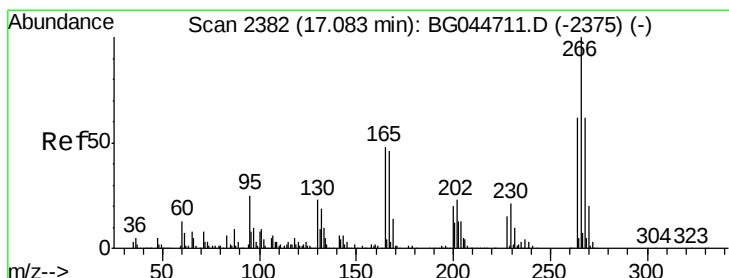
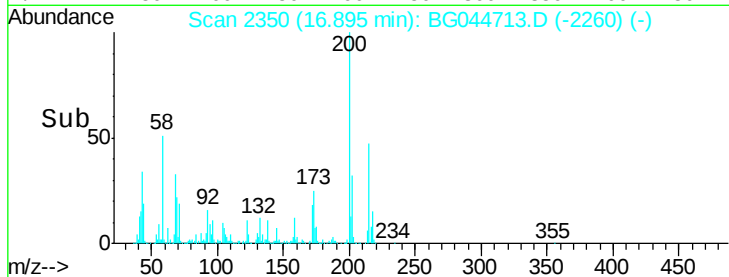
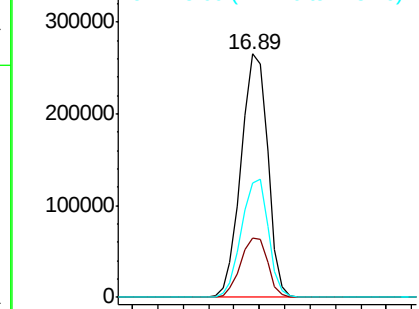
#69
 Atrazine
 Concen: 55.739 ng
 RT: 16.89 min Scan# 2350
 Delta R.T. -0.00 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.5	4.8	44.8
215	46.7	27.4	67.4

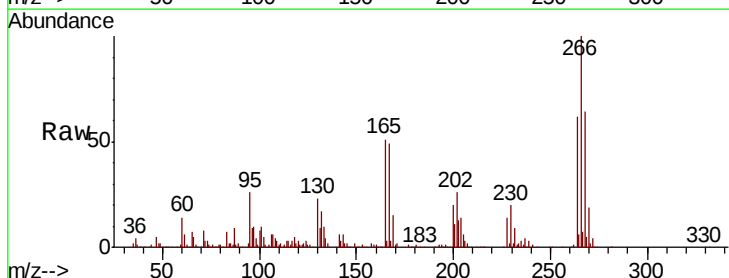


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

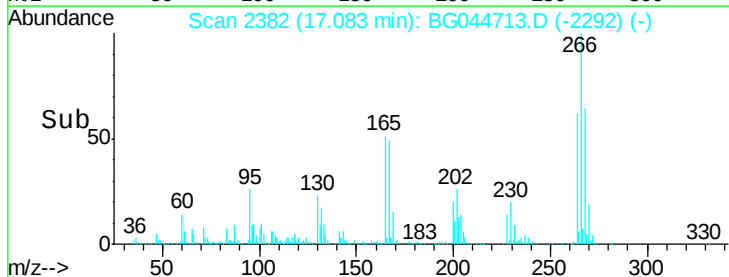
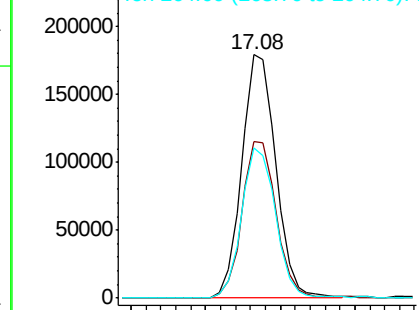


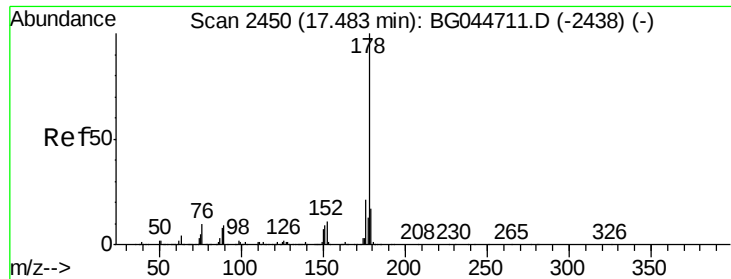
#70
 Pentachlorophenol
 Concen: 62.430 ng
 RT: 17.08 min Scan# 2382
 Delta R.T. -0.00 min
 Lab File: BG044713.D
 Acq: 10 Mar 2020 13:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	49.9	74.9
264	61.7	49.9	74.9



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: 58.398 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

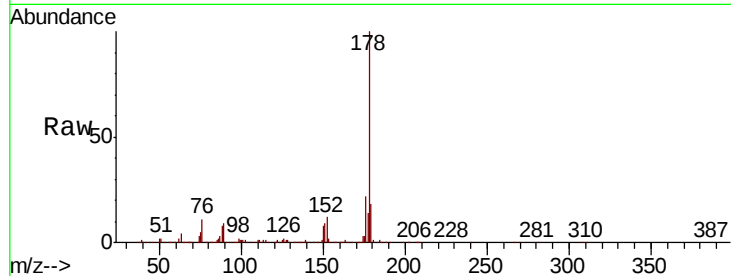
Tot Ion:178 Resp: 1878101

Ion Ratio Lower Upper

178 100

176 22.3 17.0 25.6

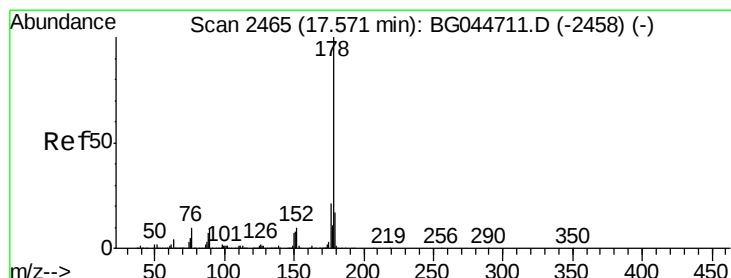
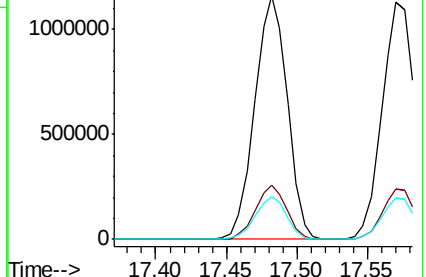
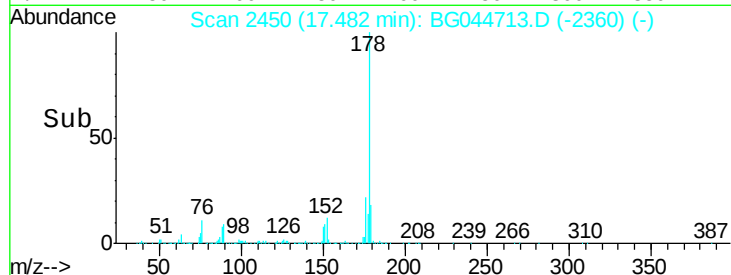
179 17.7 13.7 20.5



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: 57.951 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

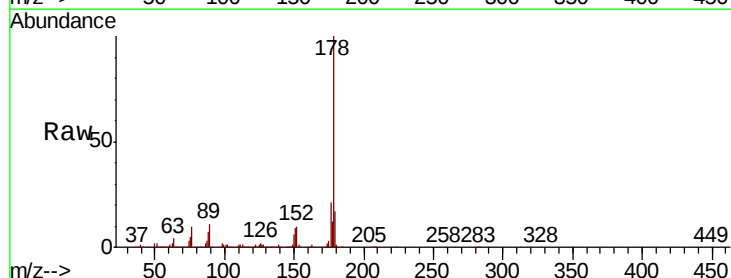
Tgt Ion:178 Resp: 1835650

Ion Ratio Lower Upper

178 100

176 21.4 17.0 25.6

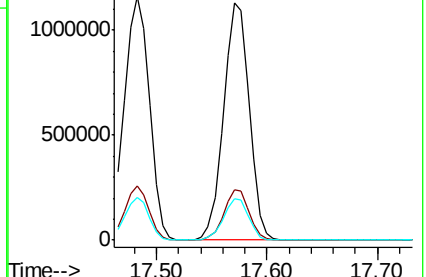
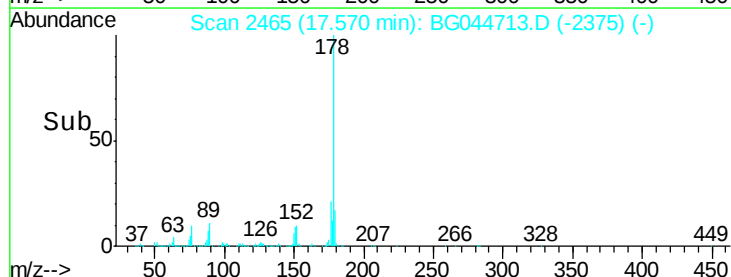
179 17.2 13.8 20.8

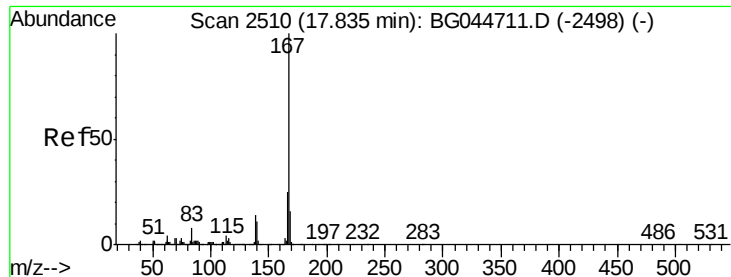


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 58.541 ng

RT: 17.83 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

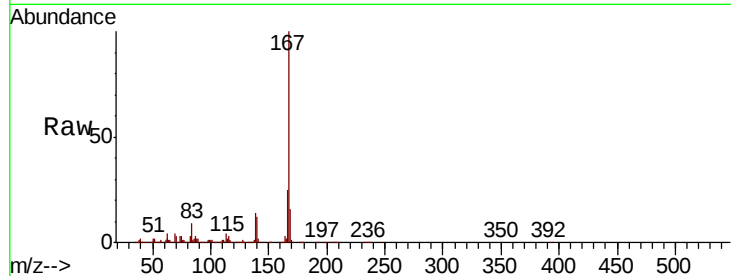
Tot Ion:167 Resp: 1775864

Ion Ratio Lower Upper

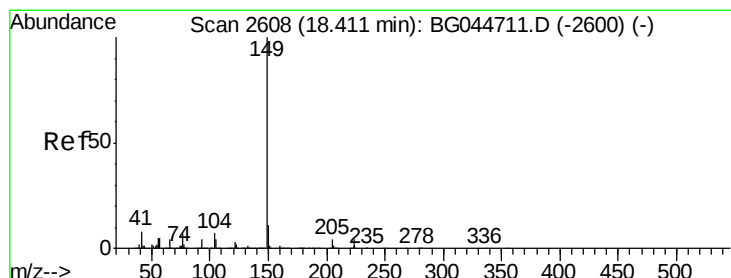
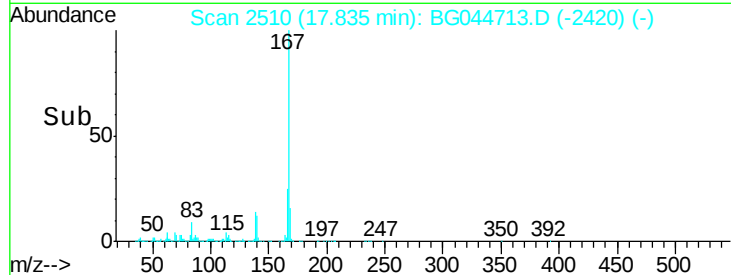
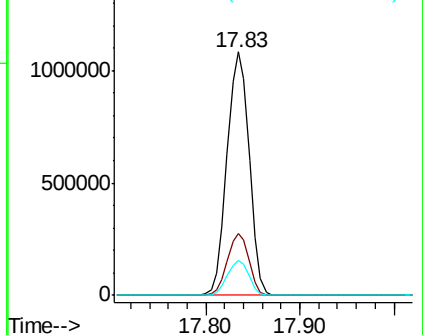
167 100

166 25.4 19.6 29.4

139 14.4 11.4 17.2



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



#74

Di-n-butylphthalate

Concen: 55.991 ng

RT: 18.41 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

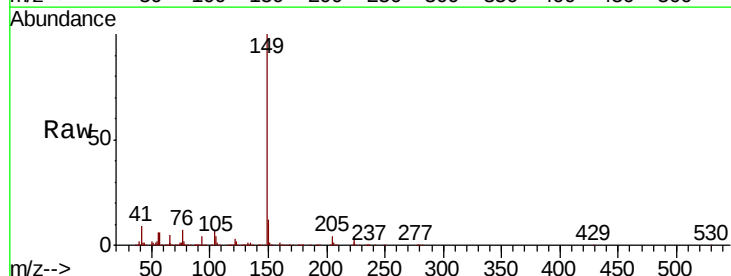
Tgt Ion:149 Resp: 2139167

Ion Ratio Lower Upper

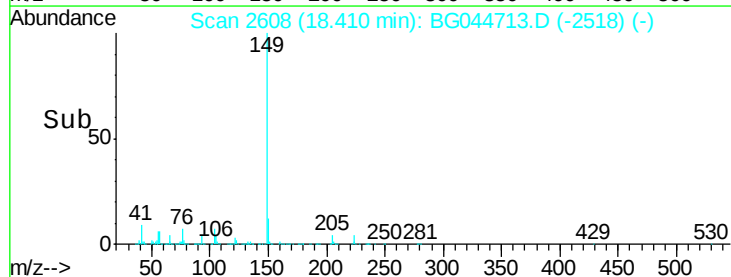
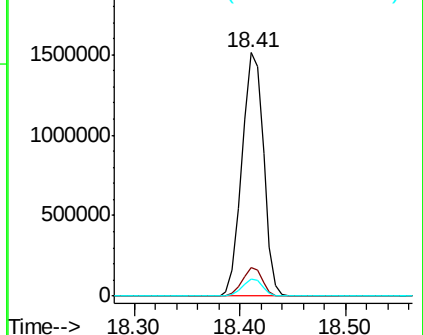
149 100

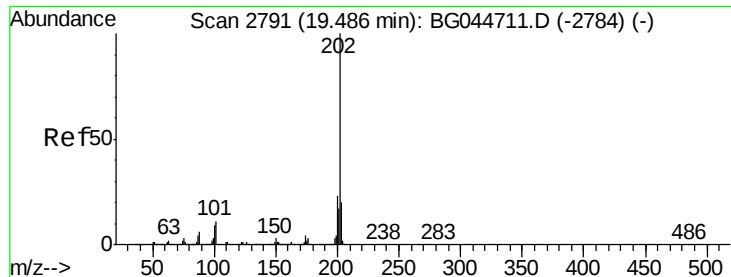
150 11.6 8.4 12.6

104 7.1 5.6 8.4



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





#75

Fluoranthene

Concen: 56.622 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

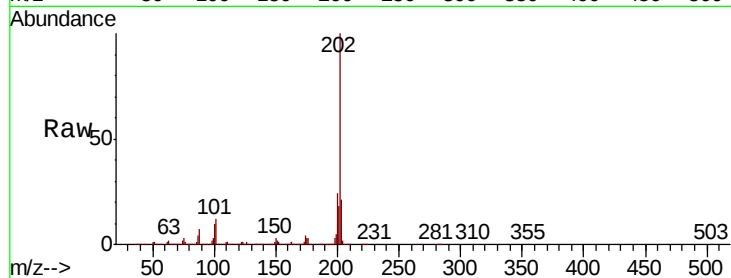
Tot Ion:202 Resp: 2200784

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.3

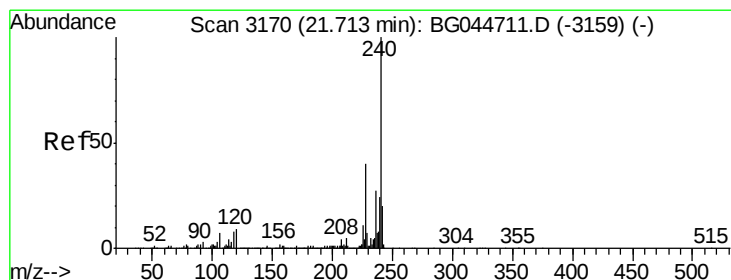
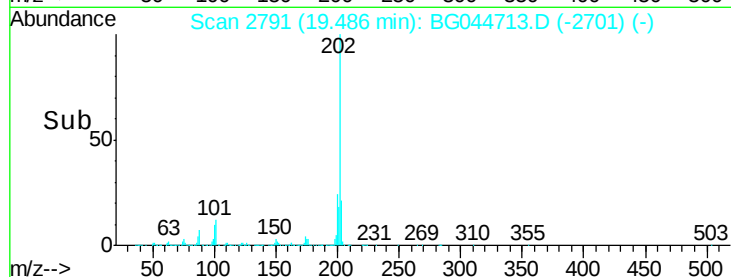
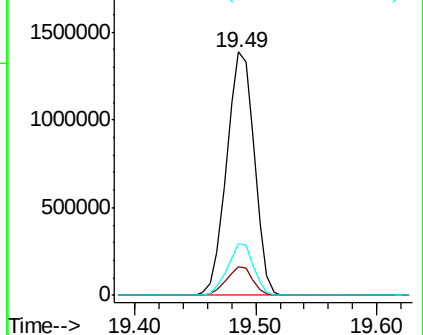
203 21.1 0.4 40.4



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: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

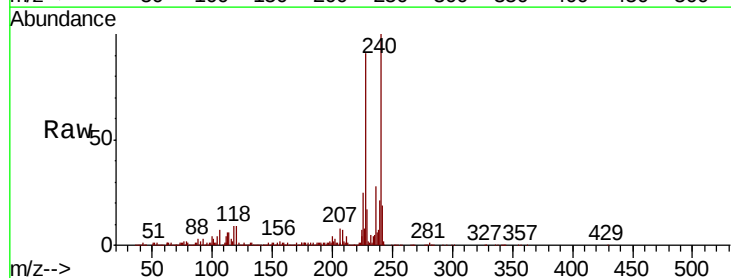
Tgt Ion:240 Resp: 508710

Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

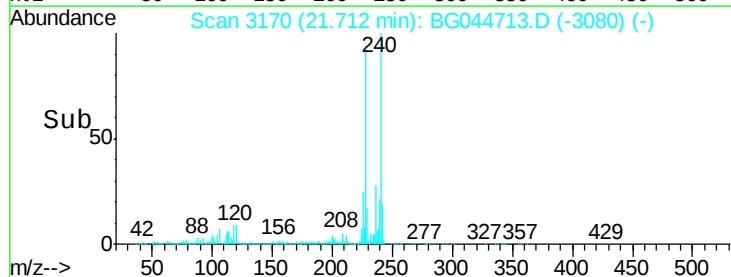
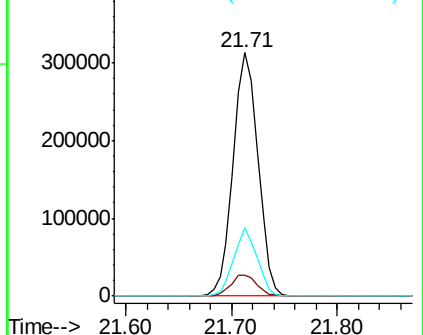
236 27.9 21.9 32.9



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: 46.757 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

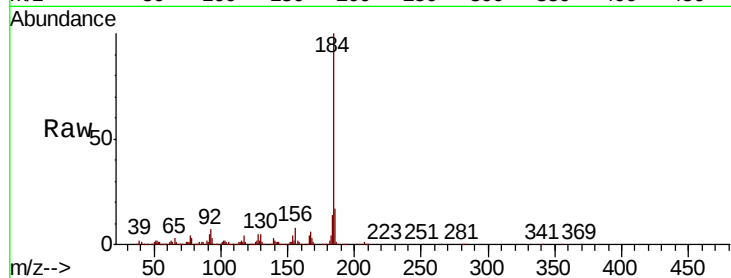
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 949500

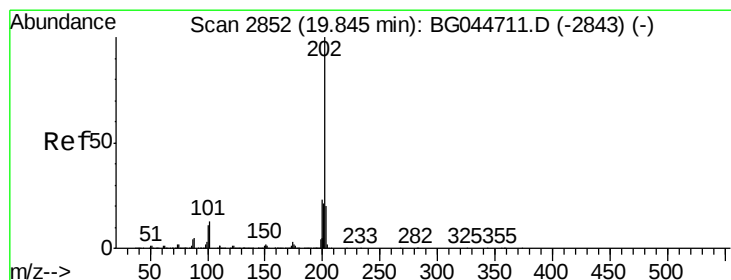
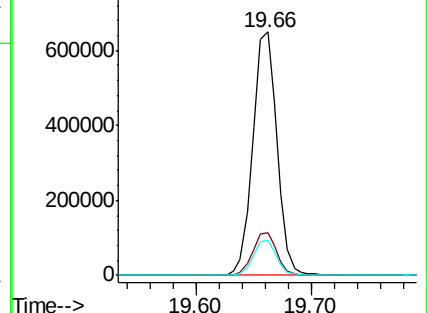
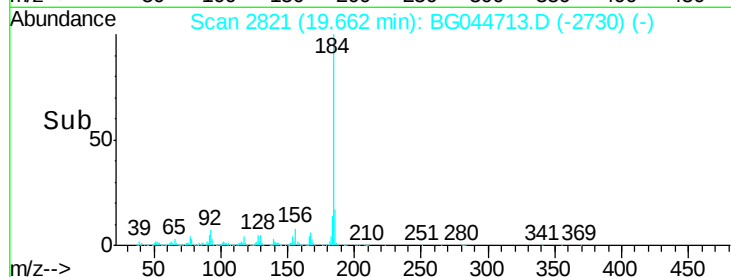
Ion	Ratio	Lower	Upper
184	100		
185	17.5	12.9	19.3
183	14.2	10.6	15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 56.358 ng

RT: 19.85 min Scan# 2853

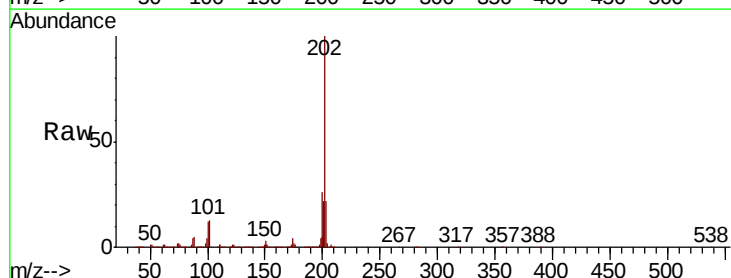
Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Tgt Ion:202 Resp: 2186802

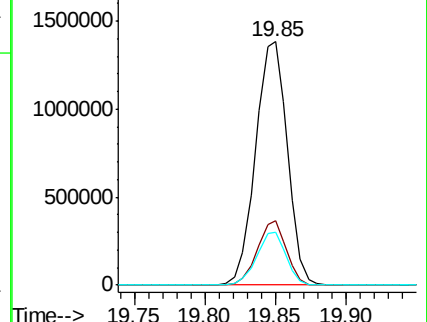
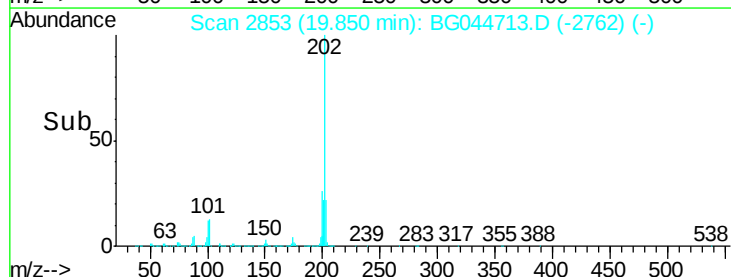
Ion	Ratio	Lower	Upper
202	100		
200	26.3	18.7	28.1
203	21.7	16.0	24.0

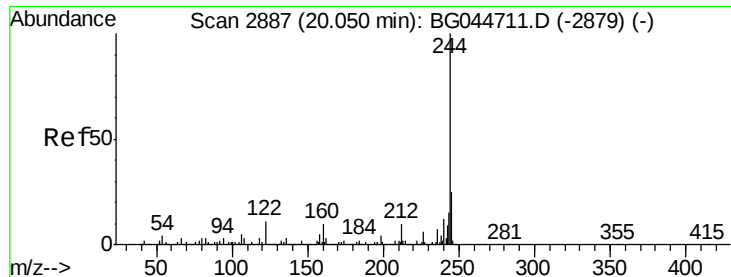


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 104.971 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampled :

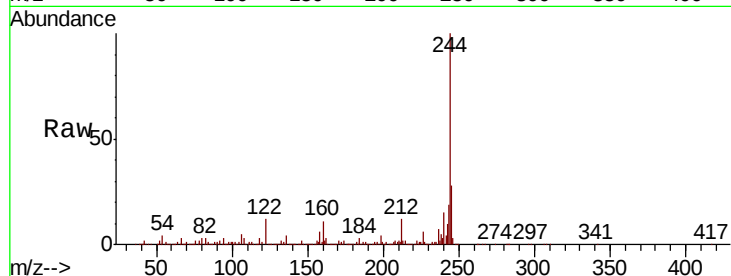
Tot Ion:244 Resp: 2991551

Ion Ratio Lower Upper

244 100

212 11.6 8.4 12.6

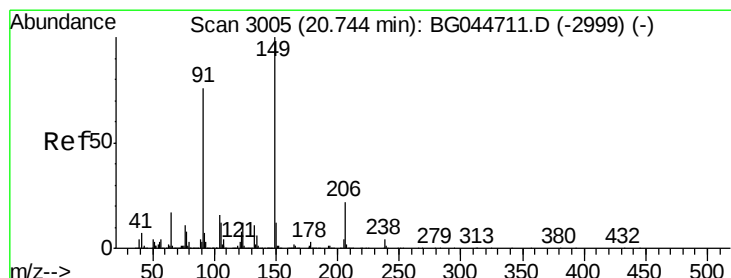
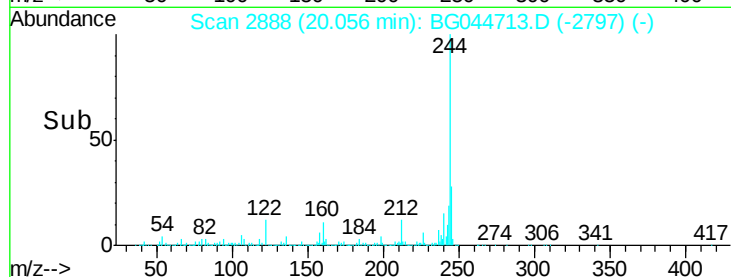
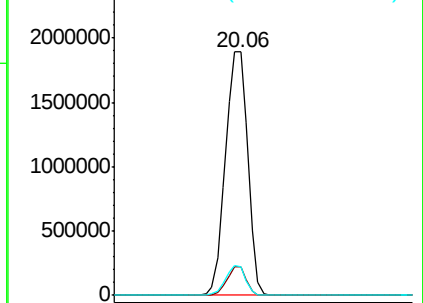
122 11.6 8.7 13.1



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: 60.190 ng

RT: 20.74 min Scan# 3005

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

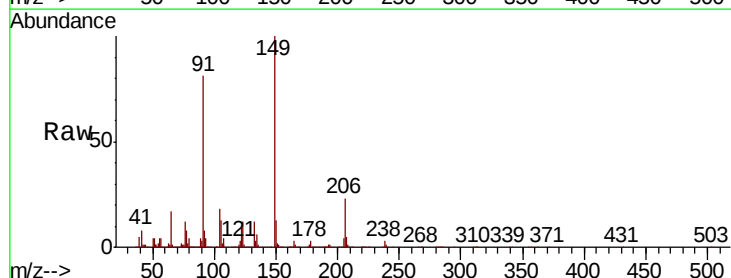
Tgt Ion:149 Resp: 1042453

Ion Ratio Lower Upper

149 100

91 81.1 61.1 91.7

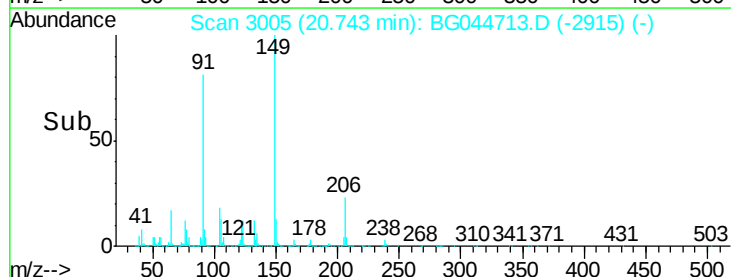
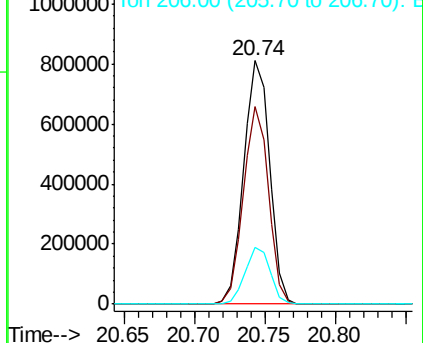
206 23.4 17.4 26.2

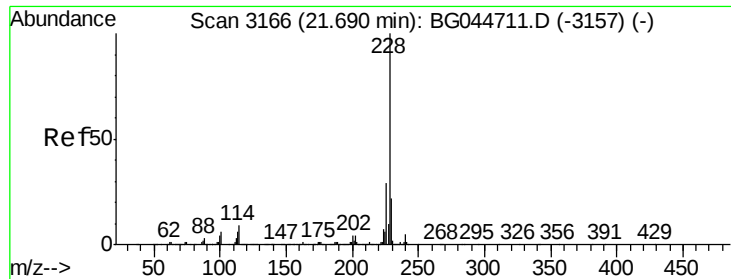


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 56.673 ng

RT: 21.69 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampled :

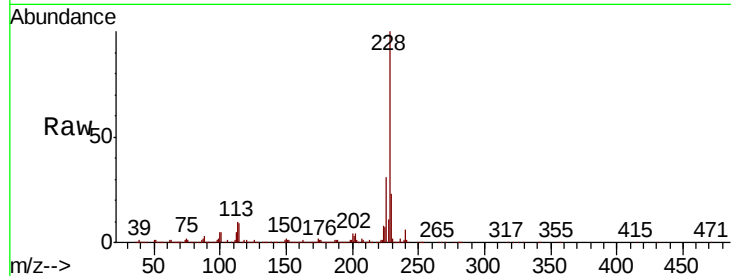
Tot Ion:228 Resp: 2162023

Ion Ratio Lower Upper

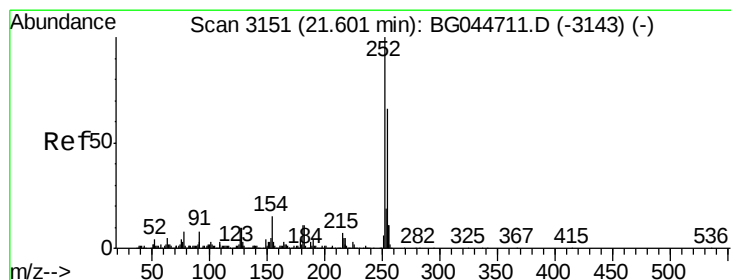
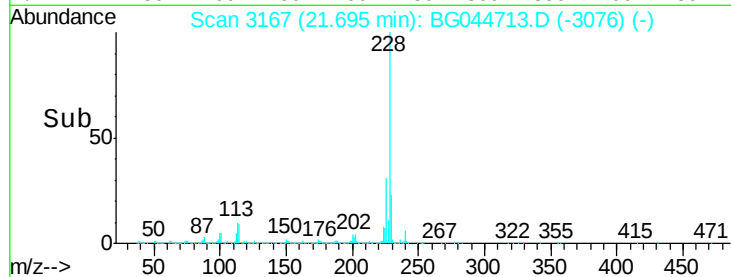
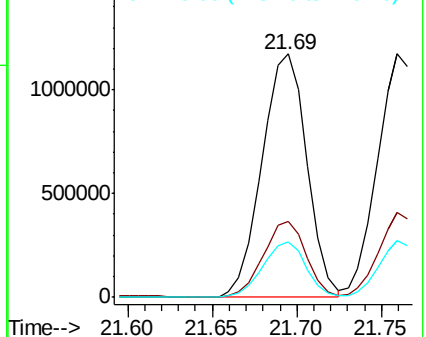
228 100

226 31.2 23.5 35.3

229 22.9 17.2 25.8



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



#82

3,3'-Dichlorobenzidine

Concen: 56.358 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

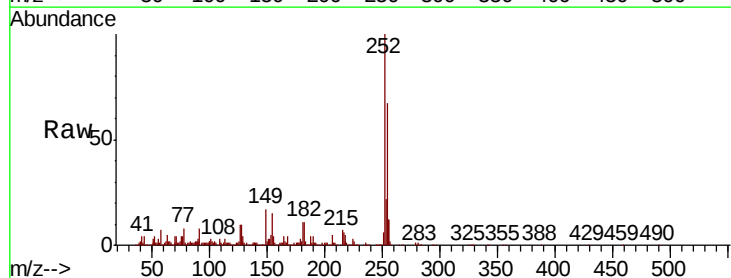
Tgt Ion:252 Resp: 856031

Ion Ratio Lower Upper

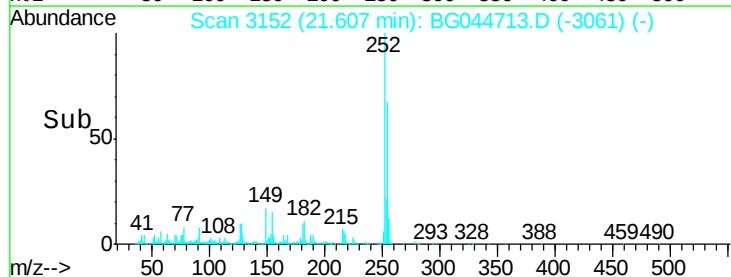
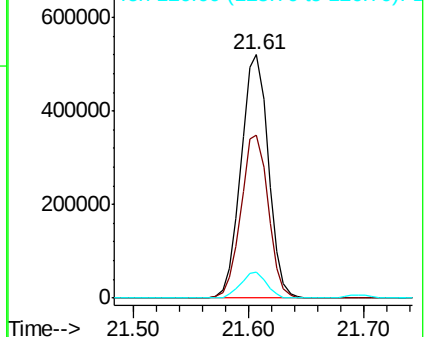
252 100

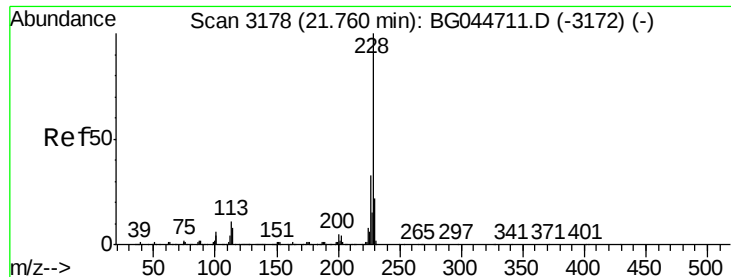
254 67.1 53.0 79.4

126 10.5 8.2 12.4



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





#83

Chrysene

Concen: 57.273 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

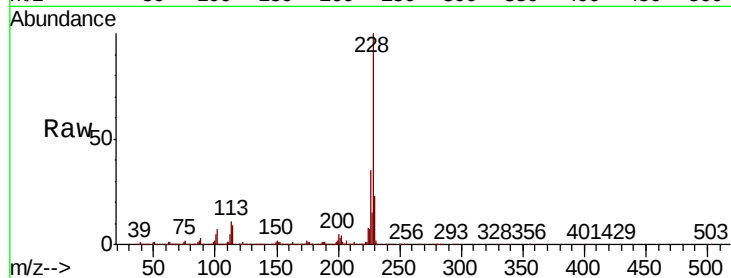
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 2079688

Ion	Ratio	Lower	Upper
228	100		
226	34.8	26.1	39.1
229	23.2	17.4	26.0

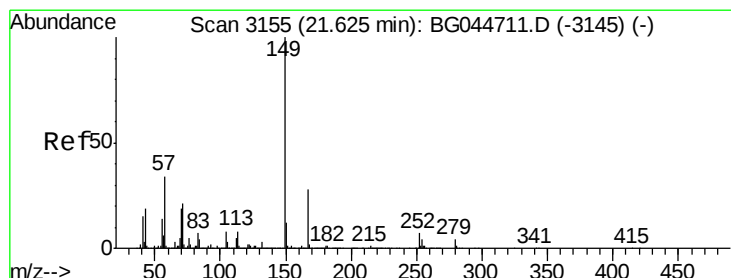
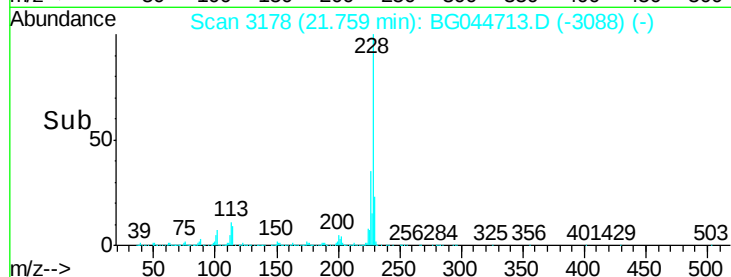
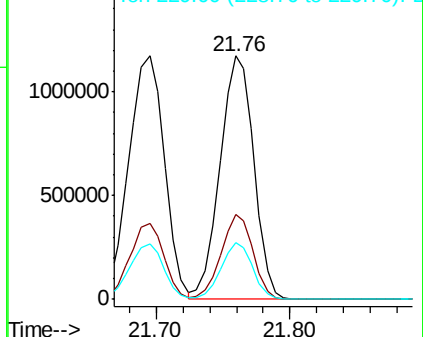


Abundance

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: 57.899 ng

RT: 21.62 min Scan# 3155

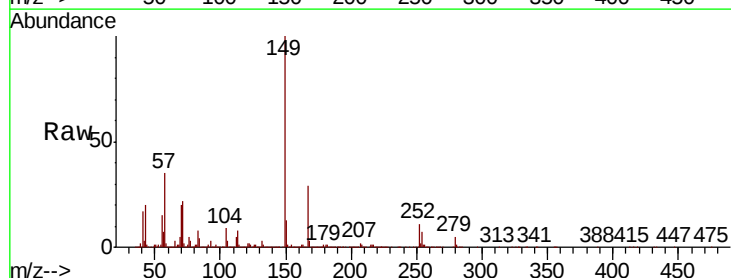
Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Tgt Ion:149 Resp: 1398407

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.6	33.8
279	4.8	3.5	5.3

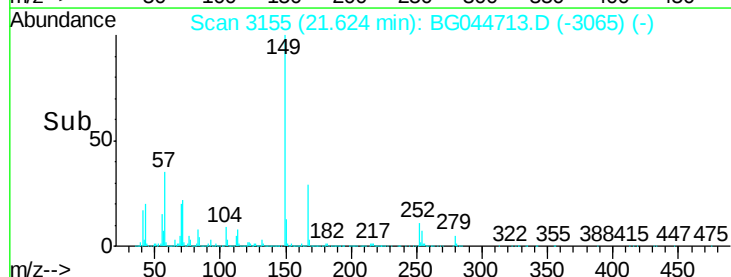
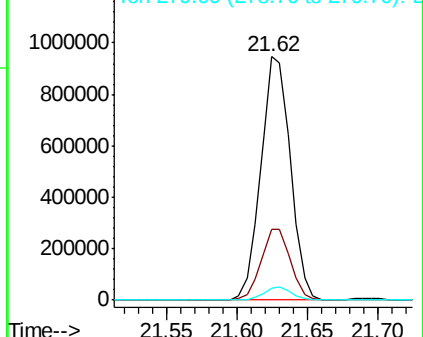


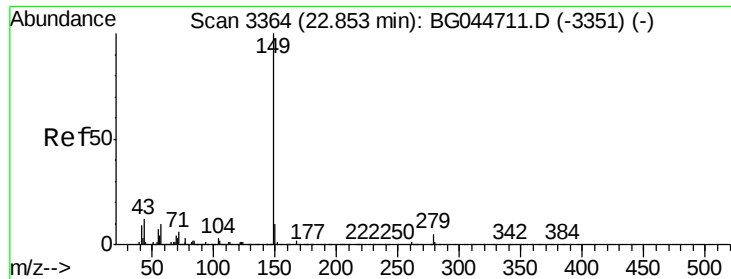
Abundance

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: 57.080 ng

RT: 22.86 min Scan# 3365

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

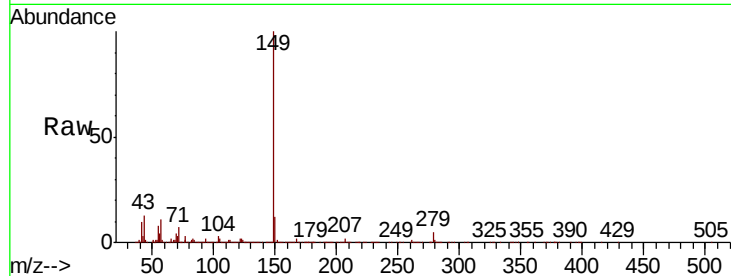
Tot Ion:149 Resp: 2367490

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

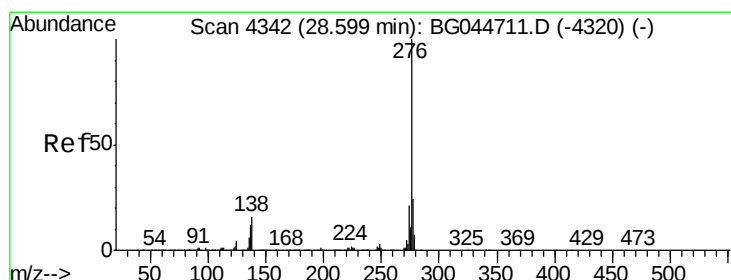
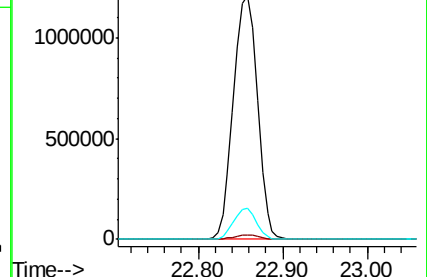
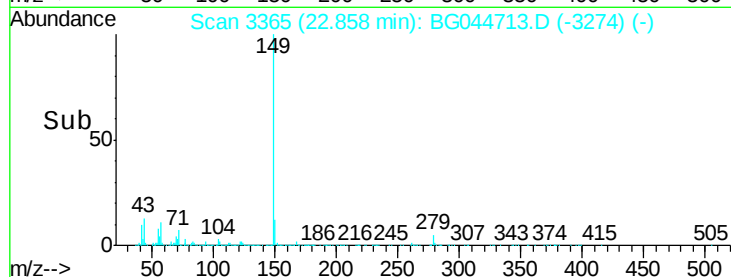
43 12.0 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 58.391 ng

RT: 28.60 min Scan# 4343

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

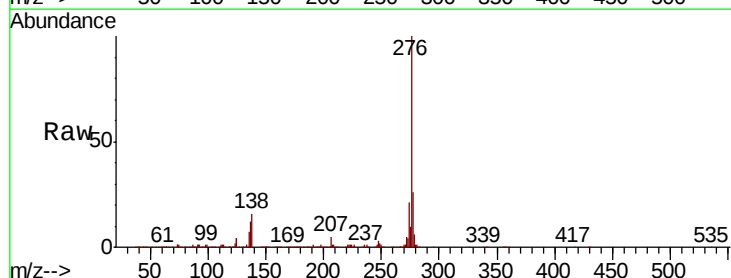
Tgt Ion:276 Resp: 2800231

Ion Ratio Lower Upper

276 100

138 13.7 10.9 16.3

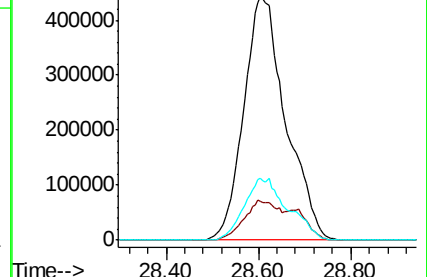
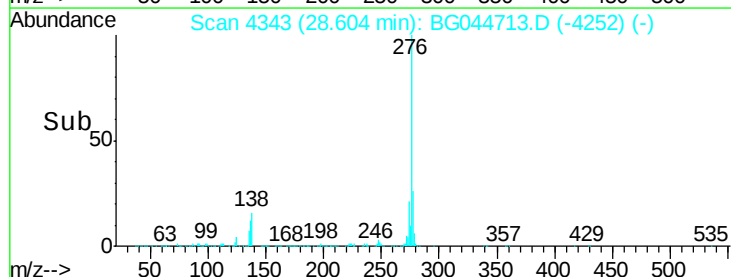
277 26.4 20.8 31.2

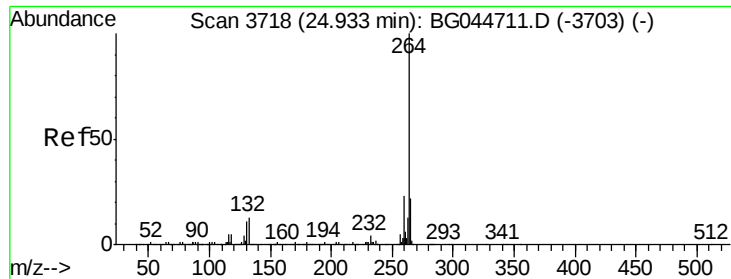


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

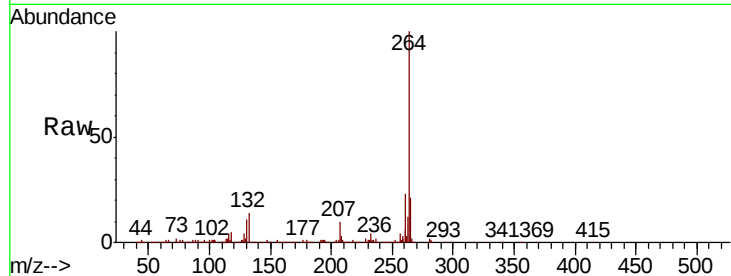
Tot Ion:264 Resp: 591545

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

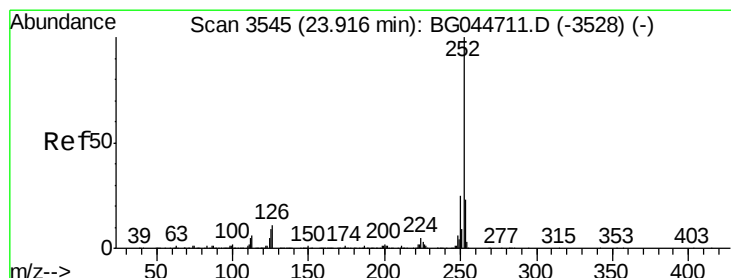
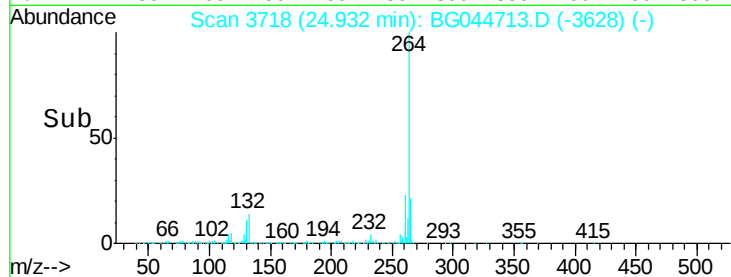
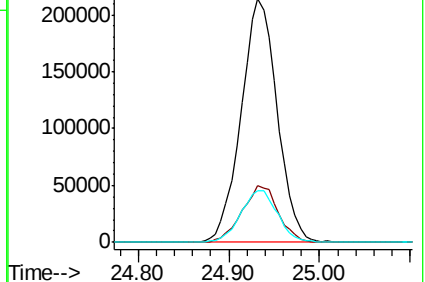
265 21.1 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 58.714 ng

RT: 23.92 min Scan# 3546

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

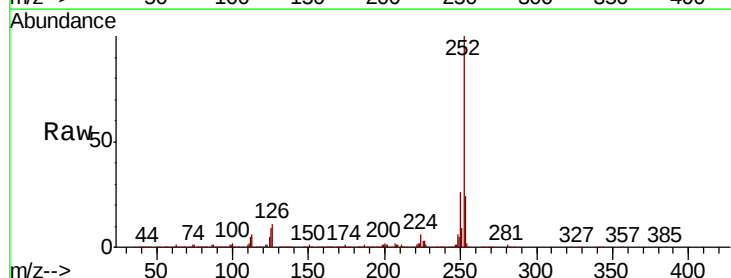
Tgt Ion:252 Resp: 2363871

Ion Ratio Lower Upper

252 100

253 24.3 18.7 28.1

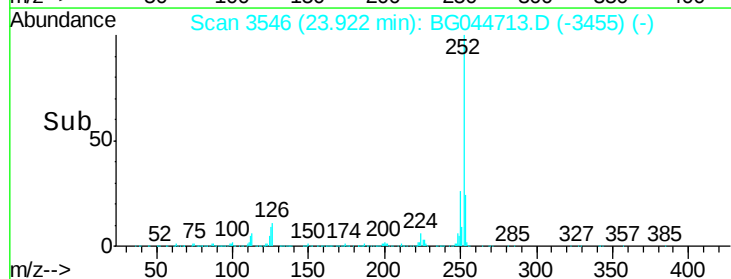
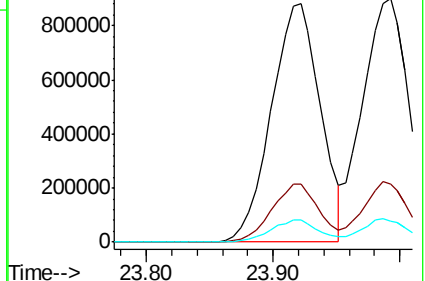
125 9.1 7.2 10.8

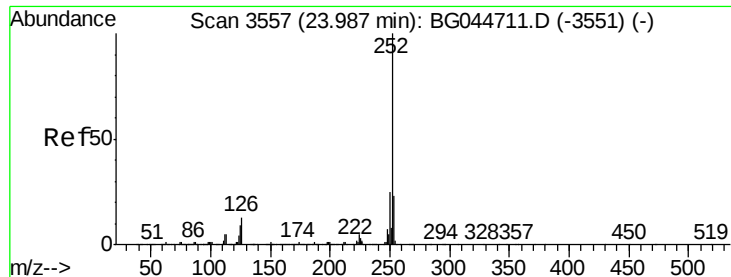


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 59.973 ng

RT: 23.99 min Scan# 3558

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Instrument :

BNA_G

ClientSampleId :

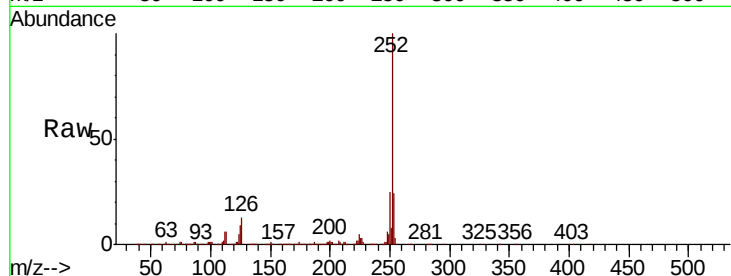
Tot Ion:252 Resp: 2263264

Ion Ratio Lower Upper

252 100

253 24.0 18.4 27.6

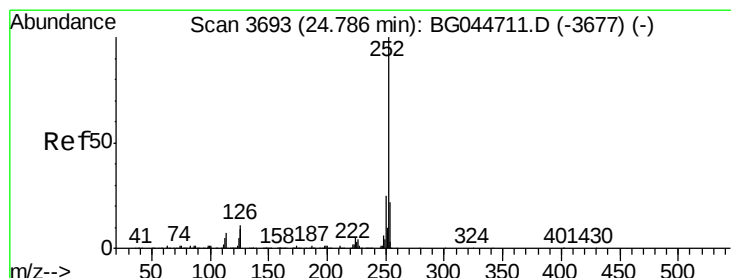
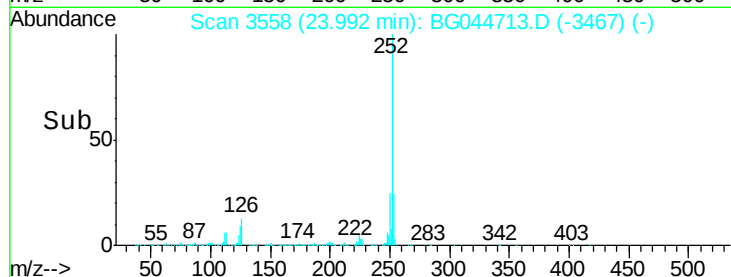
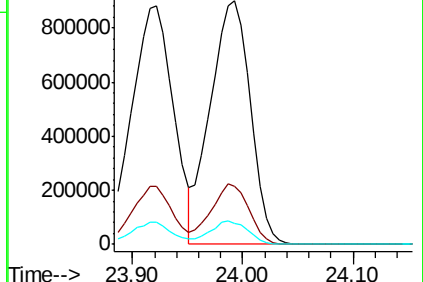
125 8.7 7.0 10.4



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: 59.472 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

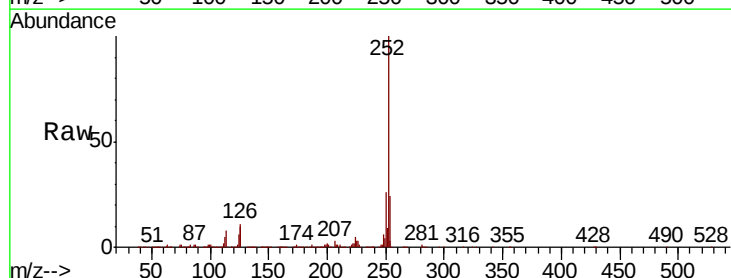
Tgt Ion:252 Resp: 2230021

Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

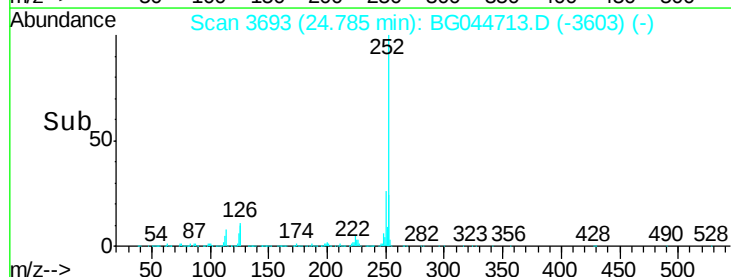
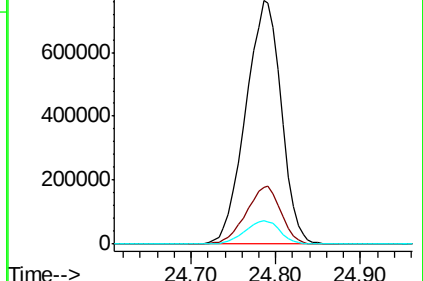
125 9.6 7.0 10.6

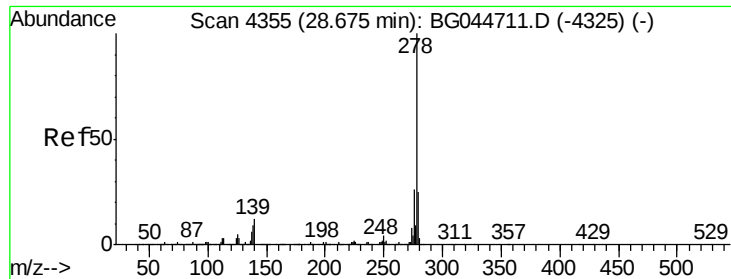


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 59.539 ng

RT: 28.69 min Scan# 4357

Delta R.T. 0.01 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

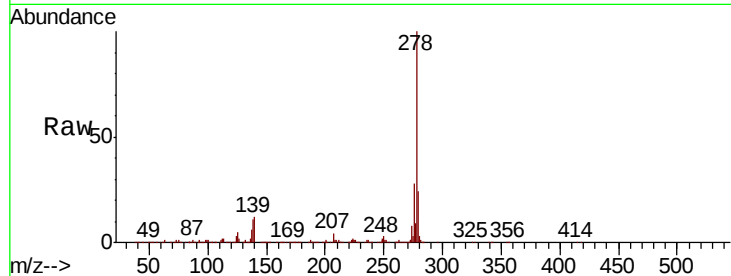
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 2226180

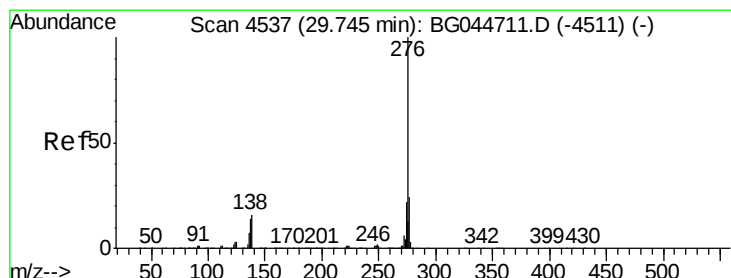
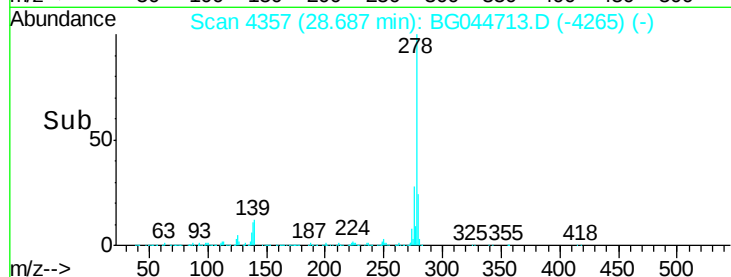
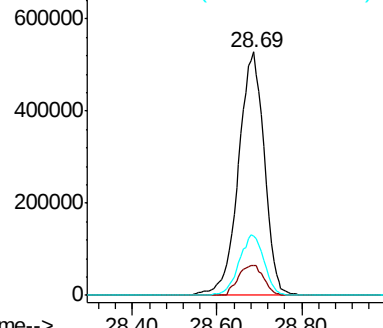
Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.9	14.9
279	24.4	20.2	30.4



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: 60.101 ng

RT: 29.74 min Scan# 4537

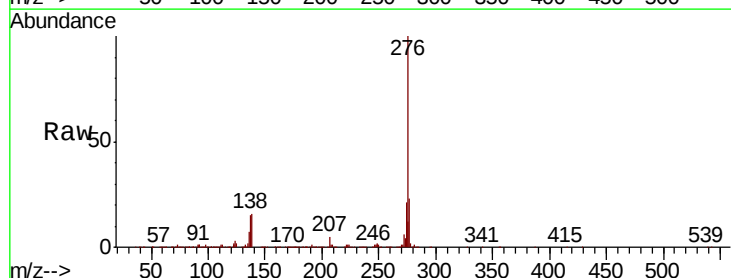
Delta R.T. -0.00 min

Lab File: BG044713.D

Acq: 10 Mar 2020 13:46

Tgt Ion:276 Resp: 2250951

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.8	28.2
138	16.0	13.0	19.4



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

