

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045694.D
 Acq On : 10 Jun 2020 16:33
 Operator : CG/JU
 Sample : PB129457BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 10 18:21:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	46777	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	196136	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	150729	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	370440	20.00	ng	0.00
76) Chrysene-d12	21.60	240	349890	20.00	ng	0.00
87) Perylene-d12	24.74	264	387556	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	331151	138.35	ng	0.00
7) Phenol-d6	7.14	99	478849	140.56	ng	-0.01
23) Nitrobenzene-d5	9.10	82	309496	86.05	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	254200	131.87	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	749218	84.31	ng	0.00
79) Terphenyl-d14	19.95	244	1384688	92.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	40498	34.120	ng	92
3) Pyridine	3.80	79	112767	34.113	ng	95
4) n-Nitrosodimethylamine	3.71	42	48537	44.870	ng	# 93
6) Aniline	7.27	93	180690	40.630	ng	99
8) 2-Chlorophenol	7.52	128	123642	47.105	ng	99
9) Benzaldehyde	7.08	77	91749	41.336	ng	93
10) Phenol	7.16	94	170437	48.542	ng	98
11) bis(2-Chloroethyl)ether	7.36	93	114649	41.863	ng	98
12) 1,3-Dichlorobenzene	7.83	146	131958	41.834	ng	99
13) 1,4-Dichlorobenzene	7.98	146	131283	42.174	ng	96
14) 1,2-Dichlorobenzene	8.30	146	124697	41.650	ng	96
15) Benzyl Alcohol	8.19	79	133970	47.604	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.47	45	110746	42.601	ng	96
17) 2-Methylphenol	8.41	107	118298	45.014	ng	98
18) Hexachloroethane	9.03	117	50897	42.691	ng	98
19) n-Nitroso-di-n-propylamine	8.75	70	110946	47.095	ng	97
20) 3+4-Methylphenols	8.74	107	157676	44.060	ng	94
22) Acetophenone	8.77	105	197766	42.543	ng	# 96
24) Nitrobenzene	9.14	77	169385	43.956	ng	95
25) Isophorone	9.67	82	313154	44.210	ng	97
26) 2-Nitrophenol	9.86	139	71477	43.359	ng	95
27) 2,4-Dimethylphenol	9.94	122	120084	49.115	ng	96
28) bis(2-Chloroethoxy)methane	10.16	93	167826	45.178	ng	99
29) 2,4-Dichlorophenol	10.41	162	137701	47.694	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	146479	42.935	ng	98
31) Naphthalene	10.80	128	396330	43.363	ng	99
32) Benzoic acid	10.10	122	49869	33.750	ng	94
33) 4-Chloroaniline	10.91	127	131269	34.359	ng	98
34) Hexachlorobutadiene	11.09	225	101627	42.141	ng	98
35) Caprolactam	11.68	113	50546	47.696	ng	# 80
36) 4-Chloro-3-methylphenol	12.06	107	164312	50.505	ng	99
37) 2-Methylnaphthalene	12.41	142	313230	45.980	ng	97
38) 1-Methylnaphthalene	12.41	142	313230	48.676	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	177561	42.175	ng	97

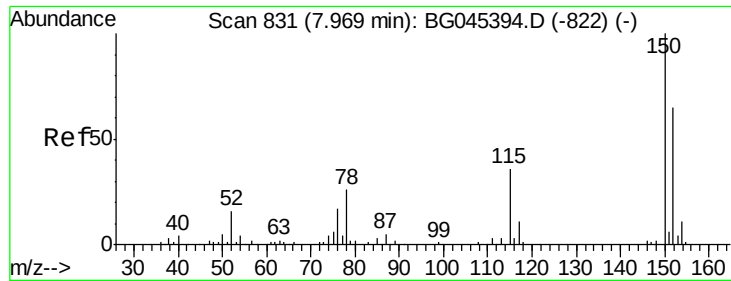
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045694.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	211716	87.126	ng	96
43) 2,4,6-Trichlorophenol	13.03	196	124534	42.582	ng	99
44) 2,4,5-Trichlorophenol	13.12	196	133370	39.907	ng	97
46) 1,1'-Biphenyl	13.42	154	405477	43.780	ng	99
47) 2-Chloronaphthalene	13.46	162	317620	42.232	ng	99
48) 2-Nitroaniline	13.67	65	108398	43.816	ng	94
49) Acenaphthylene	14.31	152	527839	43.694	ng	99
50) Dimethylphthalate	14.04	163	459431	44.433	ng	99
51) 2,6-Dinitrotoluene	14.16	165	104060	44.600	ng	96
52) Acenaphthene	14.65	154	314200	38.856	ng	98
53) 3-Nitroaniline	14.50	138	79994	33.727	ng	94
54) 2,4-Dinitrophenol	14.71	184	117574	77.136	ng	96
55) Dibenzofuran	14.99	168	524547	43.682	ng	97
56) 4-Nitrophenol	14.84	139	134523	74.915	ng	87
57) 2,4-Dinitrotoluene	14.96	165	148380	43.911	ng	94
58) Fluorene	15.64	166	446018	45.210	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.22	232	125913	42.824	ng	98
60) Diethylphthalate	15.41	149	473335	43.982	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	246979	43.749	ng	98
62) 4-Nitroaniline	15.67	138	103786	41.916	ng	97
63) Azobenzene	15.92	77	453381	45.180	ng	98
65) 4,6-Dinitro-2-methylphenol	15.72	198	92914	43.067	ng	95
66) n-Nitrosodiphenylamine	15.85	169	394421	44.346	ng	96
67) 4-Bromophenyl-phenylether	16.53	248	172959	43.118	ng	97
68) Hexachlorobenzene	16.65	284	187533	44.699	ng	97
69) Atrazine	16.80	200	155164	42.355	ng	99
70) Pentachlorophenol	17.00	266	165610	76.022	ng	96
71) Phenanthrene	17.38	178	721699	44.627	ng	100
72) Anthracene	17.47	178	737128	45.389	ng	99
73) Carbazole	17.74	167	672411	42.476	ng	99
74) Di-n-butylphthalate	18.30	149	821511	43.237	ng	99
75) Fluoranthene	19.40	202	918566	44.657	ng	98
77) Benzidine	19.57	184	565865	57.584	ng	100
78) Pyrene	19.75	202	898995	45.073	ng	99
80) Butylbenzylphthalate	20.64	149	362788	42.141	ng	97
81) Benzo(a)anthracene	21.58	228	865989	44.430	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	272611	35.656	ng	97
83) Chrysene	21.65	228	842696	44.964	ng	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	510342	43.124	ng	98
85) Di-n-octyl phthalate	22.67	149	869192	42.764	ng	100
86) Indeno(1,2,3-cd)pyrene	28.30	276	1095762	44.711	ng	98
88) Benzo(b)fluoranthene	23.75	252	939306	45.191	ng	99
89) Benzo(k)fluoranthene	23.81	252	923489	47.292	ng	98
90) Benzo(a)pyrene	24.59	252	861876	44.524	ng	98
91) Dibenzo(a,h)anthracene	28.36	278	889615	45.732	ng	98
92) Benzo(g,h,i)perylene	29.42	276	887902	45.639	ng	99

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

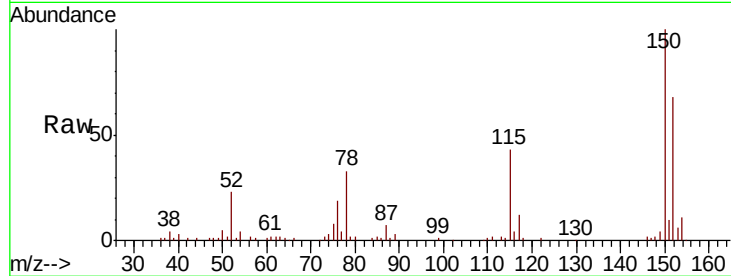


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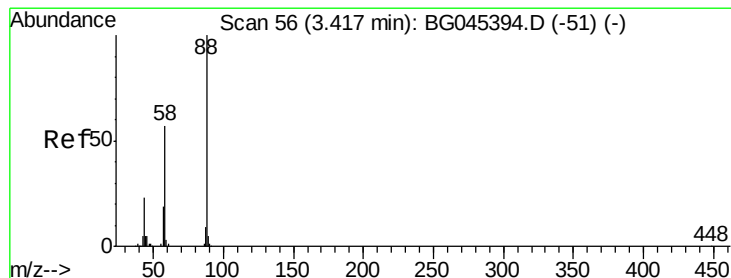
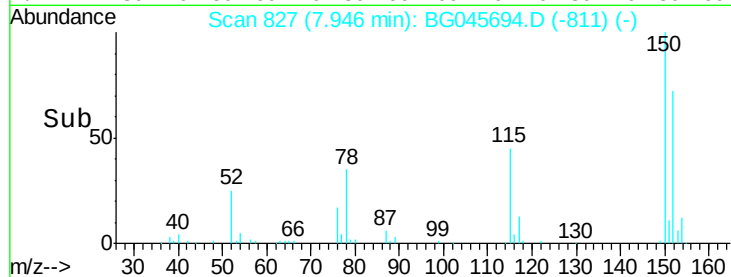
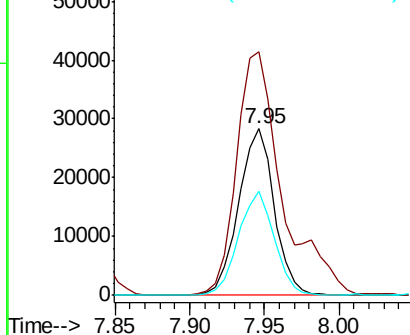
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 46777
Ion Ratio Lower Upper
152 100
150 146.1 122.4 183.6
115 62.5 44.2 66.4



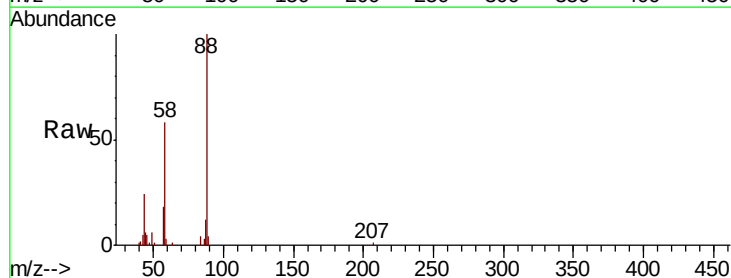
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



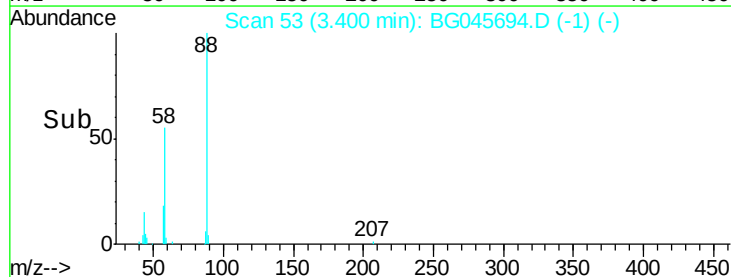
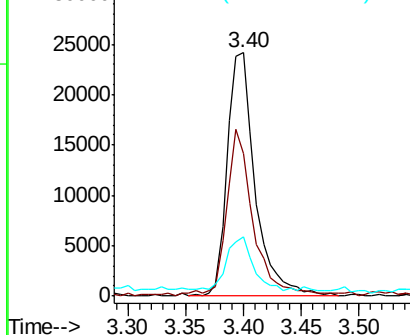
#2

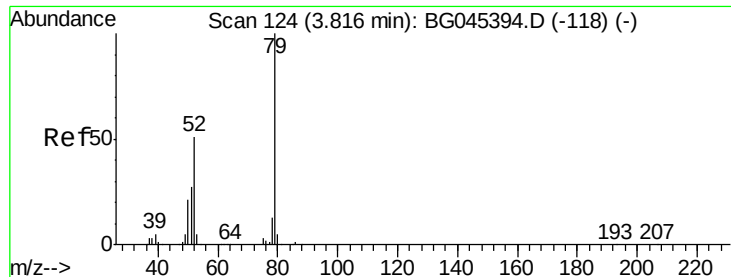
1,4-Dioxane
Concen: 34.120 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Tgt Ion: 88 Resp: 40498
Ion Ratio Lower Upper
88 100
58 65.2 45.7 68.5
43 20.5 16.8 25.2



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

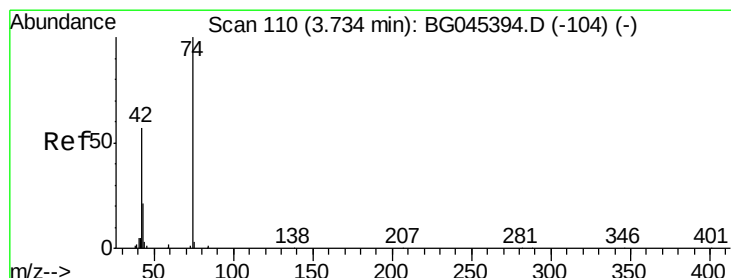
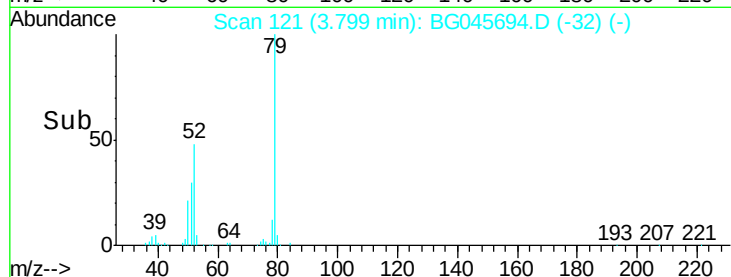
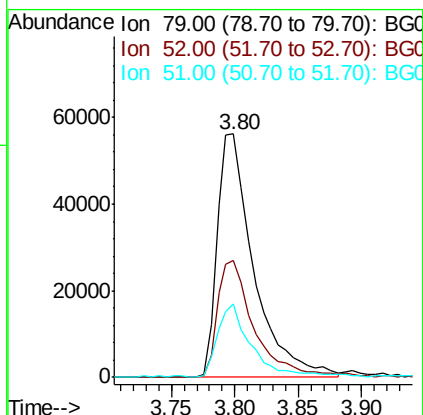
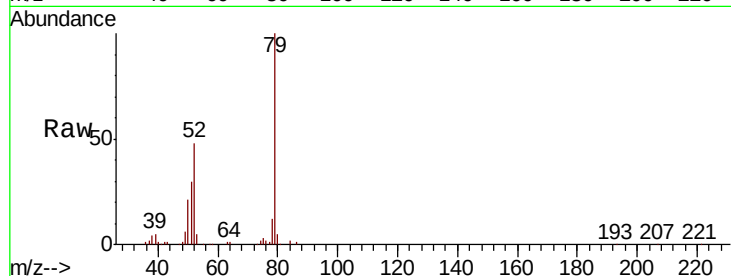




#3
 Pvridine
 Concen: 34.113 ng
 RT: 3.80 min Scan# 121
 Delta R.T. -0.01 min
 Lab File: BG045694.D
 Acq: 10 Jun 2020 16:33

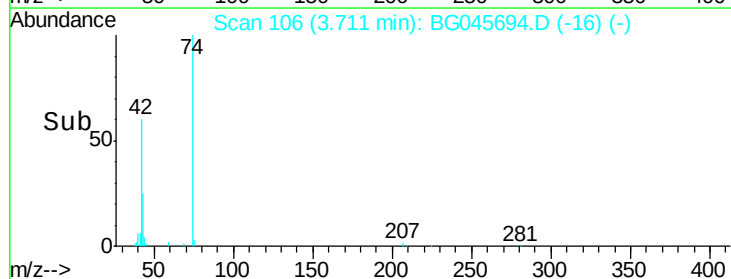
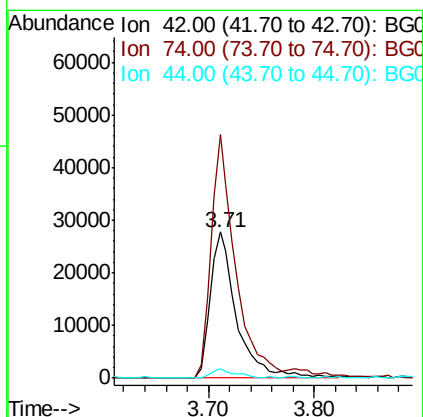
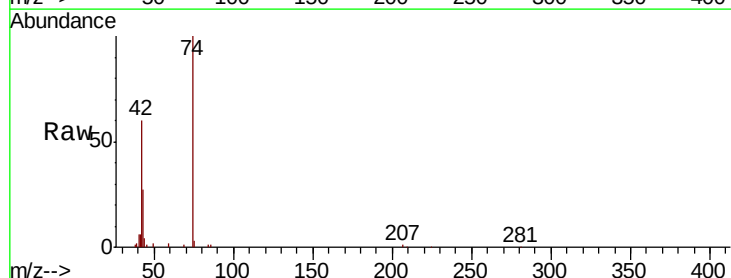
Instrument :
 BNA_G
 ClientSampleId :

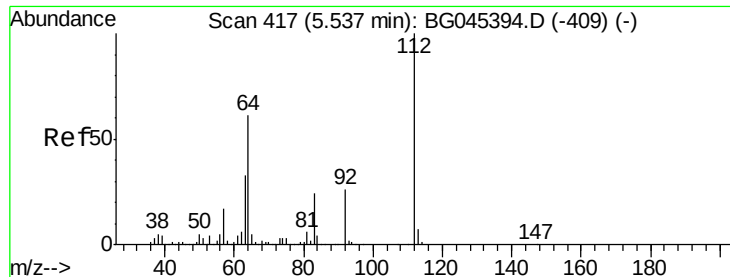
Tot Ion	Ratio	Lower	Upper
79	100		
52	48.0	40.8	61.2
51	30.3	21.9	32.9



#4
 n-Nitrosodimethylamine
 Concen: 44.870 ng
 RT: 3.71 min Scan# 106
 Delta R.T. 0.00 min
 Lab File: BG045694.D
 Acq: 10 Jun 2020 16:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	166.6	141.3	211.9
44	6.8	4.2	6.4





#5

2-Fluorophenol

Concen: 138.352 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampleId :

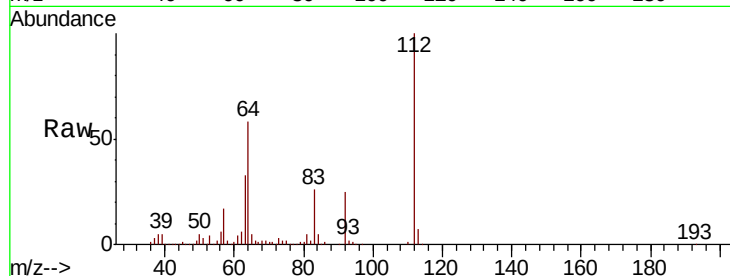
Tot Ion:112 Resp: 331151

Ion Ratio Lower Upper

112 100

64 58.3 48.6 72.8

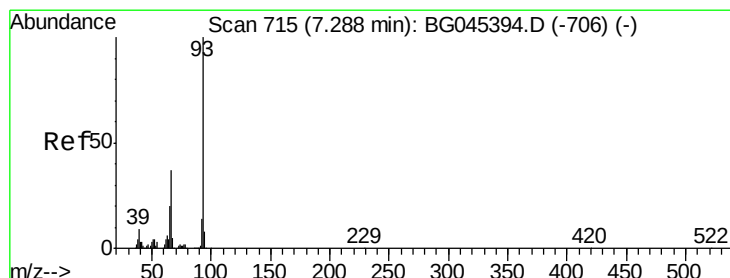
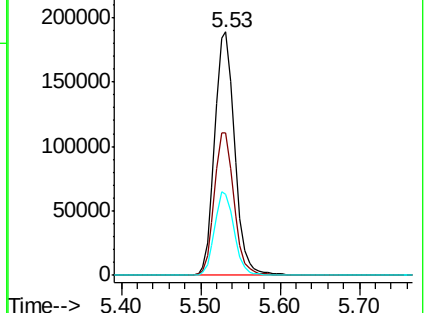
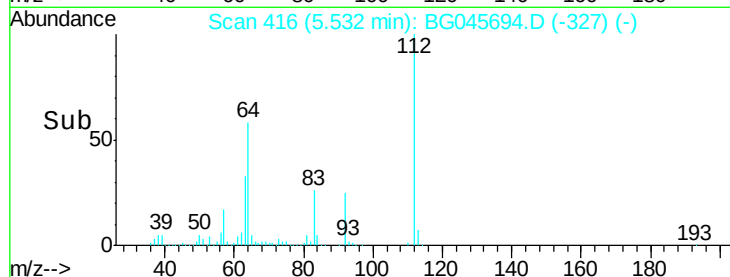
63 33.3 26.5 39.7



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: 40.630 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

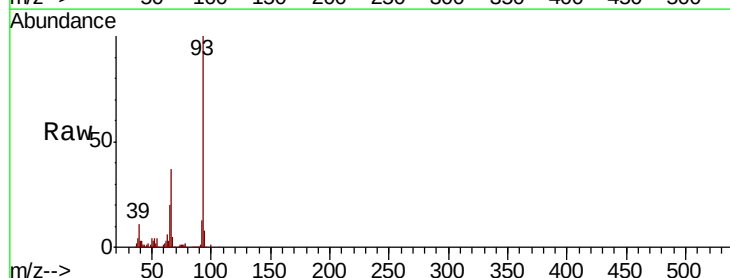
Tgt Ion: 93 Resp: 180690

Ion Ratio Lower Upper

93 100

66 37.5 29.6 44.4

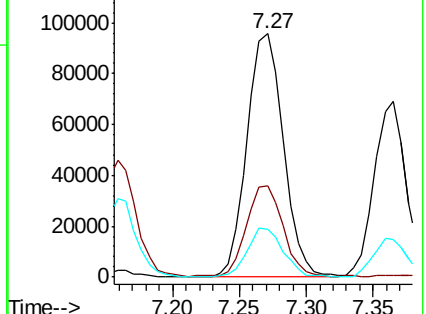
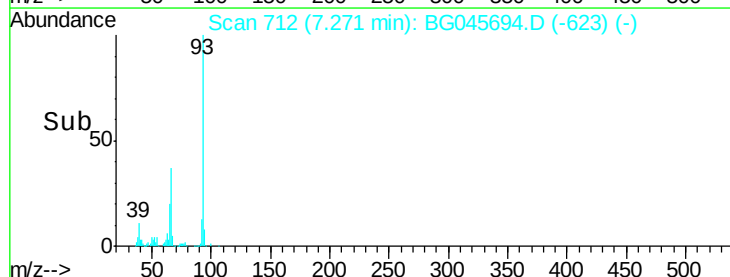
65 19.6 15.9 23.9

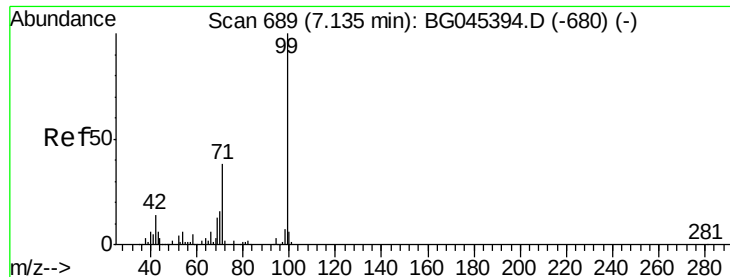


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 140.560 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampleId :

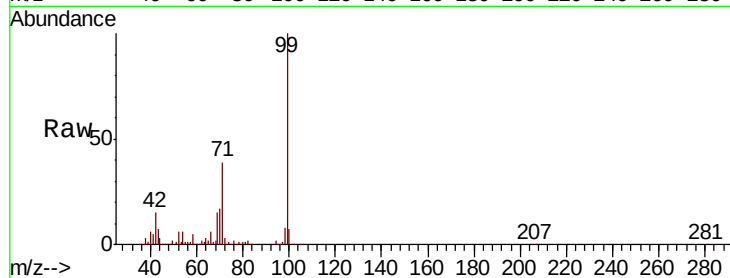
Tot Ion: 99 Resp: 478849

Ion Ratio Lower Upper

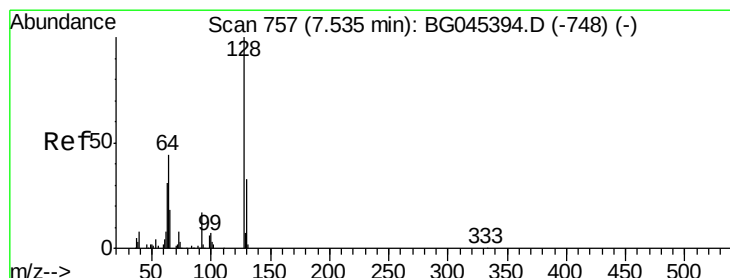
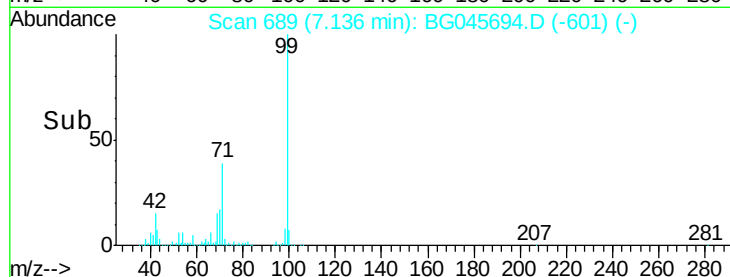
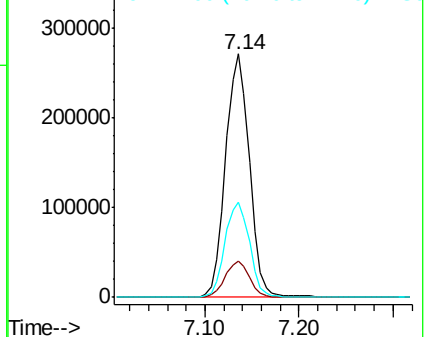
99 100

42 15.1 11.3 16.9

71 39.0 30.8 46.2



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: 47.105 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

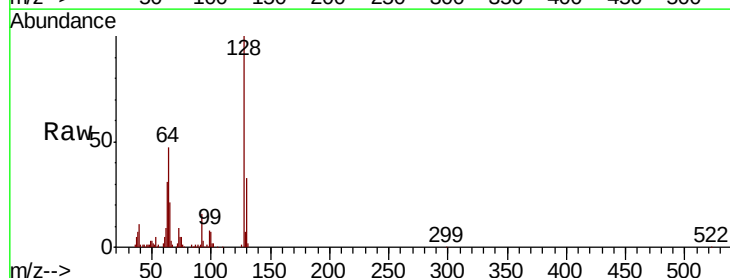
Tgt Ion: 128 Resp: 123642

Ion Ratio Lower Upper

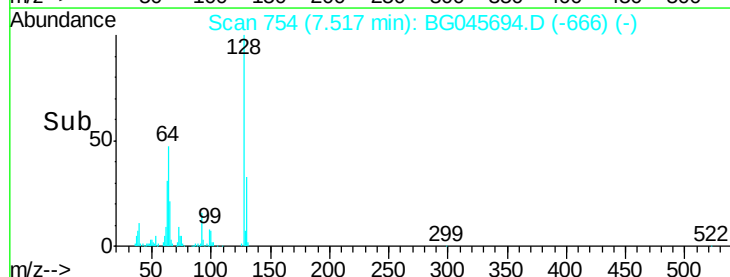
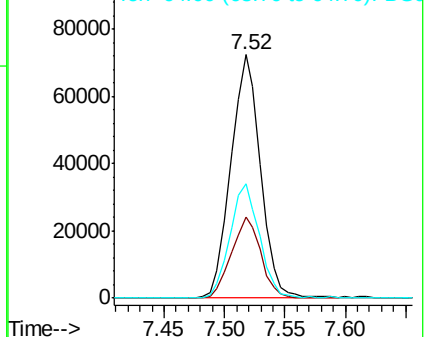
128 100

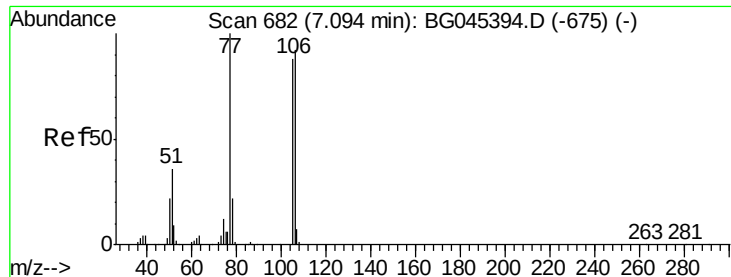
130 33.3 12.6 52.6

64 46.7 27.0 67.0



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: 41.336 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampleId :

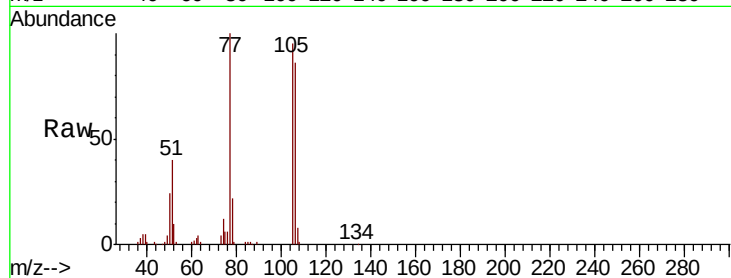
Tot Ion: 77 Resp: 91749

Ion Ratio Lower Upper

77 100

105 95.4 68.5 108.5

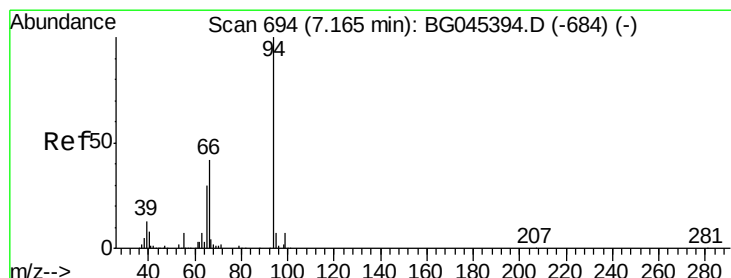
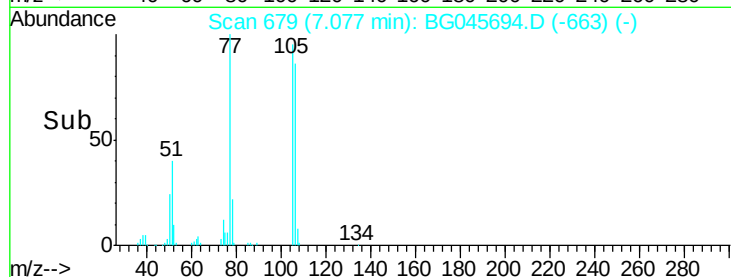
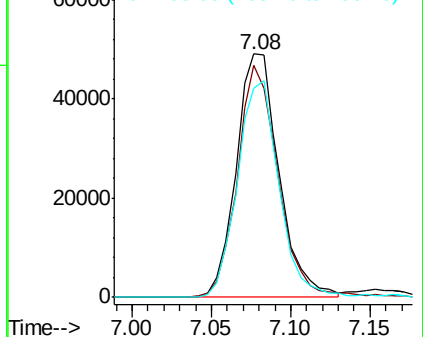
106 86.0 71.6 111.6



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: 48.542 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.02 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

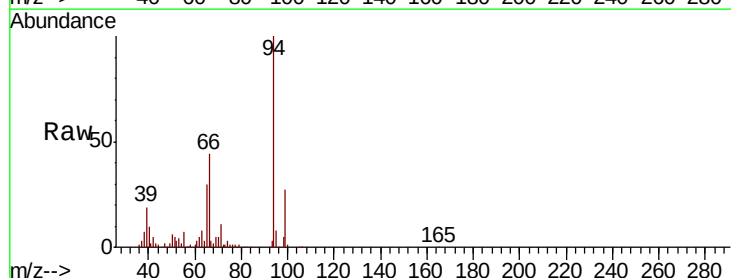
Tgt Ion: 94 Resp: 170437

Ion Ratio Lower Upper

94 100

65 29.9 9.8 49.8

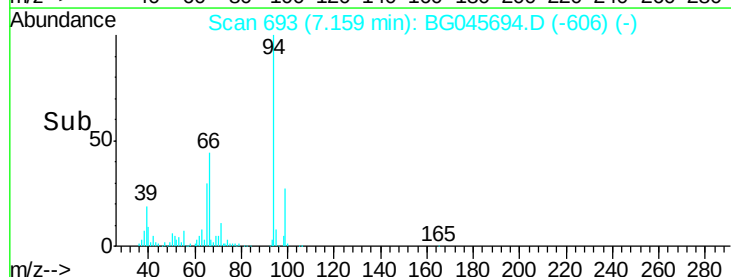
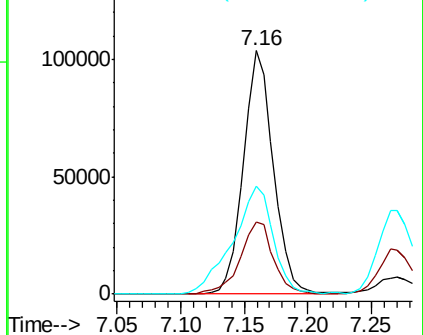
66 44.2 22.0 62.0

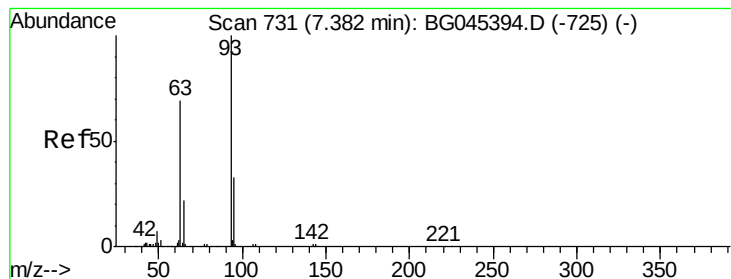


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 41.863 ng

RT: 7.36 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampleId :

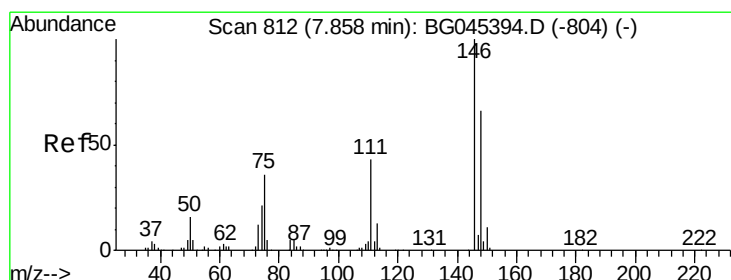
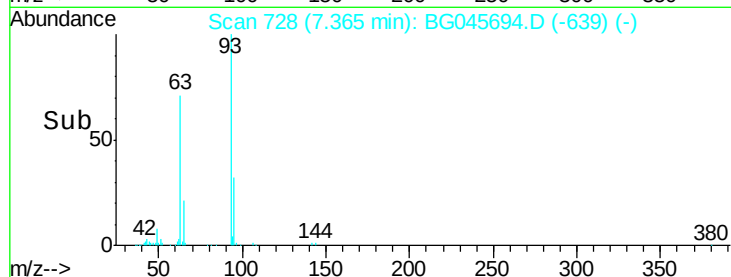
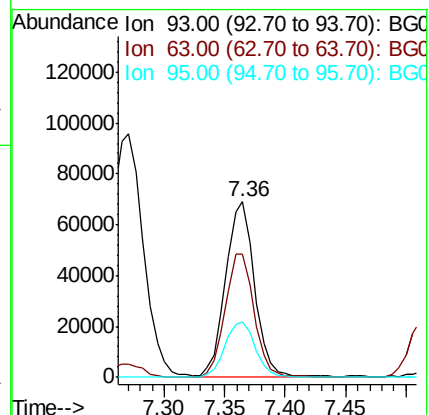
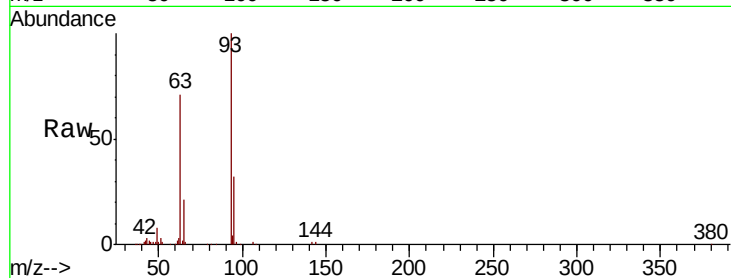
Tot Ion: 93 Resp: 114649

Ion Ratio Lower Upper

93 100

63 70.6 48.4 88.4

95 31.6 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 41.834 ng

RT: 7.83 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

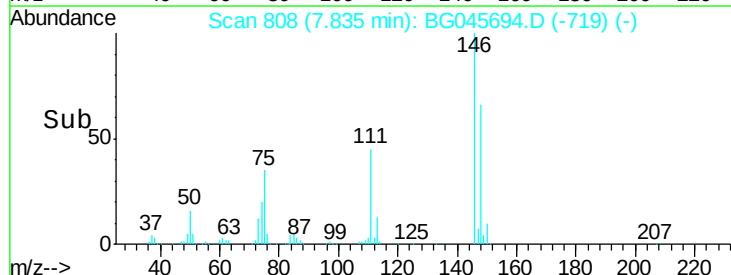
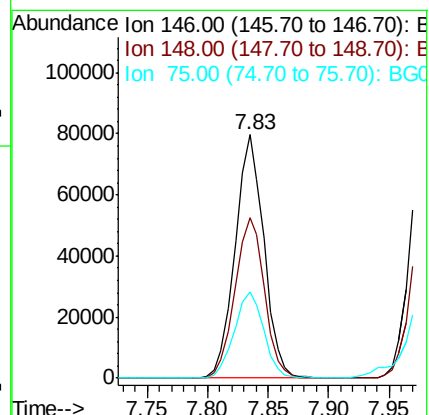
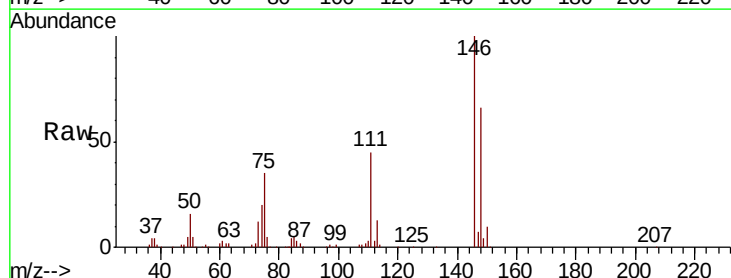
Tgt Ion: 146 Resp: 131958

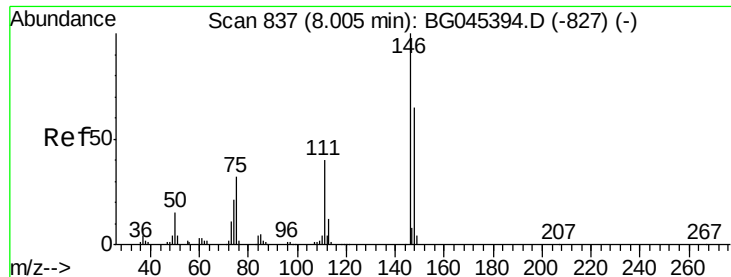
Ion Ratio Lower Upper

146 100

148 66.0 53.2 79.8

75 35.4 28.6 43.0





#13

1,4-Dichlorobenzene

Concen: 42.174 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampled :

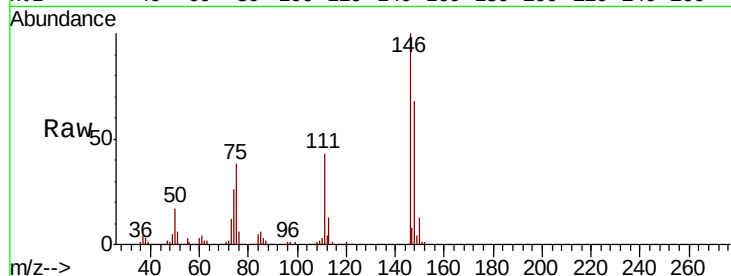
Tot Ion:146 Resp: 131283

Ion Ratio Lower Upper

146 100

148 67.7 51.8 77.8

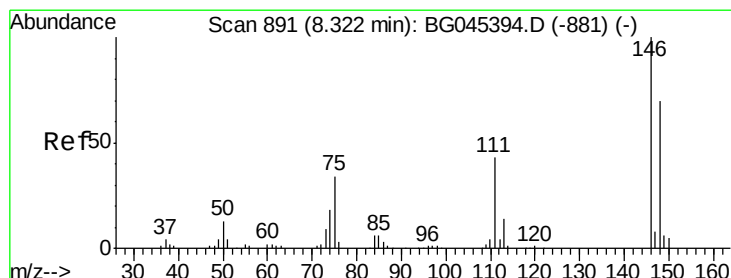
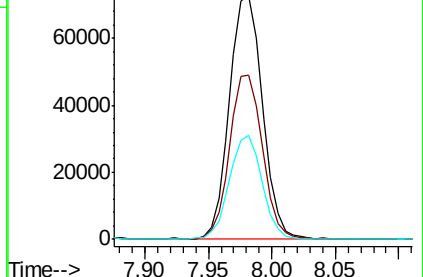
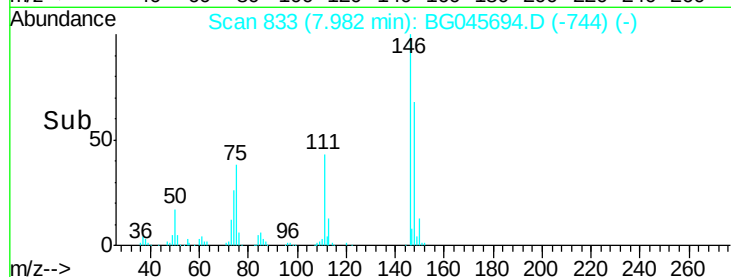
111 42.6 32.1 48.1



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: 41.650 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

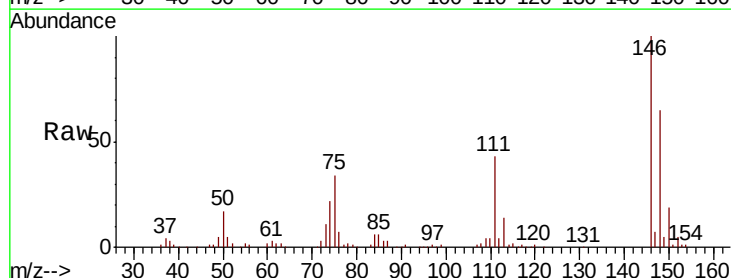
Tgt Ion:146 Resp: 124697

Ion Ratio Lower Upper

146 100

148 65.3 55.9 83.9

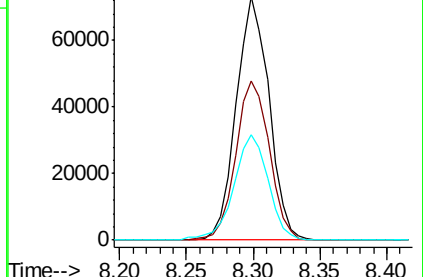
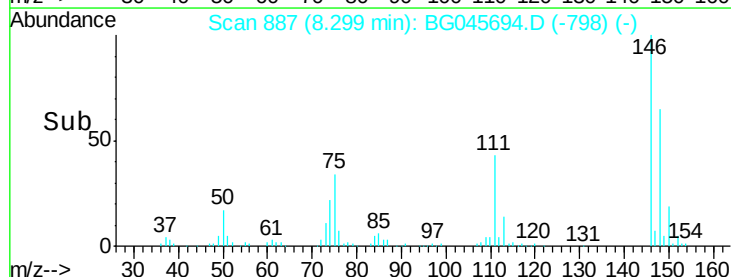
111 43.3 35.0 52.4

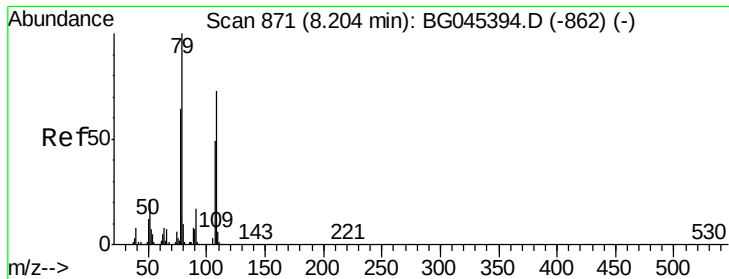


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.604 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampleId :

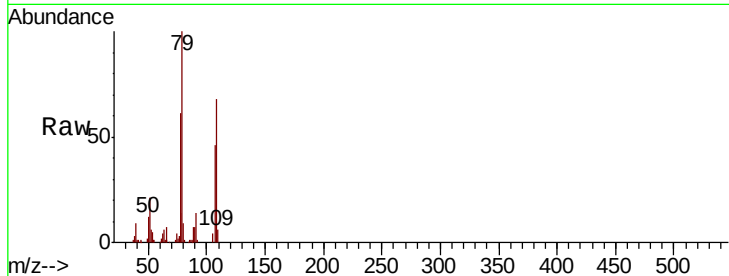
Tot Ion: 79 Resp: 133970

Ion Ratio Lower Upper

79 100

108 68.2 58.2 87.4

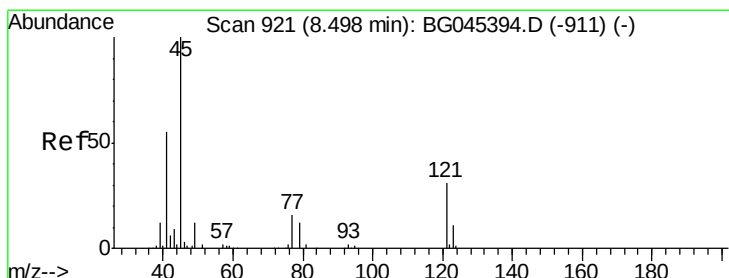
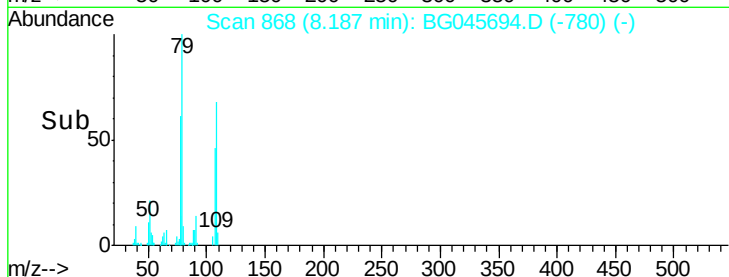
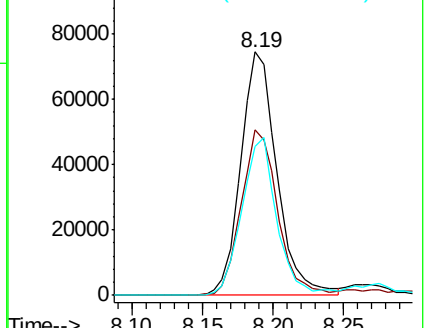
77 61.2 51.0 76.4



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: 42.601 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

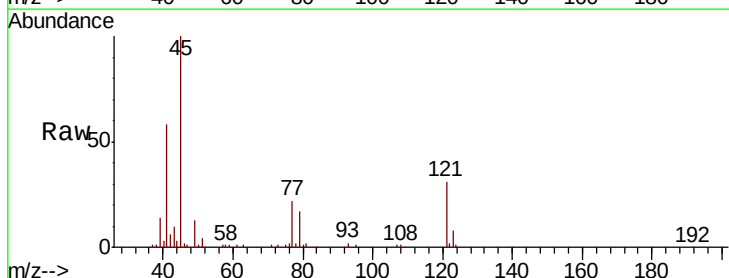
Tgt Ion: 45 Resp: 110746

Ion Ratio Lower Upper

45 100

77 22.1 4.0 44.0

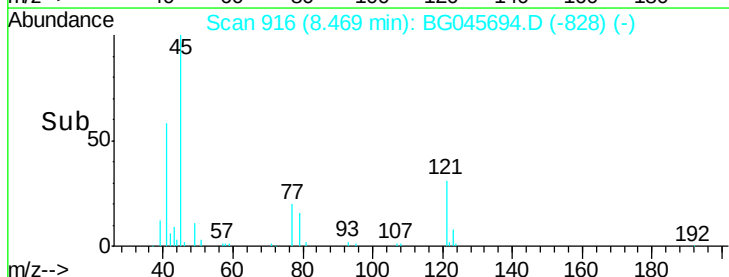
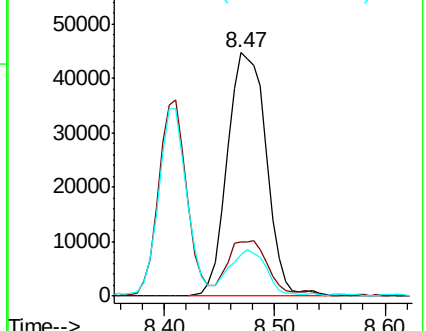
79 17.1 0.0 38.6

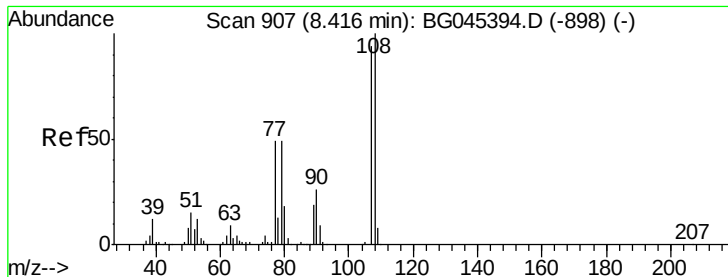


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 45.014 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 118298

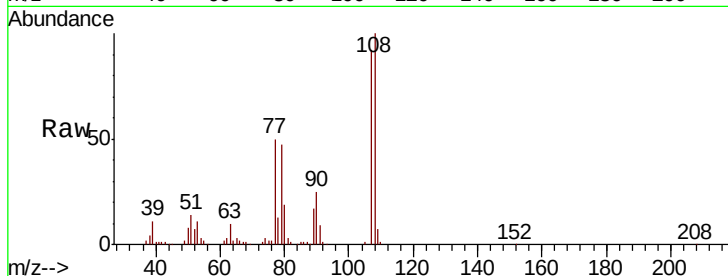
Ion Ratio Lower Upper

107 100

108 108.9 85.2 127.8

77 54.1 41.6 62.4

79 51.6 41.8 62.8

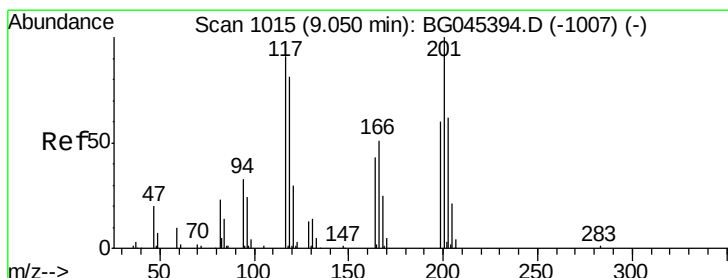
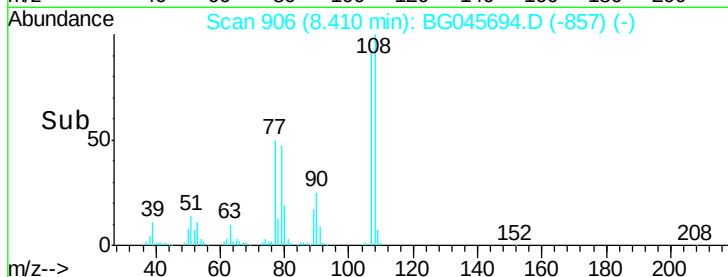
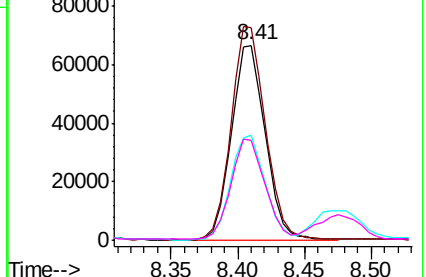


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 42.691 ng

RT: 9.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

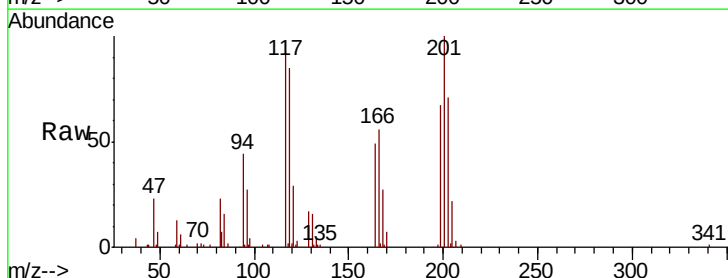
Tgt Ion:117 Resp: 50897

Ion Ratio Lower Upper

117 100

119 92.0 71.3 106.9

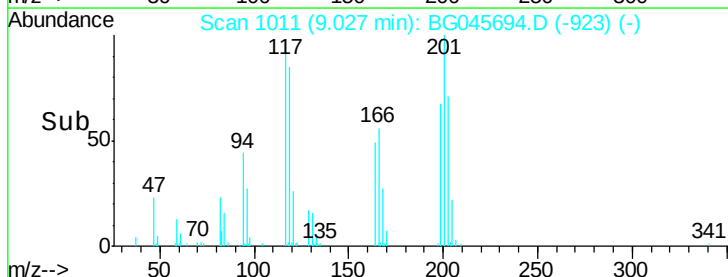
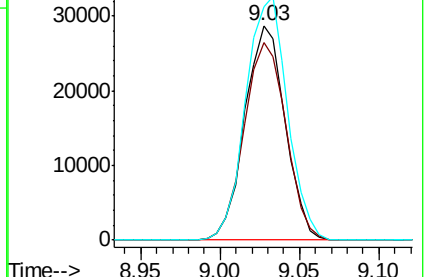
201 108.7 87.5 131.3

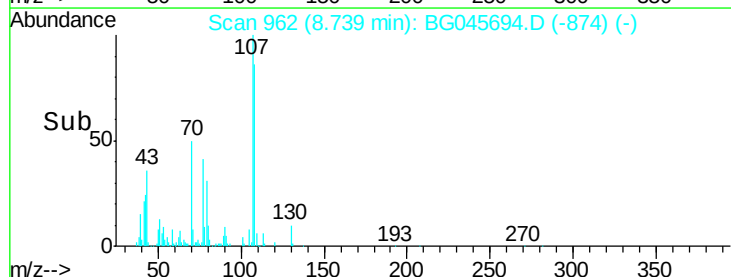
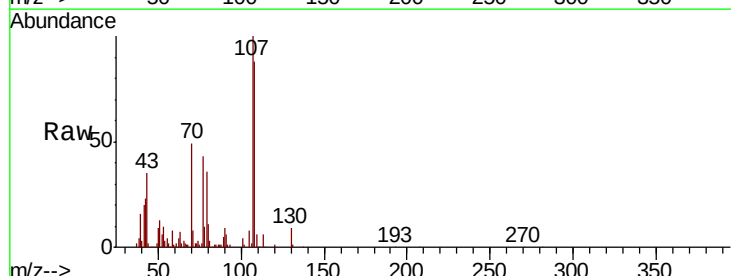
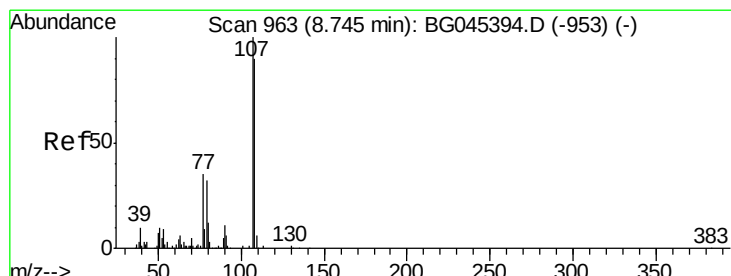
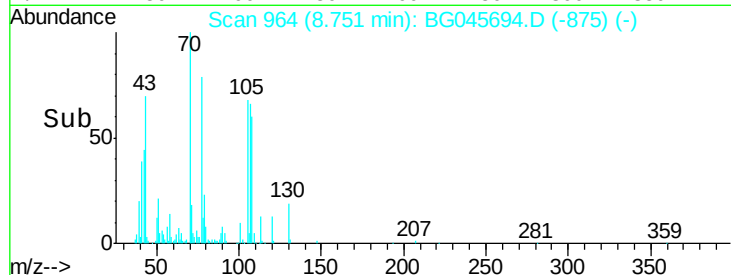
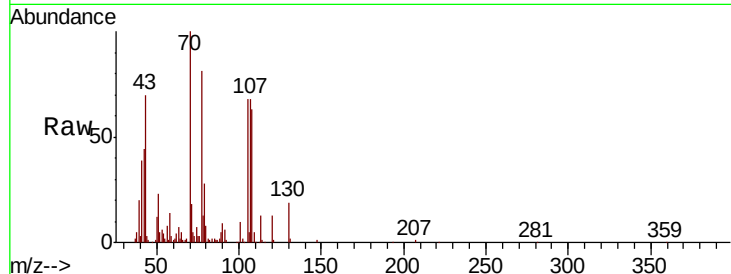
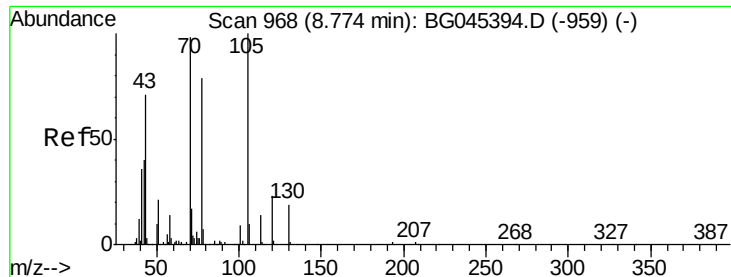


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

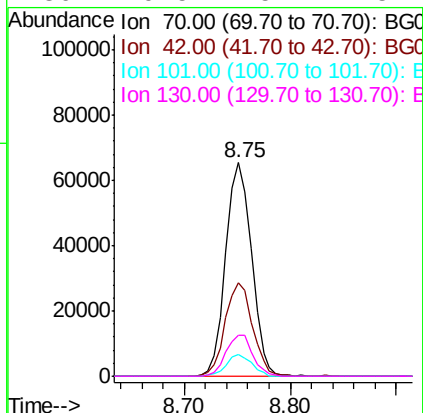




#19
n-Nitroso-di-n-propylamine
Concen: 47.095 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

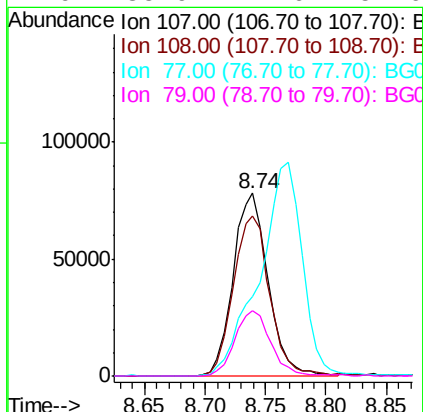
Instrument :
BNA_G
ClientSampled :

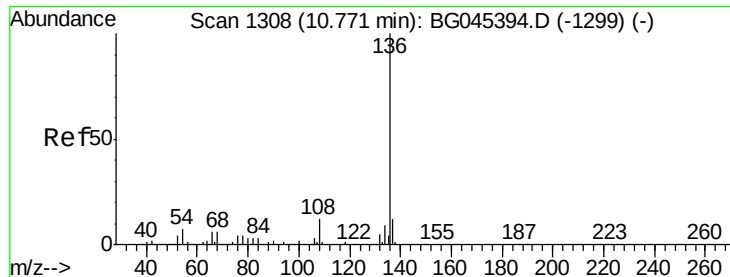
Tot Ion:	70	Resp:	110946
Ion	Ratio	Lower	Upper
70	100		
42	44.1	33.2	49.8
101	10.2	7.8	11.6
130	19.5	15.4	23.2



#20
3+4-Methylphenols
Concen: 44.060 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Tgt Ion:	107	Resp:	157676
Ion	Ratio	Lower	Upper
107	100		
108	87.5	70.3	110.3
77	43.3	15.4	55.4
79	35.9	12.6	52.6

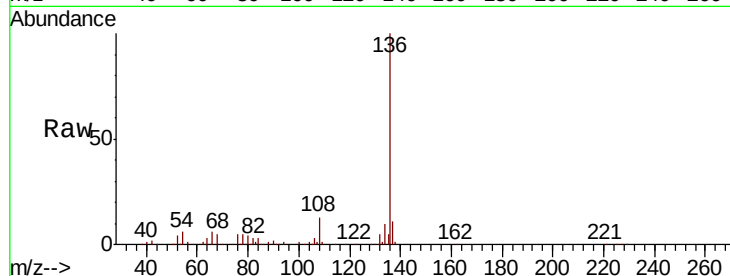




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 196136
Ion Ratio	Lower Upper
136 100	
137 10.8	9.4 14.2
54 6.5	5.8 8.6
68 4.5	4.5 6.7



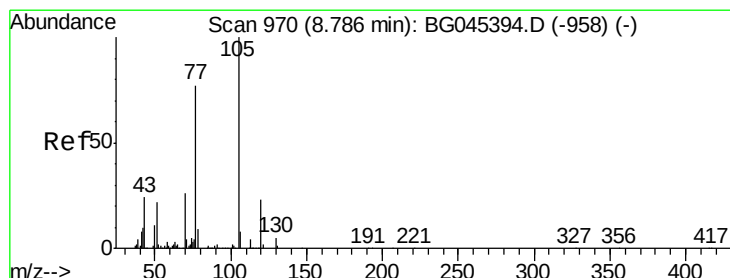
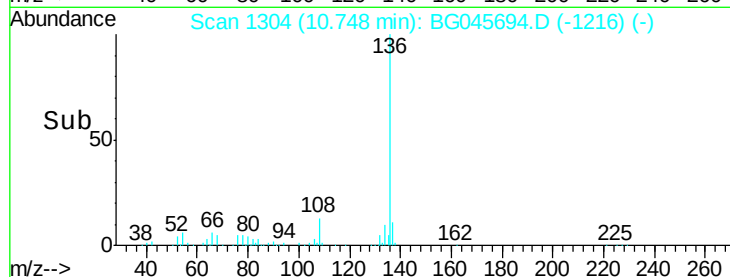
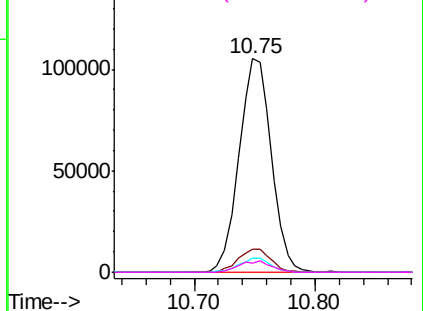
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

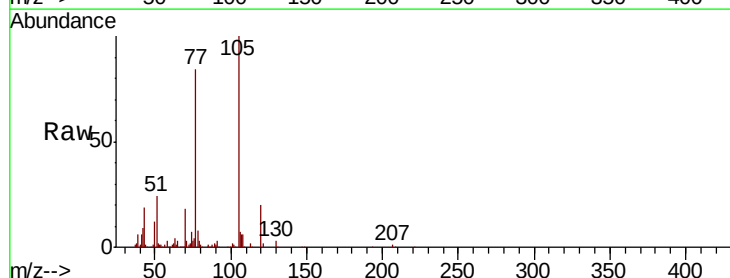
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.543 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Tgt Ion:105	Resp: 197766
Ion Ratio	Lower Upper
105 100	
71 2.8	3.4 5.0#
51 23.9	18.2 27.2
120 20.4	18.6 27.8



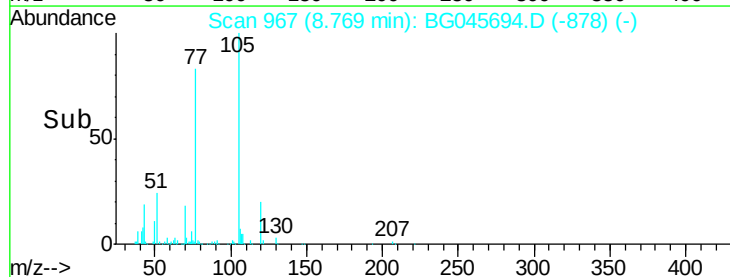
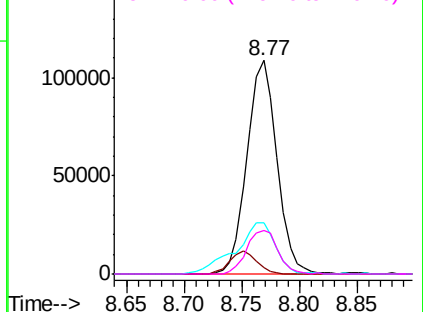
Abundance

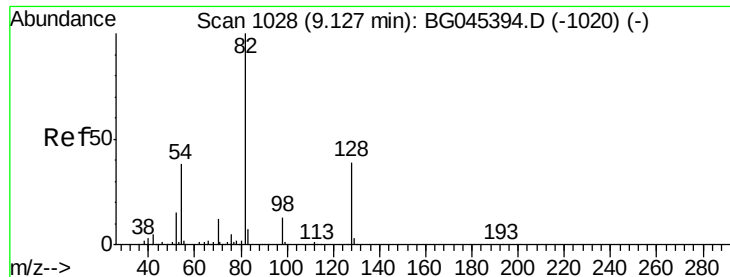
Ion 105.00 (104.70 to 105.70): E

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

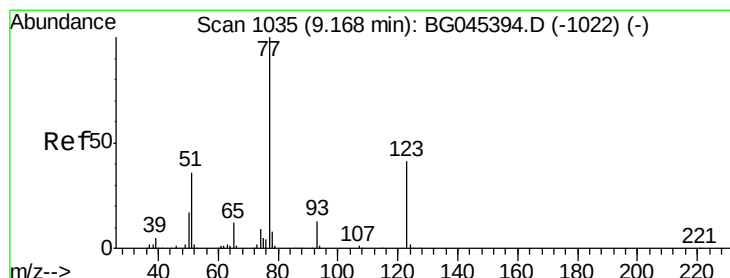
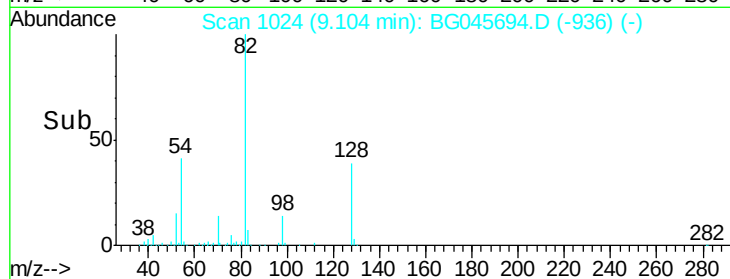
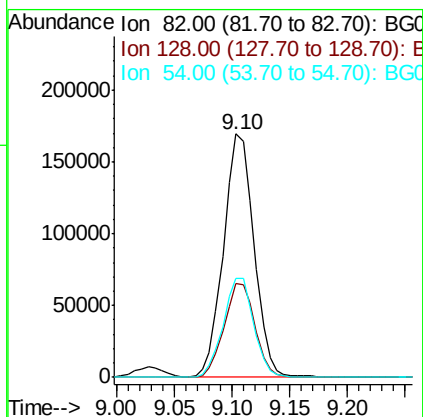
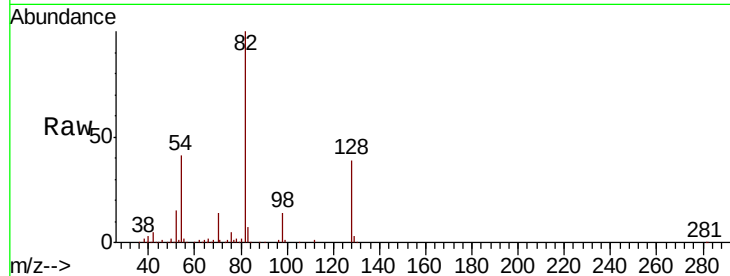




#23
 Nitrobenzene-d5
 Concen: 86.049 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045694.D
 Acq: 10 Jun 2020 16:33

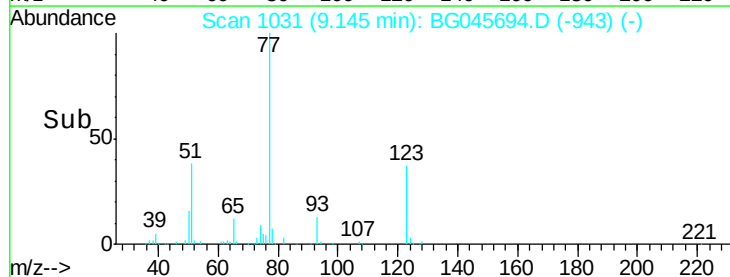
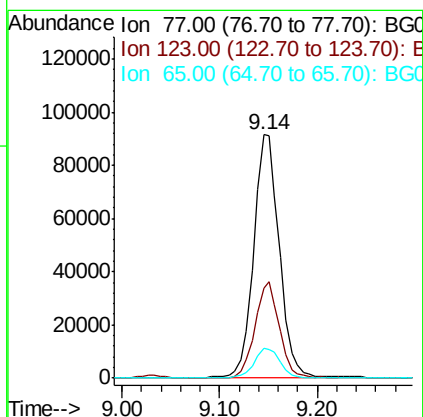
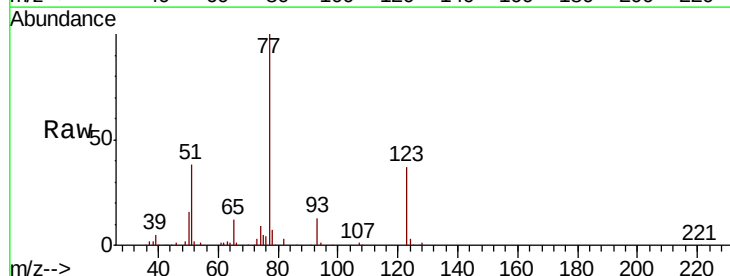
Instrument :
 BNA_G
 ClientSampled :

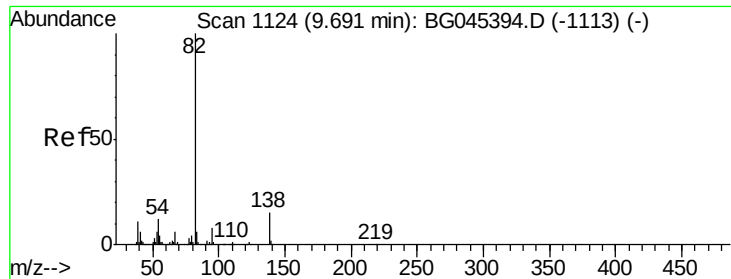
Tot Ion	82	Resp	309496
Ion Ratio	Lower	Upper	
82	100		
128	38.7	30.9	46.3
54	40.8	30.3	45.5



#24
 Nitrobenzene
 Concen: 43.956 ng
 RT: 9.14 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BG045694.D
 Acq: 10 Jun 2020 16:33

Tgt Ion	77	Resp	169385
Ion Ratio	Lower	Upper	
77	100		
123	37.1	32.9	49.3
65	12.2	9.4	14.2





#25

Isophorone

Concen: 44.210 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampleId :

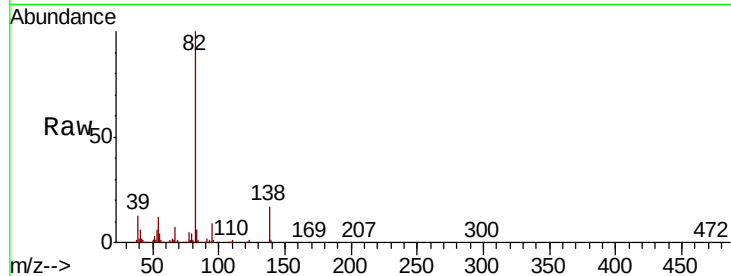
Tot Ion: 82 Resp: 313154

Ion Ratio Lower Upper

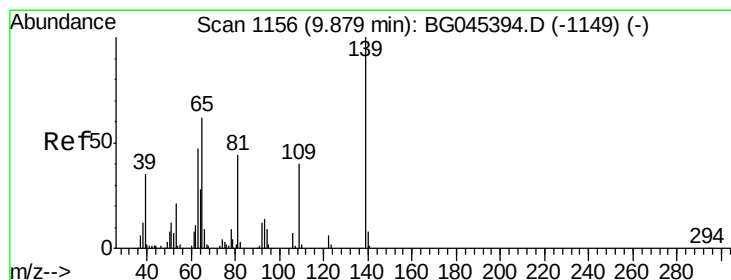
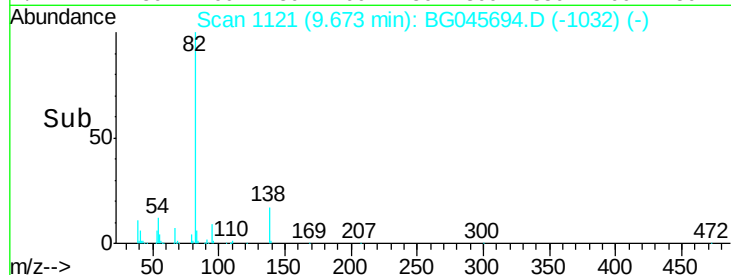
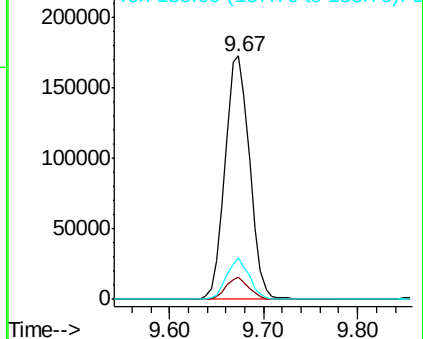
82 100

95 9.0 6.7 10.1

138 17.1 12.2 18.4



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



#26

2-Nitrophenol

Concen: 43.359 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

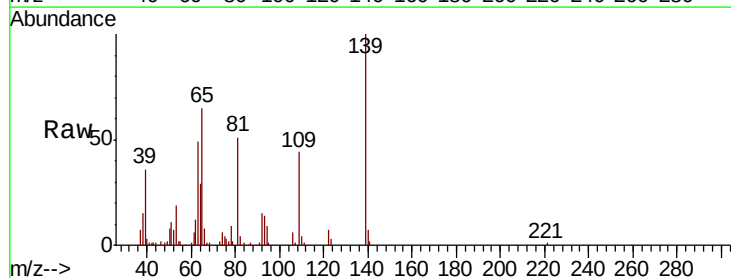
Tgt Ion: 139 Resp: 71477

Ion Ratio Lower Upper

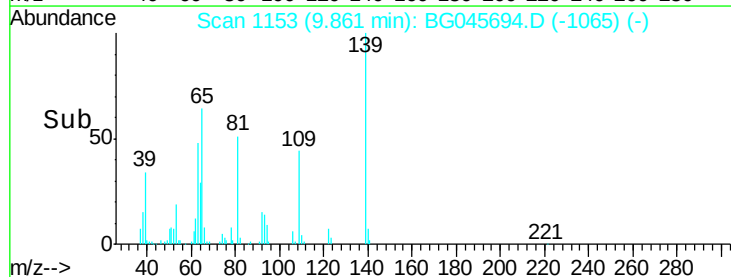
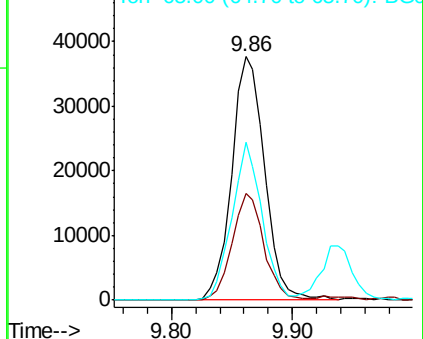
139 100

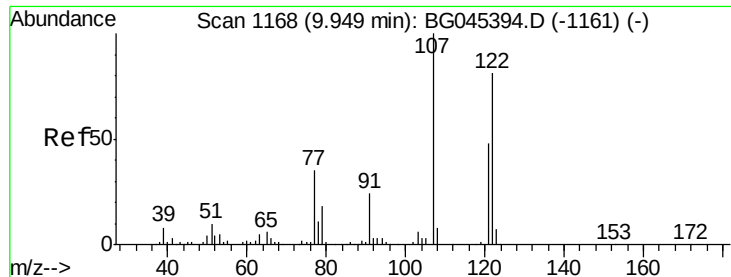
109 43.8 32.2 48.4

65 65.0 49.6 74.4



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

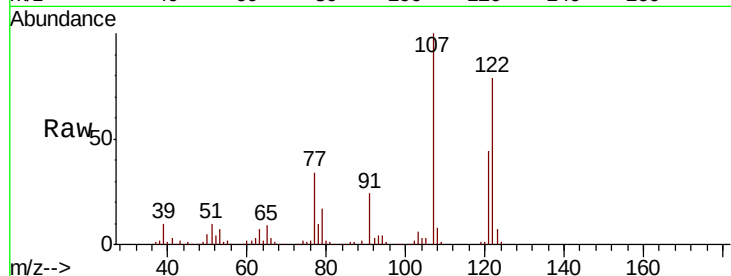




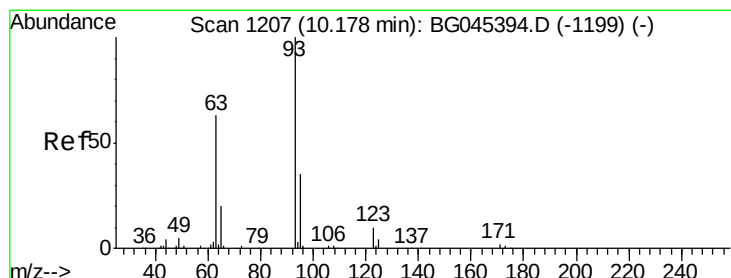
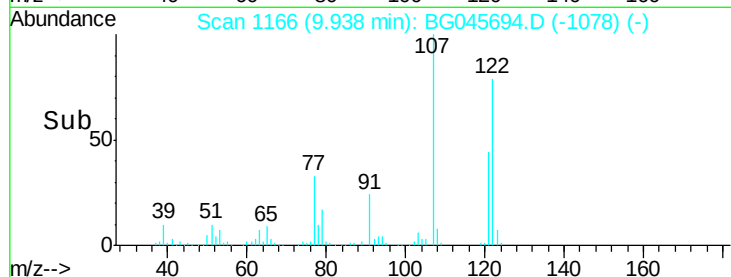
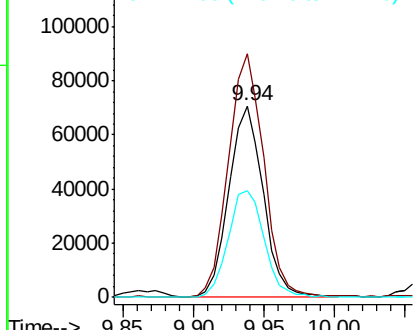
#27
 2,4-Dimethylphenol
 Concen: 49.115 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG045694.D
 Acq: 10 Jun 2020 16:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 120084
 Ion Ratio Lower Upper
 122 100
 107 127.0 99.0 148.4
 121 55.5 47.7 71.5

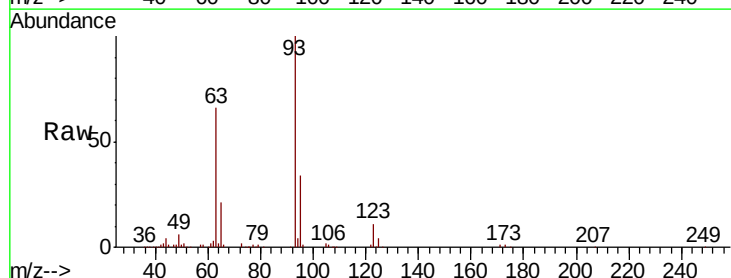


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

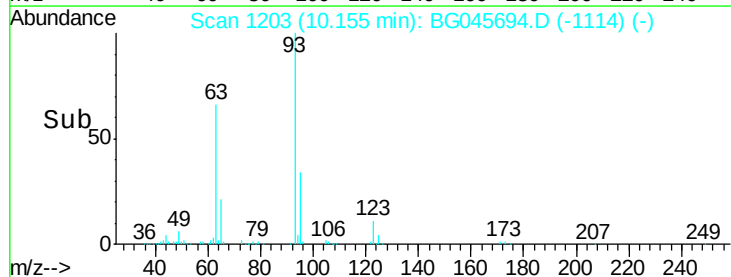
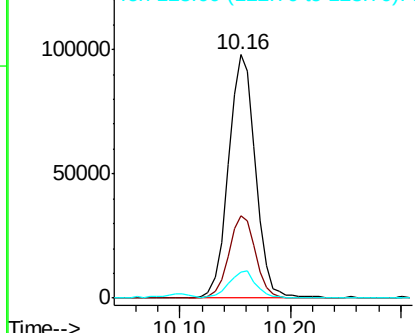


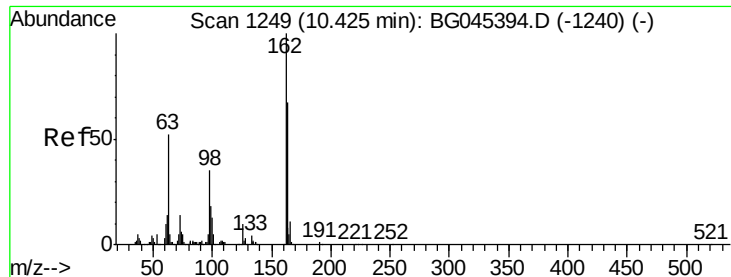
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.178 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BG045694.D
 Acq: 10 Jun 2020 16:33

Tgt Ion: 93 Resp: 167826
 Ion Ratio Lower Upper
 93 100
 95 33.9 27.6 41.4
 123 10.6 8.1 12.1



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





#29

2,4-Dichlorophenol

Concen: 47.694 ng

RT: 10.41 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampleId :

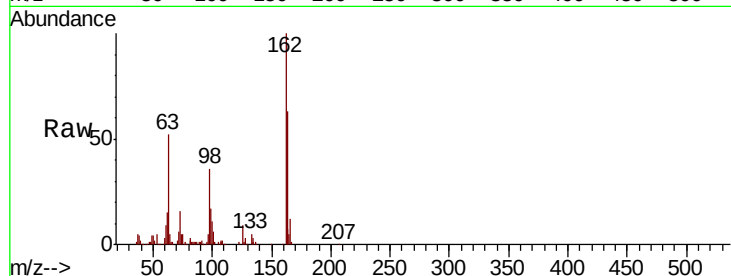
Tot Ion:162 Resp: 137701

Ion Ratio Lower Upper

162 100

164 63.1 46.8 86.8

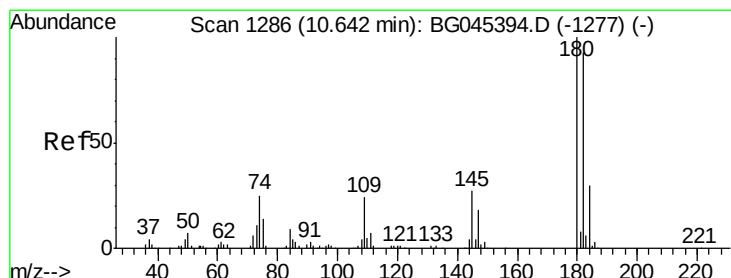
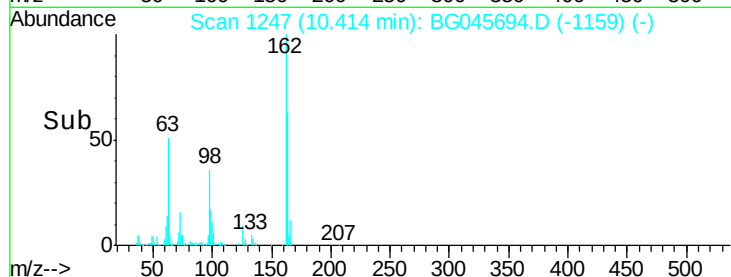
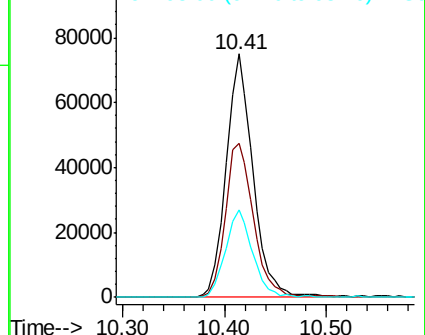
98 35.8 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 42.935 ng

RT: 10.62 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

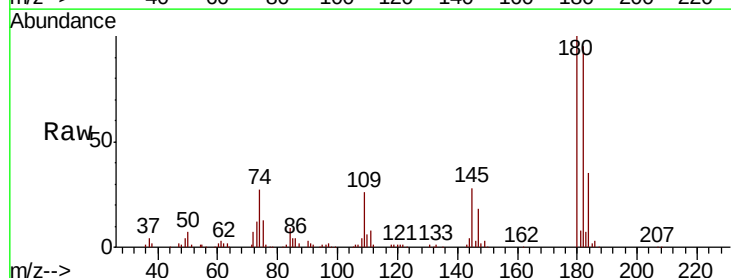
Tgt Ion:180 Resp: 146479

Ion Ratio Lower Upper

180 100

182 95.0 74.8 112.2

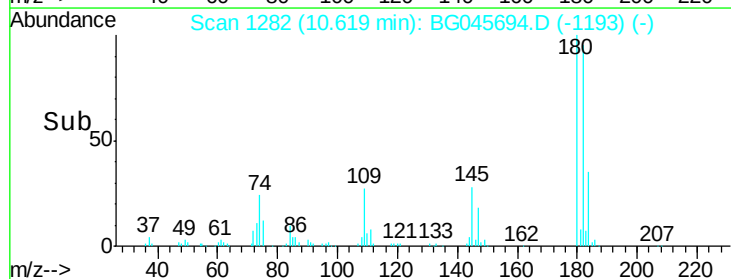
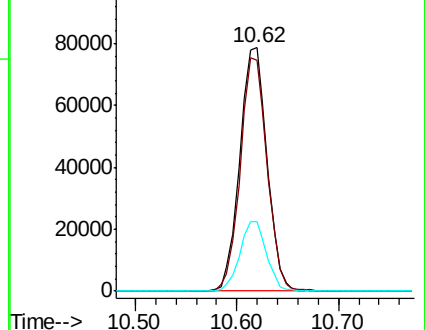
145 28.3 21.9 32.9

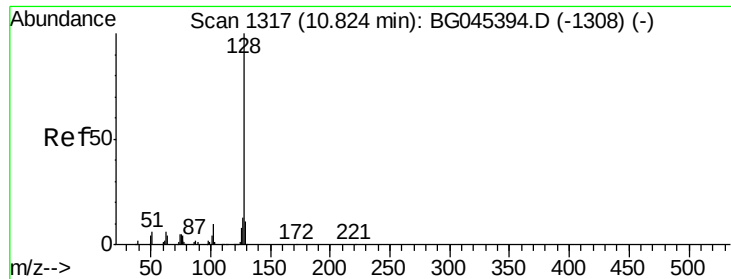


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

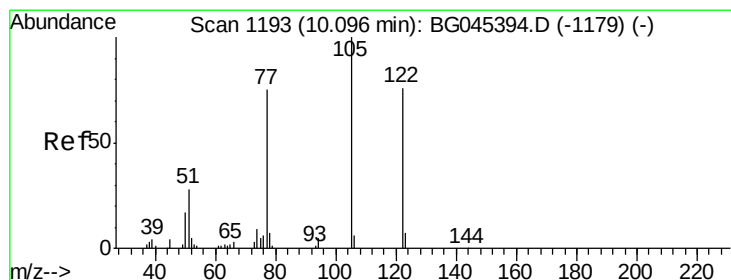
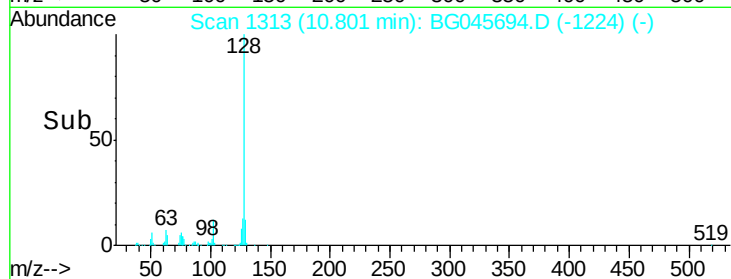
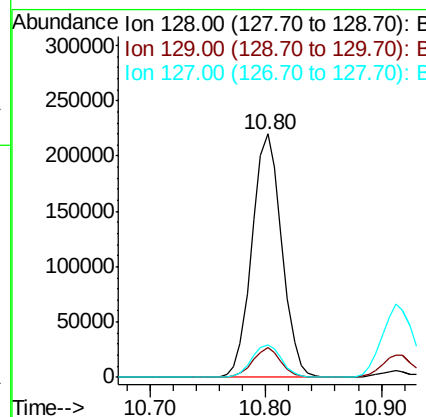
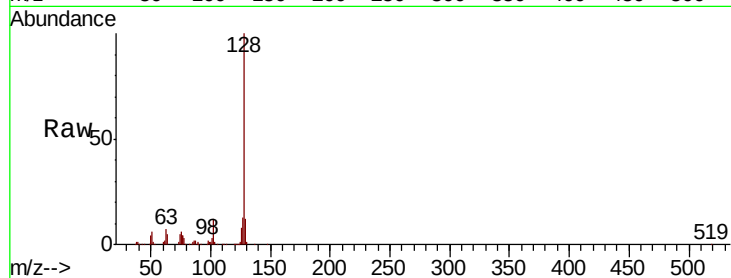




#31
Naphthalene
Concen: 43.363 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

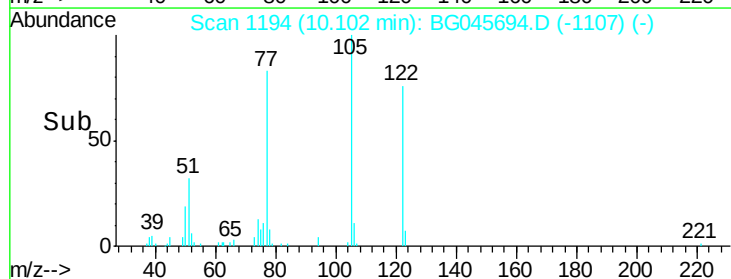
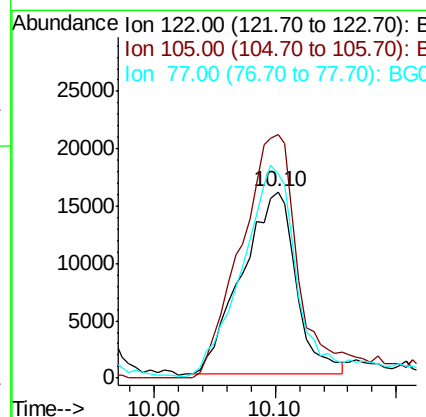
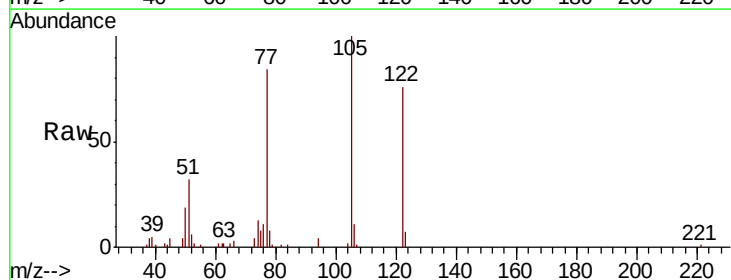
Instrument :
BNA_G
ClientSampleId :

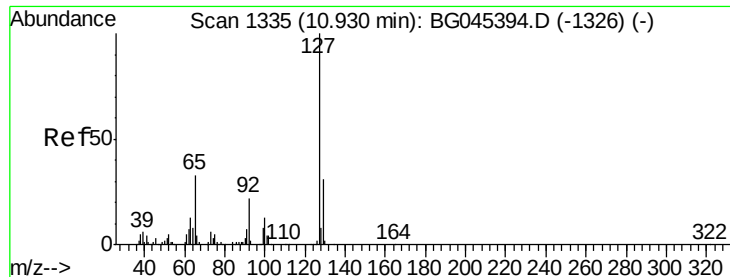
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.0	13.6
127	13.4	10.7	16.1



#32
Benzoic acid
Concen: 33.750 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.8	107.9	147.9
77	109.4	78.9	118.9

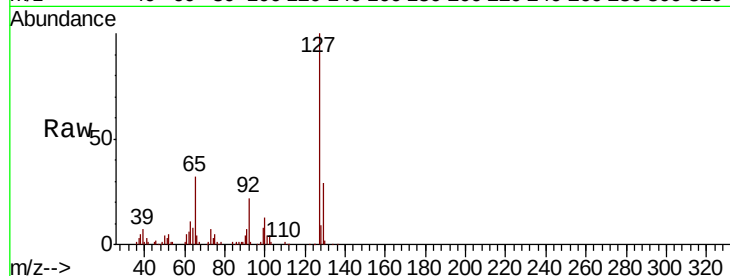




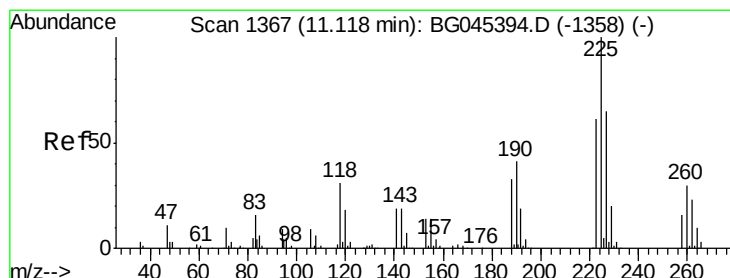
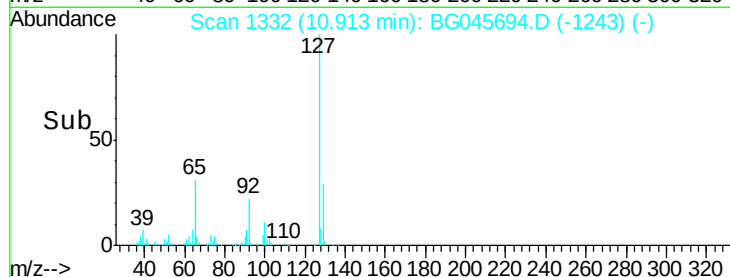
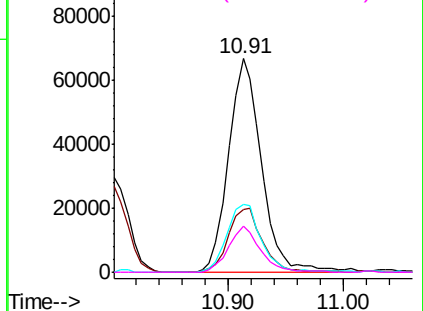
#33
4-Chloroaniline
Concen: 34.359 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	131269
Ion	Ratio	Lower	Upper
127	100		
129	29.5	24.7	37.1
65	31.5	26.2	39.2
92	21.6	17.9	26.9

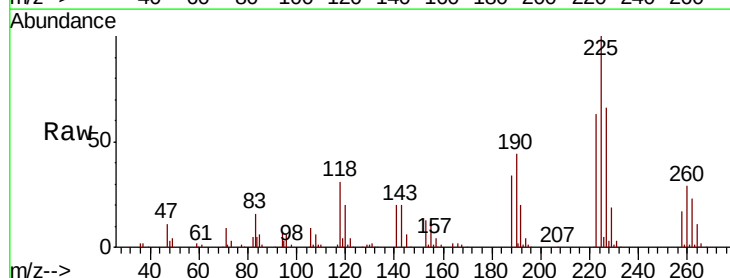


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

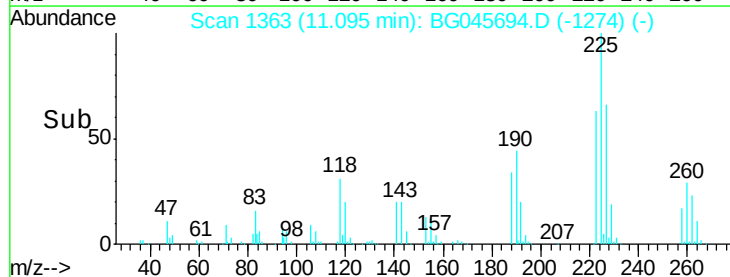
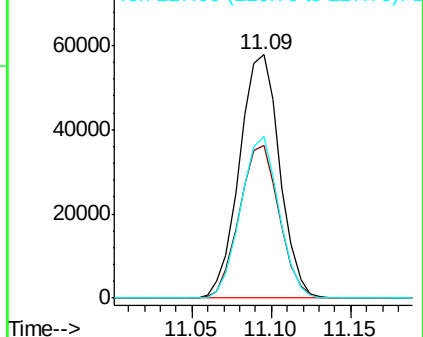


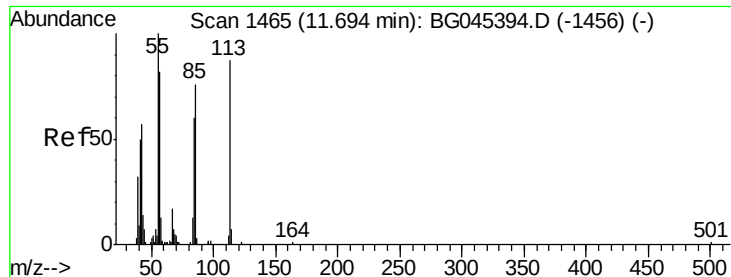
#34
Hexachlorobutadiene
Concen: 42.141 ng
RT: 11.09 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Tgt Ion:	225	Resp:	101627
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.1	73.7
227	66.2	52.0	78.0



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

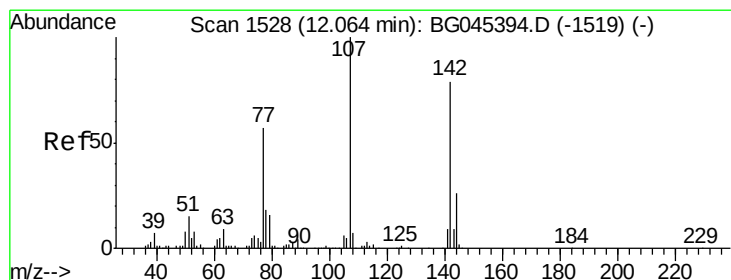
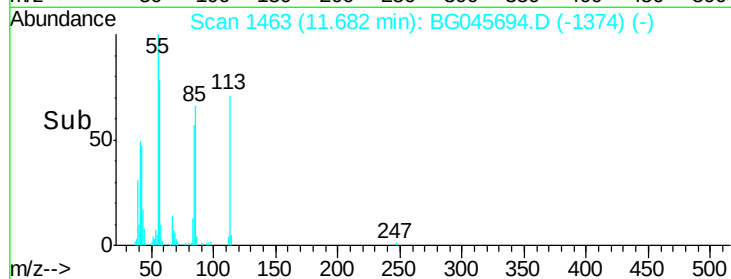
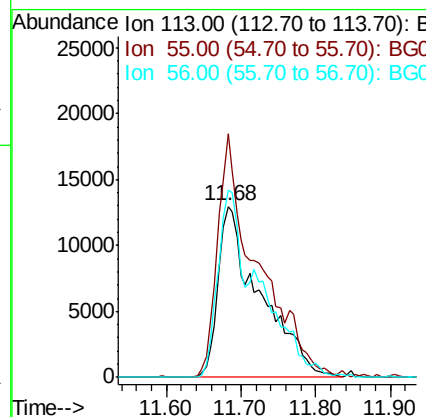
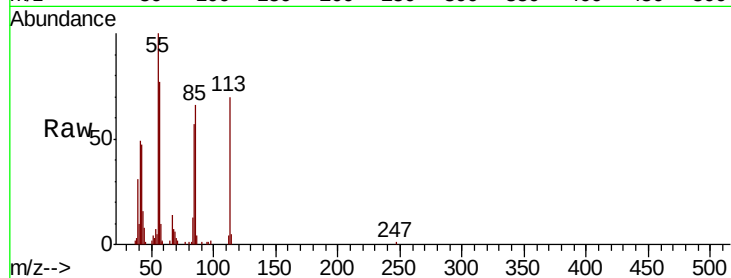




#35
Caprolactam
Concen: 47.696 ng
RT: 11.68 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

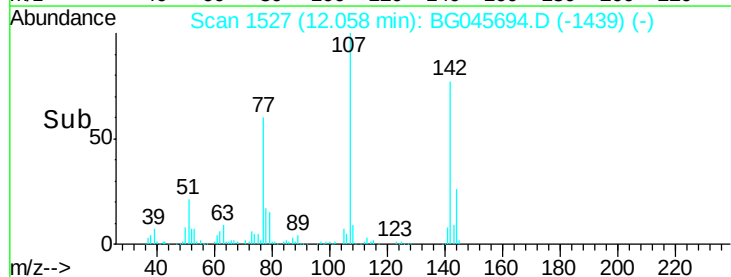
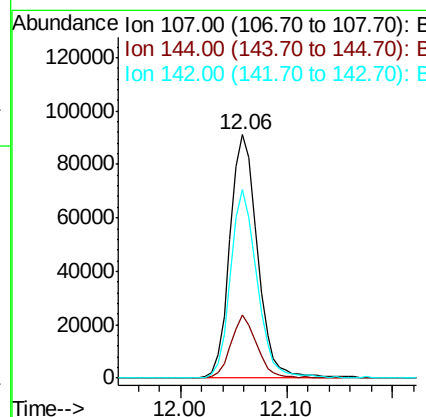
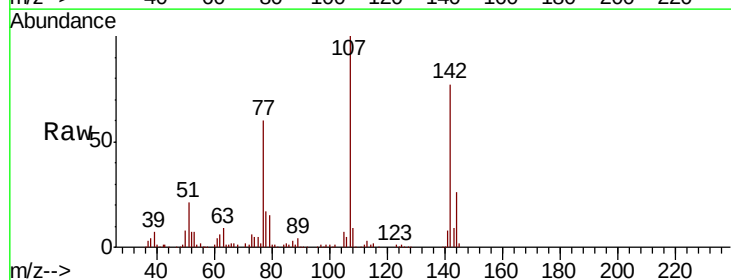
Instrument :
BNA_G
ClientSampleId :

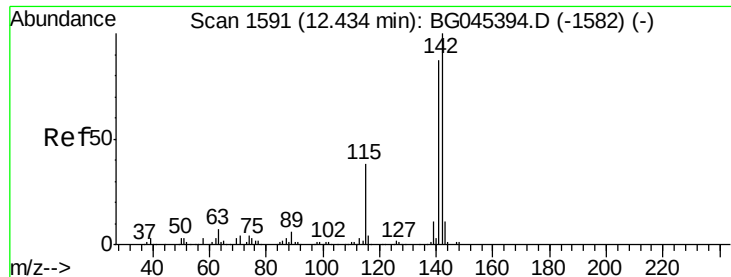
Tot Ion:113 Resp: 50546
Ion Ratio Lower Upper
113 100
55 142.2 96.0 136.0#
56 109.2 75.1 115.1



#36
4-Chloro-3-methylphenol
Concen: 50.505 ng
RT: 12.06 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Tgt Ion:107 Resp: 164312
Ion Ratio Lower Upper
107 100
144 25.8 20.8 31.2
142 77.4 62.8 94.2

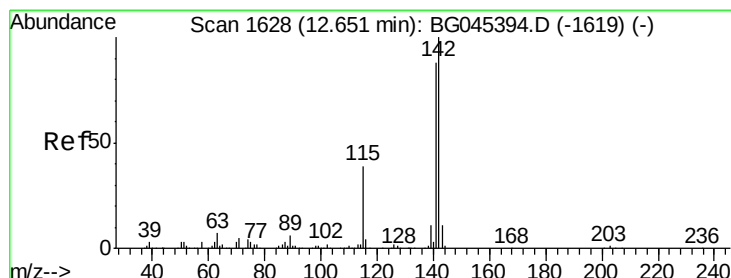
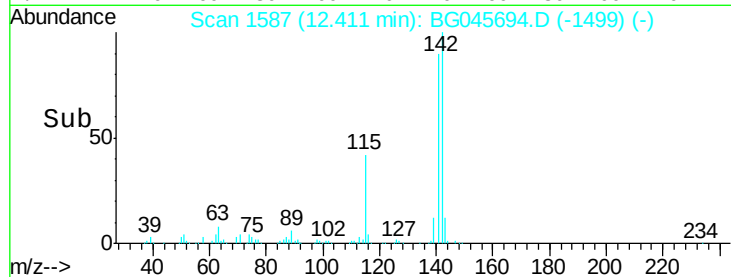
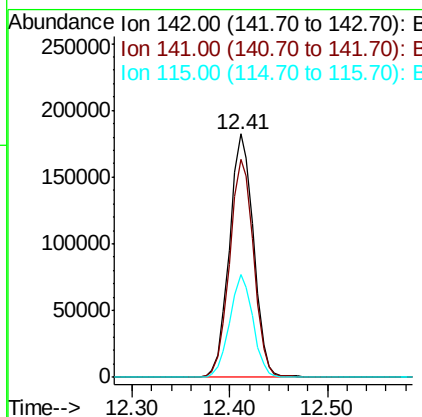
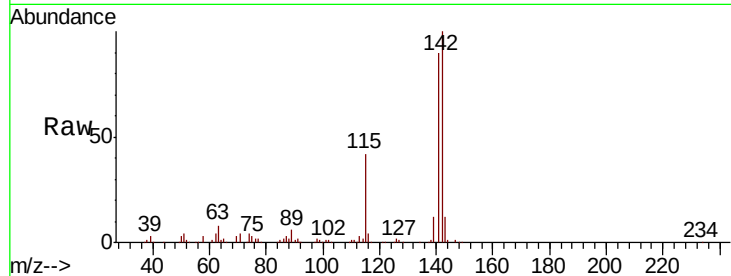




#37
2-Methylnaphthalene
Concen: 45.980 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

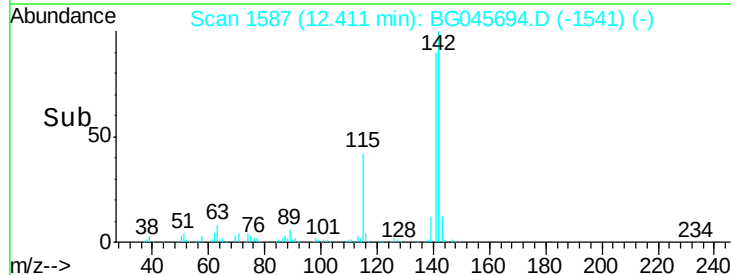
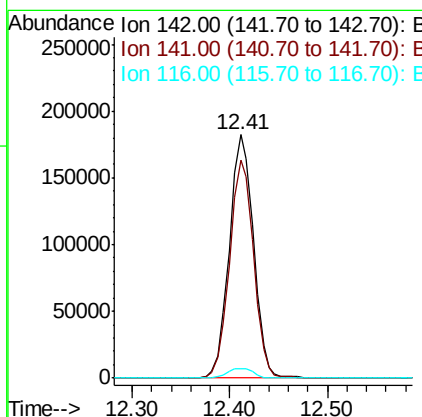
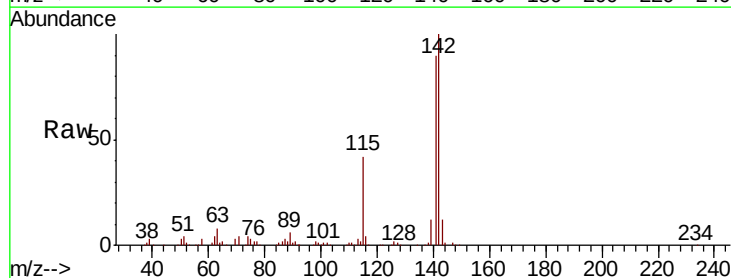
Instrument :
BNA_G
ClientSampleId :

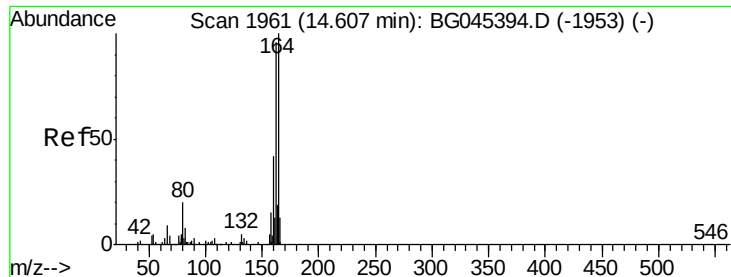
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.0	105.0
115	42.2	30.8	46.2



#38
1-Methylnaphthalene
Concen: 48.676 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.23 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
116	4.0	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampleId :

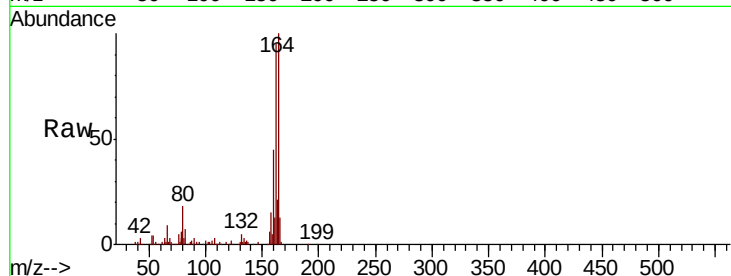
Tot Ion:164 Resp: 150729

Ion Ratio Lower Upper

164 100

162 94.9 76.9 115.3

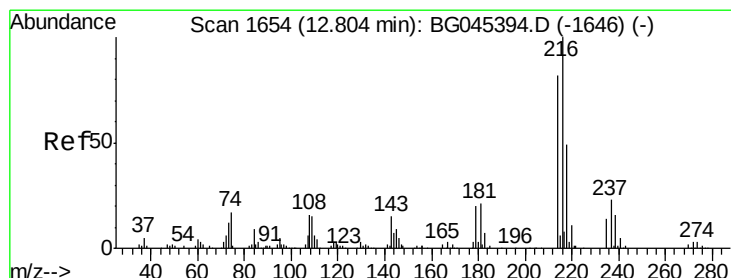
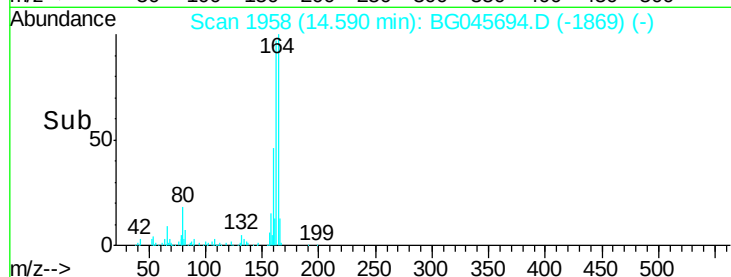
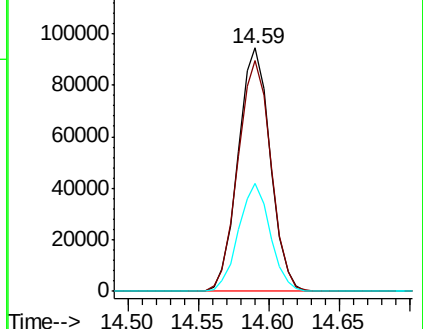
160 44.5 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.175 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Tgt Ion:216 Resp: 177561

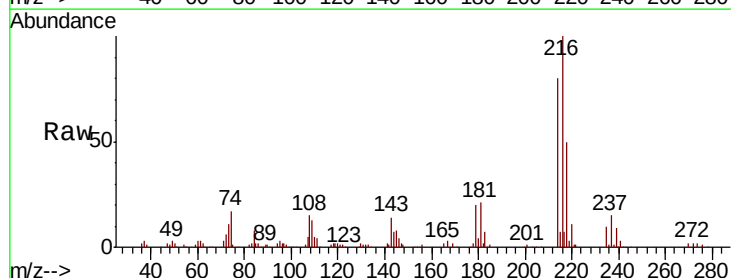
Ion Ratio Lower Upper

216 100

214 76.9 63.7 95.5

179 19.2 16.1 24.1

108 19.0 13.8 20.6

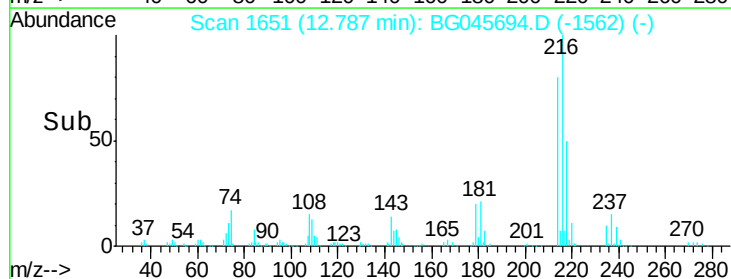
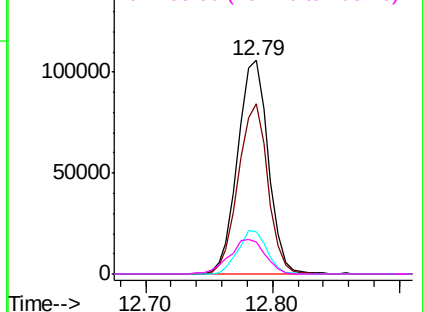


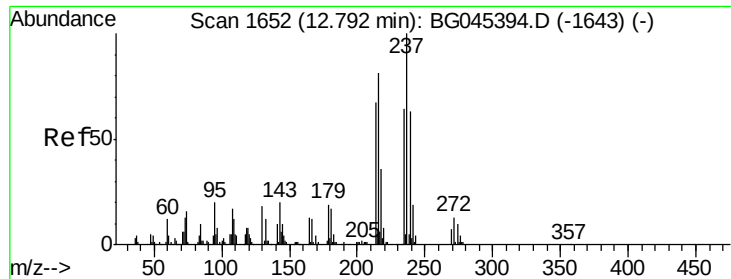
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.126 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampleId :

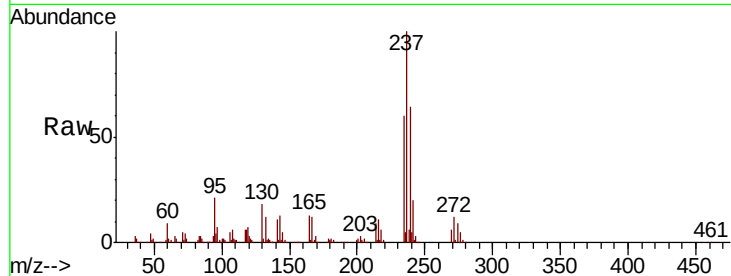
Tot Ion:237 Resp: 211716

Ion Ratio Lower Upper

237 100

235 60.5 44.4 84.4

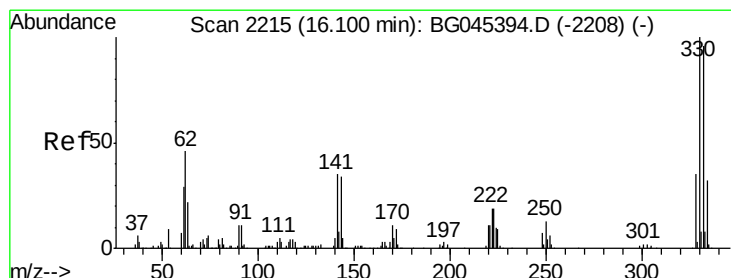
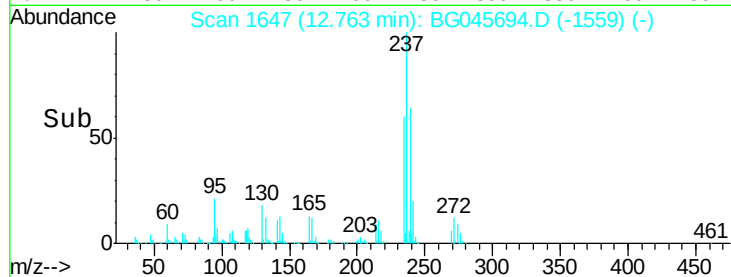
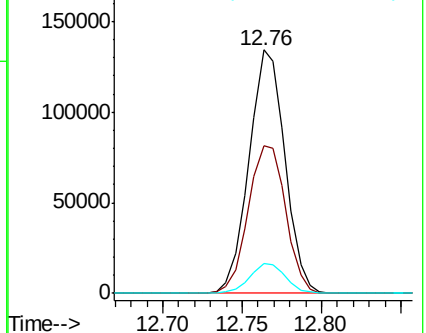
272 12.5 0.0 32.5



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: 131.870 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

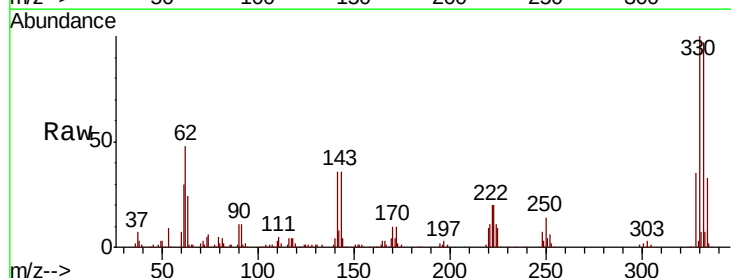
Tgt Ion:330 Resp: 254200

Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.4

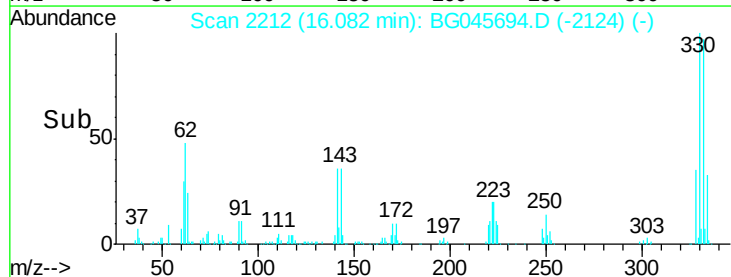
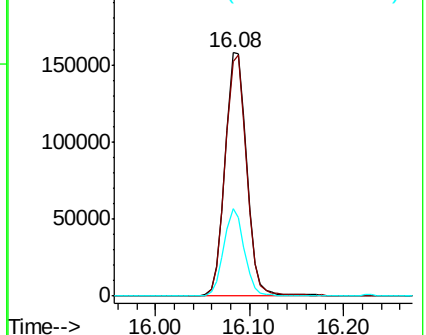
141 34.3 28.2 42.4

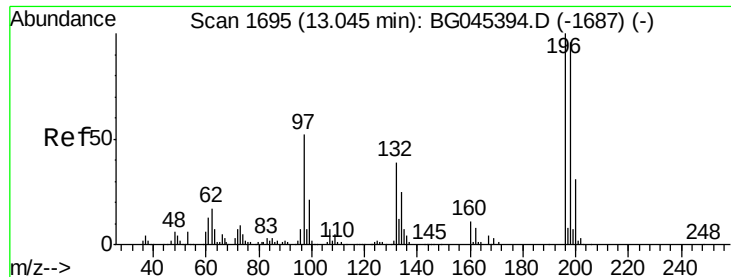


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

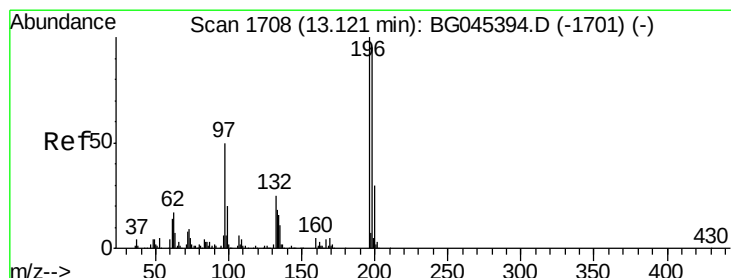
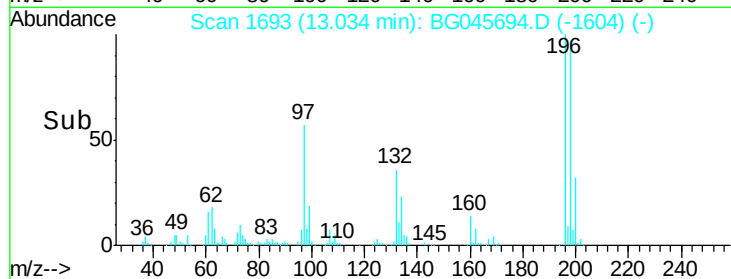
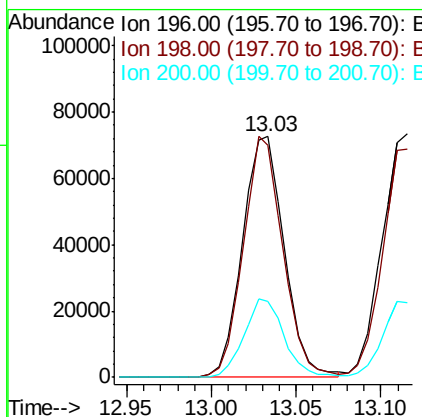
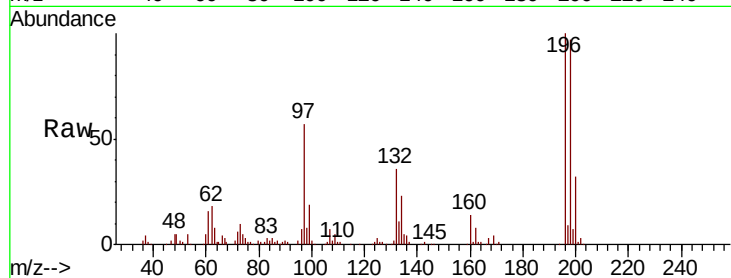




#43
 2,4,6-Trichlorophenol
 Concen: 42.582 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG045694.D
 Acq: 10 Jun 2020 16:33

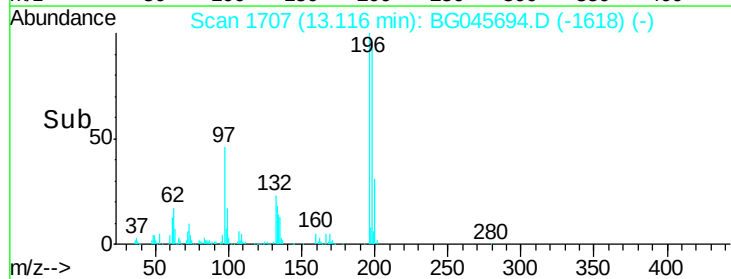
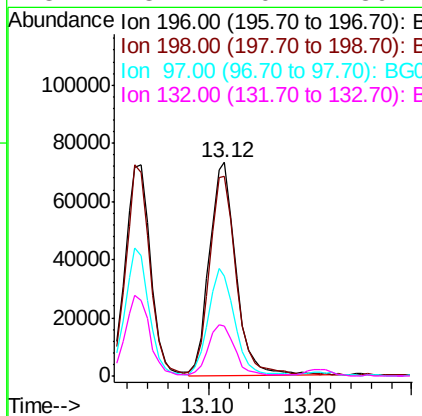
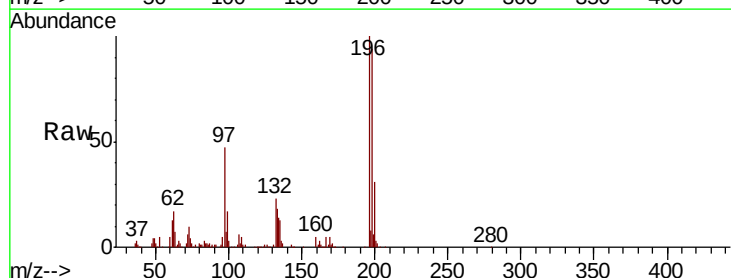
Instrument :
 BNA_G
 ClientSampleId :

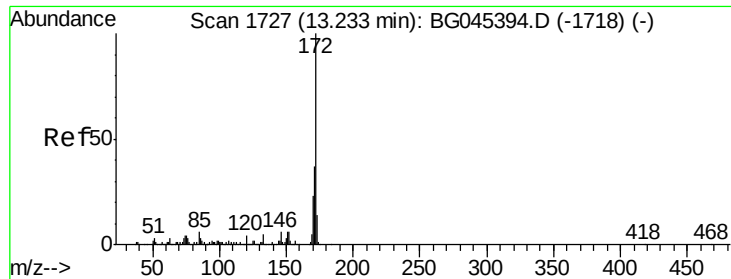
Tot Ion:196	Resp:	124534
Ion	Ratio	Lower Upper
196	100	
198	96.6	76.7 115.1
200	31.5	24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.907 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG045694.D
 Acq: 10 Jun 2020 16:33

Tgt Ion:196	Resp:	133370
Ion	Ratio	Lower Upper
196	100	
198	93.6	76.1 114.1
97	46.6	40.0 60.0
132	23.1	20.2 30.2

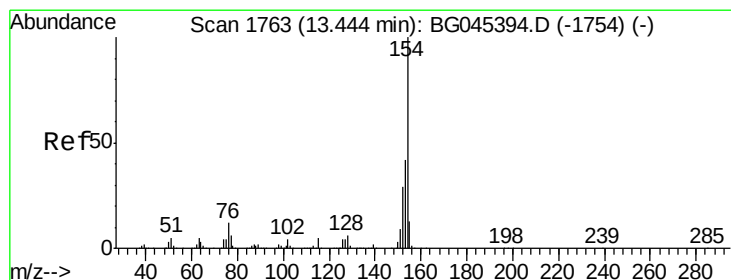
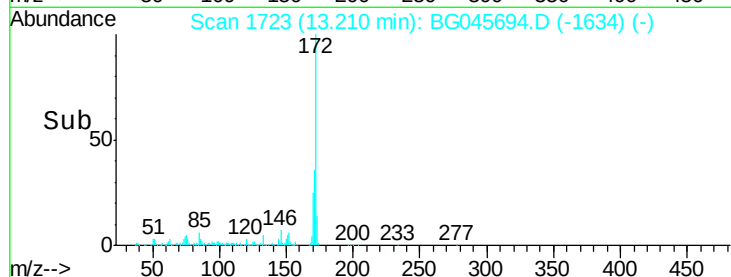
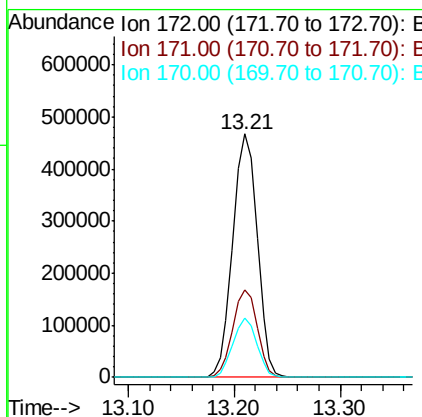
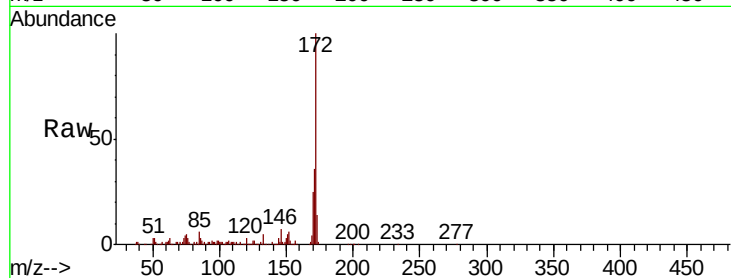




#45
2-Fluorobiphenyl
Concen: 84.312 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

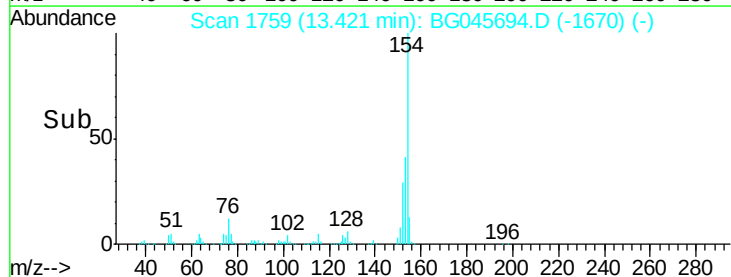
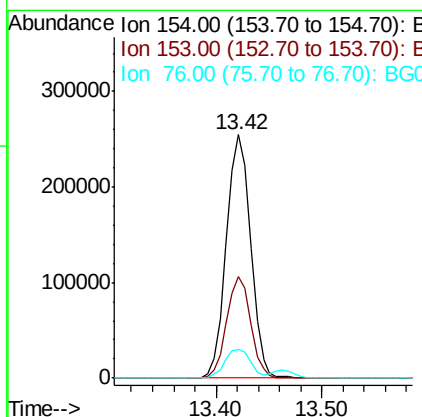
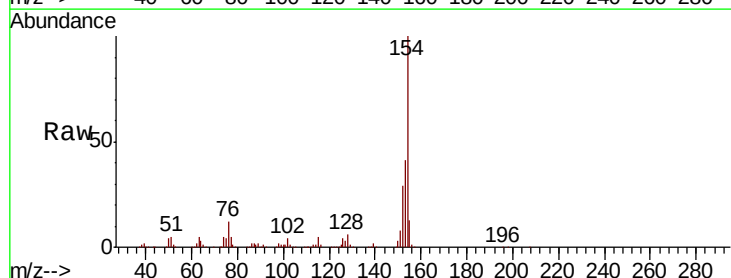
Instrument :
BNA_G
ClientSampleId :

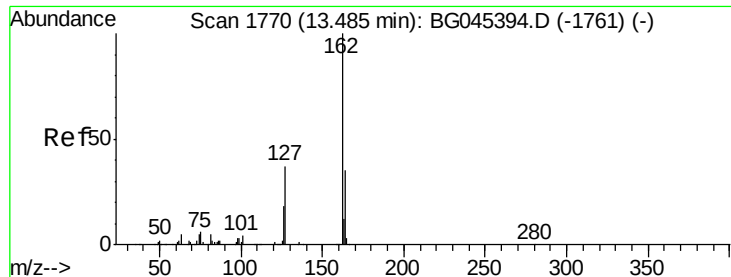
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.5	44.3
170	24.6	18.5	27.7



#46
1,1'-Biphenyl
Concen: 43.780 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.2	62.2
76	11.8	0.0	32.4





#47

2-Chloronaphthalene

Concen: 42.232 ng

RT: 13.46 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampled :

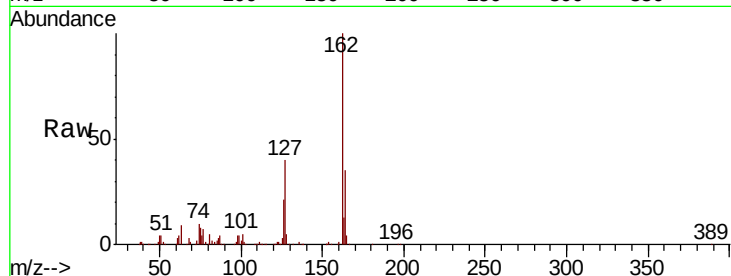
Tot Ion:162 Resp: 317620

Ion Ratio Lower Upper

162 100

127 40.2 31.6 47.4

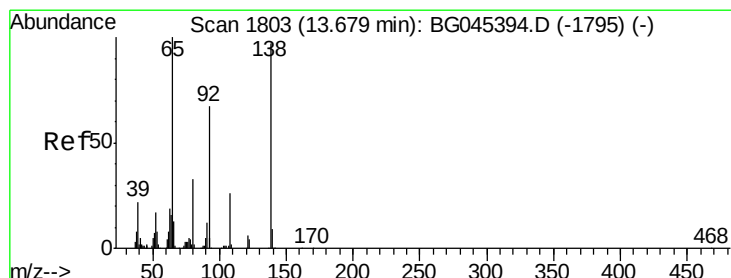
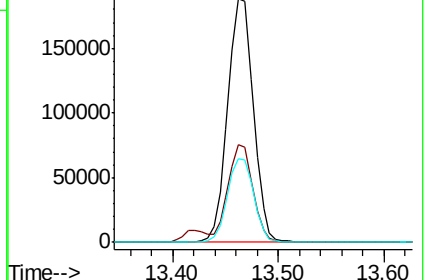
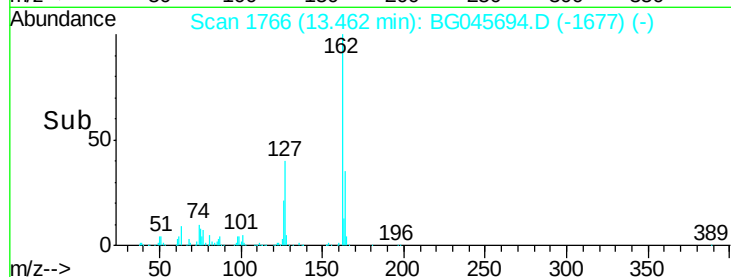
164 34.5 28.1 42.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.816 ng

RT: 13.67 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

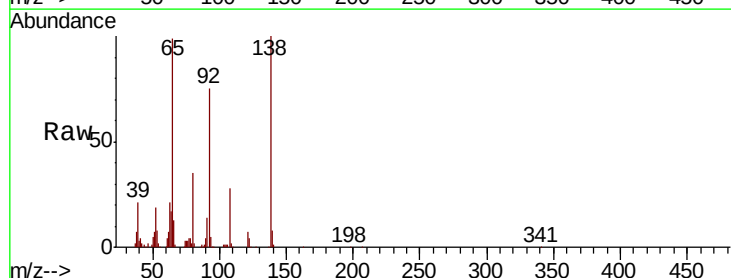
Tgt Ion: 65 Resp: 108398

Ion Ratio Lower Upper

65 100

92 75.6 53.8 80.8

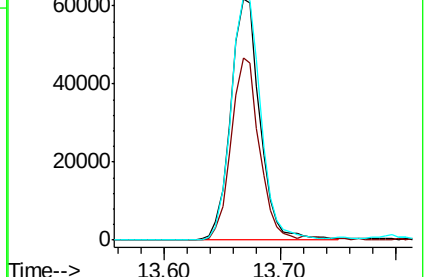
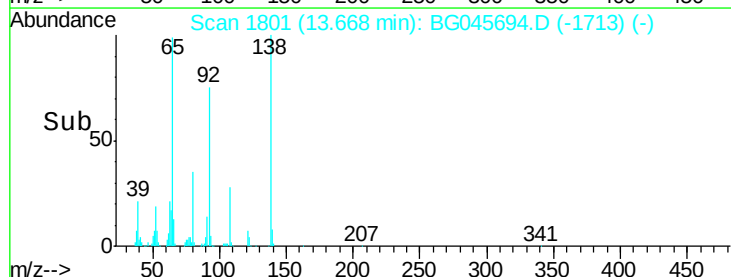
138 100.8 77.9 116.9

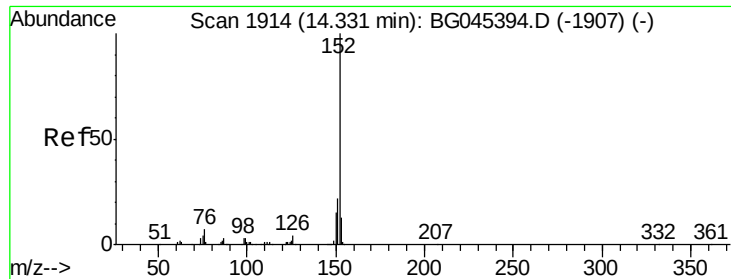


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC





#49

Acenaphthylene

Concen: 43.694 ng

RT: 14.31 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampleId :

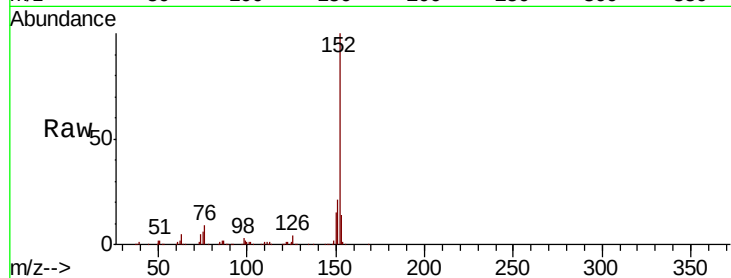
Tot Ion:152 Resp: 527839

Ion Ratio Lower Upper

152 100

151 21.3 17.4 26.2

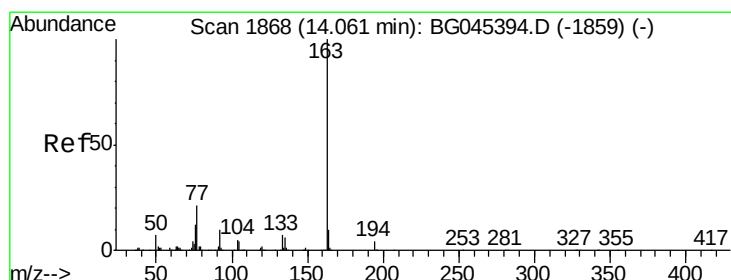
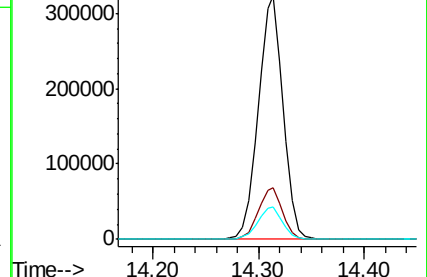
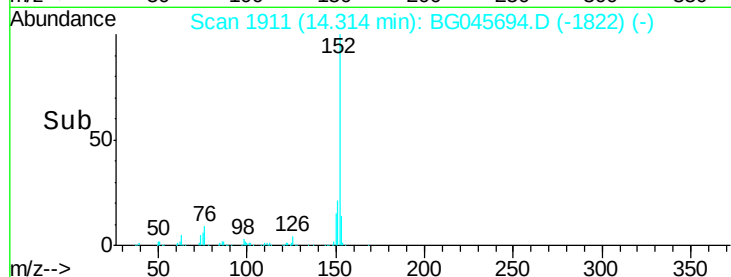
153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.433 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

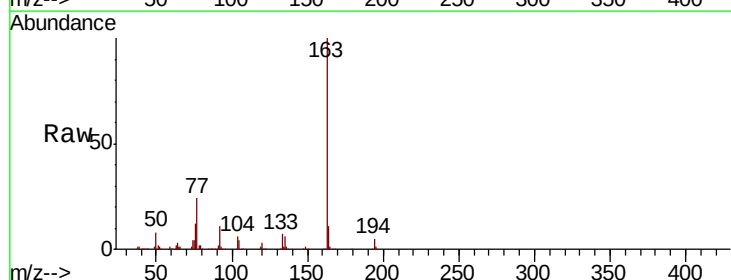
Tgt Ion:163 Resp: 459431

Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

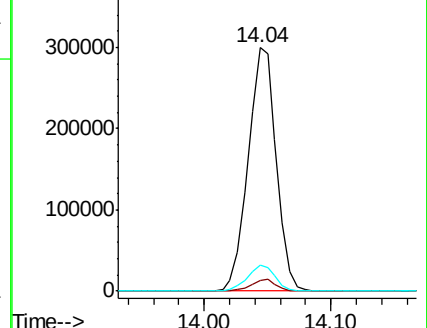
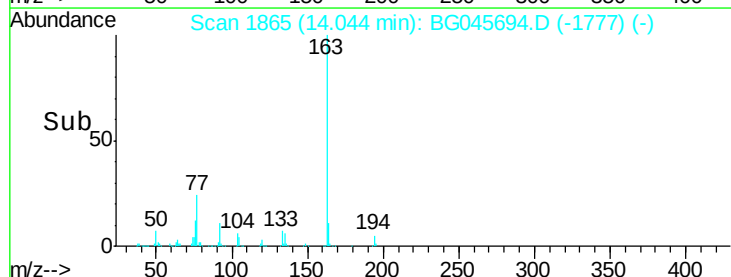
164 10.9 8.3 12.5

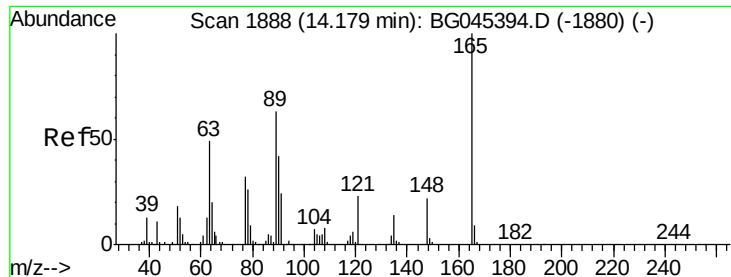


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

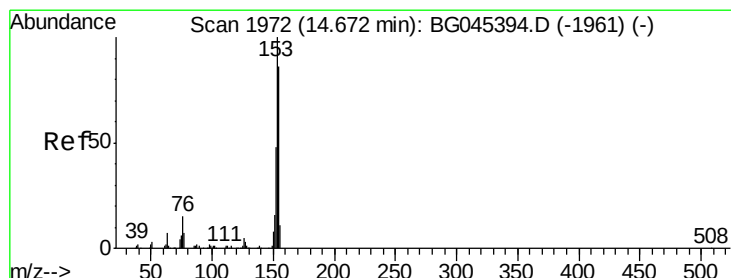
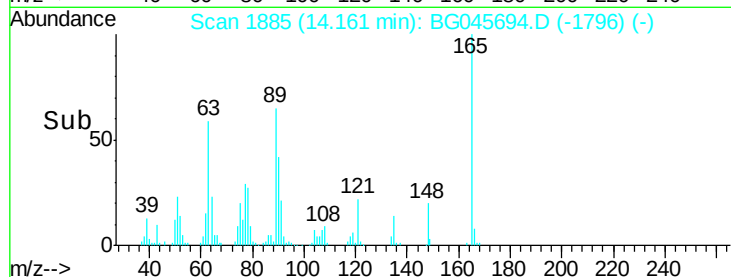
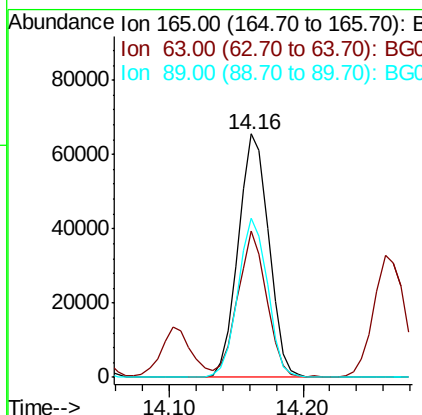
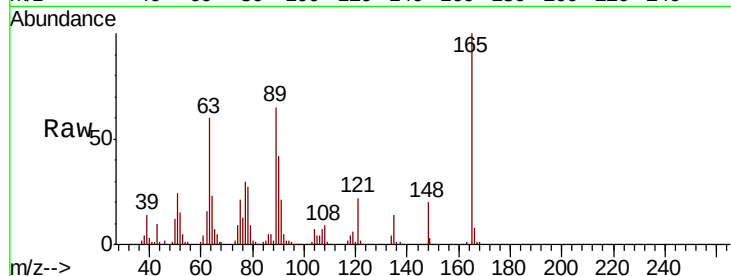




#51
 2,6-Dinitrotoluene
 Concen: 44.600 ng
 RT: 14.16 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BG045694.D
 Acq: 10 Jun 2020 16:33

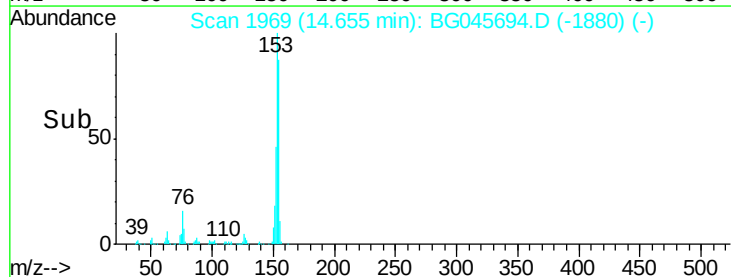
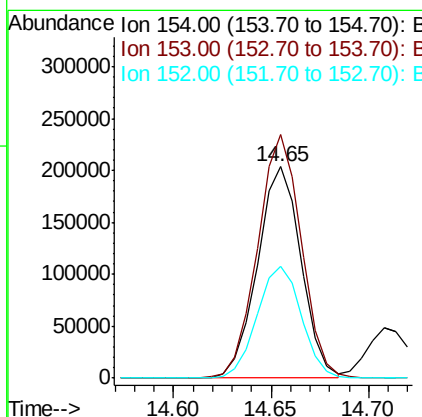
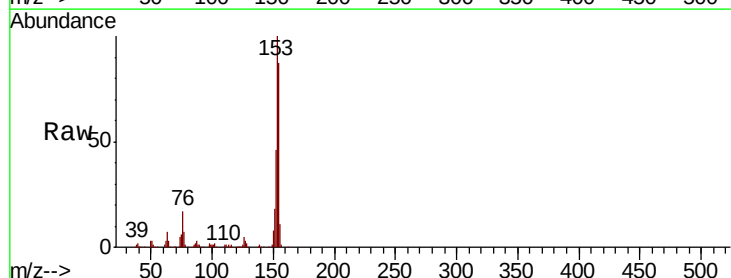
Instrument :
 BNA_G
 ClientSampleId :

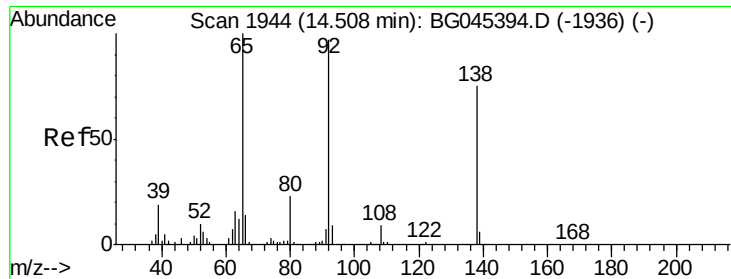
Tot Ion:165 Resp: 104060
 Ion Ratio Lower Upper
 165 100
 63 60.1 45.0 67.4
 89 65.3 50.2 75.4



#52
 Acenaphthene
 Concen: 38.856 ng
 RT: 14.65 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG045694.D
 Acq: 10 Jun 2020 16:33

Tgt Ion:154 Resp: 314200
 Ion Ratio Lower Upper
 154 100
 153 115.1 92.8 139.2
 152 53.0 44.6 66.8

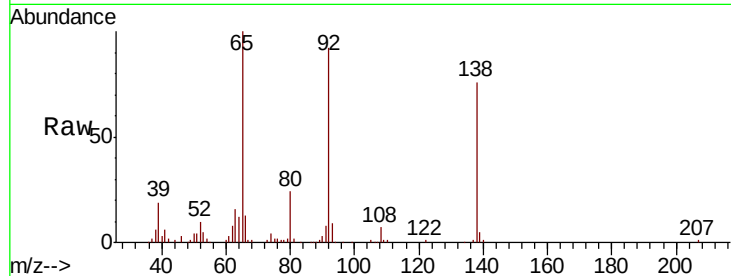




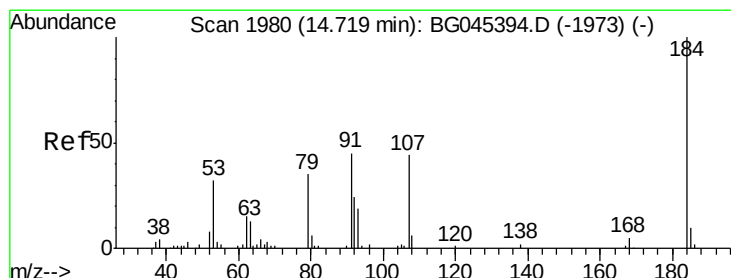
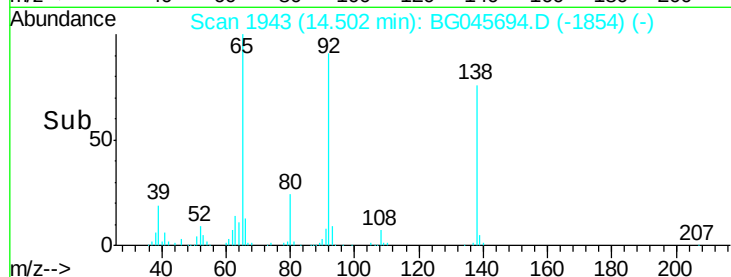
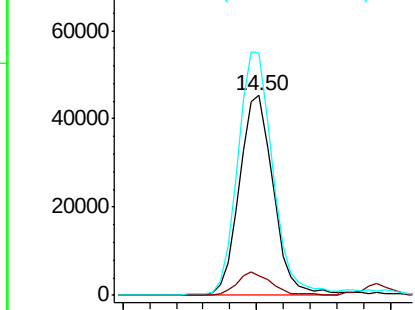
#53
3-Nitroaniline
Concen: 33.727 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 79994
Ion Ratio Lower Upper
138 100
108 9.8 9.8 14.6
92 121.5 103.0 154.4

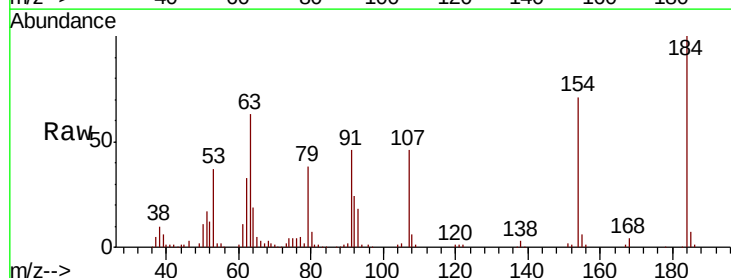


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

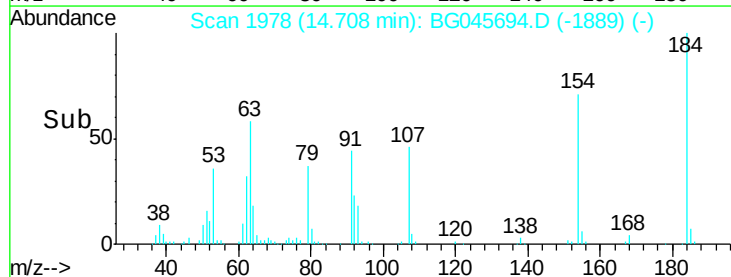
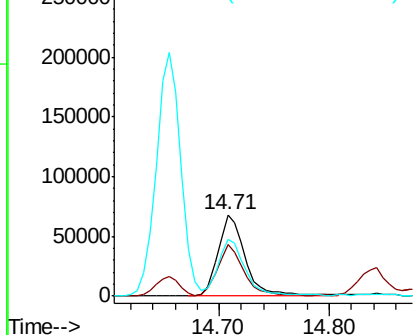


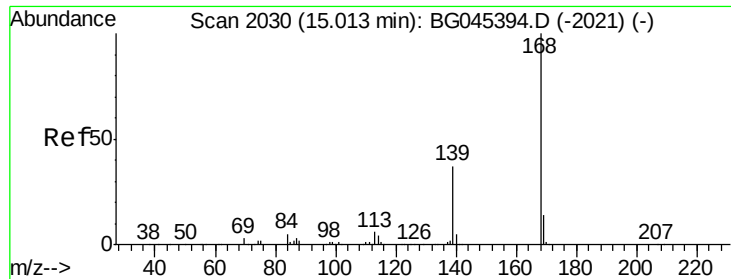
#54
2,4-Dinitrophenol
Concen: 77.136 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Tgt Ion:184 Resp: 117574
Ion Ratio Lower Upper
184 100
63 63.2 47.8 71.6
154 70.5 58.3 87.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

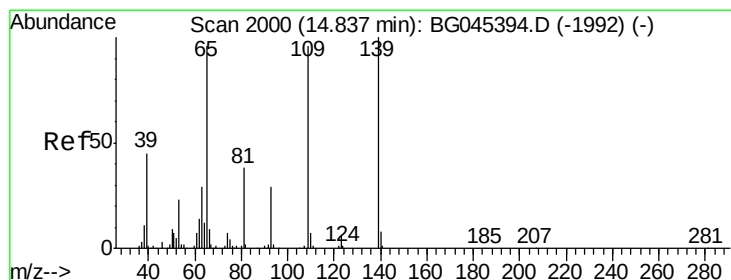
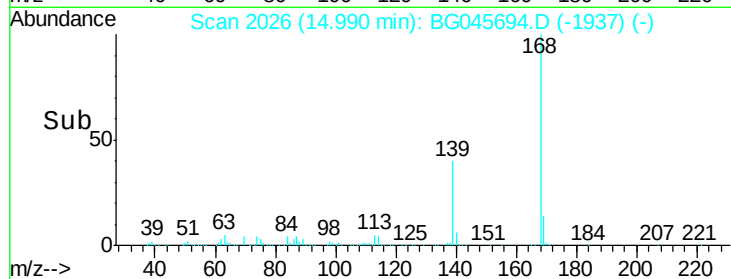
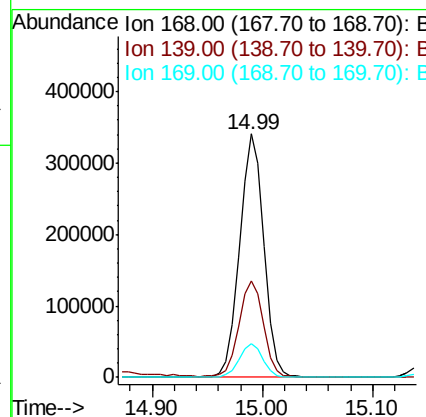
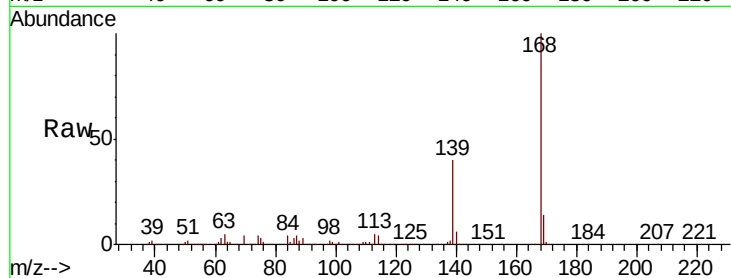




#55
Dibenzofuran
Concen: 43.682 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

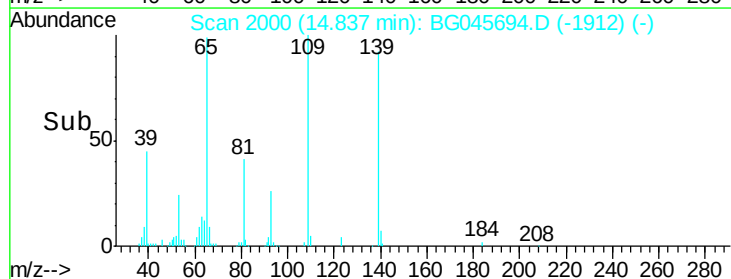
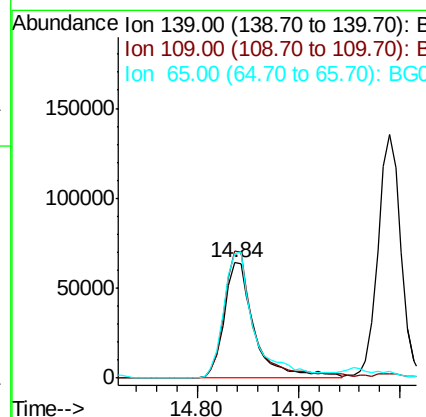
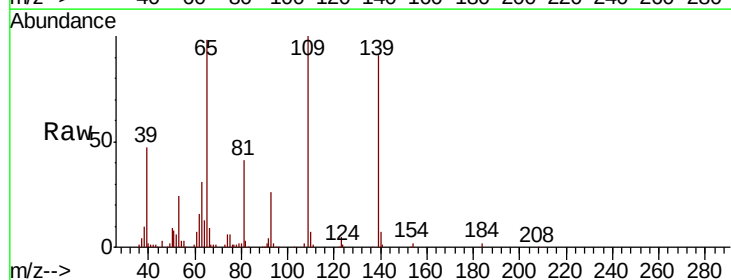
Instrument :
BNA_G
ClientSampled :

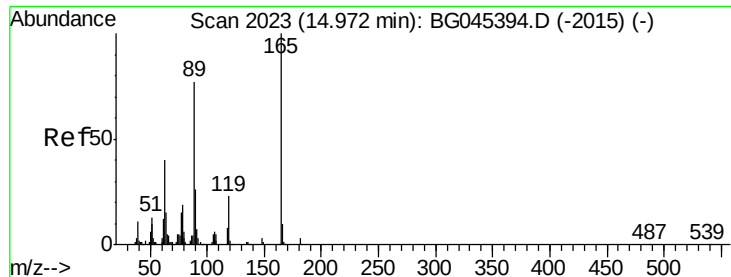
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	29.9	44.9
169	13.9	10.9	16.3



#56
4-Nitrophenol
Concen: 74.915 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	110.1	75.6	115.6
65	107.8	76.8	116.8





#57

2,4-Dinitrotoluene

Concen: 43.911 ng

RT: 14.96 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampled :

Tot Ion:165 Resp: 148380

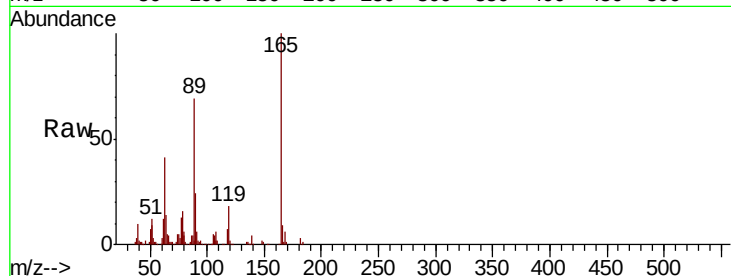
Ion Ratio Lower Upper

165 100

63 41.4 32.5 48.7

89 69.1 61.8 92.6

182 2.6 2.3 3.5

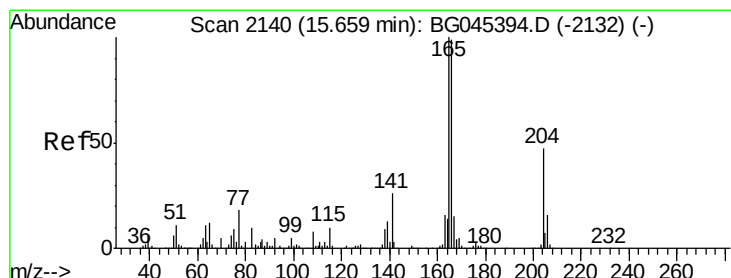
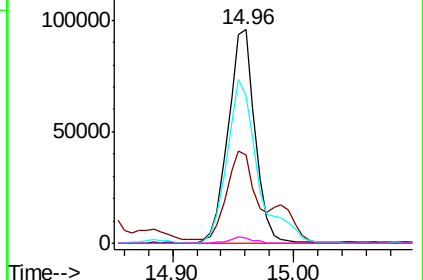
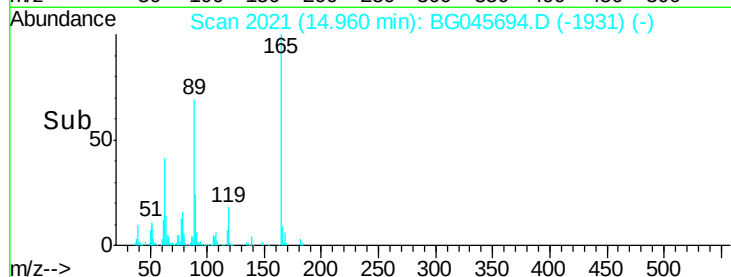


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.210 ng

RT: 15.64 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

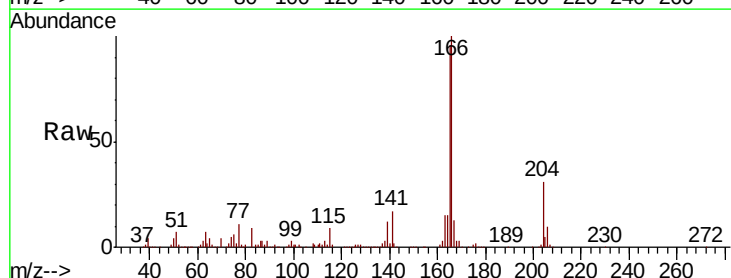
Tgt Ion:166 Resp: 446018

Ion Ratio Lower Upper

166 100

165 95.7 80.8 121.2

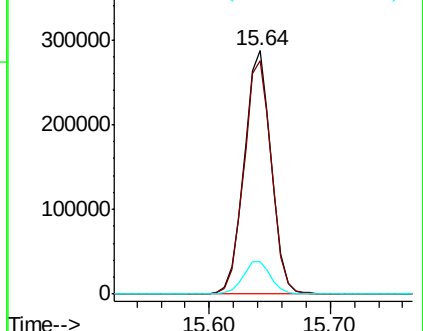
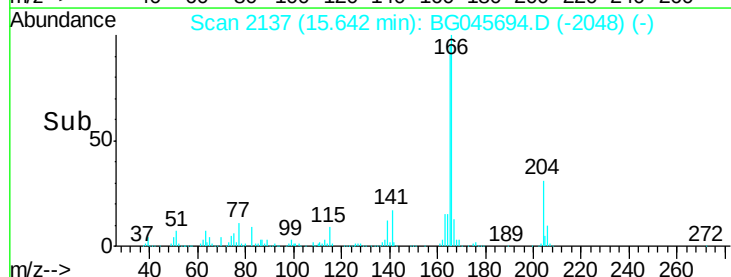
167 13.3 12.0 18.0

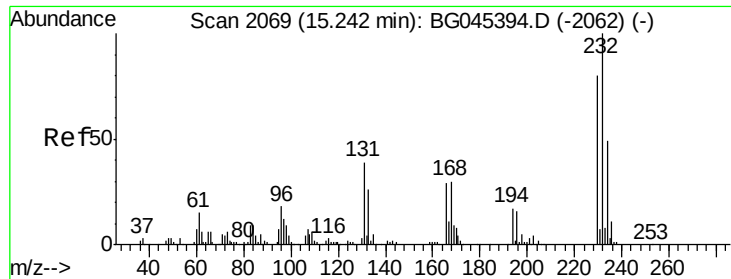


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

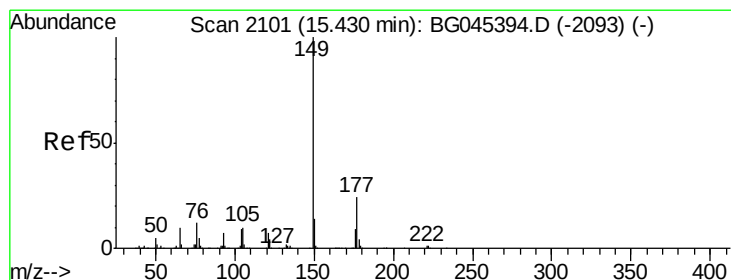
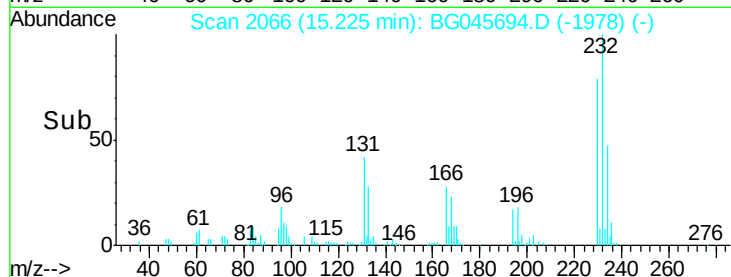
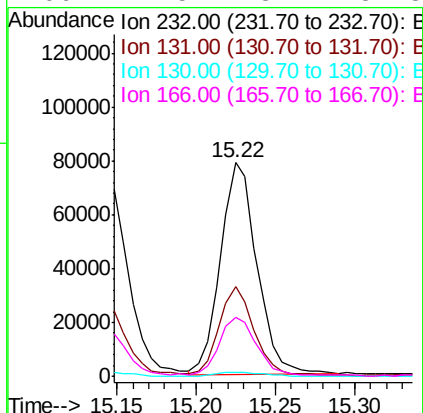
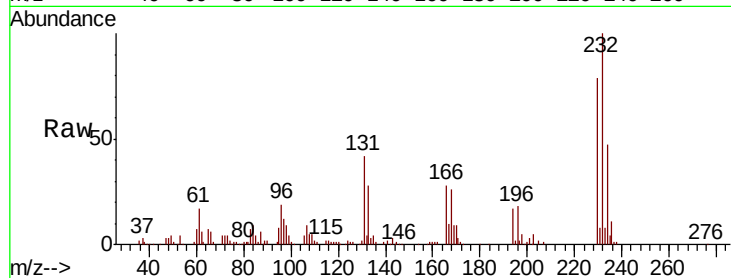




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.824 ng
 RT: 15.22 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BG045694.D
 Acq: 10 Jun 2020 16:33

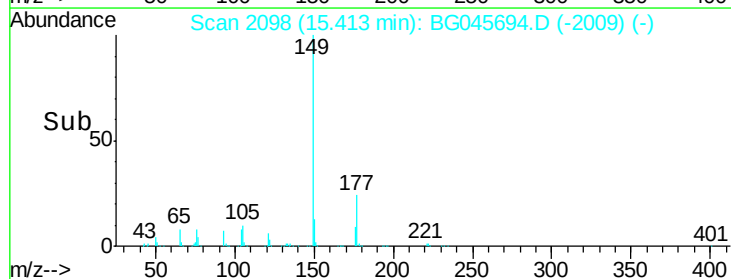
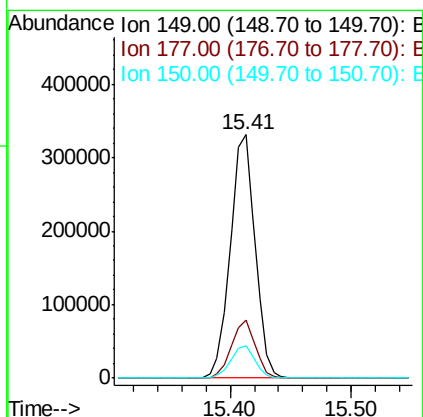
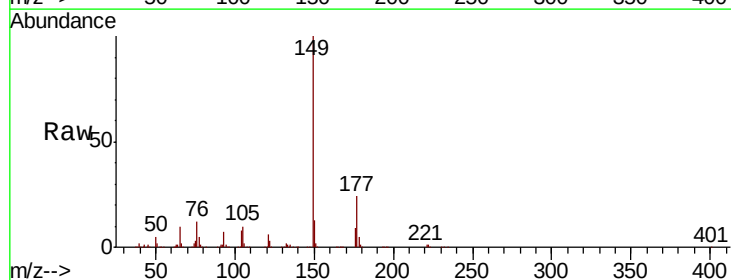
Instrument :
 BNA_G
 ClientSampleId :

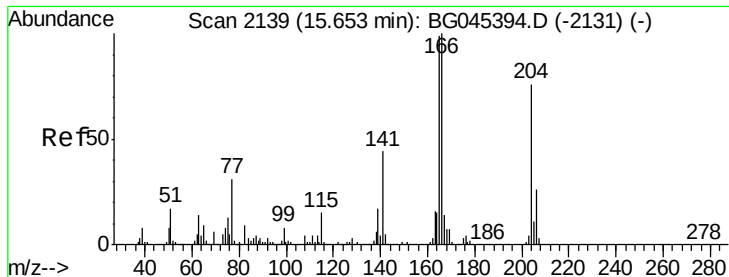
Tot Ion:232	Resp:	125913
Ion	Ratio	Lower Upper
232	100	
131	40.9	33.7 50.5
130	2.5	2.1 3.1
166	27.5	23.2 34.8



#60
 Diethylphthalate
 Concen: 43.982 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG045694.D
 Acq: 10 Jun 2020 16:33

Tgt Ion:149	Resp:	473335
Ion	Ratio	Lower Upper
149	100	
177	23.6	19.0 28.4
150	13.2	11.4 17.0





#61

4-Chlorophenyl-phenylether

Concen: 43.749 ng

RT: 15.63 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampled :

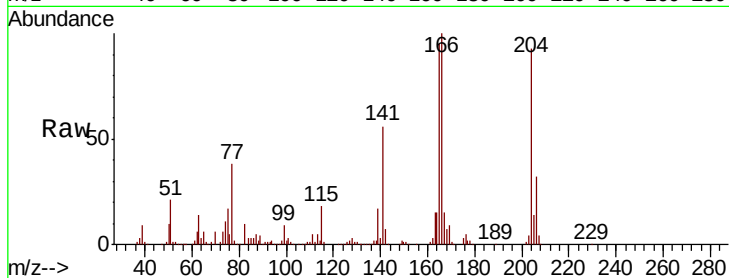
Tot Ion:204 Resp: 246979

Ion Ratio Lower Upper

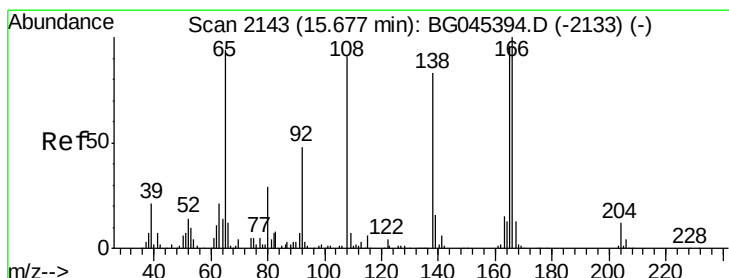
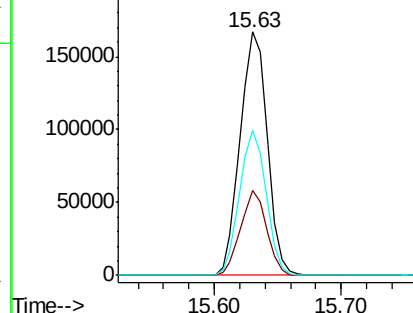
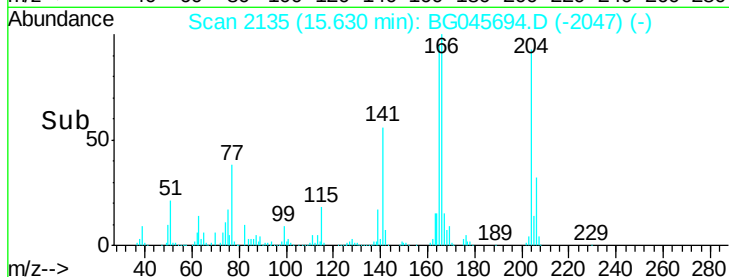
204 100

206 34.7 27.3 40.9

141 59.8 45.9 68.9



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



#62

4-Nitroaniline

Concen: 41.916 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

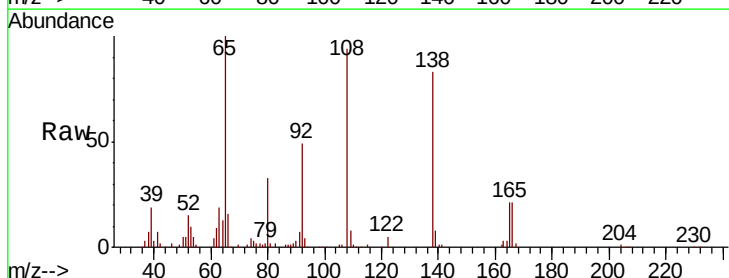
Tgt Ion:138 Resp: 103786

Ion Ratio Lower Upper

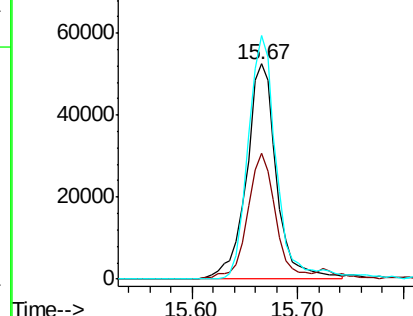
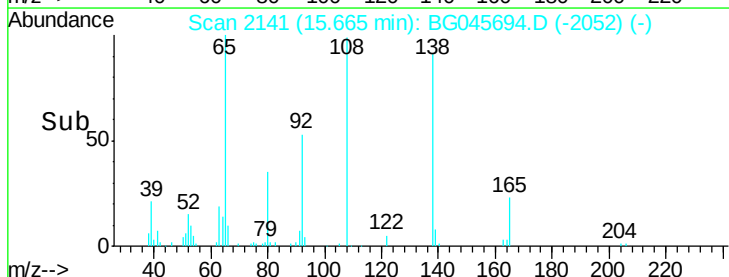
138 100

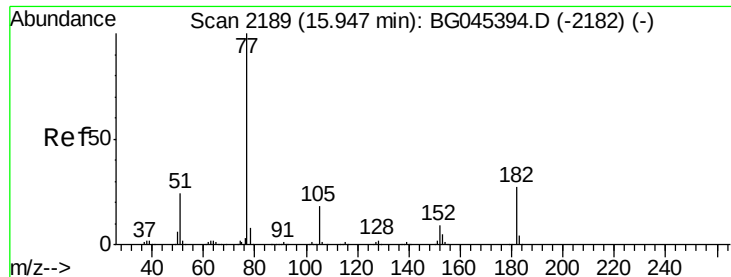
92 58.4 38.0 78.0

108 113.2 89.3 129.3



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





#63

Azobenzene

Concen: 45.180 ng

RT: 15.92 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 453381

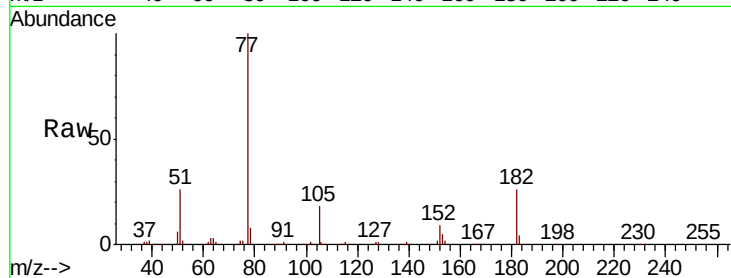
Ion	Ratio	Lower	Upper
77	100		
182	25.7	6.5	46.5
105	18.2	0.0	37.9
51	25.5	4.1	44.1

77 100

182 25.7 6.5 46.5

105 18.2 0.0 37.9

51 25.5 4.1 44.1

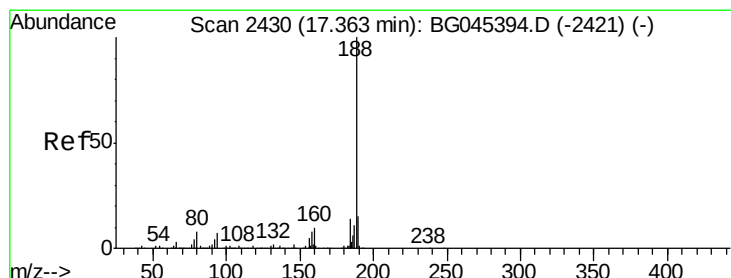
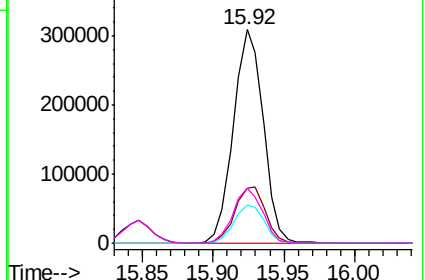
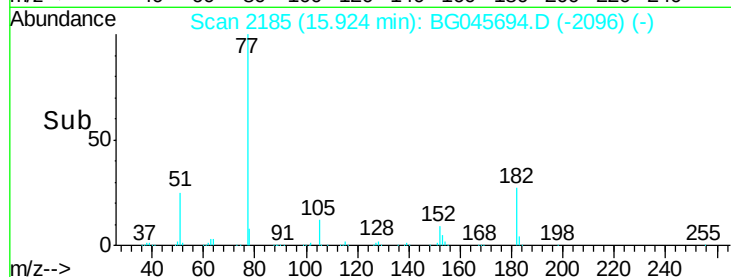


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

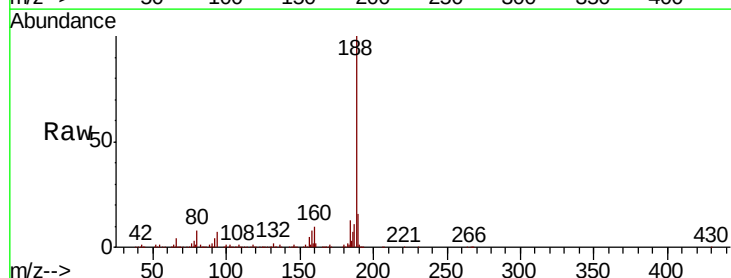
Tgt Ion: 188 Resp: 370440

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.5	8.3
80	7.6	6.6	10.0

188 100

94 6.8 5.5 8.3

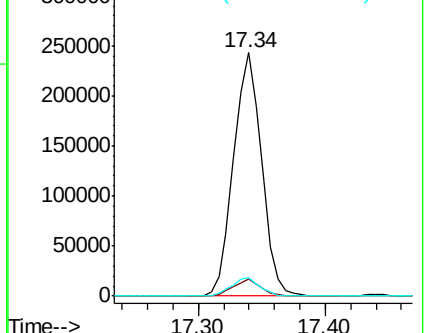
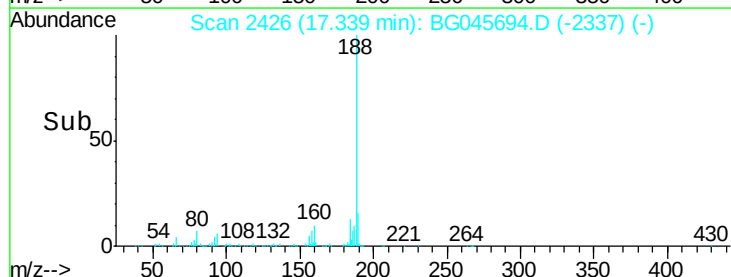
80 7.6 6.6 10.0

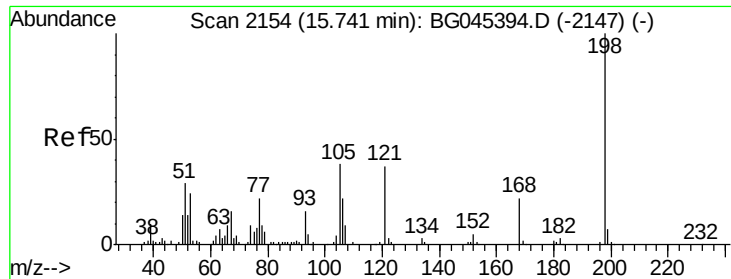


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 43.067 ng

RT: 15.72 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

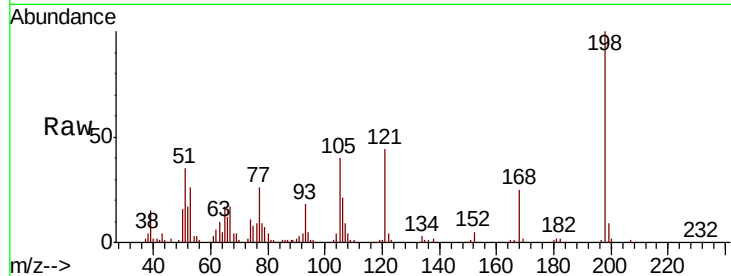
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 92914

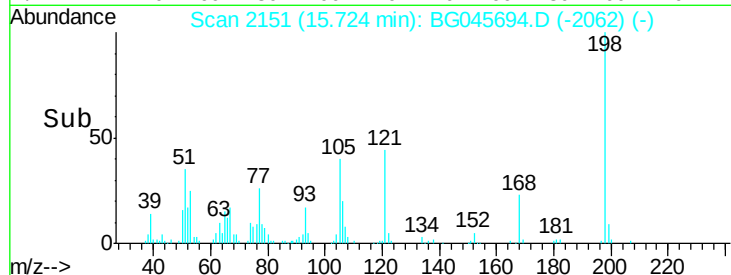
Ion	Ratio	Lower	Upper
198	100		
51	34.8	10.0	50.0
105	39.9	18.9	58.9



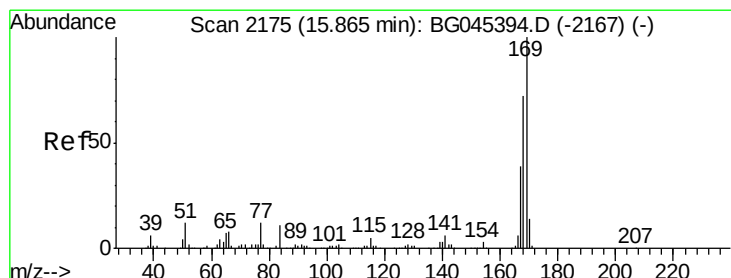
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 44.346 ng

RT: 15.85 min Scan# 2172

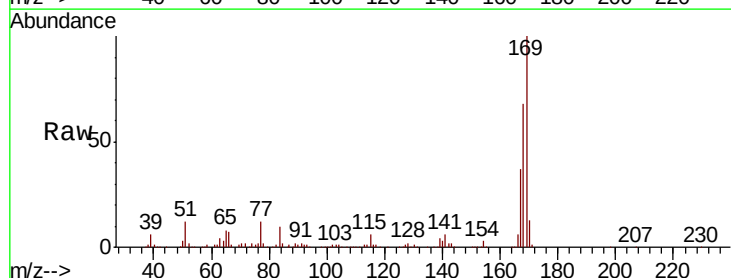
Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Tgt Ion:169 Resp: 394421

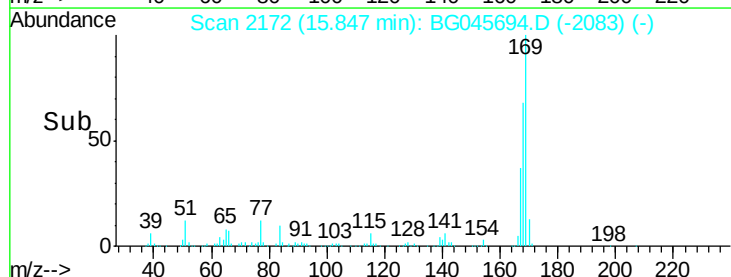
Ion	Ratio	Lower	Upper
169	100		
168	68.2	57.8	86.6
167	37.1	31.5	47.3



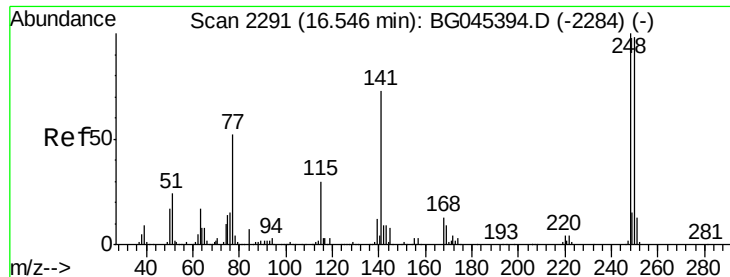
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



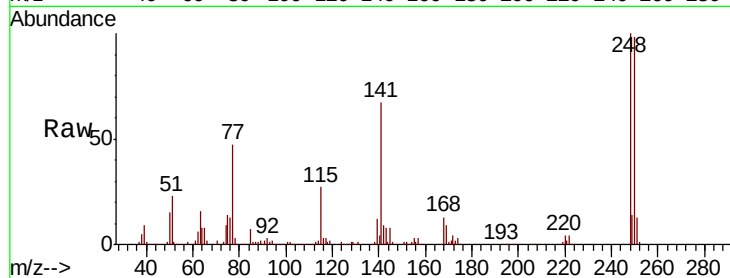
Time-->



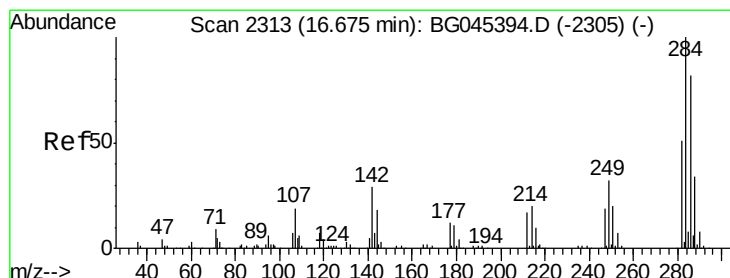
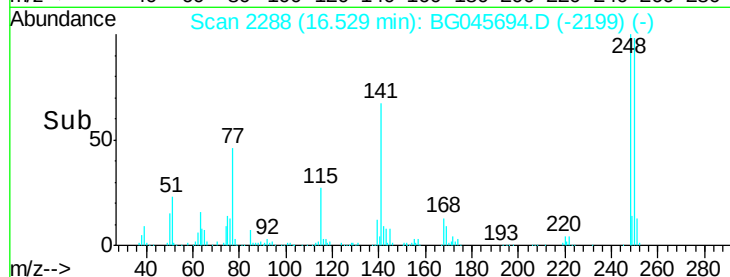
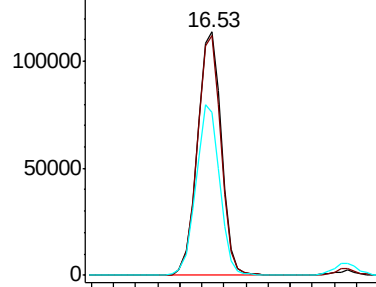
#67
4-Bromophenyl-phenylether
Concen: 43.118 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 172959
Ion Ratio Lower Upper
248 100
250 98.4 78.6 117.8
141 67.2 58.2 87.2

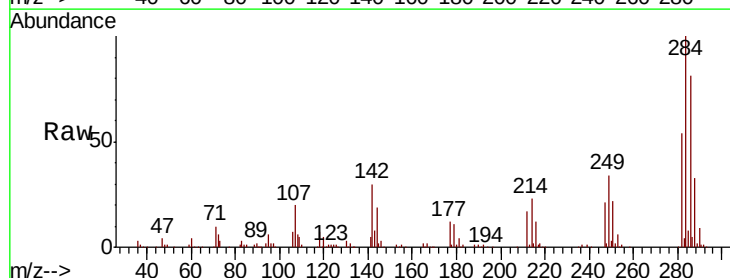


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

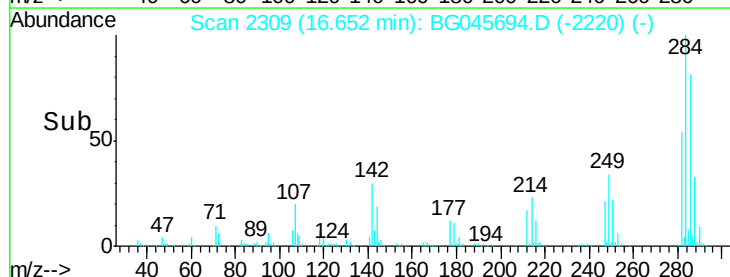
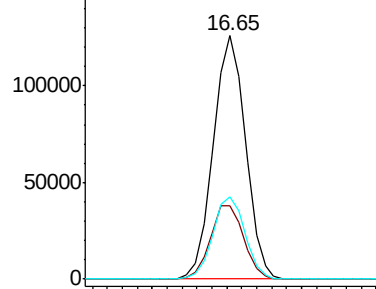


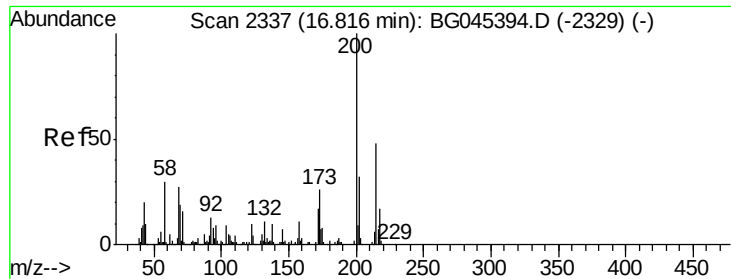
#68
Hexachlorobenzene
Concen: 44.699 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Tgt Ion:284 Resp: 187533
Ion Ratio Lower Upper
284 100
142 30.2 23.0 34.6
249 33.8 25.8 38.6



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





#69

Atrazine

Concen: 42.355 ng

RT: 16.80 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampled :

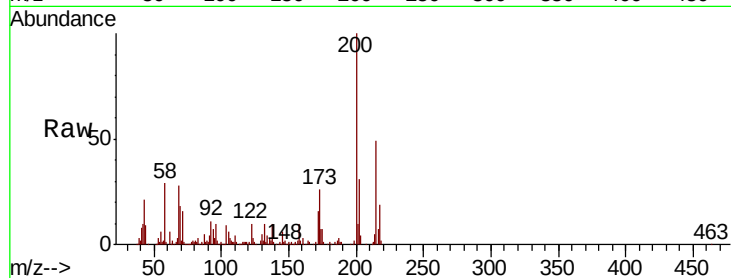
Tot Ion:200 Resp: 155164

Ion Ratio Lower Upper

200 100

173 25.6 5.5 45.5

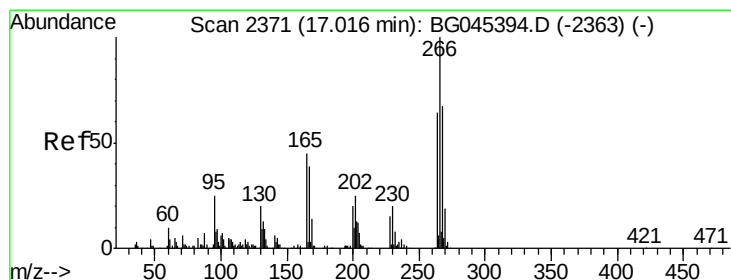
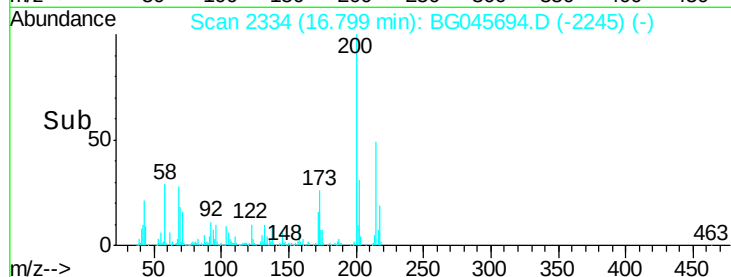
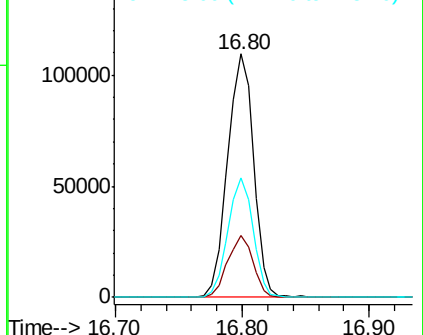
215 48.8 28.2 68.2



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: 76.022 ng

RT: 17.00 min Scan# 2368

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

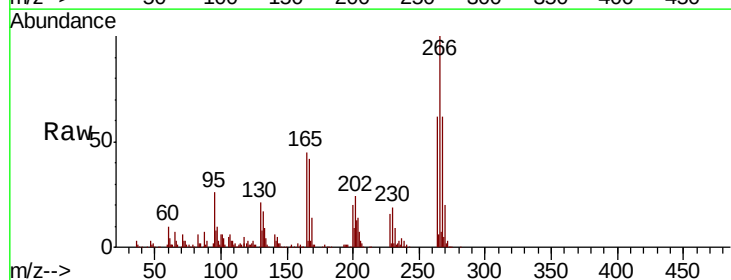
Tgt Ion:266 Resp: 165610

Ion Ratio Lower Upper

266 100

268 62.0 53.2 79.8

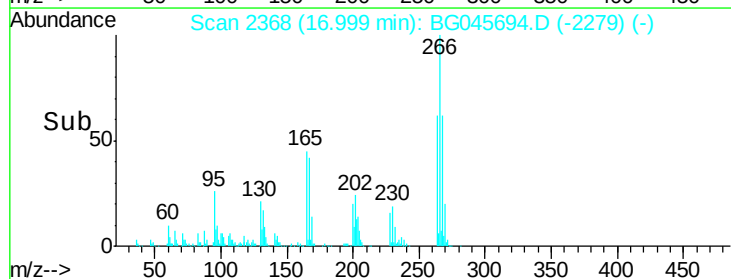
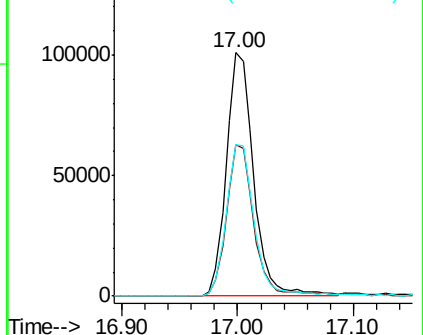
264 62.2 51.0 76.4

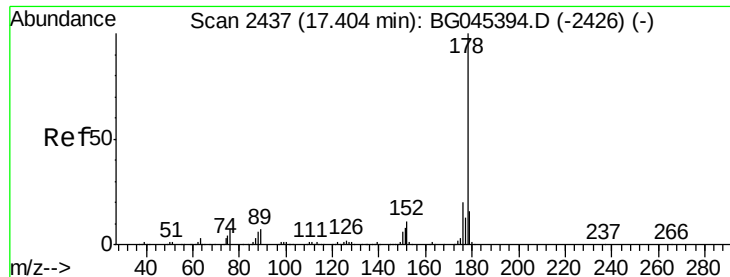


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

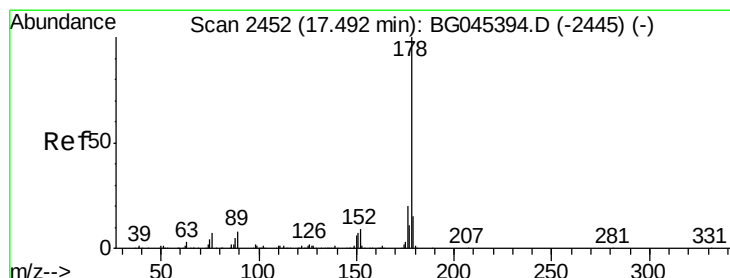
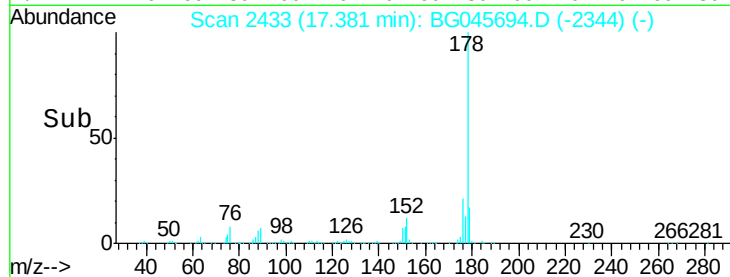
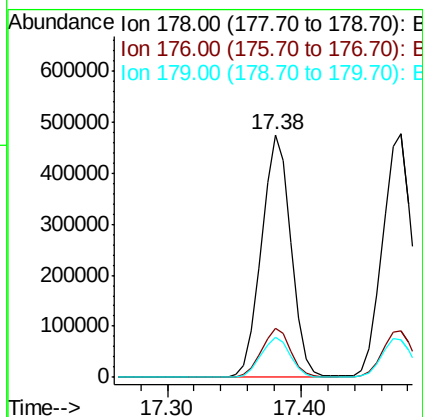
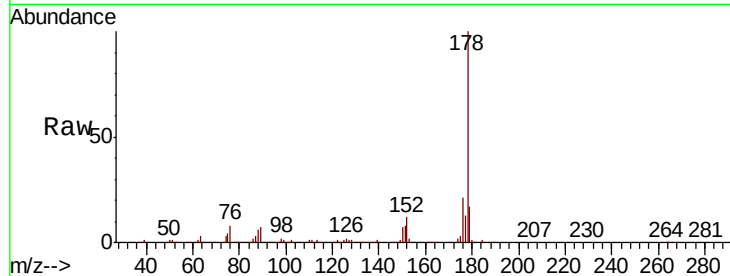




#71
Phenanthrene
Concen: 44.627 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

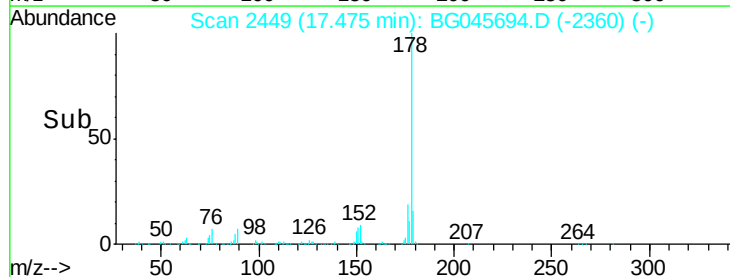
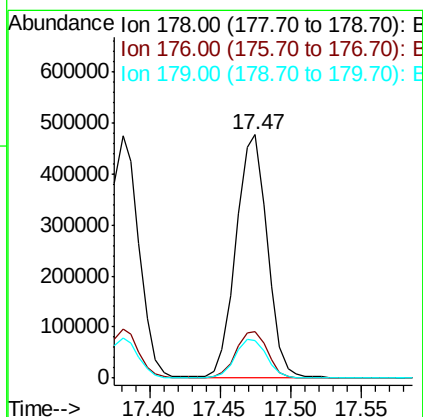
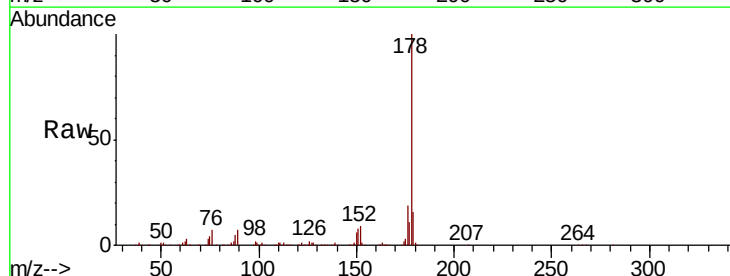
Instrument :
BNA_G
ClientSampleId :

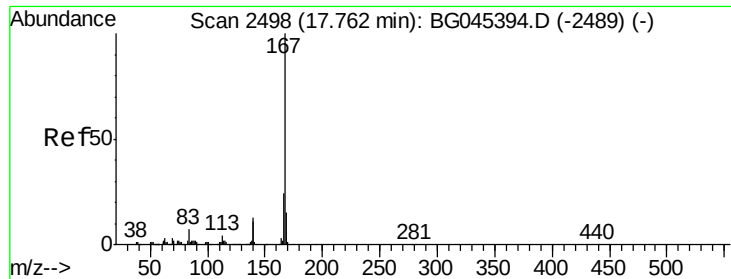
Tot Ion:178 Resp: 721699
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.6 13.1 19.7



#72
Anthracene
Concen: 45.389 ng
RT: 17.47 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Tgt Ion:178 Resp: 737128
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 15.6 12.2 18.4

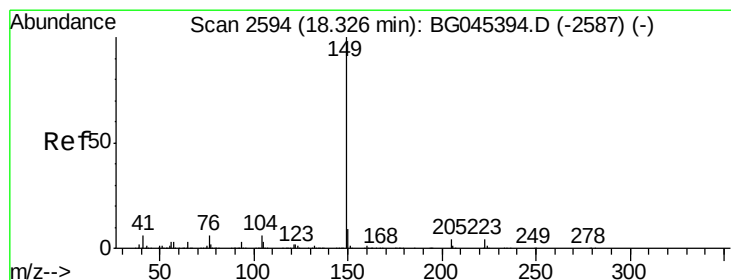
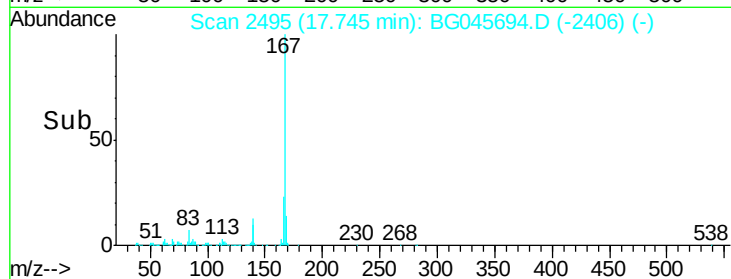
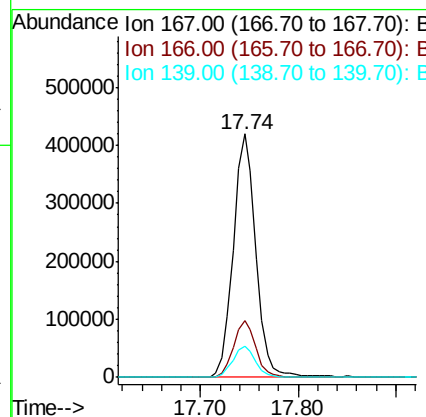
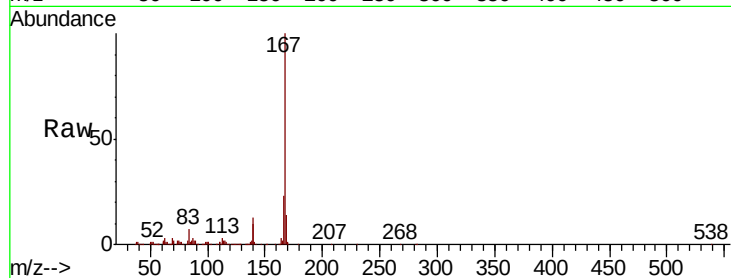




#73
 Carbazole
 Concen: 42.476 ng
 RT: 17.74 min Scan# 2495
 Delta R.T. -0.01 min
 Lab File: BG045694.D
 Acq: 10 Jun 2020 16:33

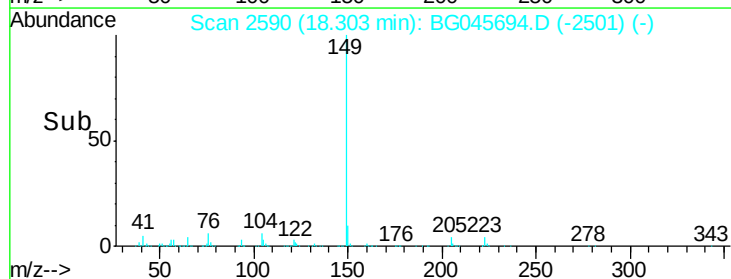
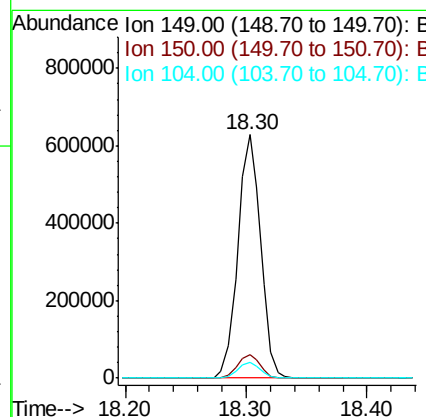
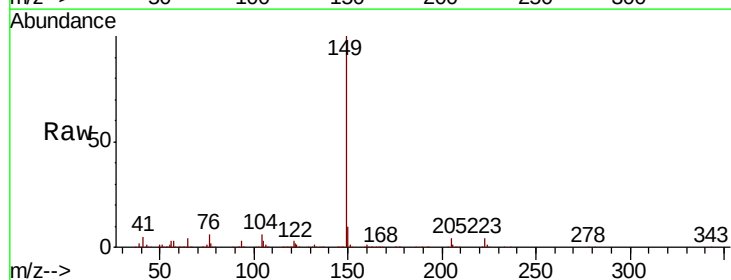
Instrument :
 BNA_G
 ClientSampled :

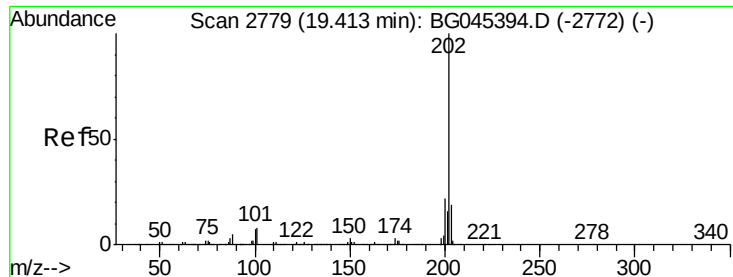
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.2	28.8
139	12.8	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 43.237 ng
 RT: 18.30 min Scan# 2590
 Delta R.T. -0.01 min
 Lab File: BG045694.D
 Acq: 10 Jun 2020 16:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.6	11.4
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 44.657 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampleId :

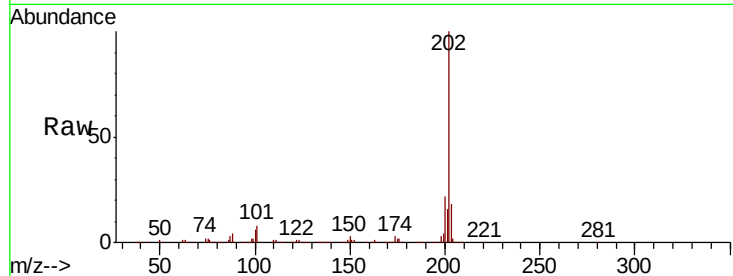
Tot Ion:202 Resp: 918566

Ion Ratio Lower Upper

202 100

101 7.9 0.0 28.3

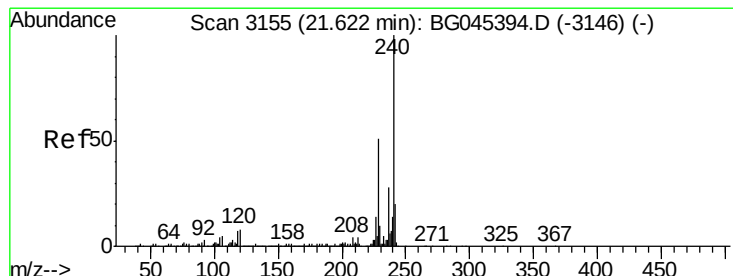
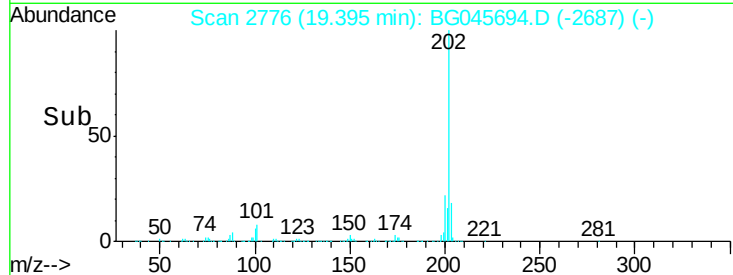
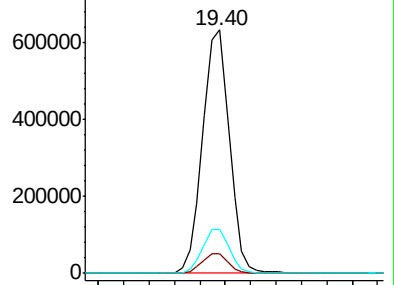
203 17.8 0.0 39.0



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: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

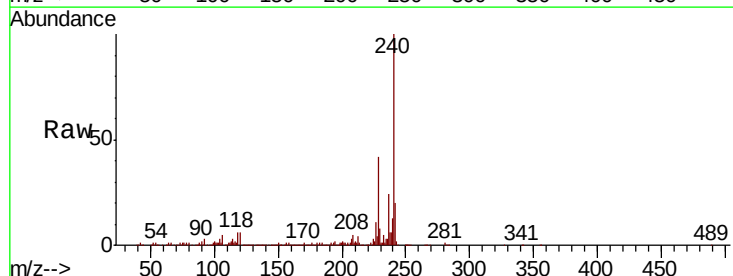
Tgt Ion:240 Resp: 349890

Ion Ratio Lower Upper

240 100

120 6.3 6.1 9.1

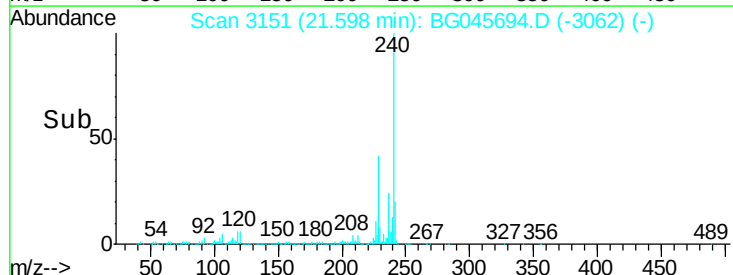
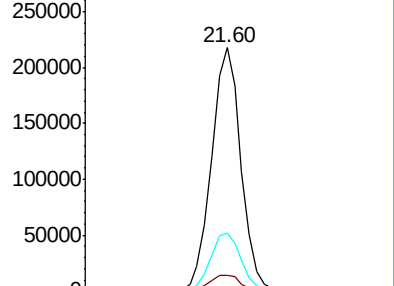
236 23.8 22.3 33.5

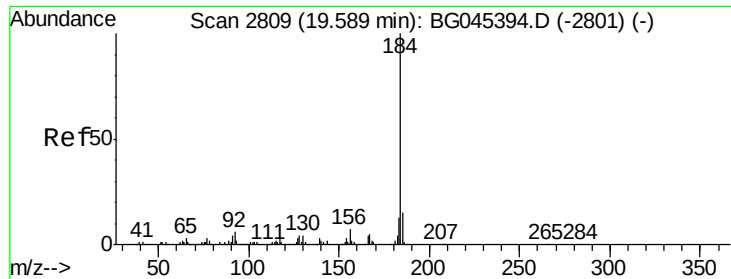


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 57.584 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampleId :

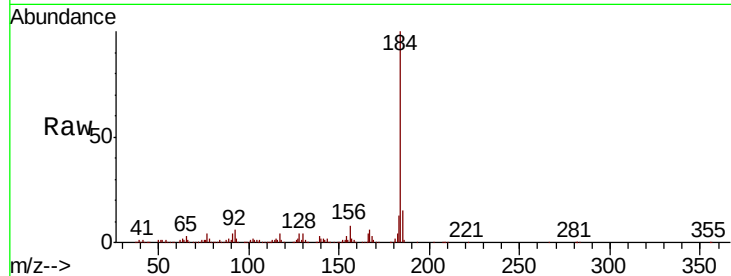
Tot Ion:184 Resp: 565865

Ion Ratio Lower Upper

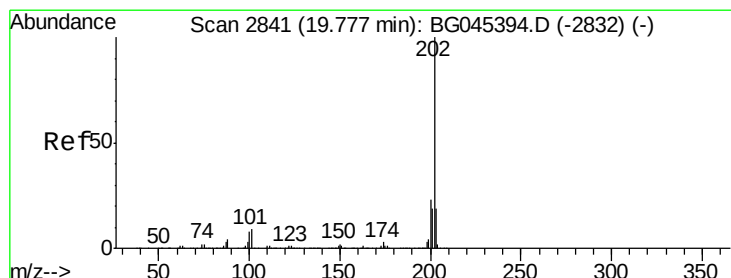
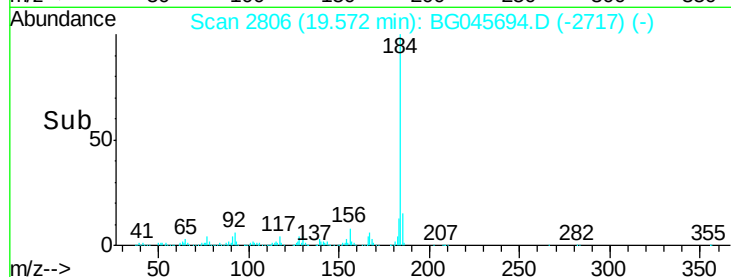
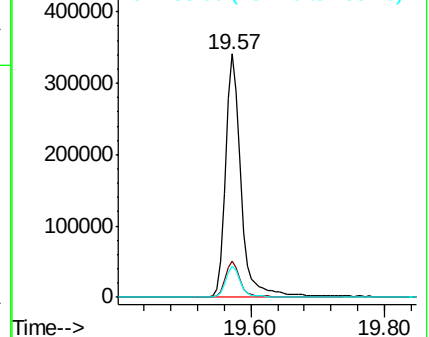
184 100

185 14.7 11.7 17.5

183 12.6 10.2 15.4



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: 45.073 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

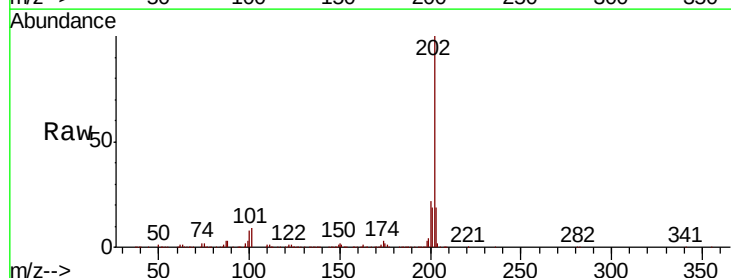
Tgt Ion:202 Resp: 898995

Ion Ratio Lower Upper

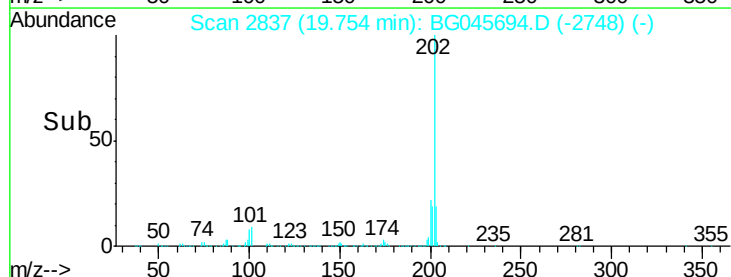
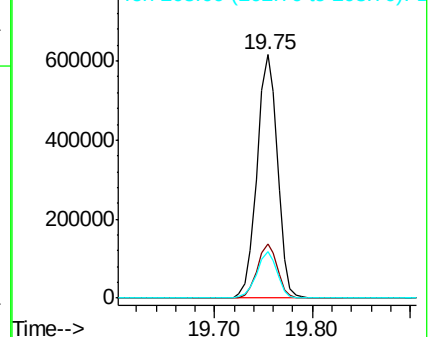
202 100

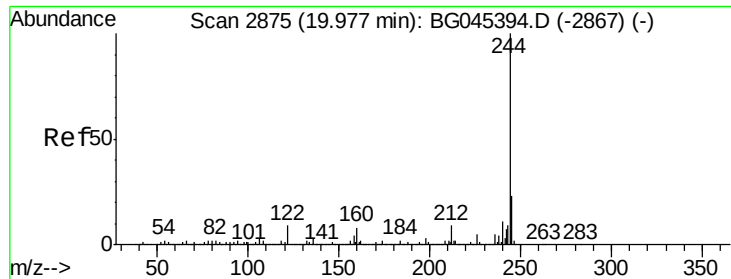
200 22.3 18.2 27.2

203 19.2 15.1 22.7



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: 92.301 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

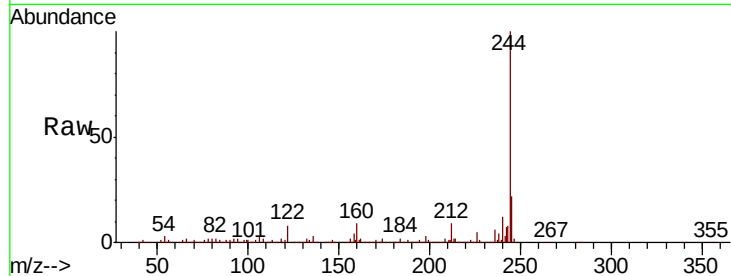
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1384688

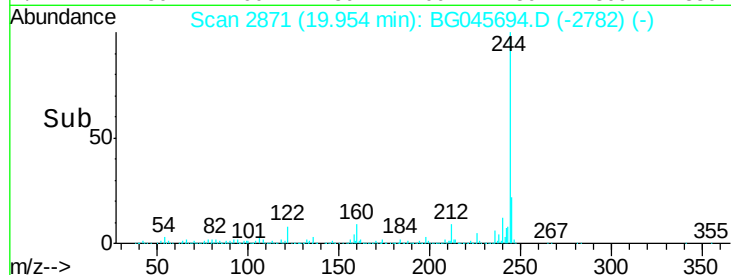
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.4	11.0
122	8.2	6.8	10.2



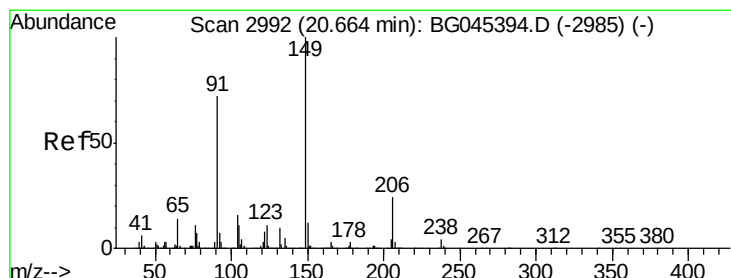
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 42.141 ng

RT: 20.64 min Scan# 2988

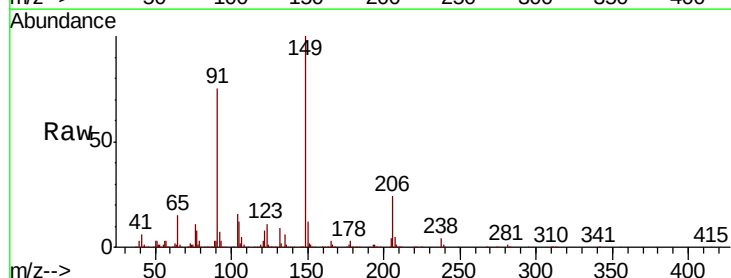
Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Tgt Ion:149 Resp: 362788

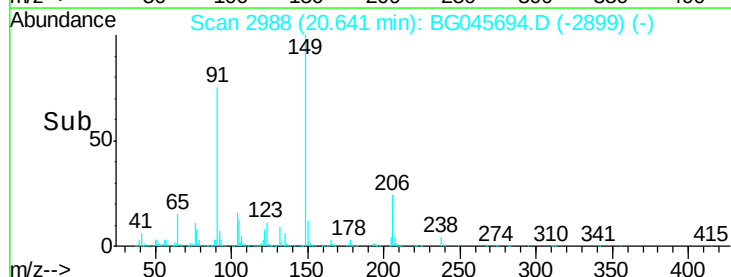
Ion	Ratio	Lower	Upper
149	100		
91	74.7	57.8	86.6
206	24.4	19.1	28.7



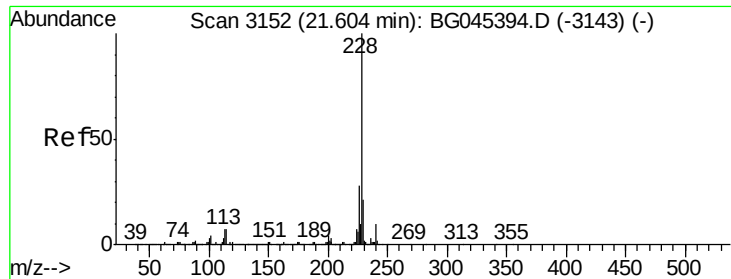
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



Time-->



#81

Benzo(a)anthracene

Concen: 44.430 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampleId :

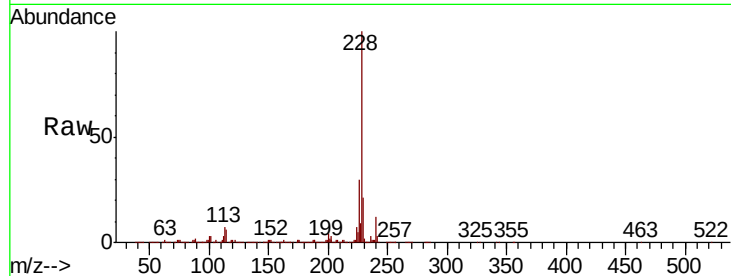
Tot Ion:228 Resp: 865989

Ion Ratio Lower Upper

228 100

226 29.5 22.7 34.1

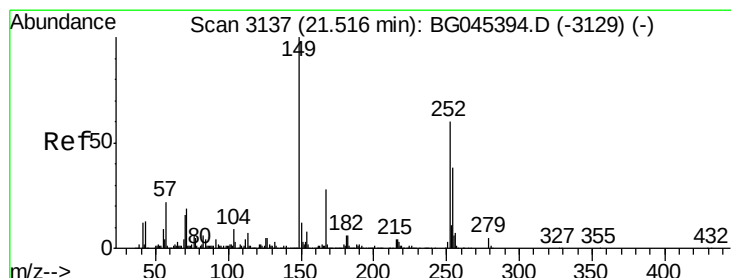
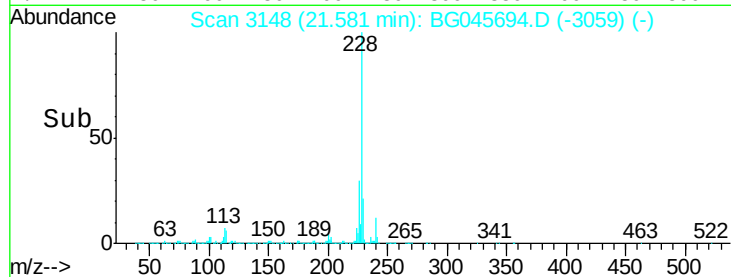
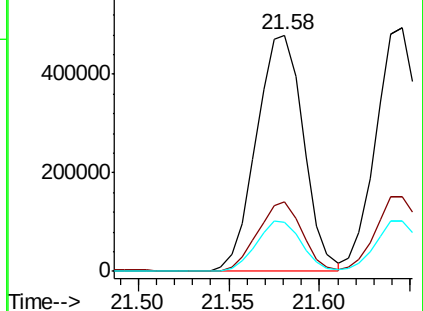
229 20.6 16.7 25.1



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: 35.656 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

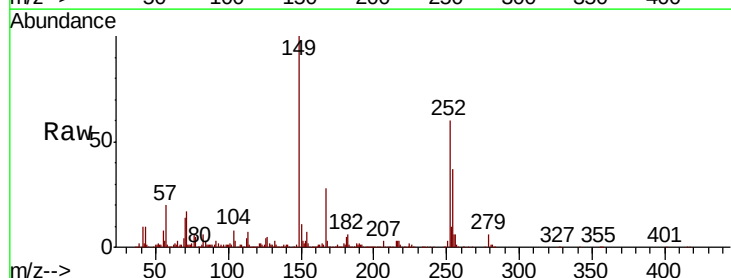
Tgt Ion:252 Resp: 272611

Ion Ratio Lower Upper

252 100

254 62.0 51.3 76.9

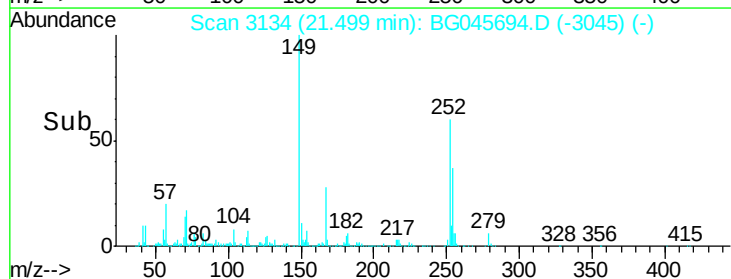
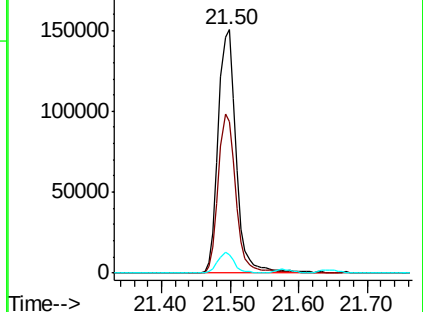
126 7.4 6.6 10.0

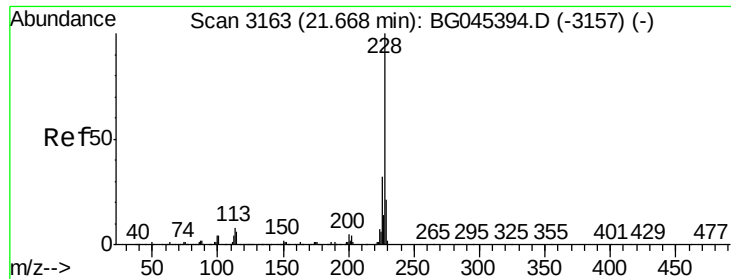


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.964 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

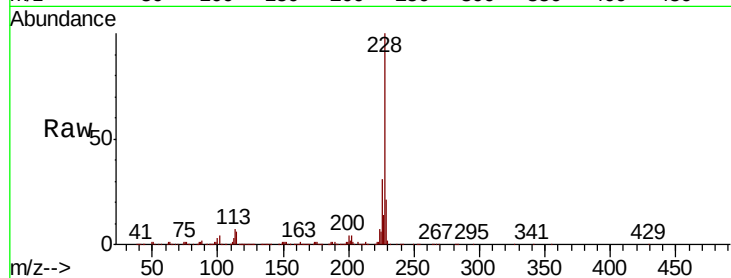
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 842696

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.2	37.8
229	20.8	16.7	25.1

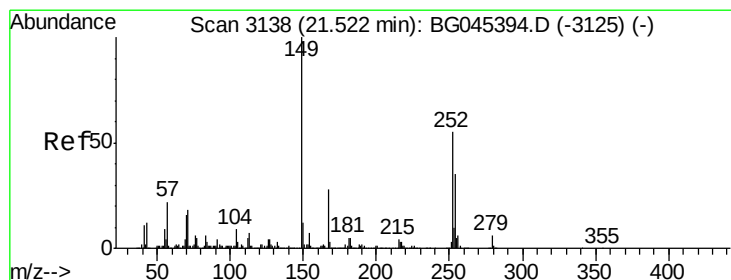
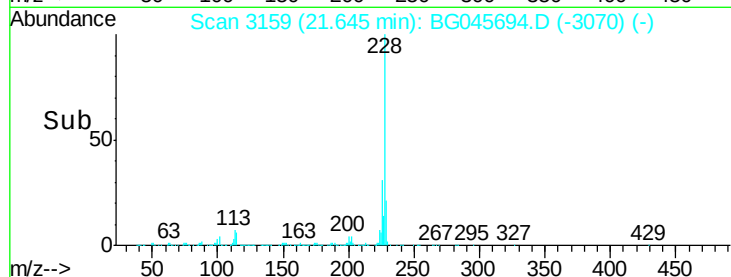
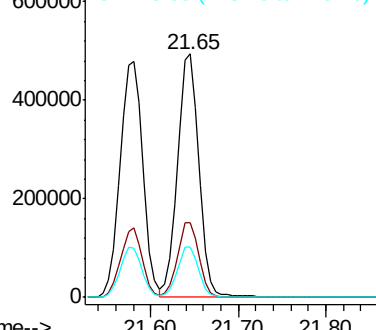


Abundance

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: 43.124 ng

RT: 21.49 min Scan# 3133

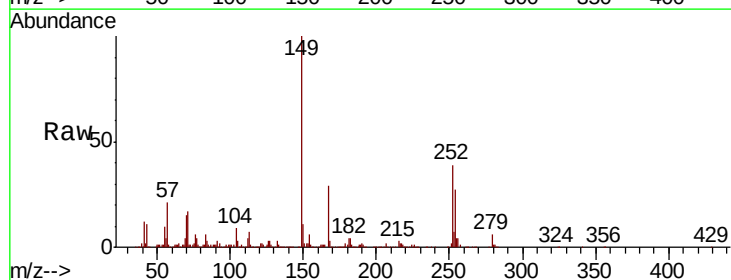
Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Tgt Ion:149 Resp: 510342

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.2	33.2
279	5.7	4.7	7.1

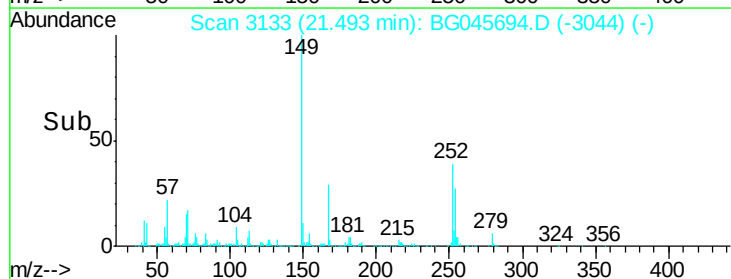
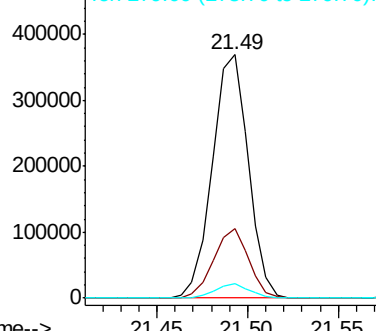


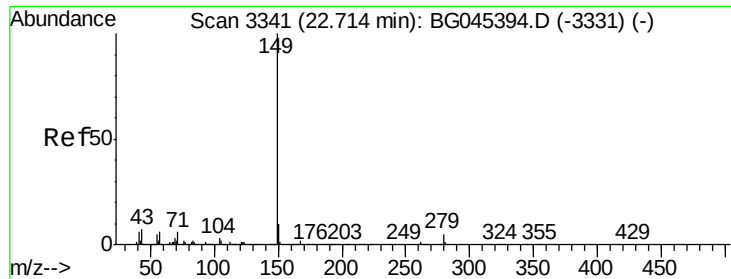
Abundance

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

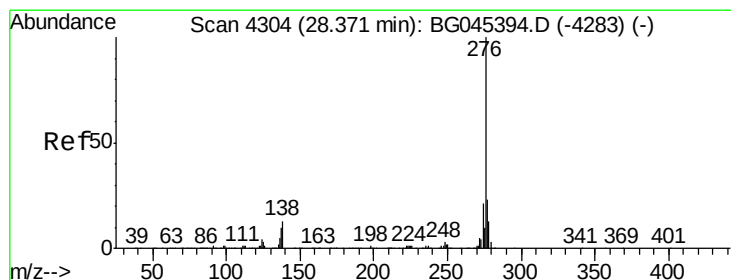
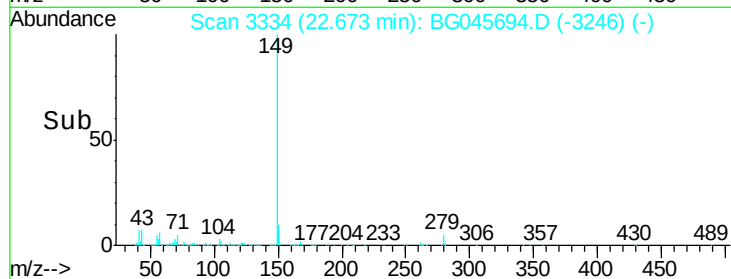
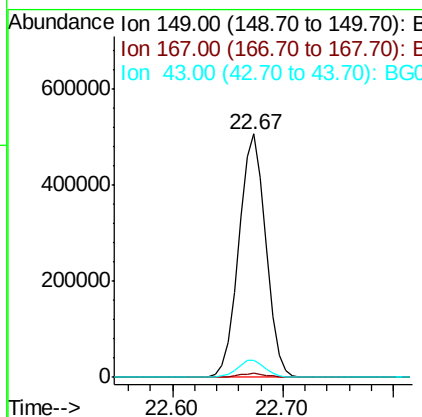
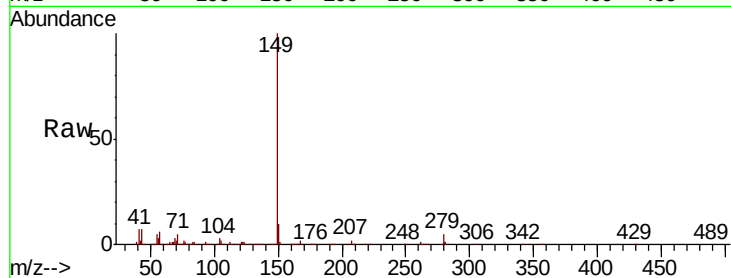




#85
Di-n-octyl phthalate
Concen: 42.764 ng
RT: 22.67 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

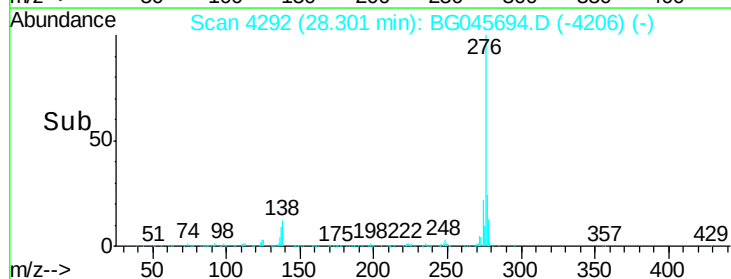
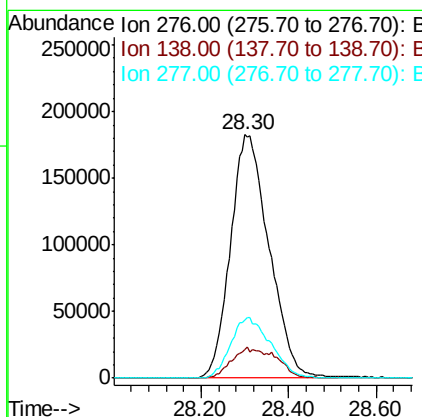
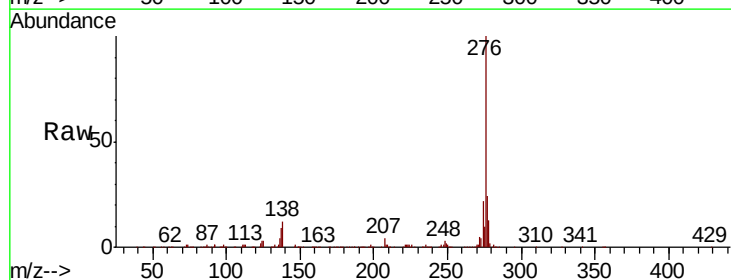
Instrument :
BNA_G
ClientSampleId :

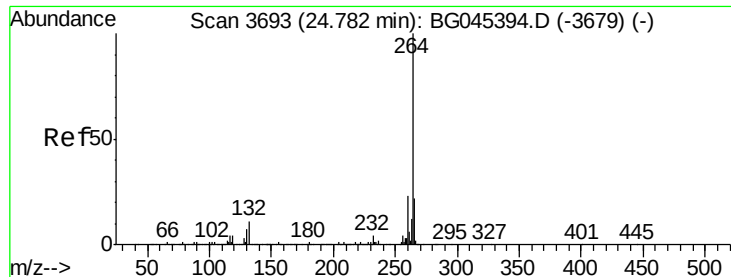
Tot Ion:149 Resp: 869192
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 7.2 5.8 8.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.711 ng
RT: 28.30 min Scan# 4292
Delta R.T. -0.02 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Tgt Ion:276 Resp: 1095762
Ion Ratio Lower Upper
276 100
138 9.5 8.6 12.8
277 25.7 20.2 30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampleId :

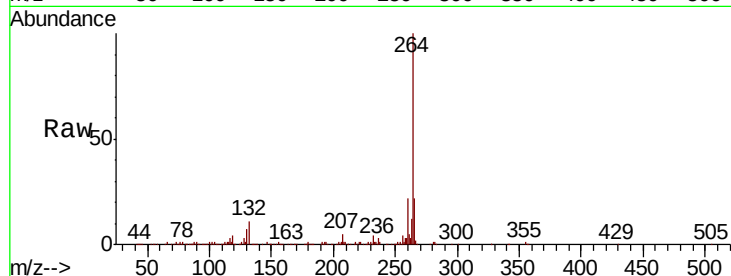
Tot Ion:264 Resp: 387556

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.4

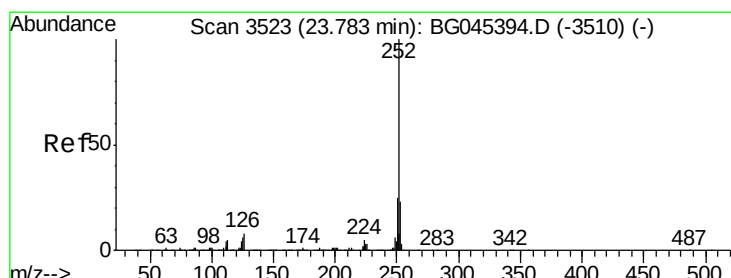
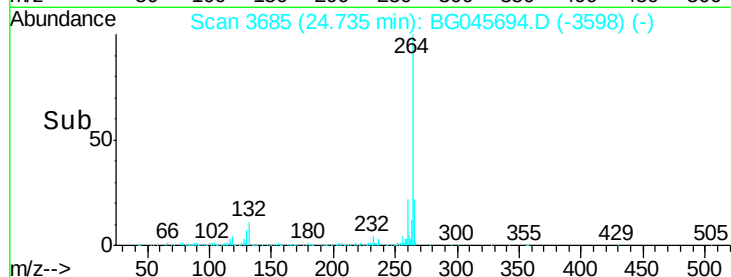
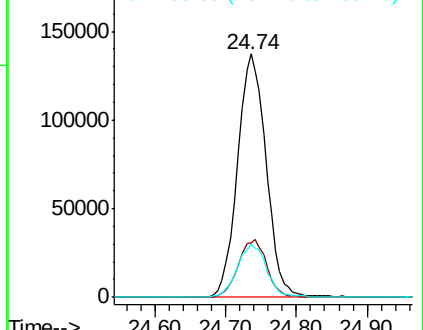
265 21.9 17.6 26.4



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: 45.191 ng

RT: 23.75 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

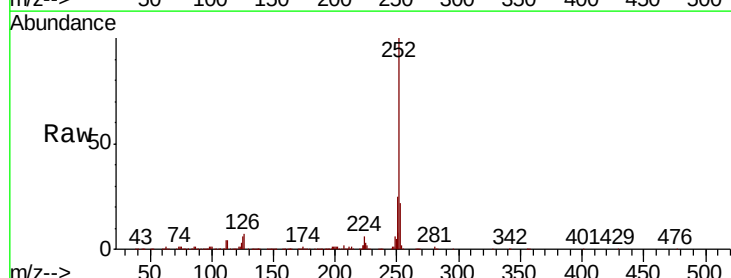
Tgt Ion:252 Resp: 939306

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

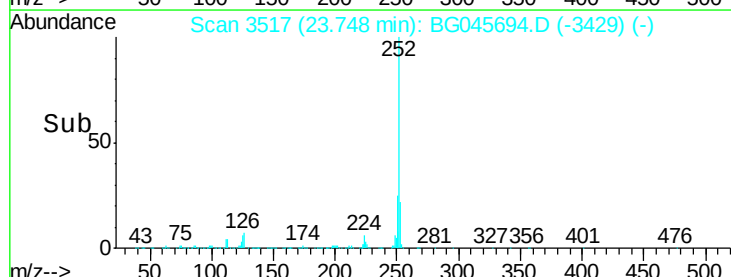
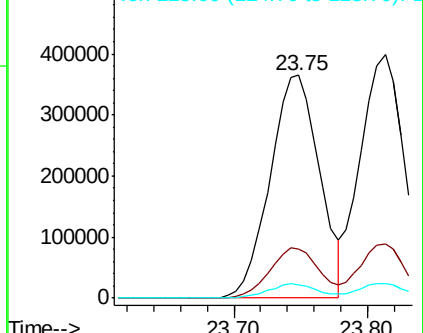
125 6.1 5.0 7.6

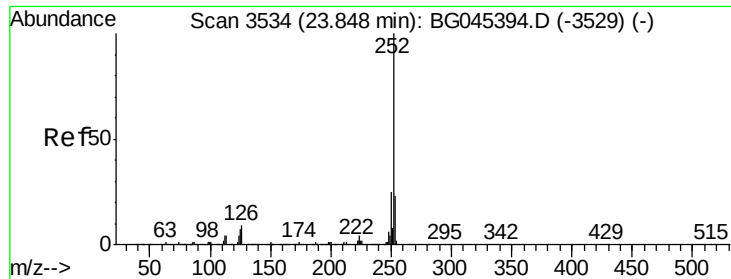


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.292 ng

RT: 23.81 min Scan# 3528

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

Instrument :

BNA_G

ClientSampleId :

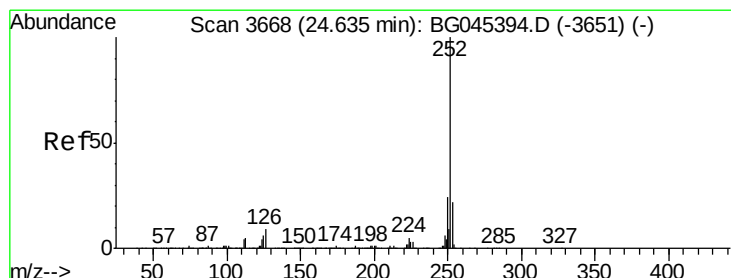
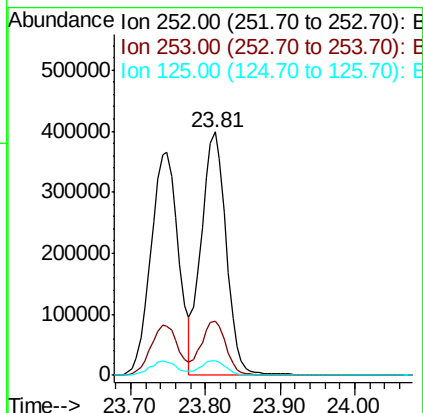
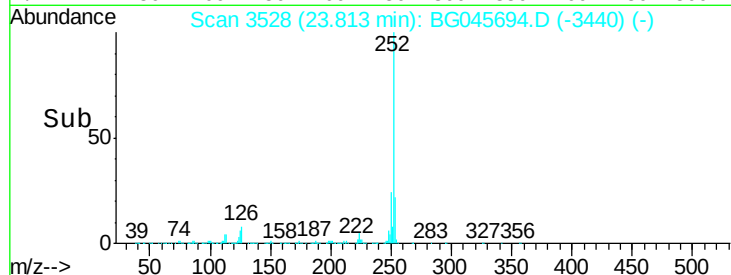
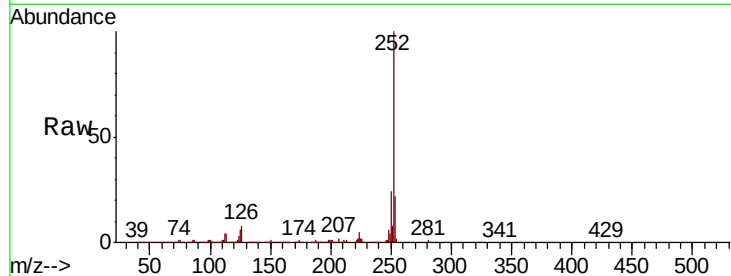
Tot Ion:252 Resp: 923489

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

125 6.0 5.7 8.5



#90

Benzo(a)pyrene

Concen: 44.524 ng

RT: 24.59 min Scan# 3661

Delta R.T. -0.01 min

Lab File: BG045694.D

Acq: 10 Jun 2020 16:33

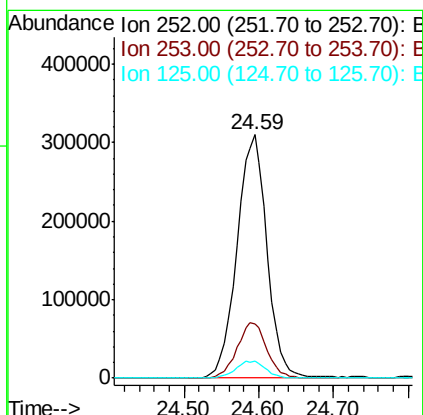
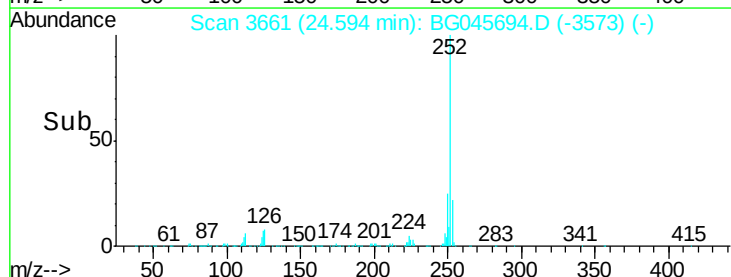
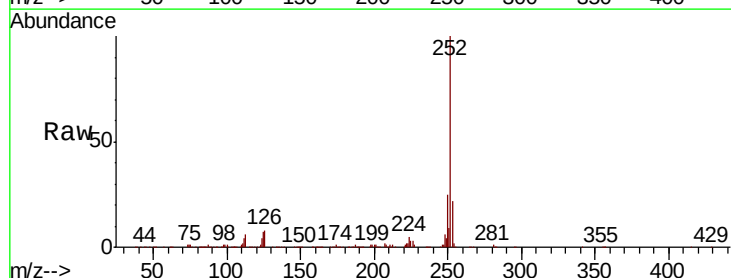
Tgt Ion:252 Resp: 861876

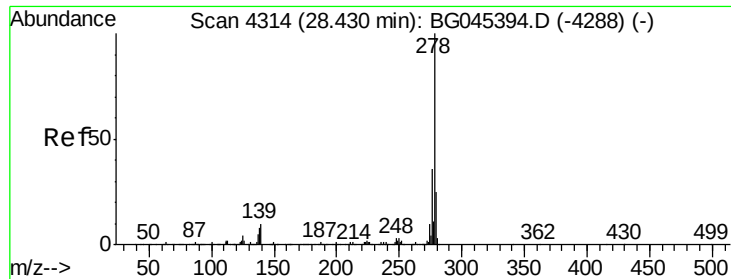
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 7.2 5.0 7.6

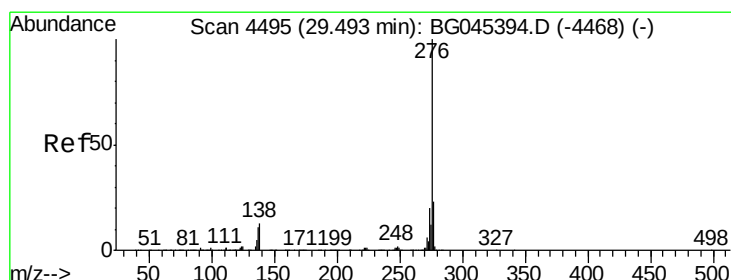
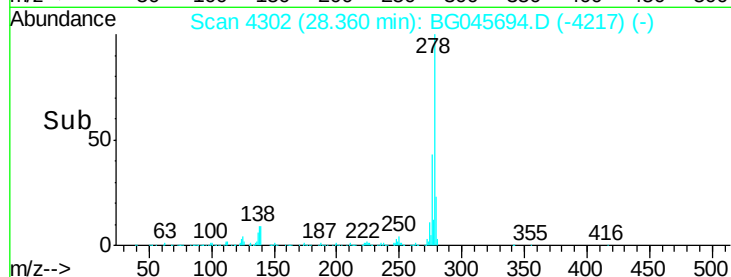
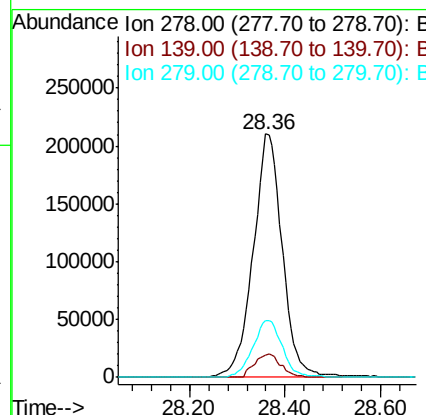
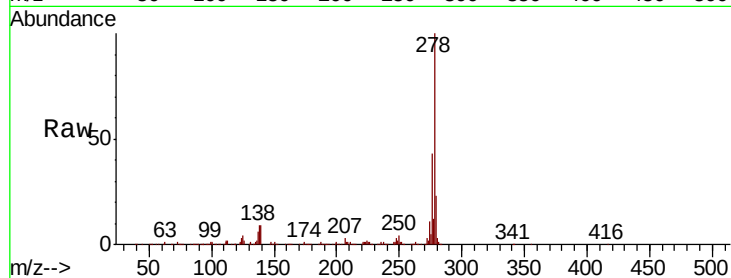




#91
Dibenzo(a,h)anthracene
Concen: 45.732 ng
RT: 28.36 min Scan# 4302
Delta R.T. -0.03 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.1	7.8	11.8
279	23.5	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 45.639 ng
RT: 29.42 min Scan# 4482
Delta R.T. -0.02 min
Lab File: BG045694.D
Acq: 10 Jun 2020 16:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.1	27.1
138	13.1	10.2	15.4

