

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045591.D
 Acq On : 3 Jun 2020 21:42
 Operator : CG/JU
 Sample : L2837-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 04 02:51:07 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	67329	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	264438	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	183997	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	389204	20.00	ng	0.00
76) Chrysene-d12	21.61	240	361375	20.00	ng	0.00
87) Perylene-d12	24.75	264	411727	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	414026	120.18	ng	0.00
7) Phenol-d6	7.15	99	601151	122.60	ng	0.00
23) Nitrobenzene-d5	9.12	82	389923	80.41	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	287807	122.31	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	911249	84.01	ng	0.00
79) Terphenyl-d14	19.96	244	1323361	85.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	65204	38.166	ng	92
3) Pyridine	3.80	79	161553	33.953	ng	96
4) n-Nitrosodimethylamine	3.72	42	72399	46.500	ng	86
6) Aniline	7.28	93	205574	32.115	ng	97
8) 2-Chlorophenol	7.53	128	202371	53.565	ng	99
9) Benzaldehyde	7.08	77	123244	38.577	ng	97
10) Phenol	7.18	94	271158	53.655	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	187989	47.690	ng	99
12) 1,3-Dichlorobenzene	7.84	146	215219	47.403	ng	97
13) 1,4-Dichlorobenzene	7.99	146	216536	48.328	ng	94
14) 1,2-Dichlorobenzene	8.31	146	203594	47.244	ng	98
15) Benzyl Alcohol	8.20	79	203869	50.329	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.49	45	176595	47.195	ng	99
17) 2-Methylphenol	8.42	107	178441	47.173	ng	95
18) Hexachloroethane	9.04	117	85863	50.036	ng	93
19) n-Nitroso-di-n-propylamine	8.76	70	166069	48.976	ng	97
20) 3+4-Methylphenols	8.75	107	244446	47.456	ng	92
22) Acetophenone	8.77	105	303234	48.382	ng	98
24) Nitrobenzene	9.16	77	254626	49.009	ng	97
25) Isophorone	9.68	82	461984	48.375	ng	98
26) 2-Nitrophenol	9.87	139	117391	52.818	ng	94
27) 2,4-Dimethylphenol	9.95	122	194502	59.005	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	252872	50.490	ng	98
29) 2,4-Dichlorophenol	10.43	162	208286	53.508	ng	96
30) 1,2,4-Trichlorobenzene	10.63	180	230654	50.146	ng	97
31) Naphthalene	10.81	128	613068	49.751	ng	99
32) Benzoic acid	10.13	122	125979	54.482	ng	88
33) 4-Chloroaniline	10.92	127	103843	20.160	ng	97
34) Hexachlorobutadiene	11.10	225	162807	50.073	ng	99
35) Caprolactam	11.75	113	40352	28.242	ng	87
36) 4-Chloro-3-methylphenol	12.08	107	236597	53.939	ng	96
37) 2-Methylnaphthalene	12.42	142	470073	51.181	ng	97
38) 1-Methylnaphthalene	12.42	142	470073	54.181	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	266529	51.861	ng	98

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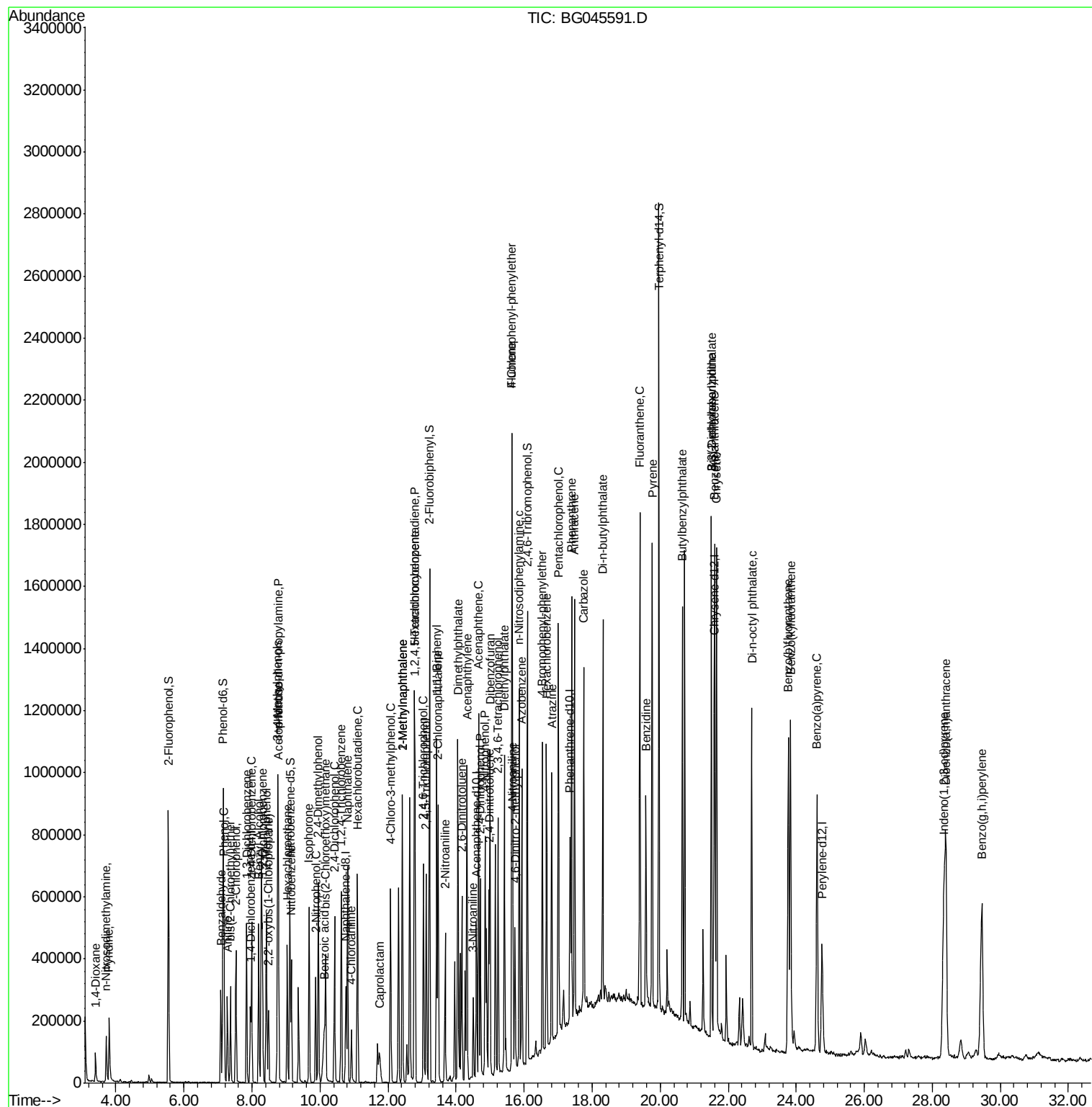
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	309003	104.170	ng	100
43) 2,4,6-Trichlorophenol	13.04	196	184061	51.556	ng	97
44) 2,4,5-Trichlorophenol	13.12	196	200373	49.115	ng	98
46) 1,1'-Biphenyl	13.43	154	606761	53.668	ng	99
47) 2-Chloronaphthalene	13.47	162	459453	50.045	ng	98
48) 2-Nitroaniline	13.67	65	147385	48.804	ng	91
49) Acenaphthylene	14.32	152	757866	51.393	ng	99
50) Dimethylphthalate	14.06	163	738776	58.531	ng	99
51) 2,6-Dinitrotoluene	14.17	165	137049	48.118	ng	98
52) Acenaphthene	14.66	154	445053	45.087	ng	97
53) 3-Nitroaniline	14.51	138	78087	26.970	ng	96
54) 2,4-Dinitrophenol	14.71	184	163048	86.886	ng	97
55) Dibenzofuran	15.00	168	718563	49.020	ng	98
56) 4-Nitrophenol	14.85	139	220969	100.806	ng	98
57) 2,4-Dinitrotoluene	14.97	165	195638	47.428	ng	96
58) Fluorene	15.65	166	588603	48.876	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	188853	52.617	ng	97
60) Diethylphthalate	15.42	149	617267	46.985	ng	97
61) 4-Chlorophenyl-phenylether	15.64	204	329122	47.759	ng	99
62) 4-Nitroaniline	15.67	138	131165	43.395	ng	98
63) Azobenzene	15.94	77	590128	48.174	ng	97
65) 4,6-Dinitro-2-methylphenol	15.74	198	123664	54.556	ng	96
66) n-Nitrosodiphenylamine	15.86	169	522797	55.945	ng	96
67) 4-Bromophenyl-phenylether	16.53	248	214408	50.875	ng	99
68) Hexachlorobenzene	16.66	284	232645	52.778	ng	99
69) Atrazine	16.81	200	189814	49.315	ng	98
70) Pentachlorophenol	17.01	266	258798	113.072	ng	97
71) Phenanthrene	17.39	178	858135	50.505	ng	99
72) Anthracene	17.48	178	898644	52.667	ng	97
73) Carbazole	17.75	167	797356	47.941	ng	98
74) Di-n-butylphthalate	18.31	149	927888	46.481	ng	99
75) Fluoranthene	19.40	202	991094	45.860	ng	99
77) Benzidine	19.58	184	444832	43.828	ng	97
78) Pyrene	19.77	202	1007529	48.909	ng	99
80) Butylbenzylphthalate	20.65	149	411082	46.233	ng	99
81) Benzo(a)anthracene	21.59	228	1012108	50.276	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	142301	18.020	ng	99
83) Chrysene	21.66	228	964711	49.838	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	584787	47.845	ng	98
85) Di-n-octyl phthalate	22.69	149	1008086	48.021	ng	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1302535	51.459	ng	98
88) Benzo(b)fluoranthene	23.77	252	1073851	48.631	ng	99
89) Benzo(k)fluoranthene	23.83	252	1055232	50.866	ng	99
90) Benzo(a)pyrene	24.61	252	992327	48.253	ng	96
91) Dibenzo(a,h)anthracene	28.40	278	1067049	51.634	ng	99
92) Benzo(g,h,i)perylene	29.46	276	1085534	52.521	ng	98

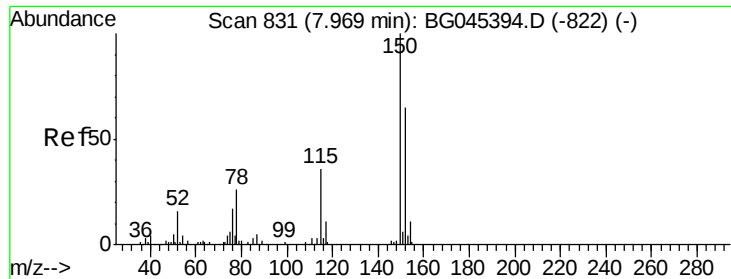
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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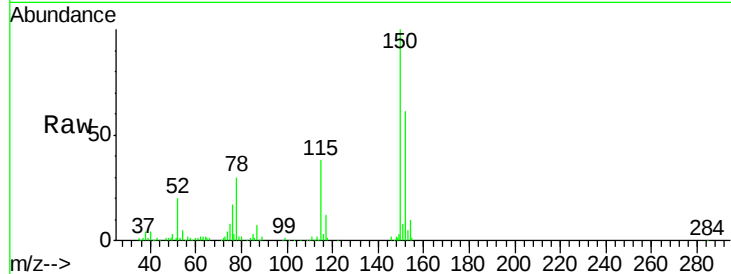


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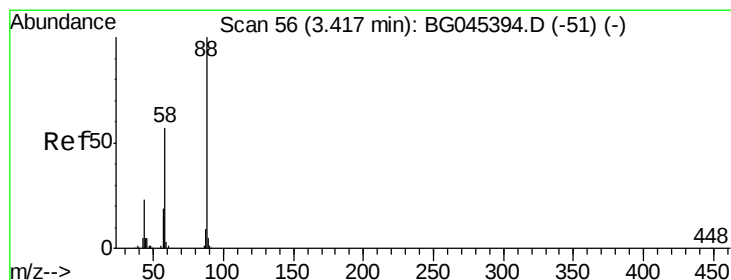
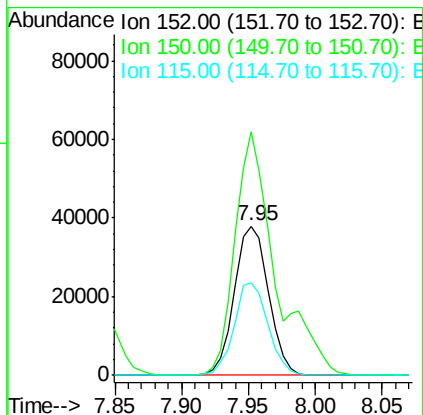
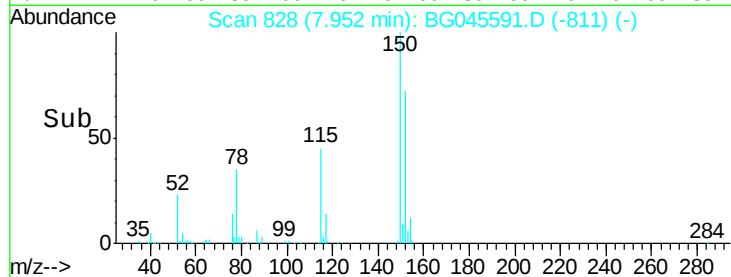
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 67329
Ion Ratio Lower Upper
152 100
150 163.2 122.4 183.6
115 62.3 44.2 66.4



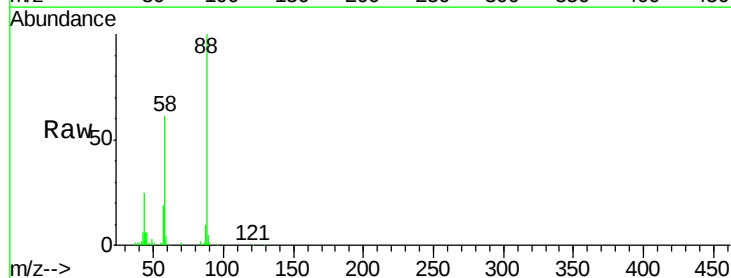
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



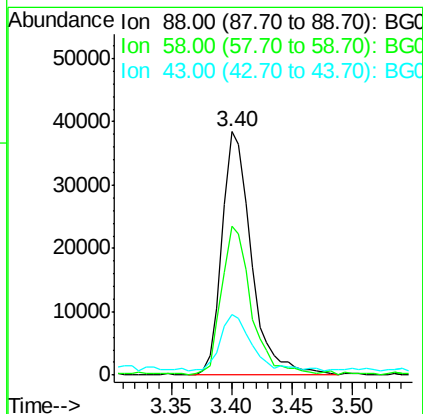
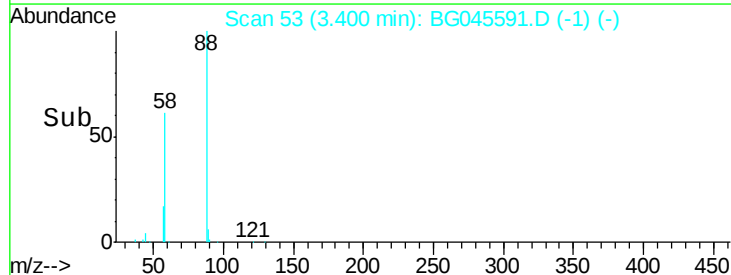
#2

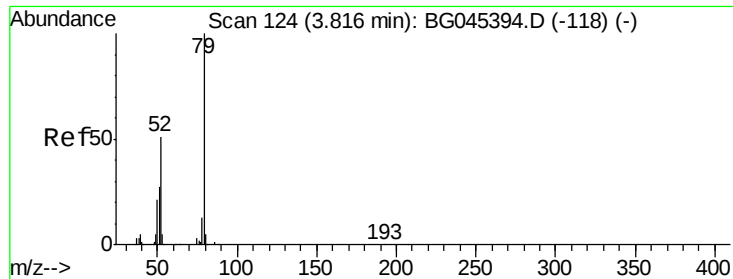
1,4-Dioxane
Concen: 38.166 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion: 88 Resp: 65204
Ion Ratio Lower Upper
88 100
58 62.6 45.7 68.5
43 25.0 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: 33.953 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

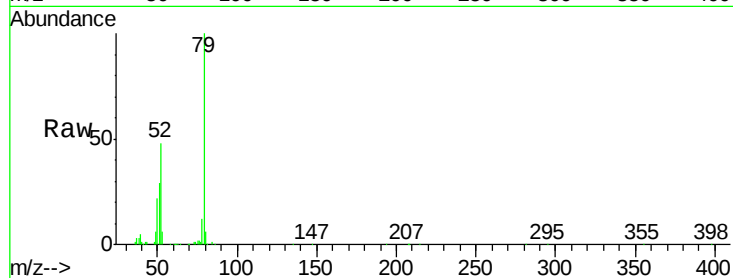
Tot Ion: 79 Resp: 161553

Ion Ratio Lower Upper

79 100

52 47.6 40.8 61.2

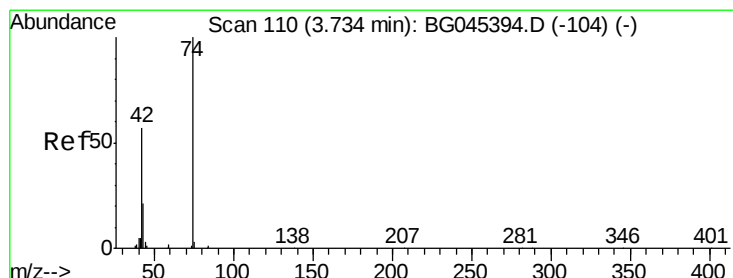
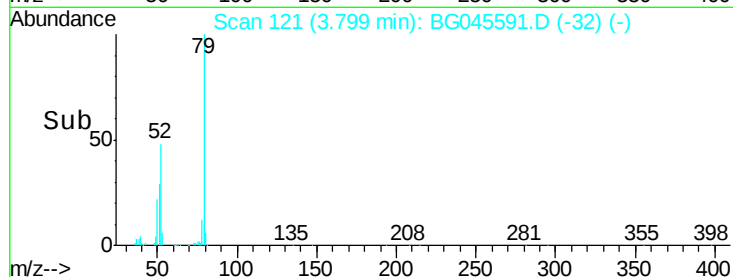
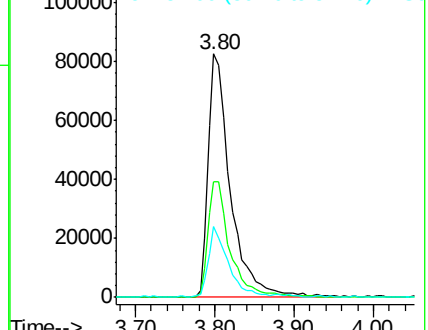
51 29.1 21.9 32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 46.500 ng

RT: 3.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

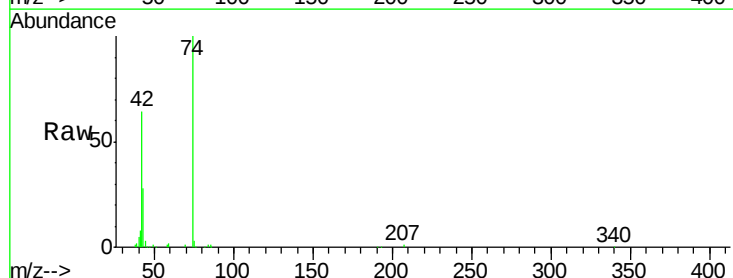
Tgt Ion: 42 Resp: 72399

Ion Ratio Lower Upper

42 100

74 156.9 141.3 211.9

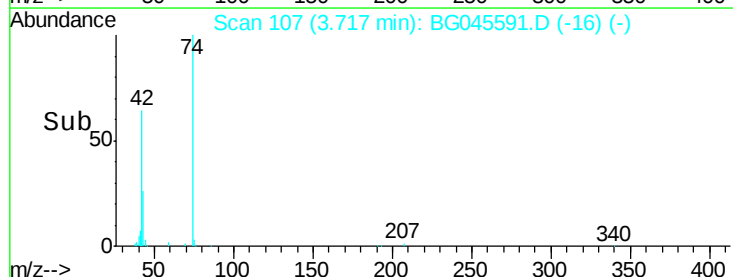
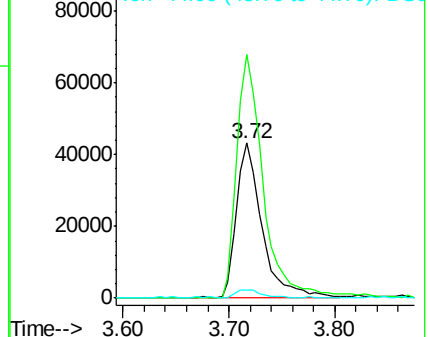
44 5.2 4.2 6.4



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 120.175 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

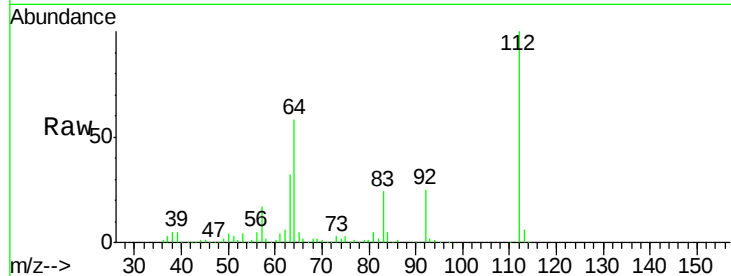
Tot Ion:112 Resp: 414026

Ion Ratio Lower Upper

112 100

64 57.9 48.6 72.8

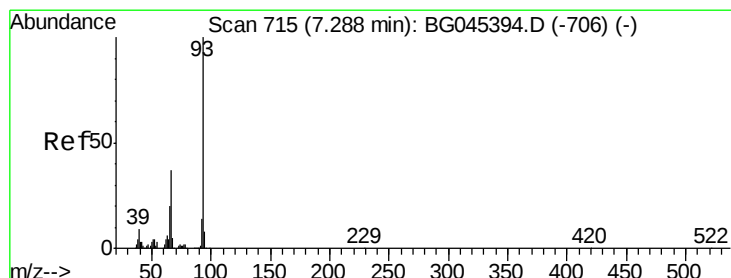
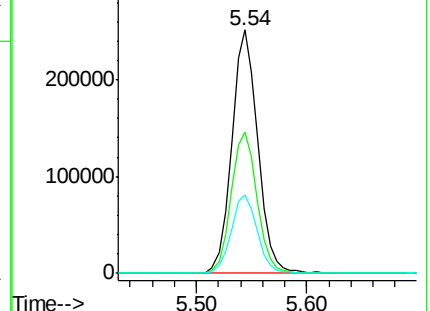
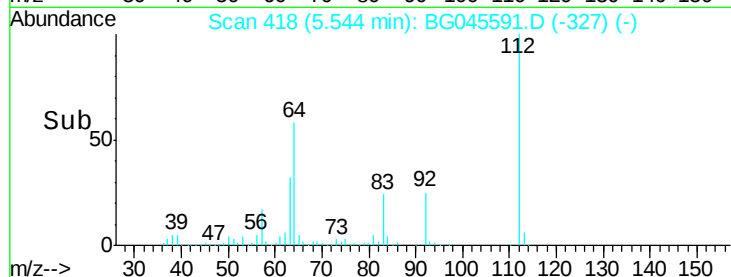
63 32.2 26.5 39.7



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: 32.115 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

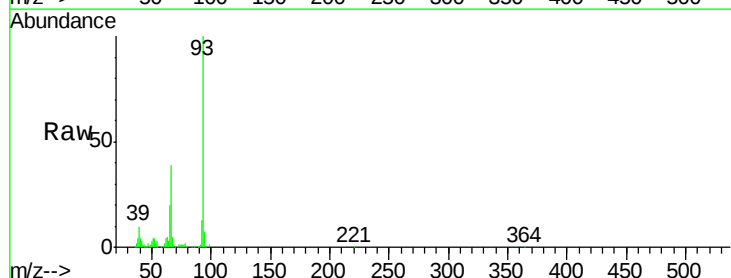
Tgt Ion: 93 Resp: 205574

Ion Ratio Lower Upper

93 100

66 39.3 29.6 44.4

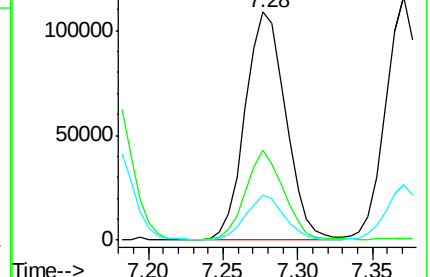
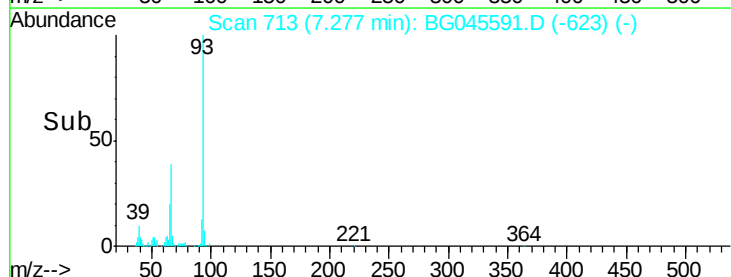
65 19.9 15.9 23.9



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: 122.596 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

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ClientSampleId :

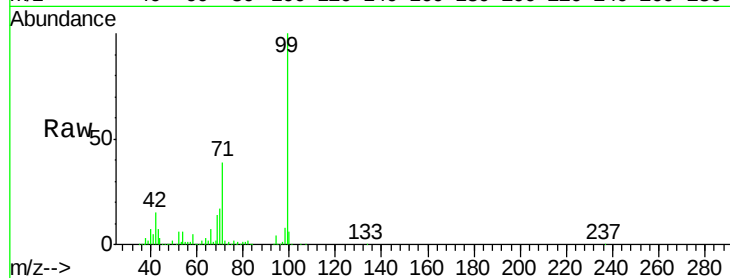
Tot Ion: 99 Resp: 601151

Ion Ratio Lower Upper

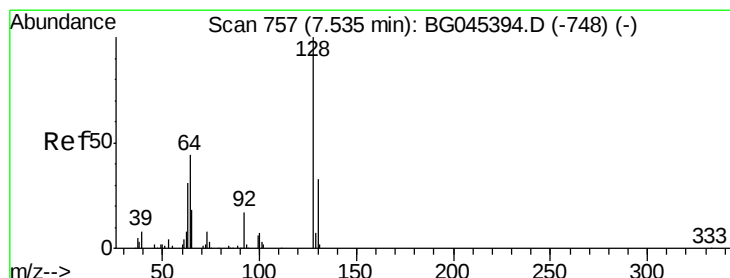
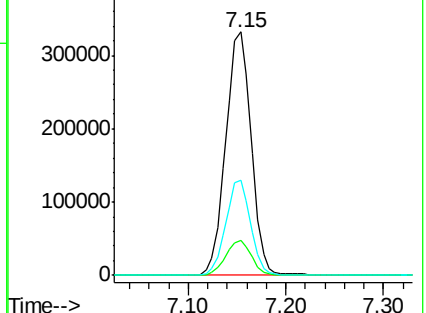
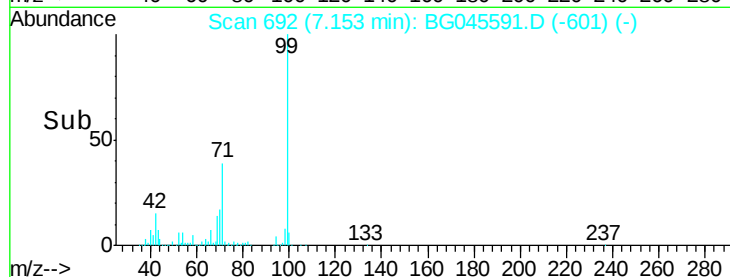
99 100

42 14.5 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: 53.565 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

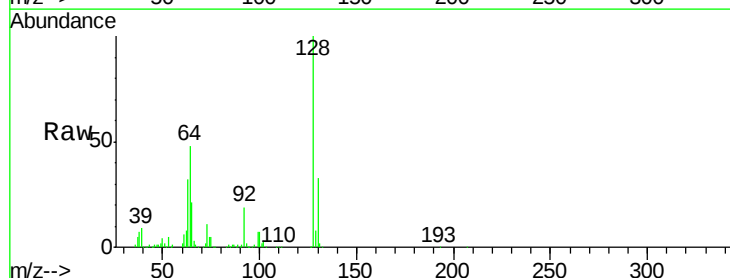
Tgt Ion: 128 Resp: 202371

Ion Ratio Lower Upper

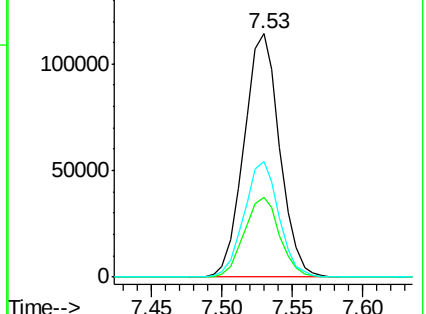
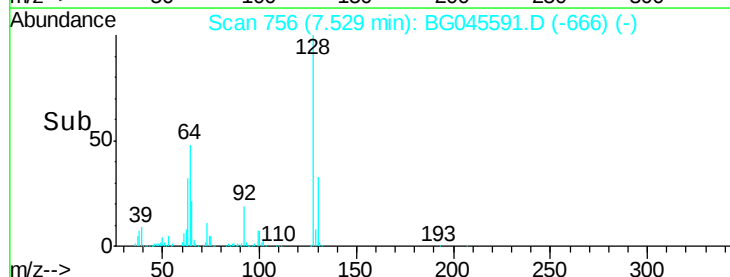
128 100

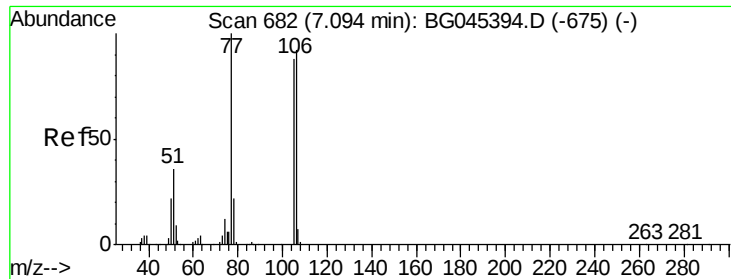
130 32.7 12.6 52.6

64 47.6 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: 38.577 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

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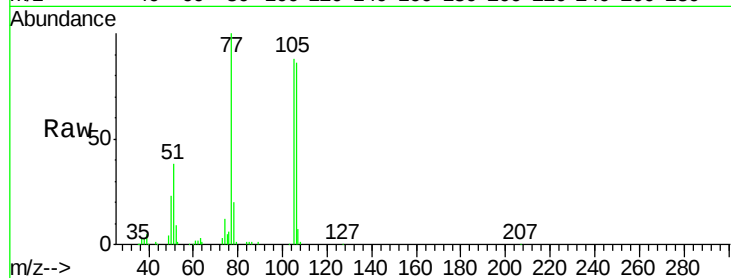
Tot Ion: 77 Resp: 123244

Ion Ratio Lower Upper

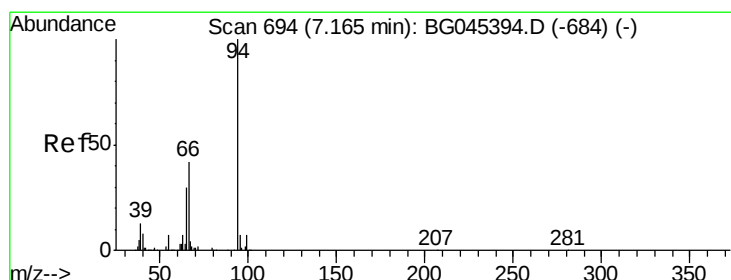
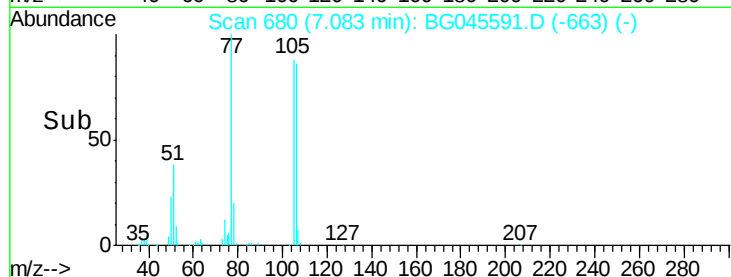
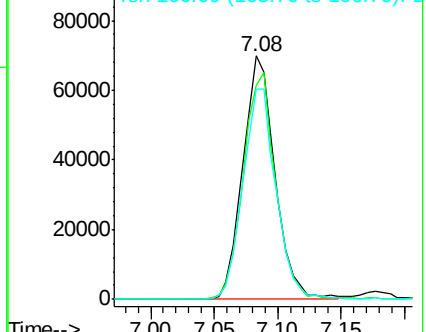
77 100

105 87.7 68.5 108.5

106 86.4 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: 53.655 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

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Acq: 3 Jun 2020 21:42

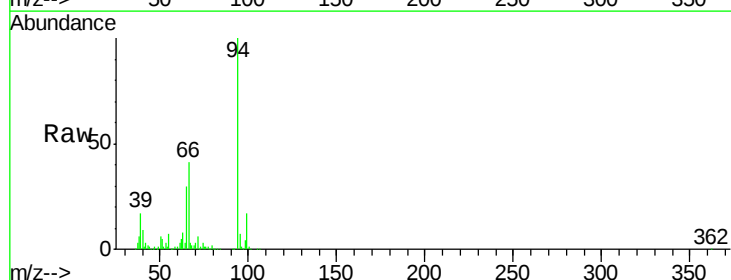
Tgt Ion: 94 Resp: 271158

Ion Ratio Lower Upper

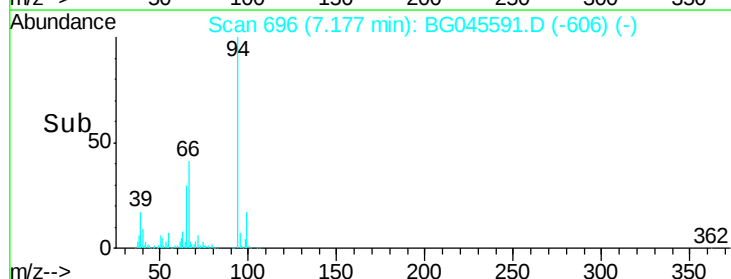
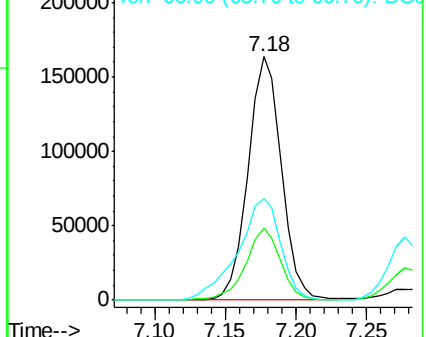
94 100

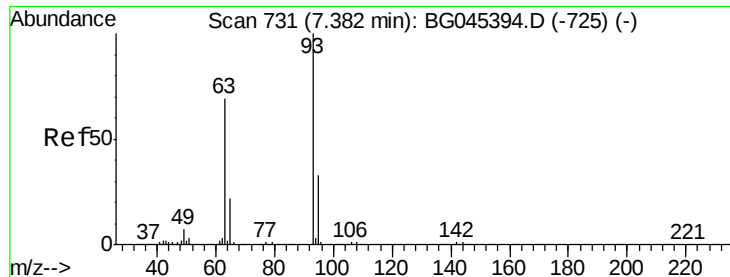
65 29.5 9.8 49.8

66 41.5 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

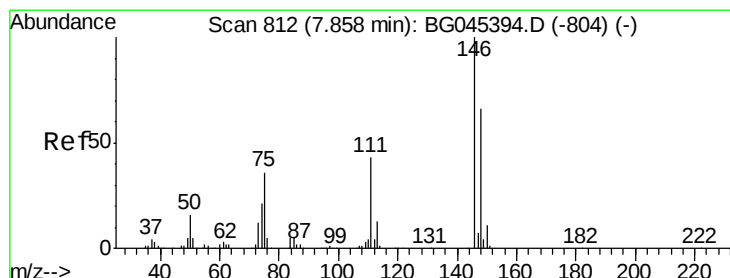
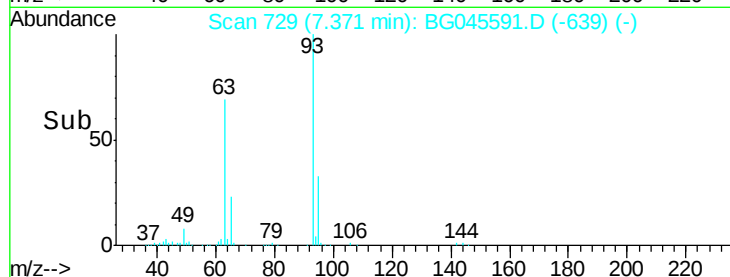
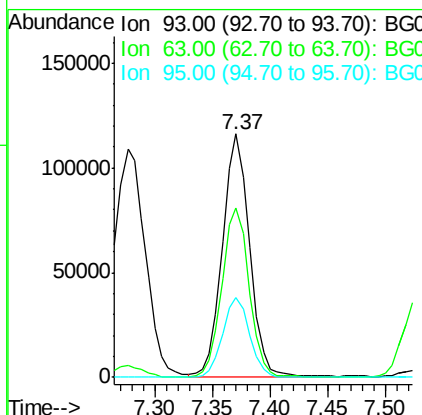
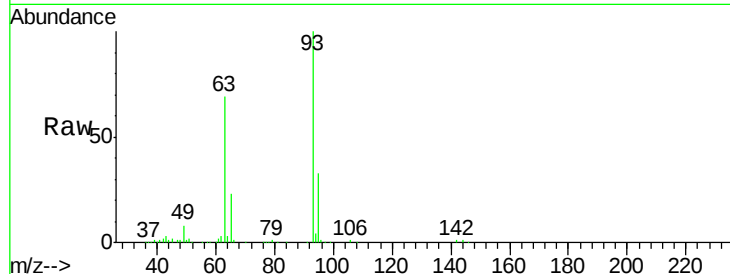




#11
bis(2-Chloroethyl)ether
Concen: 47.690 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

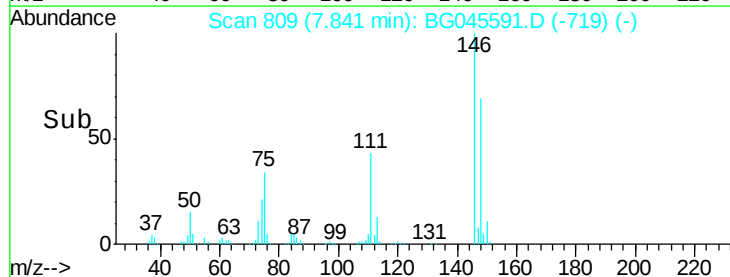
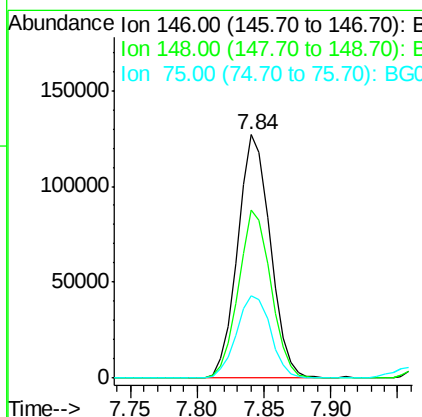
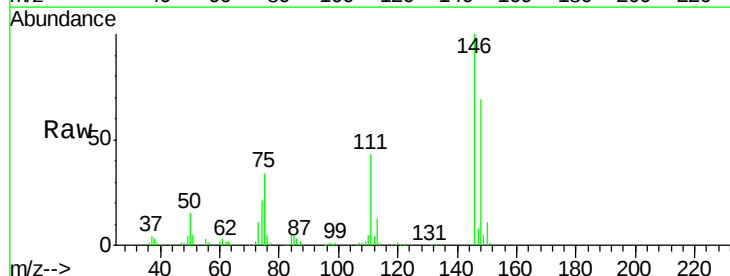
Instrument :
BNA_G
ClientSampleId :

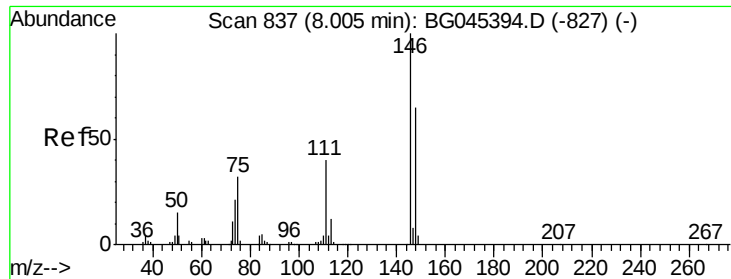
Tot Ion	93	Resp	187989
Ion	Ratio	Lower	Upper
93	100		
63	69.3	48.4	88.4
95	32.8	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 47.403 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	146	Resp	215219
Ion	Ratio	Lower	Upper
146	100		
148	69.1	53.2	79.8
75	33.6	28.6	43.0

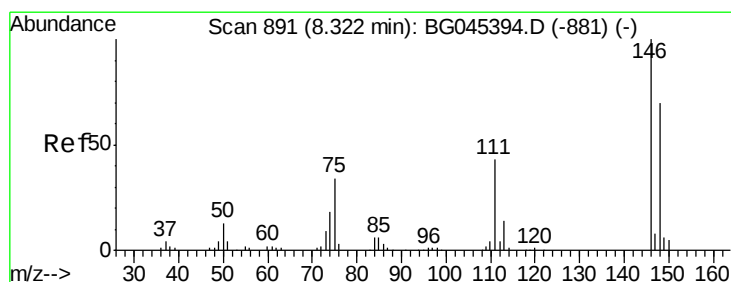
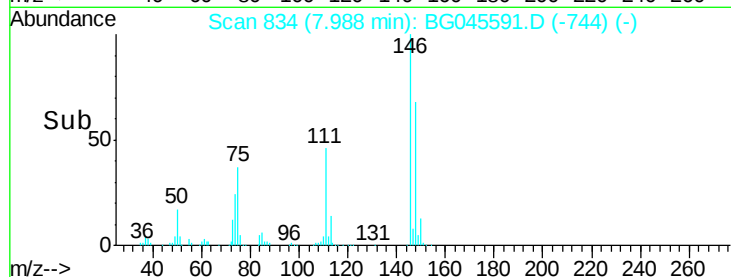
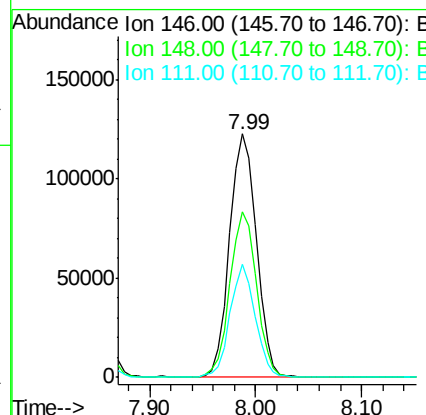
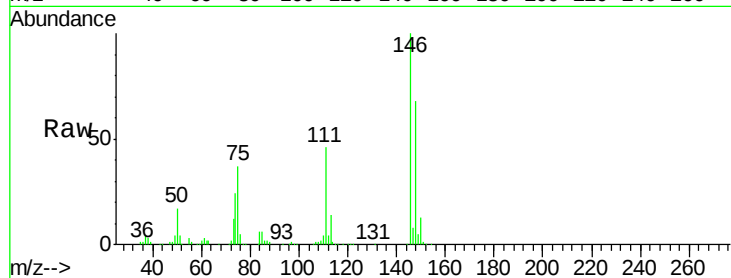




#13
 1,4-Dichlorobenzene
 Concen: 48.328 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

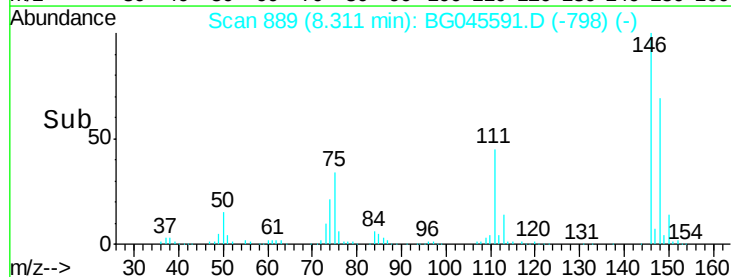
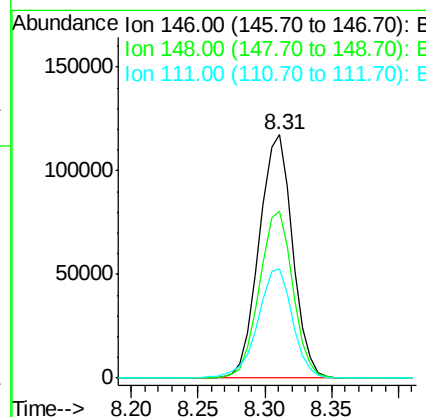
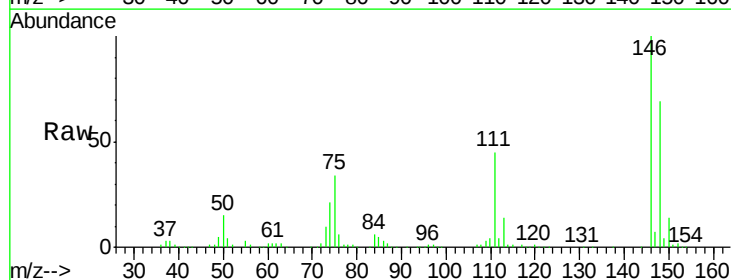
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 216536
 Ion Ratio Lower Upper
 146 100
 148 68.1 51.8 77.8
 111 46.3 32.1 48.1



#14
 1,2-Dichlorobenzene
 Concen: 47.244 ng
 RT: 8.31 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Tgt Ion:146 Resp: 203594
 Ion Ratio Lower Upper
 146 100
 148 68.5 55.9 83.9
 111 44.6 35.0 52.4





#15

Benzyl Alcohol

Concen: 50.329 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

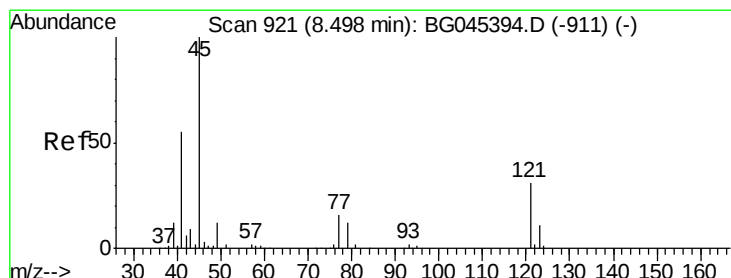
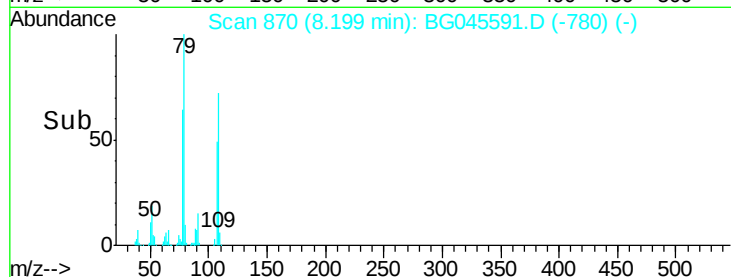
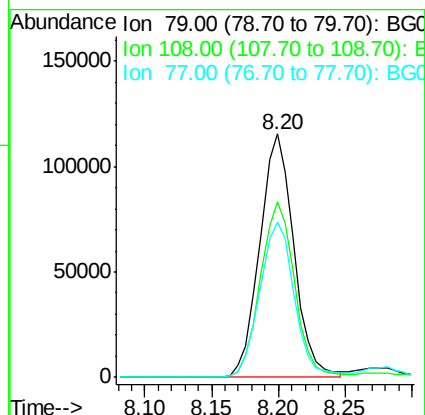
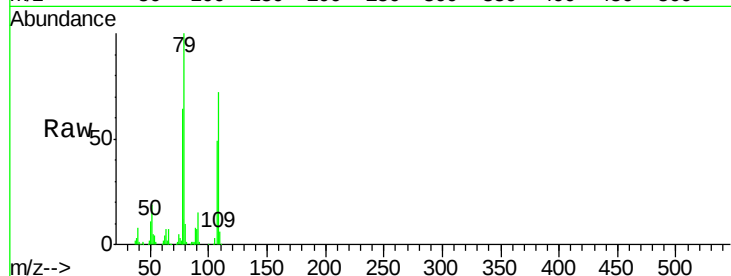
Tot Ion: 79 Resp: 203869

Ion Ratio Lower Upper

79 100

108 72.5 58.2 87.4

77 64.0 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.195 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

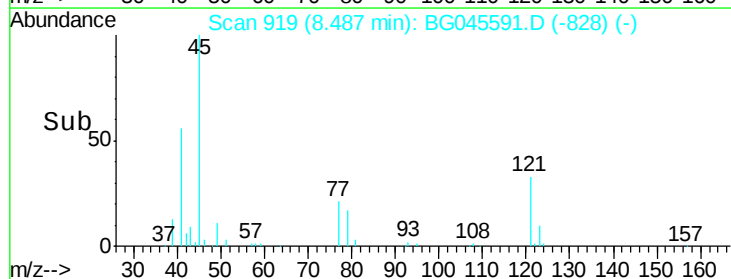
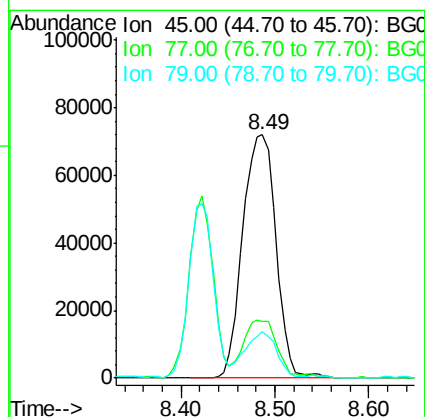
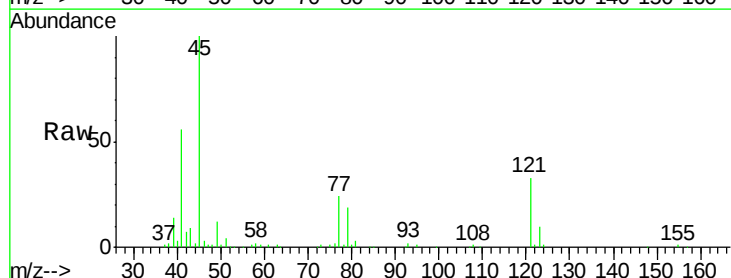
Tgt Ion: 45 Resp: 176595

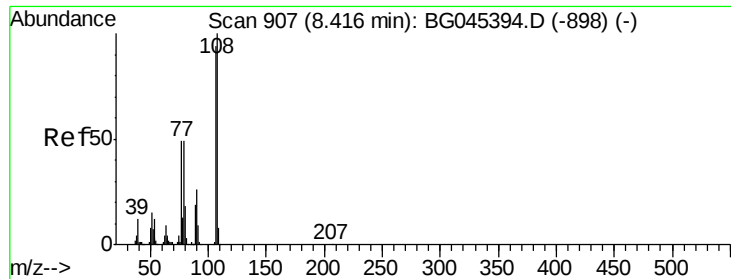
Ion Ratio Lower Upper

45 100

77 23.5 4.0 44.0

79 19.3 0.0 38.6

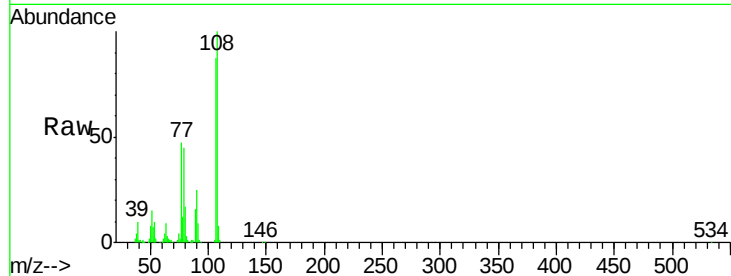




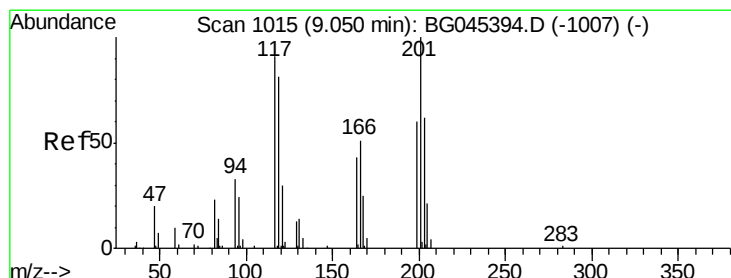
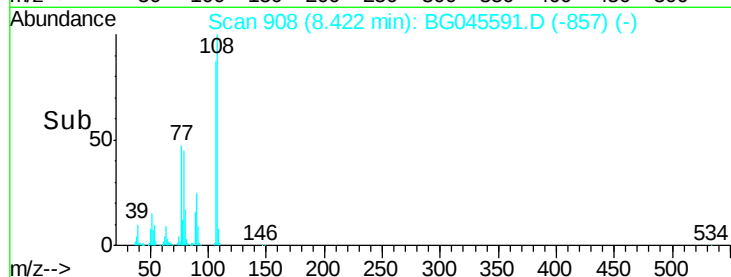
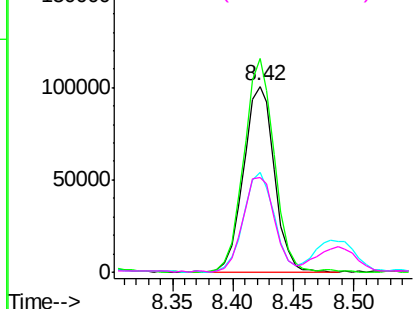
#17
2-Methylphenol
Concen: 47.173 ng
RT: 8.42 min Scan# 908
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 178441
Ion Ratio Lower Upper
107 100
108 114.9 85.2 127.8
77 53.6 41.6 62.4
79 51.2 41.8 62.8

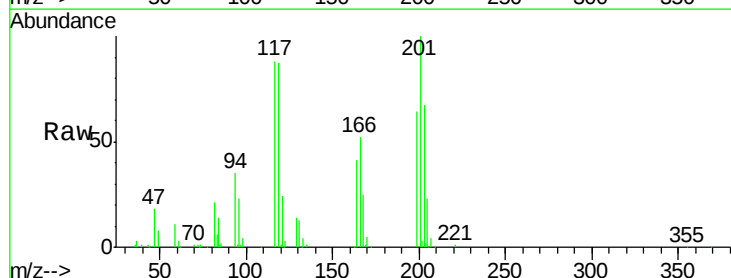


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

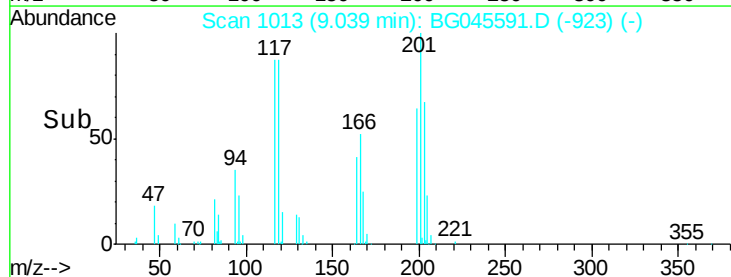
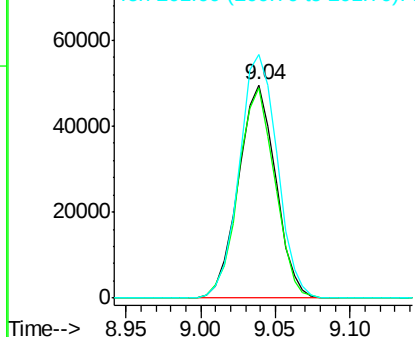


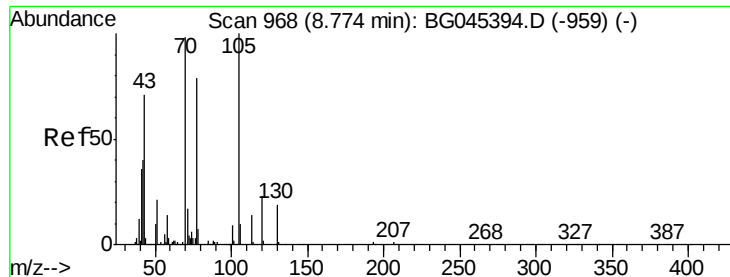
#18
Hexachloroethane
Concen: 50.036 ng
RT: 9.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion:117 Resp: 85863
Ion Ratio Lower Upper
117 100
119 98.8 71.3 106.9
201 114.3 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

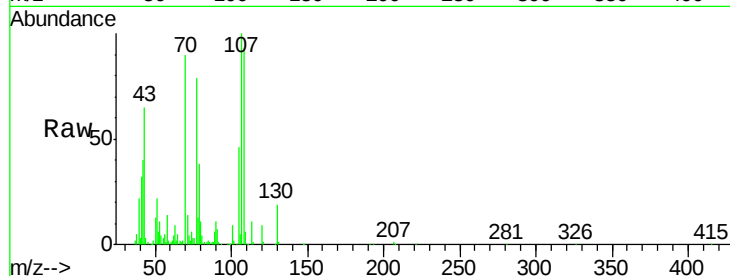




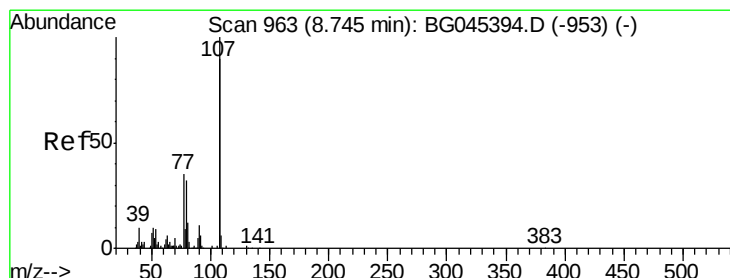
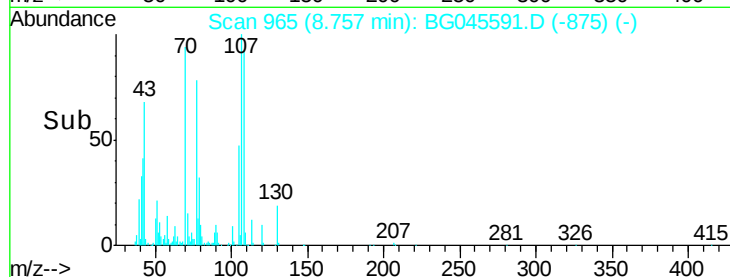
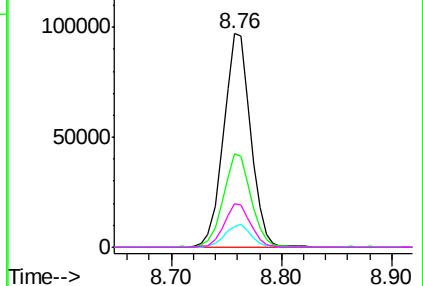
#19
n-Nitroso-di-n-propylamine
Concen: 48.976 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 166069
Ion Ratio Lower Upper
70 100
42 44.1 33.2 49.8
101 9.6 7.8 11.6
130 20.6 15.4 23.2



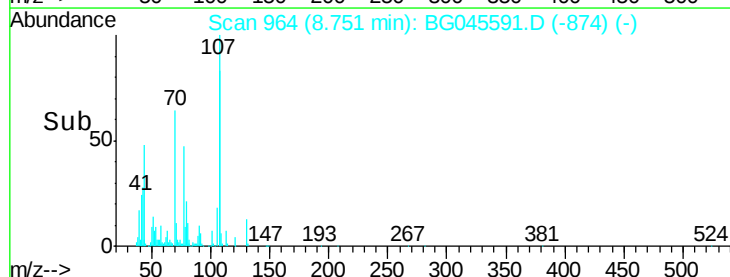
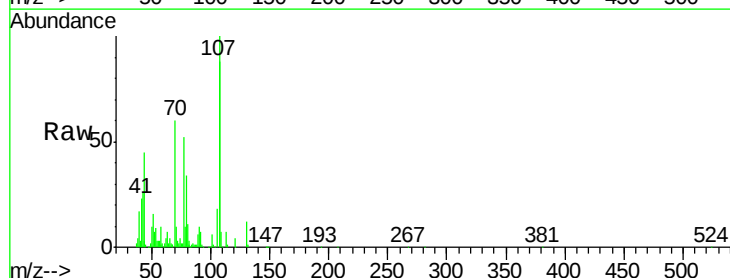
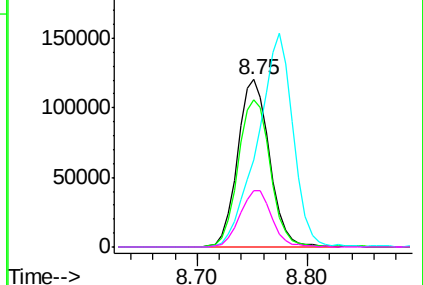
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

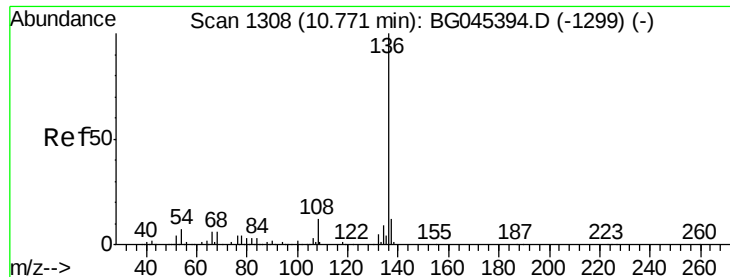


#20
3+4-Methylphenols
Concen: 47.456 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion: 107 Resp: 244446
Ion Ratio Lower Upper
107 100
108 88.0 70.3 110.3
77 52.1 15.4 55.4
79 33.9 12.6 52.6

Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

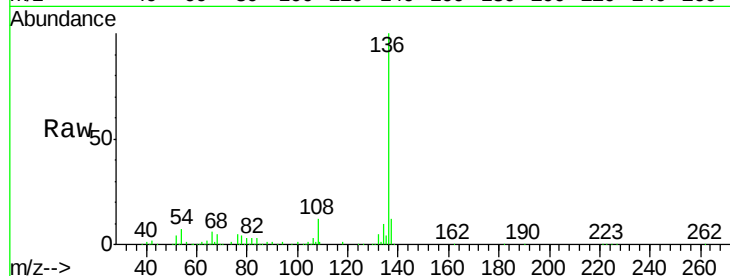




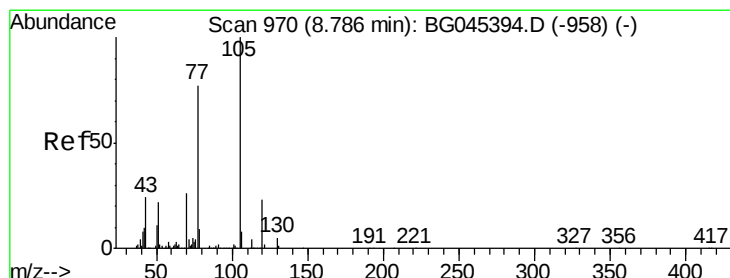
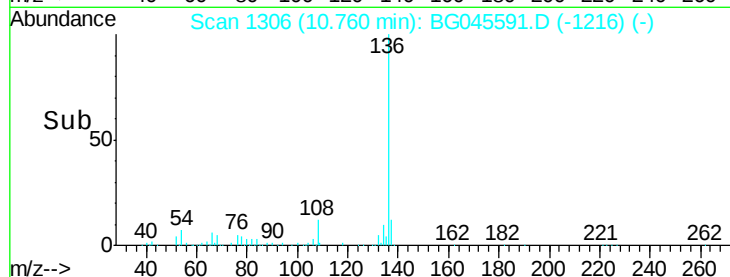
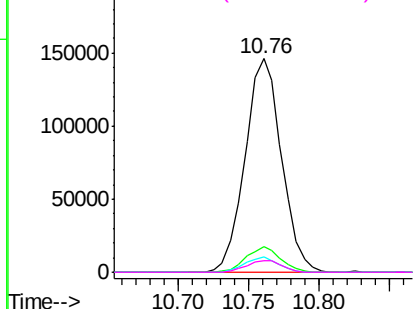
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 264438
Ion Ratio	Lower Upper
136 100	
137 12.3	9.4 14.2
54 7.1	5.8 8.6
68 5.2	4.5 6.7

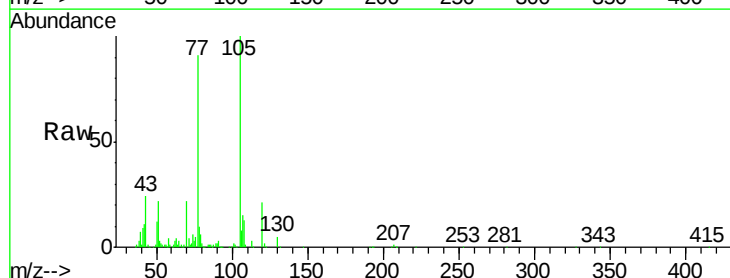


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

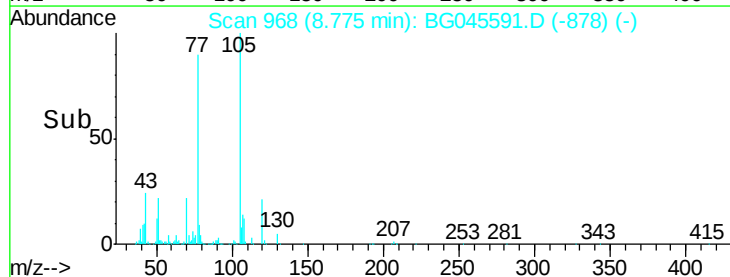
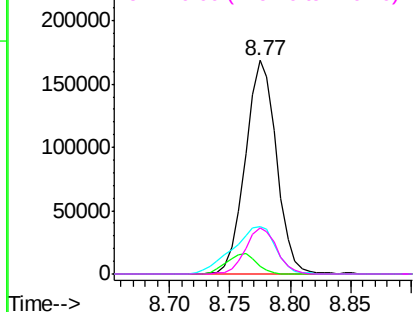


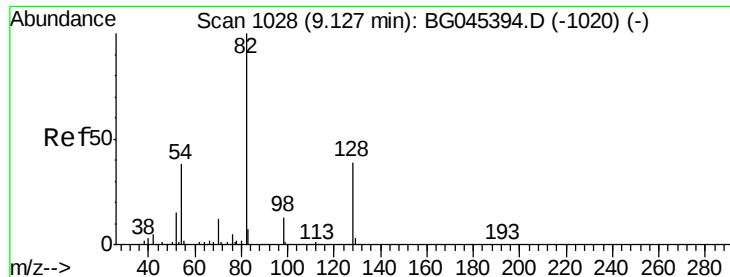
#22
Acetophenone
Concen: 48.382 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt	Ion:105	Resp:	303234
Ion	Ratio	Lower	Upper
105	100		
71	3.6	3.4	5.0
51	22.3	18.2	27.2
120	21.4	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

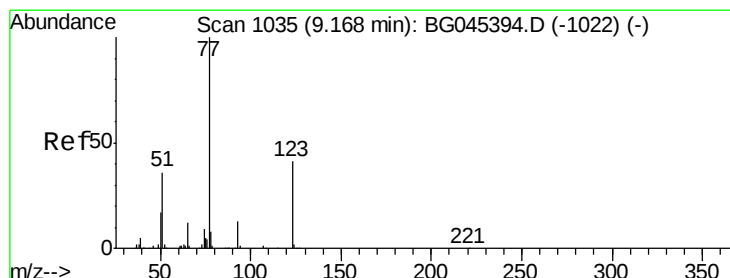
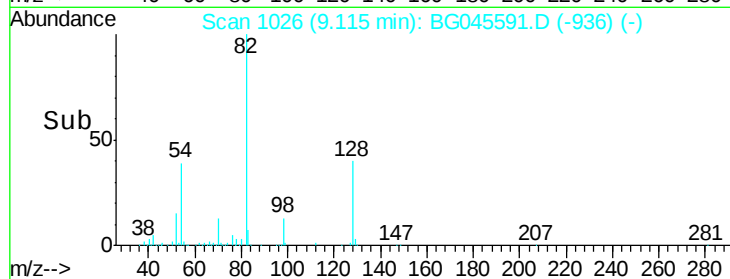
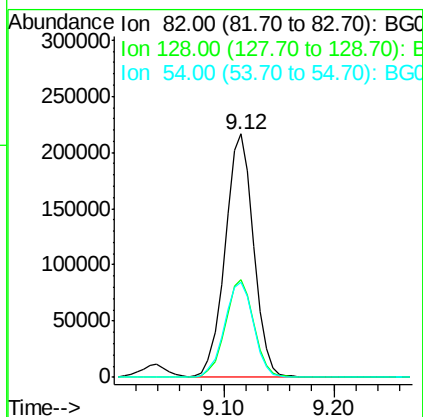
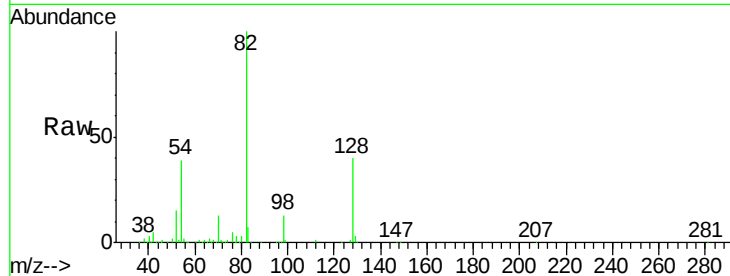




#23
 Nitrobenzene-d5
 Concen: 80.409 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

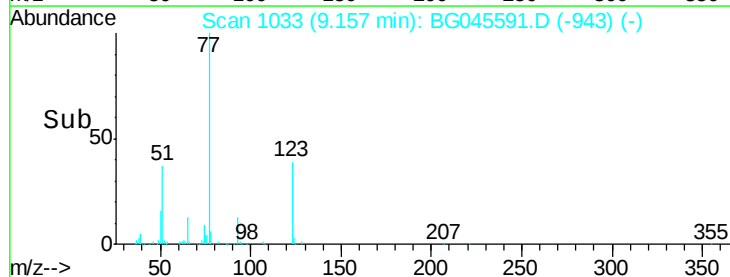
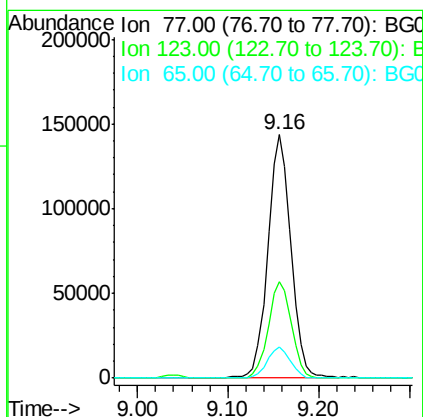
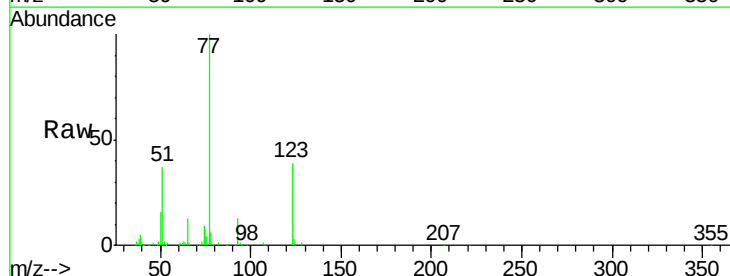
Instrument :
 BNA_G
 ClientSampleId :

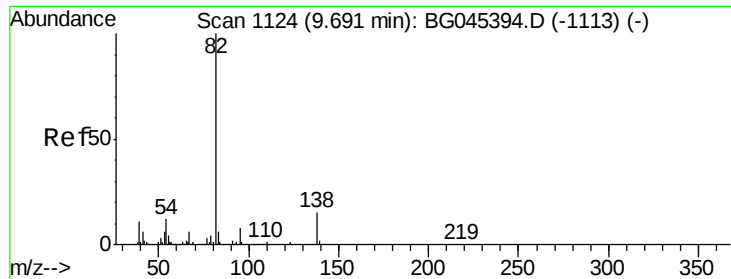
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.9	46.3
54	39.2	30.3	45.5



#24
 Nitrobenzene
 Concen: 49.009 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.4	32.9	49.3
65	12.7	9.4	14.2





#25

Isophorone

Concen: 48.375 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

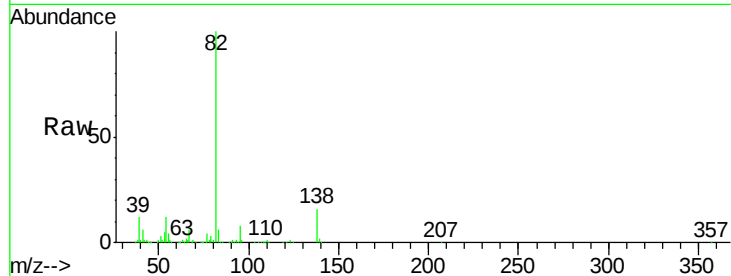
Tot Ion: 82 Resp: 461984

Ion Ratio Lower Upper

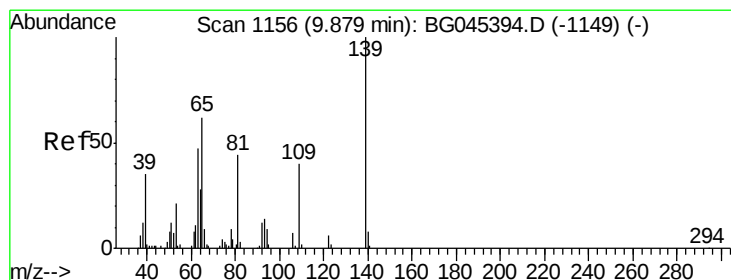
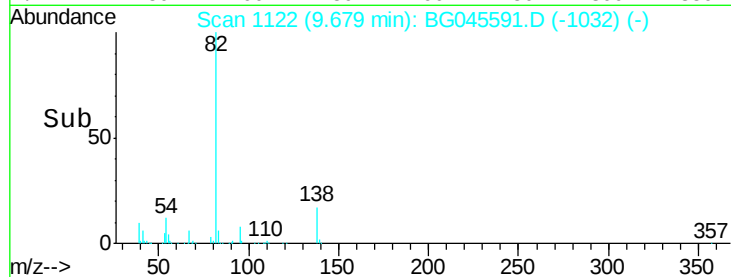
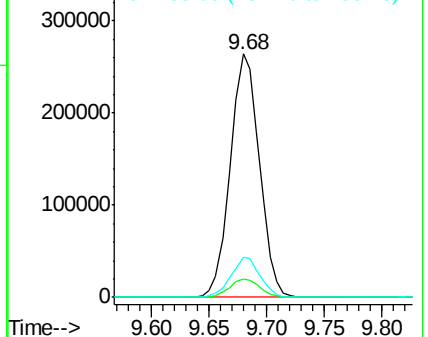
82 100

95 7.7 6.7 10.1

138 16.4 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: 52.818 ng

RT: 9.87 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

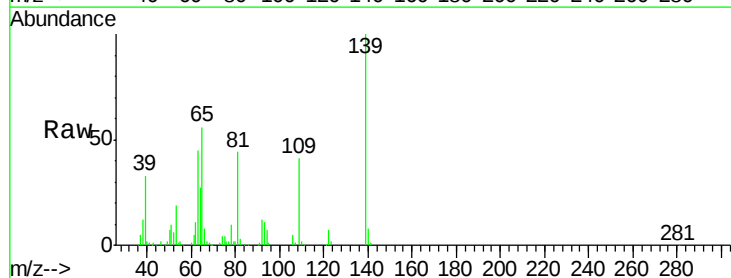
Tgt Ion: 139 Resp: 117391

Ion Ratio Lower Upper

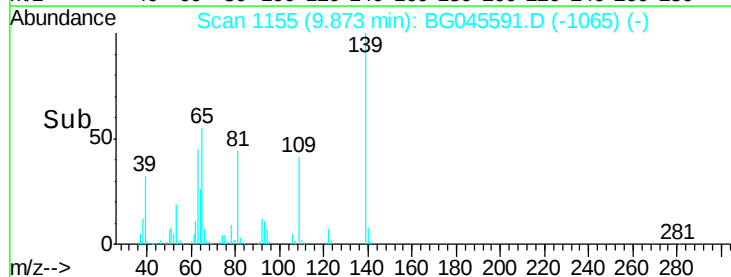
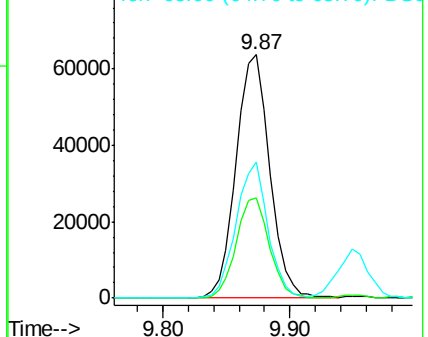
139 100

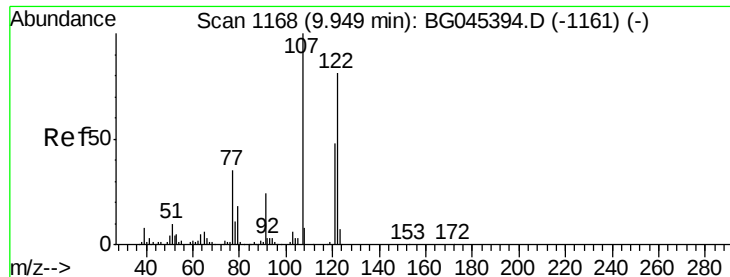
109 41.2 32.2 48.4

65 55.7 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

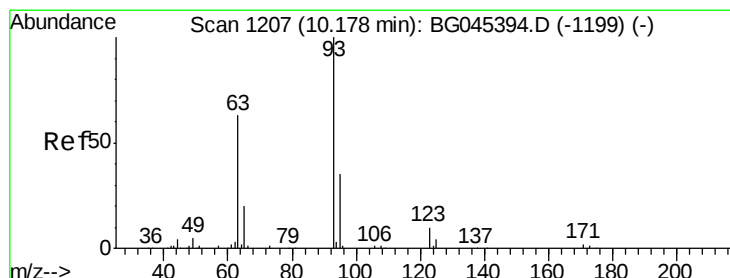
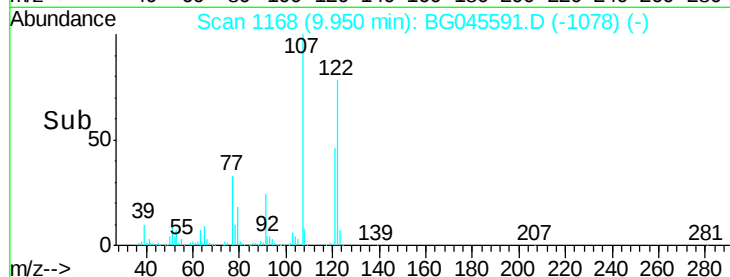
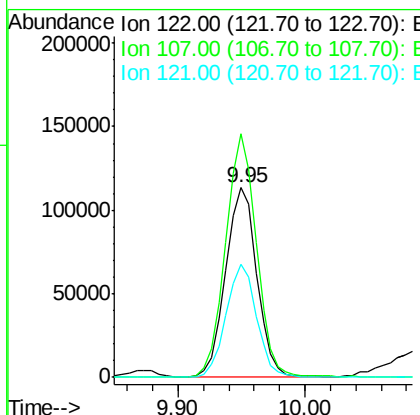
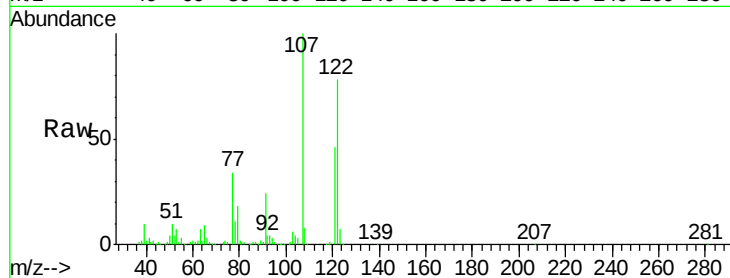




#27
 2,4-Dimethylphenol
 Concen: 59.005 ng
 RT: 9.95 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

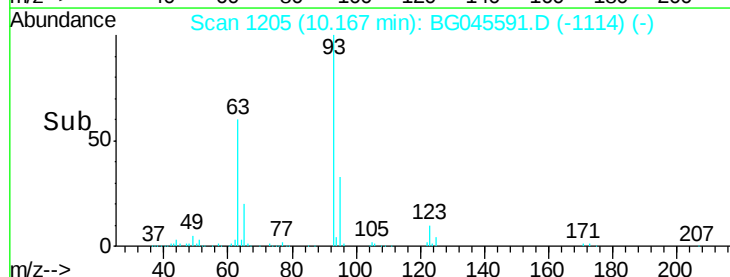
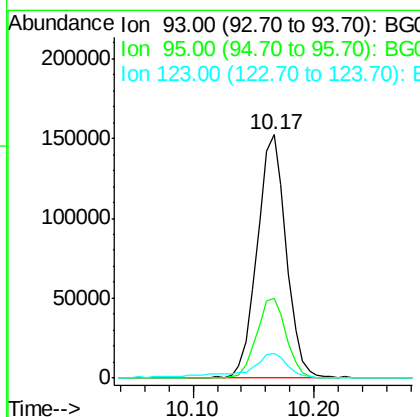
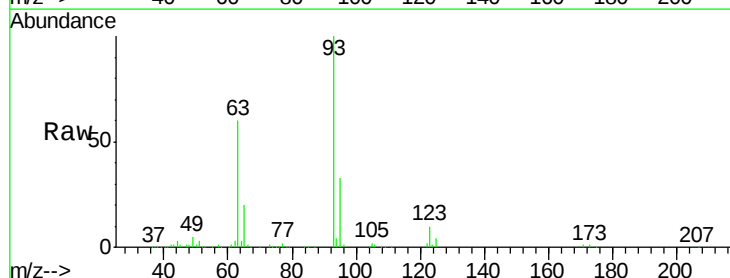
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.5	99.0	148.4
121	59.3	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.490 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.6	41.4
123	10.3	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 53.508 ng

RT: 10.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

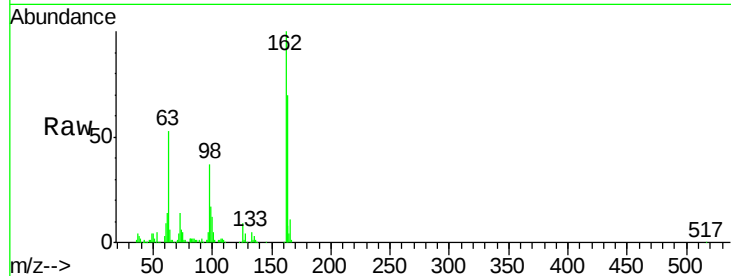
Tot Ion:162 Resp: 208286

Ion Ratio Lower Upper

162 100

164 70.2 46.8 86.8

98 37.0 15.2 55.2

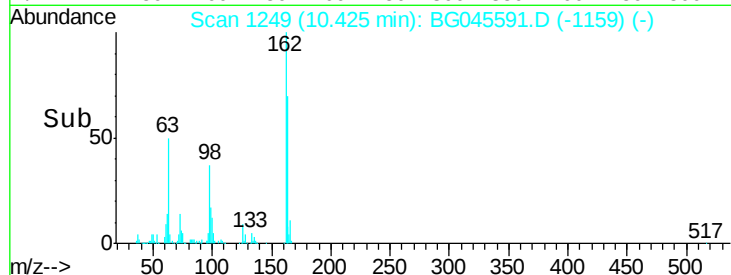


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



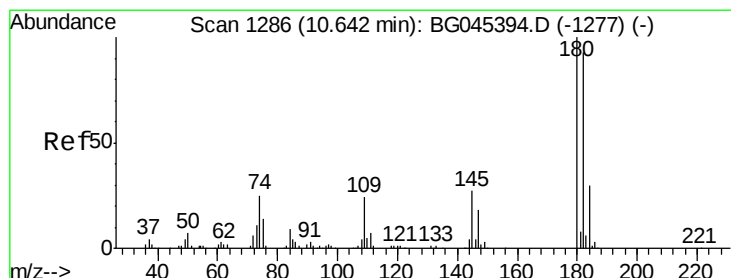
Abundance

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

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 50.146 ng

RT: 10.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

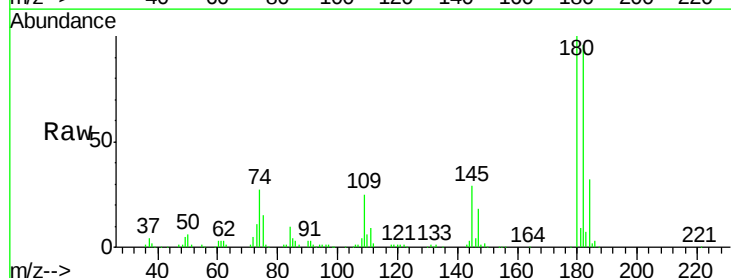
Tgt Ion:180 Resp: 230654

Ion Ratio Lower Upper

180 100

182 96.0 74.8 112.2

145 29.2 21.9 32.9

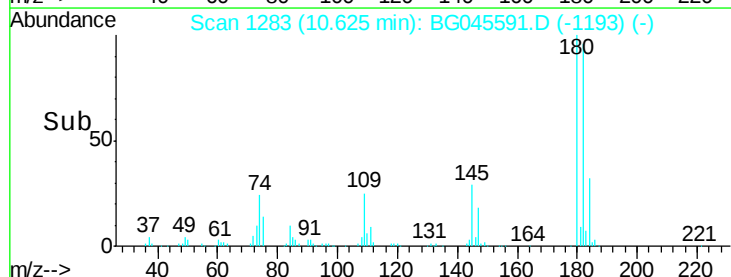


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->



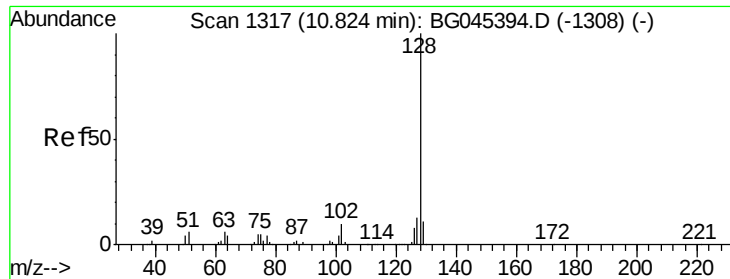
Abundance

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

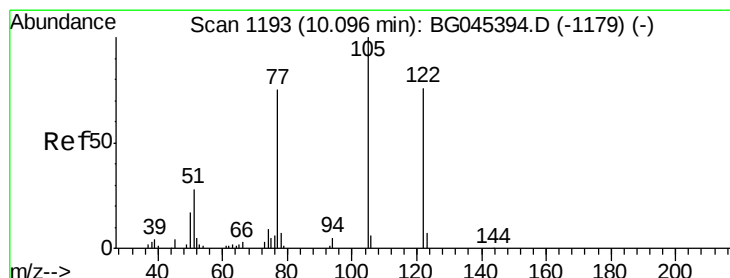
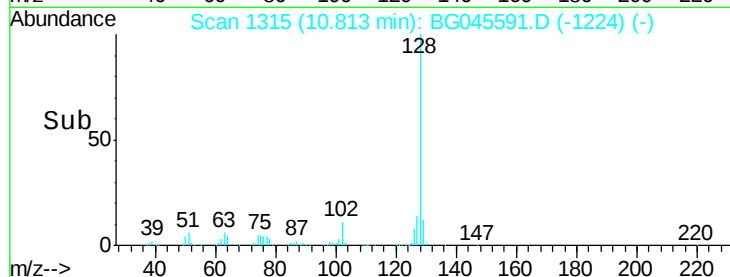
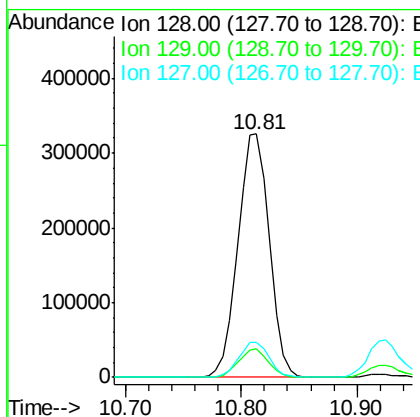
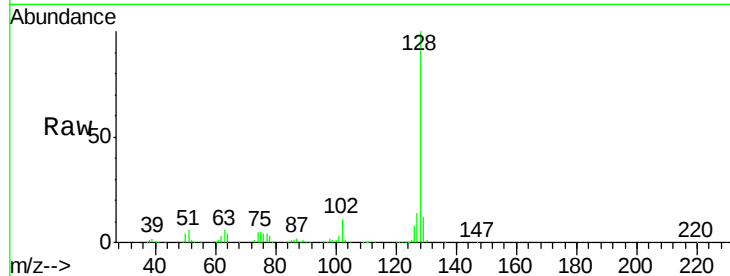
Time-->



#31
Naphthalene
Concen: 49.751 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

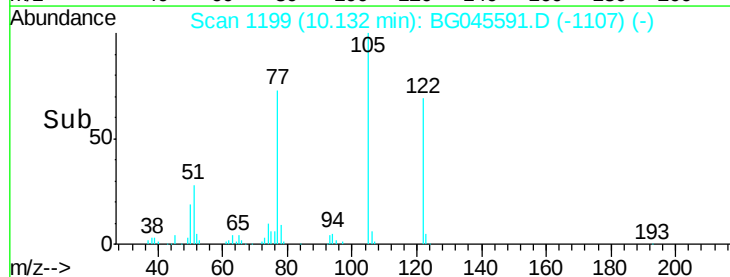
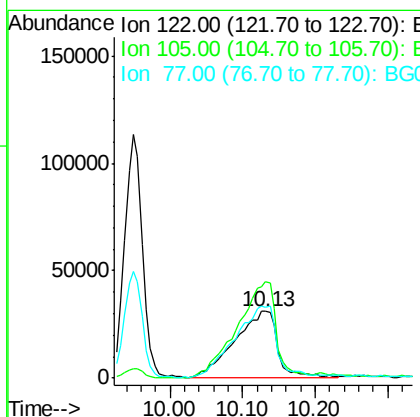
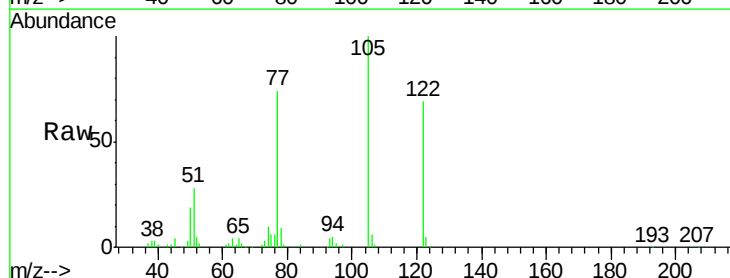
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 613068
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 14.2 10.7 16.1



#32
Benzoic acid
Concen: 54.482 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion:122 Resp: 125979
Ion Ratio Lower Upper
122 100
105 145.0 107.9 147.9
77 107.3 78.9 118.9

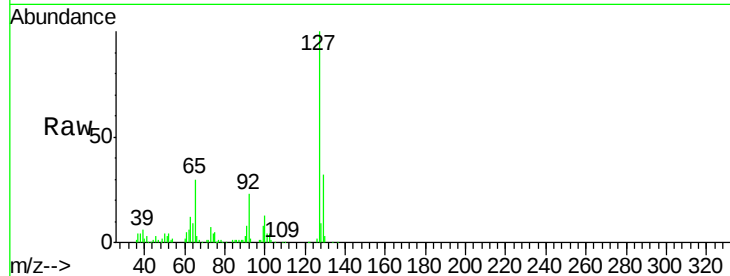




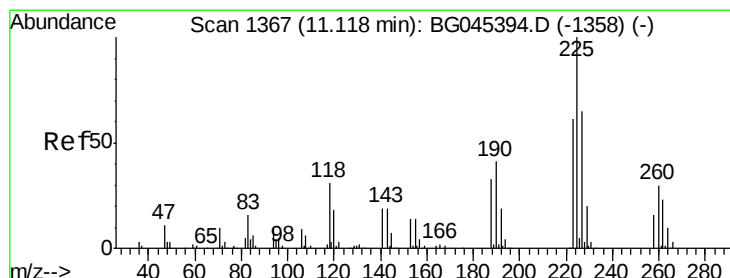
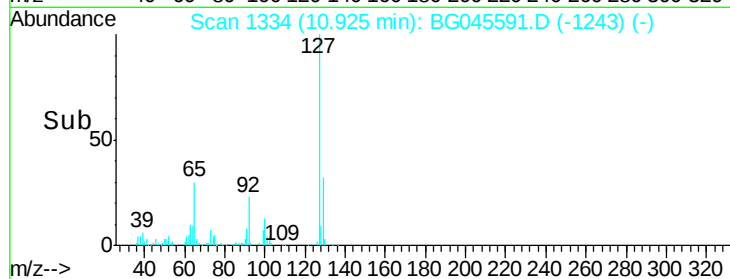
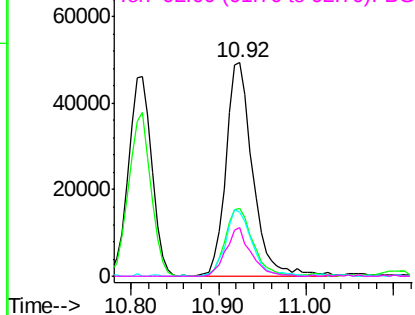
#33
4-Chloroaniline
Concen: 20.160 ng
RT: 10.92 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	103843
Ion	Ratio	Lower Upper
127	100	
129	31.8	24.7 37.1
65	30.1	26.2 39.2
92	23.0	17.9 26.9

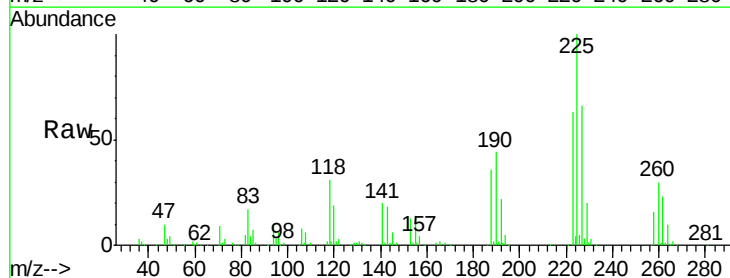


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

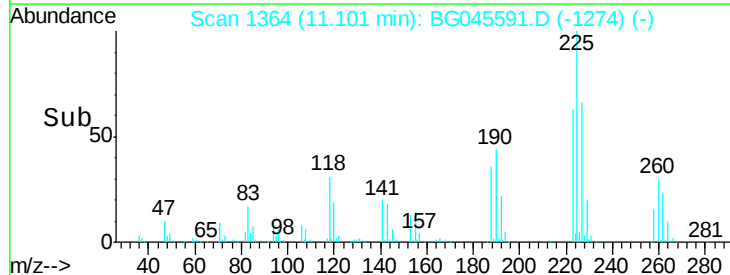
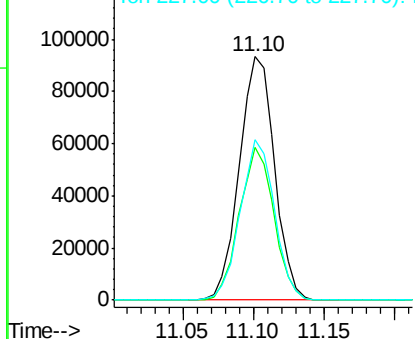


#34
Hexachlorobutadiene
Concen: 50.073 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion:225	Resp:	162807
Ion	Ratio	Lower Upper
225	100	
223	62.5	49.1 73.7
227	65.9	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

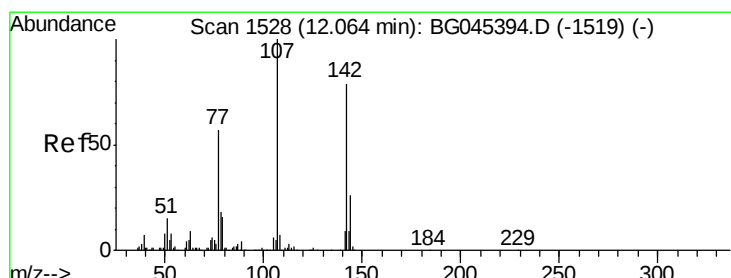
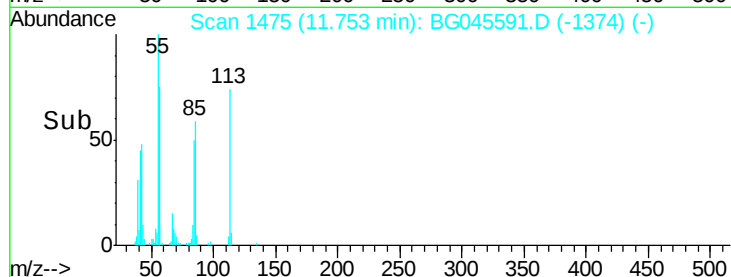
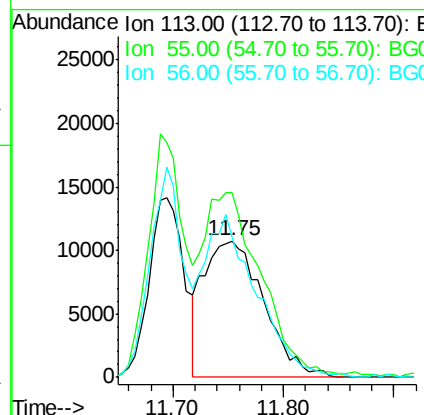
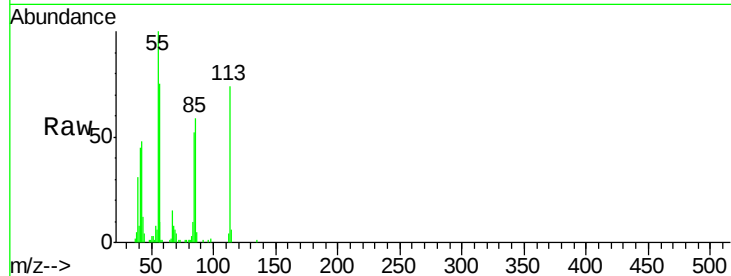




#35
 Caprolactam
 Concen: 28.242 ng
 RT: 11.75 min Scan# 1475
 Delta R.T. 0.07 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

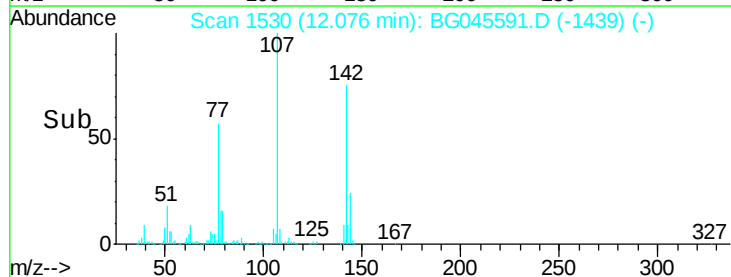
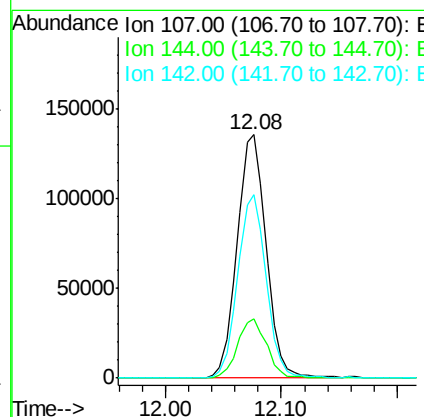
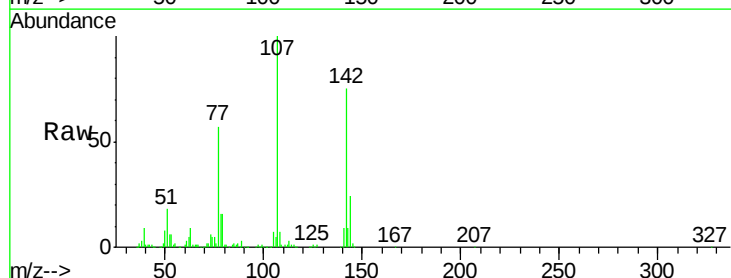
Instrument :
 BNA_G
 ClientSampleId :

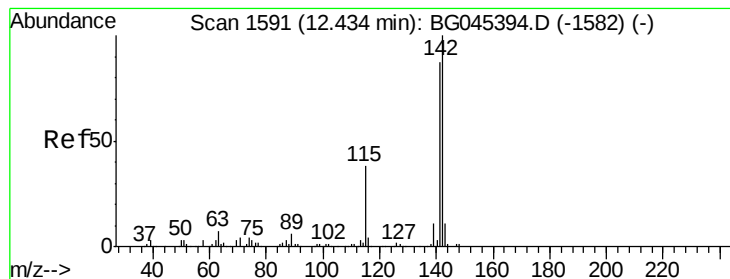
Tot Ion:113 Resp: 40352
 Ion Ratio Lower Upper
 113 100
 55 135.7 96.0 136.0
 56 102.2 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 53.939 ng
 RT: 12.08 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Tgt Ion:107 Resp: 236597
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.8 31.2
 142 75.1 62.8 94.2





#37

2-Methylnaphthalene

Concen: 51.181 ng

RT: 12.42 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

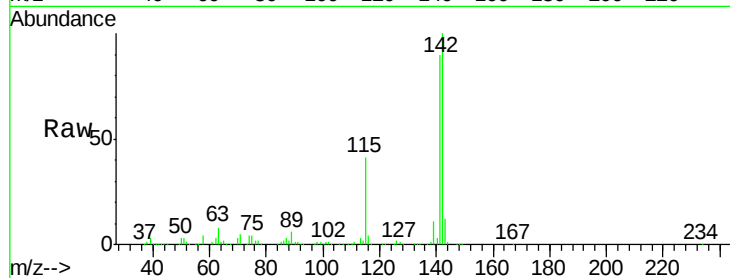
Tot Ion:142 Resp: 470073

Ion Ratio Lower Upper

142 100

141 90.4 70.0 105.0

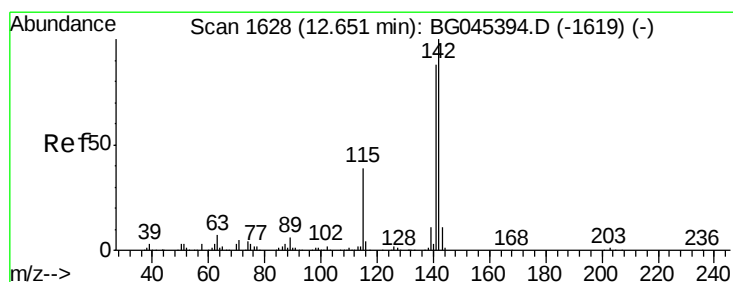
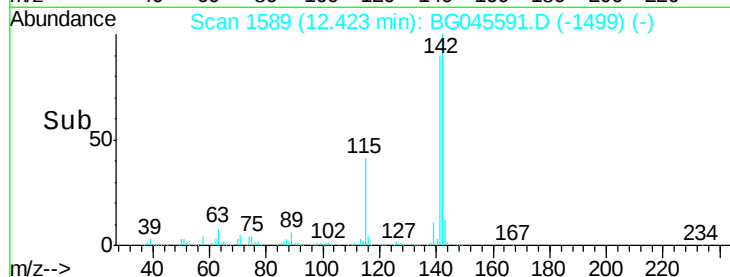
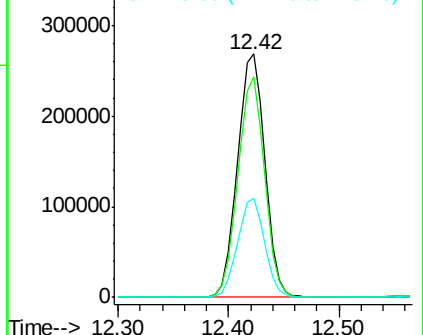
115 40.5 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 54.181 ng

RT: 12.42 min Scan# 1589

Delta R.T. -0.22 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

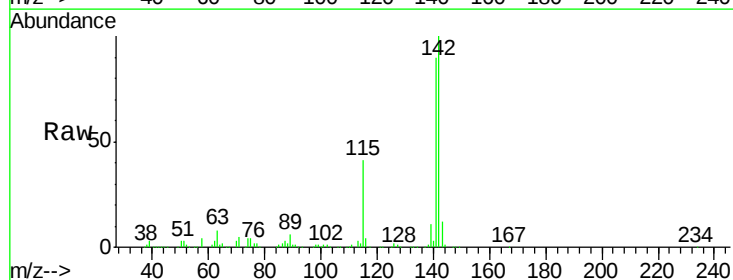
Tgt Ion:142 Resp: 470073

Ion Ratio Lower Upper

142 100

141 90.4 70.8 106.2

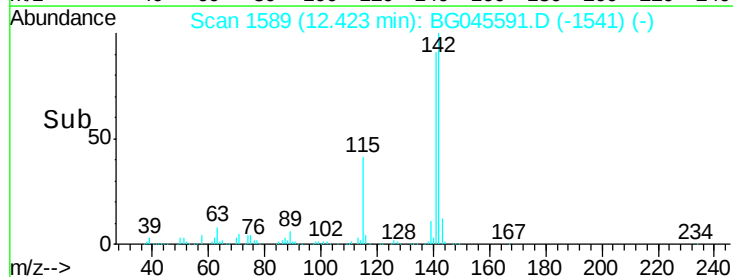
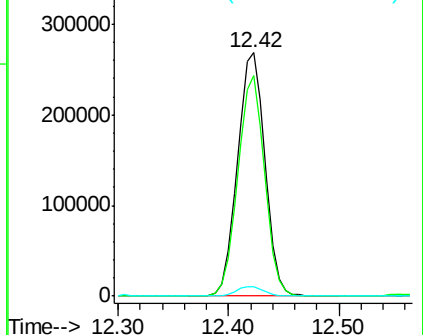
116 4.0 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

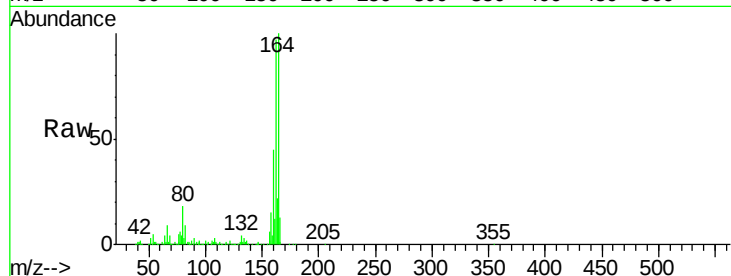
Tot Ion:164 Resp: 183997

Ion Ratio Lower Upper

164 100

162 97.1 76.9 115.3

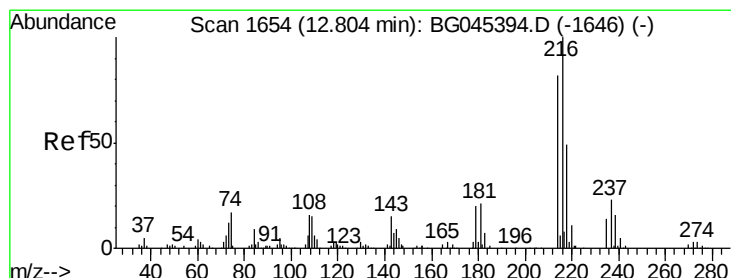
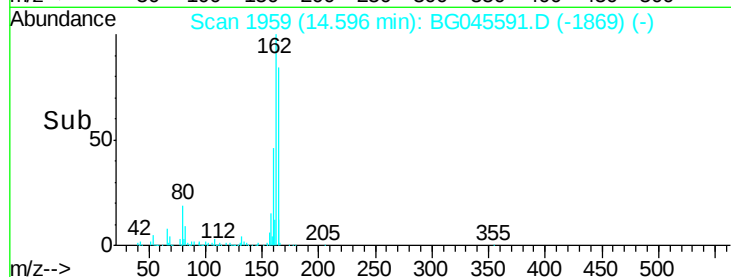
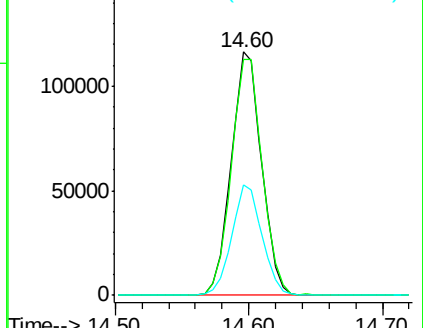
160 45.4 33.8 50.8



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: 51.861 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Tgt Ion:216 Resp: 266529

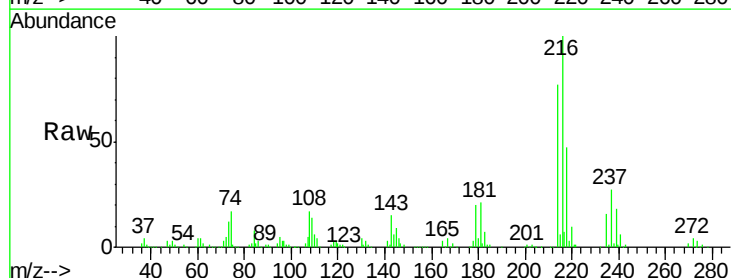
Ion Ratio Lower Upper

216 100

214 80.3 63.7 95.5

179 20.1 16.1 24.1

108 20.0 13.8 20.6

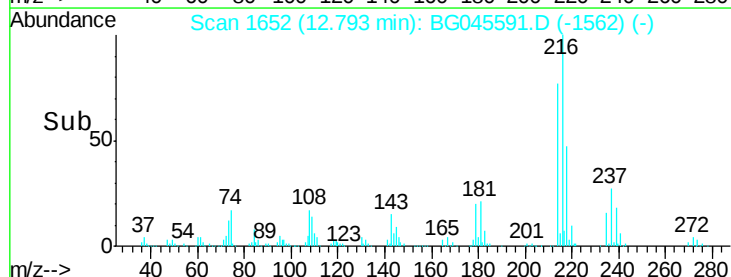
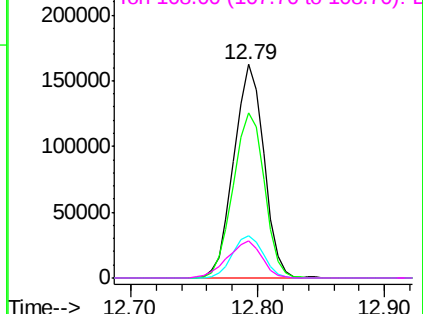


Abundance Ion 216.00 (215.70 to 216.70): E

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: 104.170 ng

RT: 12.78 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

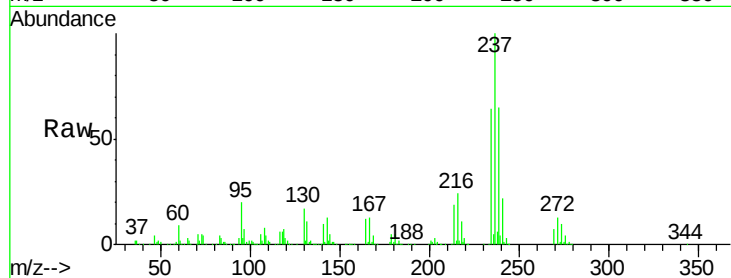
Tot Ion:237 Resp: 309003

Ion Ratio Lower Upper

237 100

235 64.3 44.4 84.4

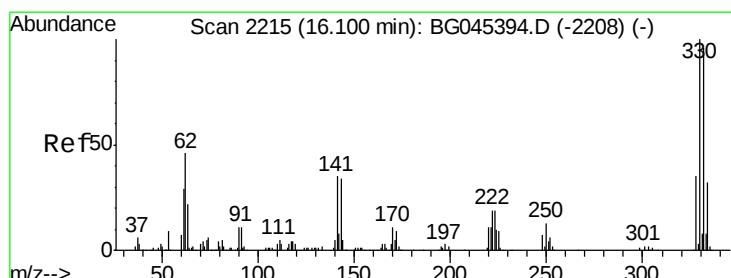
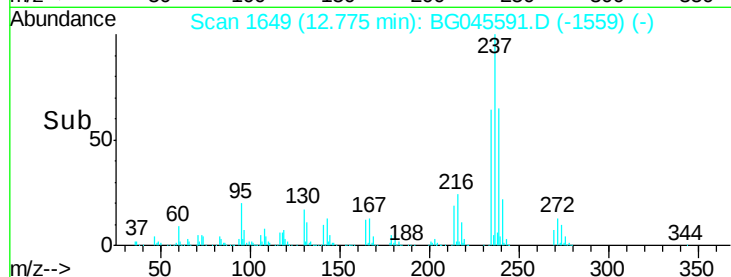
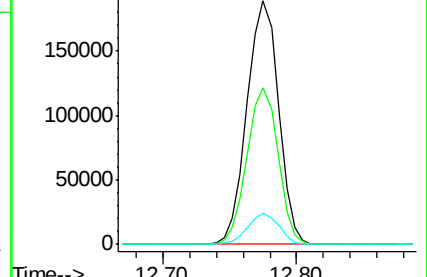
272 12.6 0.0 32.5



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: 122.309 ng

RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

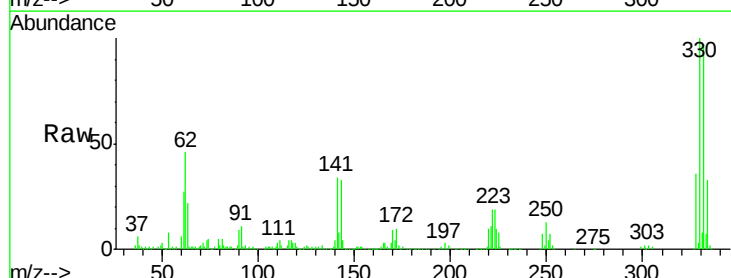
Tgt Ion:330 Resp: 287807

Ion Ratio Lower Upper

330 100

332 98.3 78.2 117.4

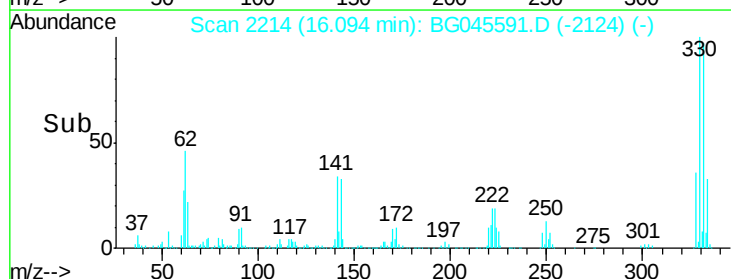
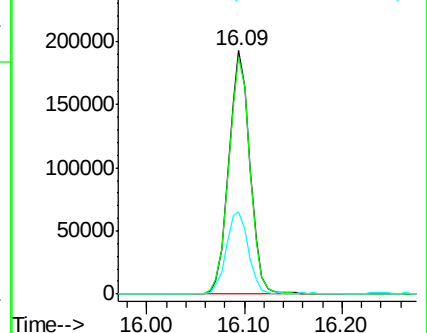
141 35.1 28.2 42.4



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

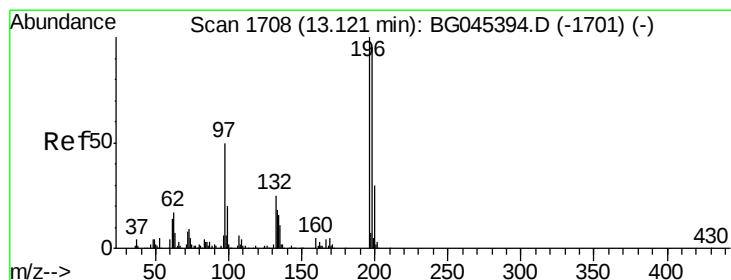
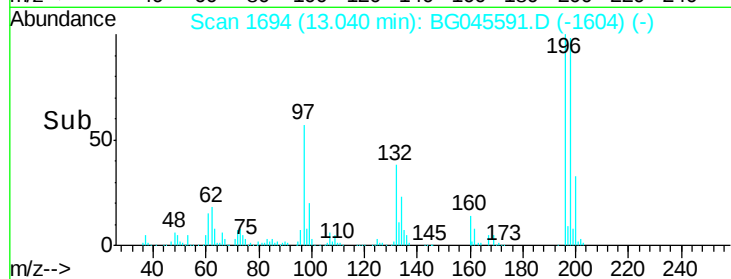
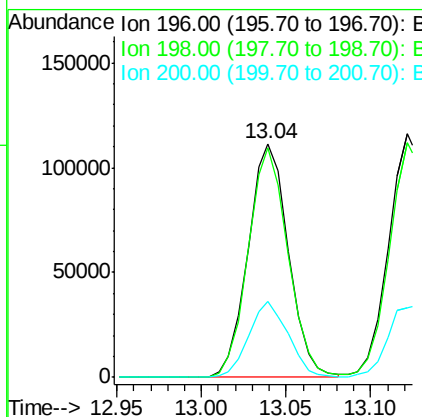
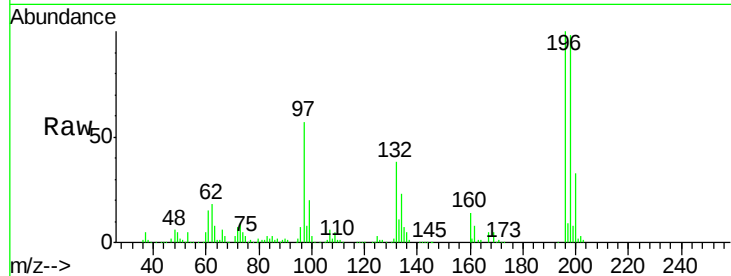




#43
 2,4,6-Trichlorophenol
 Concen: 51.556 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

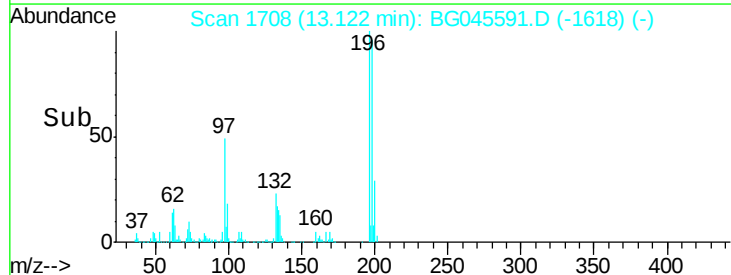
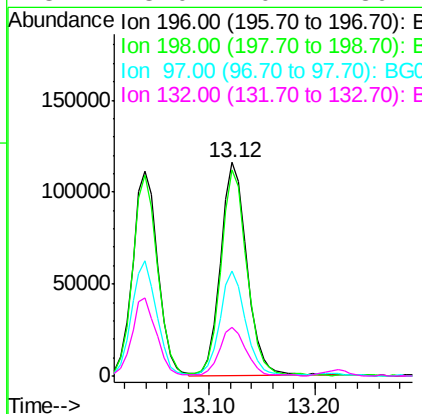
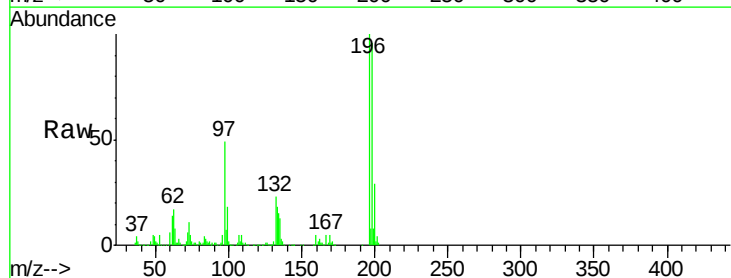
Instrument :
 BNA_G
 ClientSampleId :

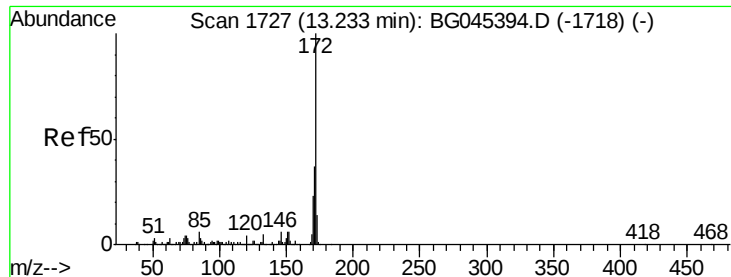
Tot Ion:196 Resp: 184061
 Ion Ratio Lower Upper
 196 100
 198 98.4 76.7 115.1
 200 32.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 49.115 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Tgt Ion:196 Resp: 200373
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.1 114.1
 97 48.9 40.0 60.0
 132 23.0 20.2 30.2

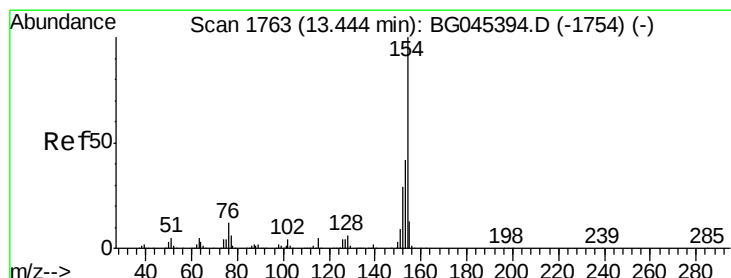
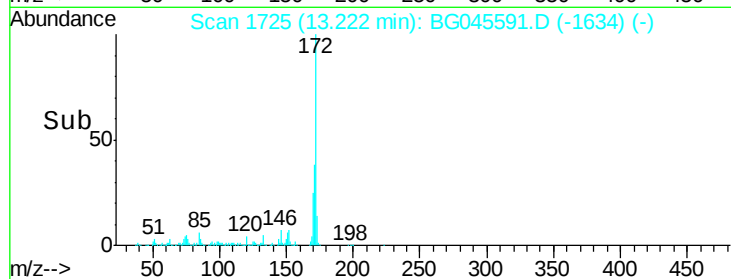
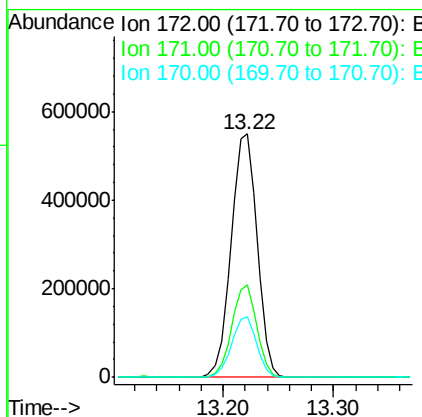
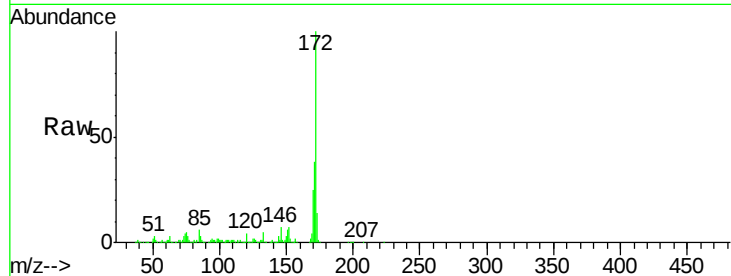




#45
2-Fluorobiphenyl
Concen: 84.005 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

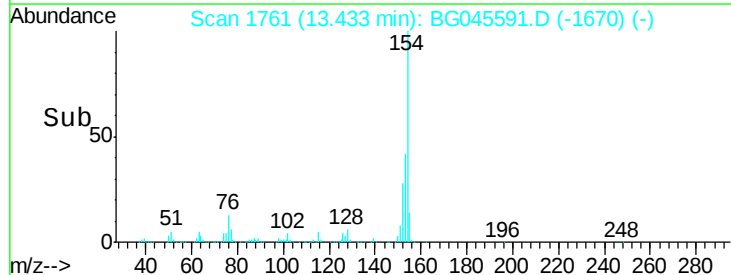
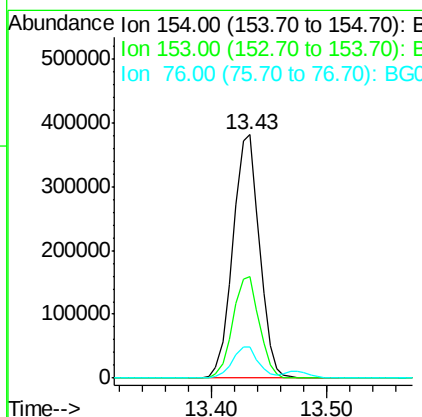
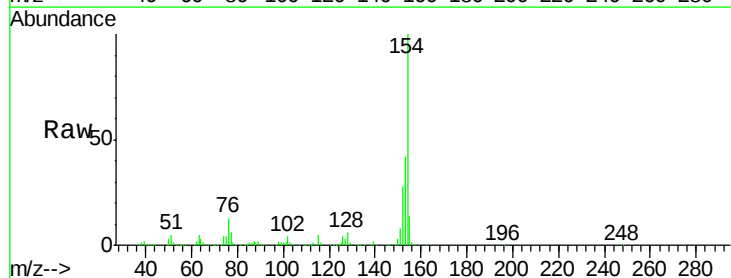
Instrument :
BNA_G
ClientSampleId :

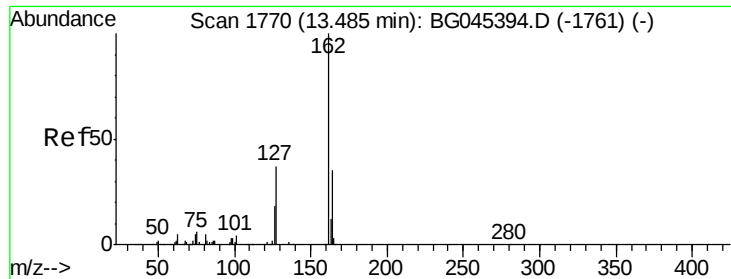
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.5	44.3
170	24.7	18.5	27.7



#46
1,1'-Biphenyl
Concen: 53.668 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.2	62.2
76	13.0	0.0	32.4

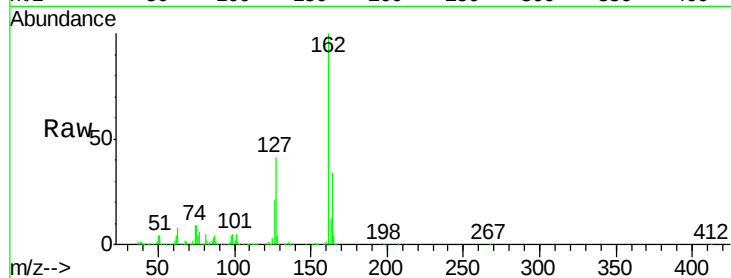




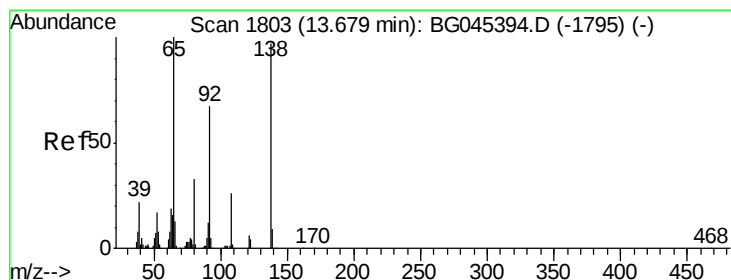
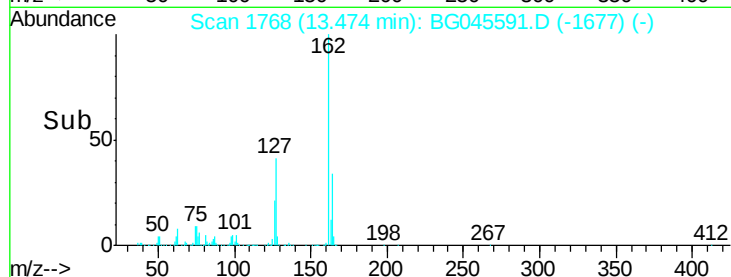
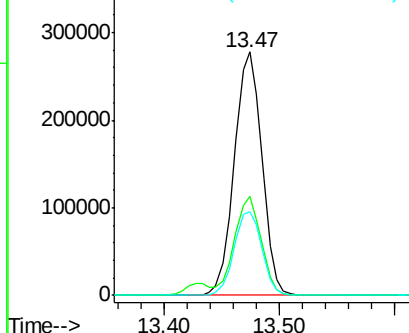
#47
 2-Chloronaphthalene
 Concen: 50.045 ng
 RT: 13.47 min Scan# 1768
 Delta R.T. 0.01 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.6	47.4
164	34.3	28.1	42.1

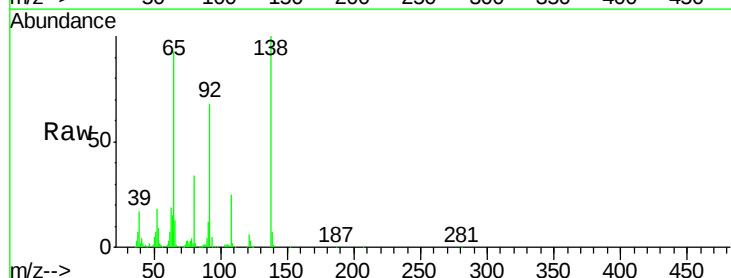


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

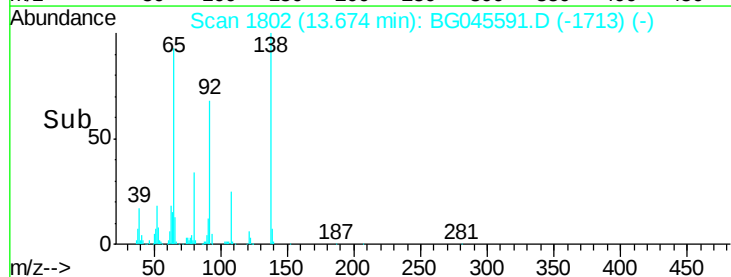
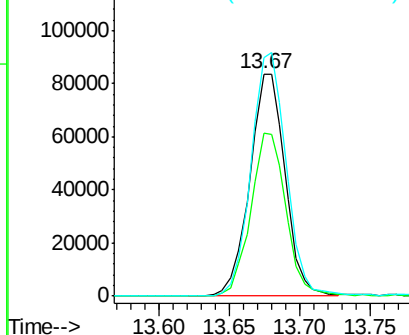


#48
 2-Nitroaniline
 Concen: 48.804 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	53.8	80.8
138	107.2	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): E





#49

Acenaphthylene

Concen: 51.393 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

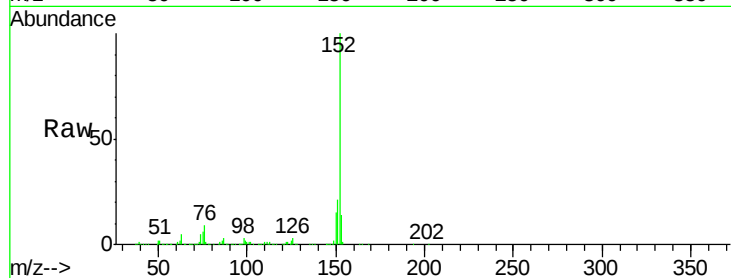
Tot Ion:152 Resp: 757866

Ion Ratio Lower Upper

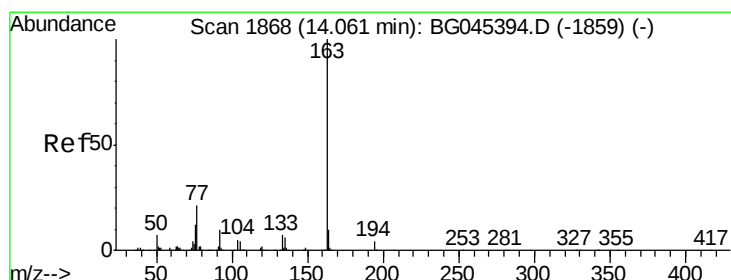
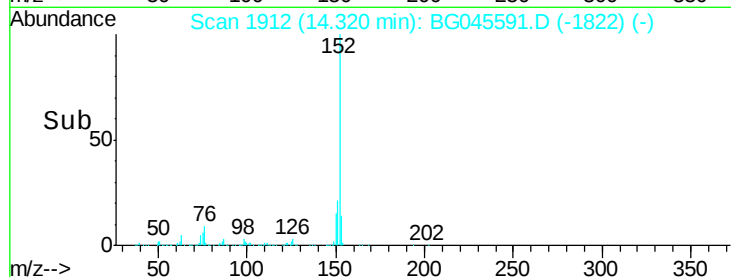
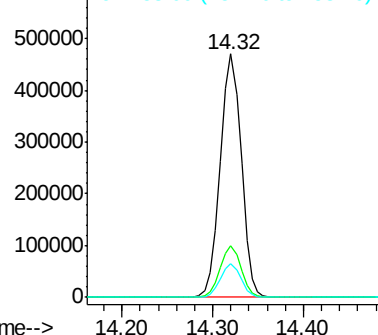
152 100

151 21.5 17.4 26.2

153 13.7 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: 58.531 ng

RT: 14.06 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

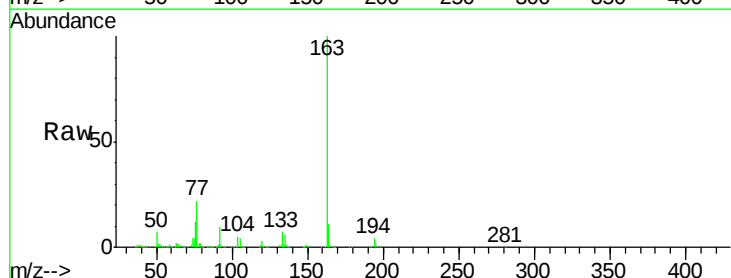
Tgt Ion:163 Resp: 738776

Ion Ratio Lower Upper

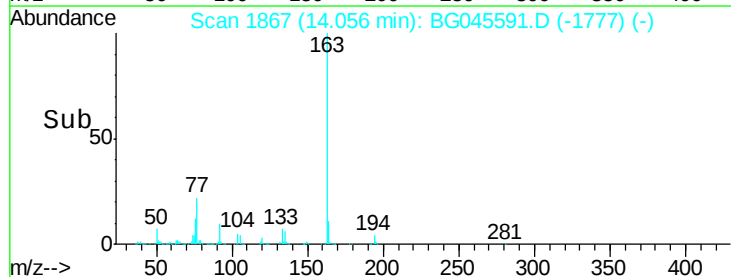
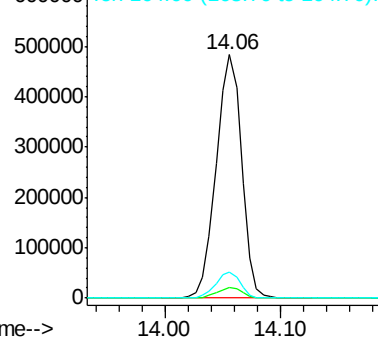
163 100

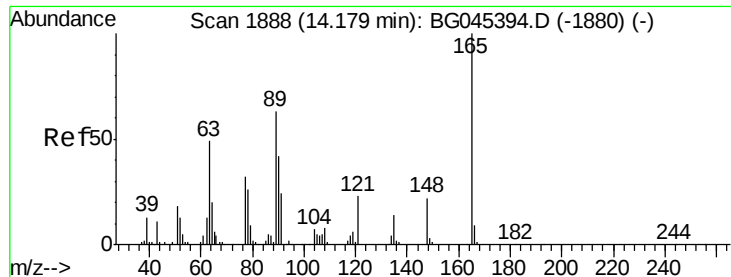
194 4.5 3.2 4.8

164 10.5 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

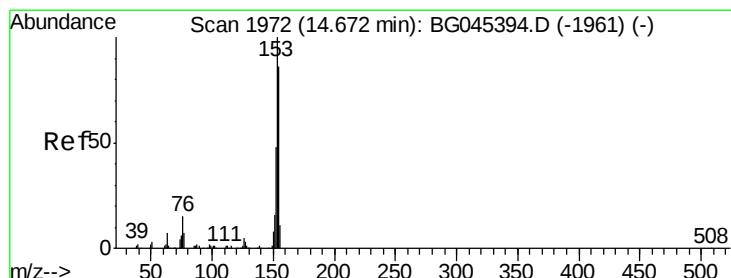
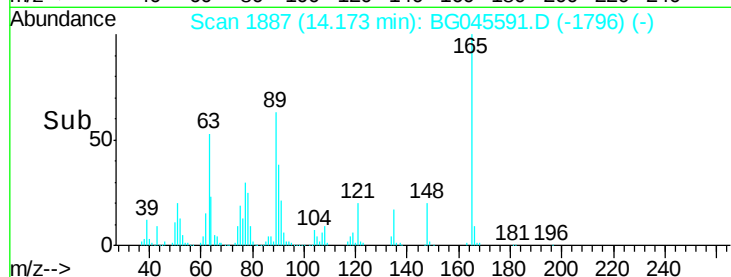
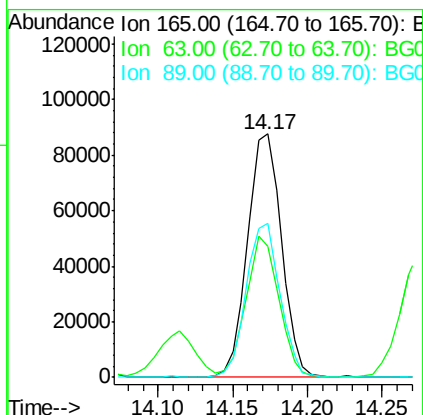
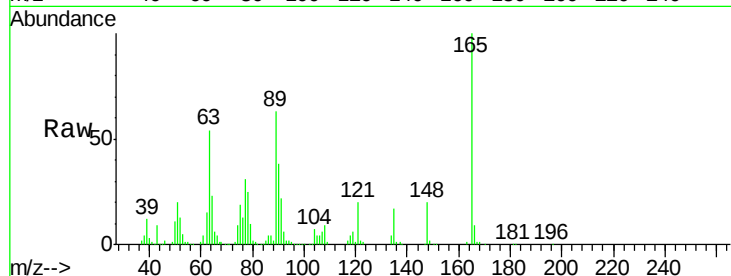




#51
 2,6-Dinitrotoluene
 Concen: 48.118 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

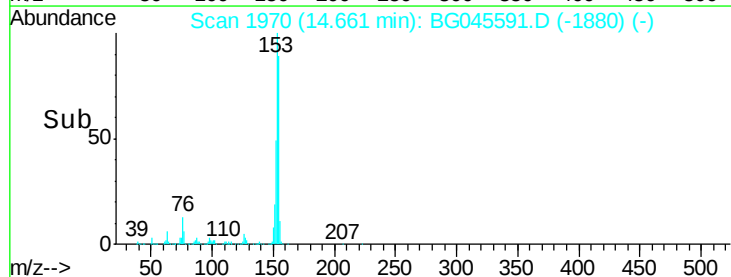
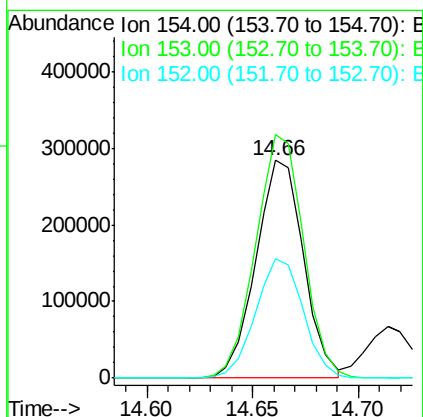
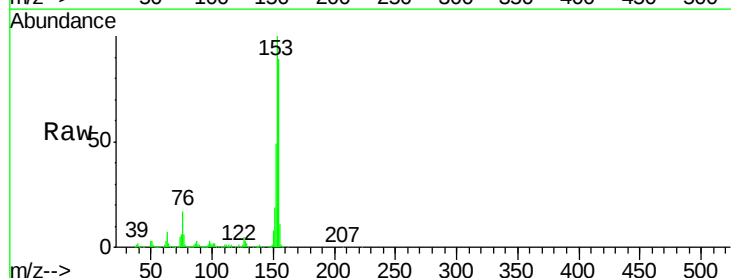
Instrument :
 BNA_G
 ClientSampled :

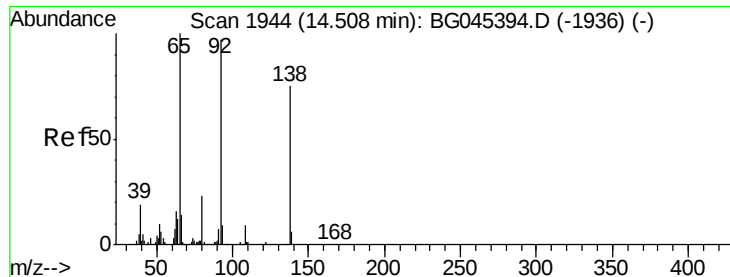
Tot Ion:165 Resp: 137049
 Ion Ratio Lower Upper
 165 100
 63 53.6 45.0 67.4
 89 63.1 50.2 75.4



#52
 Acenaphthene
 Concen: 45.087 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045591.D
 Acq: 3 Jun 2020 21:42

Tgt Ion:154 Resp: 445053
 Ion Ratio Lower Upper
 154 100
 153 111.8 92.8 139.2
 152 54.9 44.6 66.8

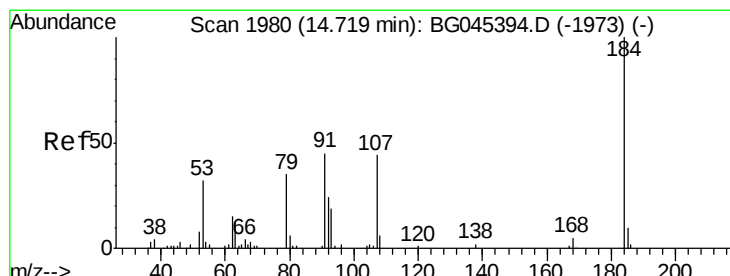
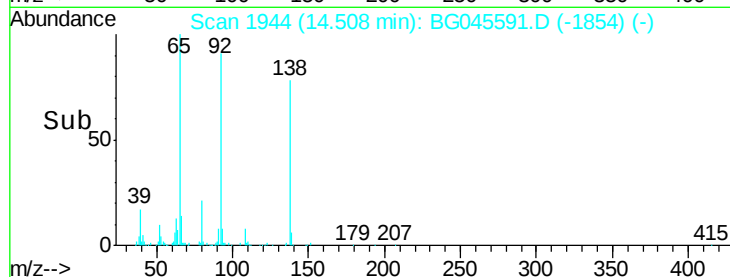
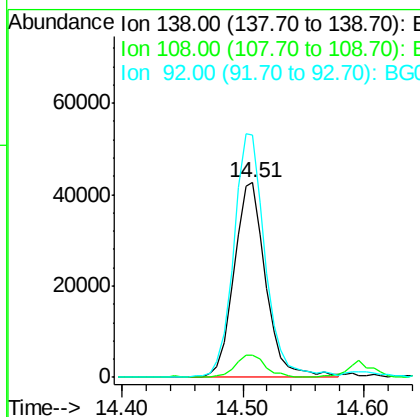
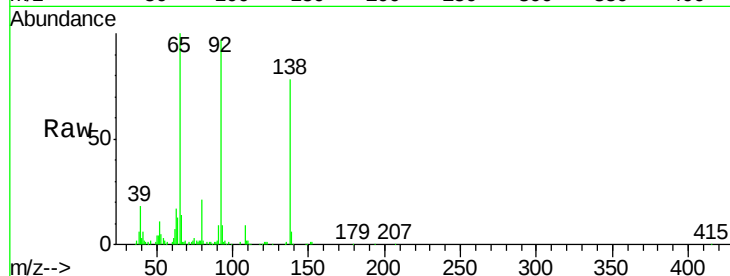




#53
3-Nitroaniline
Concen: 26.970 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

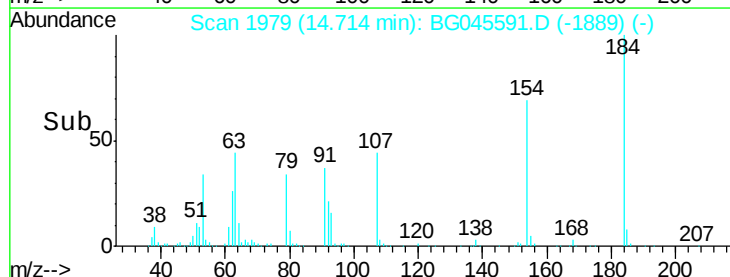
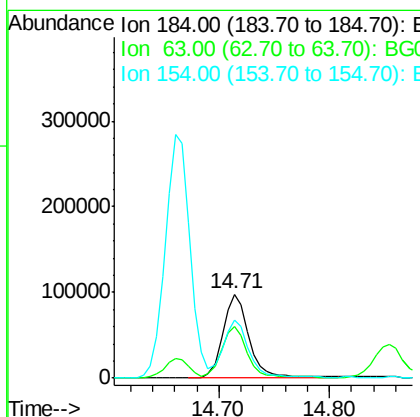
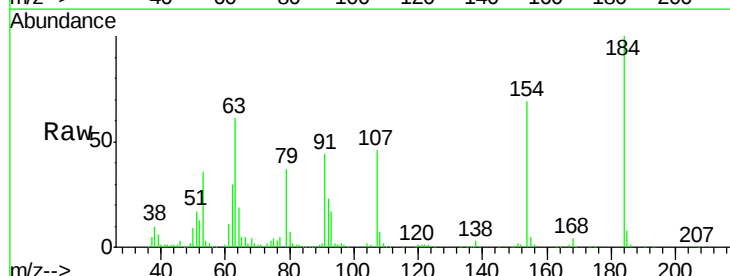
Instrument :
BNA_G
ClientSampleId :

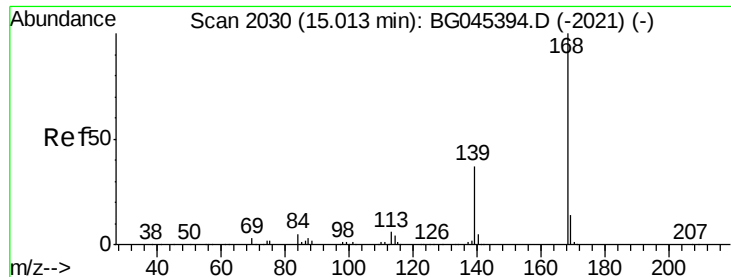
Tot Ion:138 Resp: 78087
Ion Ratio Lower Upper
138 100
108 11.4 9.8 14.6
92 124.3 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 86.886 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion:184 Resp: 163048
Ion Ratio Lower Upper
184 100
63 60.6 47.8 71.6
154 68.8 58.3 87.5

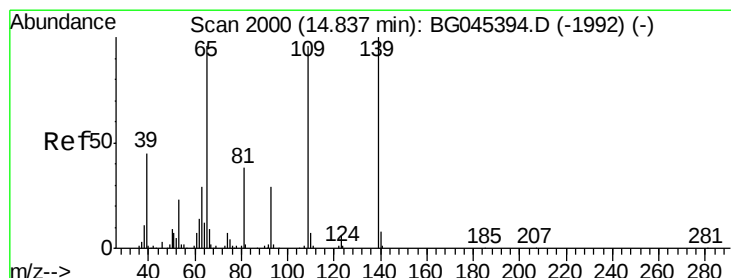
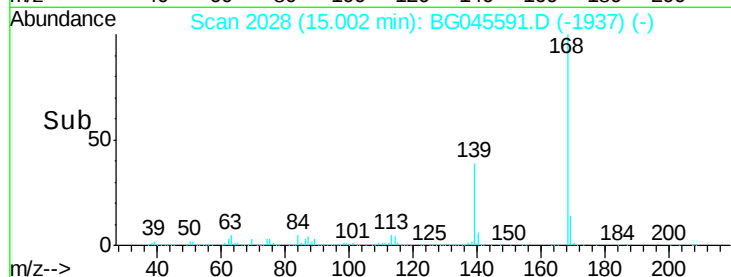
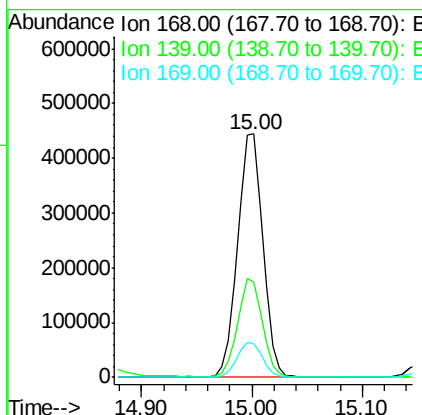
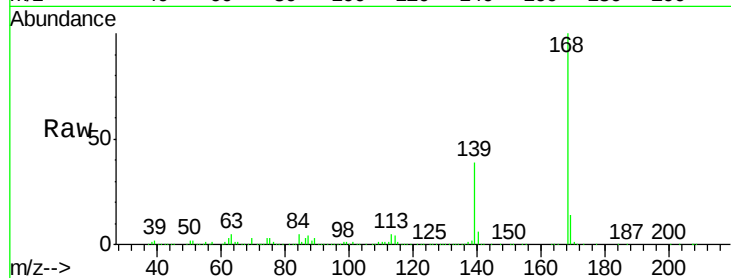




#55
Dibenzofuran
Concen: 49.020 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

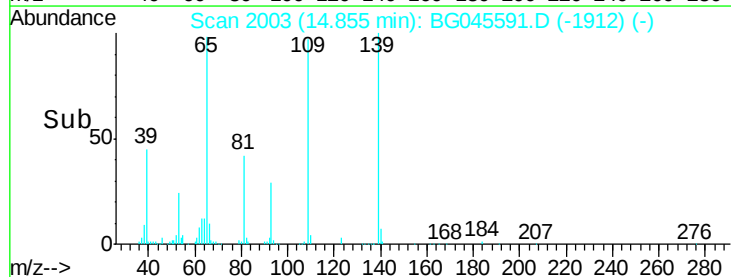
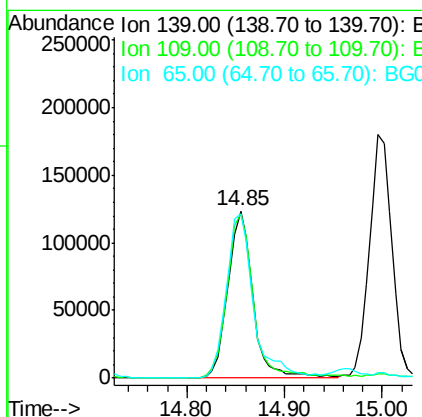
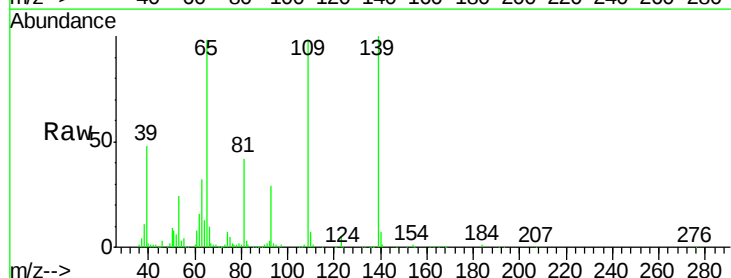
Instrument :
BNA_G
ClientSampled :

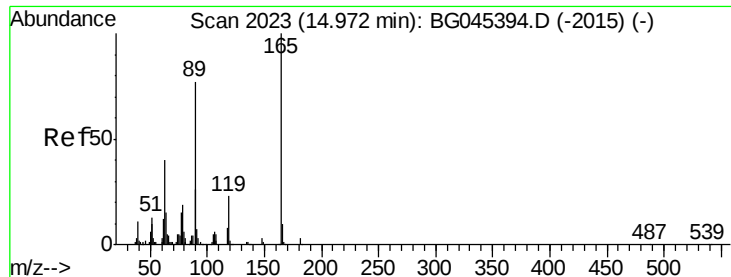
Tot Ion:168 Resp: 718563
Ion Ratio Lower Upper
168 100
139 39.0 29.9 44.9
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 100.806 ng
RT: 14.85 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion:139 Resp: 220969
Ion Ratio Lower Upper
139 100
109 98.4 75.6 115.6
65 98.4 76.8 116.8

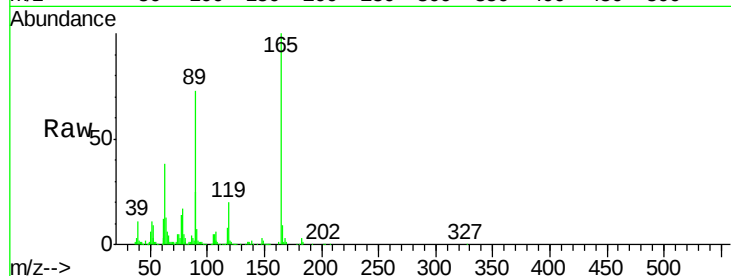




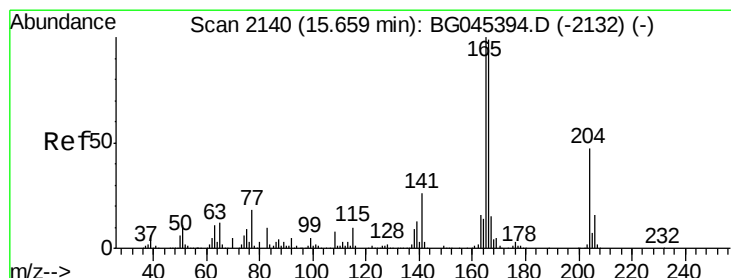
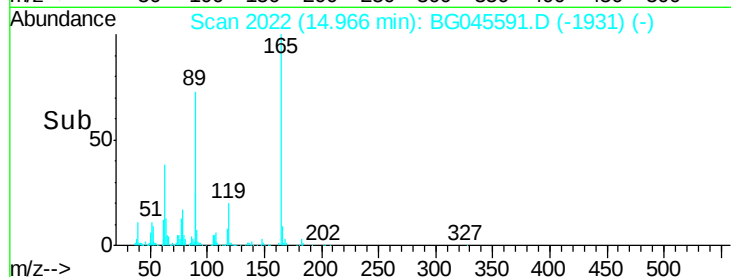
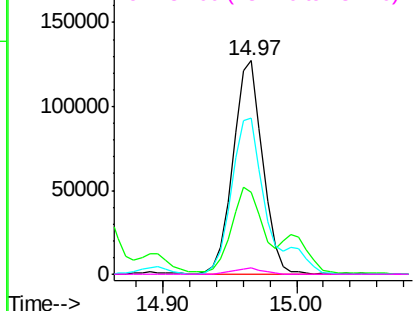
#57
2,4-Dinitrotoluene
Concen: 47.428 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 195638
Ion Ratio Lower Upper
165 100
63 38.4 32.5 48.7
89 73.1 61.8 92.6
182 2.9 2.3 3.5

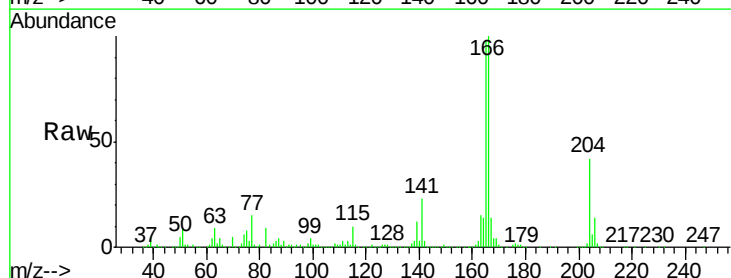


Abundance Ion 165.00 (164.70 to 165.70): E
200000
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

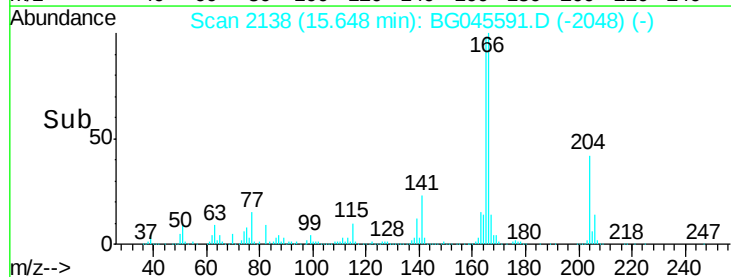
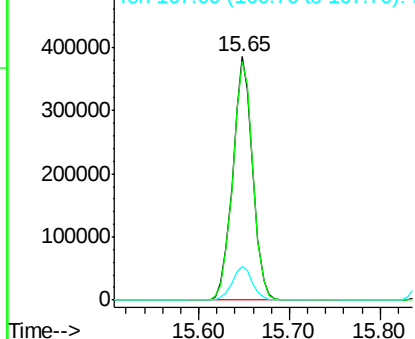


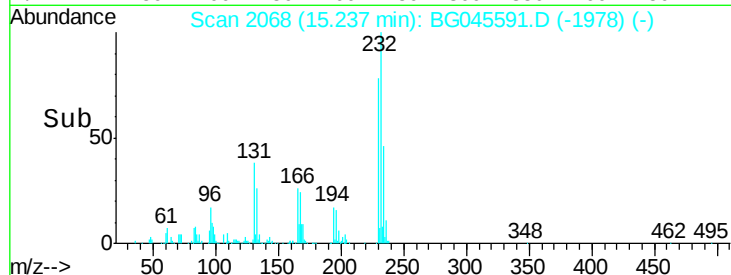
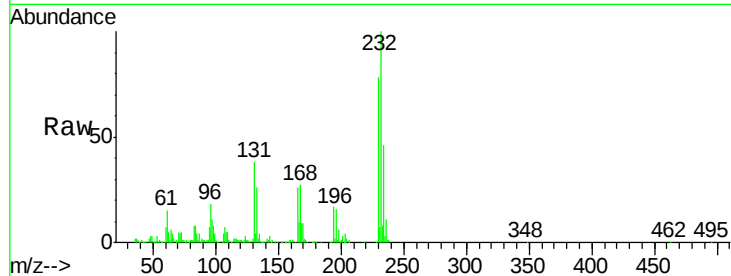
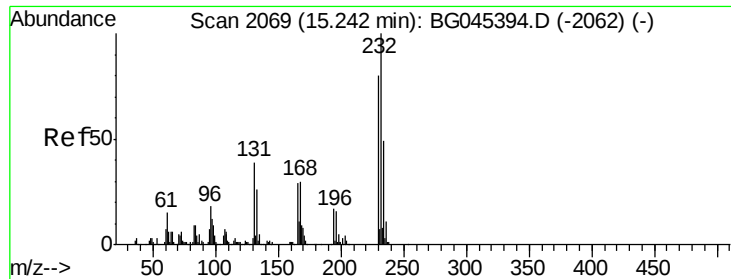
#58
Fluorene
Concen: 48.876 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion:166 Resp: 588603
Ion Ratio Lower Upper
166 100
165 98.0 80.8 121.2
167 14.0 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
500000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

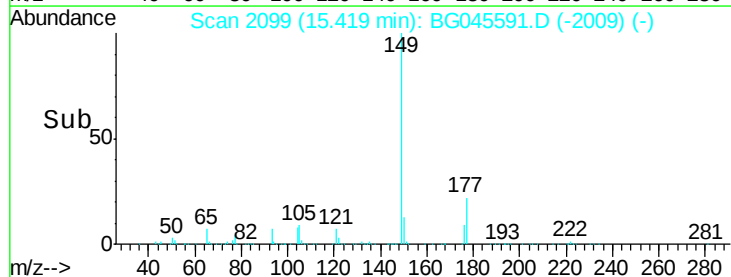
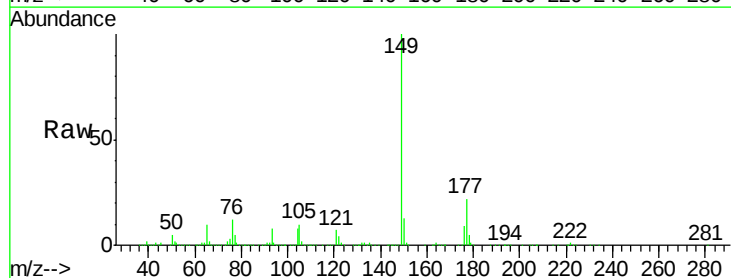
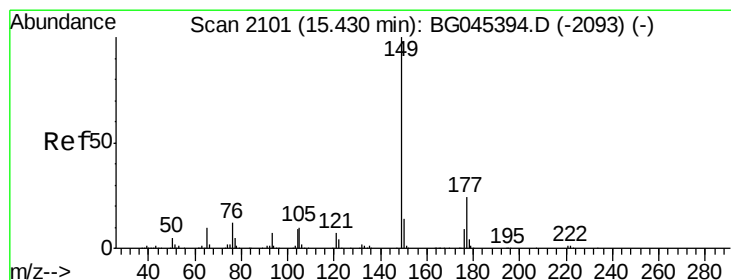
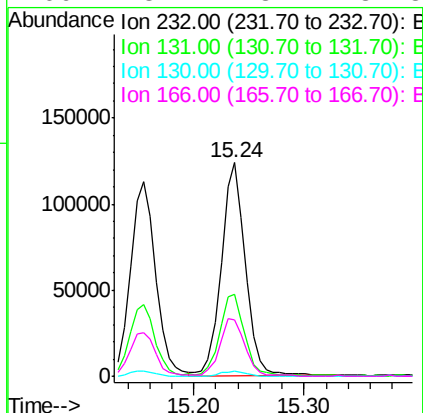




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.617 ng
RT: 15.24 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

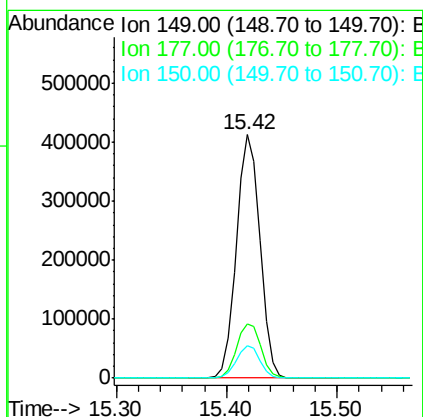
Instrument :
BNA_G
ClientSampleId :

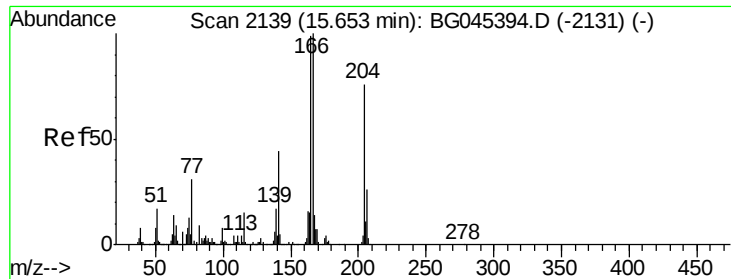
Tot Ion:232 Resp: 188853
Ion Ratio Lower Upper
232 100
131 39.0 33.7 50.5
130 2.7 2.1 3.1
166 28.2 23.2 34.8



#60
Diethylphthalate
Concen: 46.985 ng
RT: 15.42 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion:149 Resp: 617267
Ion Ratio Lower Upper
149 100
177 22.4 19.0 28.4
150 13.3 11.4 17.0

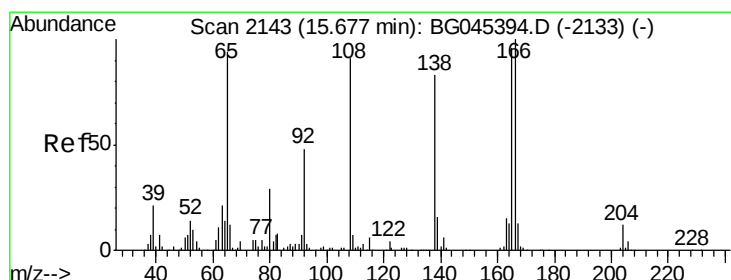
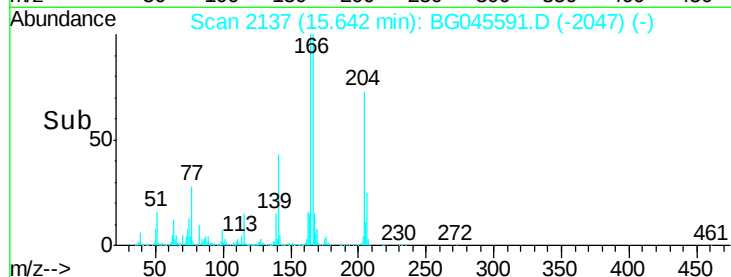
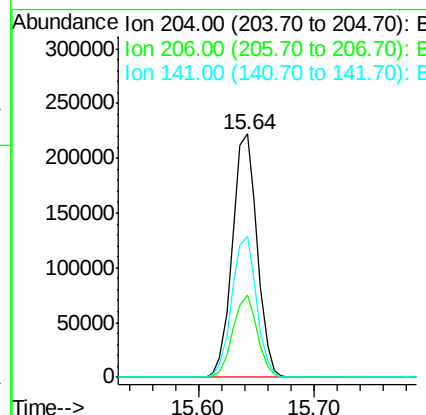
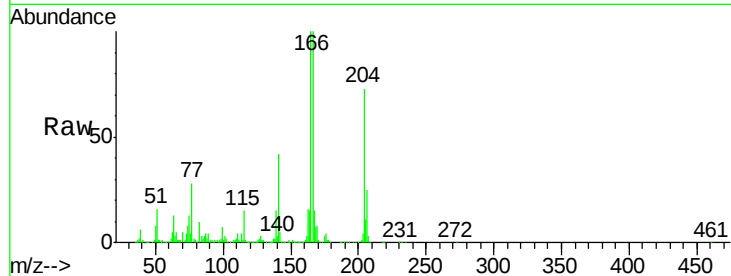




#61
4-Chlorophenyl-phenylether
Concen: 47.759 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

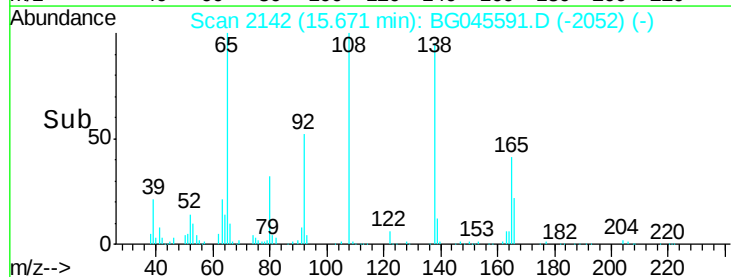
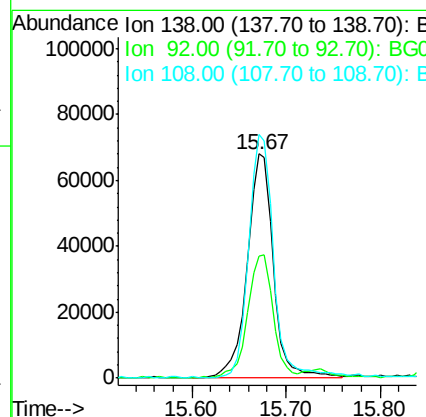
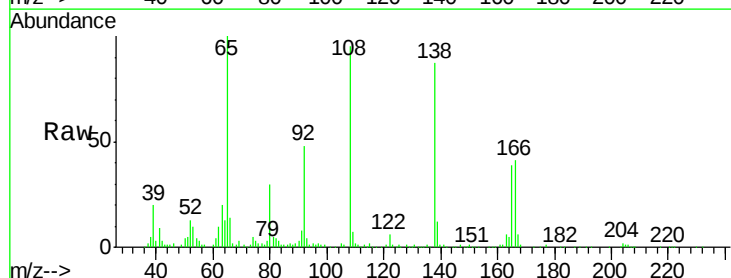
Instrument :
BNA_G
ClientSampled :

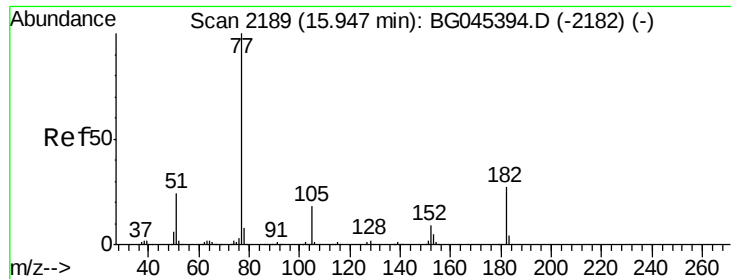
Tot Ion:204 Resp: 329122
Ion Ratio Lower Upper
204 100
206 34.0 27.3 40.9
141 57.9 45.9 68.9



#62
4-Nitroaniline
Concen: 43.395 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion:138 Resp: 131165
Ion Ratio Lower Upper
138 100
92 54.5 38.0 78.0
108 108.6 89.3 129.3





#63

Azobenzene

Concen: 48.174 ng

RT: 15.94 min Scan# 2187

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 590128

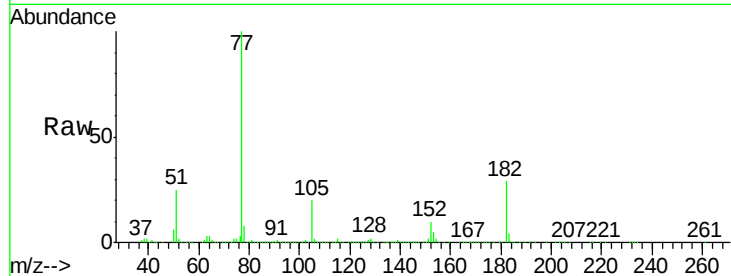
Ion Ratio Lower Upper

77 100

182 28.8 6.5 46.5

105 20.0 0.0 37.9

51 24.6 4.1 44.1

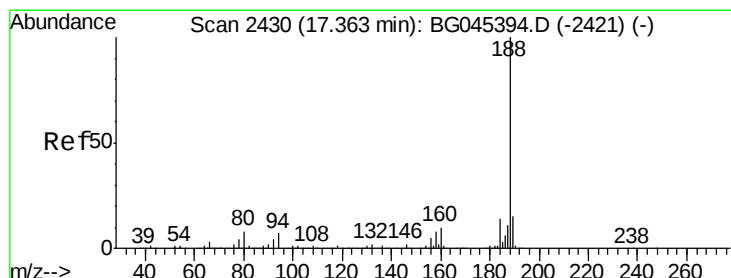
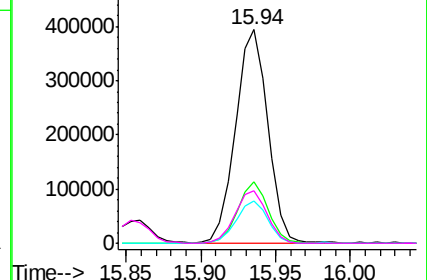
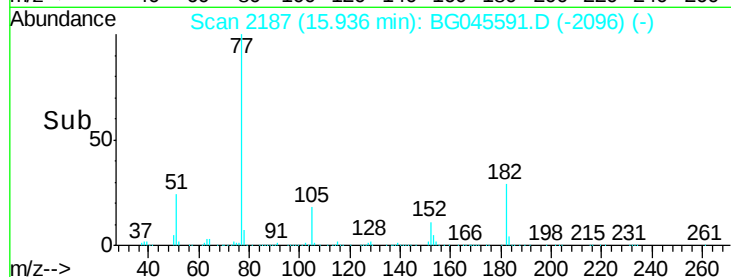


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

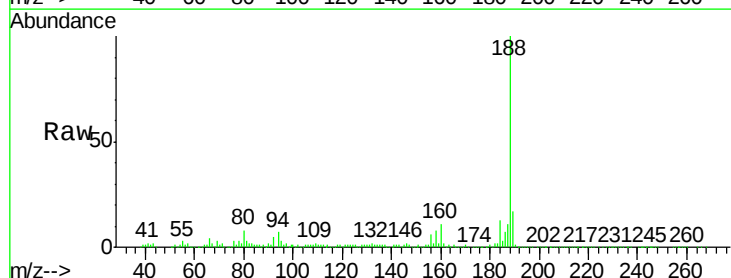
Tgt Ion: 188 Resp: 389204

Ion Ratio Lower Upper

188 100

94 7.4 5.5 8.3

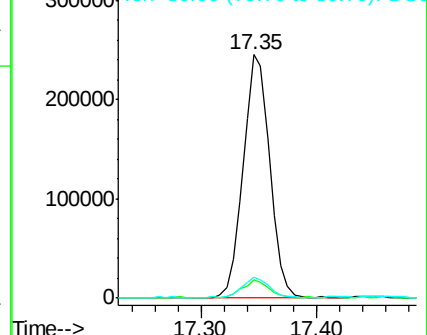
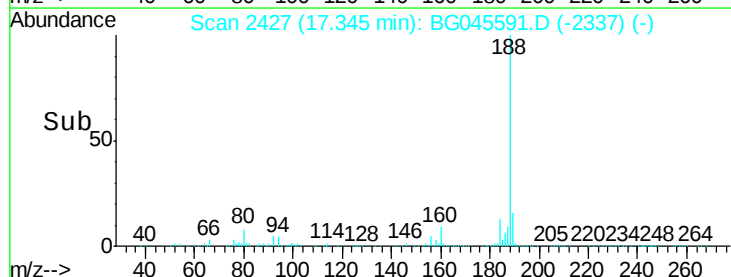
80 8.5 6.6 10.0

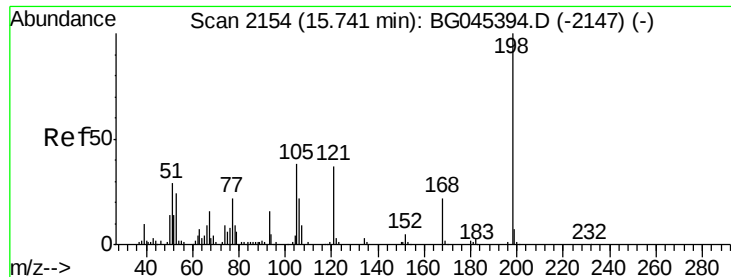


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 54.556 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

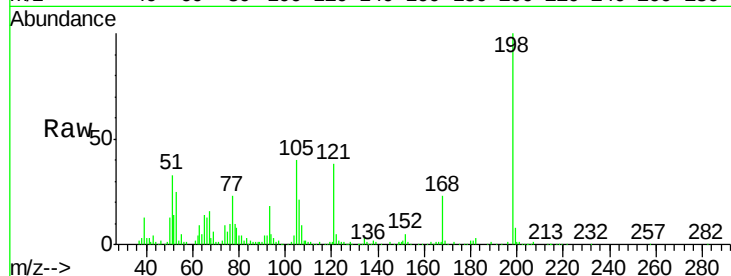
Tot Ion:198 Resp: 123664

Ion Ratio Lower Upper

198 100

51 33.0 10.0 50.0

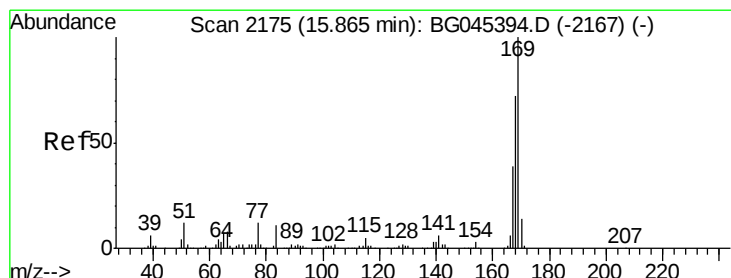
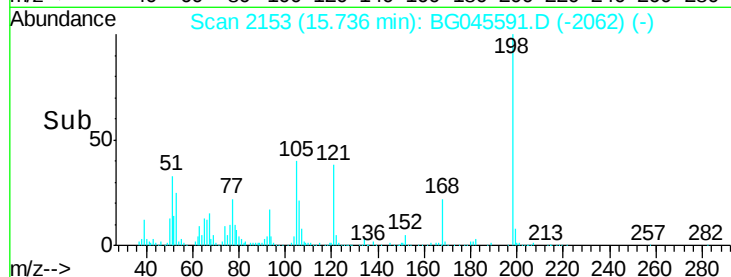
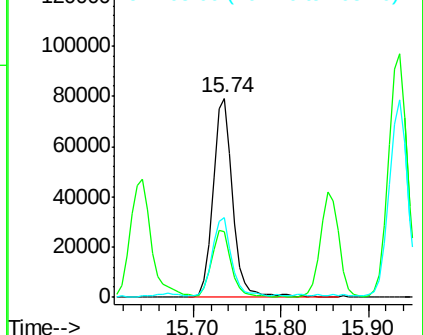
105 40.1 18.9 58.9



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



#66

n-Nitrosodiphenylamine

Concen: 55.945 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

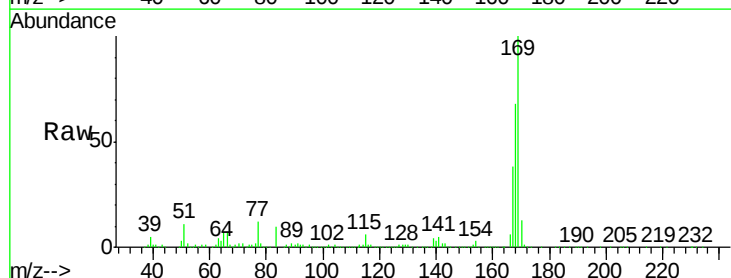
Tgt Ion:169 Resp: 522797

Ion Ratio Lower Upper

169 100

168 68.4 57.8 86.6

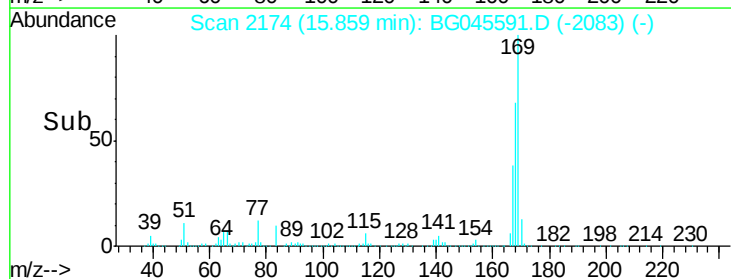
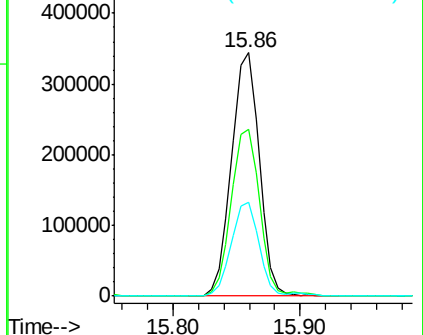
167 38.3 31.5 47.3

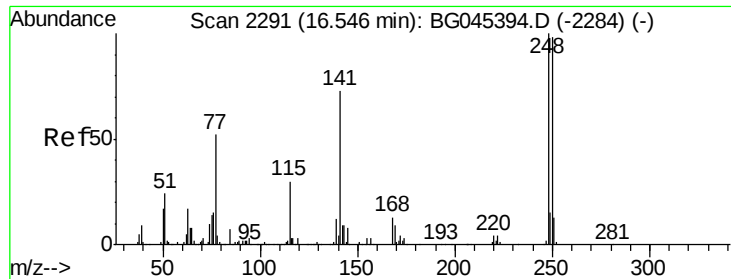


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

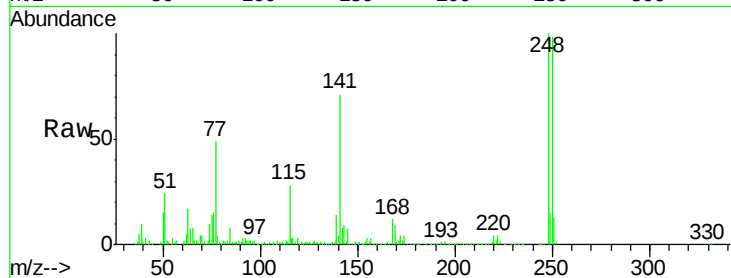




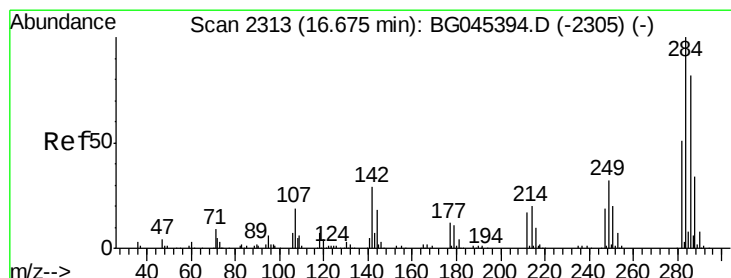
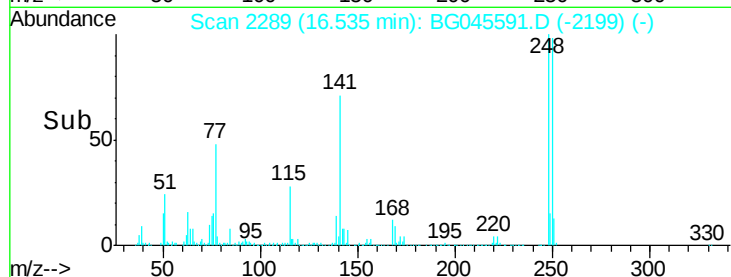
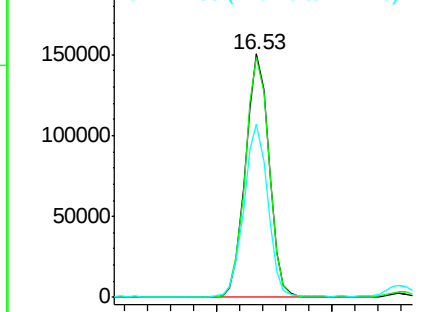
#67
4-Bromophenyl-phenylether
Concen: 50.875 ng
RT: 16.53 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 214408
Ion Ratio Lower Upper
248 100
250 98.3 78.6 117.8
141 71.2 58.2 87.2

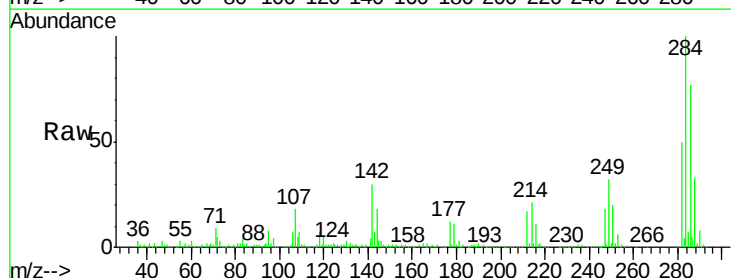


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

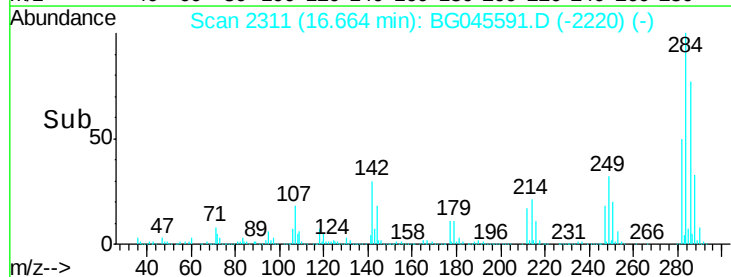
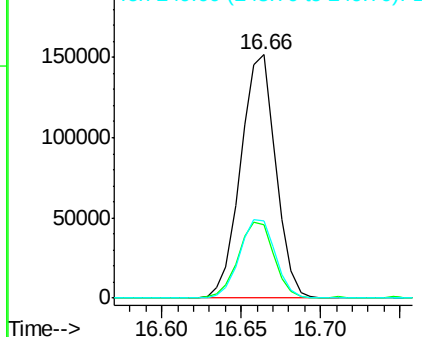


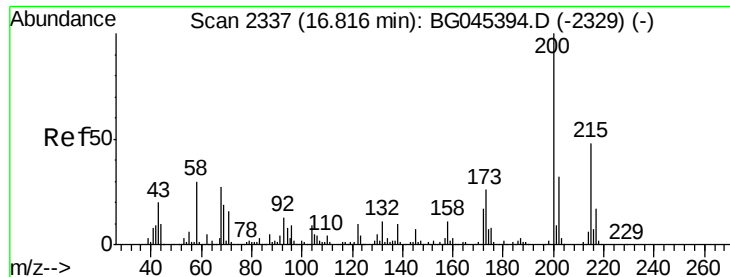
#68
Hexachlorobenzene
Concen: 52.778 ng
RT: 16.66 min Scan# 2311
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion:284 Resp: 232645
Ion Ratio Lower Upper
284 100
142 29.9 23.0 34.6
249 31.9 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: 49.315 ng

RT: 16.81 min Scan# 2336

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

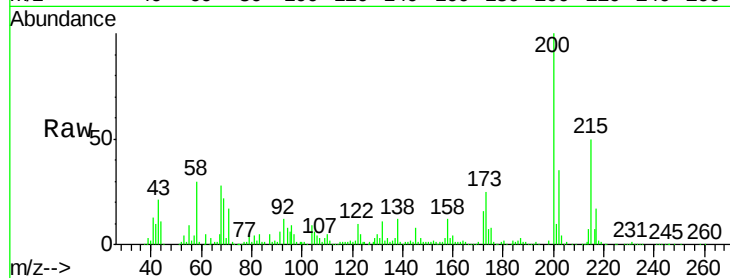
Tot Ion:200 Resp: 189814

Ion Ratio Lower Upper

200 100

173 25.5 5.5 45.5

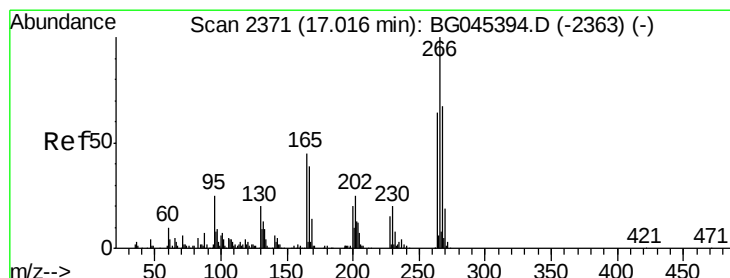
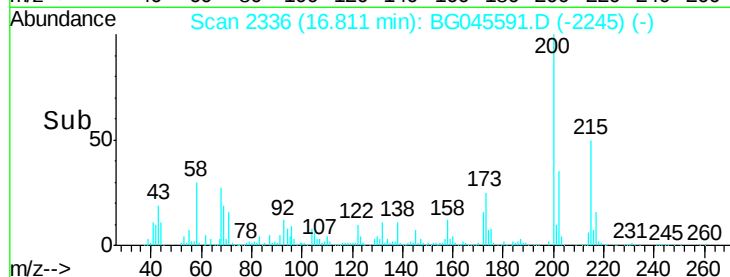
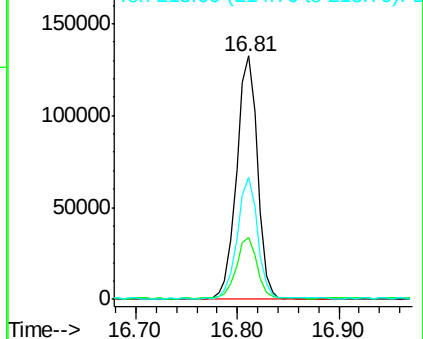
215 50.4 28.2 68.2



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: 113.072 ng

RT: 17.01 min Scan# 2370

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

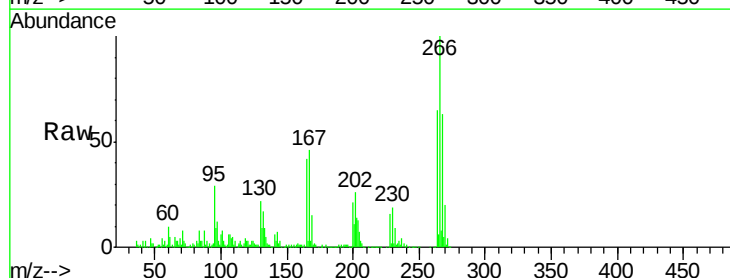
Tgt Ion:266 Resp: 258798

Ion Ratio Lower Upper

266 100

268 62.7 53.2 79.8

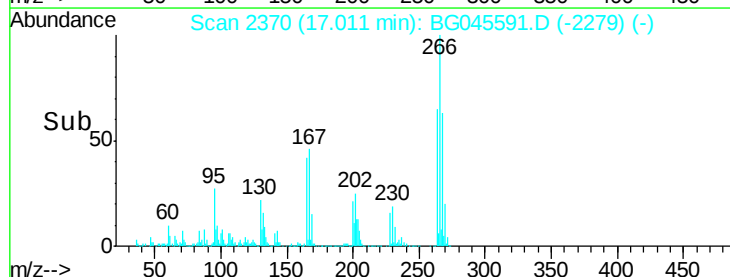
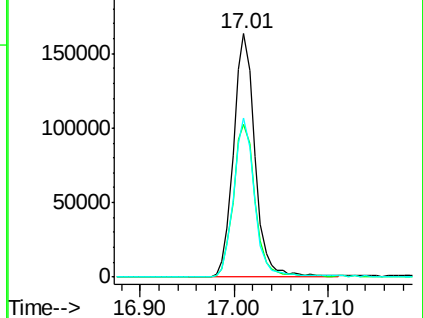
264 65.2 51.0 76.4

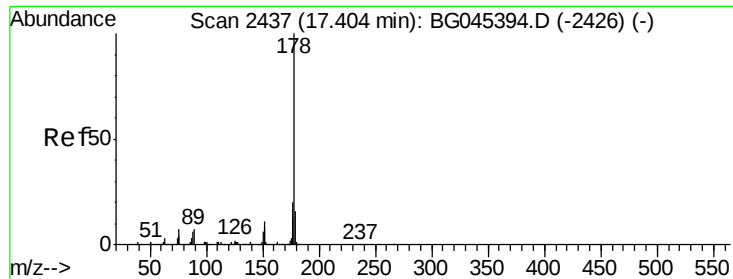


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

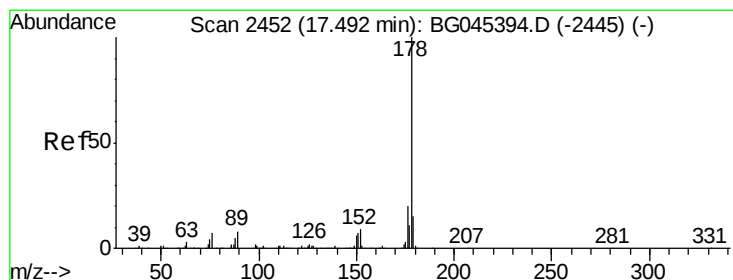
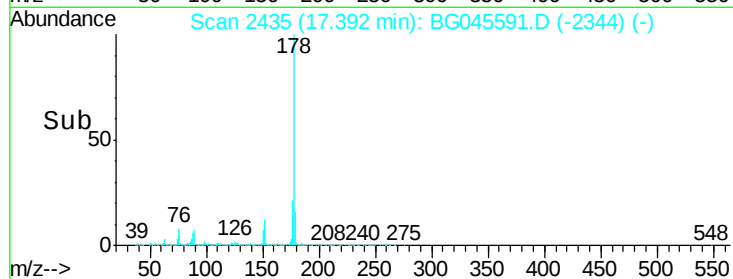
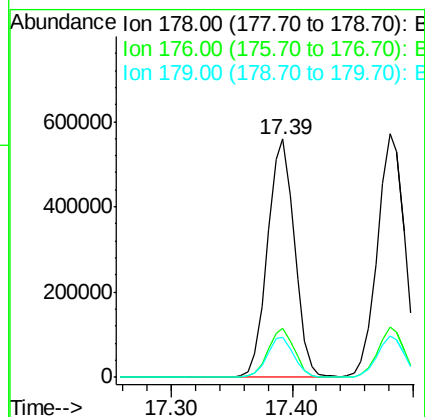
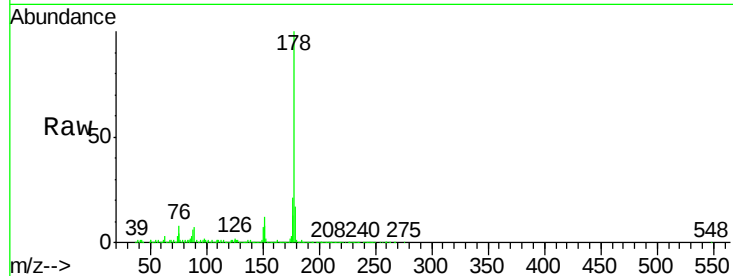




#71
Phenanthrene
Concen: 50.505 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

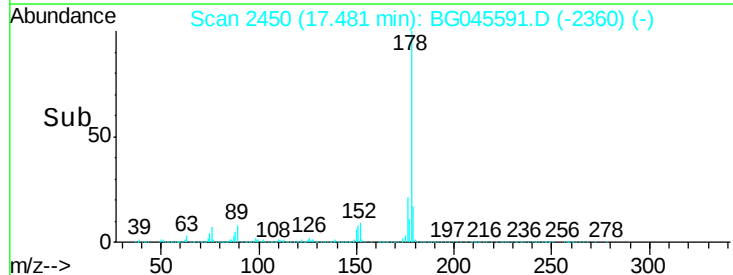
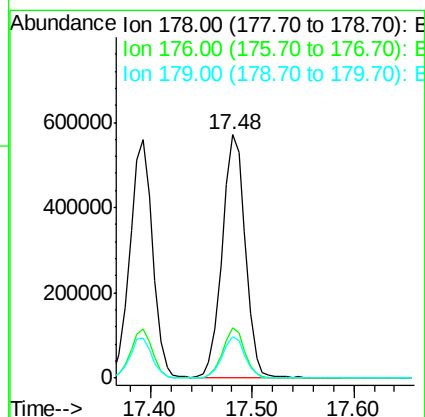
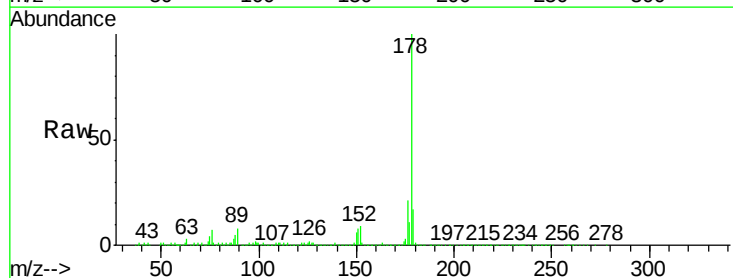
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 858135
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.9 13.1 19.7



#72
Anthracene
Concen: 52.667 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion:178 Resp: 898644
Ion Ratio Lower Upper
178 100
176 20.7 15.8 23.6
179 17.2 12.2 18.4





#73

Carbazole

Concen: 47.941 ng

RT: 17.75 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

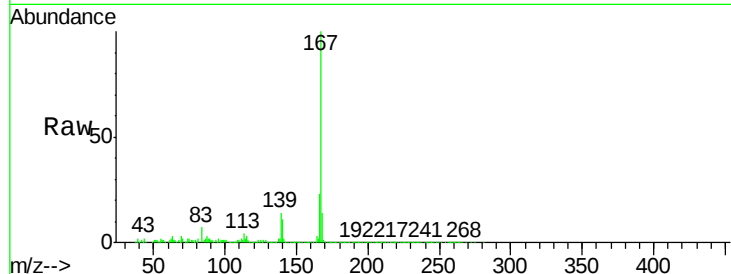
Tot Ion:167 Resp: 797356

Ion Ratio Lower Upper

167 100

166 23.1 19.2 28.8

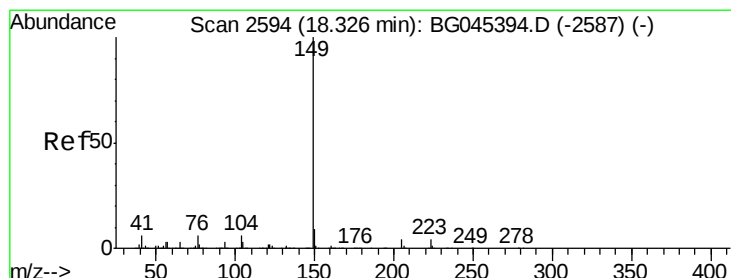
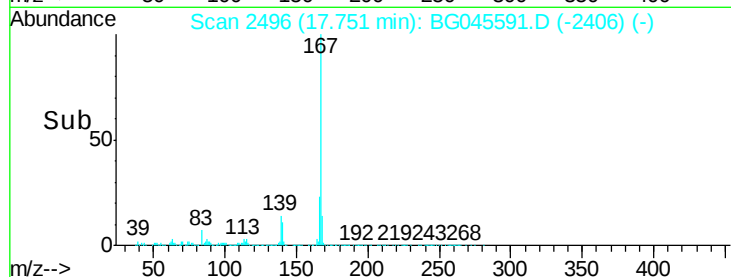
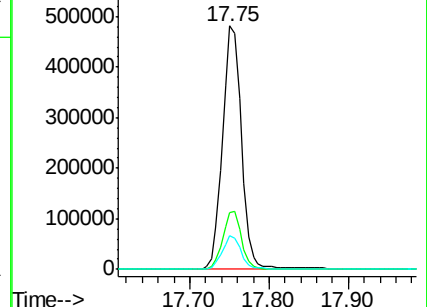
139 14.0 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.481 ng

RT: 18.31 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

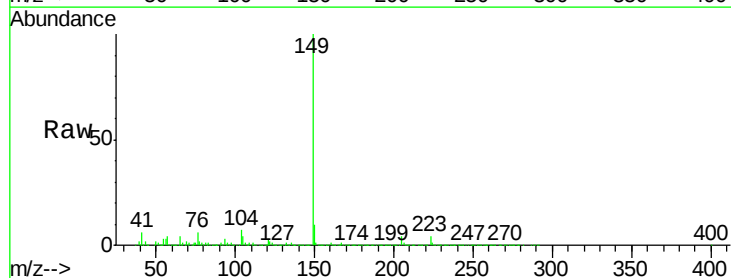
Tgt Ion:149 Resp: 927888

Ion Ratio Lower Upper

149 100

150 10.1 7.6 11.4

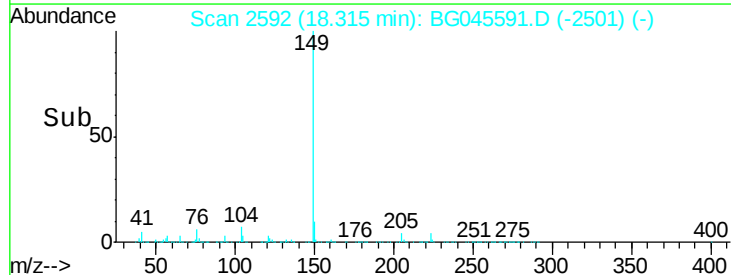
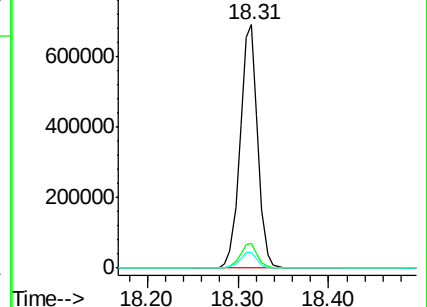
104 6.5 5.0 7.4

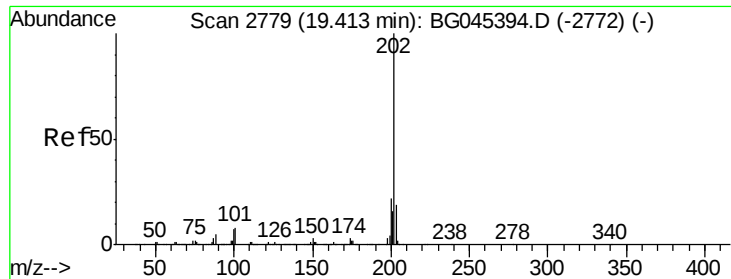


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.860 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

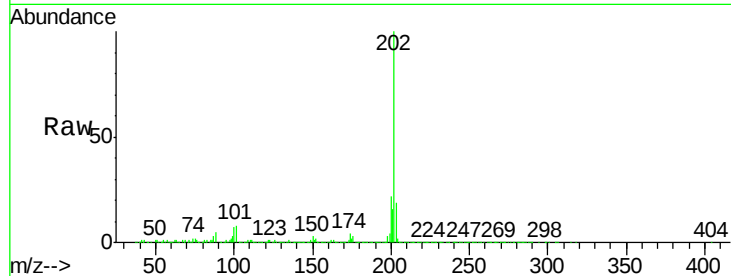
Tot Ion:202 Resp: 991094

Ion Ratio Lower Upper

202 100

101 7.8 0.0 28.3

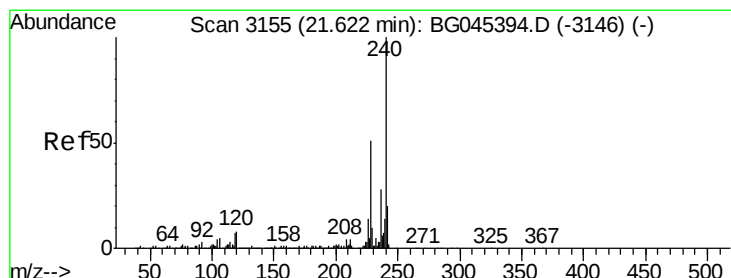
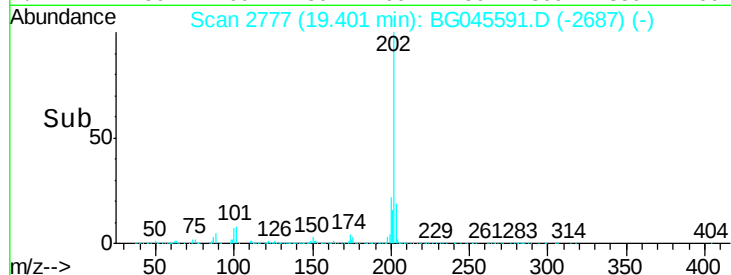
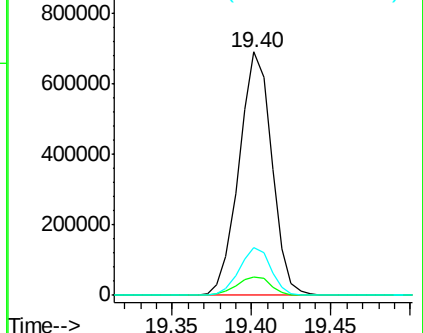
203 19.4 0.0 39.0



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: 21.61 min Scan# 3153

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

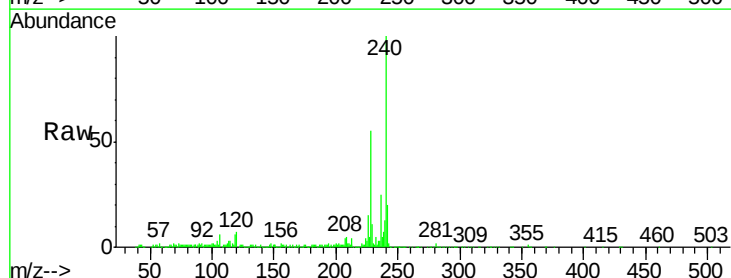
Tgt Ion:240 Resp: 361375

Ion Ratio Lower Upper

240 100

120 7.3 6.1 9.1

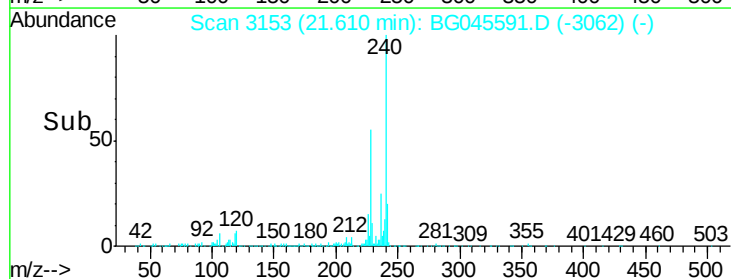
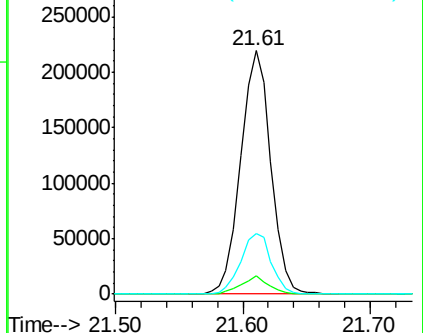
236 25.1 22.3 33.5

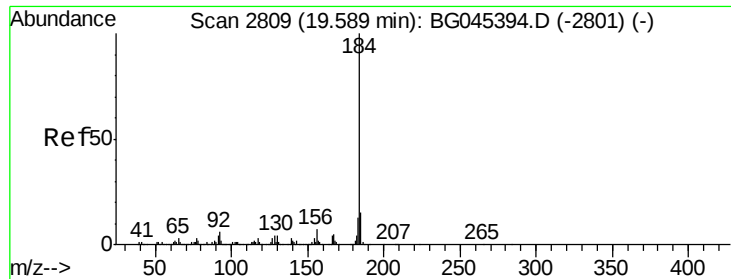


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.828 ng

RT: 19.58 min Scan# 2808

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

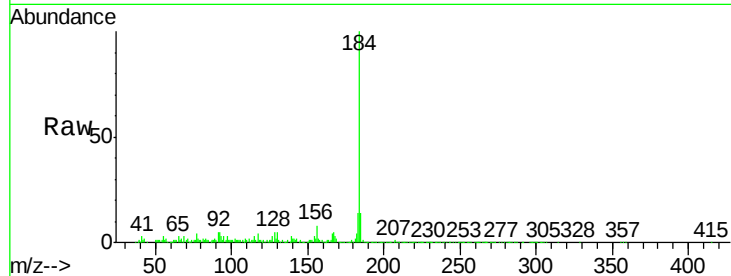
Tot Ion:184 Resp: 444832

Ion Ratio Lower Upper

184 100

185 13.8 11.7 17.5

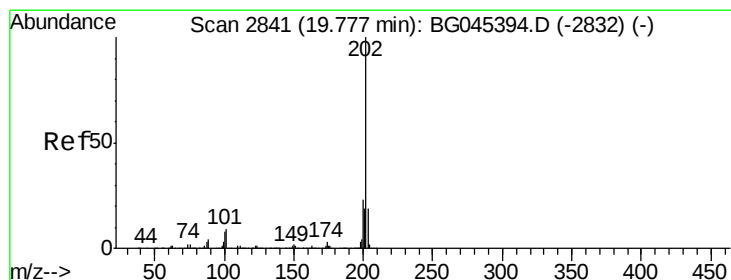
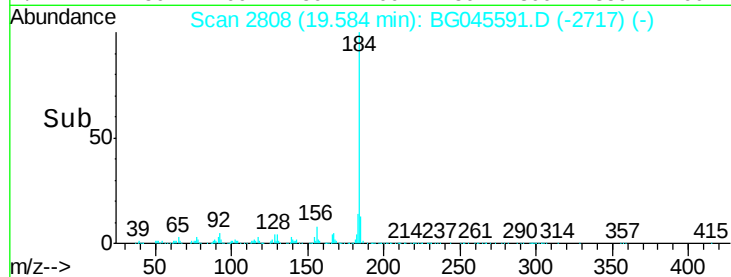
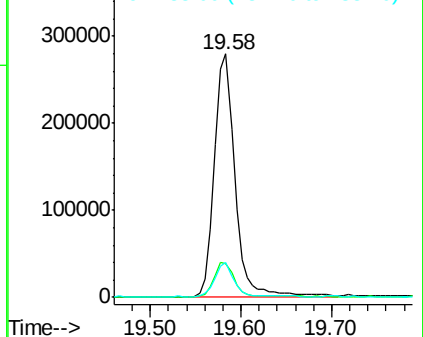
183 14.3 10.2 15.4



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: 48.909 ng

RT: 19.77 min Scan# 2839

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

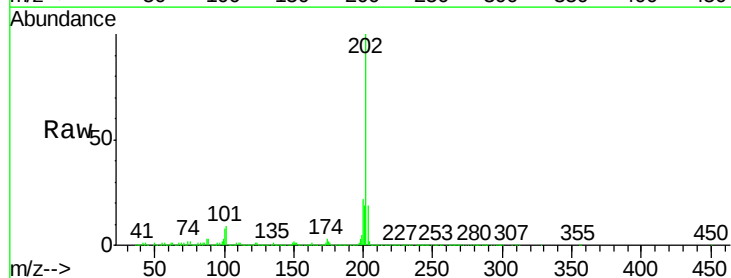
Tgt Ion:202 Resp: 1007529

Ion Ratio Lower Upper

202 100

200 22.3 18.2 27.2

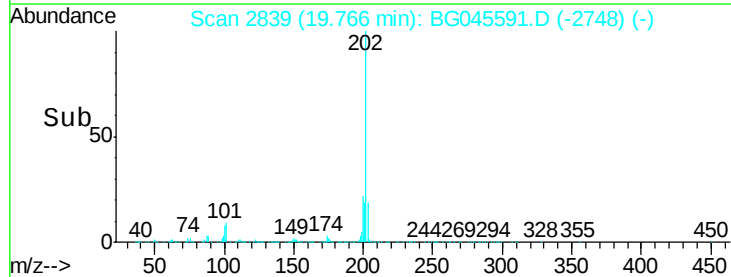
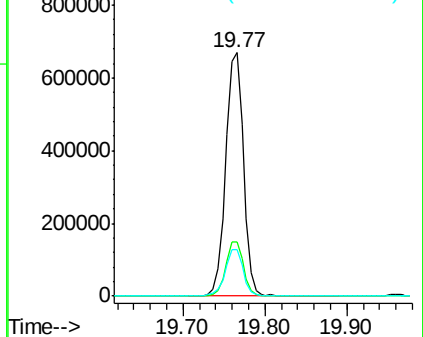
203 19.3 15.1 22.7

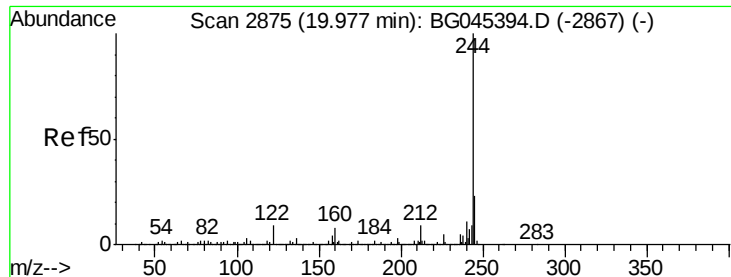


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.409 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

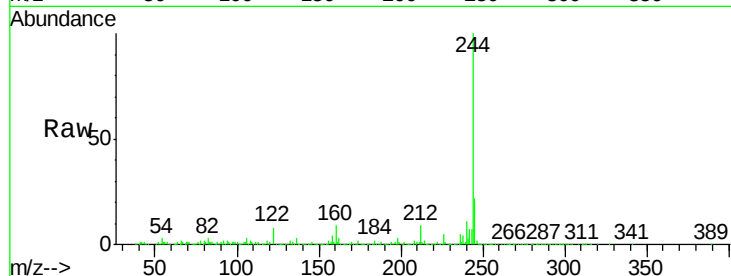
Tot Ion:244 Resp: 1323361

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.0

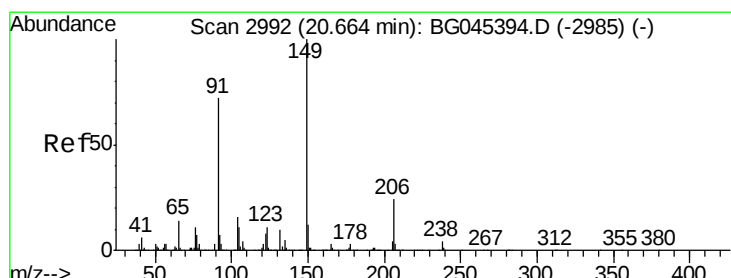
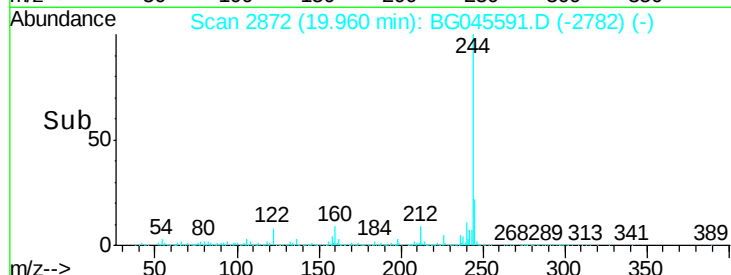
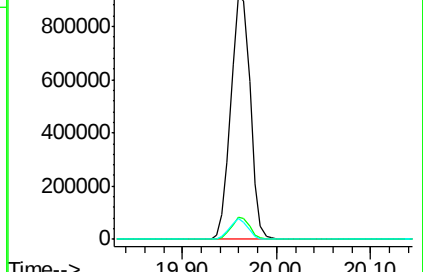
122 8.5 6.8 10.2



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



#80

Butylbenzylphthalate

Concen: 46.233 ng

RT: 20.65 min Scan# 2990

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

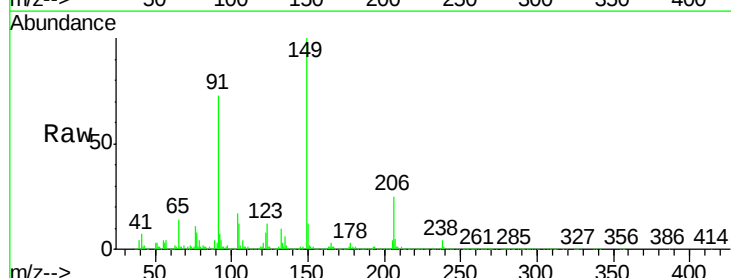
Tgt Ion:149 Resp: 411082

Ion Ratio Lower Upper

149 100

91 73.0 57.8 86.6

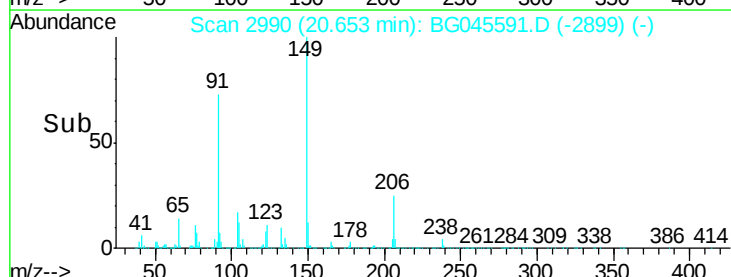
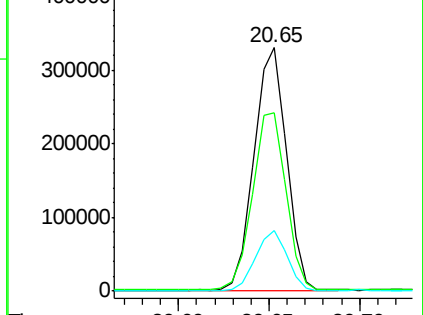
206 25.0 19.1 28.7

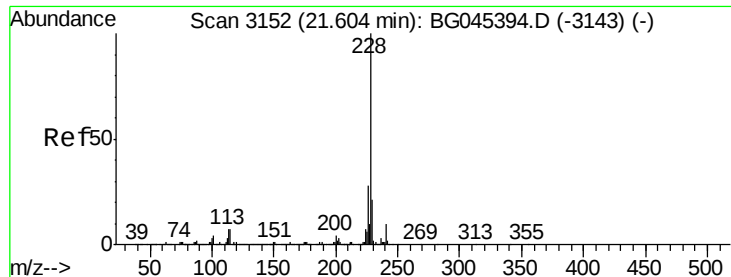


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

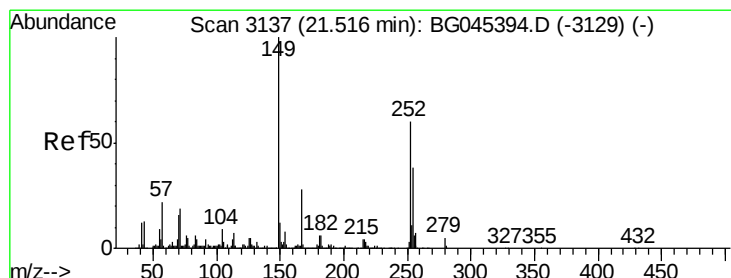
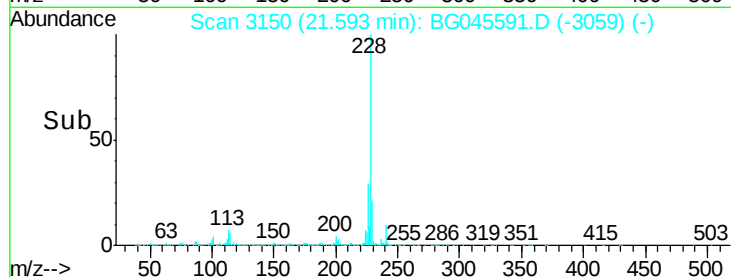
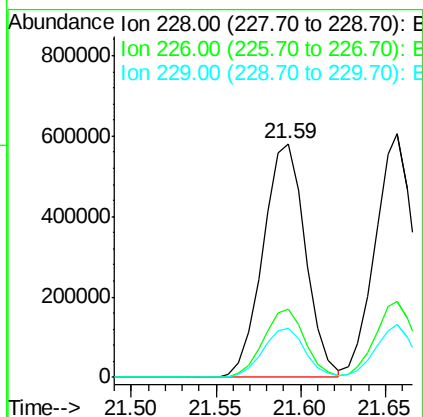
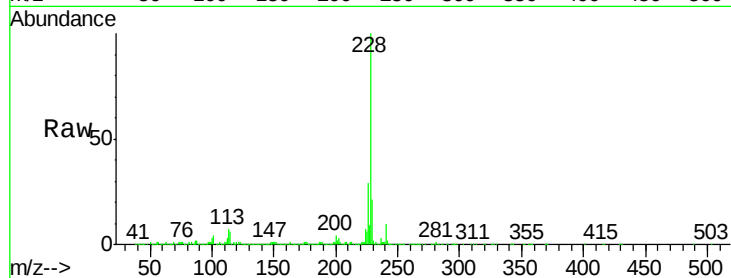




#81
Benzo(a)anthracene
Concen: 50.276 ng
RT: 21.59 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

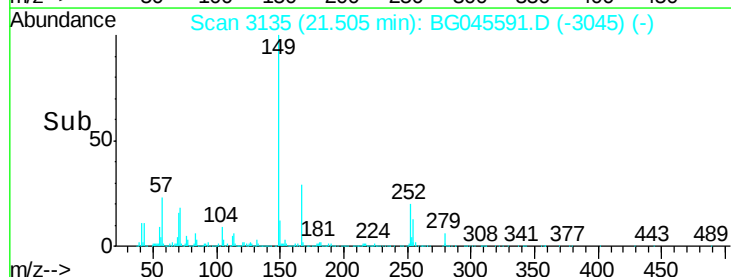
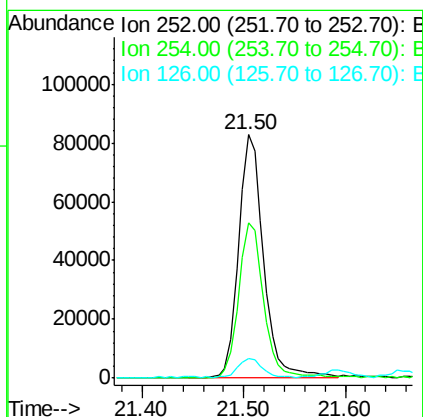
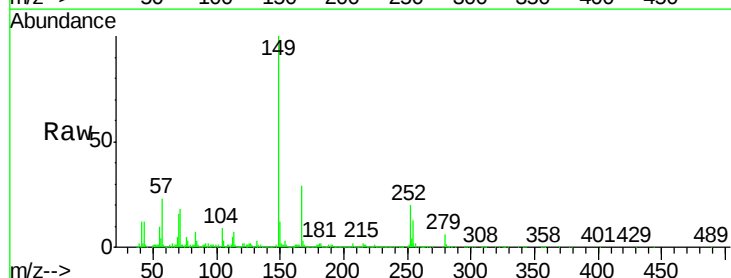
Instrument :
BNA_G
ClientSampleId :

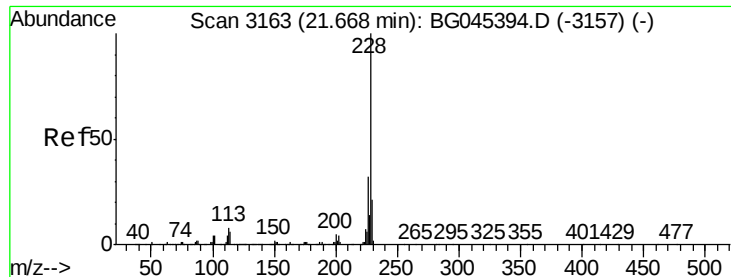
Tot Ion:228 Resp: 1012108
Ion Ratio Lower Upper
228 100
226 29.3 22.7 34.1
229 20.8 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 18.020 ng
RT: 21.50 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion:252 Resp: 142301
Ion Ratio Lower Upper
252 100
254 63.7 51.3 76.9
126 7.8 6.6 10.0





#83

Chrysene

Concen: 49.838 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

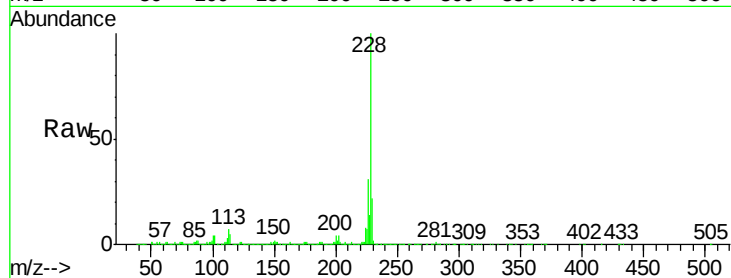
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 964711

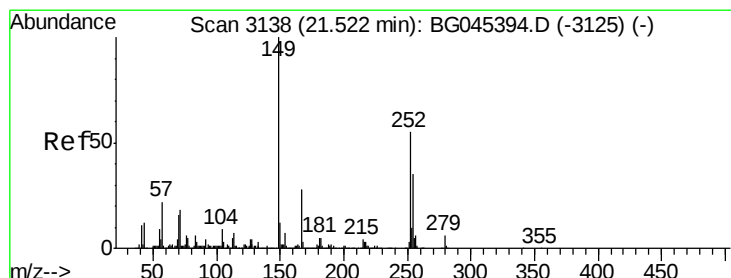
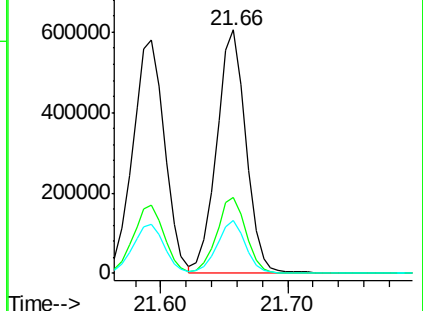
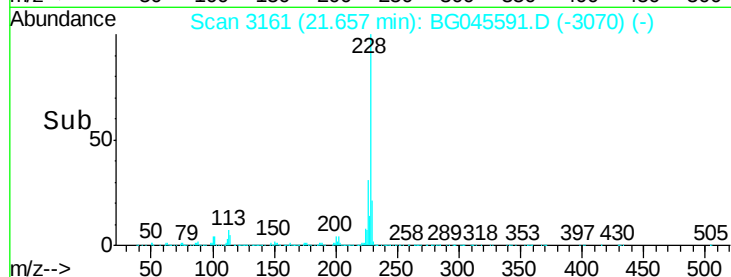
Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.2	37.8
229	21.5	16.7	25.1



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: 47.845 ng

RT: 21.50 min Scan# 3135

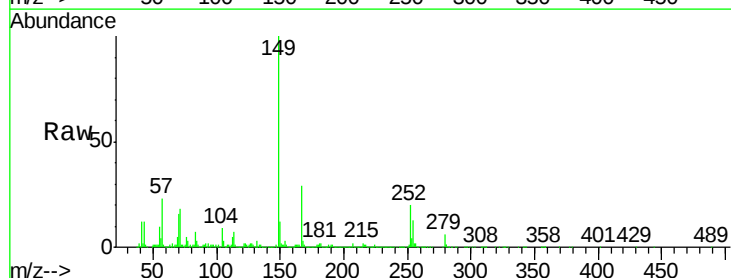
Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Tgt Ion:149 Resp: 584787

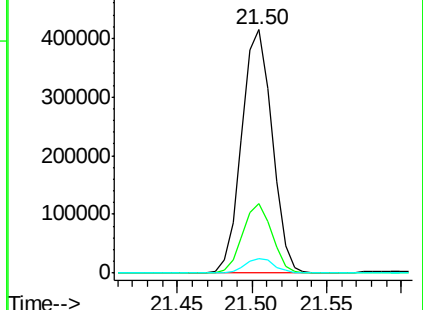
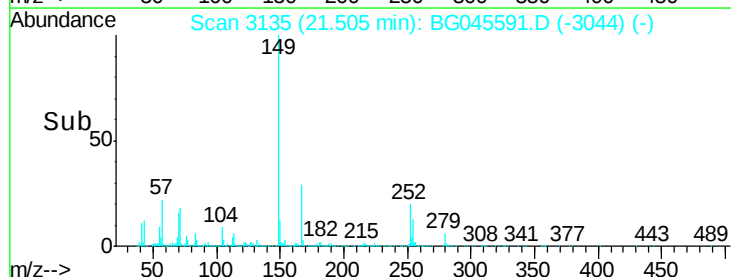
Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.2	33.2
279	5.9	4.7	7.1

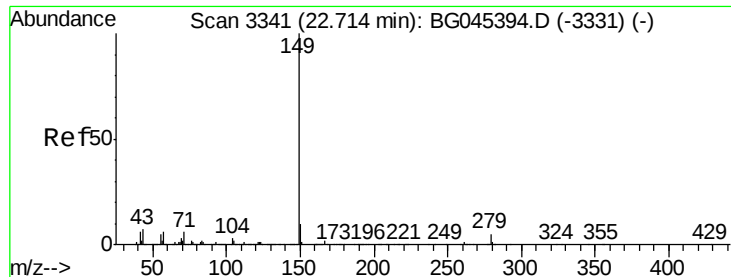


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.021 ng

RT: 22.69 min Scan# 3337

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

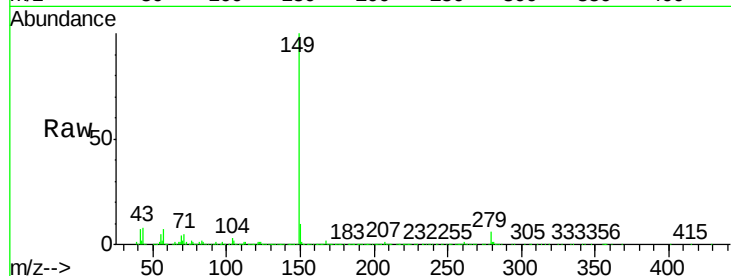
Tot Ion:149 Resp: 1008086

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 7.7 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

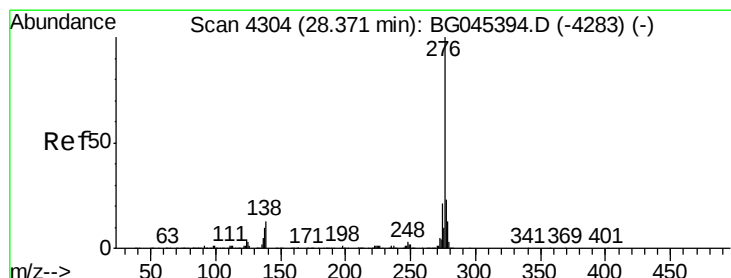
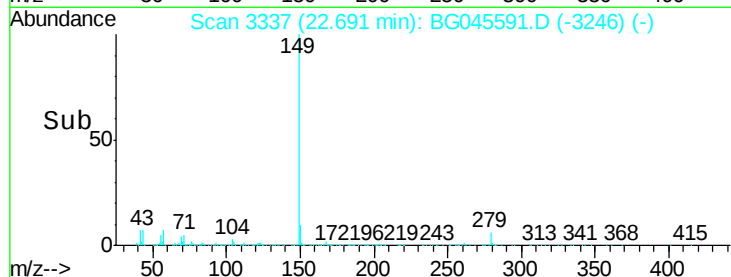
22.69

400000

200000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.459 ng

RT: 28.34 min Scan# 4299

Delta R.T. 0.02 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

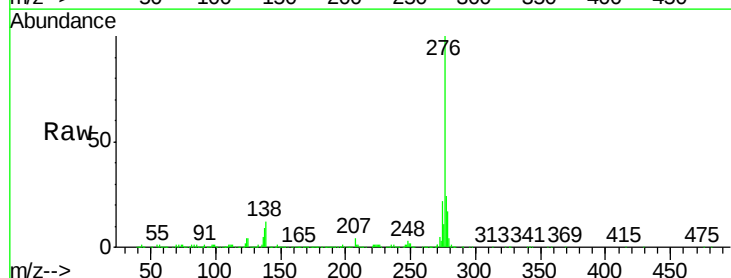
Tgt Ion:276 Resp: 1302535

Ion Ratio Lower Upper

276 100

138 9.6 8.6 12.8

277 25.9 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.34

200000

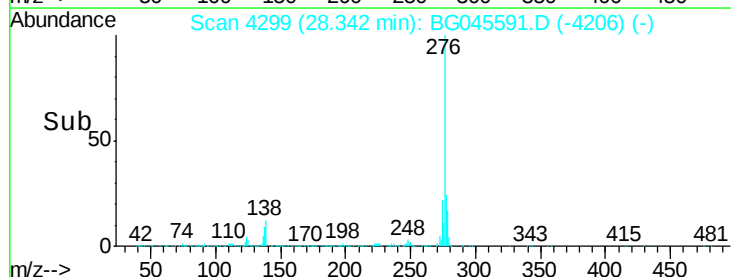
150000

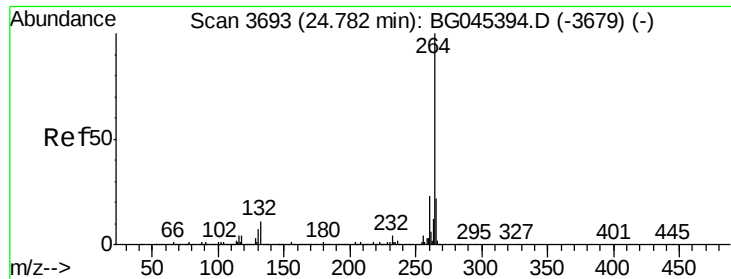
100000

50000

0

Time-->

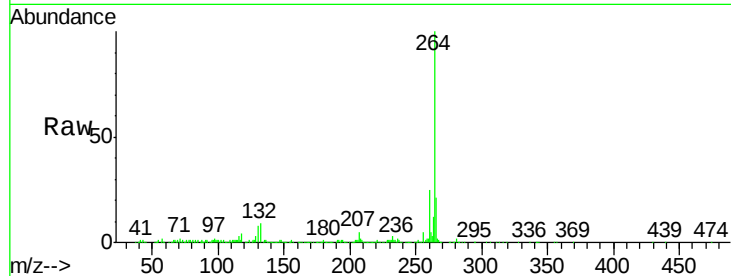




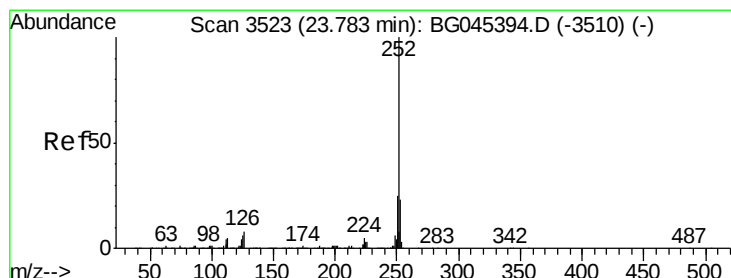
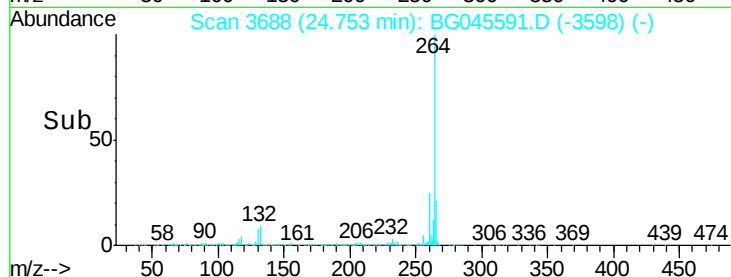
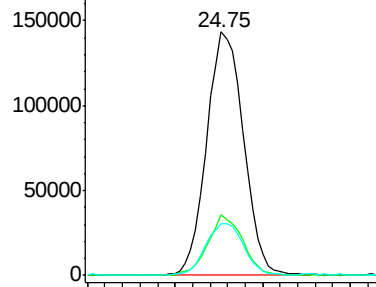
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 411727
Ion Ratio Lower Upper
264 100
260 24.9 18.2 27.4
265 21.3 17.6 26.4

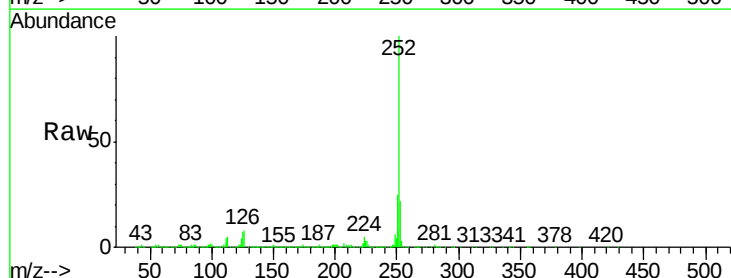


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

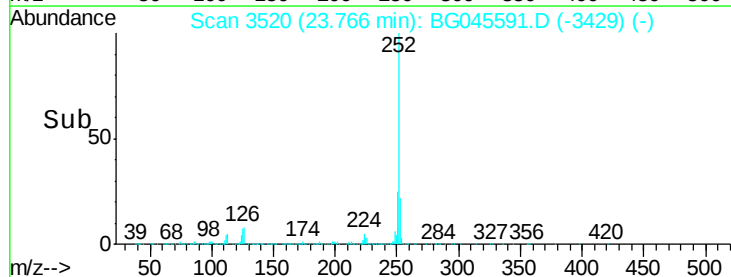
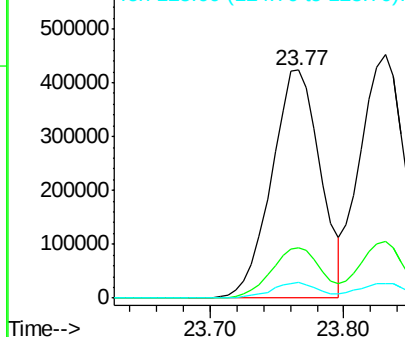


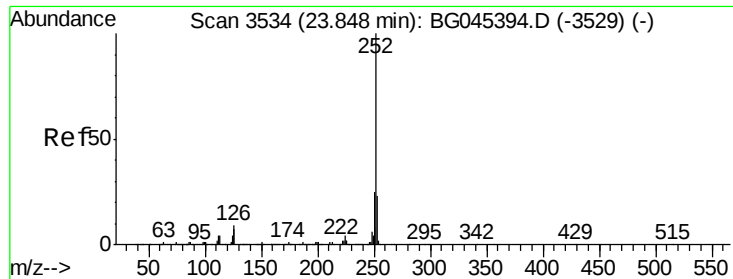
#88
Benzo(b)fluoranthene
Concen: 48.631 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion:252 Resp: 1073851
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 6.7 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

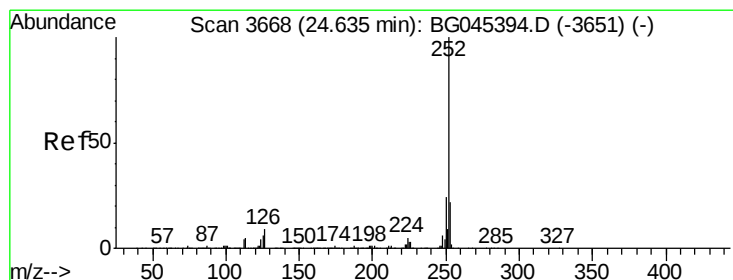
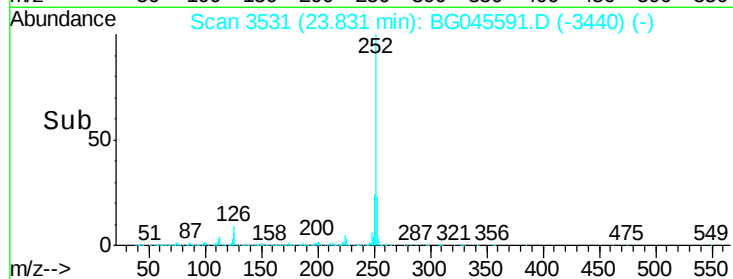
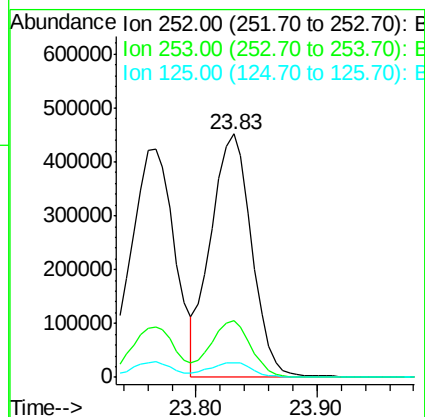
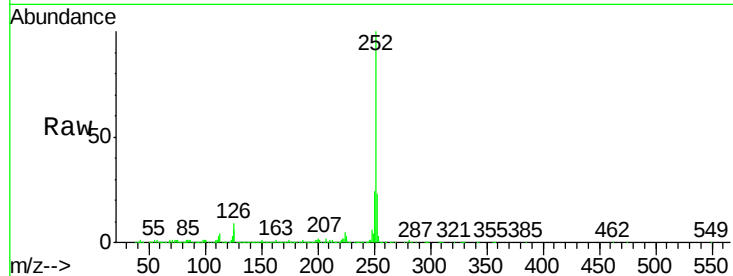




#89
Benzo(k)fluoranthene
Concen: 50.866 ng
RT: 23.83 min Scan# 3531
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

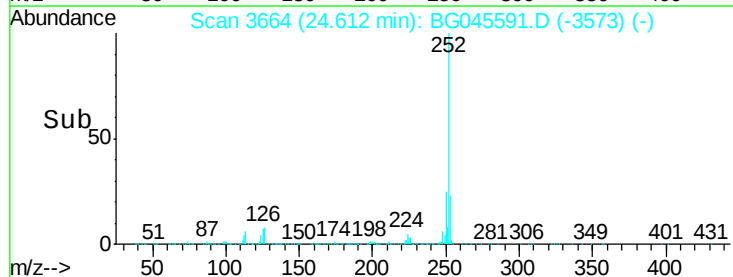
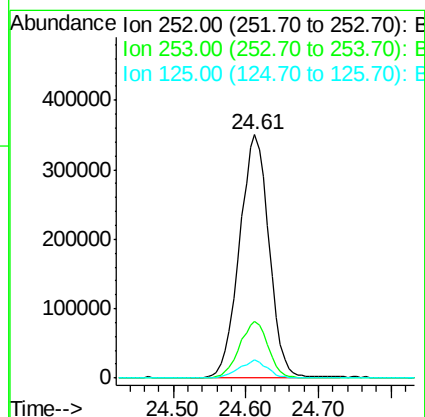
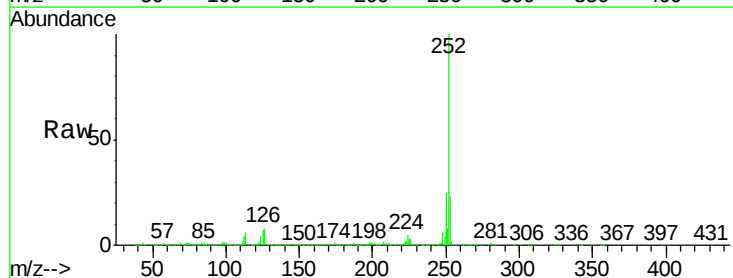
Instrument :
BNA_G
ClientSampleId :

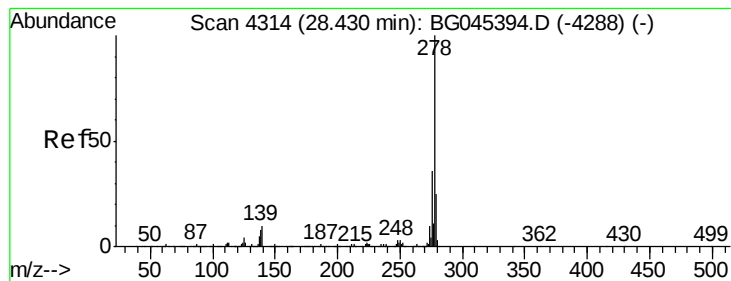
Tot Ion:252 Resp: 1055232
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 5.9 5.7 8.5



#90
Benzo(a)pyrene
Concen: 48.253 ng
RT: 24.61 min Scan# 3664
Delta R.T. 0.01 min
Lab File: BG045591.D
Acq: 3 Jun 2020 21:42

Tgt Ion:252 Resp: 992327
Ion Ratio Lower Upper
252 100
253 23.4 17.2 25.8
125 7.5 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 51.634 ng

RT: 28.40 min Scan# 4309

Delta R.T. 0.01 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

Instrument :

BNA_G

ClientSampleId :

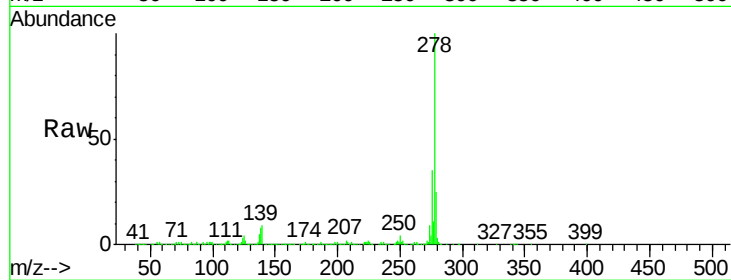
Tot Ion:278 Resp: 1067049

Ion Ratio Lower Upper

278 100

139 9.3 7.8 11.8

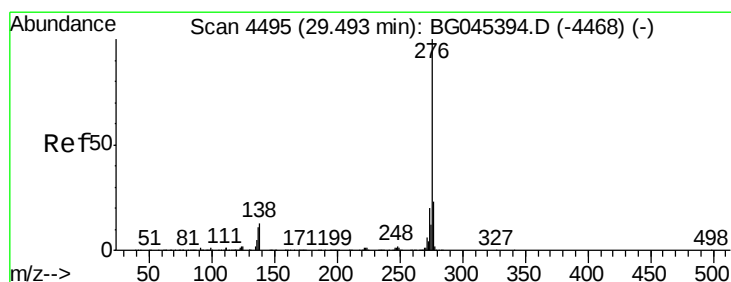
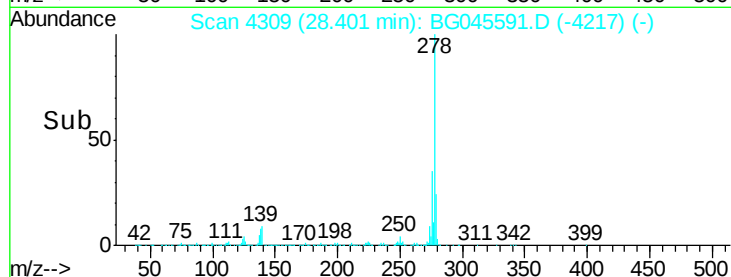
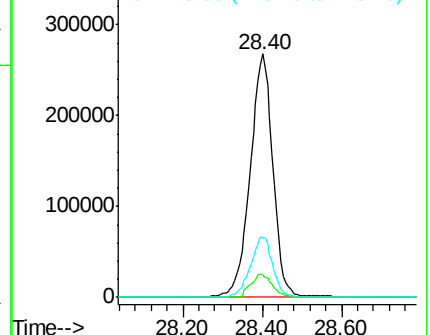
279 24.6 19.8 29.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.521 ng

RT: 29.46 min Scan# 4489

Delta R.T. 0.02 min

Lab File: BG045591.D

Acq: 3 Jun 2020 21:42

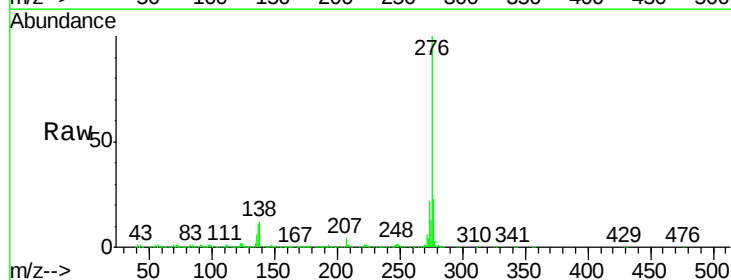
Tgt Ion:276 Resp: 1085534

Ion Ratio Lower Upper

276 100

277 23.2 18.1 27.1

138 11.6 10.2 15.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

