

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045596.D
 Acq On : 4 Jun 2020 3:44
 Operator : CG/JU
 Sample : PB129278BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 04 05:52:43 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	57883	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	225736	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	158251	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	398526	20.00	ng	0.00
76) Chrysene-d12	21.61	240	386943	20.00	ng	0.00
87) Perylene-d12	24.75	264	422352	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	453653	153.17	ng	0.00
7) Phenol-d6	7.15	99	628840	149.17	ng	0.00
23) Nitrobenzene-d5	9.11	82	404553	97.73	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	309683	153.02	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	918659	98.47	ng	0.00
79) Terphenyl-d14	19.96	244	1693768	102.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	57170	38.925	ng	94
3) Pyridine	3.80	79	133832	32.717	ng	95
4) n-Nitrosodimethylamine	3.72	42	63789	47.656	ng	90
6) Aniline	7.28	93	200053	36.353	ng	97
8) 2-Chlorophenol	7.53	128	165517	50.959	ng	99
9) Benzaldehyde	7.08	77	104961	38.216	ng	97
10) Phenol	7.18	94	220561	50.765	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	157109	46.360	ng	99
12) 1,3-Dichlorobenzene	7.84	146	179019	45.865	ng	99
13) 1,4-Dichlorobenzene	7.99	146	184154	47.808	ng	98
14) 1,2-Dichlorobenzene	8.30	146	171653	46.333	ng	97
15) Benzyl Alcohol	8.20	79	170709	49.020	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.49	45	142570	44.320	ng	99
17) 2-Methylphenol	8.42	107	149753	46.050	ng	98
18) Hexachloroethane	9.04	117	70863	48.034	ng	94
19) n-Nitroso-di-n-propylamine	8.76	70	136162	46.709	ng	98
20) 3+4-Methylphenols	8.75	107	203583	45.972	ng	92
22) Acetophenone	8.77	105	253533	47.388	ng	99
24) Nitrobenzene	9.16	77	210726	47.513	ng	98
25) Isophorone	9.68	82	378586	46.439	ng	98
26) 2-Nitrophenol	9.87	139	94852	49.994	ng	91
27) 2,4-Dimethylphenol	9.95	122	154051	54.746	ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	207715	48.584	ng	99
29) 2,4-Dichlorophenol	10.42	162	171512	51.615	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	189578	48.282	ng	95
31) Naphthalene	10.81	128	508796	48.369	ng	99
32) Benzoic acid	10.12	122	95350	49.442	ng	93
33) 4-Chloroaniline	10.92	127	138379	31.471	ng	97
34) Hexachlorobutadiene	11.10	225	128511	46.301	ng	100
35) Caprolactam	11.69	113	36598	30.006	ng	97
36) 4-Chloro-3-methylphenol	12.07	107	195037	52.088	ng	95
37) 2-Methylnaphthalene	12.42	142	385715	49.196	ng	99
38) 1-Methylnaphthalene	12.42	142	385715	52.080	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	224104	50.700	ng	99

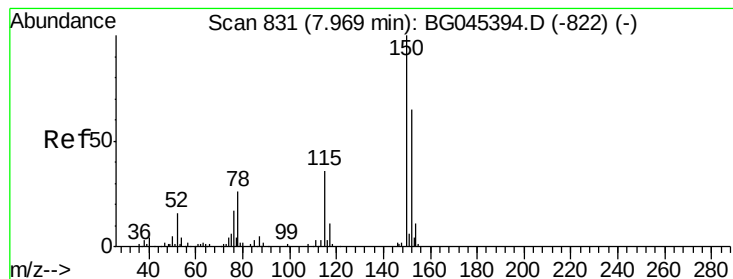
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045596.D
 Acq On : 4 Jun 2020 3:44
 Operator : CG/JU
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Quant Time: Jun 04 05:52:43 2020
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 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	246818	96.744	nq	99
43) 2,4,6-Trichlorophenol	13.04	196	152419	49.639	nq	96
44) 2,4,5-Trichlorophenol	13.12	196	162587	46.337	nq	98
46) 1,1'-Biphenyl	13.43	154	493607	50.763	nq	100
47) 2-Chloronaphthalene	13.47	162	374965	47.487	nq	100
48) 2-Nitroaniline	13.67	65	122982	47.349	nq	91
49) Acenaphthylene	14.32	152	640223	50.478	nq	99
50) Dimethylphthalate	14.05	163	512978	47.253	nq	99
51) 2,6-Dinitrotoluene	14.17	165	117262	47.869	nq	99
52) Acenaphthene	14.66	154	372788	43.910	nq	99
53) 3-Nitroaniline	14.51	138	88793	35.657	nq	98
54) 2,4-Dinitrophenol	14.71	184	124010	77.466	nq	99
55) Dibenzofuran	14.99	168	617641	48.990	nq	97
56) 4-Nitrophenol	14.85	139	187440	99.422	nq	94
57) 2,4-Dinitrotoluene	14.96	165	174635	49.224	nq	99
58) Fluorene	15.65	166	513950	49.620	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	156263	50.620	nq	98
60) Diethylphthalate	15.42	149	543748	48.123	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	283229	47.786	nq	99
62) 4-Nitroaniline	15.67	138	125722	48.361	nq	99
63) Azobenzene	15.93	77	526331	49.956	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	105250	45.347	nq	97
66) n-Nitrosodiphenylamine	15.86	169	463846	48.476	nq	97
67) 4-Bromophenyl-phenylether	16.53	248	200441	46.448	nq	98
68) Hexachlorobenzene	16.66	284	221137	48.994	nq	96
69) Atrazine	16.80	200	182749	46.369	nq	98
70) Pentachlorophenol	17.01	266	230444	98.329	nq	98
71) Phenanthrene	17.39	178	867985	49.890	nq	100
72) Anthracene	17.48	178	887447	50.794	nq	98
73) Carbazole	17.75	167	829624	48.714	nq	99
74) Di-n-butylphthalate	18.31	149	990778	48.470	nq	99
75) Fluoranthene	19.40	202	1111414	50.224	nq	100
77) Benzidine	19.58	184	518745	47.734	nq	98
78) Pyrene	19.76	202	1101699	49.947	nq	99
80) Butylbenzylphthalate	20.65	149	451306	47.403	nq	98
81) Benzo(a)anthracene	21.59	228	1080463	50.125	nq	98
82) 3,3'-Dichlorobenzidine	21.50	252	322613	38.155	nq	99
83) Chrysene	21.65	228	1029599	49.676	nq	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	638275	48.770	nq	98
85) Di-n-octyl phthalate	22.68	149	1077411	47.932	nq	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1331069	49.111	nq	98
88) Benzo(b)fluoranthene	23.76	252	1144751	50.538	nq	99
89) Benzo(k)fluoranthene	23.82	252	1089958	51.219	nq	99
90) Benzo(a)pyrene	24.61	252	1044558	49.515	nq	98
91) Dibenzo(a,h)anthracene	28.39	278	1083722	51.121	nq	99
92) Benzo(g,h,i)perylene	29.45	276	1100001	51.882	nq	99

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

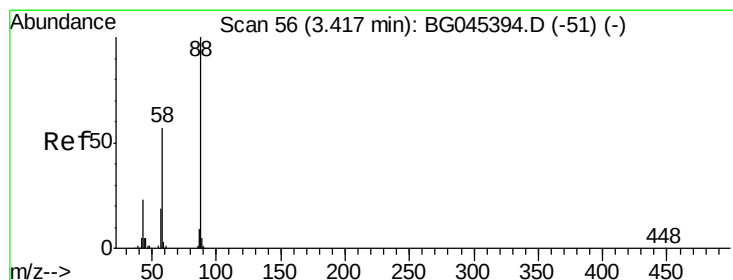
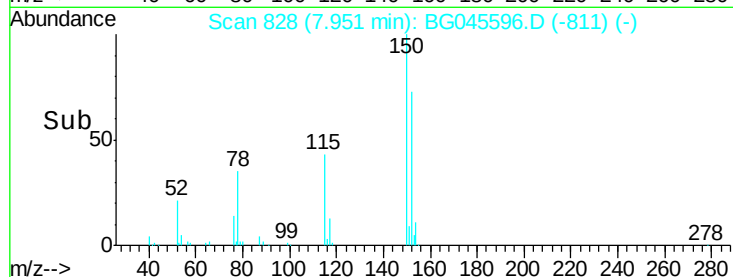
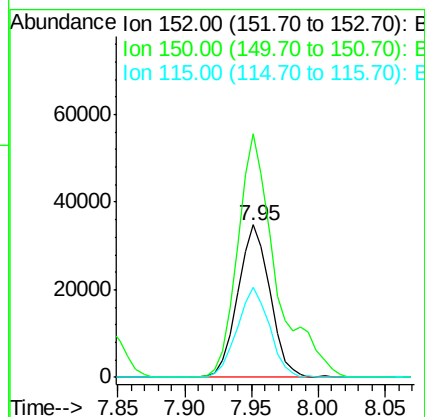
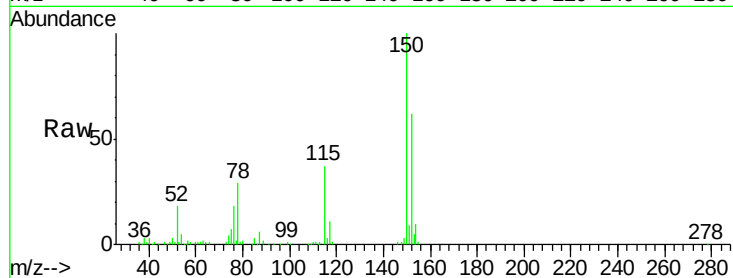


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :

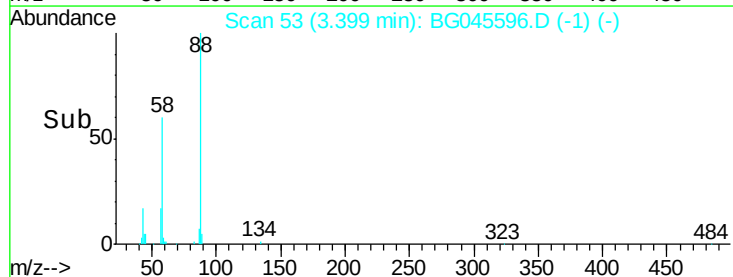
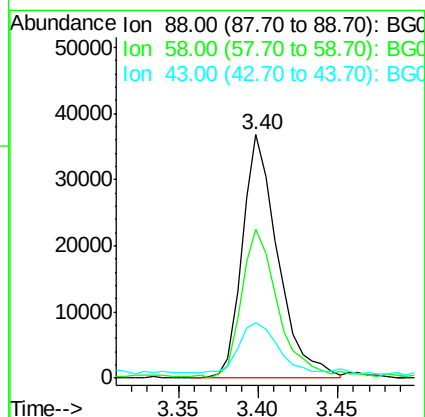
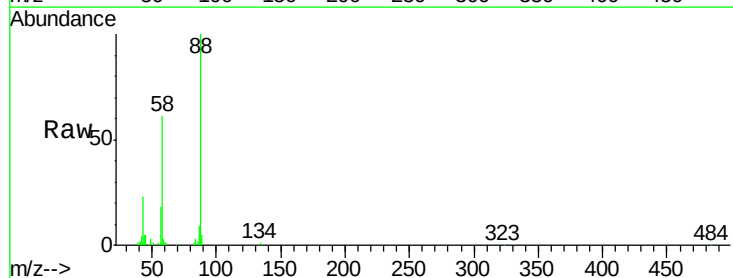
Tot Ion:152 Resp: 57883
Ion Ratio Lower Upper
152 100
150 160.0 122.4 183.6
115 58.8 44.2 66.4

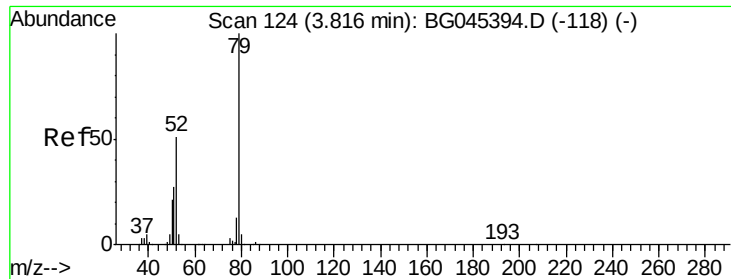


#2

1,4-Dioxane
Concen: 38.925 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion: 88 Resp: 57170
Ion Ratio Lower Upper
88 100
58 62.7 45.7 68.5
43 22.5 16.8 25.2





#3

Pvridine

Concen: 32.717 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampleId :

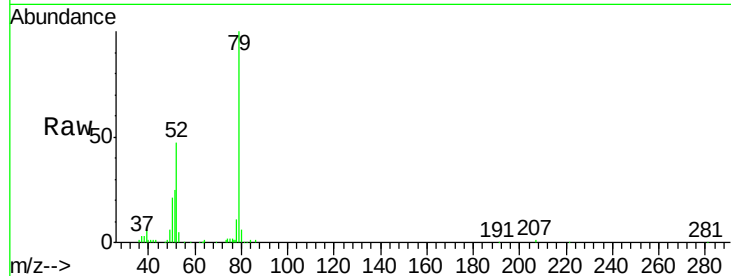
Tot Ion: 79 Resp: 133832

Ion Ratio Lower Upper

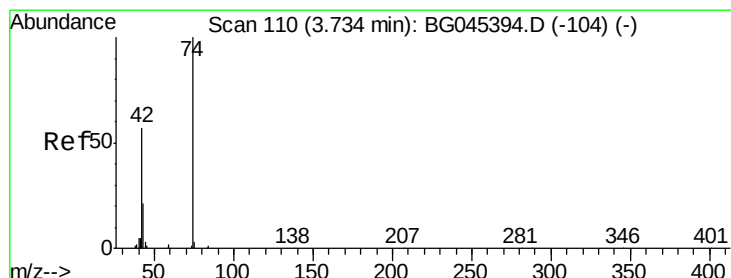
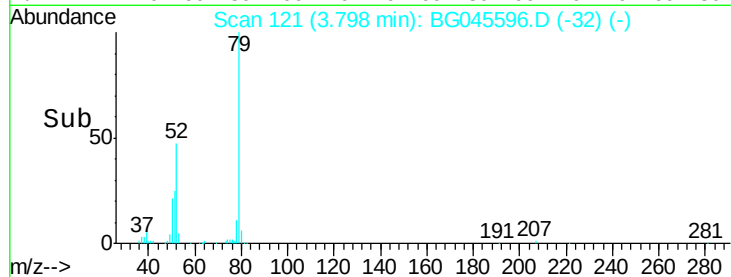
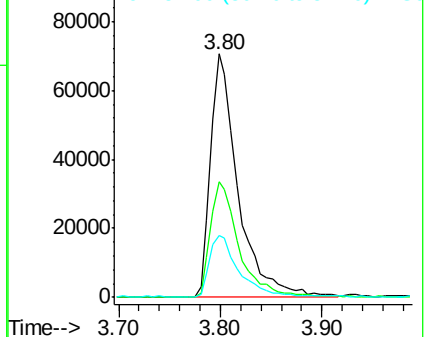
79 100

52 47.2 40.8 61.2

51 25.4 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: 47.656 ng

RT: 3.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

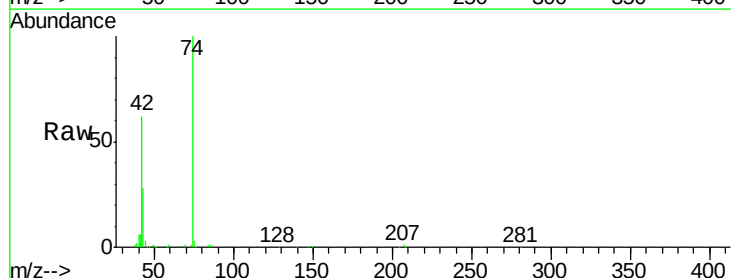
Tgt Ion: 42 Resp: 63789

Ion Ratio Lower Upper

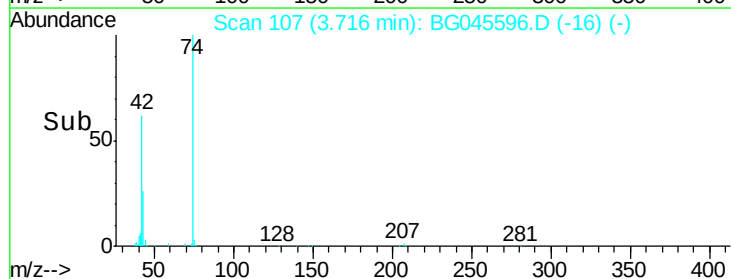
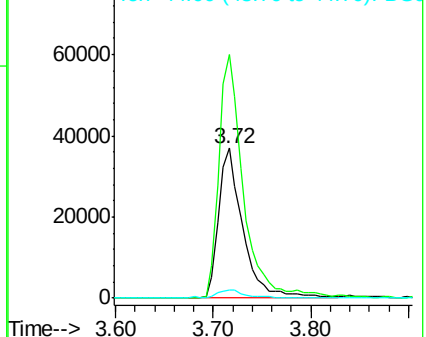
42 100

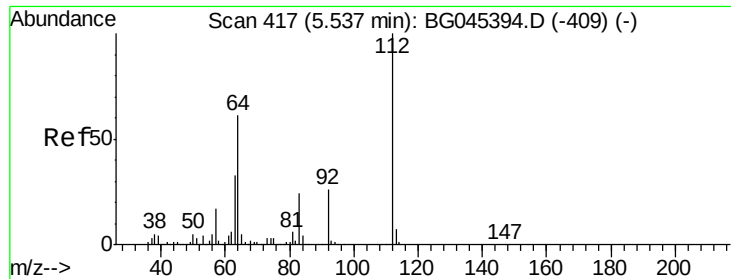
74 162.2 141.3 211.9

44 5.5 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: 153.166 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampleId :

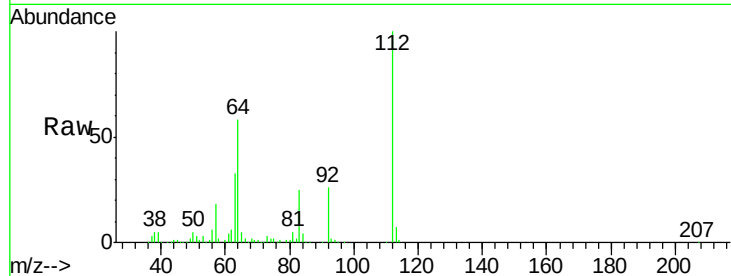
Tot Ion:112 Resp: 453653

Ion Ratio Lower Upper

112 100

64 58.5 48.6 72.8

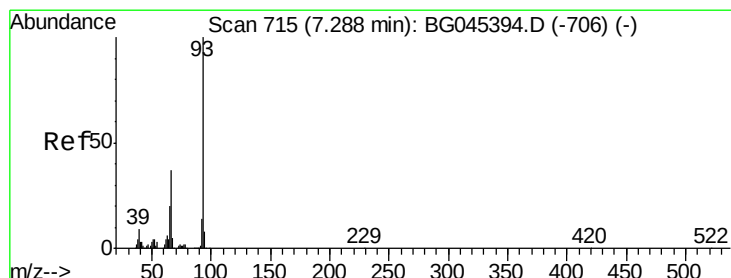
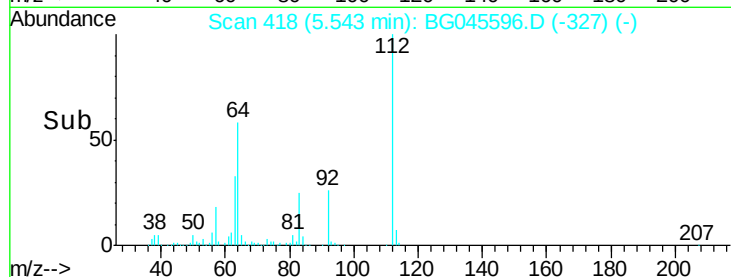
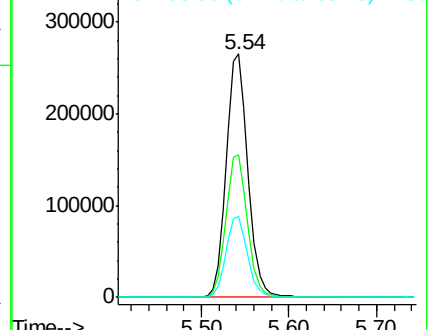
63 33.4 26.5 39.7



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: 36.353 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

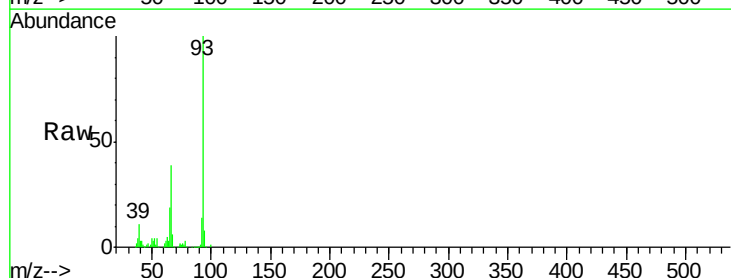
Tgt Ion: 93 Resp: 200053

Ion Ratio Lower Upper

93 100

66 38.7 29.6 44.4

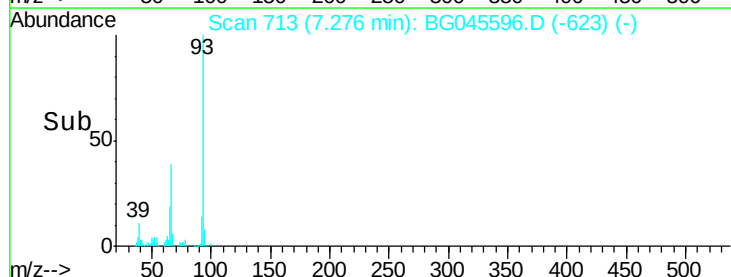
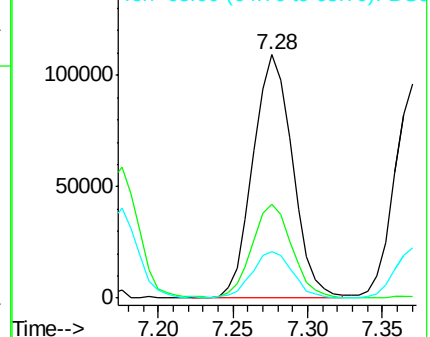
65 18.9 15.9 23.9

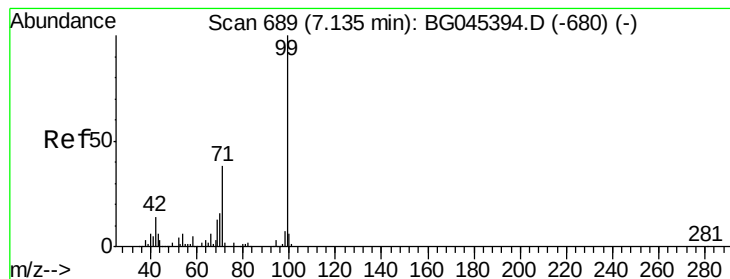


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 149.171 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampleId :

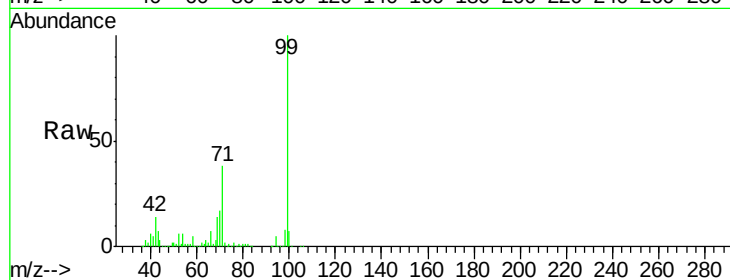
Tot Ion: 99 Resp: 628840

Ion Ratio Lower Upper

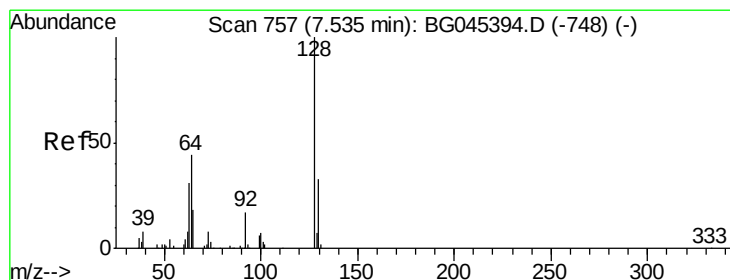
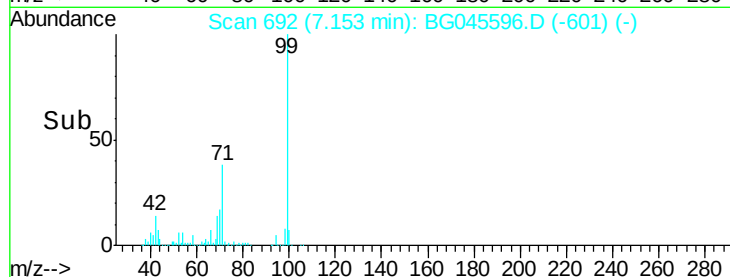
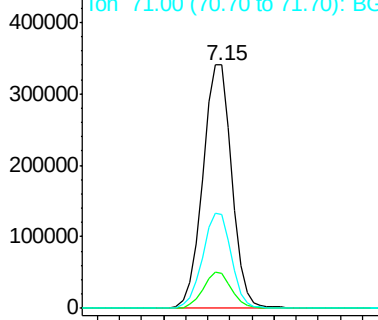
99 100

42 14.4 11.3 16.9

71 38.4 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: 50.959 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

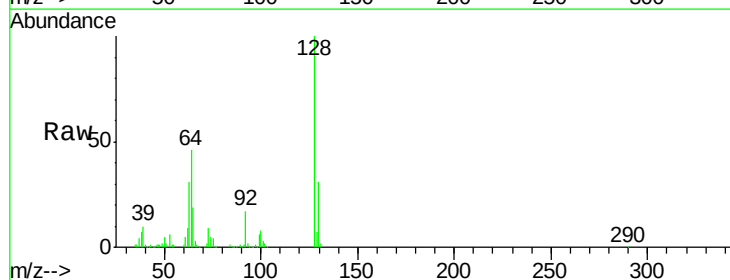
Tgt Ion:128 Resp: 165517

Ion Ratio Lower Upper

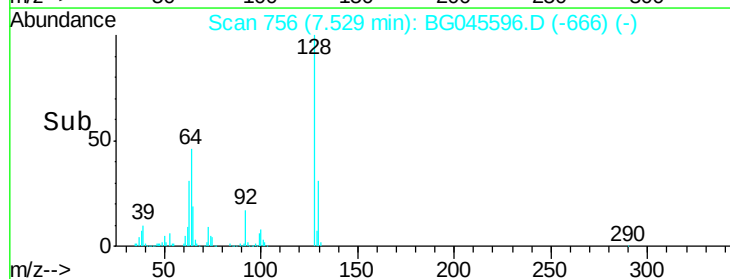
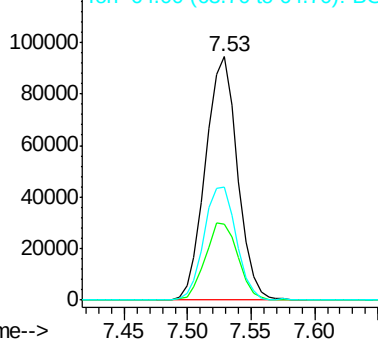
128 100

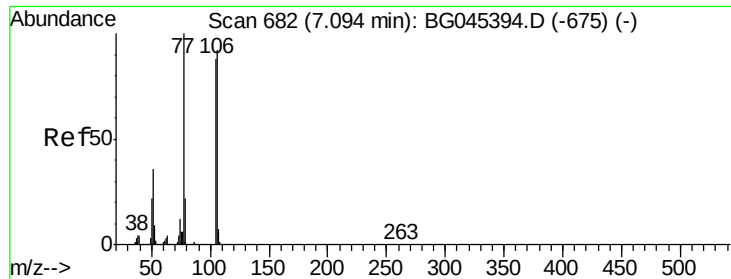
130 31.4 12.6 52.6

64 46.3 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: 38.216 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampleId :

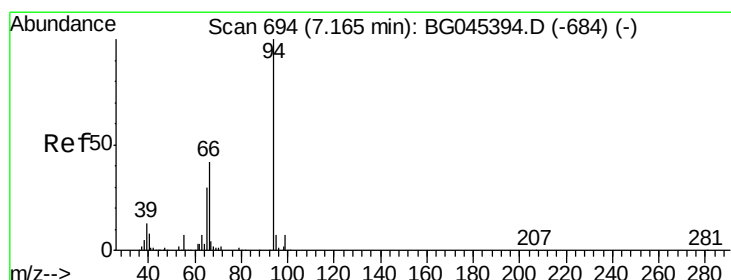
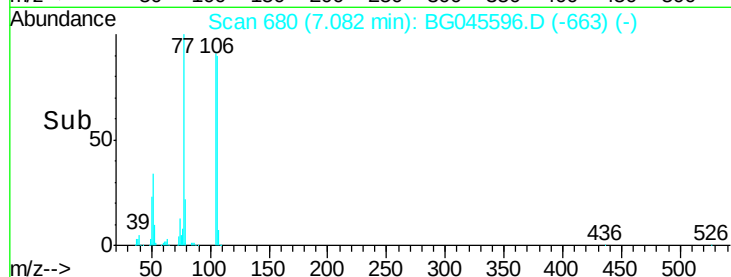
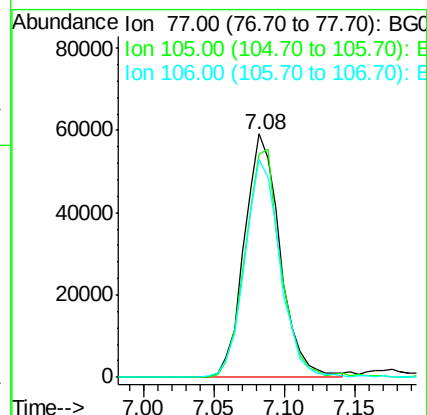
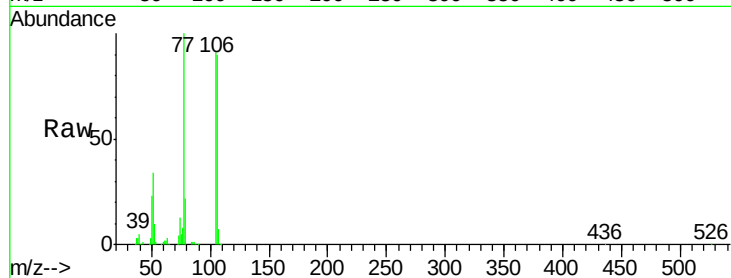
Tot Ion: 77 Resp: 104961

Ion Ratio Lower Upper

77 100

105 91.5 68.5 108.5

106 89.7 71.6 111.6



#10

Phenol

Concen: 50.765 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

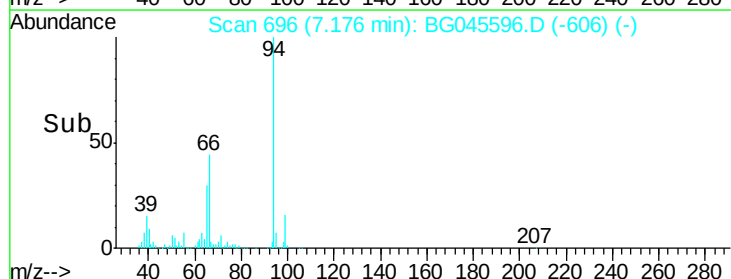
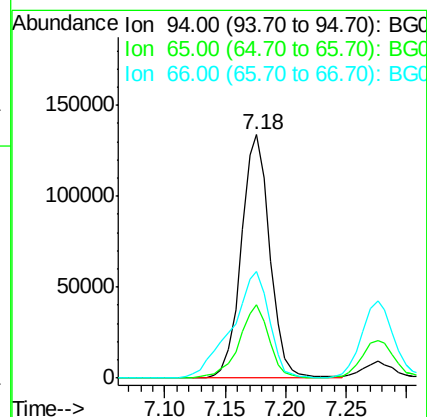
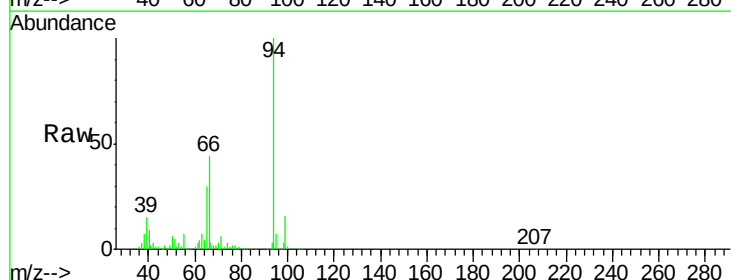
Tgt Ion: 94 Resp: 220561

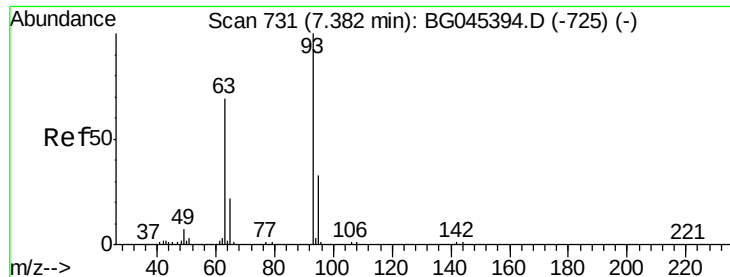
Ion Ratio Lower Upper

94 100

65 30.0 9.8 49.8

66 44.0 22.0 62.0

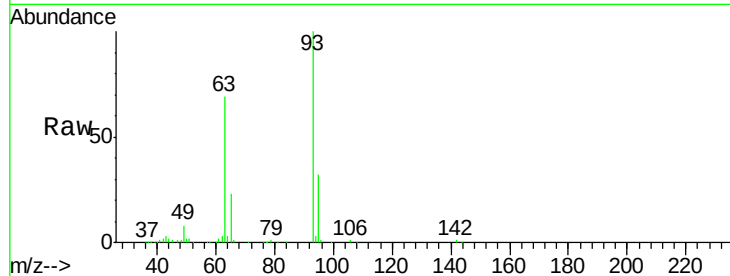




#11
bis(2-Chloroethyl)ether
Concen: 46.360 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.4	48.4	88.4
95	31.7	12.4	52.4

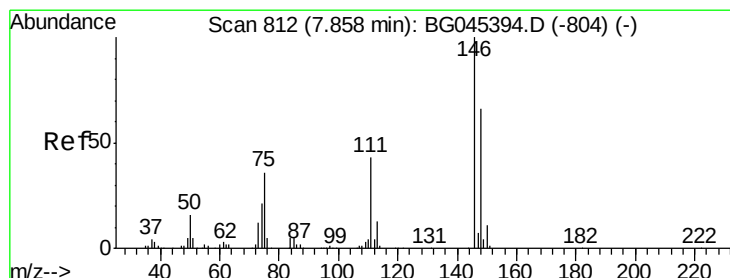
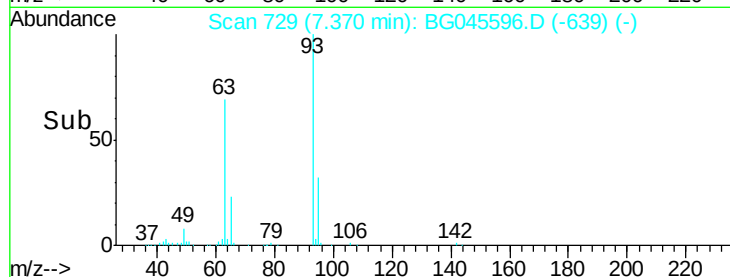
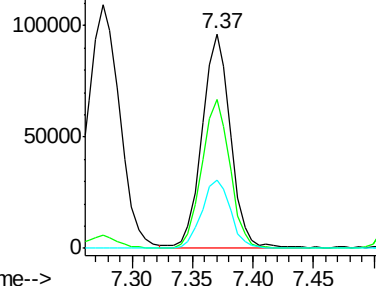


Abundance

Ion 93.00 (92.70 to 93.70): BGC

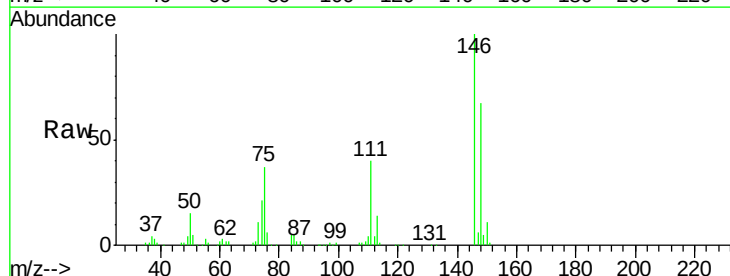
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 45.865 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	53.2	79.8
75	36.8	28.6	43.0

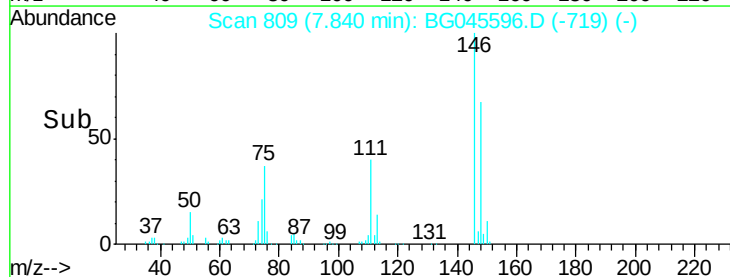
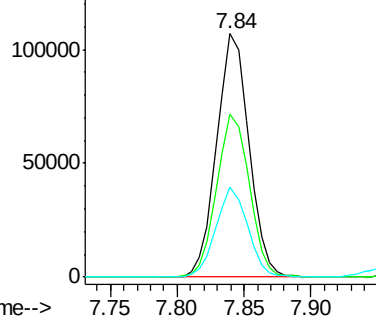


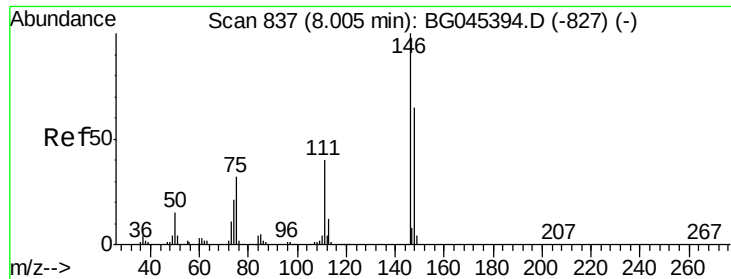
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

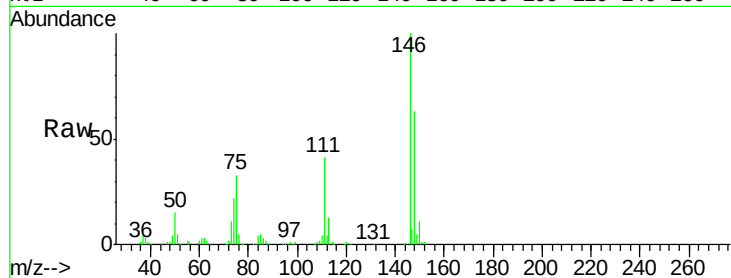




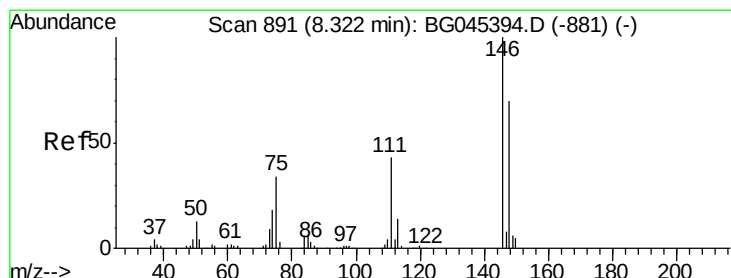
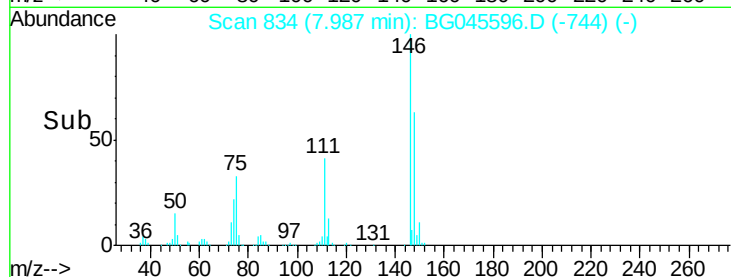
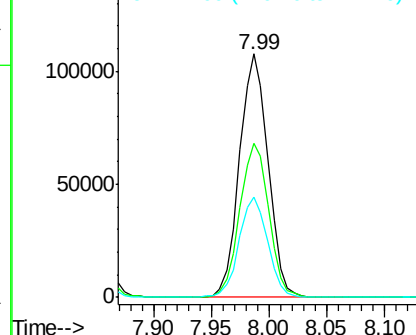
#13
 1,4-Dichlorobenzene
 Concen: 47.808 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 184154
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.8
 111 41.1 32.1 48.1

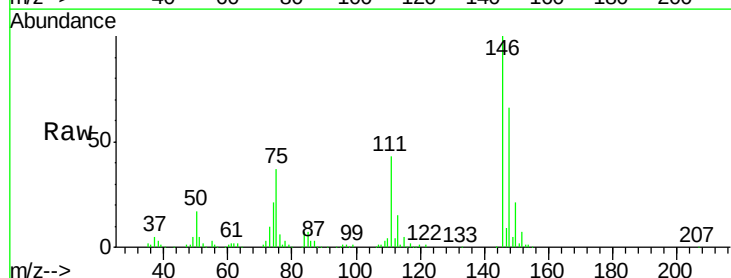


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

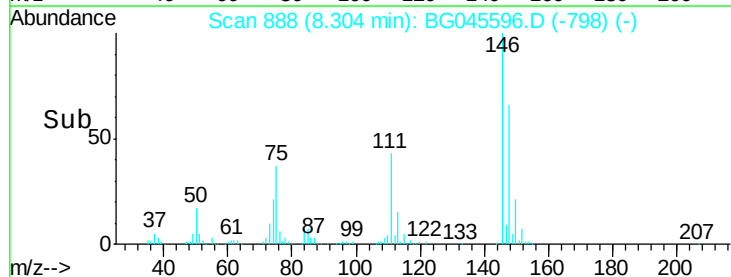
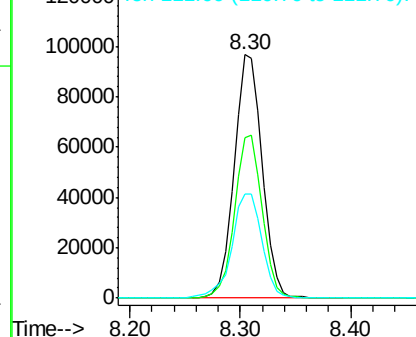


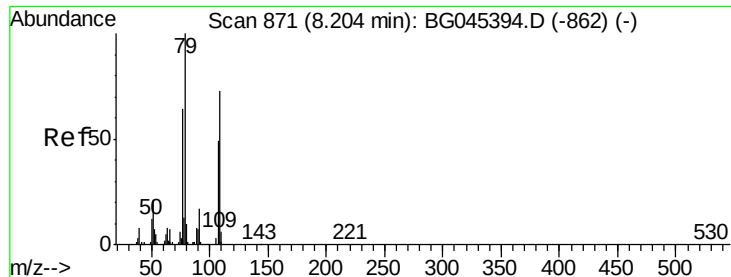
#14
 1,2-Dichlorobenzene
 Concen: 46.333 ng
 RT: 8.30 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Tgt Ion:146 Resp: 171653
 Ion Ratio Lower Upper
 146 100
 148 66.0 55.9 83.9
 111 42.9 35.0 52.4



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





#15

Benzyl Alcohol

Concen: 49.020 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampleId :

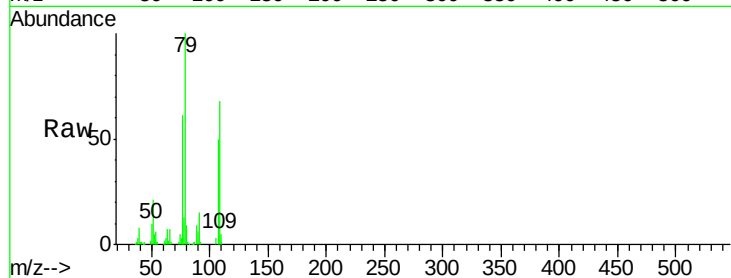
Tot Ion: 79 Resp: 170709

Ion Ratio Lower Upper

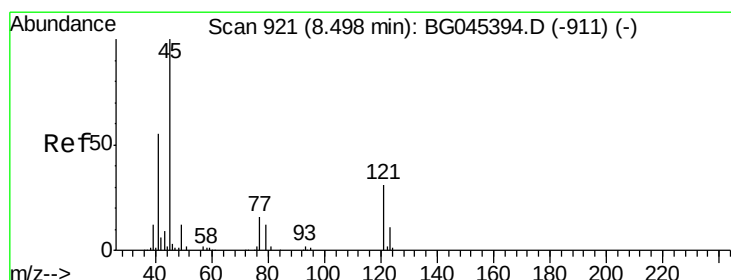
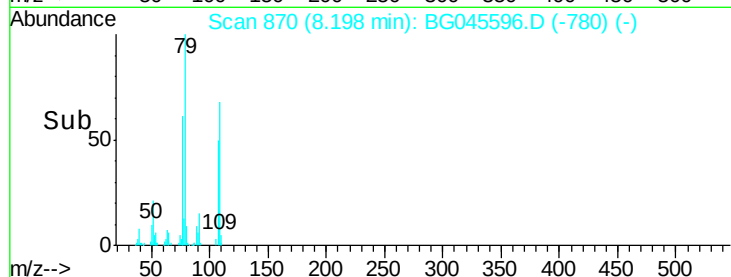
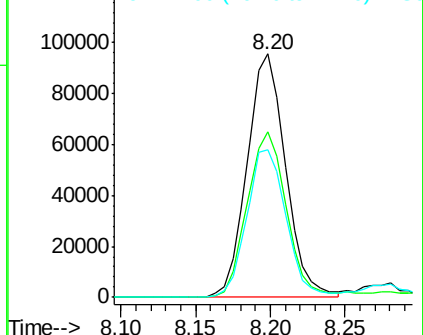
79 100

108 68.1 58.2 87.4

77 60.7 51.0 76.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.320 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

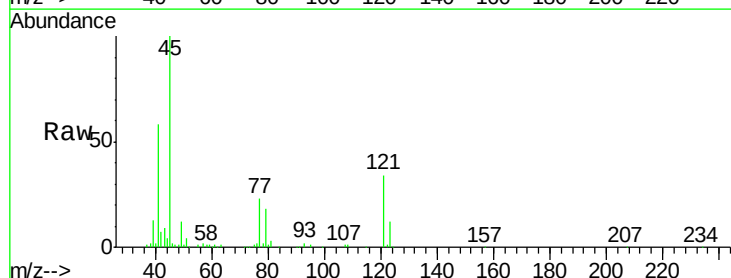
Tgt Ion: 45 Resp: 142570

Ion Ratio Lower Upper

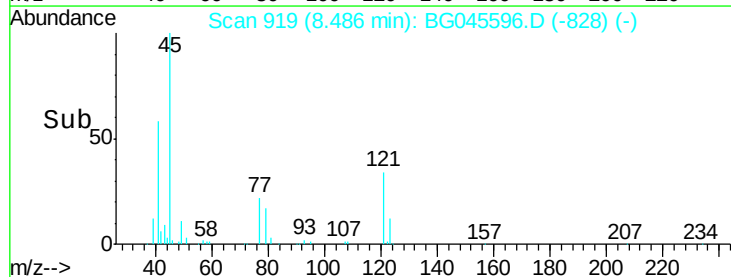
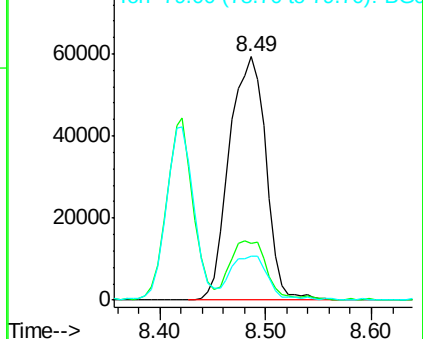
45 100

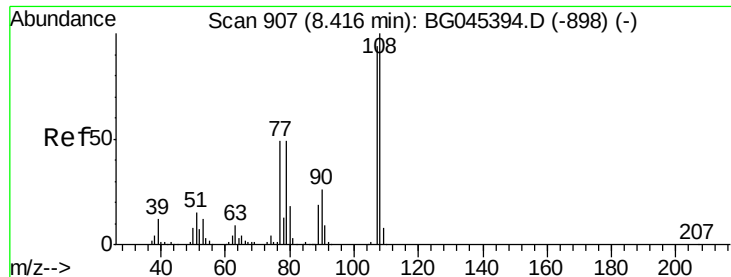
77 23.3 4.0 44.0

79 18.2 0.0 38.6



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





#17

2-Methylphenol

Concen: 46.050 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 149753

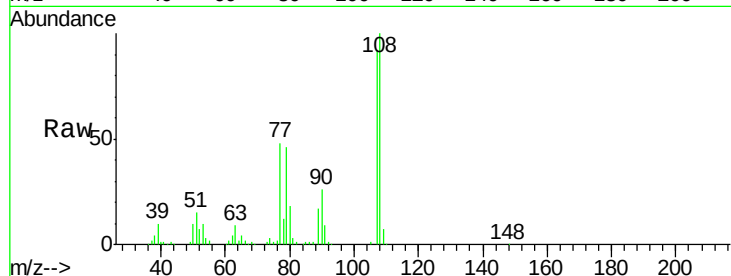
Ion Ratio Lower Upper

107 100

108 109.1 85.2 127.8

77 52.6 41.6 62.4

79 50.2 41.8 62.8

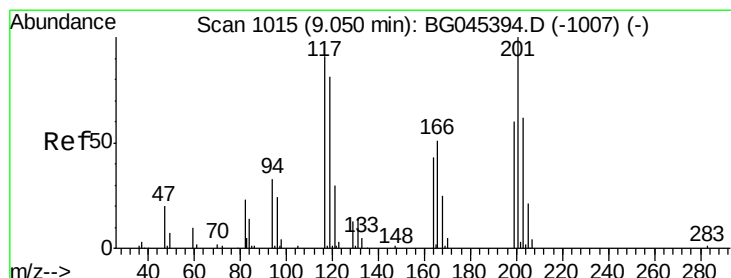
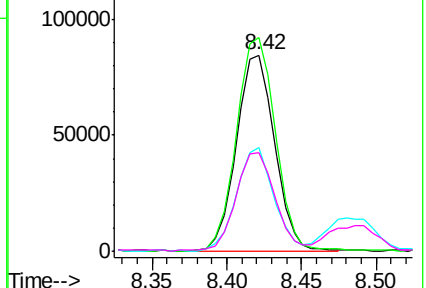
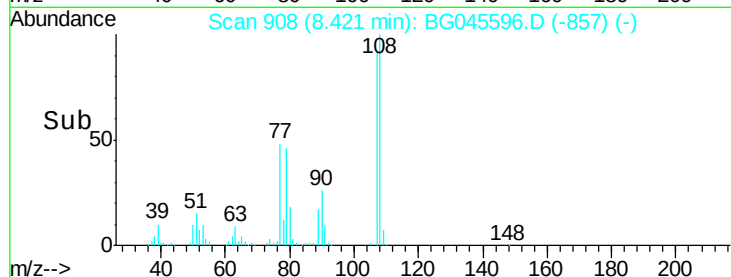


Abundance Ion 107.00 (106.70 to 107.70): E

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: 48.034 ng

RT: 9.04 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

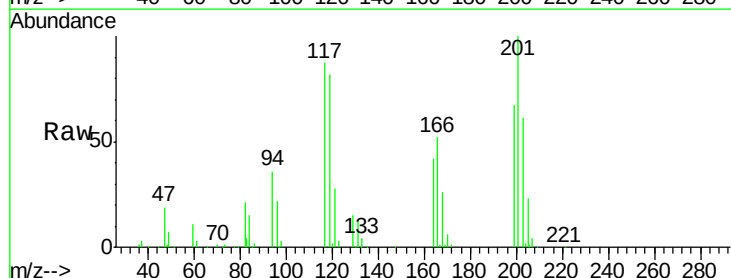
Tgt Ion:117 Resp: 70863

Ion Ratio Lower Upper

117 100

119 94.9 71.3 106.9

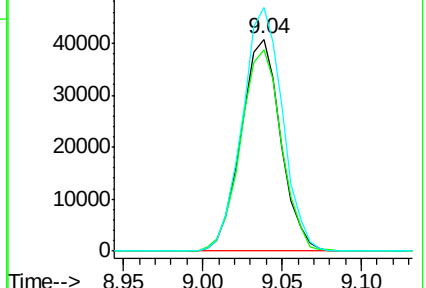
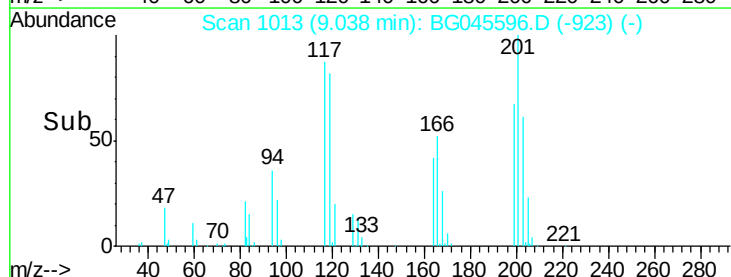
201 115.0 87.5 131.3

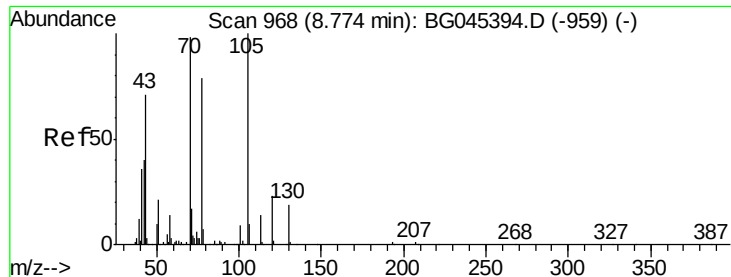


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

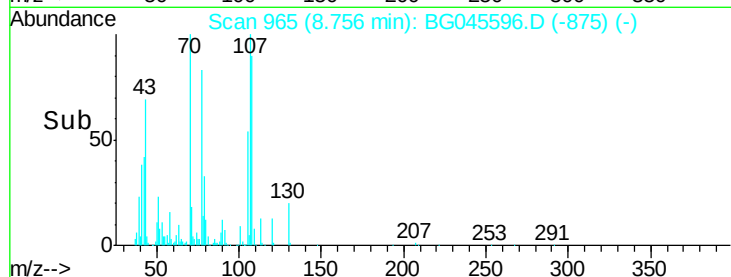
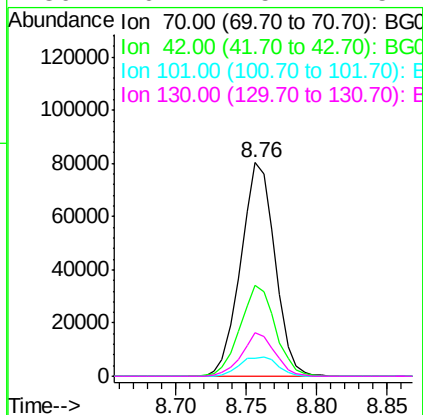
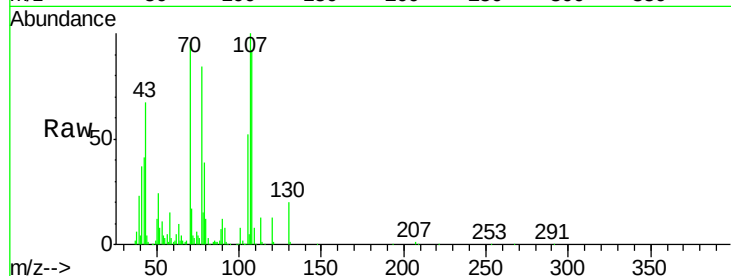




#19
n-Nitroso-di-n-propylamine
Concen: 46.709 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

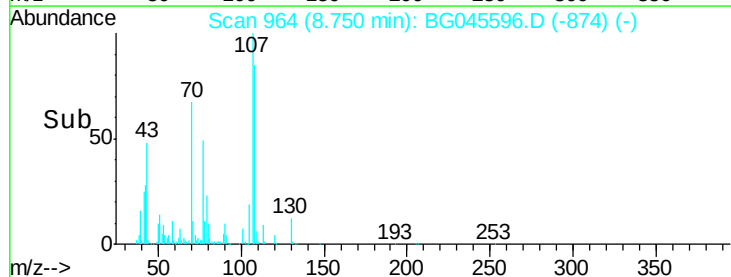
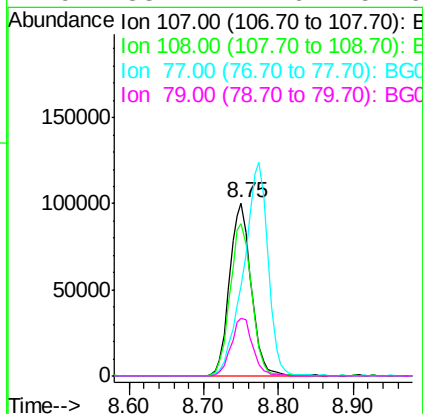
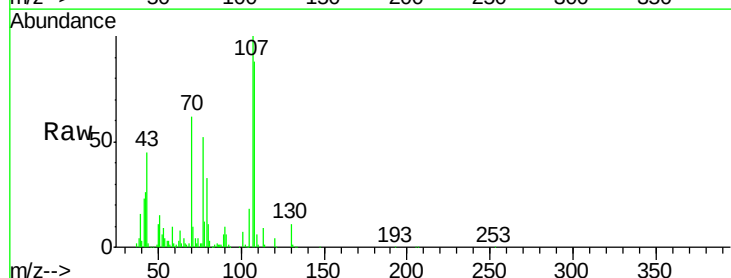
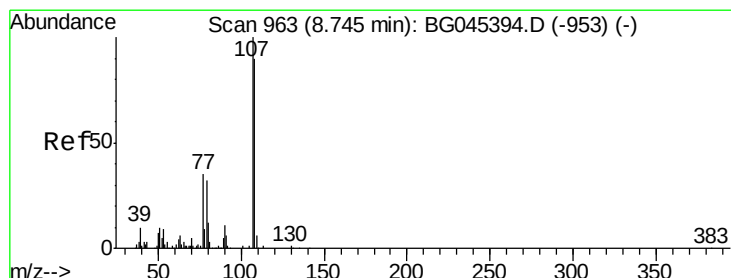
Instrument :
BNA_G
ClientSampleId :

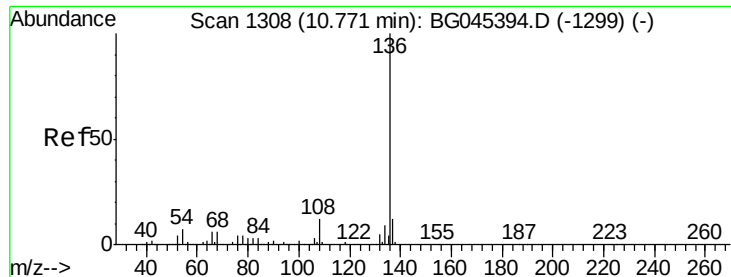
Tot Ion: 70 Resp: 136162
Ion Ratio Lower Upper
70 100
42 42.6 33.2 49.8
101 8.6 7.8 11.6
130 20.4 15.4 23.2



#20
3+4-Methylphenols
Concen: 45.972 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion: 107 Resp: 203583
Ion Ratio Lower Upper
107 100
108 87.9 70.3 110.3
77 51.7 15.4 55.4
79 33.4 12.6 52.6

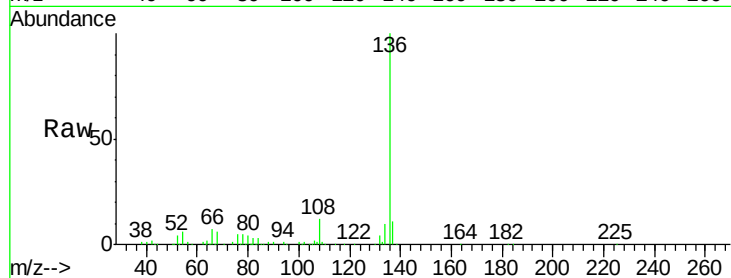




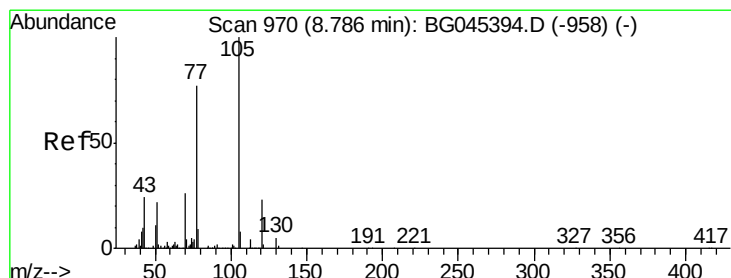
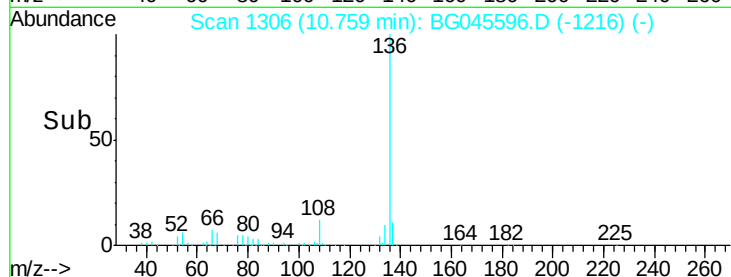
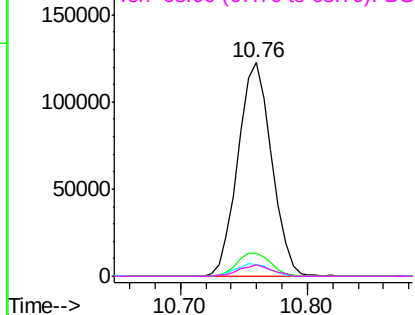
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 225736
Ion Ratio	Lower Upper
136 100	
137 11.1	9.4 14.2
54 5.5	5.8 8.6#
68 5.7	4.5 6.7

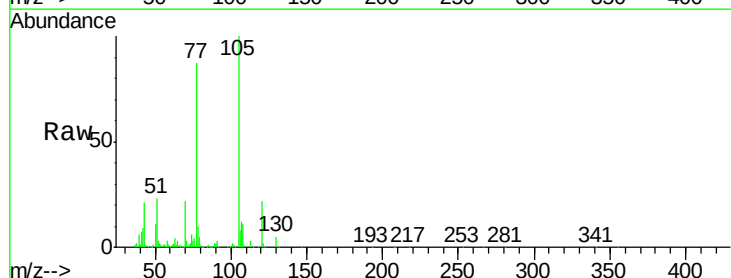


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

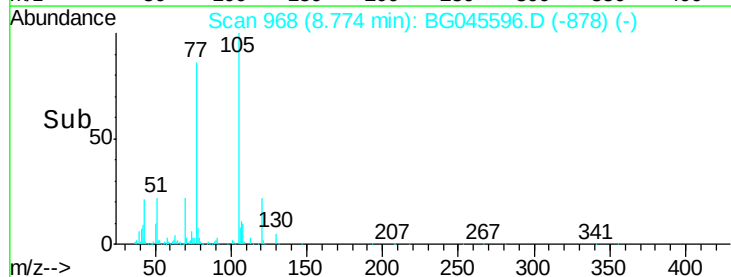
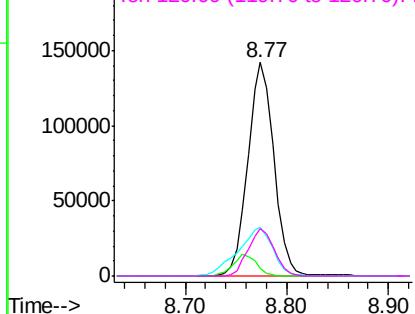


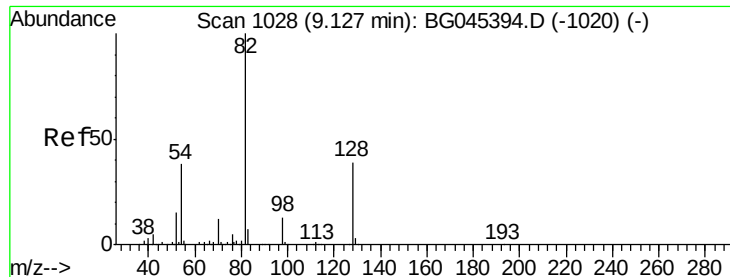
#22
Acetophenone
Concen: 47.388 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt	Ion:105	Resp:	253533
Ion	Ratio	Lower	Upper
105	100		
71	3.5	3.4	5.0
51	22.7	18.2	27.2
120	22.2	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

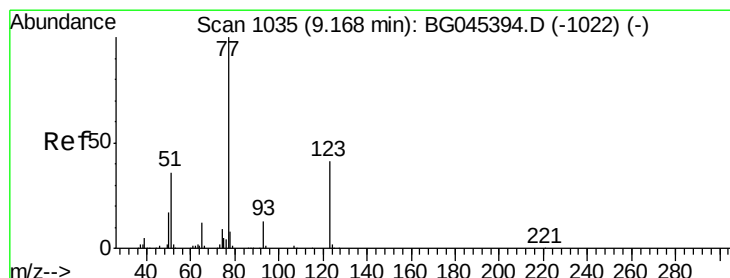
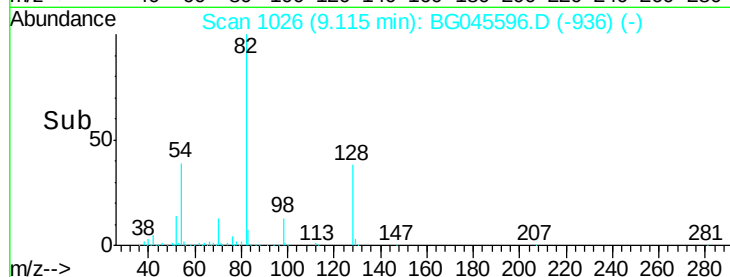
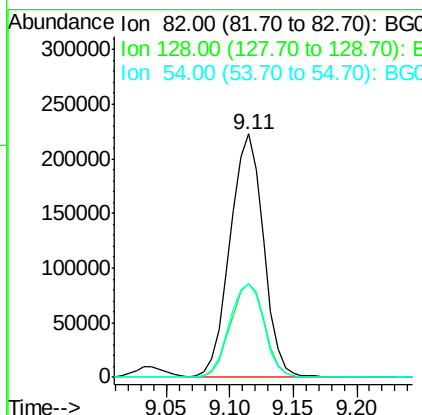
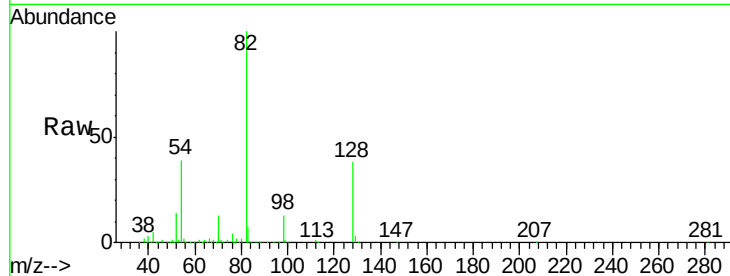




#23
 Nitrobenzene-d5
 Concen: 97.729 ng
 RT: 9.11 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

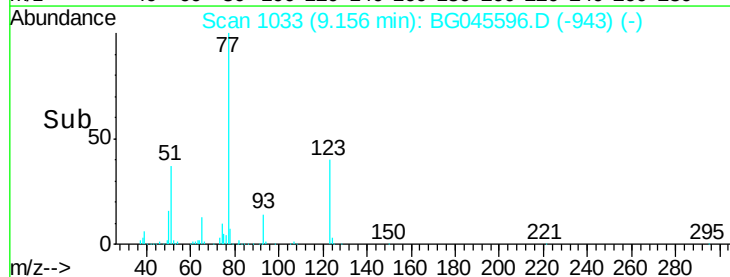
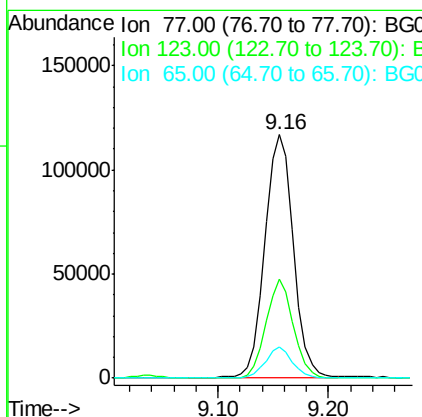
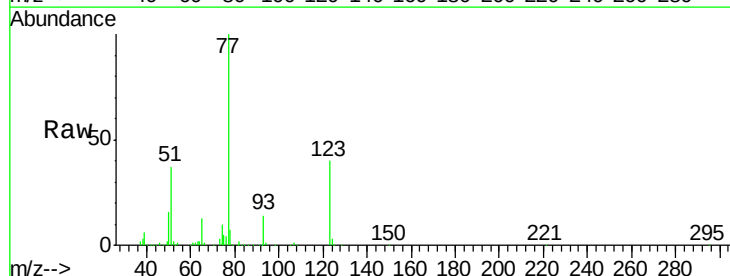
Instrument :
 BNA_G
 ClientSampled :

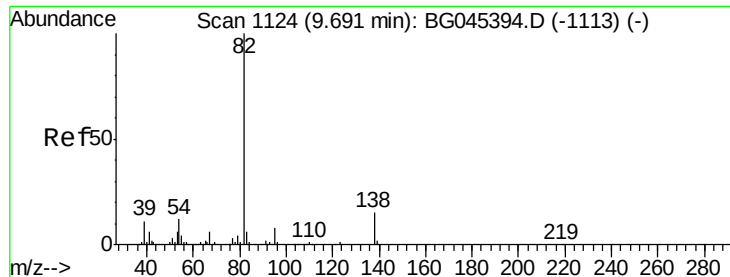
Tot Ion	82	Resp	404553
Ion Ratio	Lower	Upper	
82	100		
128	38.5	30.9	46.3
54	38.8	30.3	45.5



#24
 Nitrobenzene
 Concen: 47.513 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Tgt Ion	77	Resp	210726
Ion Ratio	Lower	Upper	
77	100		
123	40.4	32.9	49.3
65	13.0	9.4	14.2





#25

Isophorone

Concen: 46.439 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampleId :

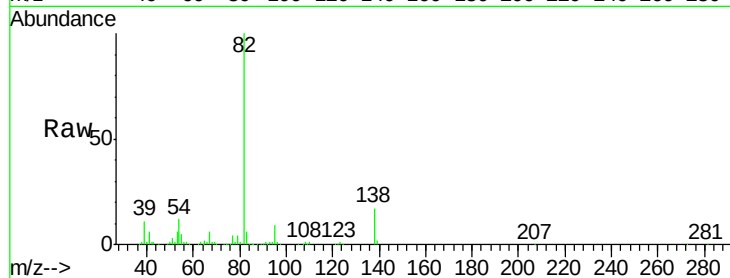
Tot Ion: 82 Resp: 378586

Ion Ratio Lower Upper

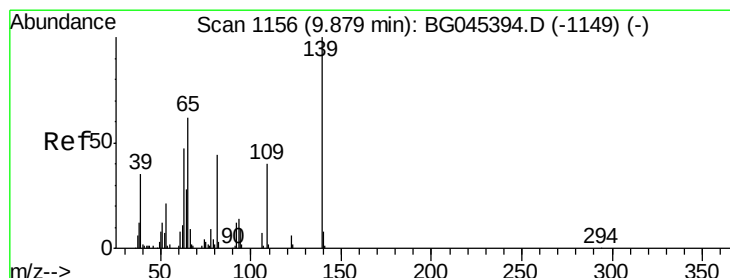
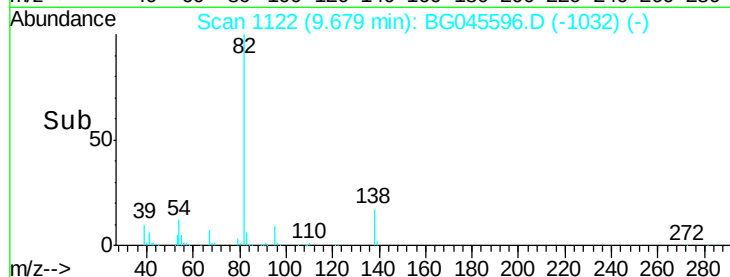
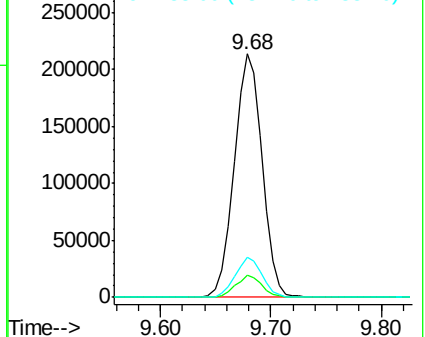
82 100

95 8.9 6.7 10.1

138 16.5 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: 49.994 ng

RT: 9.87 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

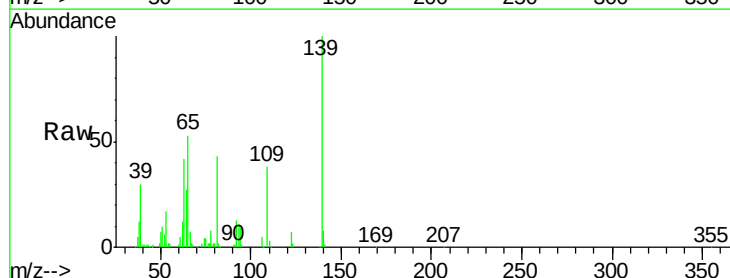
Tgt Ion: 139 Resp: 94852

Ion Ratio Lower Upper

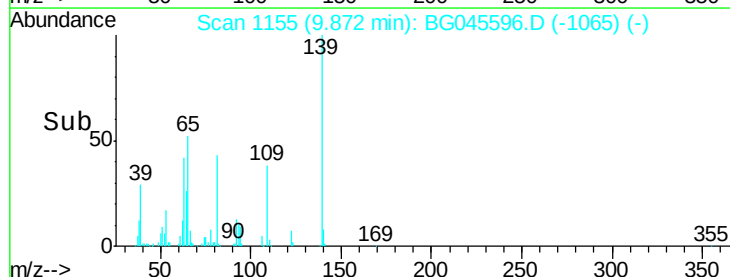
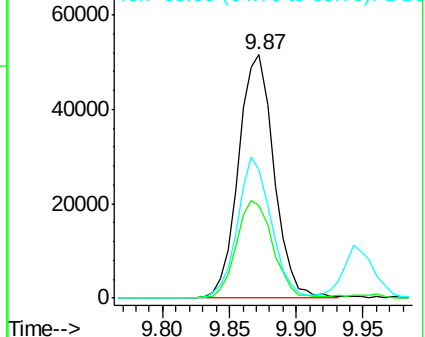
139 100

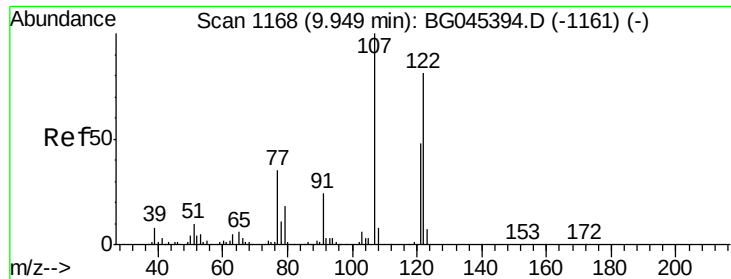
109 38.2 32.2 48.4

65 52.7 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

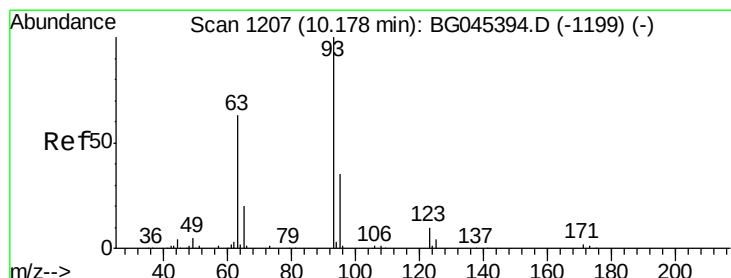
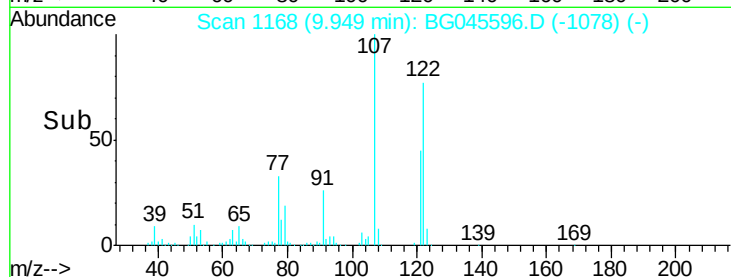
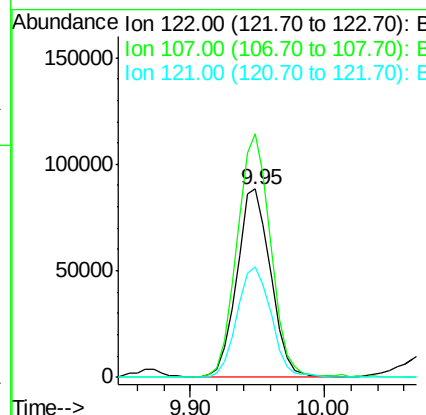
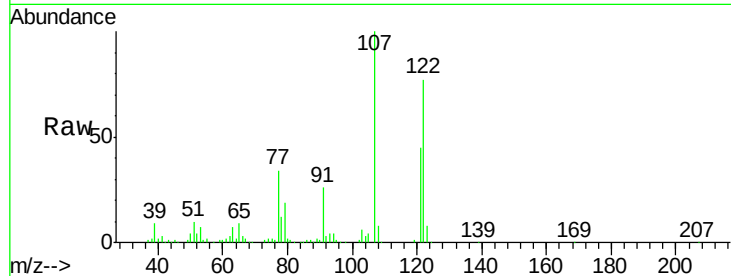




#27
 2,4-Dimethylphenol
 Concen: 54.746 ng
 RT: 9.95 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

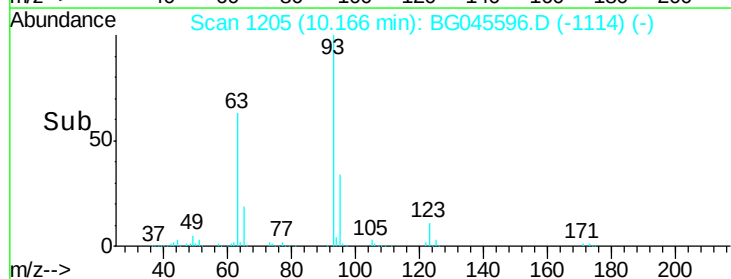
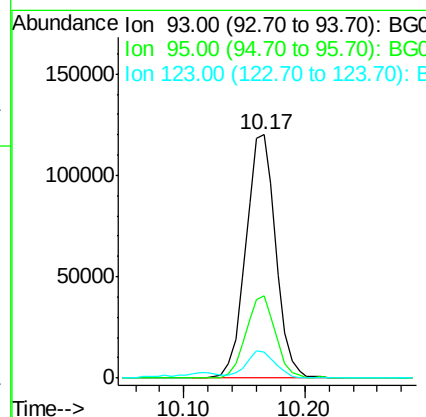
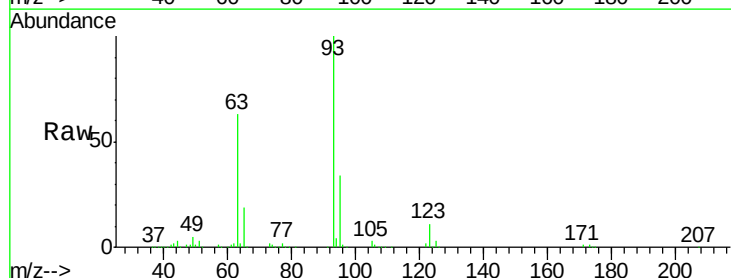
Instrument :
 BNA_G
 ClientSampled :

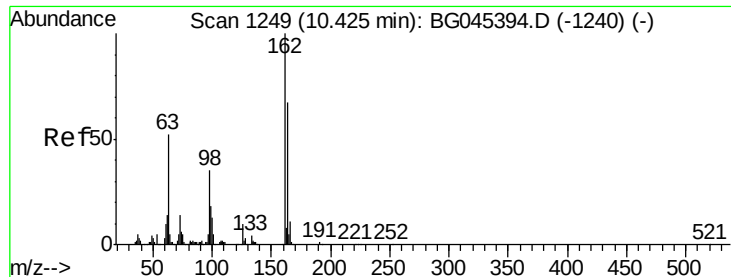
Tot Ion:122 Resp: 154051
 Ion Ratio Lower Upper
 122 100
 107 129.5 99.0 148.4
 121 58.9 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.584 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Tgt Ion: 93 Resp: 207715
 Ion Ratio Lower Upper
 93 100
 95 33.7 27.6 41.4
 123 10.6 8.1 12.1

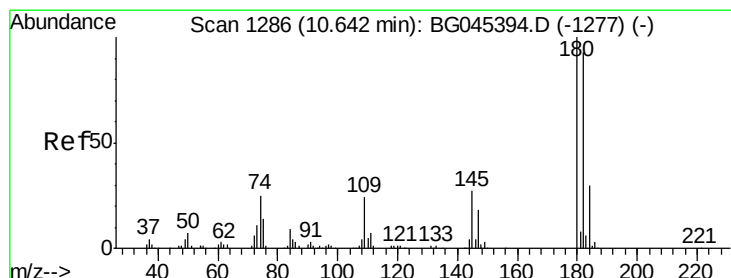
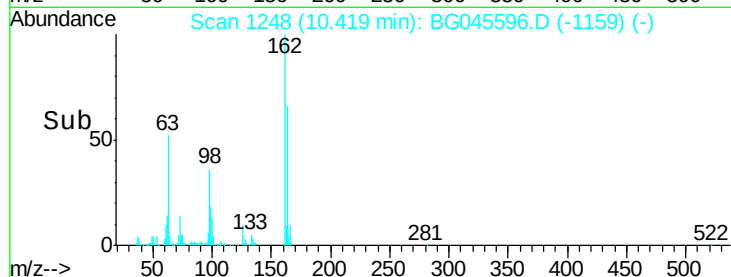
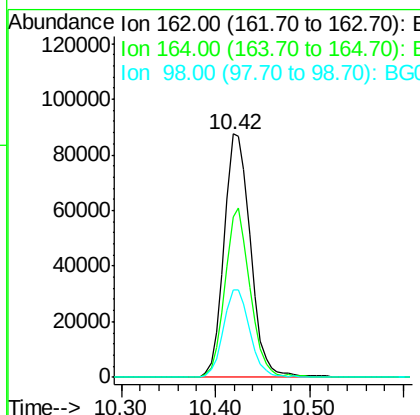
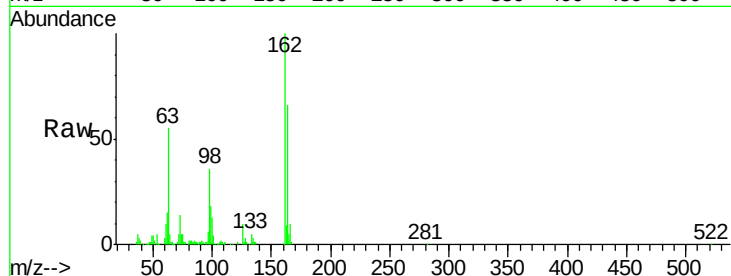




#29
 2,4-Dichlorophenol
 Concen: 51.615 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

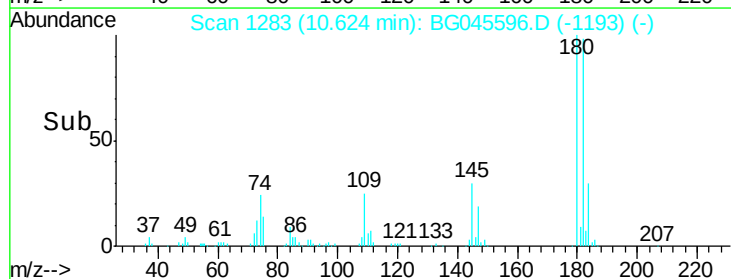
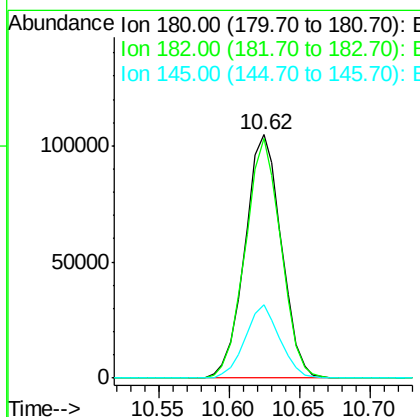
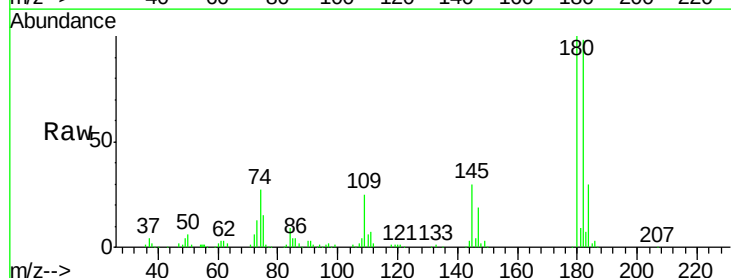
Instrument :
 BNA_G
 ClientSampled :

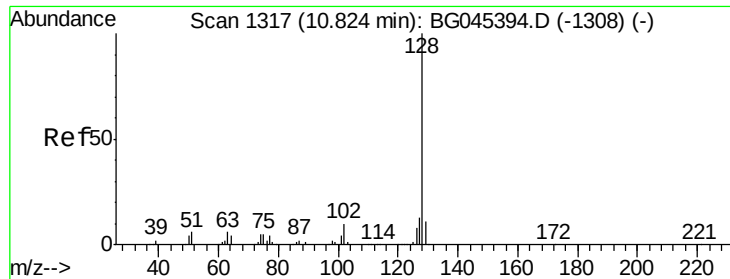
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	46.8	86.8
98	35.8	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 48.282 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	74.8	112.2
145	29.9	21.9	32.9

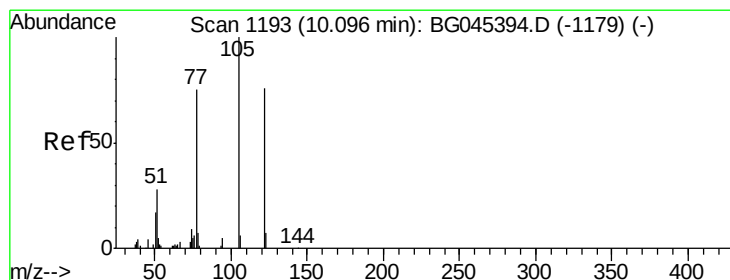
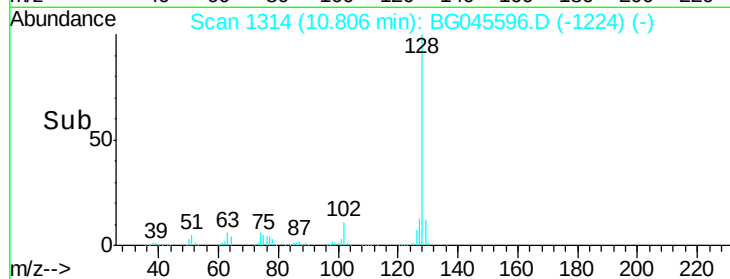
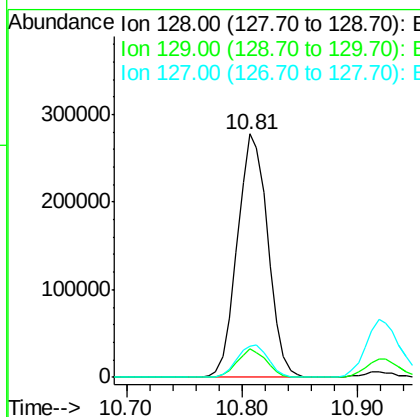
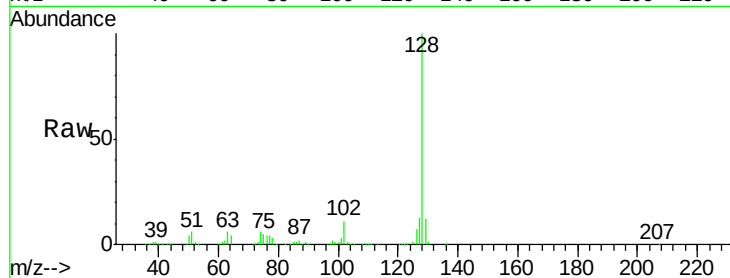




#31
Naphthalene
Concen: 48.369 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

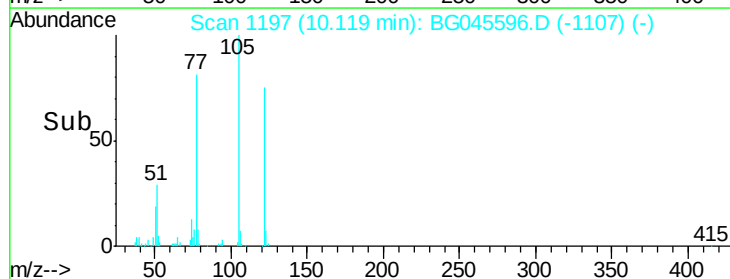
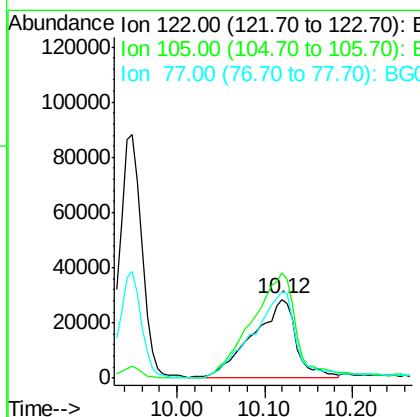
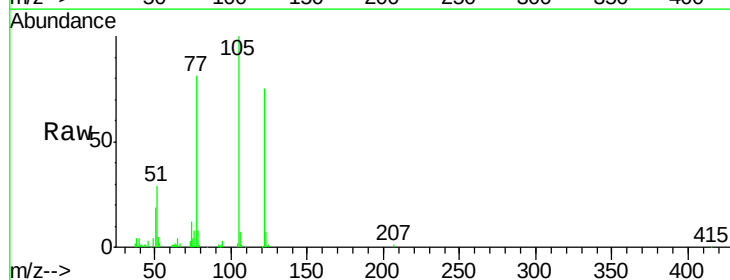
Instrument :
BNA_G
ClientSampleId :

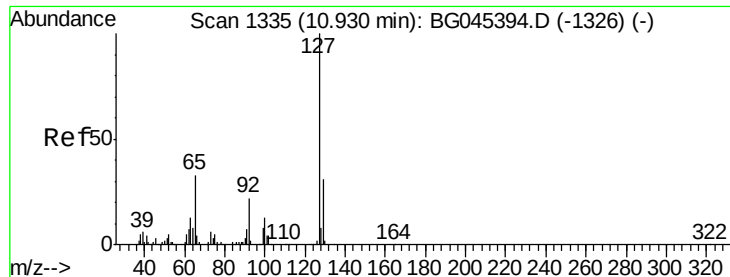
Tot Ion:128	Resp:	508796
Ion	Ratio	Lower Upper
128	100	
129	11.7	9.0 13.6
127	12.8	10.7 16.1



#32
Benzoic acid
Concen: 49.442 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion:122	Resp:	95350
Ion	Ratio	Lower Upper
122	100	
105	133.9	107.9 147.9
77	108.3	78.9 118.9

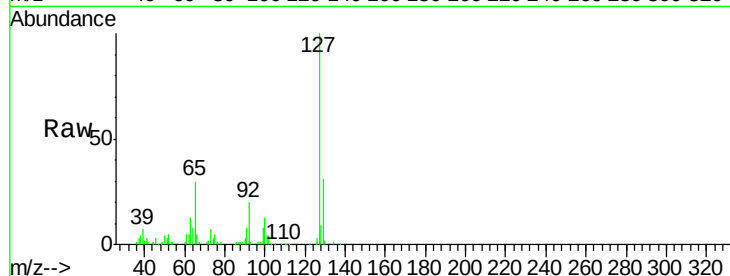




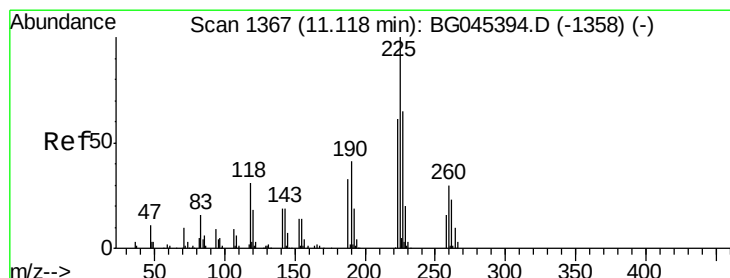
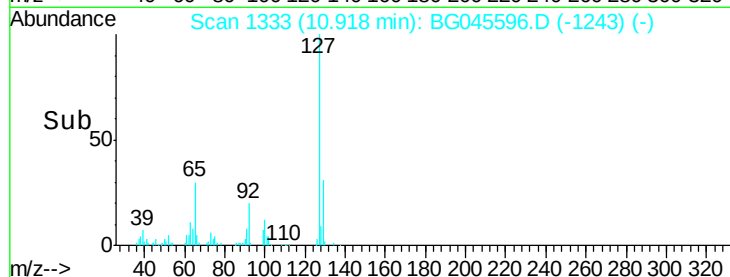
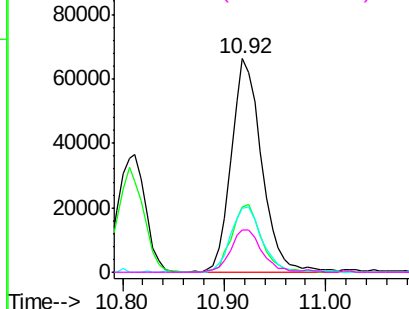
#33
4-Chloroaniline
Concen: 31.471 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	138379
Ion	Ratio	Lower Upper
127	100	
129	30.6	24.7 37.1
65	30.0	26.2 39.2
92	20.0	17.9 26.9

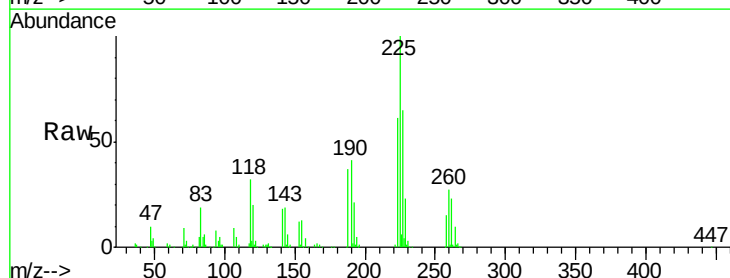


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

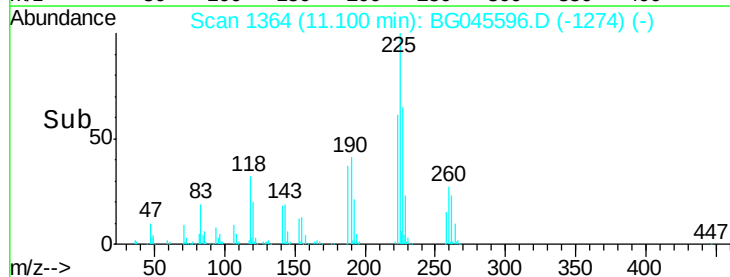
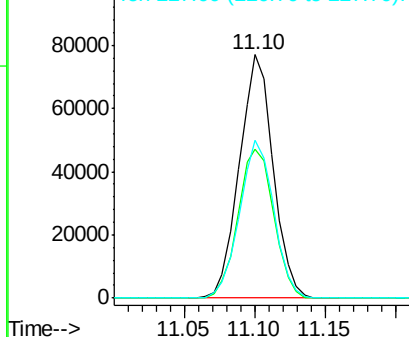


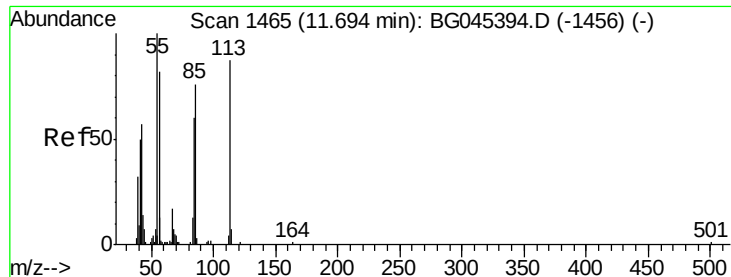
#34
Hexachlorobutadiene
Concen: 46.301 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion:225	Resp:	128511
Ion	Ratio	Lower Upper
225	100	
223	61.4	49.1 73.7
227	64.7	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

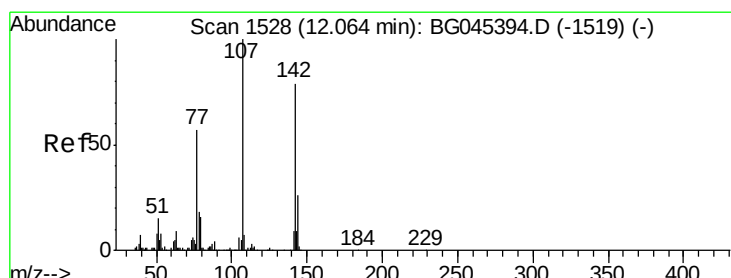
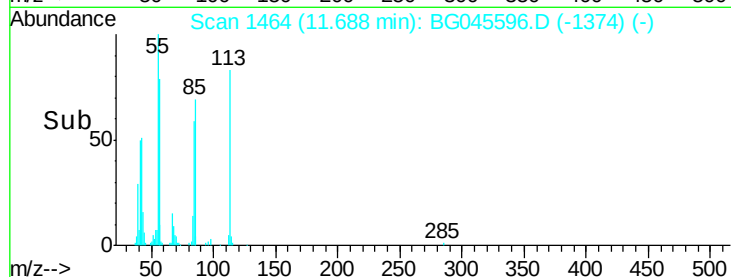
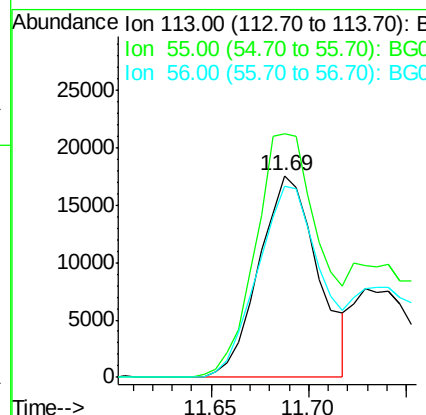
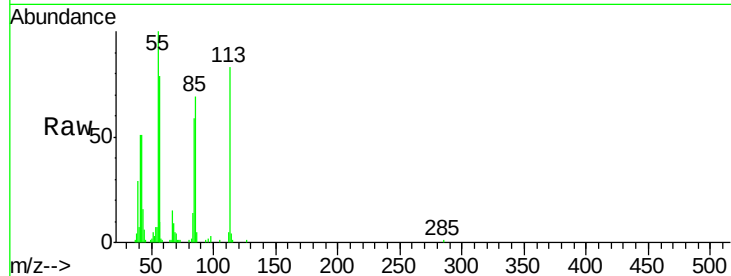




#35
 Caprolactam
 Concen: 30.006 ng
 RT: 11.69 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

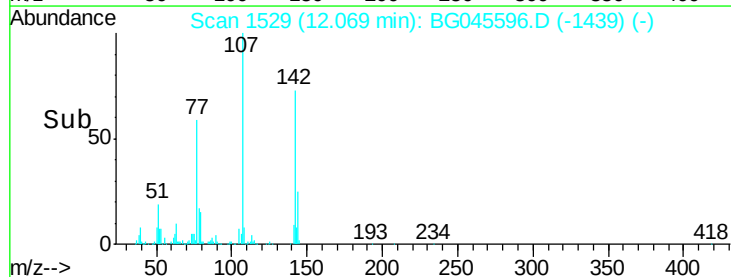
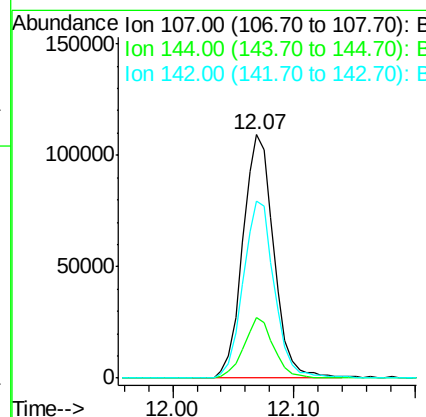
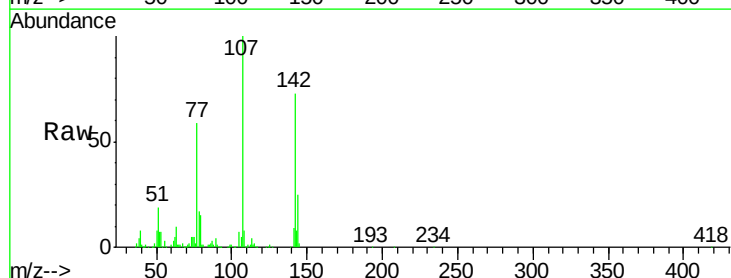
Instrument :
 BNA_G
 ClientSampleId :

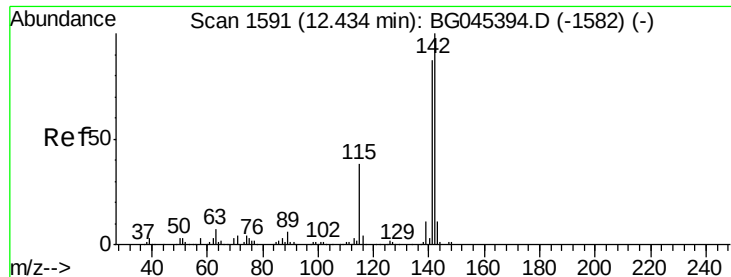
Tot Ion:113 Resp: 36598
 Ion Ratio Lower Upper
 113 100
 55 120.9 96.0 136.0
 56 94.9 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 52.088 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Tgt Ion:107 Resp: 195037
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.8 31.2
 142 72.8 62.8 94.2

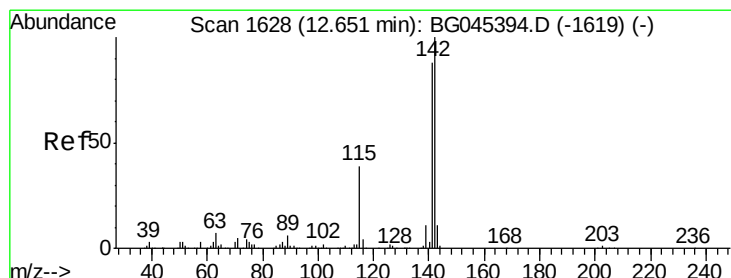
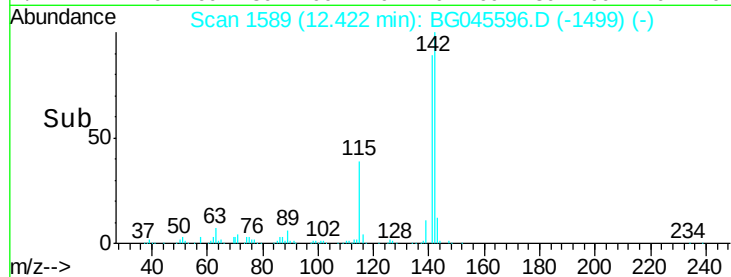
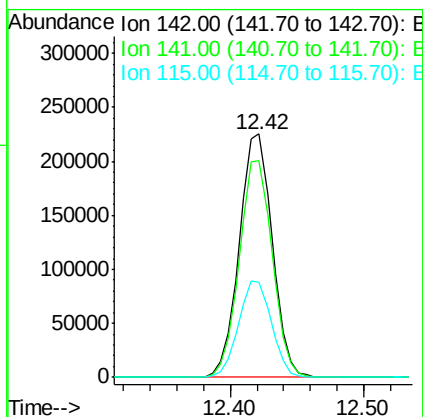
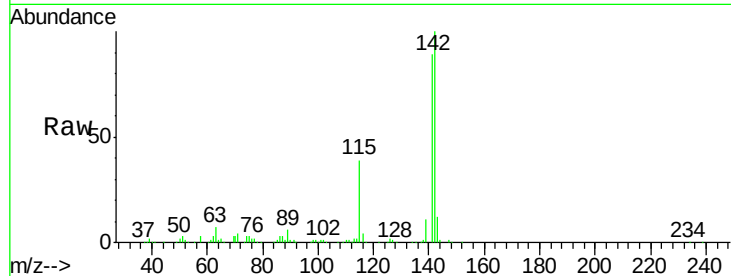




#37
 2-Methylnaphthalene
 Concen: 49.196 ng
 RT: 12.42 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

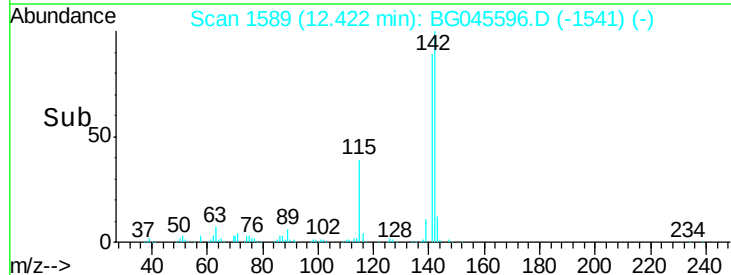
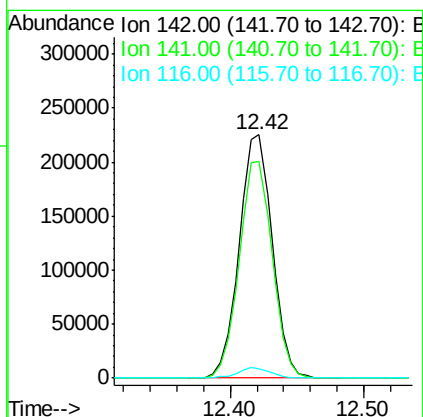
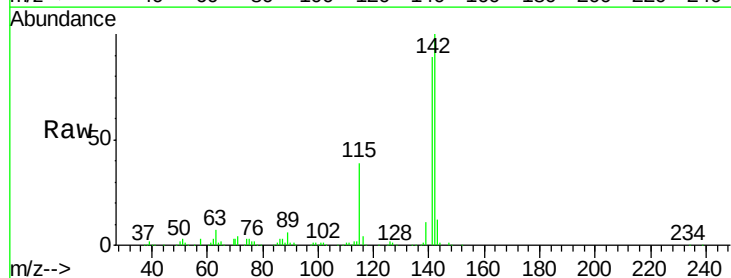
Instrument :
 BNA_G
 ClientSampleId :

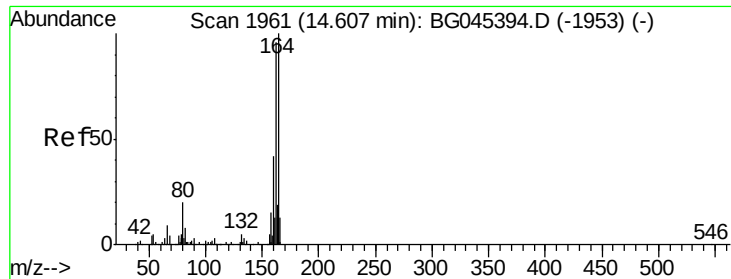
Tot Ion:142 Resp: 385715
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.0 105.0
 115 39.3 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 52.080 ng
 RT: 12.42 min Scan# 1589
 Delta R.T. -0.22 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Tgt Ion:142 Resp: 385715
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.8 106.2
 116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampleId :

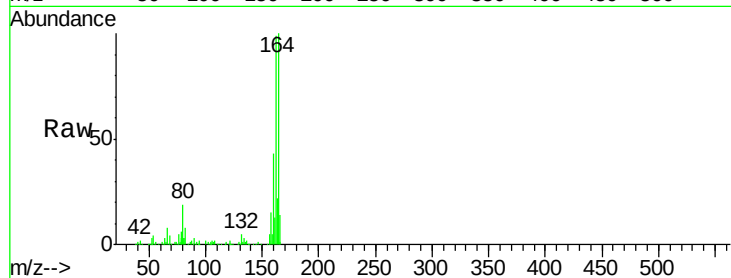
Tot Ion:164 Resp: 158251

Ion Ratio Lower Upper

164 100

162 99.1 76.9 115.3

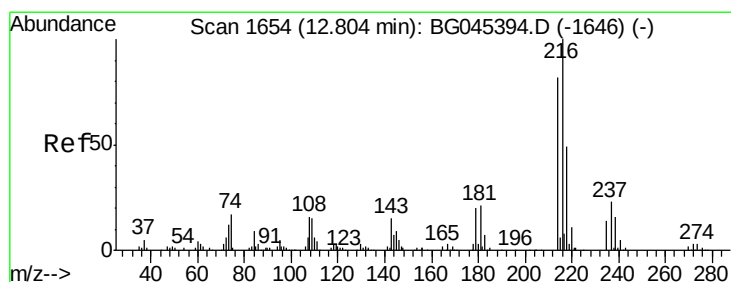
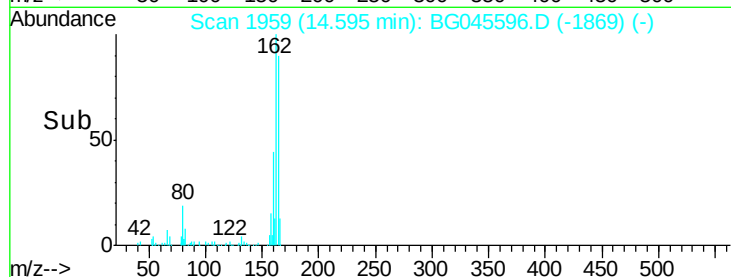
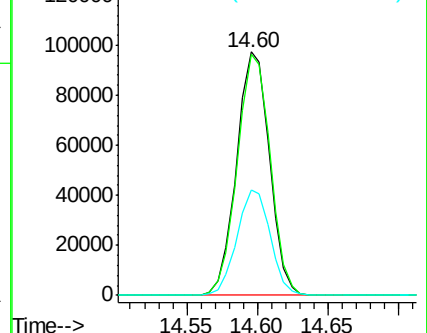
160 43.5 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.700 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Tgt Ion:216 Resp: 224104

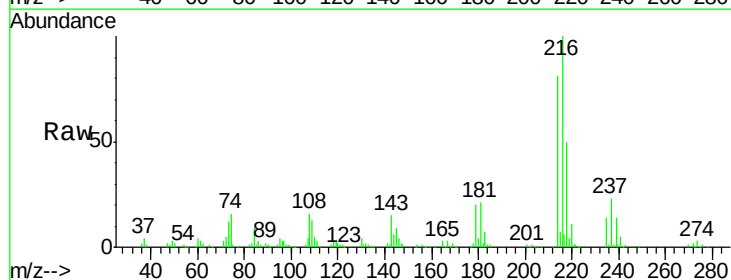
Ion Ratio Lower Upper

216 100

214 79.3 63.7 95.5

179 19.7 16.1 24.1

108 17.8 13.8 20.6

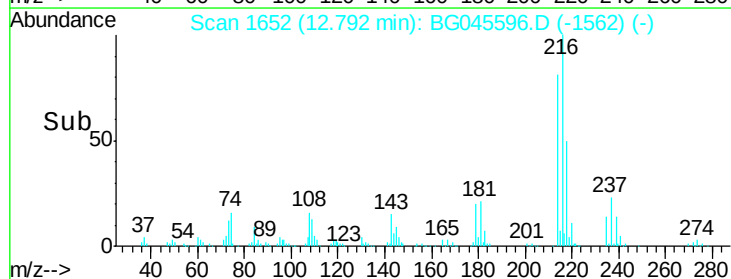
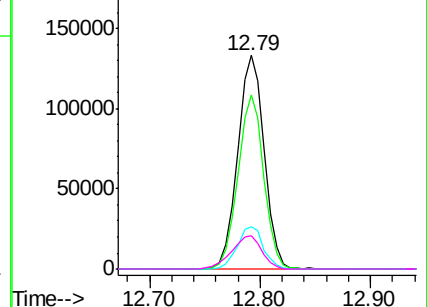


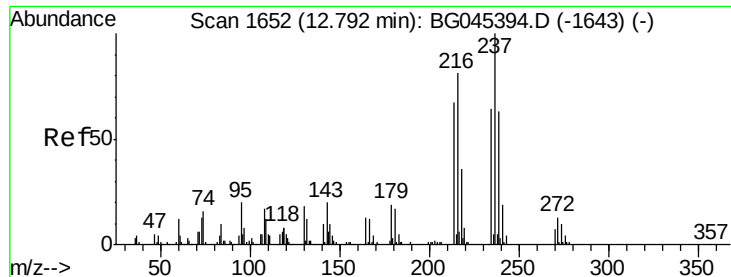
Abundance Ion 216.00 (215.70 to 216.70): E

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

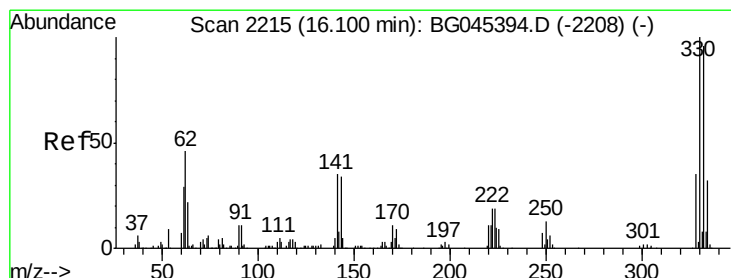
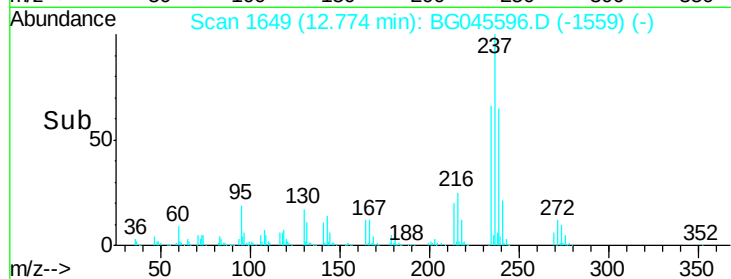
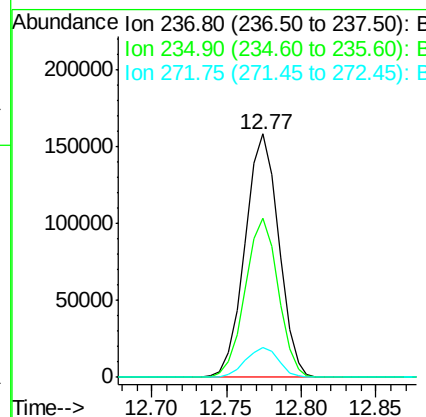
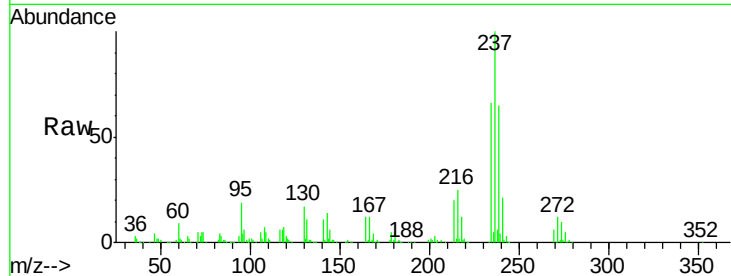




#41
Hexachlorocyclopentadiene
Concen: 96.744 ng
RT: 12.77 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

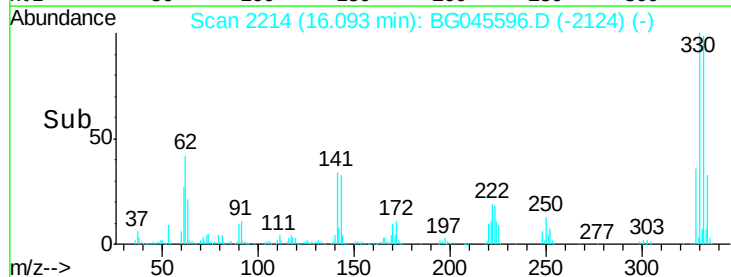
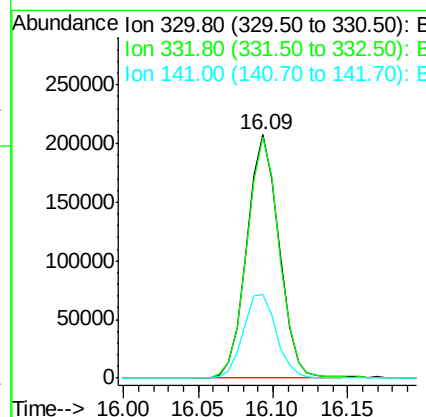
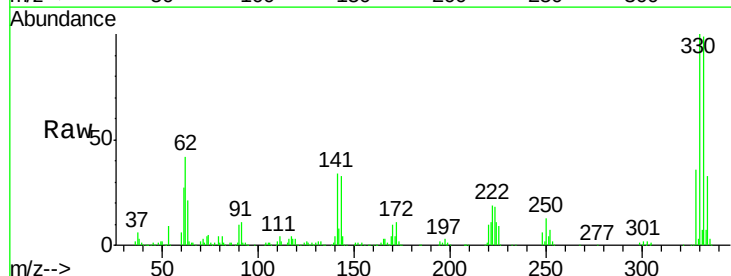
Instrument :
BNA_G
ClientSampleId :

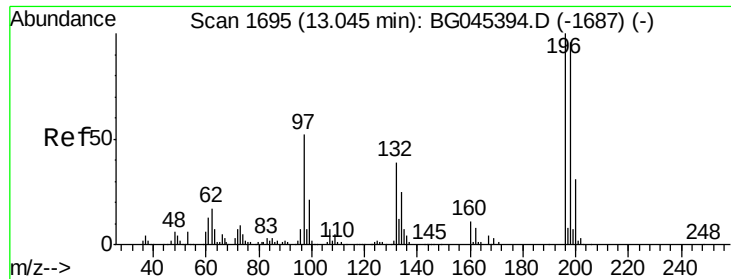
Tot Ion:237 Resp: 246818
Ion Ratio Lower Upper
237 100
235 65.6 44.4 84.4
272 12.3 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 153.017 ng
RT: 16.09 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion:330 Resp: 309683
Ion Ratio Lower Upper
330 100
332 99.9 78.2 117.4
141 35.9 28.2 42.4

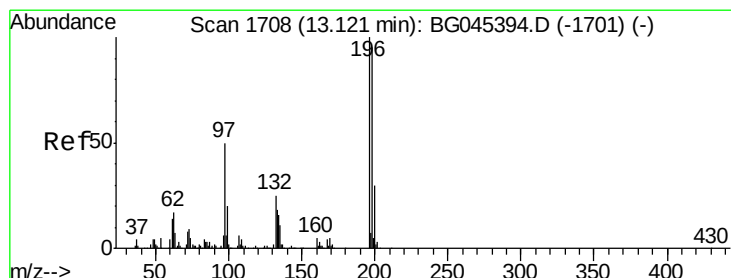
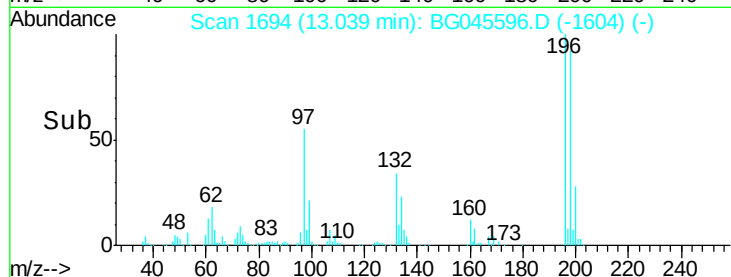
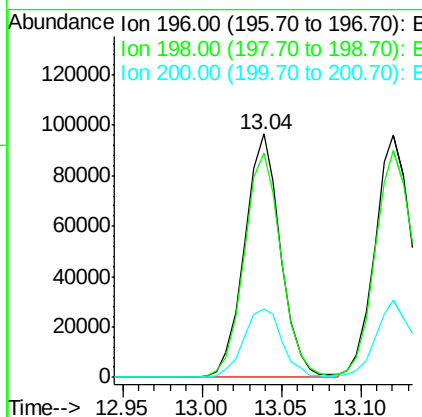
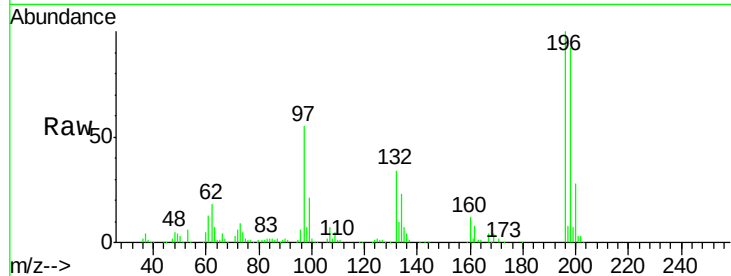




#43
 2,4,6-Trichlorophenol
 Concen: 49.639 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

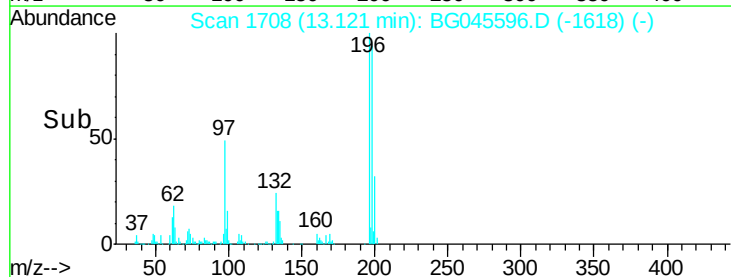
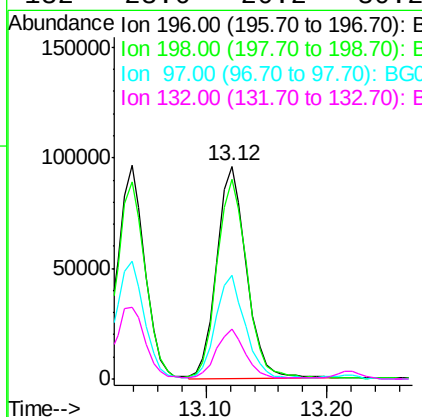
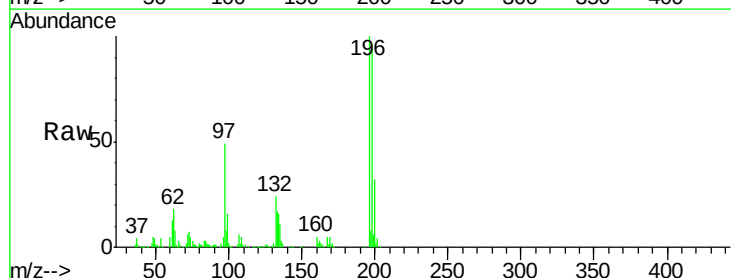
Instrument :
 BNA_G
 ClientSampleId :

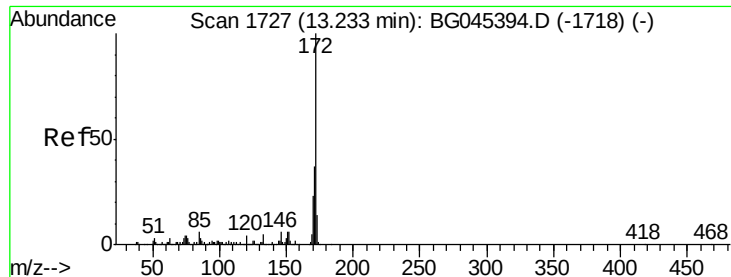
Tot Ion:196 Resp: 152419
 Ion Ratio Lower Upper
 196 100
 198 92.2 76.7 115.1
 200 27.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 46.337 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Tgt Ion:196 Resp: 162587
 Ion Ratio Lower Upper
 196 100
 198 93.6 76.1 114.1
 97 48.8 40.0 60.0
 132 23.6 20.2 30.2

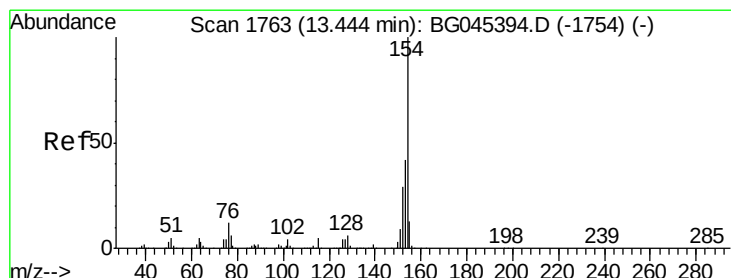
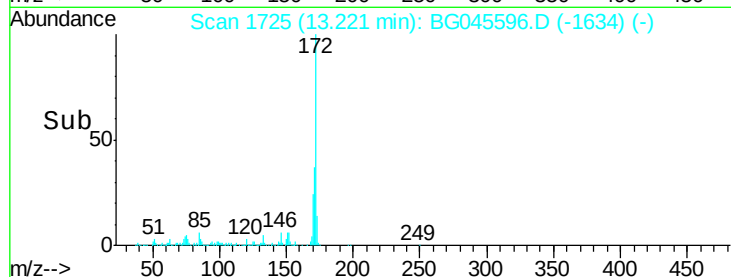
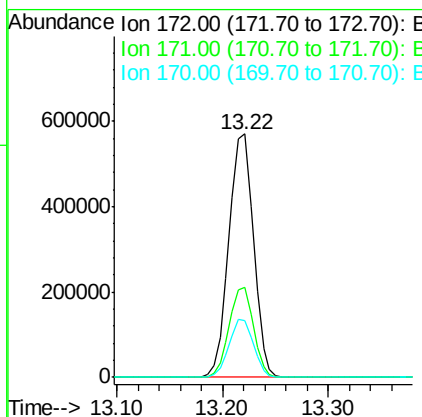
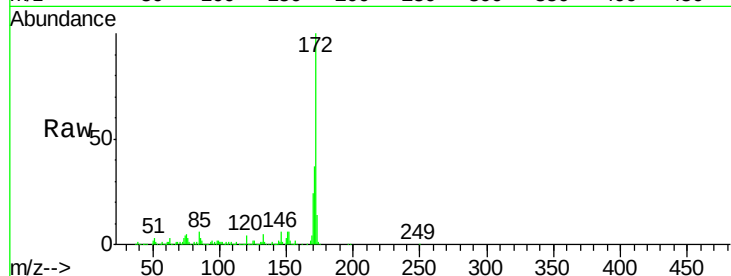




#45
2-Fluorobiphenyl
Concen: 98.466 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

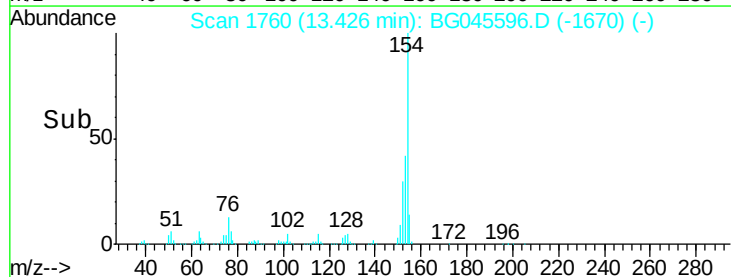
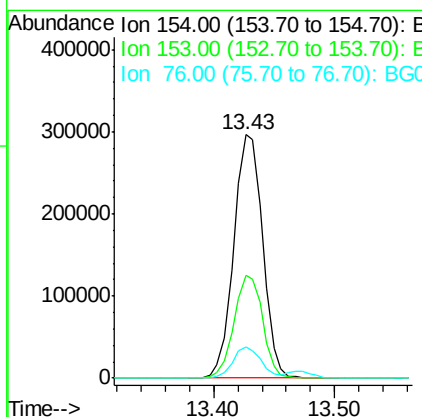
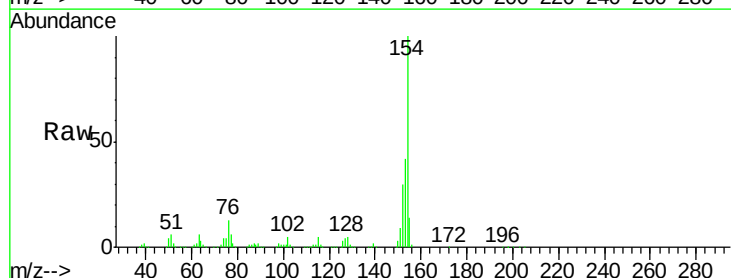
Instrument :
BNA_G
ClientSampleId :

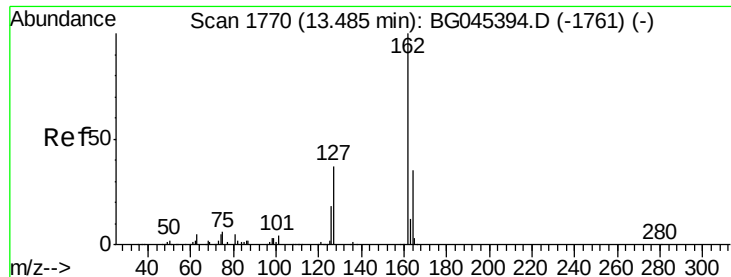
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.5	44.3
170	23.5	18.5	27.7



#46
1,1'-Biphenyl
Concen: 50.763 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.2	62.2
76	12.7	0.0	32.4





#47

2-Chloronaphthalene

Concen: 47.487 ng

RT: 13.47 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampled :

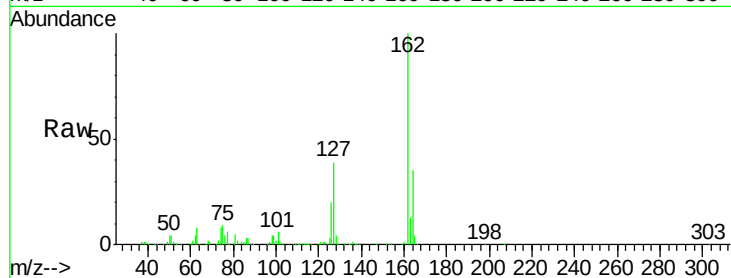
Tot Ion:162 Resp: 374965

Ion Ratio Lower Upper

162 100

127 39.1 31.6 47.4

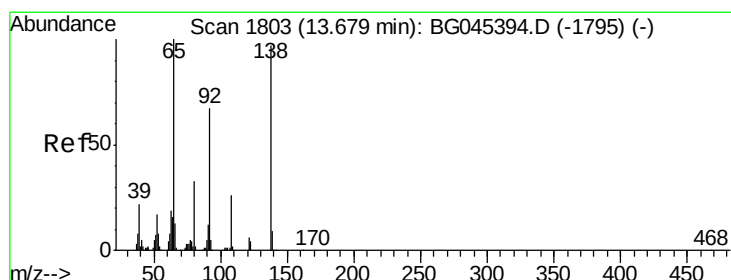
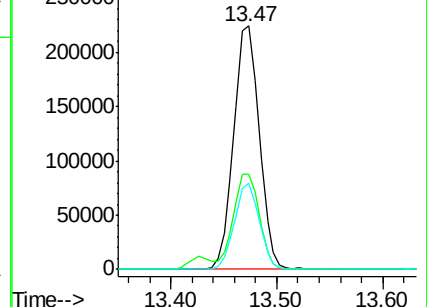
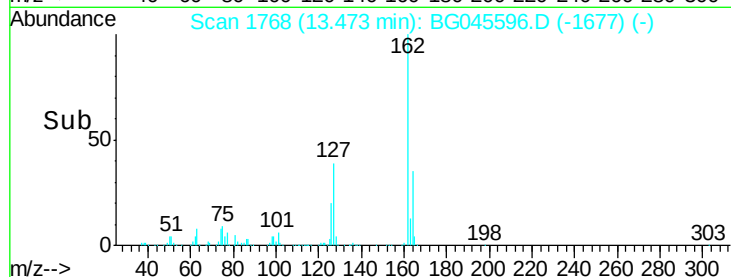
164 35.2 28.1 42.1



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: 47.349 ng

RT: 13.67 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

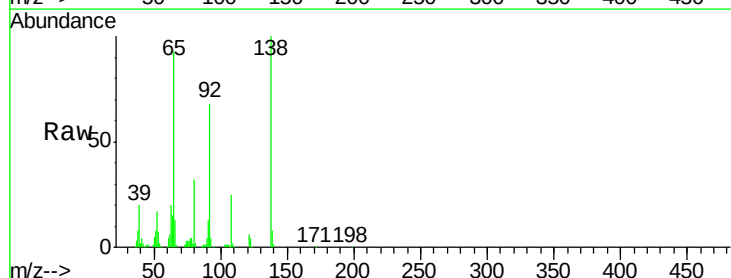
Tgt Ion: 65 Resp: 122982

Ion Ratio Lower Upper

65 100

92 73.4 53.8 80.8

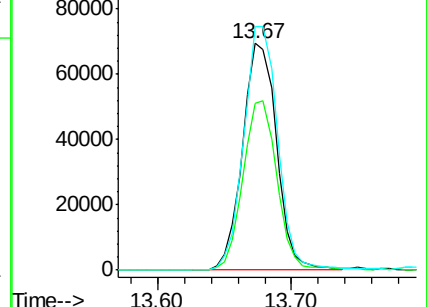
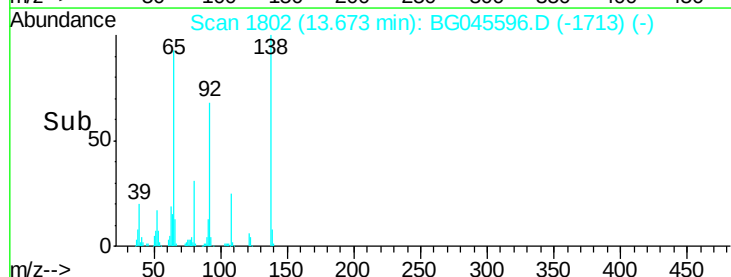
138 107.2 77.9 116.9

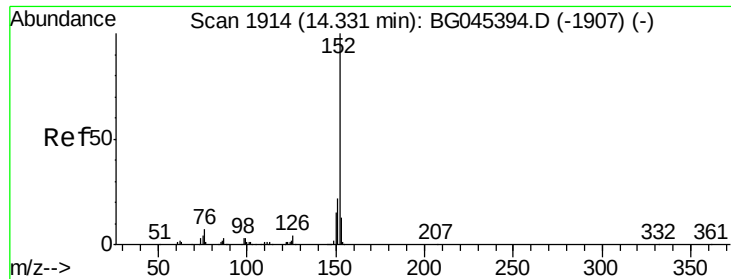


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.478 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampleId :

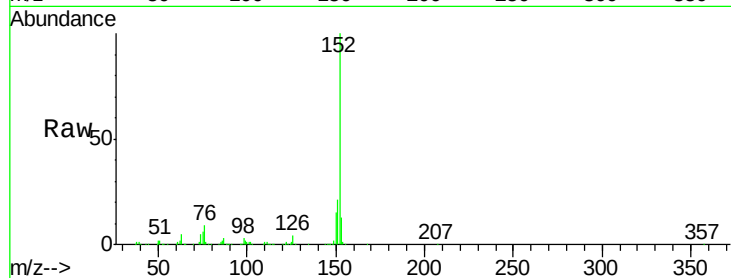
Tot Ion:152 Resp: 640223

Ion Ratio Lower Upper

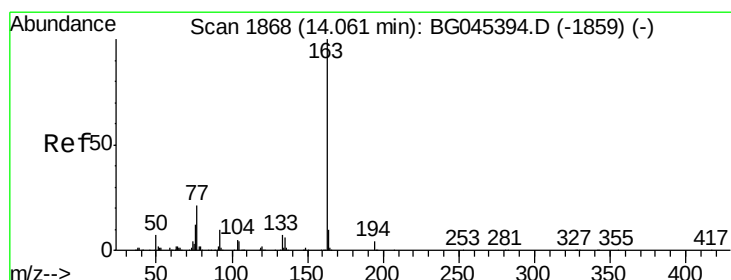
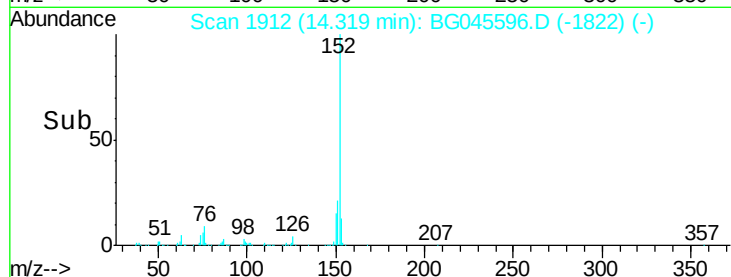
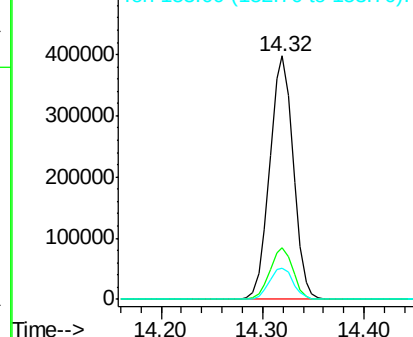
152 100

151 21.4 17.4 26.2

153 12.9 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: 47.253 ng

RT: 14.05 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

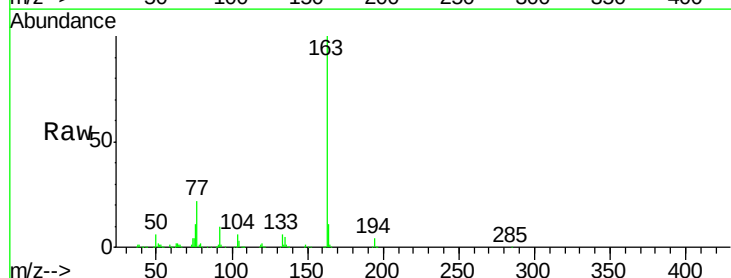
Tgt Ion:163 Resp: 512978

Ion Ratio Lower Upper

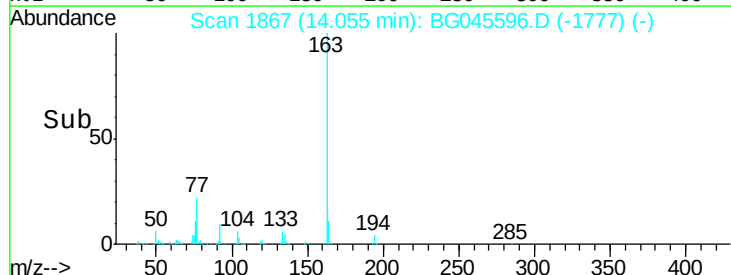
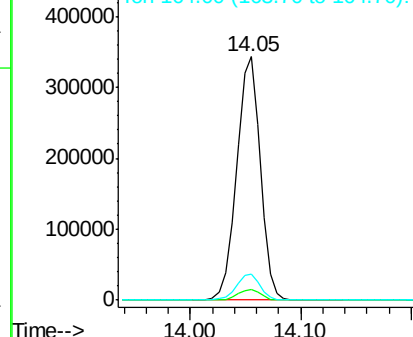
163 100

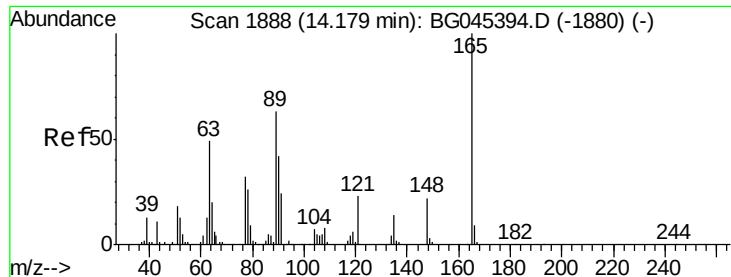
194 4.5 3.2 4.8

164 10.6 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

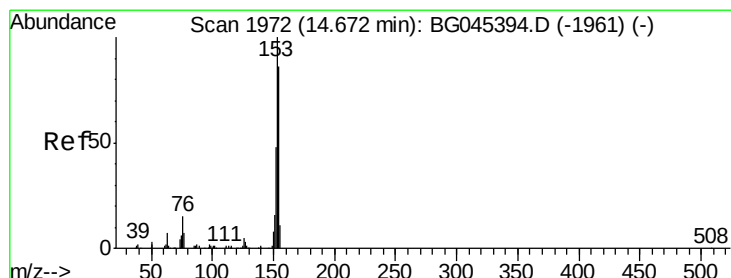
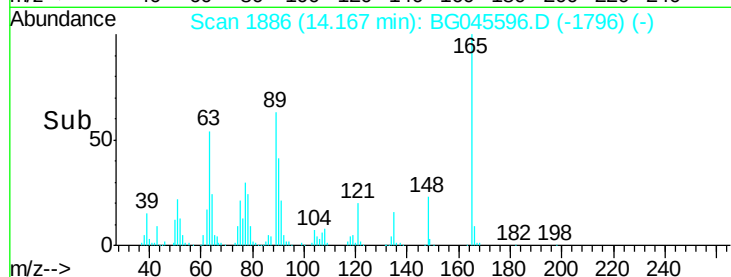
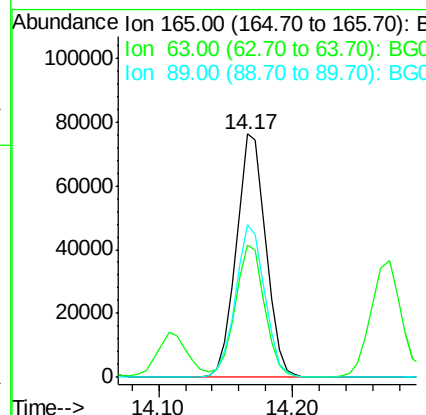
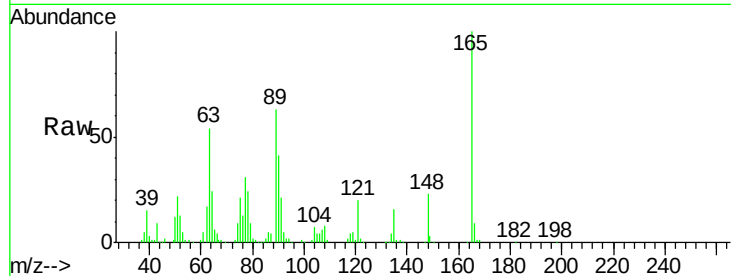




#51
2,6-Dinitrotoluene
Concen: 47.869 ng
RT: 14.17 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

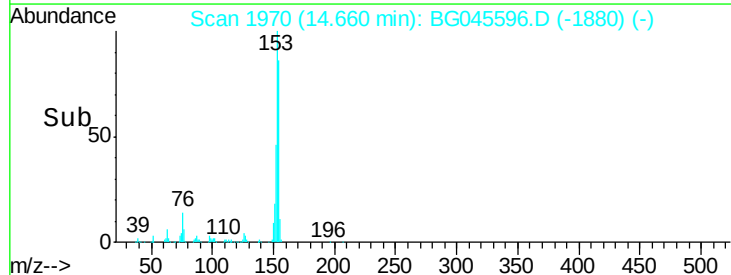
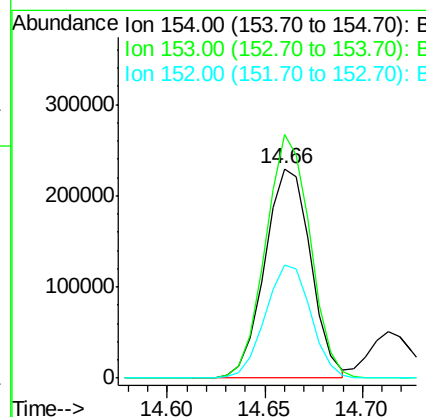
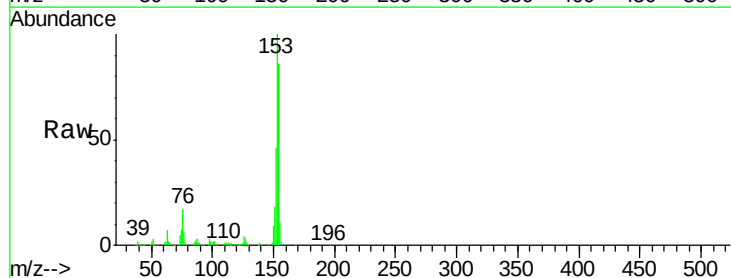
Instrument :
BNA_G
ClientSampled :

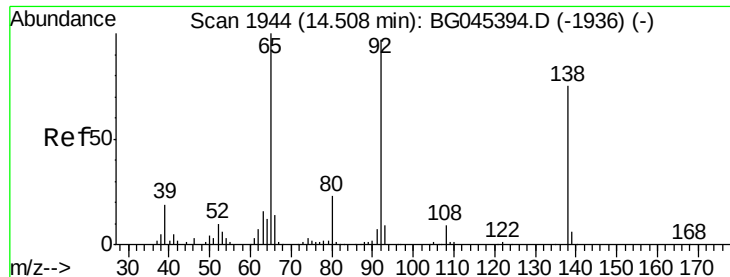
Tot Ion:165 Resp: 117262
Ion Ratio Lower Upper
165 100
63 54.5 45.0 67.4
89 62.5 50.2 75.4



#52
Acenaphthene
Concen: 43.910 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion:154 Resp: 372788
Ion Ratio Lower Upper
154 100
153 116.5 92.8 139.2
152 54.1 44.6 66.8

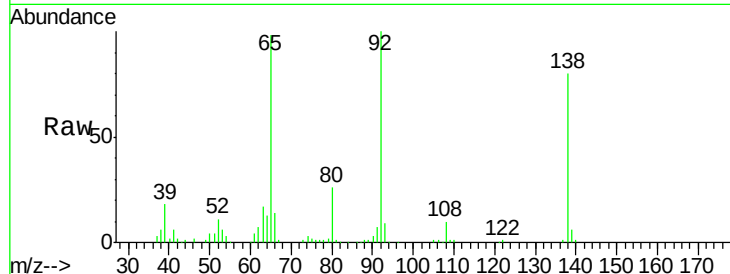




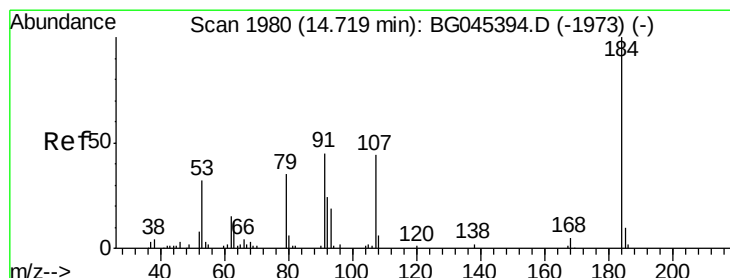
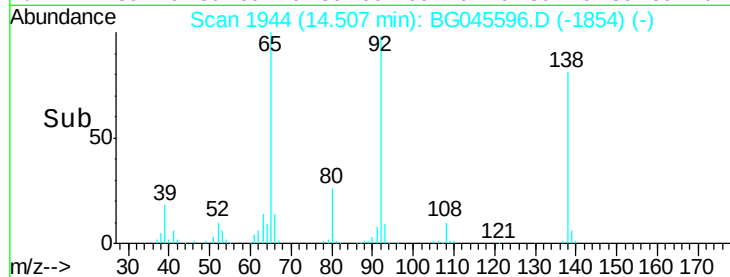
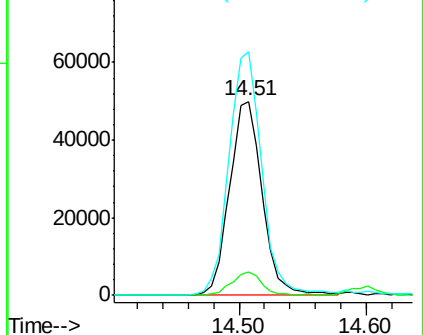
#53
3-Nitroaniline
Concen: 35.657 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 88793
Ion Ratio Lower Upper
138 100
108 12.1 9.8 14.6
92 125.7 103.0 154.4

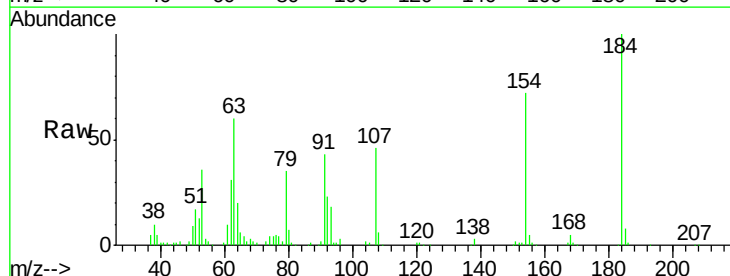


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

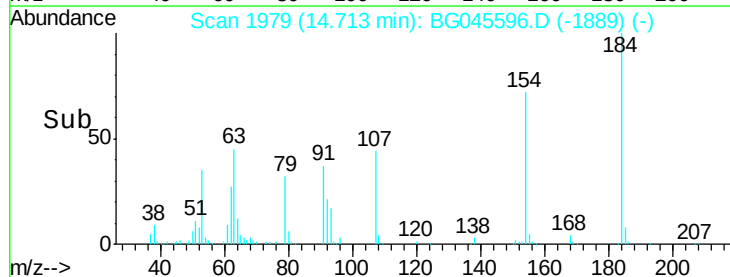
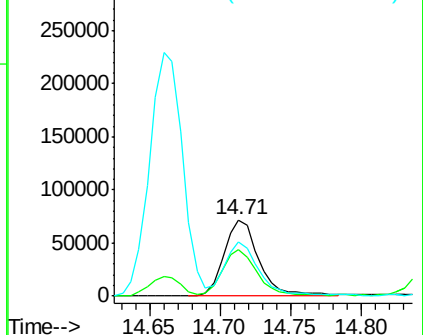


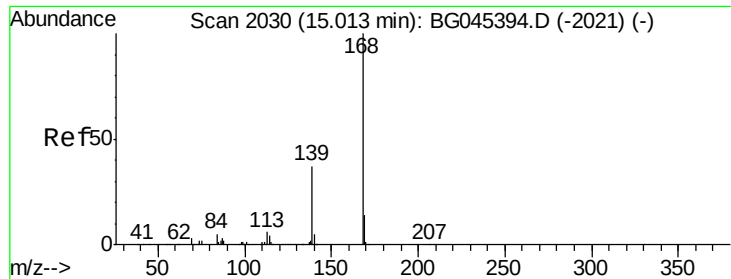
#54
2,4-Dinitrophenol
Concen: 77.466 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion:184 Resp: 124010
Ion Ratio Lower Upper
184 100
63 60.5 47.8 71.6
154 71.7 58.3 87.5



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

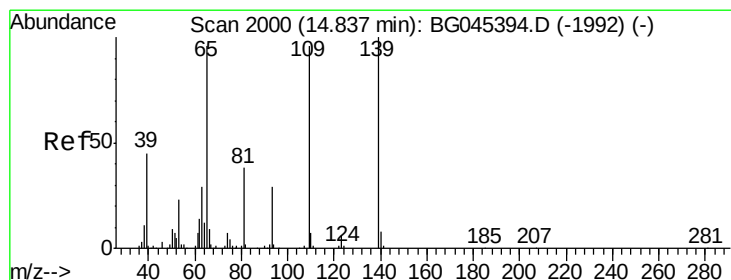
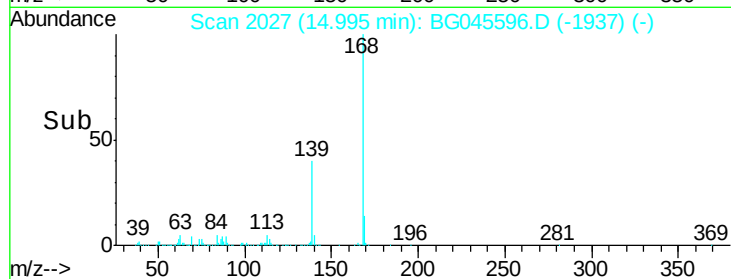
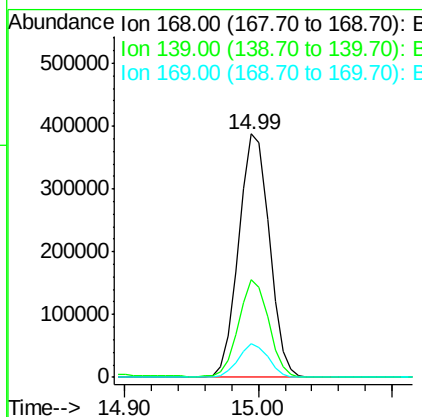
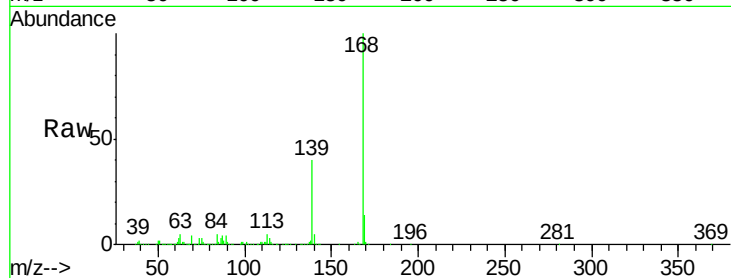




#55
Dibenzenofuran
Concen: 48.990 ng
RT: 14.99 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

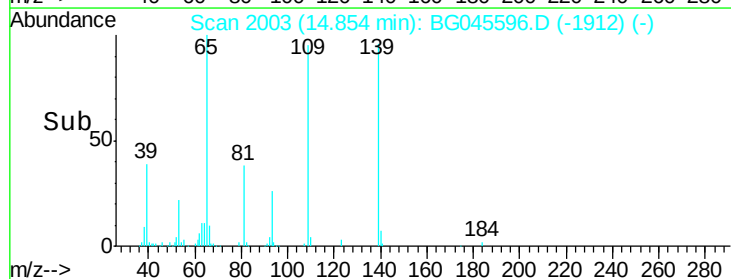
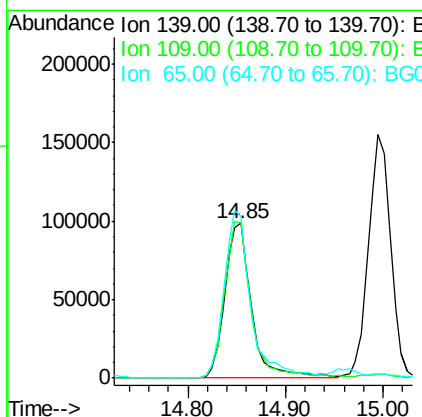
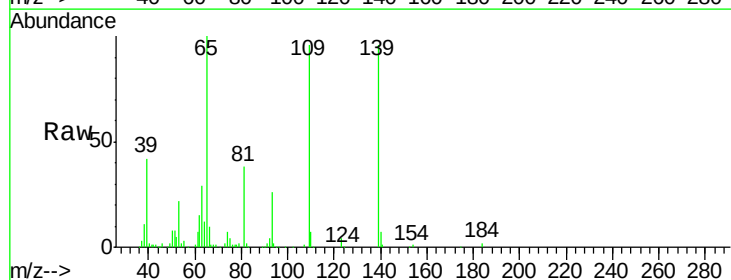
Instrument :
BNA_G
ClientSampleId :

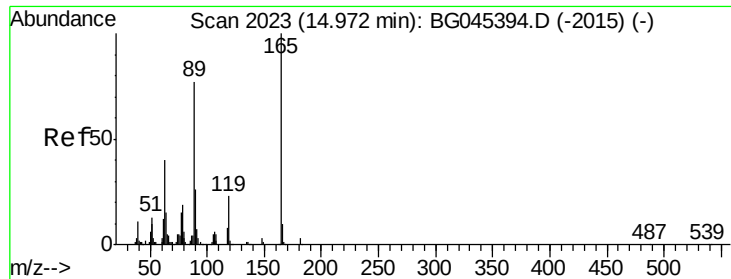
Tot Ion:168 Resp: 617641
Ion Ratio Lower Upper
168 100
139 40.0 29.9 44.9
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 99.422 ng
RT: 14.85 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion:139 Resp: 187440
Ion Ratio Lower Upper
139 100
109 100.3 75.6 115.6
65 104.2 76.8 116.8

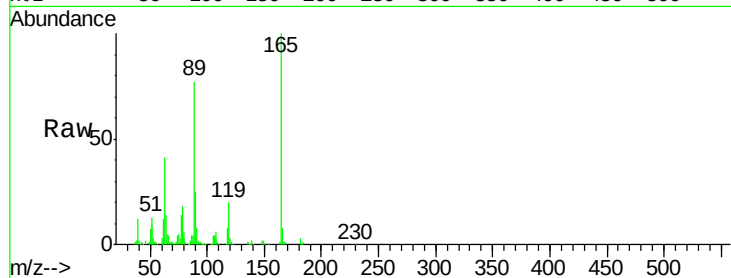




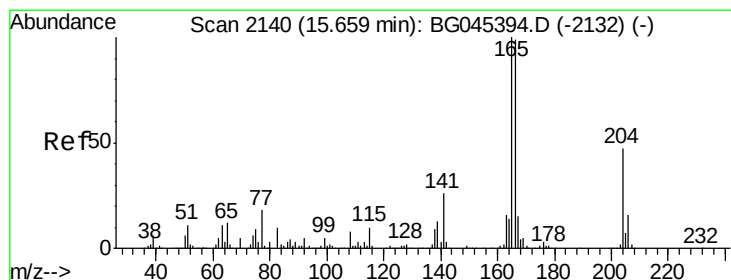
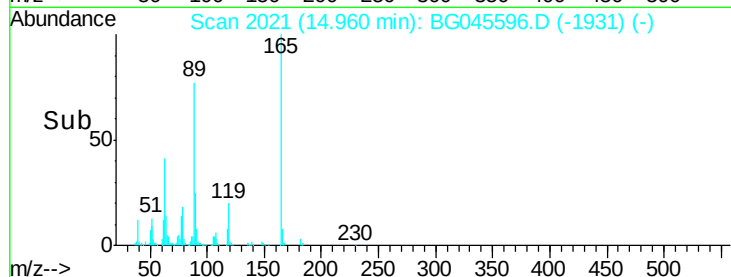
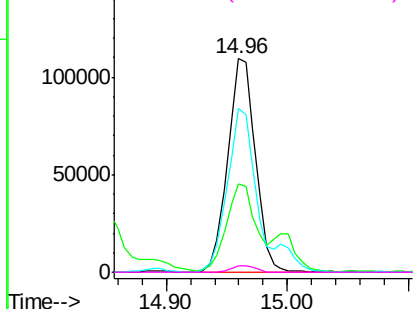
#57
2,4-Dinitrotoluene
Concen: 49.224 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 174635
Ion Ratio Lower Upper
165 100
63 41.1 32.5 48.7
89 76.7 61.8 92.6
182 2.7 2.3 3.5

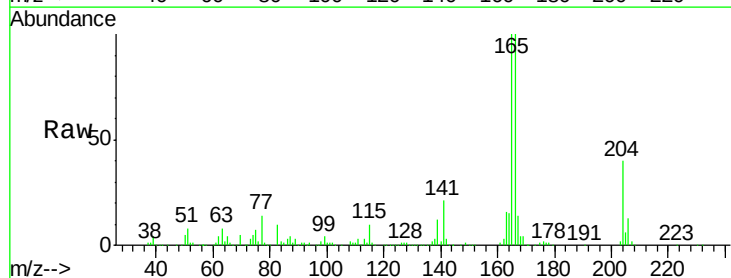


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

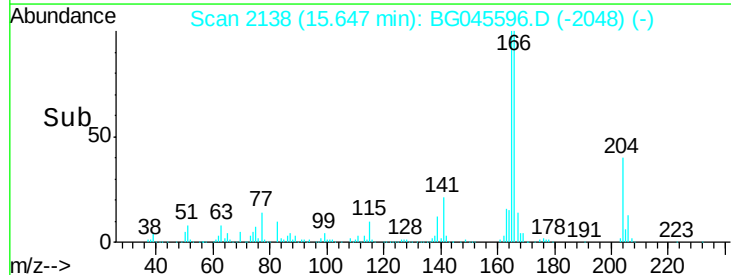
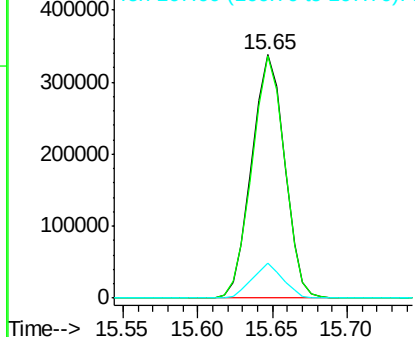


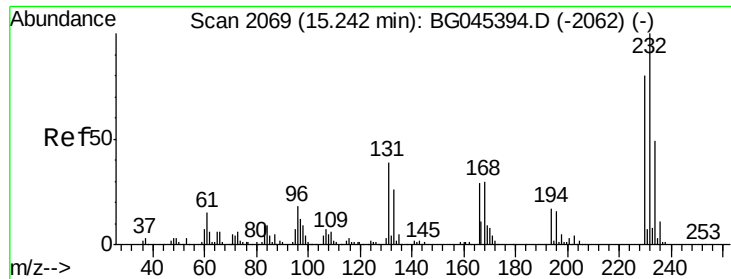
#58
Fluorene
Concen: 49.620 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion:166 Resp: 513950
Ion Ratio Lower Upper
166 100
165 99.5 80.8 121.2
167 14.1 12.0 18.0



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

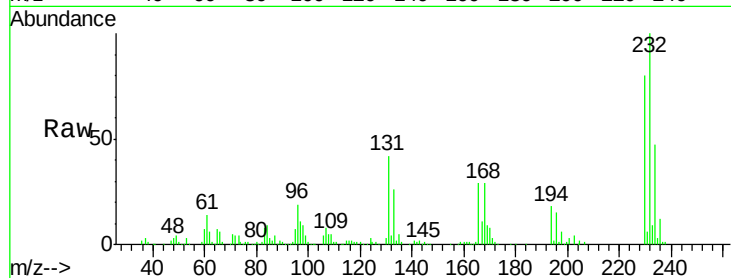




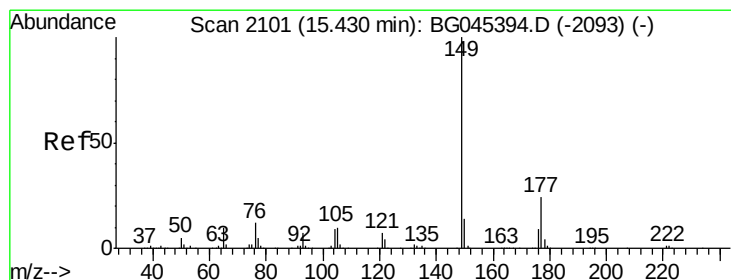
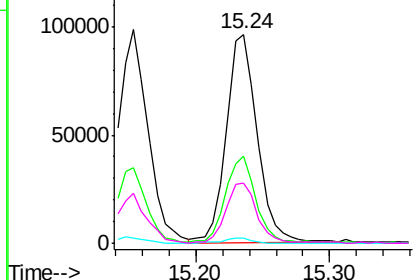
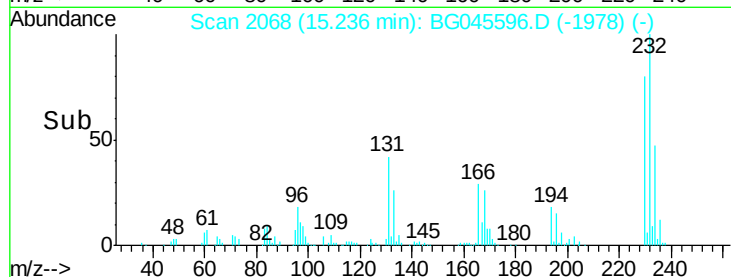
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.620 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	156263
Ion Ratio	Lower	Upper
232	100	
131	40.5	33.7 50.5
130	2.3	2.1 3.1
166	28.9	23.2 34.8

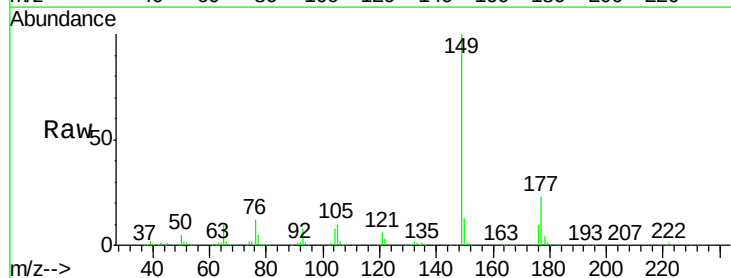


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

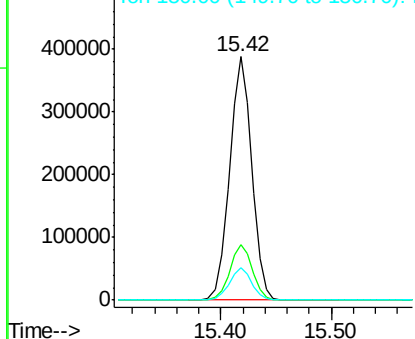
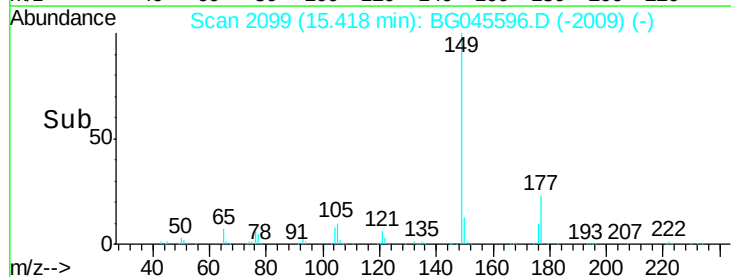


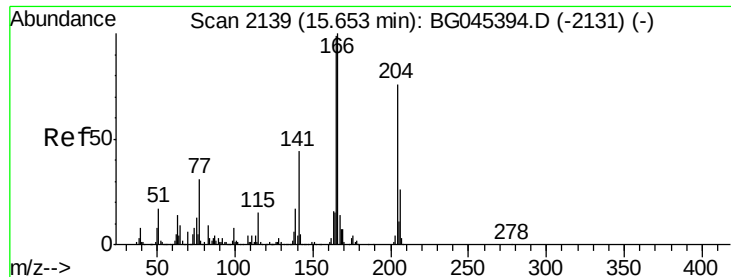
#60
 Diethylphthalate
 Concen: 48.123 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Tgt Ion:149	Resp:	543748
Ion Ratio	Lower	Upper
149	100	
177	22.8	19.0 28.4
150	13.3	11.4 17.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

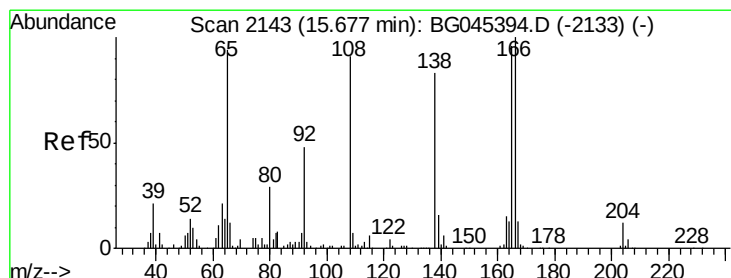
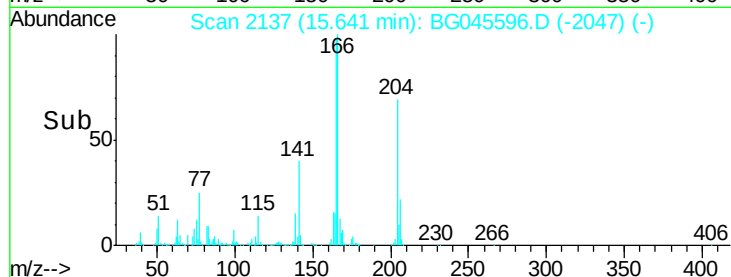
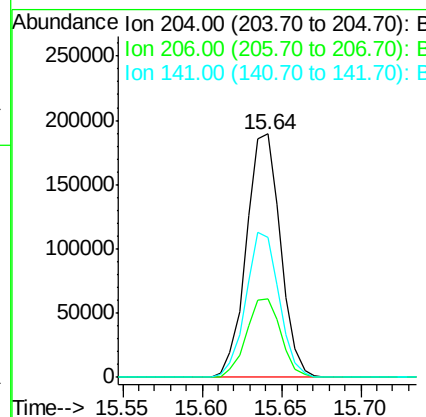
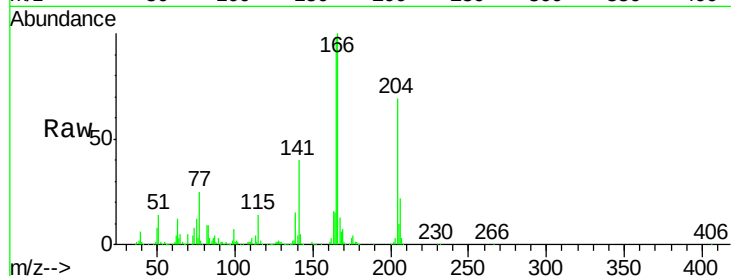




#61
4-Chlorophenyl-phenylether
Concen: 47.786 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

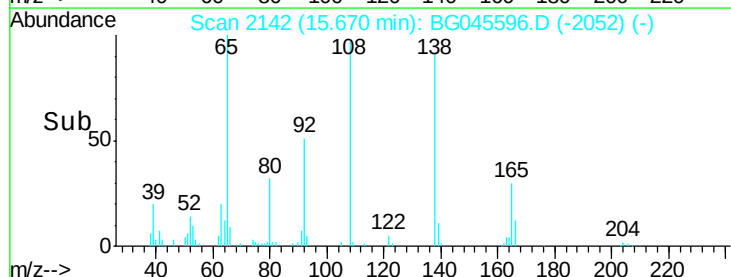
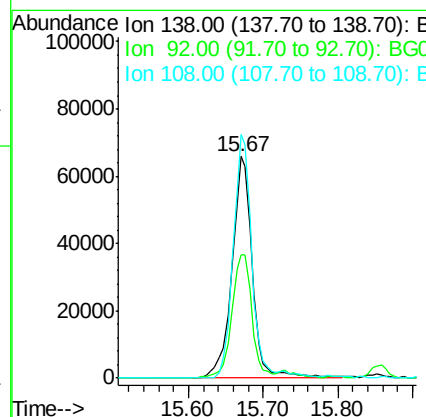
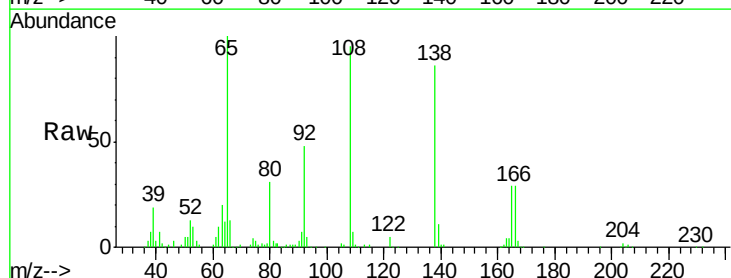
Instrument :
BNA_G
ClientSampled :

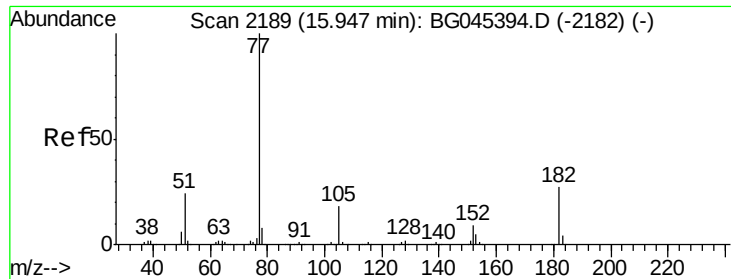
Tot Ion:204 Resp: 283229
Ion Ratio Lower Upper
204 100
206 32.4 27.3 40.9
141 57.2 45.9 68.9



#62
4-Nitroaniline
Concen: 48.361 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion:138 Resp: 125722
Ion Ratio Lower Upper
138 100
92 55.9 38.0 78.0
108 109.9 89.3 129.3

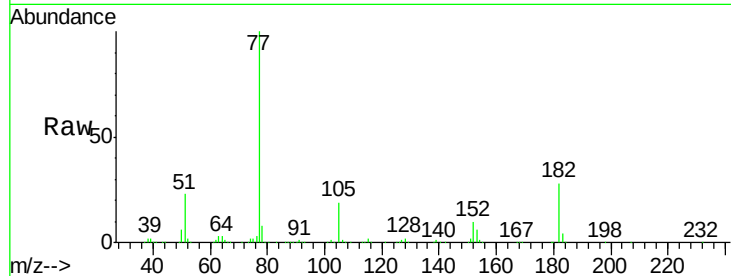




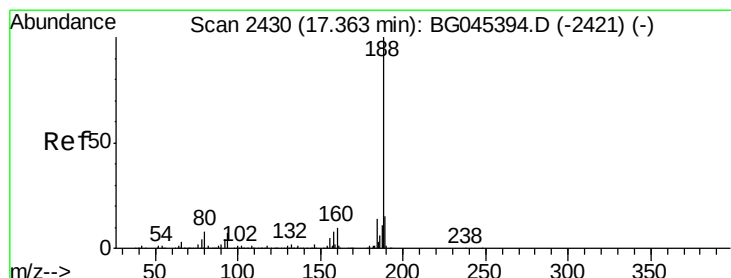
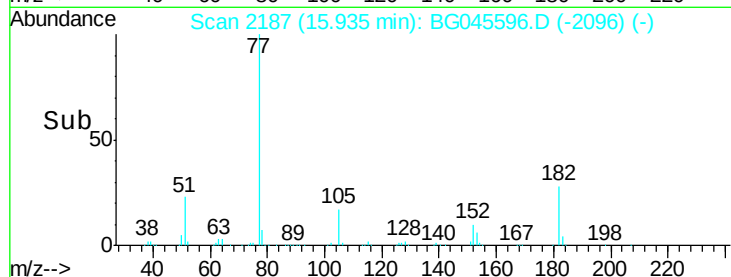
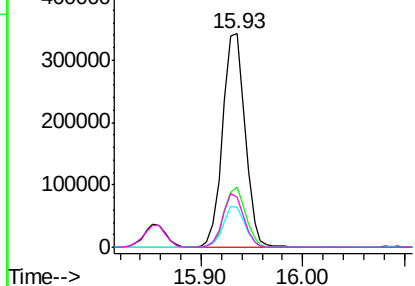
#63
Azobenzene
Concen: 49.956 ng
RT: 15.93 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	526331
Ion	Ratio	Lower	Upper
77	100		
182	28.1	6.5	46.5
105	18.7	0.0	37.9
51	23.4	4.1	44.1

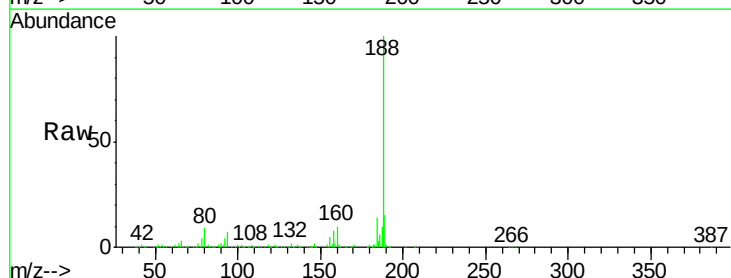


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

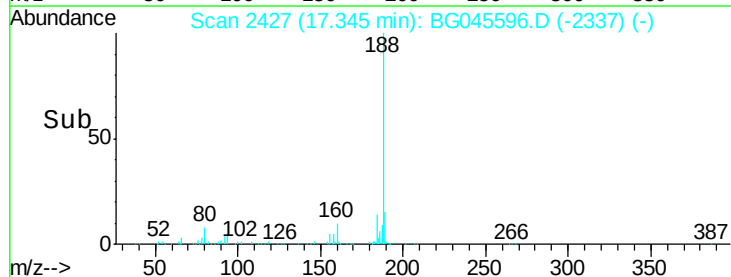
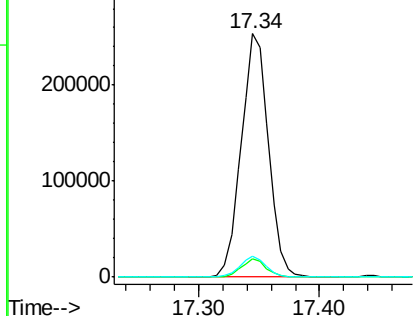


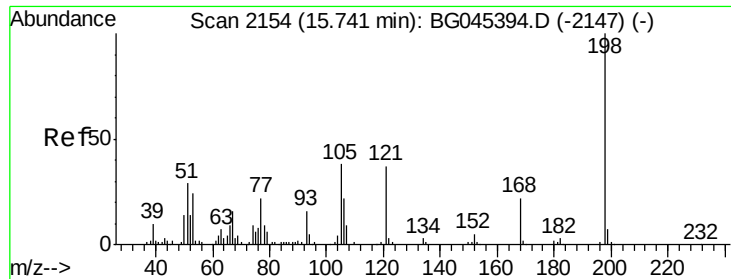
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion:	188	Resp:	398526
Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.5	8.3
80	8.6	6.6	10.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

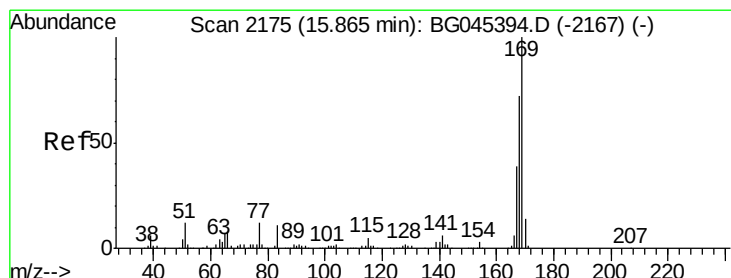
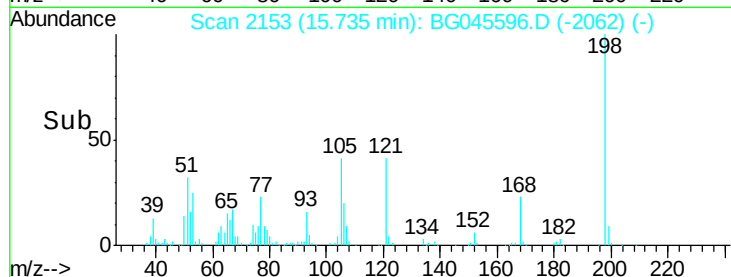
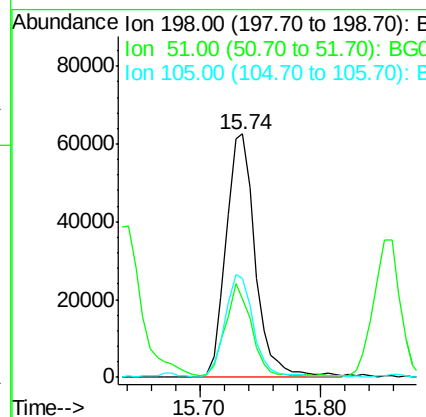
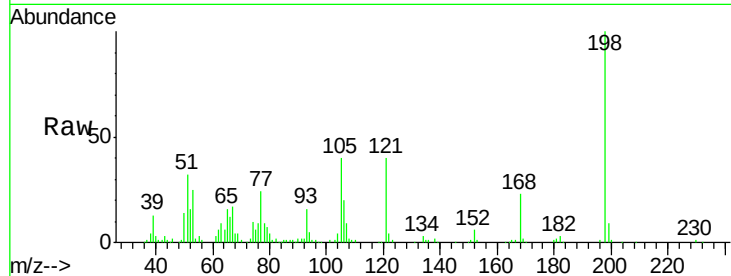




#65
4,6-Dinitro-2-methylphenol
Concen: 45.347 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

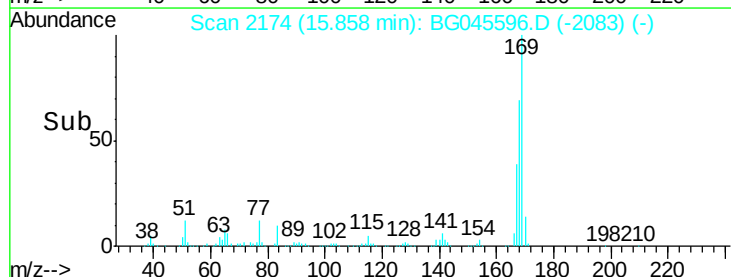
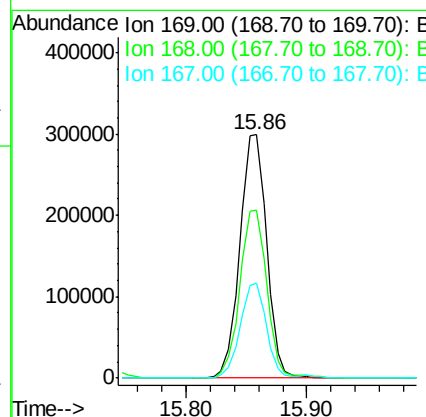
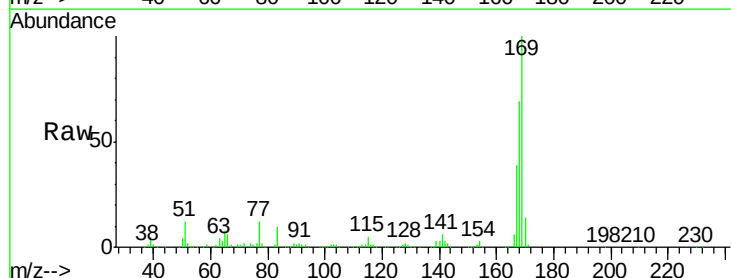
Instrument :
BNA_G
ClientSampleId :

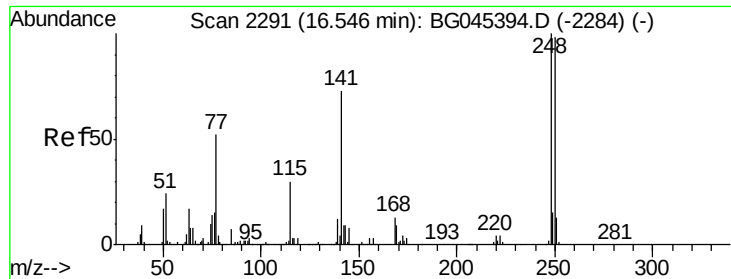
Tot Ion:198 Resp: 105250
Ion Ratio Lower Upper
198 100
51 32.3 10.0 50.0
105 40.5 18.9 58.9



#66
n-Nitrosodiphenylamine
Concen: 48.476 ng
RT: 15.86 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion:169 Resp: 463846
Ion Ratio Lower Upper
169 100
168 69.1 57.8 86.6
167 38.9 31.5 47.3

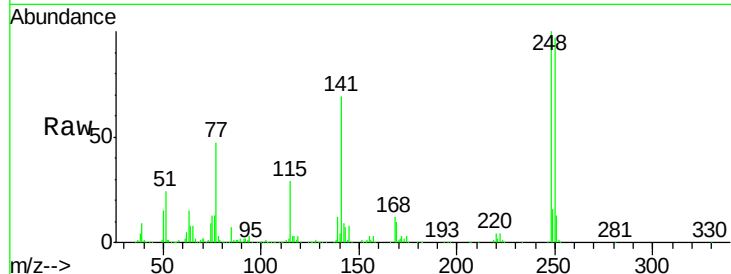




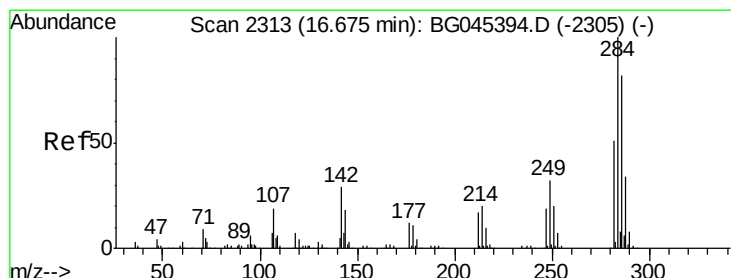
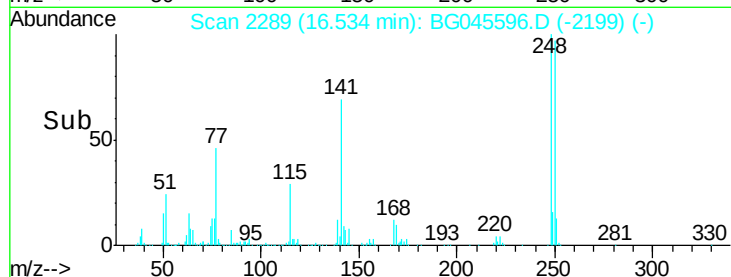
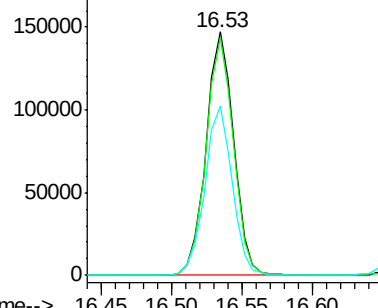
#67
4-Bromophenyl-phenylether
Concen: 46.448 ng
RT: 16.53 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 200441
Ion Ratio Lower Upper
248 100
250 97.3 78.6 117.8
141 69.4 58.2 87.2

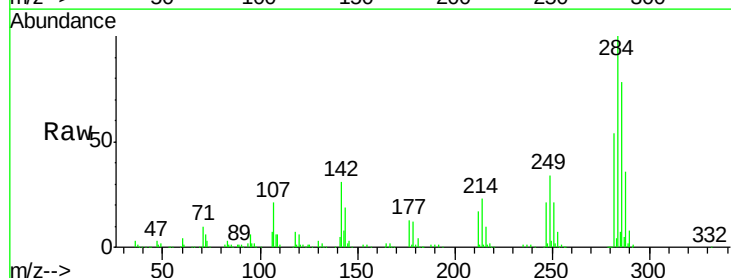


Abundance Ion 248.00 (247.70 to 248.70): E
200000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

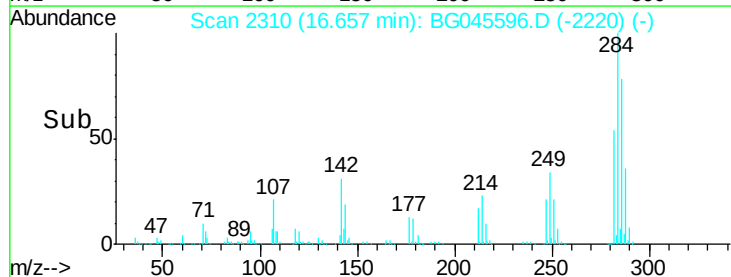
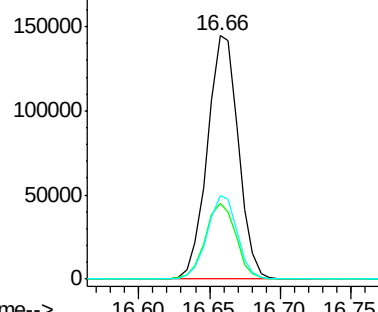


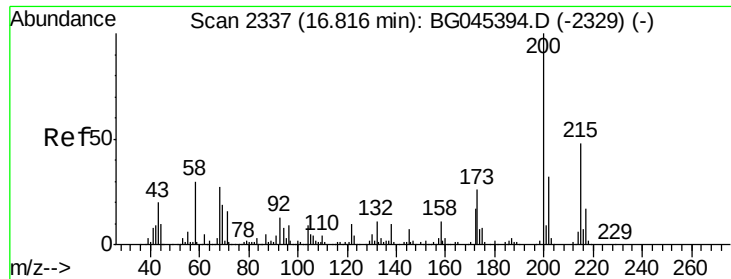
#68
Hexachlorobenzene
Concen: 48.994 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion:284 Resp: 221137
Ion Ratio Lower Upper
284 100
142 31.0 23.0 34.6
249 34.1 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
200000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 46.369 ng

RT: 16.80 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampleId :

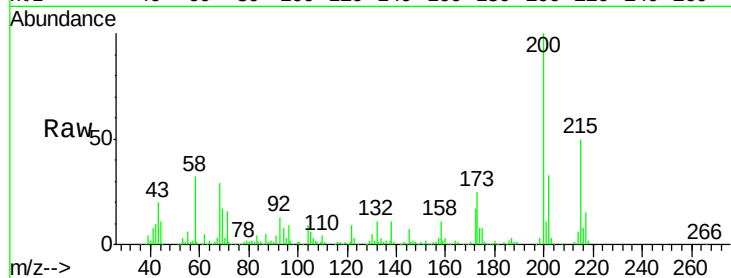
Tot Ion:200 Resp: 182749

Ion Ratio Lower Upper

200 100

173 24.8 5.5 45.5

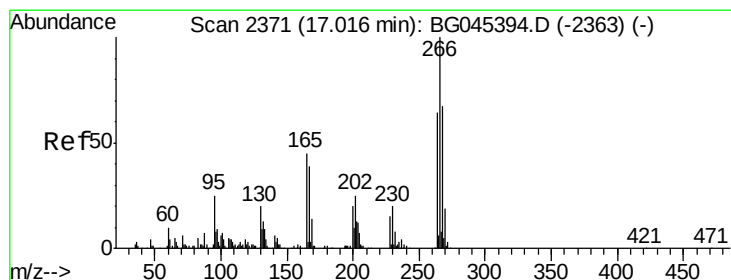
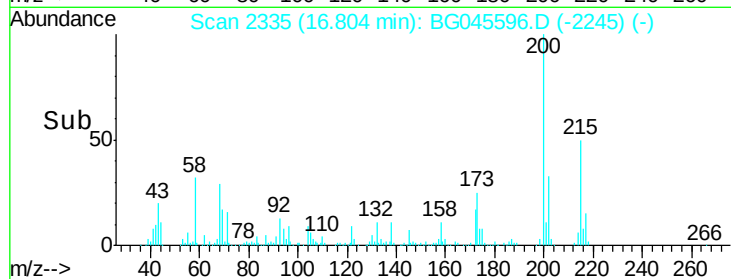
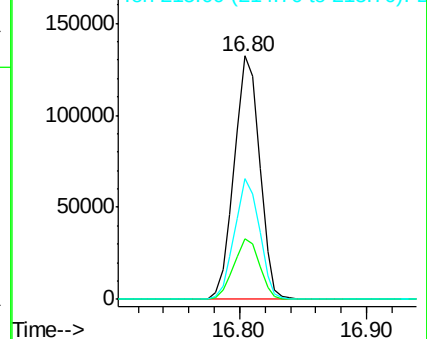
215 49.7 28.2 68.2



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: 98.329 ng

RT: 17.01 min Scan# 2370

Delta R.T. 0.01 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

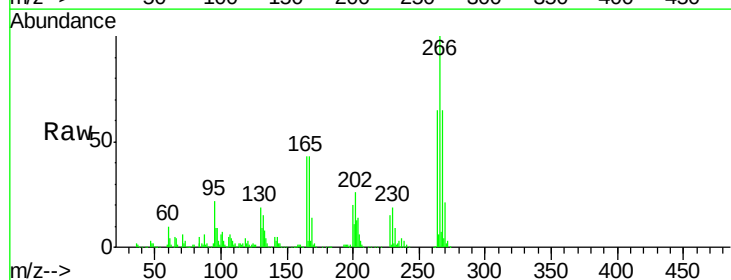
Tgt Ion:266 Resp: 230444

Ion Ratio Lower Upper

266 100

268 65.4 53.2 79.8

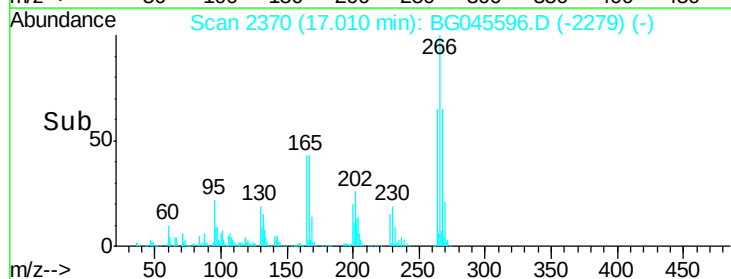
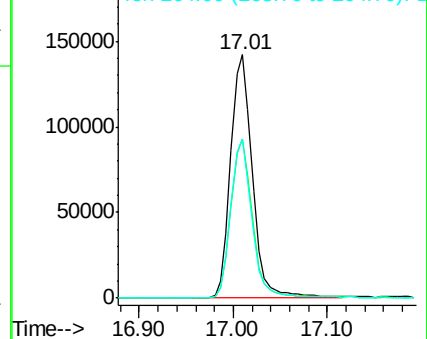
264 65.4 51.0 76.4

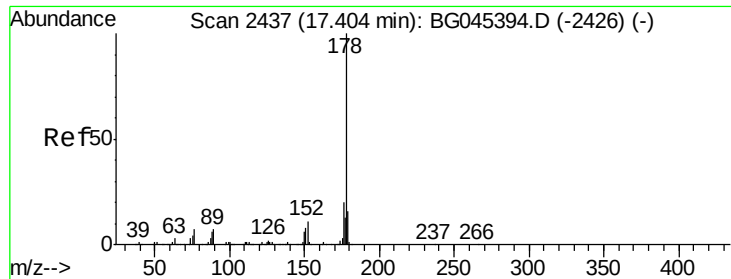


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

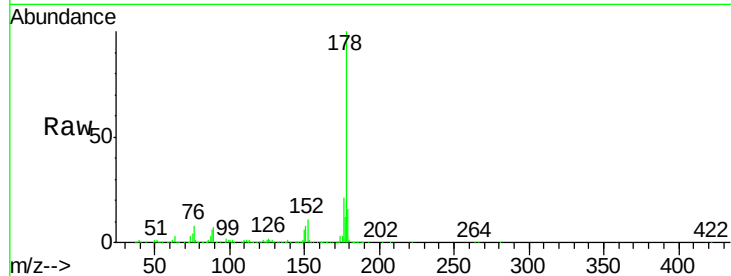




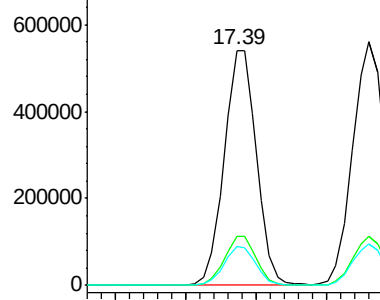
#71
Phenanthrene
Concen: 49.890 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :

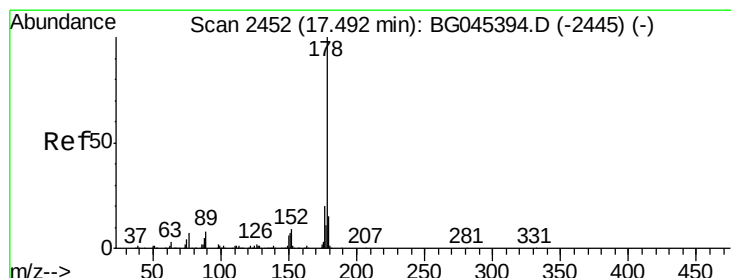
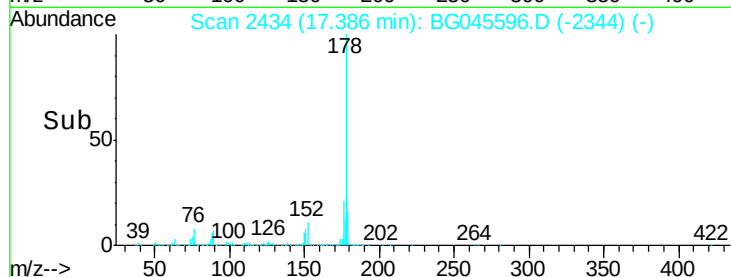
Tot Ion:178 Resp: 867985
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.4 13.1 19.7



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

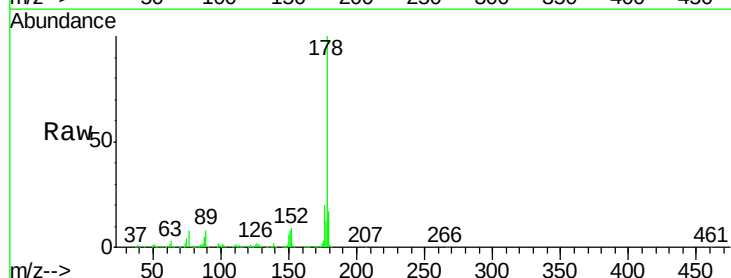


Time-->

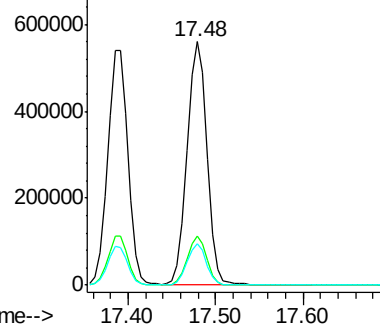


#72
Anthracene
Concen: 50.794 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

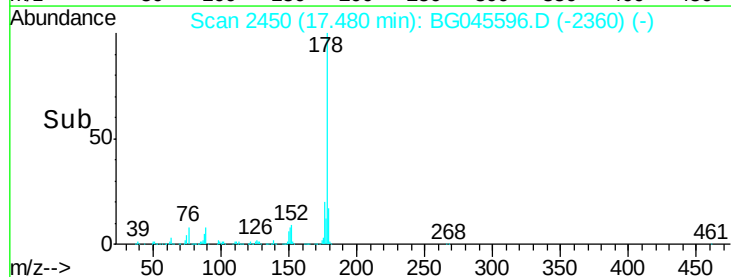
Tgt Ion:178 Resp: 887447
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 17.2 12.2 18.4

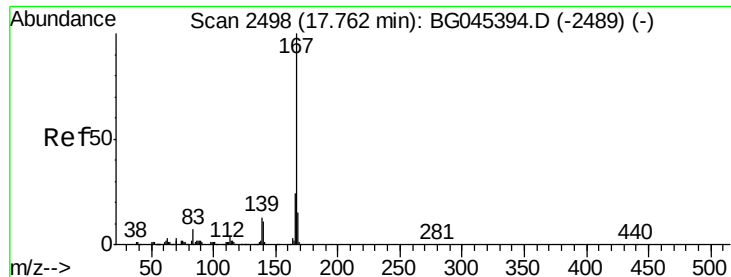


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->

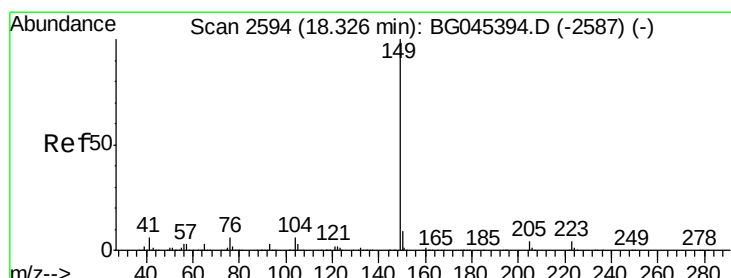
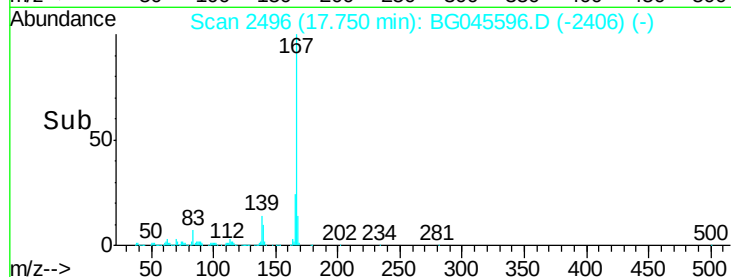
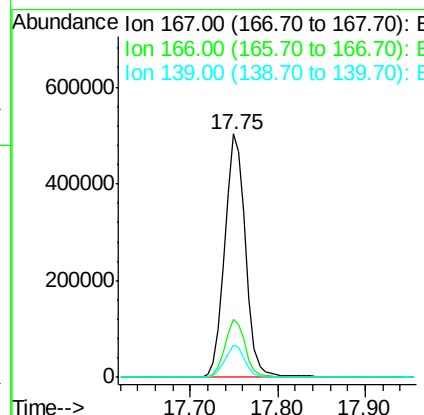
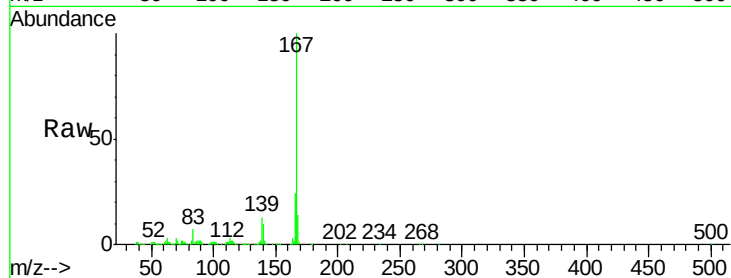




#73
 Carbazole
 Concen: 48.714 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

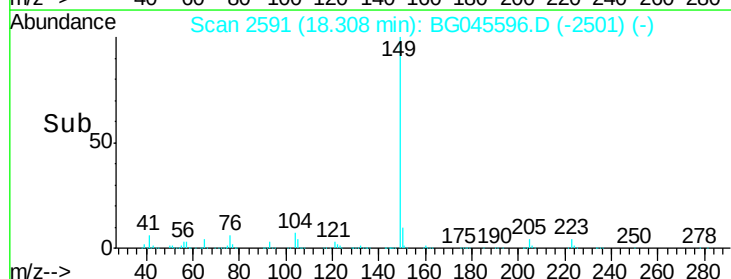
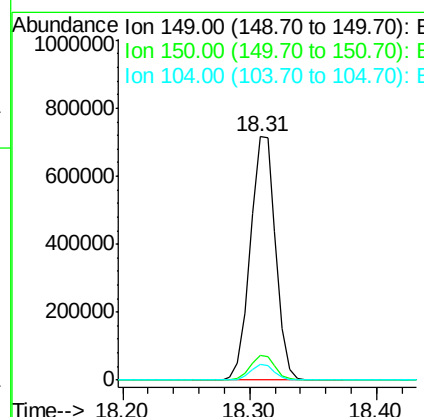
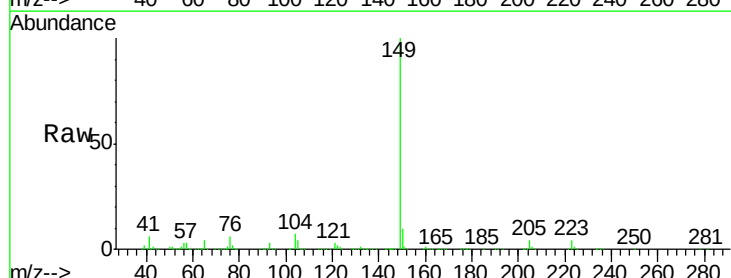
Instrument :
 BNA_G
 ClientSampleId :

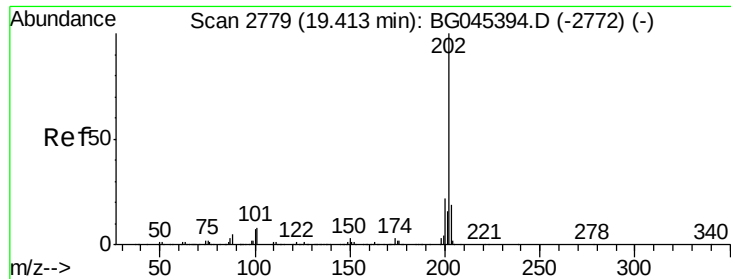
Tot Ion:167 Resp: 829624
 Ion Ratio Lower Upper
 167 100
 166 23.7 19.2 28.8
 139 13.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 48.470 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045596.D
 Acq: 4 Jun 2020 3:44

Tgt Ion:149 Resp: 990778
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.6 11.4
 104 6.5 5.0 7.4





#75

Fluoranthene

Concen: 50.224 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampleId :

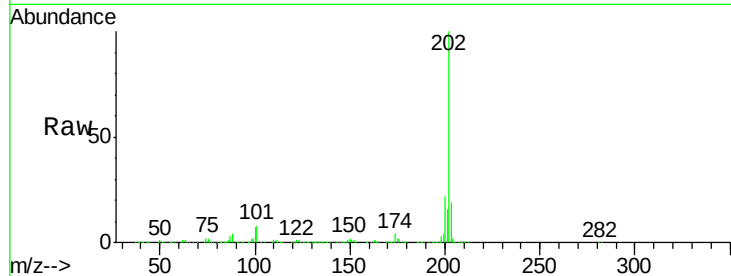
Tot Ion:202 Resp: 1111414

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.3
203	19.1	0.0	39.0

202 100

101 8.1 0.0 28.3

203 19.1 0.0 39.0

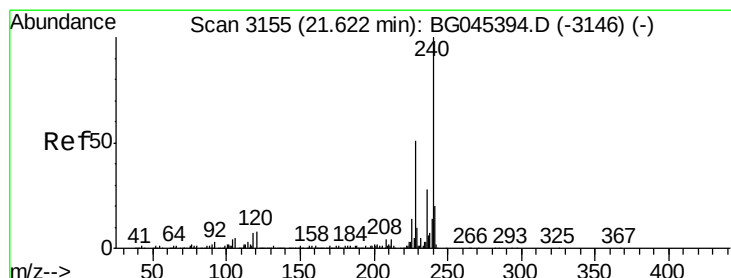
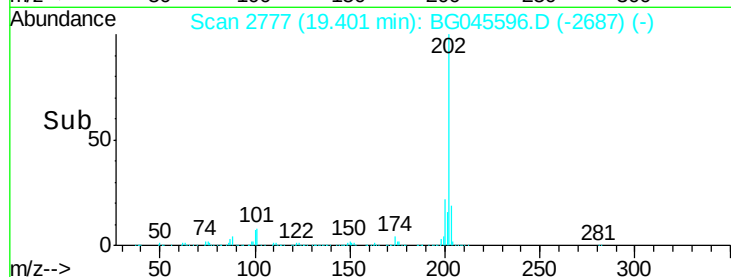
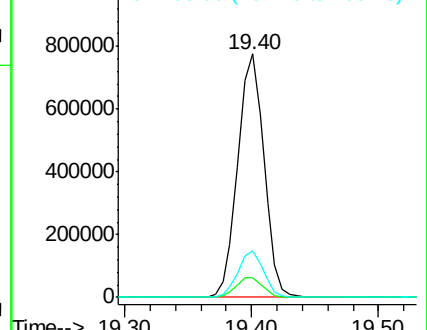


Abundance

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: BG045596.D

Acq: 4 Jun 2020 3:44

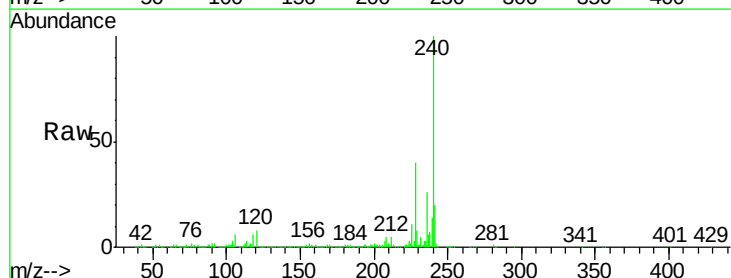
Tgt Ion:240 Resp: 386943

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.1	9.1
236	26.3	22.3	33.5

240 100

120 7.7 6.1 9.1

236 26.3 22.3 33.5

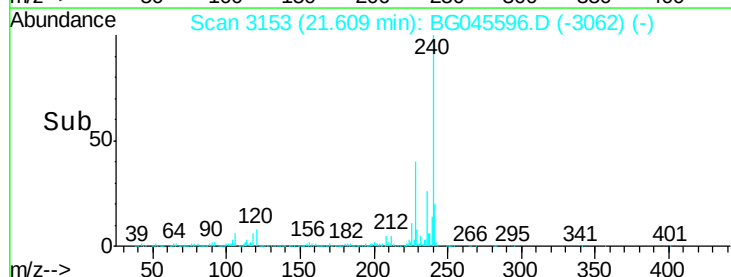
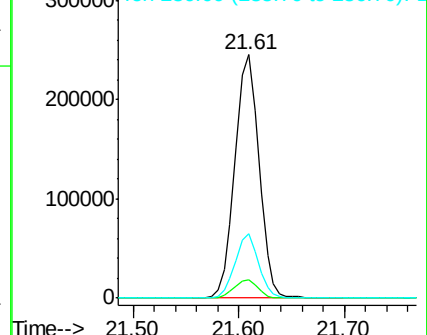


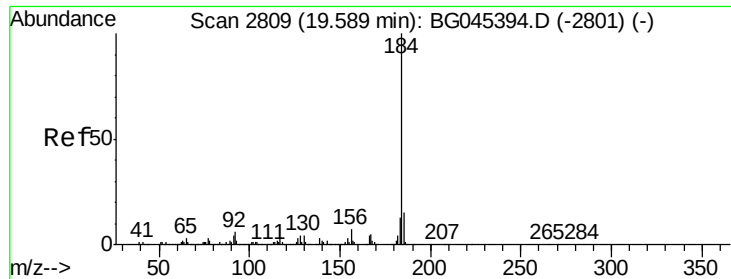
Abundance

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: 47.734 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

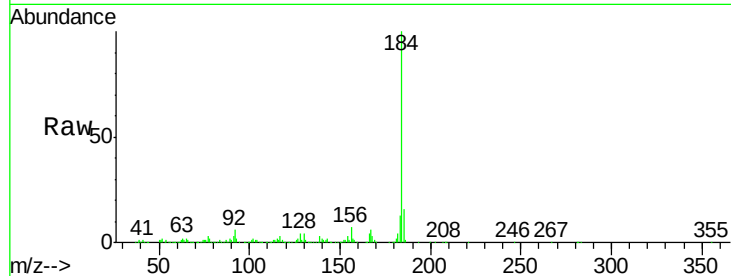
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 518745

Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.7	17.5
183	12.5	10.2	15.4

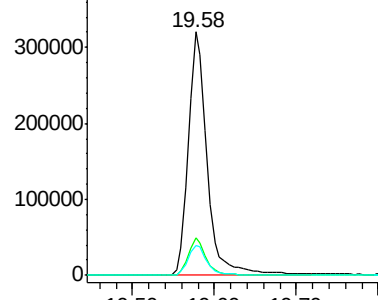


Abundance

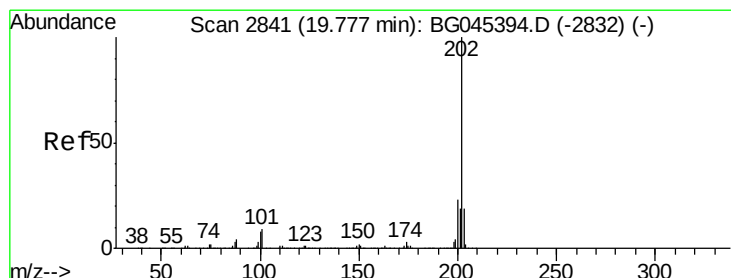
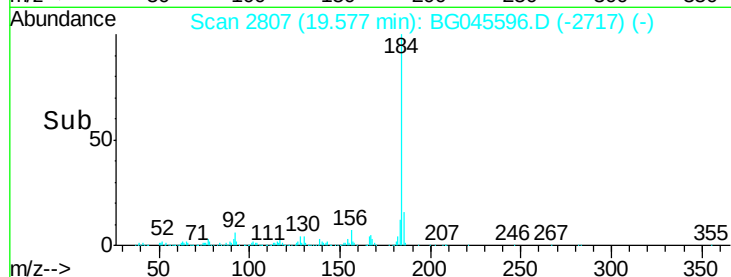
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 49.947 ng

RT: 19.76 min Scan# 2838

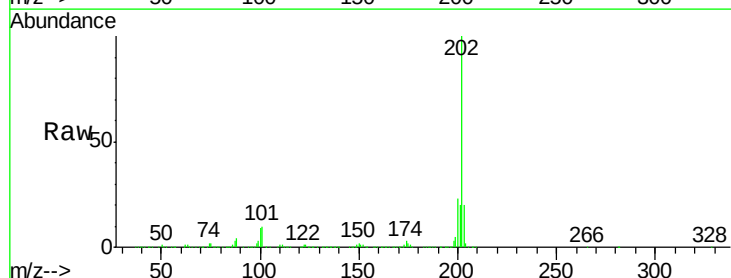
Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Tgt Ion:202 Resp: 1101699

Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.2	27.2
203	19.8	15.1	22.7

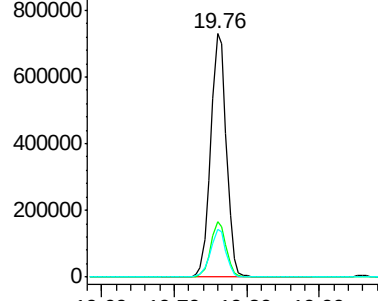


Abundance

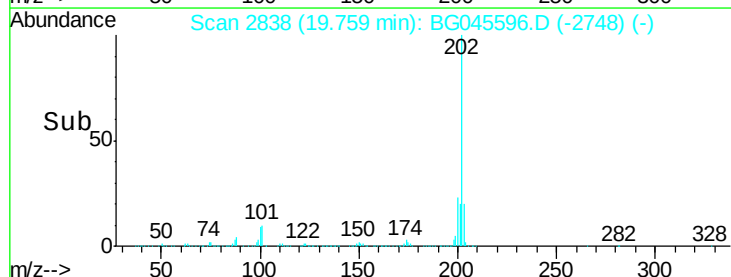
Ion 202.00 (201.70 to 202.70): E

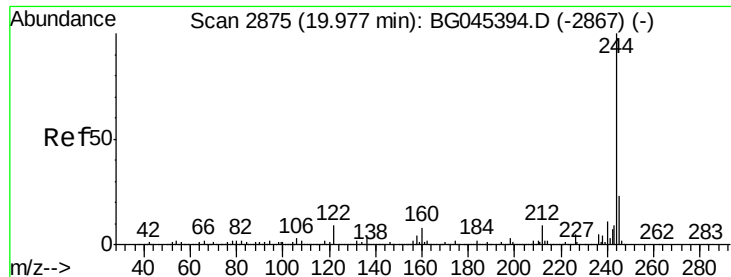
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 102.092 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampleId :

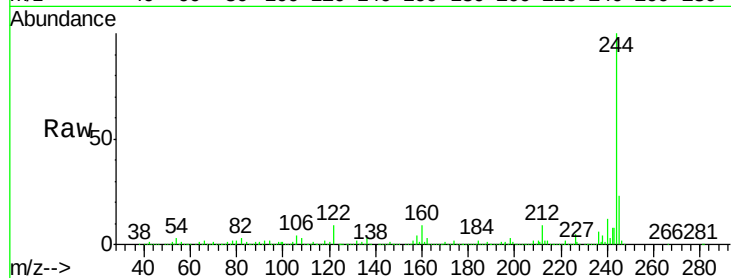
Tot Ion:244 Resp: 1693768

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.0

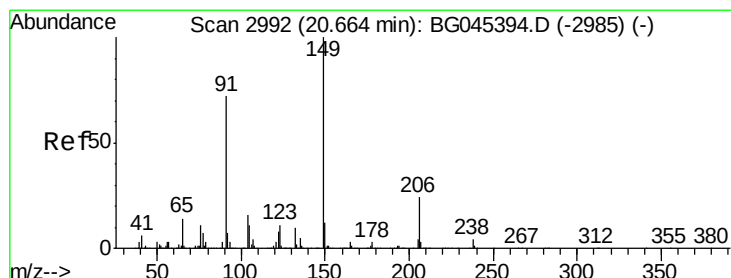
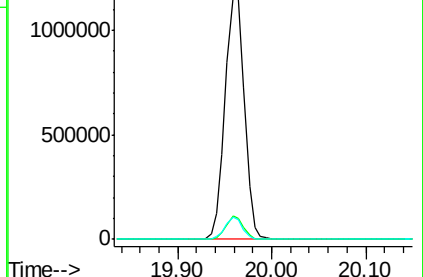
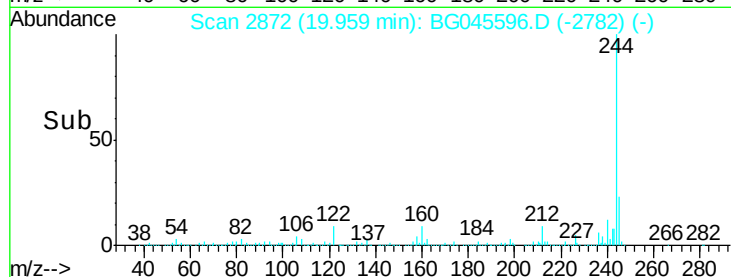
122 9.1 6.8 10.2



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: 47.403 ng

RT: 20.65 min Scan# 2990

Delta R.T. 0.01 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

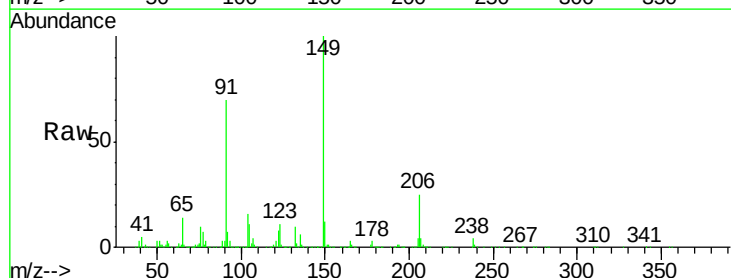
Tgt Ion:149 Resp: 451306

Ion Ratio Lower Upper

149 100

91 70.1 57.8 86.6

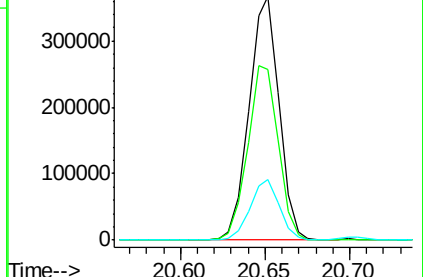
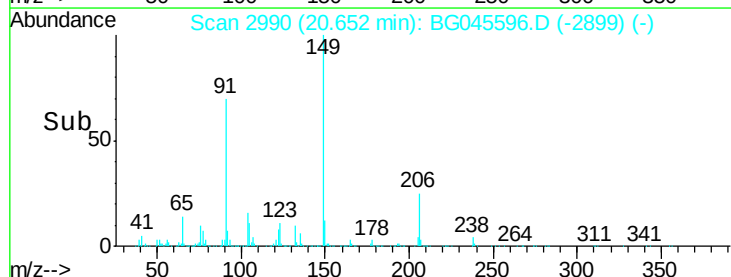
206 24.9 19.1 28.7

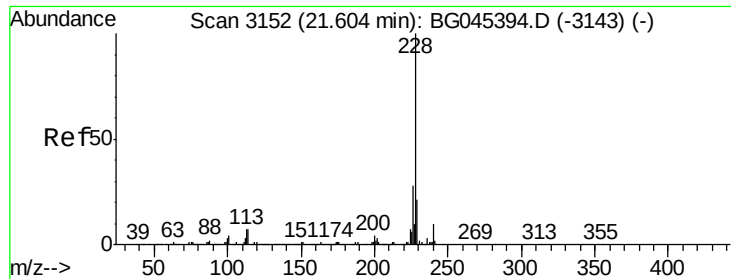


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.125 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

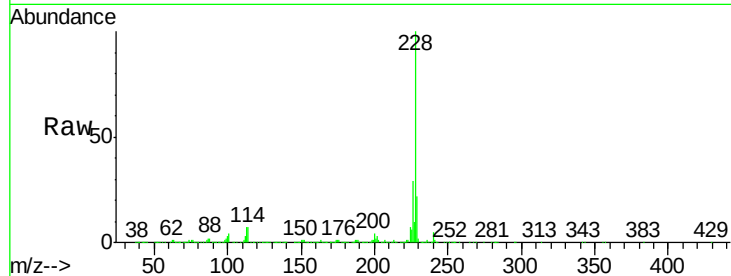
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1080463

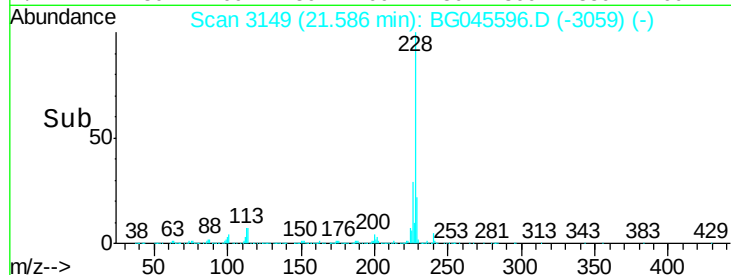
Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	21.8	16.7	25.1



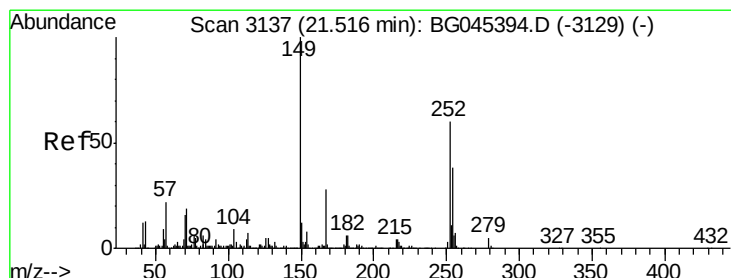
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 38.155 ng

RT: 21.50 min Scan# 3135

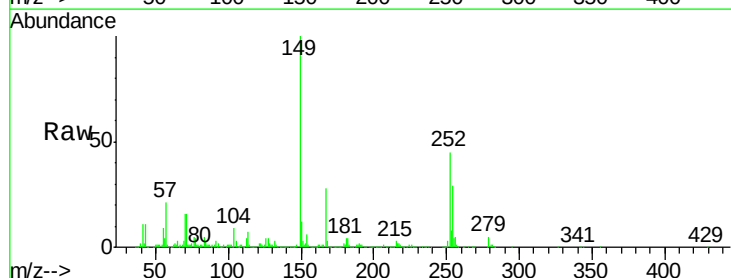
Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Tgt Ion:252 Resp: 322613

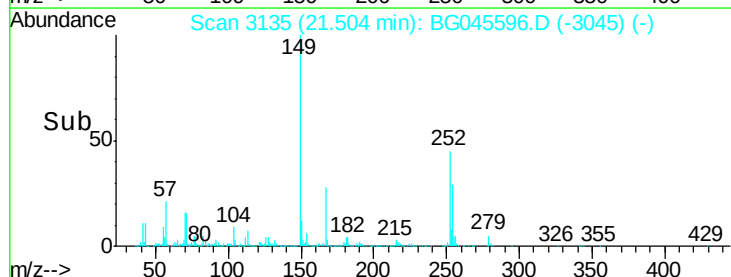
Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.3	76.9
126	8.2	6.6	10.0



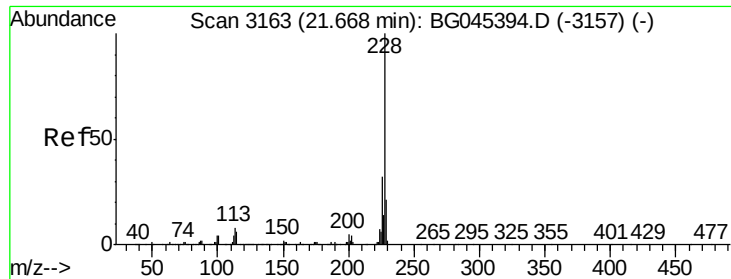
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 49.676 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

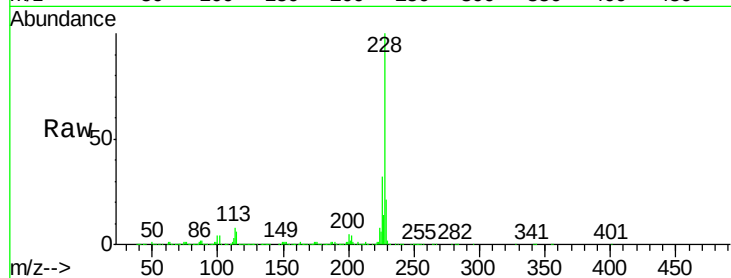
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1029599

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.2	37.8
229	20.9	16.7	25.1

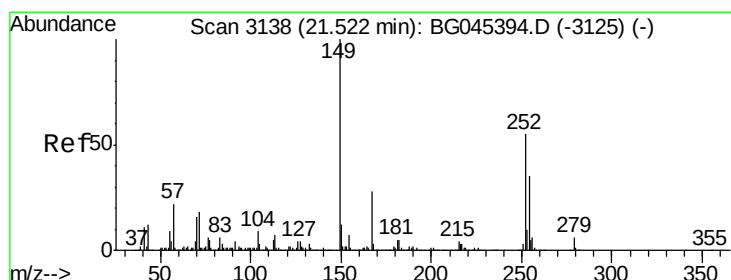
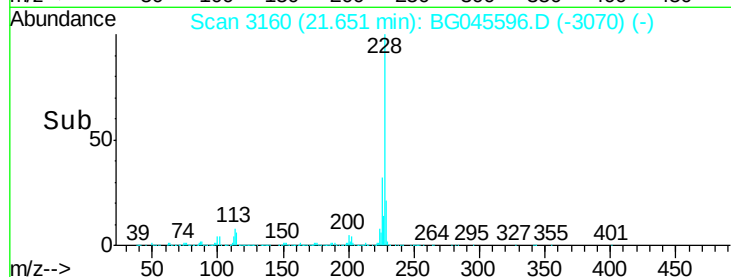
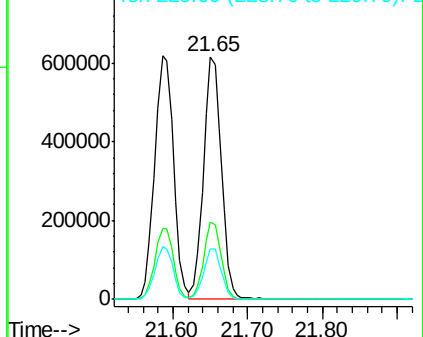


Abundance

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: 48.770 ng

RT: 21.50 min Scan# 3134

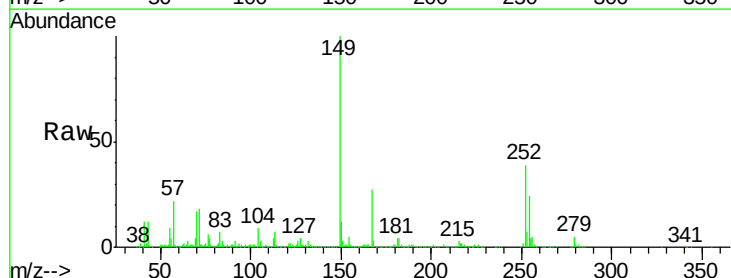
Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Tgt Ion:149 Resp: 638275

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.2	33.2
279	5.0	4.7	7.1

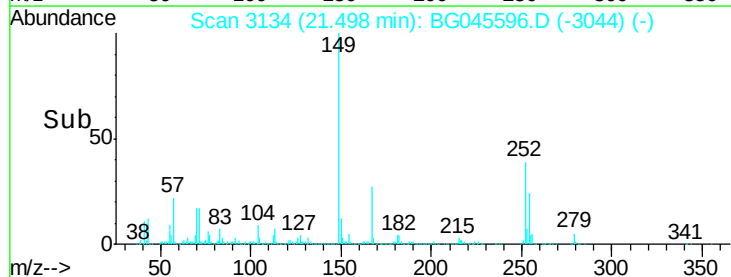
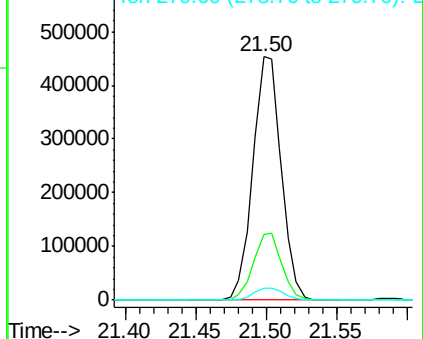


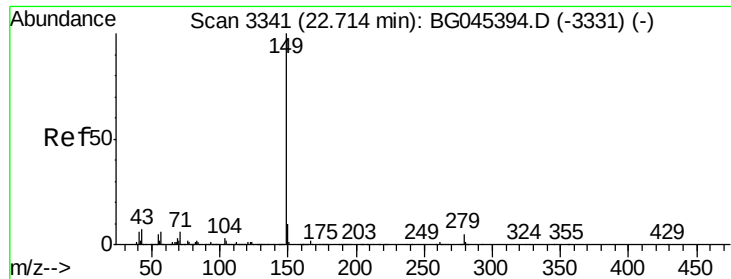
Abundance

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: 47.932 ng

RT: 22.68 min Scan# 3336

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampleId :

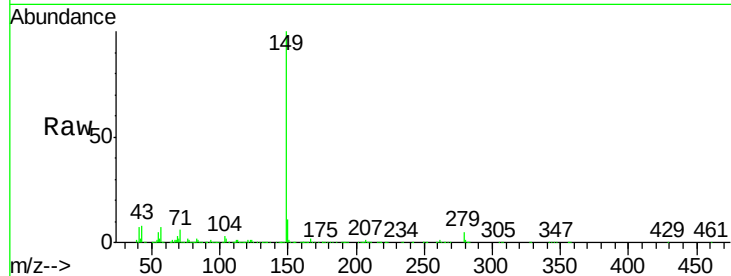
Tot Ion:149 Resp: 1077411

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

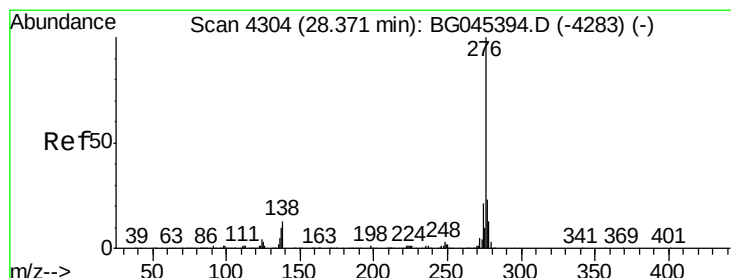
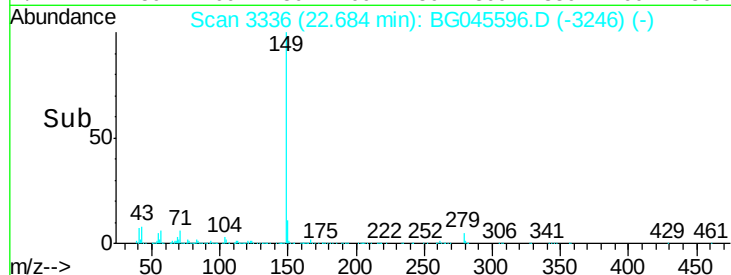
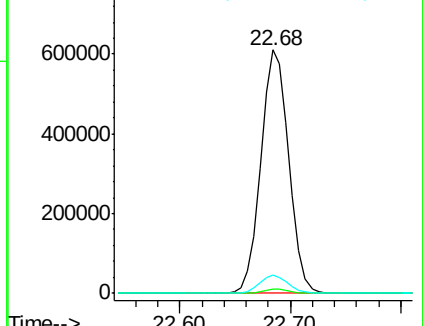
43 7.5 5.8 8.8



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.111 ng

RT: 28.33 min Scan# 4297

Delta R.T. 0.01 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

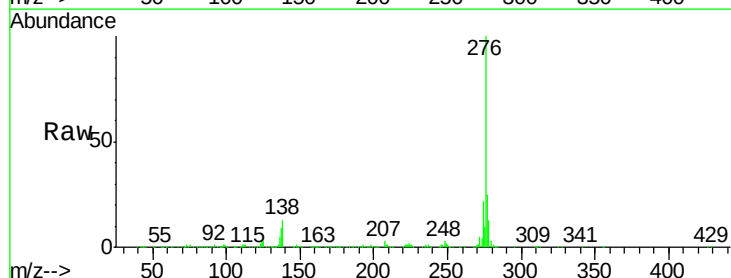
Tgt Ion:276 Resp: 1331069

Ion Ratio Lower Upper

276 100

138 9.3 8.6 12.8

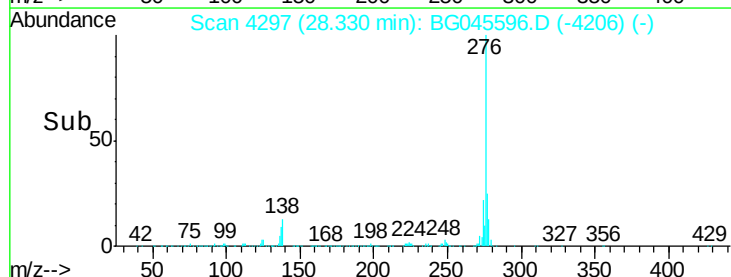
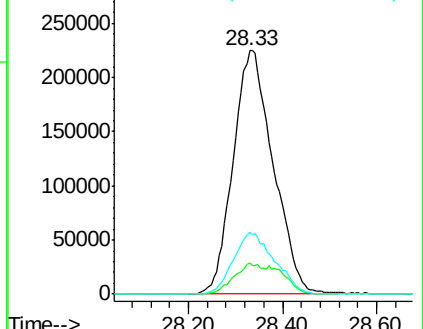
277 25.8 20.2 30.4

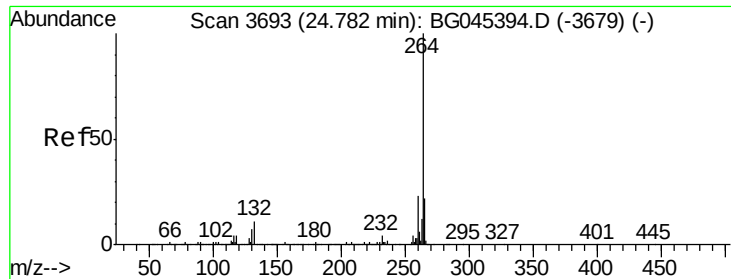


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampleId :

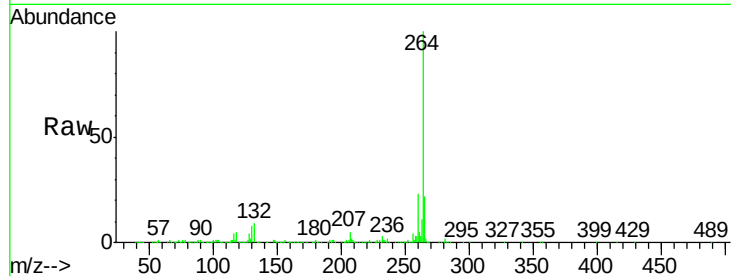
Tot Ion:264 Resp: 422352

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

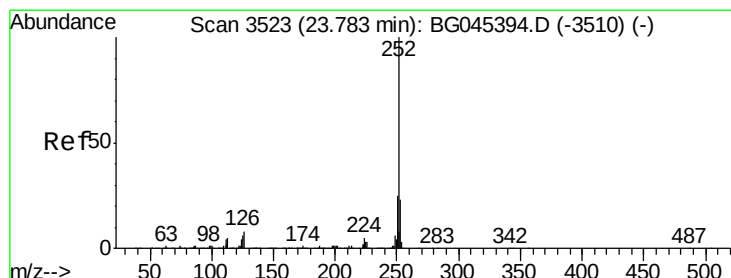
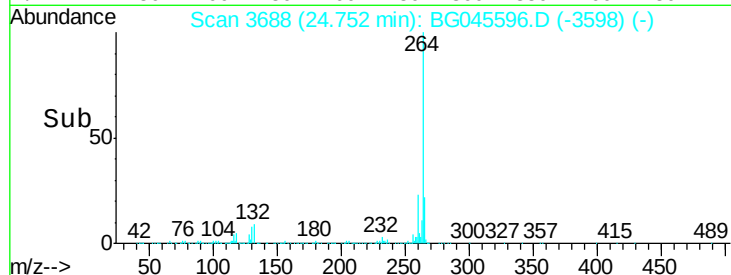
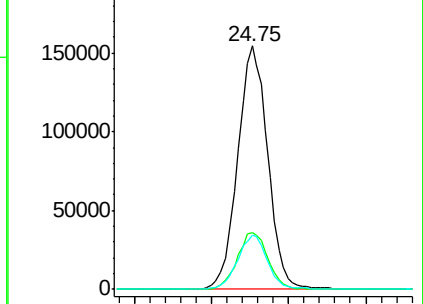
265 22.0 17.6 26.4



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: 50.538 ng

RT: 23.76 min Scan# 3519

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

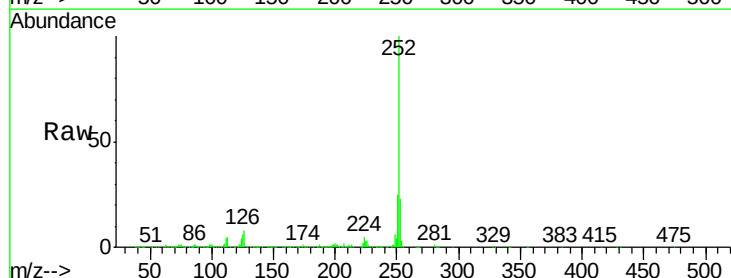
Tgt Ion:252 Resp: 1144751

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

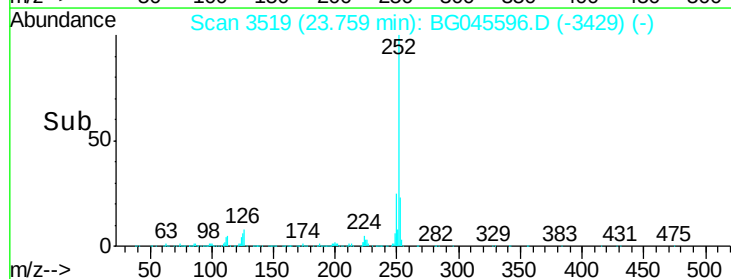
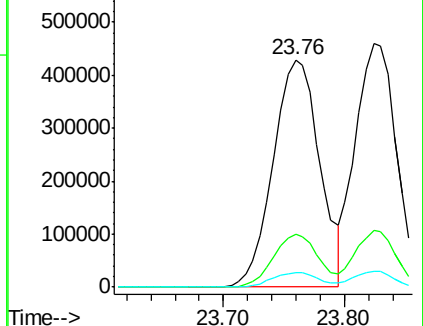
125 6.3 5.0 7.6

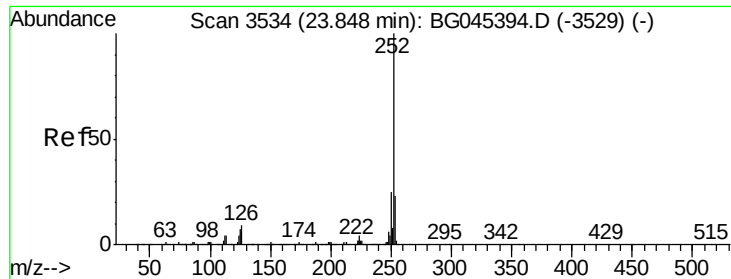


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 51.219 ng

RT: 23.82 min Scan# 3530

Delta R.T. 0.00 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

Instrument :

BNA_G

ClientSampleId :

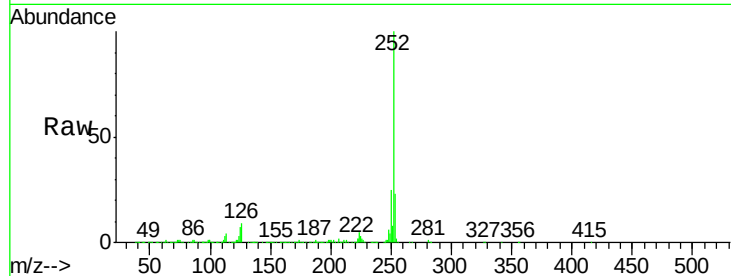
Tot Ion:252 Resp: 1089958

Ion Ratio Lower Upper

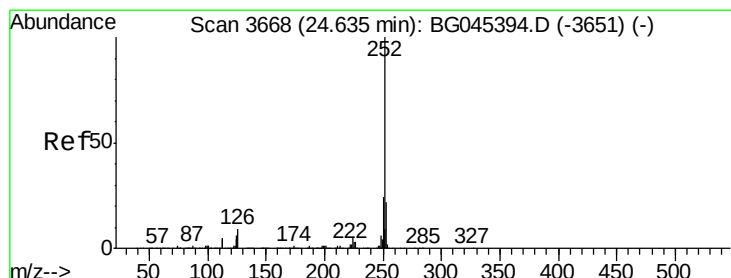
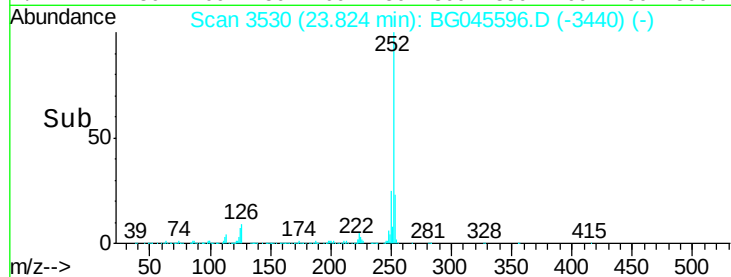
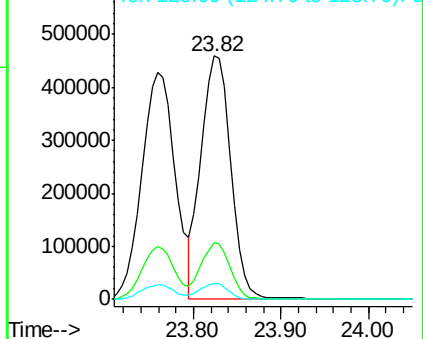
252 100

253 23.2 18.4 27.6

125 6.5 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.515 ng

RT: 24.61 min Scan# 3664

Delta R.T. 0.01 min

Lab File: BG045596.D

Acq: 4 Jun 2020 3:44

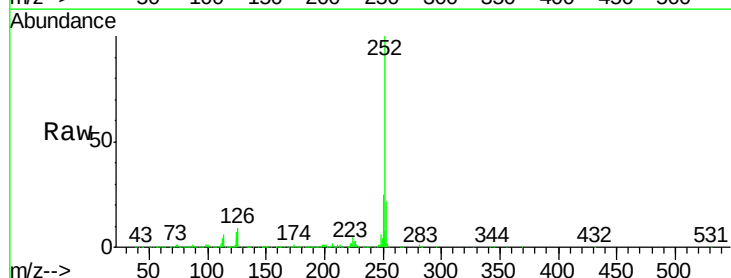
Tgt Ion:252 Resp: 1044558

Ion Ratio Lower Upper

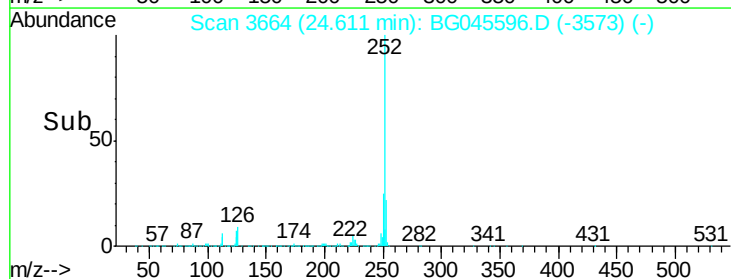
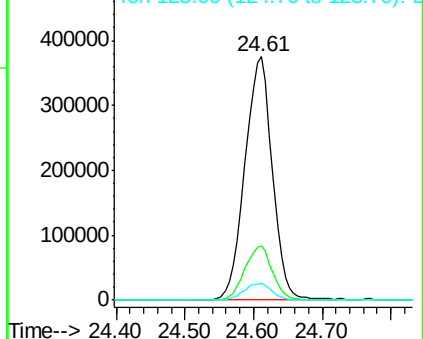
252 100

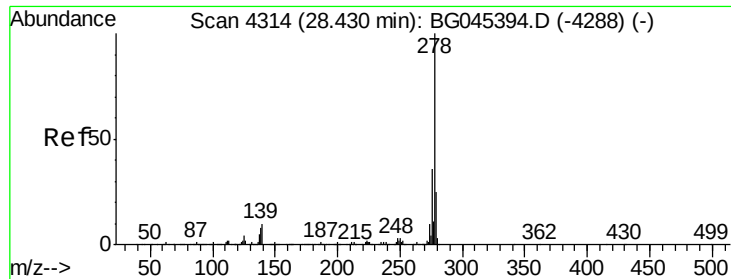
253 22.4 17.2 25.8

125 6.9 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

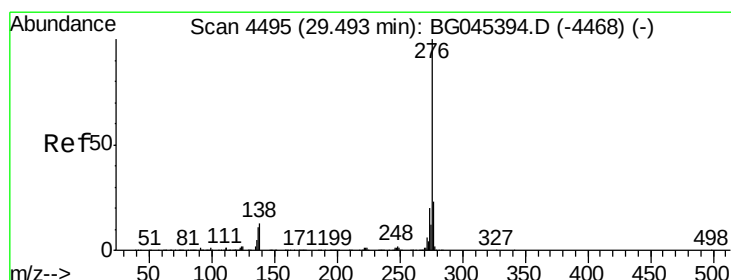
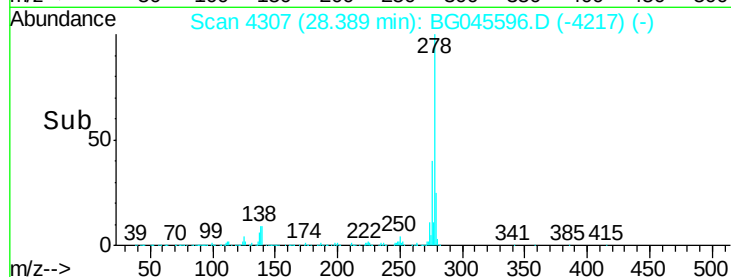
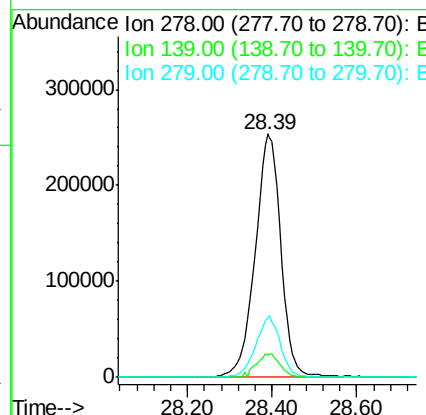
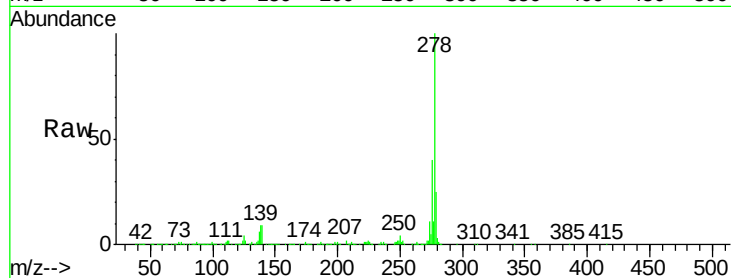




#91
Dibenzo(a,h)anthracene
Concen: 51.121 ng
RT: 28.39 min Scan# 4307
Delta R.T. 0.00 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1083722
Ion Ratio Lower Upper
278 100
139 9.3 7.8 11.8
279 24.6 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 51.882 ng
RT: 29.45 min Scan# 4488
Delta R.T. 0.01 min
Lab File: BG045596.D
Acq: 4 Jun 2020 3:44

Tgt Ion:276 Resp: 1100001
Ion Ratio Lower Upper
276 100
277 23.3 18.1 27.1
138 13.3 10.2 15.4

