

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045756.D
 Acq On : 13 Jun 2020 1:26
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jun 13 02:06:27 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	102006	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	401866	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	276266	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	596978	20.00	ng	0.00
76) Chrysene-d12	21.61	240	510207	20.00	ng	0.00
87) Perylene-d12	24.75	264	554847	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	465366	89.16	ng	0.05
7) Phenol-d6	7.21	99	686952	92.47	ng	0.07
23) Nitrobenzene-d5	9.12	82	667221	90.54	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	299391	84.74	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1403566	86.18	ng	0.00
79) Terphenyl-d14	19.96	244	1951158	89.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	91029	35.169	ng	96
3) Pyridine	3.81	79	278481	38.631	ng	95
4) n-Nitrosodimethylamine	3.73	42	103914	44.052	ng	81
6) Aniline	7.29	93	409443	42.220	ng	96
8) 2-Chlorophenol	7.55	128	259238	45.290	ng	100
9) Benzaldehyde	7.09	77	190708	39.401	ng	97
10) Phenol	7.24	94	360165	47.040	ng	97
11) bis(2-Chloroethyl)ether	7.38	93	256615	42.968	ng	100
12) 1,3-Dichlorobenzene	7.84	146	301826	43.879	ng	99
13) 1,4-Dichlorobenzene	7.99	146	296697	43.708	ng	96
14) 1,2-Dichlorobenzene	8.31	146	285750	43.767	ng	98
15) Benzyl Alcohol	8.22	79	287686	46.877	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	244458	43.122	ng	# 14
17) 2-Methylphenol	8.47	107	267752	46.721	ng	# 90
18) Hexachloroethane	9.03	117	115191	44.307	ng	92
19) n-Nitroso-di-n-propylamine	8.76	70	231101	44.985	ng	96
20) 3+4-Methylphenols	8.80	107	348845	44.701	ng	# 86
22) Acetophenone	8.78	105	430122	45.159	ng	96
24) Nitrobenzene	9.16	77	354621	44.914	ng	97
25) Isophorone	9.68	82	625128	43.073	ng	98
26) 2-Nitrophenol	9.87	139	154238	45.665	ng	95
27) 2,4-Dimethylphenol	9.98	122	231668	46.246	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	336918	44.266	ng	96
29) 2,4-Dichlorophenol	10.45	162	276074	46.669	ng	100
30) 1,2,4-Trichlorobenzene	10.62	180	316942	45.341	ng	99
31) Naphthalene	10.81	128	818589	43.712	ng	98
32) Benzoic acid	10.23	122	175360	50.745	ng	93
33) 4-Chloroaniline	10.94	127	344876	44.058	ng	98
34) Hexachlorobutadiene	11.09	225	230767	46.703	ng	97
35) Caprolactam	11.74	113	90020	41.458	ng	91
36) 4-Chloro-3-methylphenol	12.12	107	309582	46.442	ng	94
37) 2-Methylnaphthalene	12.42	142	613122	43.927	ng	98
38) 1-Methylnaphthalene	12.63	142	573418	43.491	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	350257	45.391	ng	100

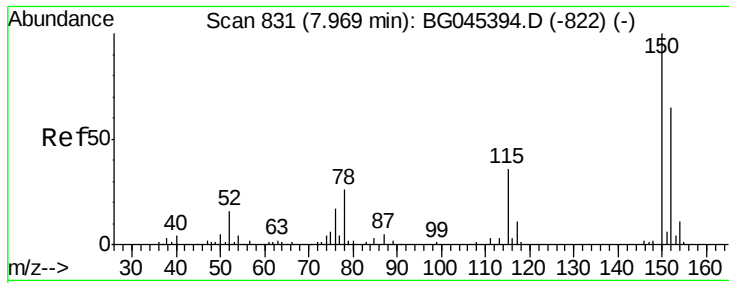
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	141602	31.793	nq	95
43) 2,4,6-Trichlorophenol	13.06	196	246744	46.031	nq	98
44) 2,4,5-Trichlorophenol	13.16	196	272896	44.551	nq	99
46) 1,1'-Biphenyl	13.43	154	742277	43.727	nq	98
47) 2-Chloronaphthalene	13.47	162	601761	43.655	nq	99
48) 2-Nitroaniline	13.69	65	204938	45.197	nq	99
49) Acenaphthylene	14.32	152	942576	42.571	nq	99
50) Dimethylphthalate	14.06	163	784067	41.372	nq	98
51) 2,6-Dinitrotoluene	14.18	165	181696	42.488	nq	98
52) Acenaphthene	14.66	154	570518	38.494	nq	97
53) 3-Nitroaniline	14.53	138	175668	40.409	nq	94
54) 2,4-Dinitrophenol	14.73	184	160470	58.833	nq	99
55) Dibenzofuran	15.00	168	914105	41.532	nq	93
56) 4-Nitrophenol	14.92	139	158657	48.206	nq	90
57) 2,4-Dinitrotoluene	14.97	165	248870	40.183	nq	98
58) Fluorene	15.65	166	759988	42.030	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	233962	43.414	nq	96
60) Diethylphthalate	15.42	149	792535	40.178	nq	99
61) 4-Chlorophenyl-phenylether	15.64	204	449429	43.435	nq	98
62) 4-Nitroaniline	15.70	138	158603	34.948	nq	96
63) Azobenzene	15.93	77	770348	41.883	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	141388	40.666	nq	95
66) n-Nitrosodiphenylamine	15.86	169	660132	46.055	nq	97
67) 4-Bromophenyl-phenylether	16.53	248	309147	47.824	nq	97
68) Hexachlorobenzene	16.66	284	316788	46.854	nq	98
69) Atrazine	16.82	200	230862	39.104	nq	98
70) Pentachlorophenol	17.02	266	150315	42.817	nq	97
71) Phenanthrene	17.39	178	1125377	43.182	nq	99
72) Anthracene	17.48	178	1131584	43.237	nq	97
73) Carbazole	17.76	167	1067193	41.833	nq	99
74) Di-n-butylphthalate	18.31	149	1259767	41.142	nq	98
75) Fluoranthene	19.40	202	1306474	39.413	nq	99
77) Benzidine	19.58	184	437788	30.552	nq	100
78) Pyrene	19.76	202	1294344	44.504	nq	99
80) Butylbenzylphthalate	20.65	149	536203	42.713	nq	96
81) Benzo(a)anthracene	21.59	228	1255556	44.176	nq	99
82) 3,3'-Dichlorobenzidine	21.51	252	456789	40.972	nq	97
83) Chrysene	21.66	228	1197615	43.822	nq	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	746448	43.256	nq	98
85) Di-n-octyl phthalate	22.68	149	1225611	41.352	nq	99
86) Indeno(1,2,3-cd)pyrene	28.35	276	1539978	43.092	nq	# 91
88) Benzo(b)fluoranthene	23.76	252	1307042	43.924	nq	99
89) Benzo(k)fluoranthene	23.83	252	1218973	43.603	nq	99
90) Benzo(a)pyrene	24.61	252	1231455	44.435	nq	98
91) Dibenzo(a,h)anthracene	28.40	278	1244053	44.671	nq	98
92) Benzo(g,h,i)perylene	29.46	276	1241130	44.560	nq	97

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

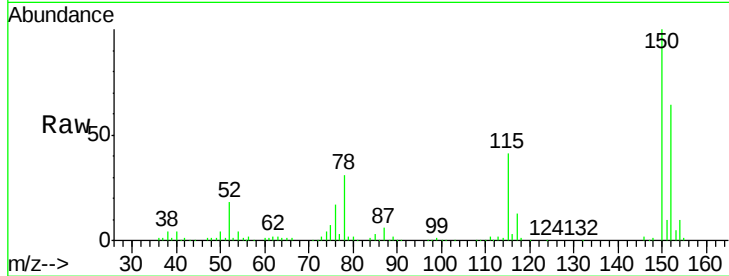


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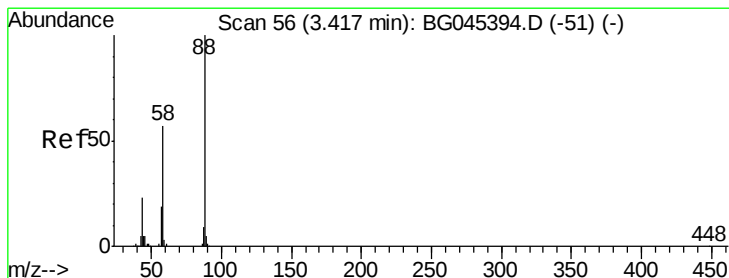
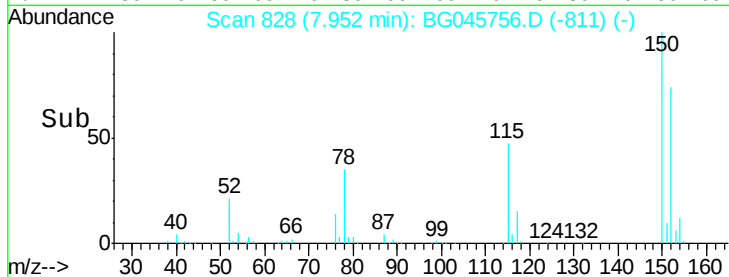
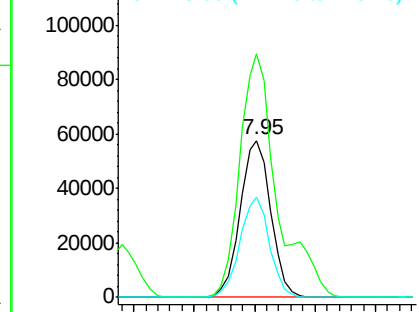
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.4	183.6
115	63.5	44.2	66.4



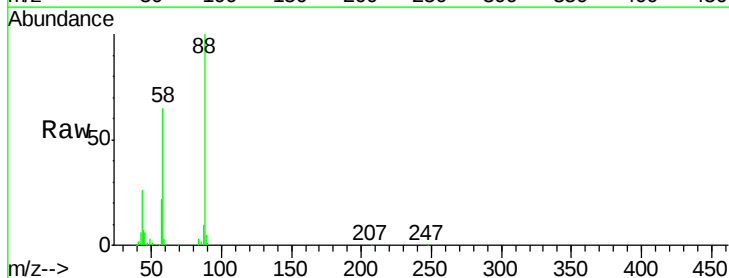
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



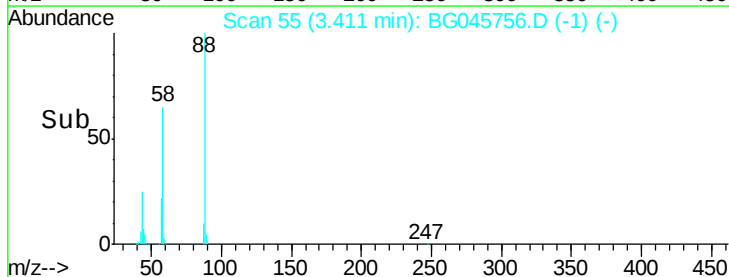
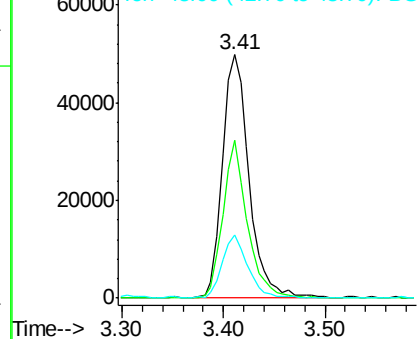
#2

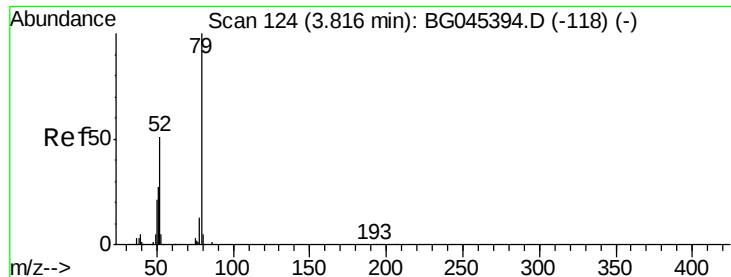
1,4-Dioxane
Concen: 35.169 ng
RT: 3.41 min Scan# 55
Delta R.T. 0.01 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.6	45.7	68.5
43	24.9	16.8	25.2



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





#3

Pvridine

Concen: 38.631 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

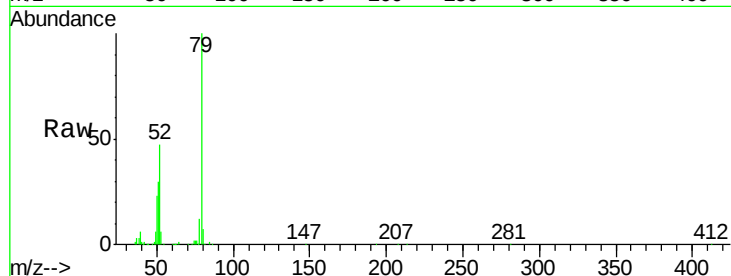
Tot Ion: 79 Resp: 278481

Ion Ratio Lower Upper

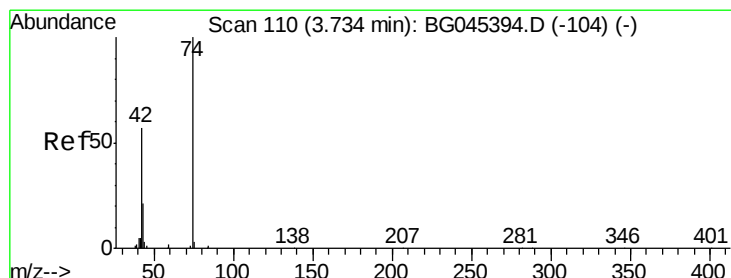
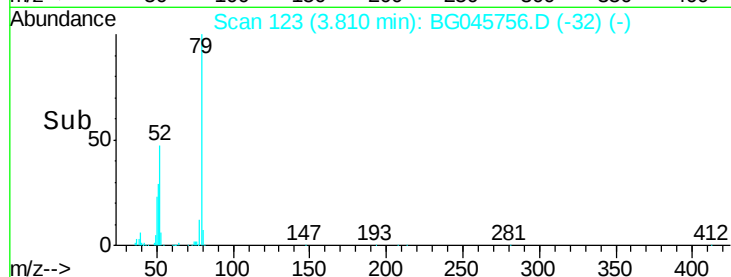
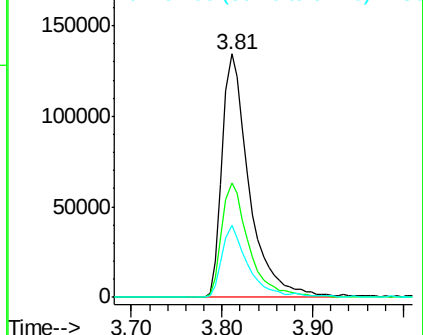
79 100

52 47.2 40.8 61.2

51 29.5 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: 44.052 ng

RT: 3.73 min Scan# 109

Delta R.T. 0.02 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

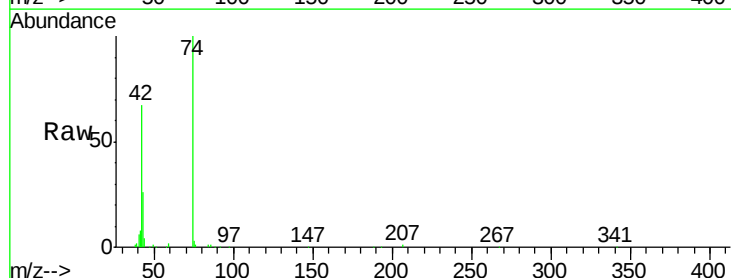
Tgt Ion: 42 Resp: 103914

Ion Ratio Lower Upper

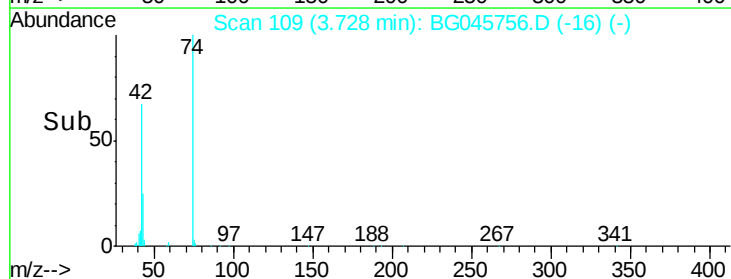
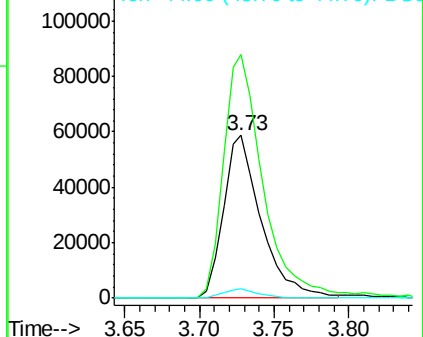
42 100

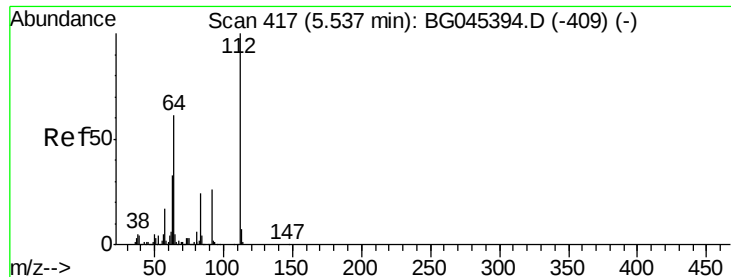
74 149.5 141.3 211.9

44 5.6 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: 89.158 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.05 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

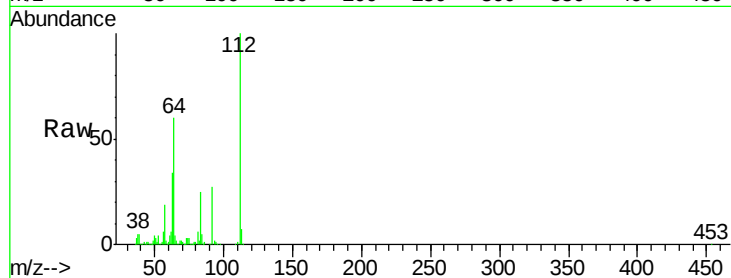
Tot Ion:112 Resp: 465366

Ion Ratio Lower Upper

112 100

64 59.7 48.6 72.8

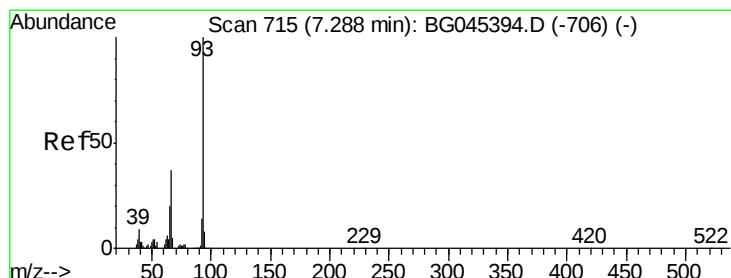
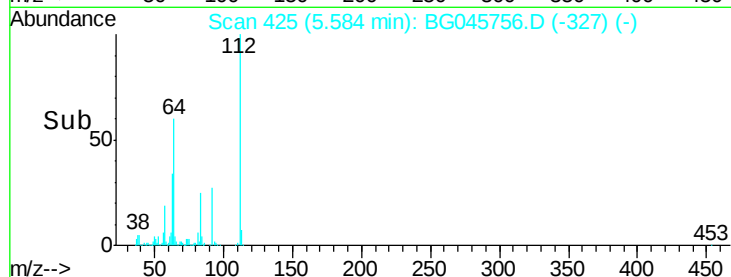
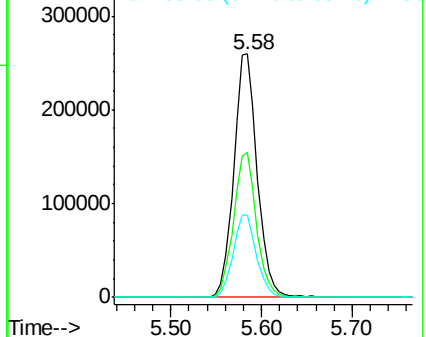
63 33.7 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 42.220 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

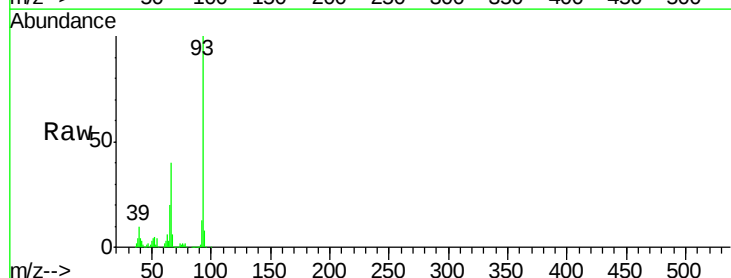
Tgt Ion: 93 Resp: 409443

Ion Ratio Lower Upper

93 100

66 40.1 29.6 44.4

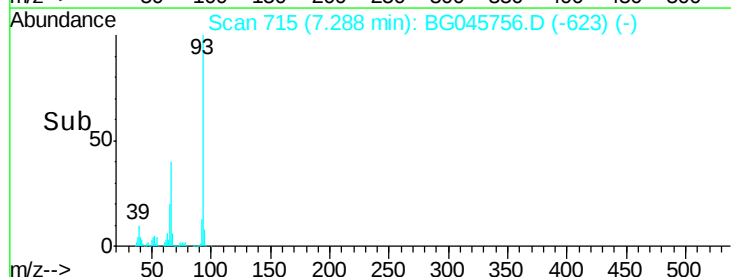
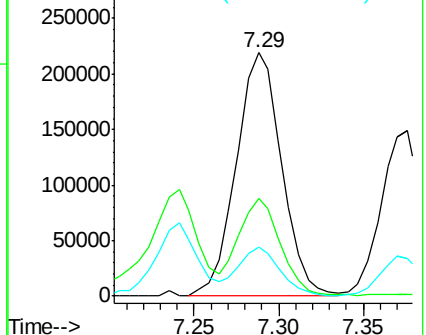
65 20.4 15.9 23.9

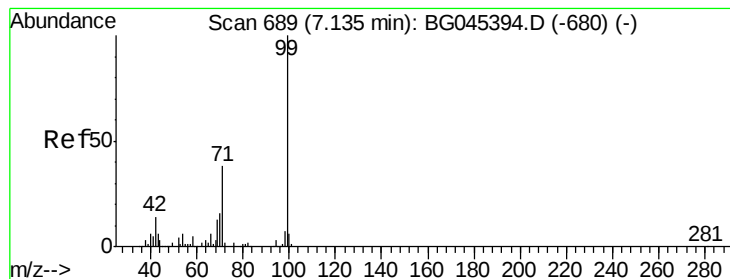


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 92.469 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.07 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

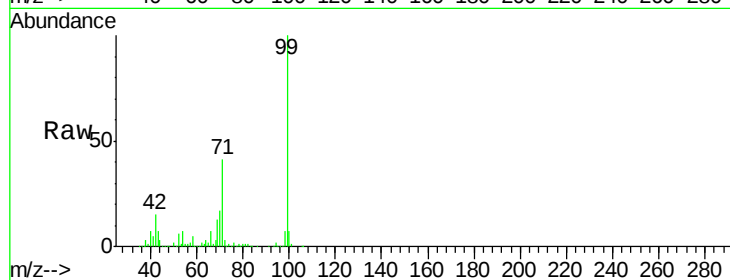
Tot Ion: 99 Resp: 686952

Ion Ratio Lower Upper

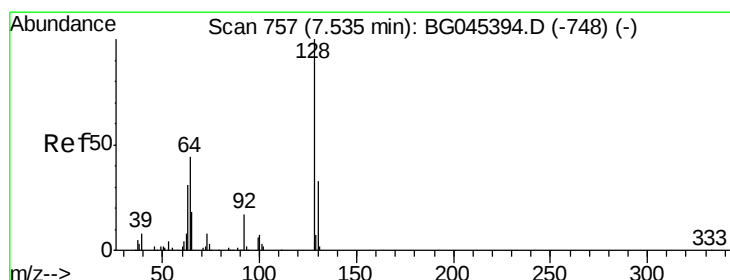
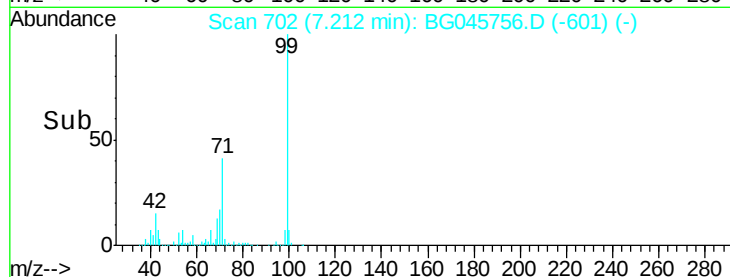
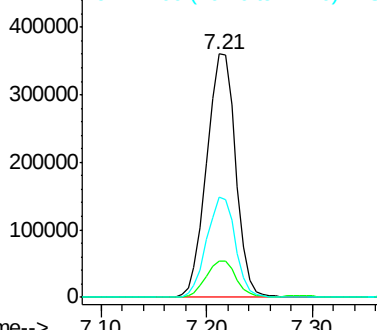
99 100

42 14.9 11.3 16.9

71 41.3 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: 45.290 ng

RT: 7.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

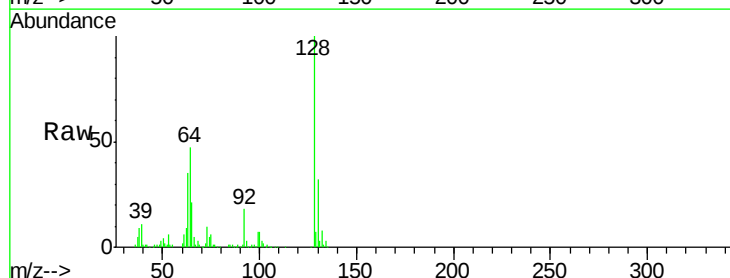
Tgt Ion: 128 Resp: 259238

Ion Ratio Lower Upper

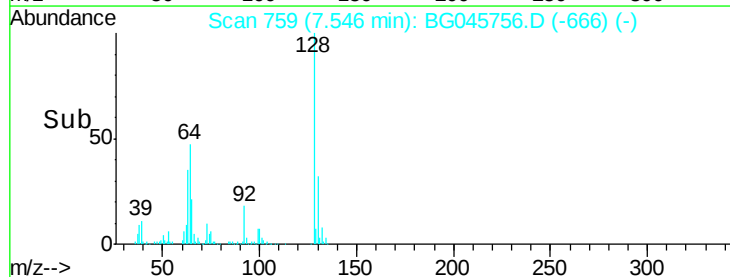
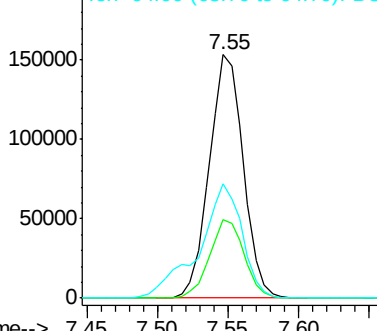
128 100

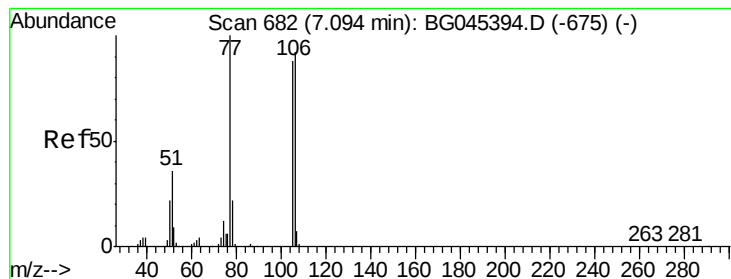
130 32.3 12.6 52.6

64 47.0 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: 39.401 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

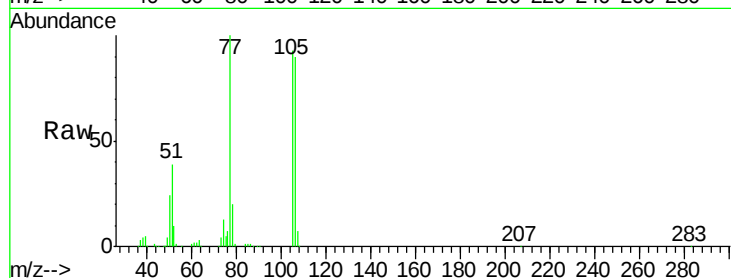
Tot Ion: 77 Resp: 190708

Ion Ratio Lower Upper

77 100

105 92.9 68.5 108.5

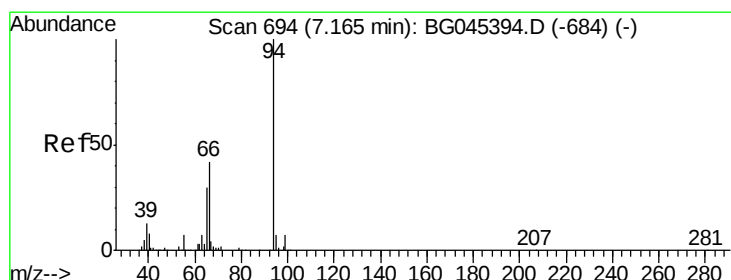
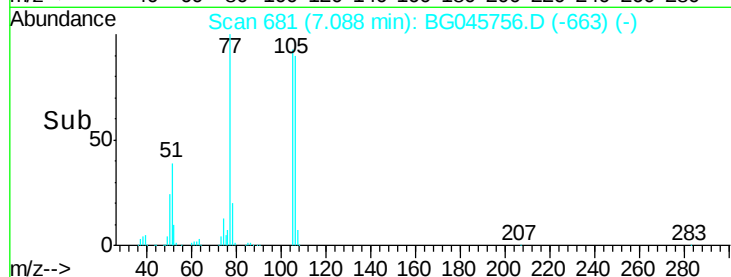
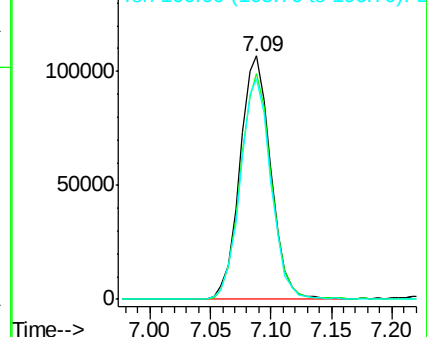
106 90.4 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.040 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.07 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

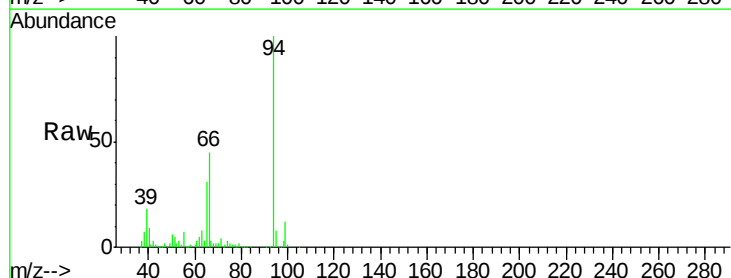
Tgt Ion: 94 Resp: 360165

Ion Ratio Lower Upper

94 100

65 30.6 9.8 49.8

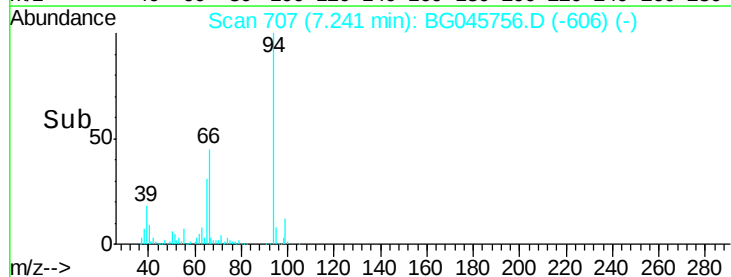
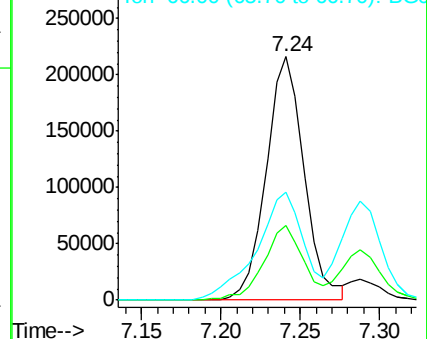
66 44.6 22.0 62.0



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

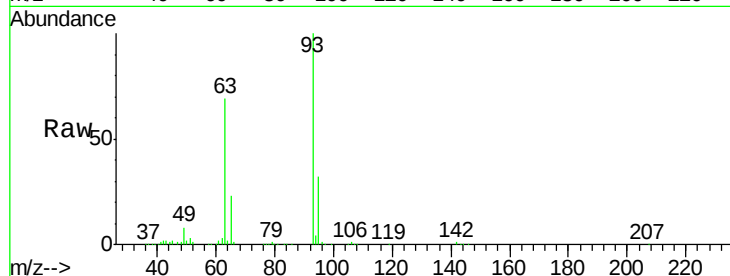




#11
bis(2-Chloroethyl)ether
Concen: 42.968 ng
RT: 7.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	93	Resp	256615
Ion Ratio	100	Lower	Upper
63	68.6	48.4	88.4
95	32.1	12.4	52.4

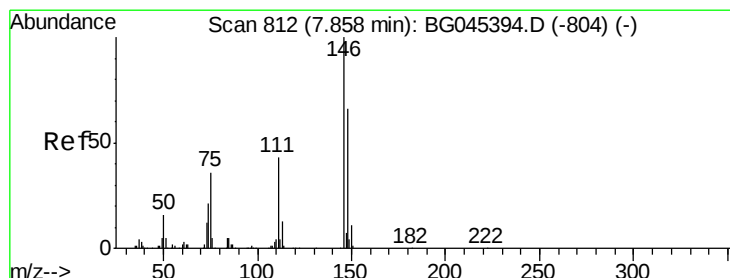
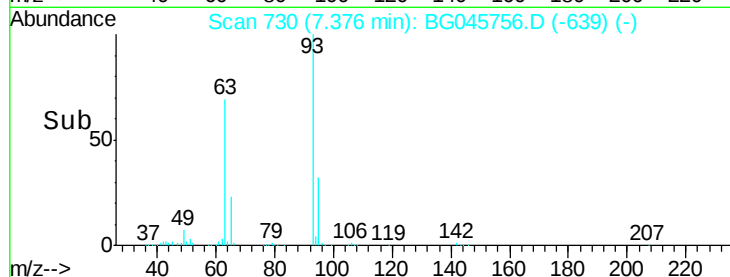
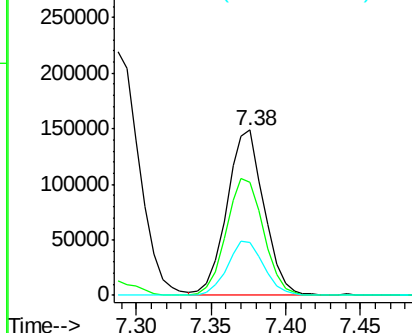


Abundance

Ion 93.00 (92.70 to 93.70): BGC

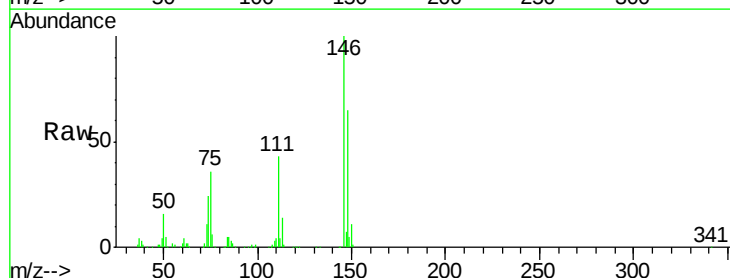
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 43.879 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Tgt Ion	146	Resp	301826
Ion Ratio	100	Lower	Upper
148	65.3	53.2	79.8
75	35.6	28.6	43.0

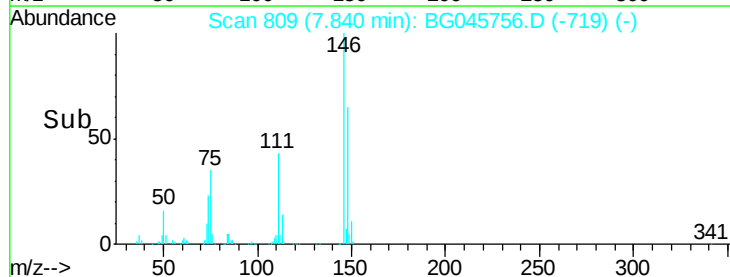
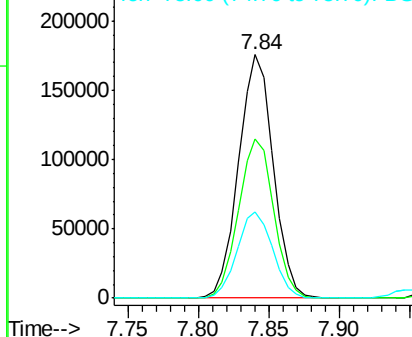


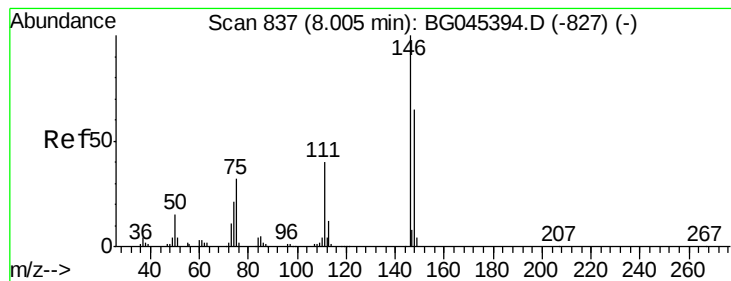
Abundance

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: 43.708 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

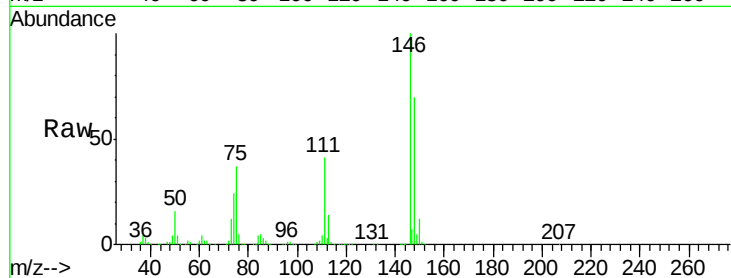
Tot Ion:146 Resp: 296697

Ion Ratio Lower Upper

146 100

148 69.6 51.8 77.8

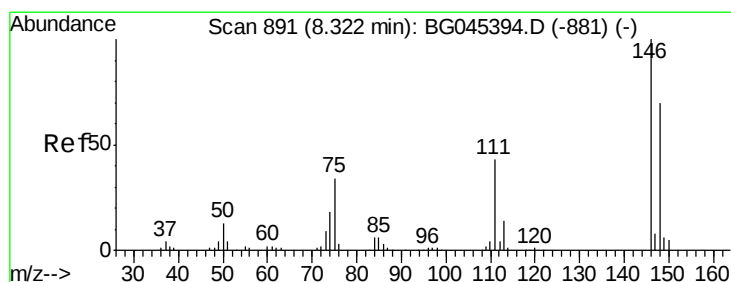
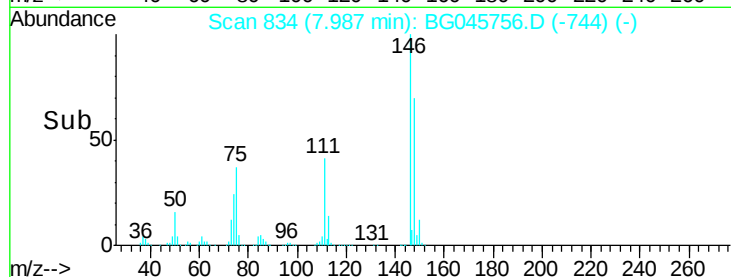
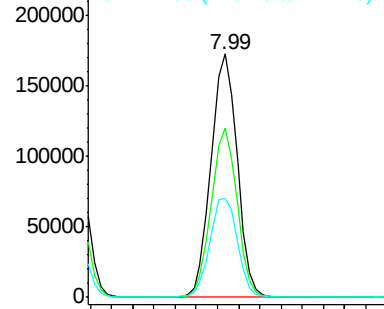
111 40.8 32.1 48.1



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: 43.767 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

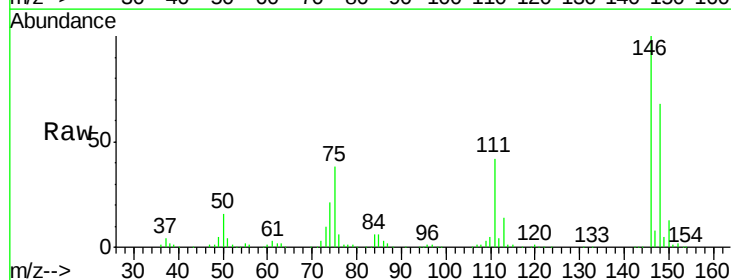
Tgt Ion:146 Resp: 285750

Ion Ratio Lower Upper

146 100

148 67.6 55.9 83.9

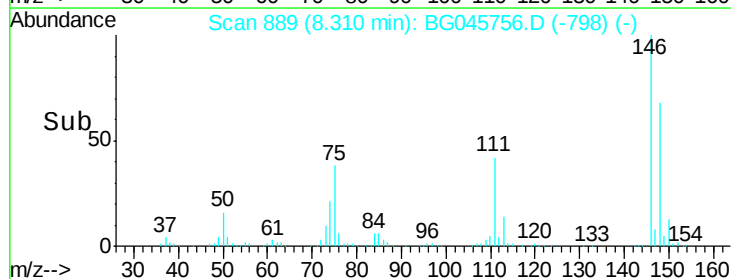
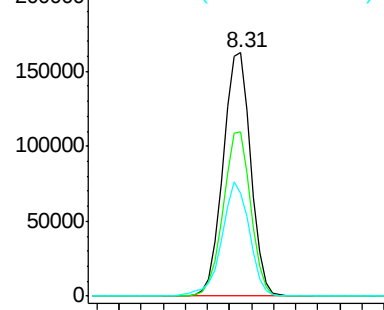
111 42.5 35.0 52.4

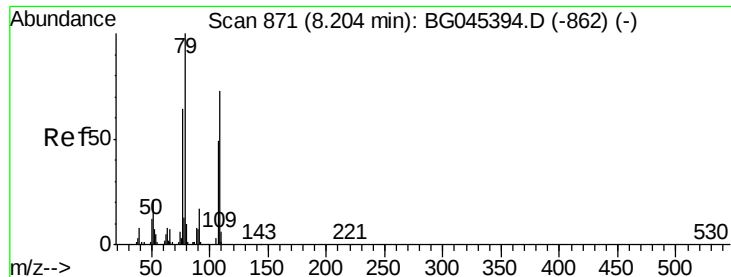


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

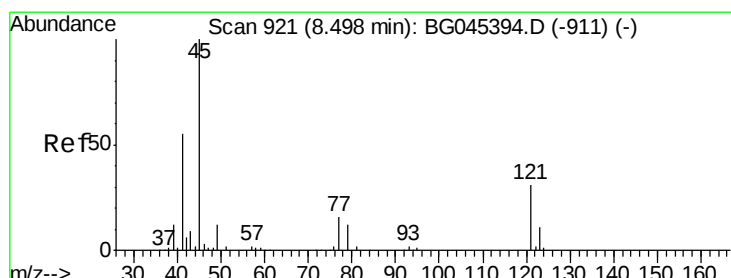
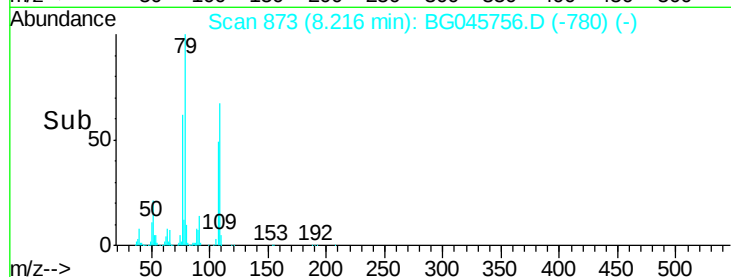
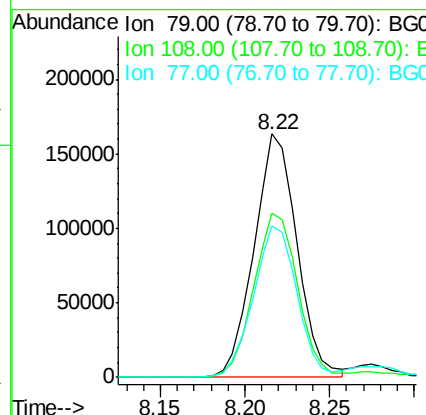
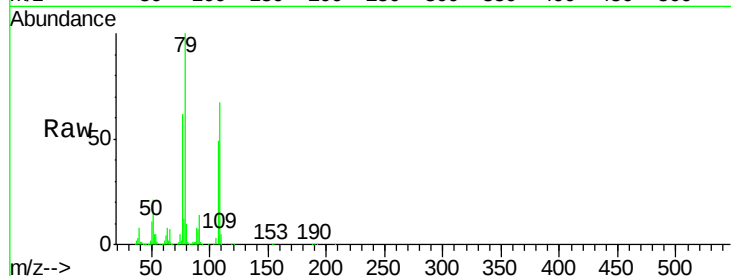




#15
Benzyl Alcohol
Concen: 46.877 ng
RT: 8.22 min Scan# 873
Delta R.T. 0.02 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

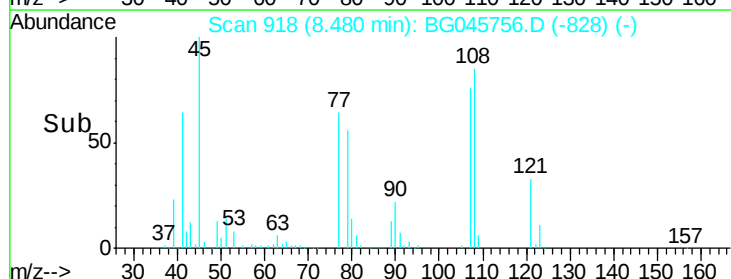
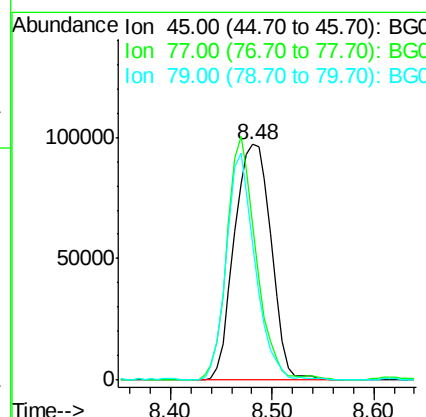
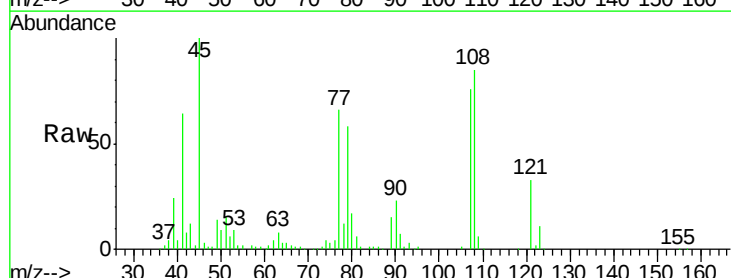
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

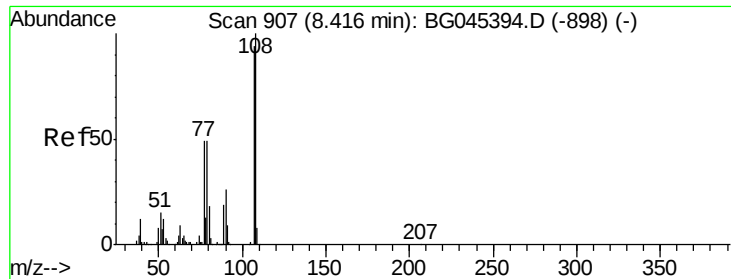
Tot Ion: 79 Resp: 287686
Ion Ratio Lower Upper
79 100
108 67.2 58.2 87.4
77 62.2 51.0 76.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.122 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Tgt Ion: 45 Resp: 244458
Ion Ratio Lower Upper
45 100
77 66.1 4.0 44.0#
79 57.7 0.0 38.6#

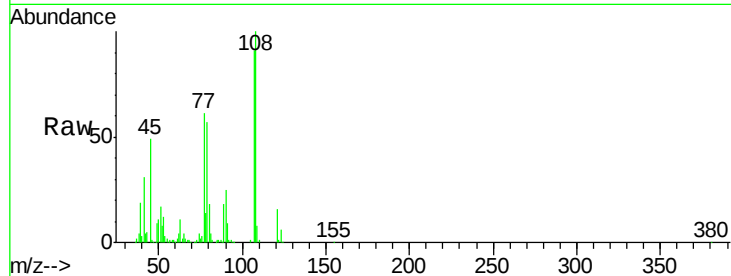




#17
2-Methylphenol
Concen: 46.721 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.05 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.5	85.2	127.8
77	66.7	41.6	62.4
79	62.0	41.8	62.8



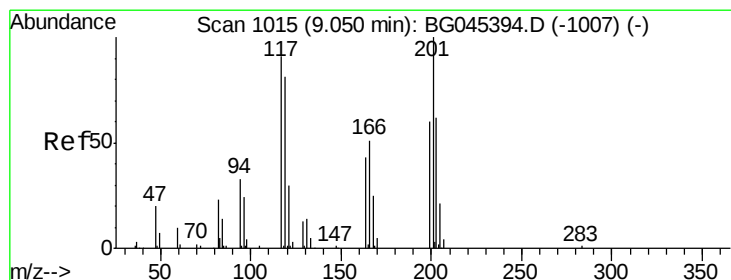
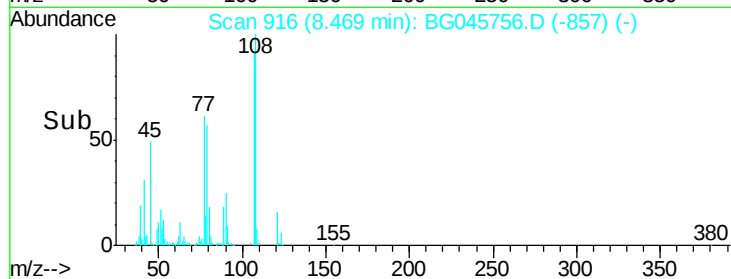
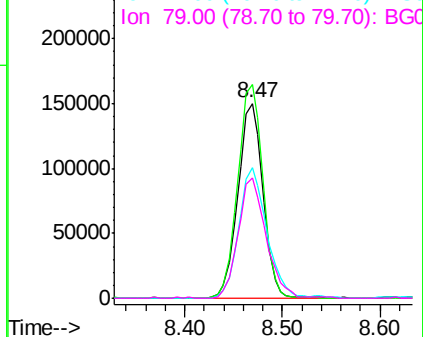
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

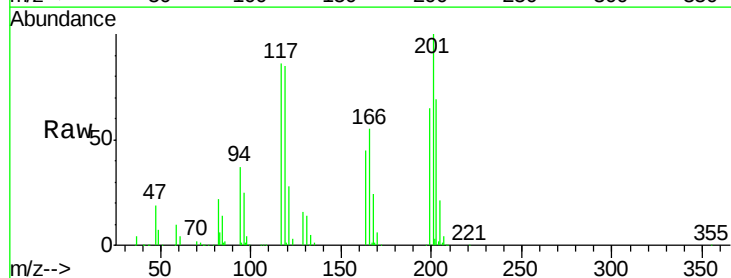
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 44.307 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	71.3	106.9
201	116.4	87.5	131.3

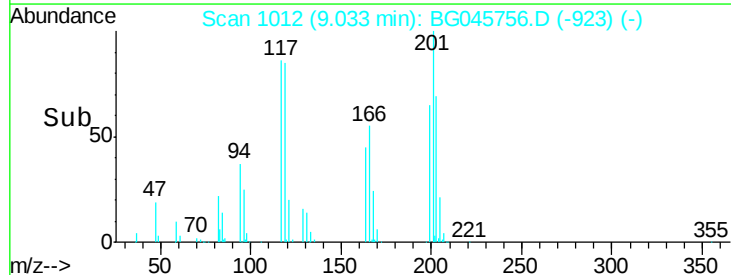
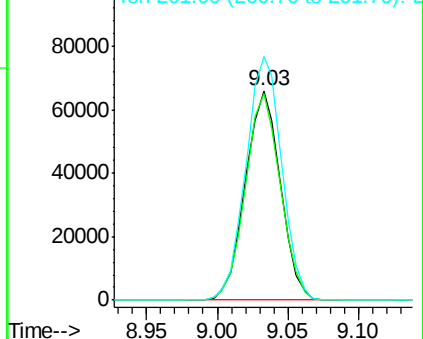


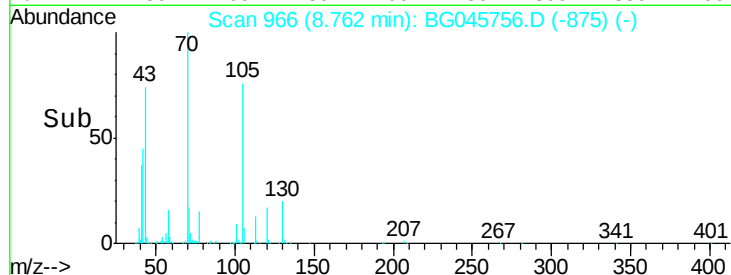
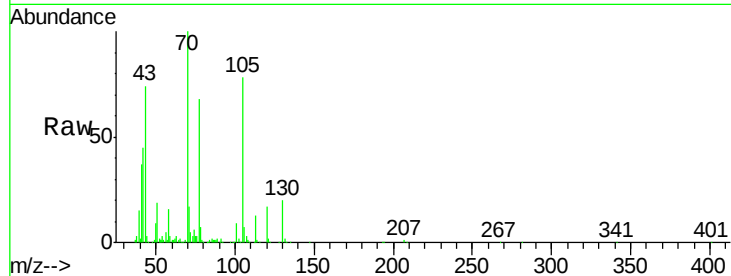
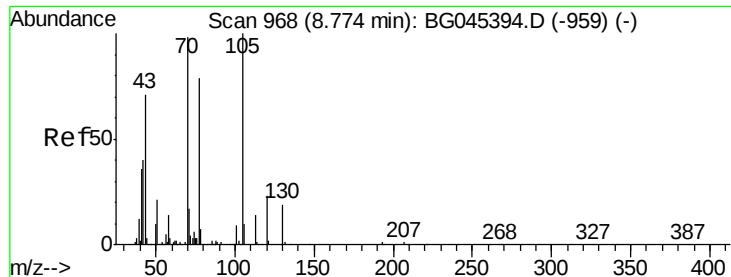
Abundance

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

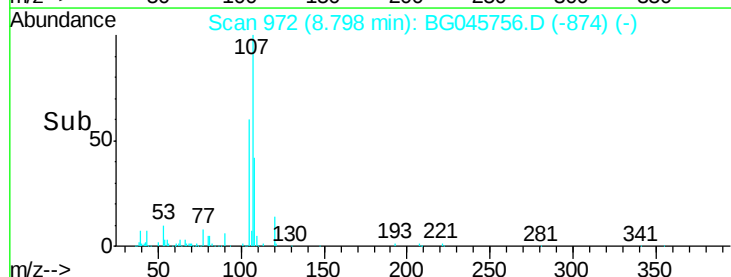
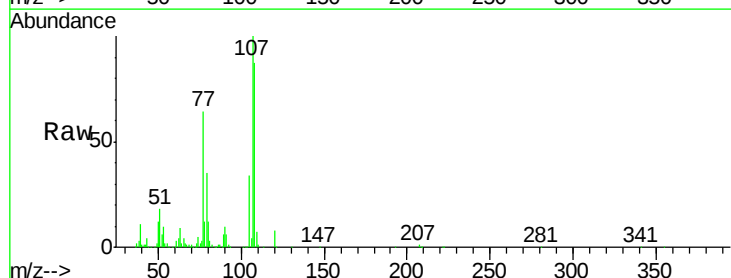
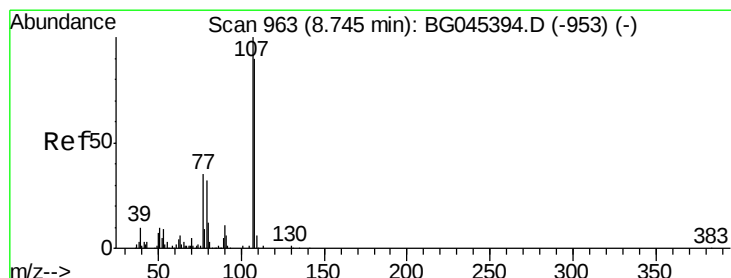
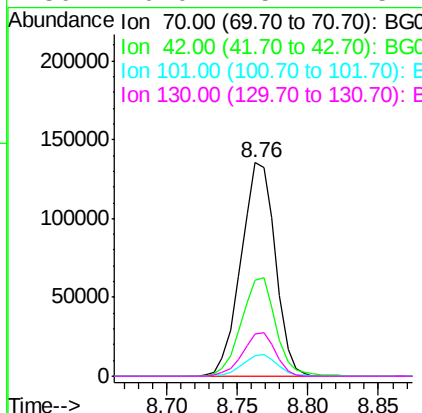




#19
n-Nitroso-di-n-propylamine
Concen: 44.985 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.01 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

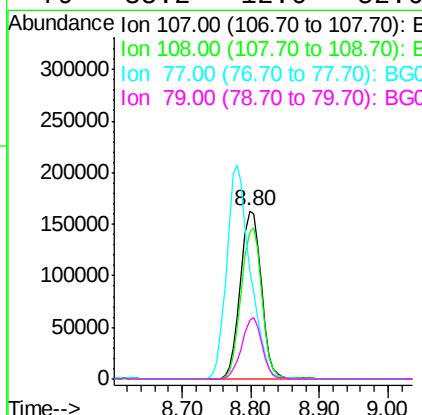
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

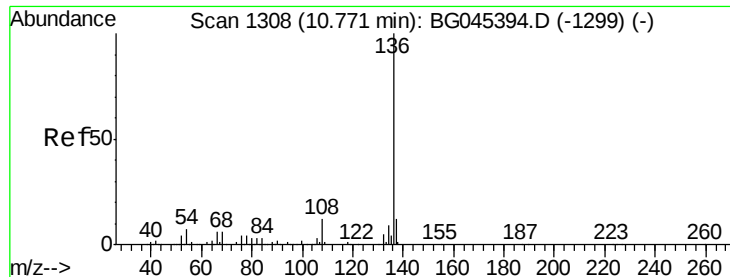
Tot Ion:	70	Resp:	231101
Ion	Ratio	Lower	Upper
70	100		
42	45.1	33.2	49.8
101	9.3	7.8	11.6
130	20.0	15.4	23.2



#20
3+4-Methylphenols
Concen: 44.701 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.05 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Tgt Ion:	107	Resp:	348845
Ion	Ratio	Lower	Upper
107	100		
108	87.1	70.3	110.3
77	64.0	15.4	55.4#
79	35.2	12.6	52.6

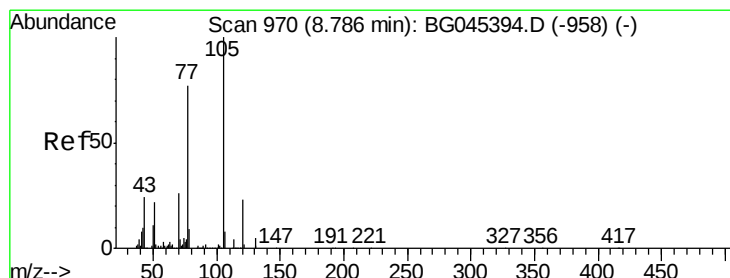
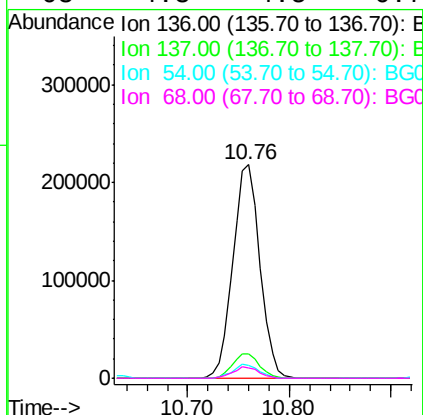
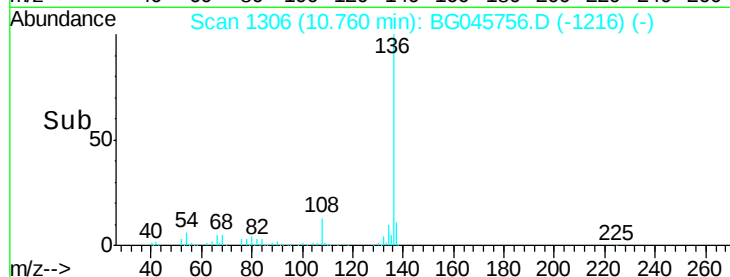
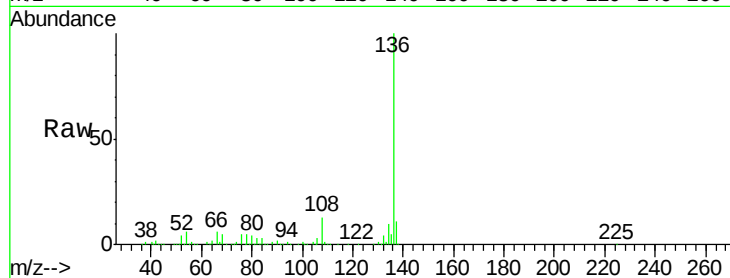




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

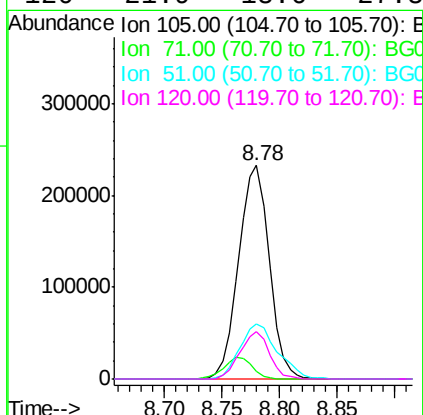
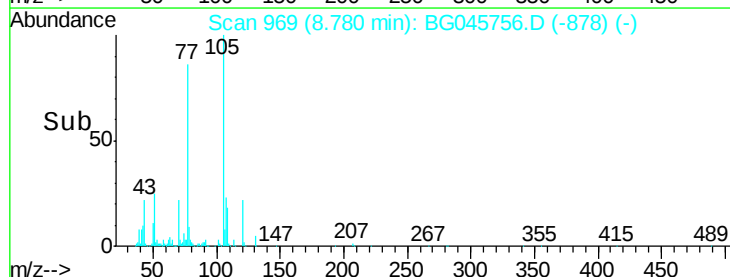
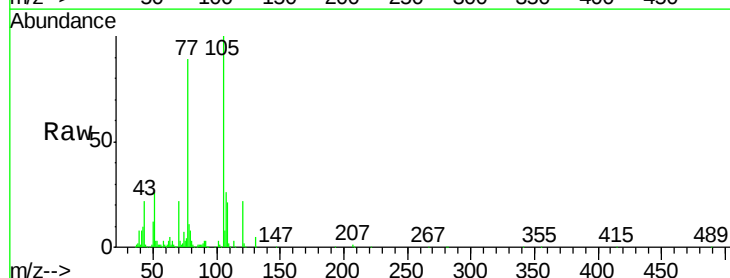
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

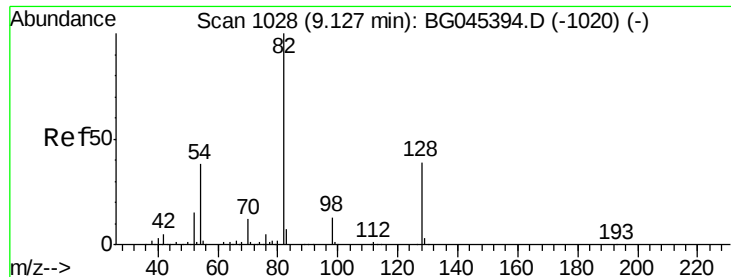
Tot Ion:136	Resp:	401866
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.4 14.2
54	5.8	5.8 8.6
68	4.8	4.5 6.7



#22
Acetophenone
Concen: 45.159 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.01 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Tgt Ion:105	Resp:	430122
Ion Ratio	Lower	Upper
105	100	
71	3.4	3.4 5.0
51	25.9	18.2 27.2
120	21.9	18.6 27.8

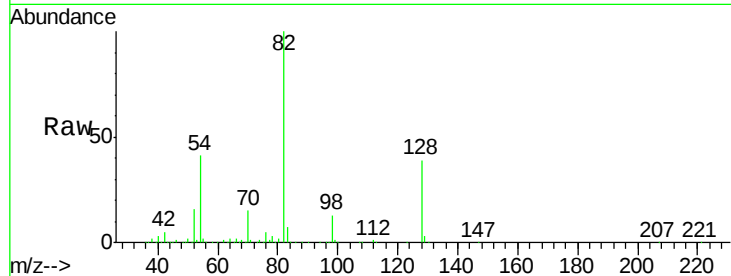




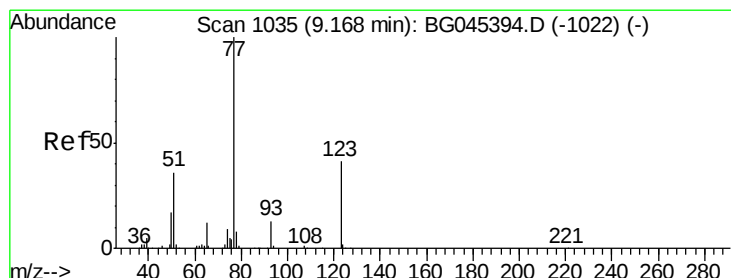
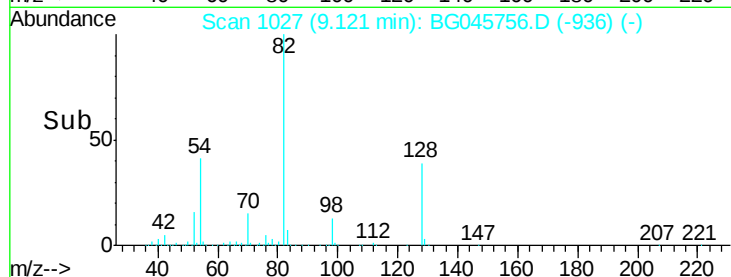
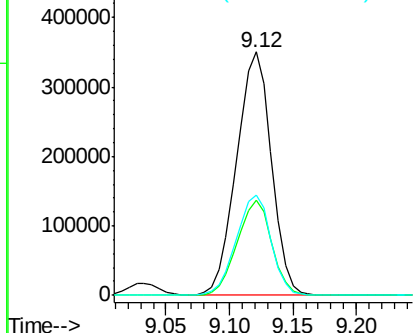
#23
Nitrobenzene-d5
Concen: 90.539 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	82	Resp	667221
Ion Ratio	100	Lower	Upper
128	38.9	30.9	46.3
54	41.4	30.3	45.5

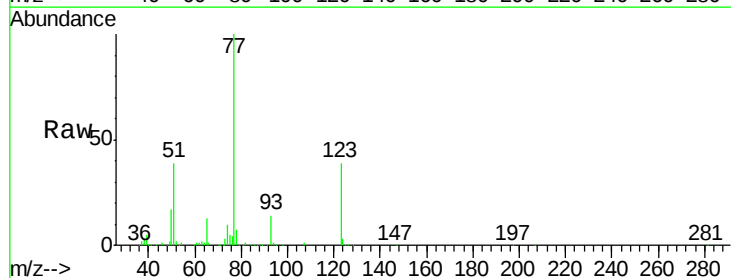


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

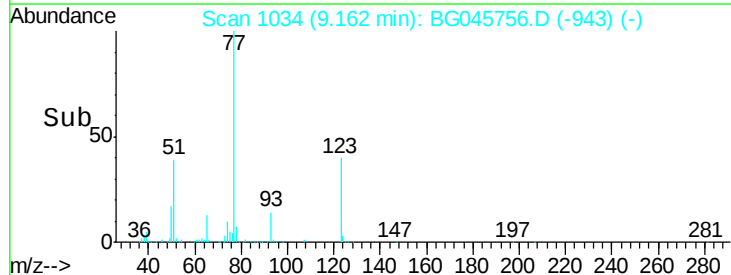
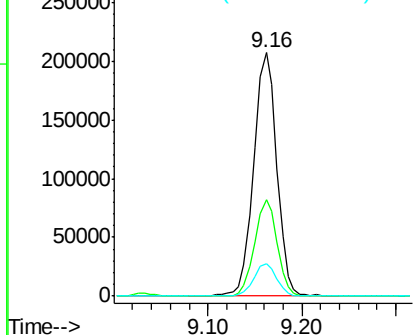


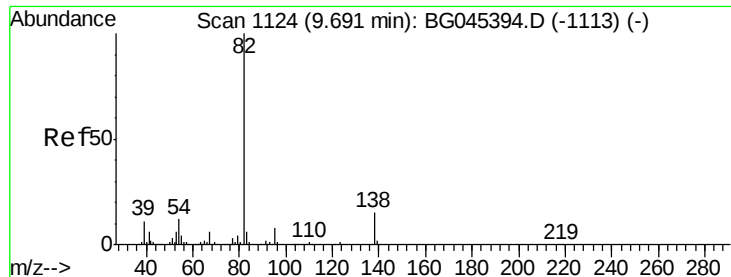
#24
Nitrobenzene
Concen: 44.914 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Tgt Ion	77	Resp	354621
Ion Ratio	100	Lower	Upper
123	39.4	32.9	49.3
65	13.3	9.4	14.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 43.073 ng

RT: 9.68 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

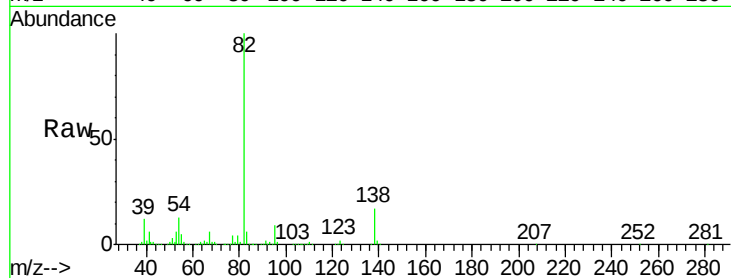
Tot Ion: 82 Resp: 625128

Ion Ratio Lower Upper

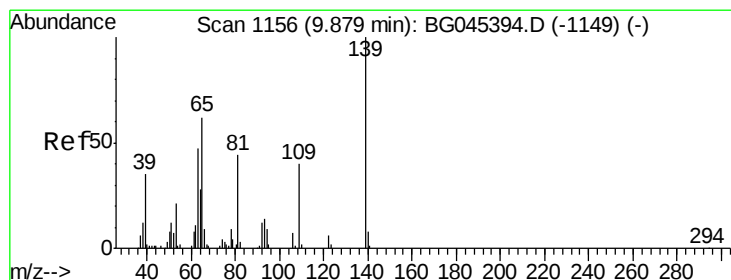
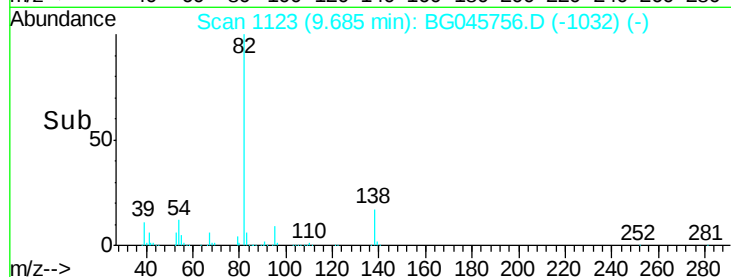
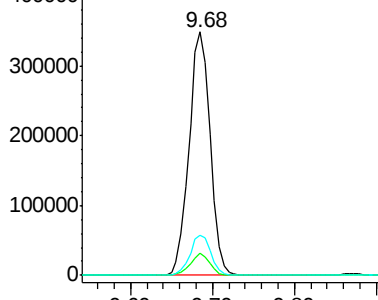
82 100

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: 45.665 ng

RT: 9.87 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

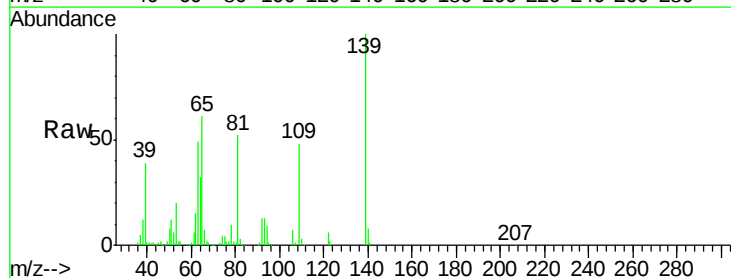
Tgt Ion: 139 Resp: 154238

Ion Ratio Lower Upper

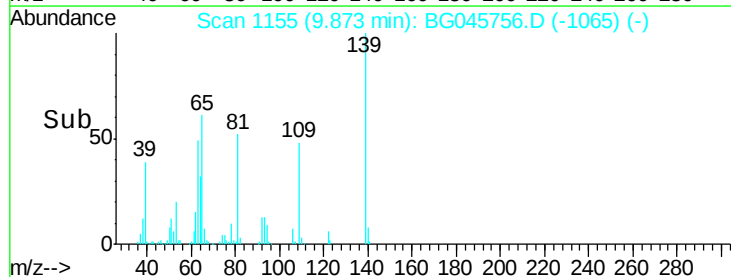
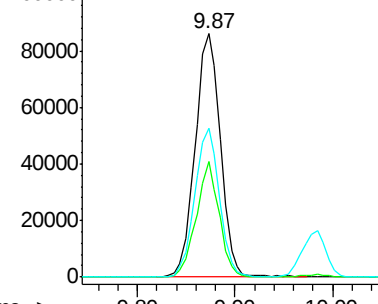
139 100

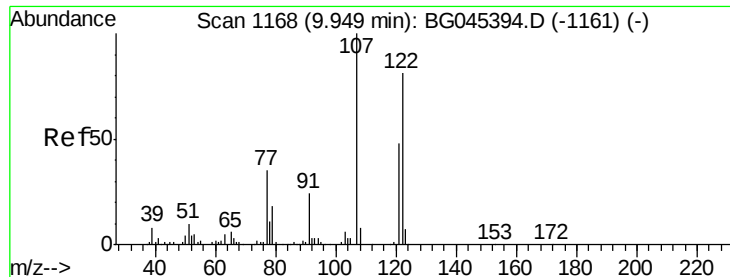
109 47.7 32.2 48.4

65 61.3 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

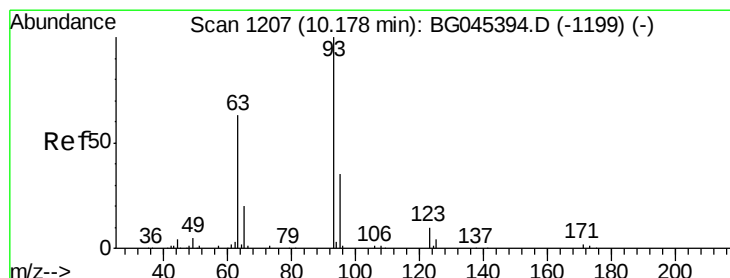
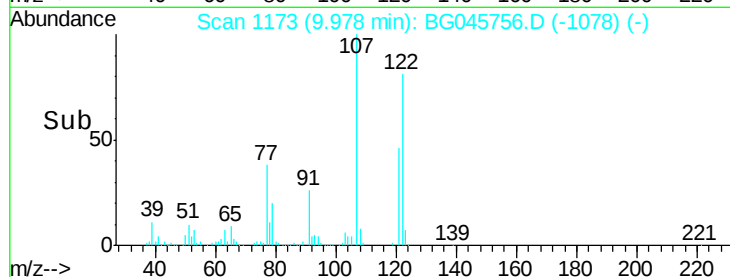
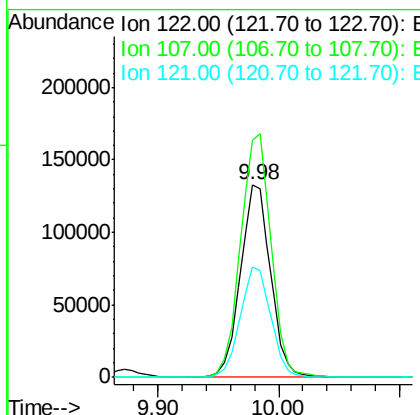
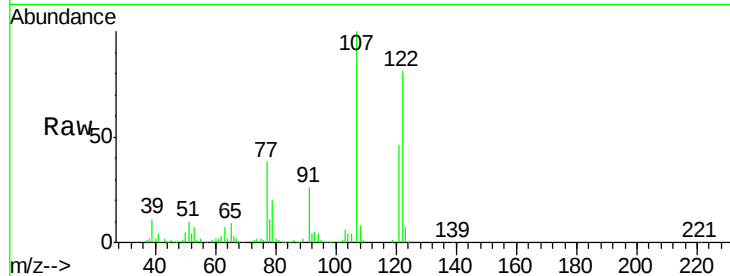




#27
 2,4-Dimethylphenol
 Concen: 46.246 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. 0.03 min
 Lab File: BG045756.D
 Acq: 13 Jun 2020 1:26

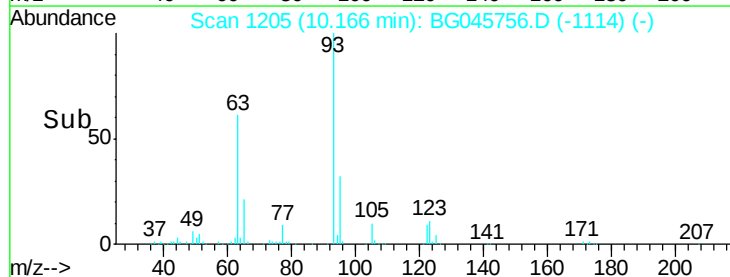
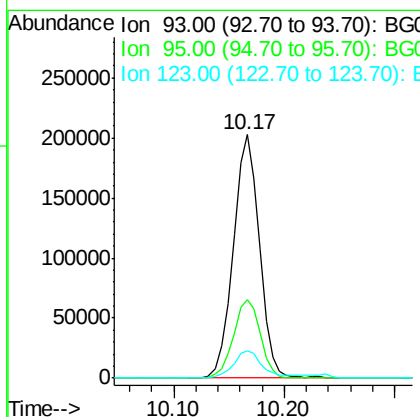
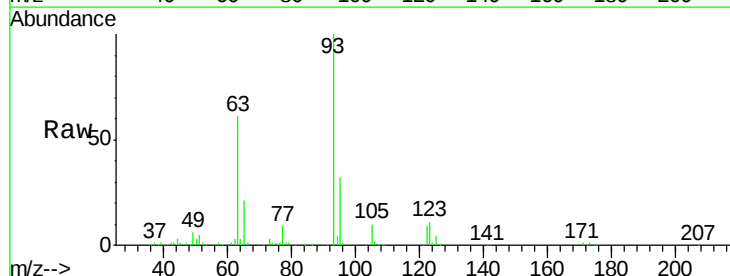
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:122 Resp: 231668
 Ion Ratio Lower Upper
 122 100
 107 123.0 99.0 148.4
 121 57.1 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.266 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BG045756.D
 Acq: 13 Jun 2020 1:26

Tgt Ion: 93 Resp: 336918
 Ion Ratio Lower Upper
 93 100
 95 32.0 27.6 41.4
 123 11.2 8.1 12.1

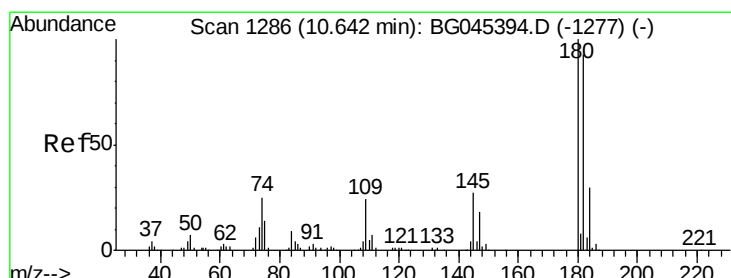
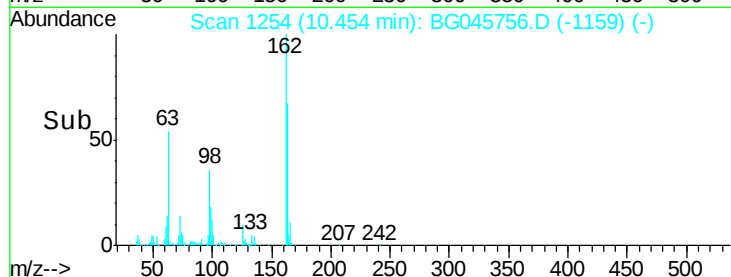
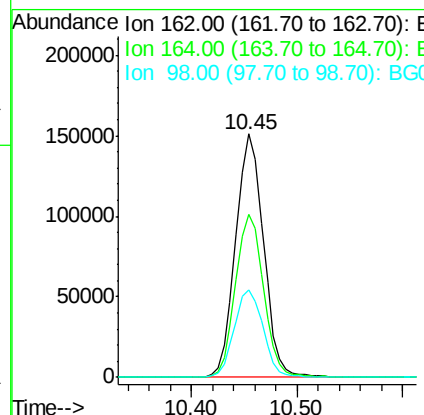
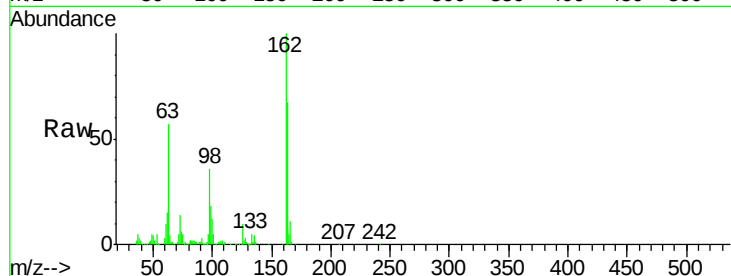




#29
 2,4-Dichlorophenol
 Concen: 46.669 ng
 RT: 10.45 min Scan# 1254
 Delta R.T. 0.03 min
 Lab File: BG045756.D
 Acq: 13 Jun 2020 1:26

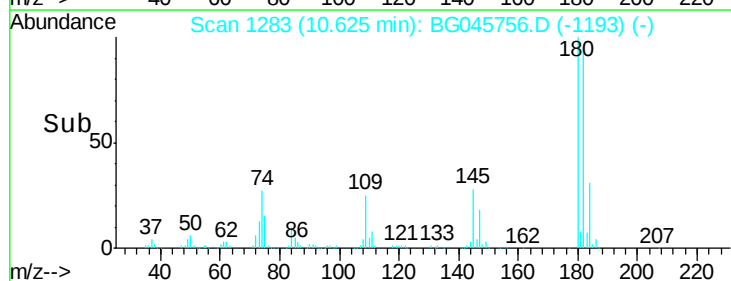
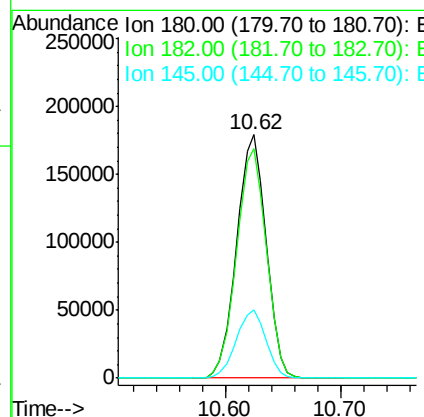
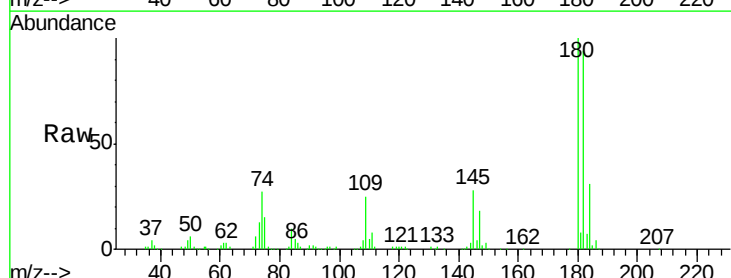
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

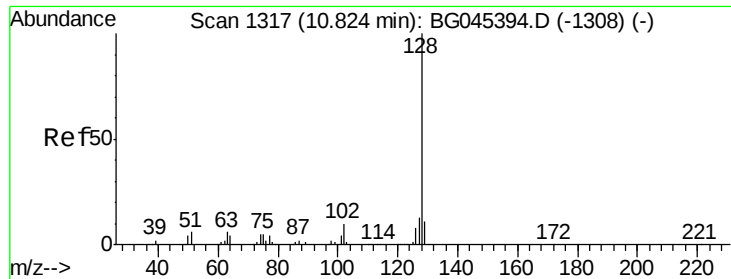
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.9	46.8	86.8
98	35.8	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 45.341 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045756.D
 Acq: 13 Jun 2020 1:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	74.8	112.2
145	28.0	21.9	32.9

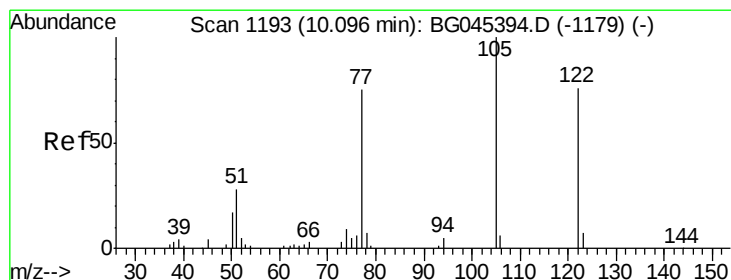
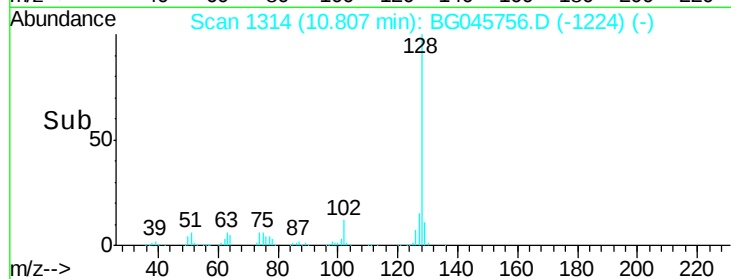
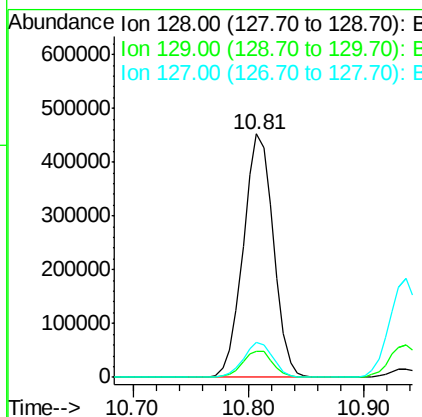
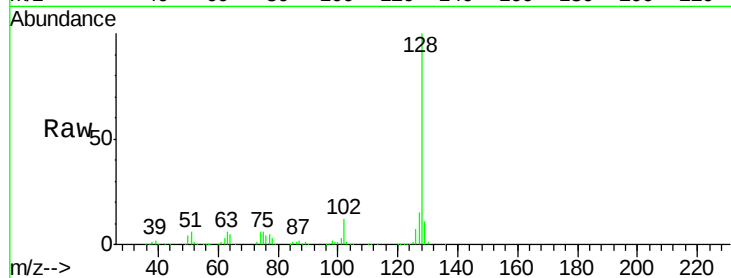




#31
Naphthalene
Concen: 43.712 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

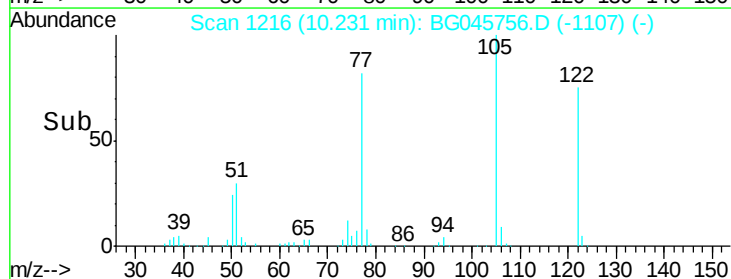
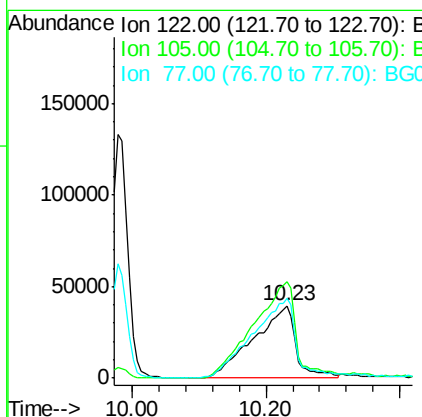
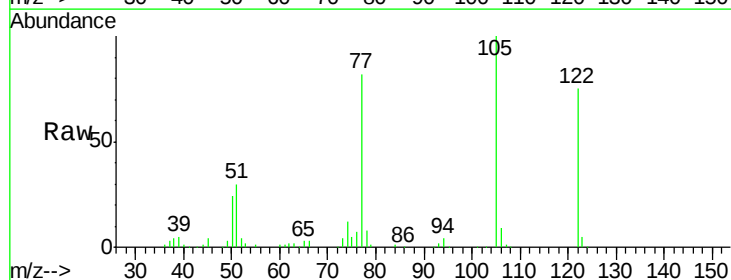
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

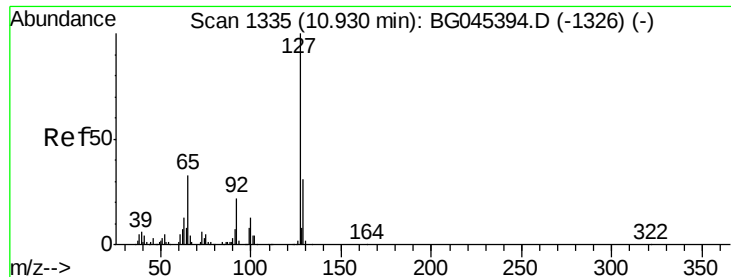
Tot Ion:128 Resp: 818589
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 14.6 10.7 16.1



#32
Benzoic acid
Concen: 50.745 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.11 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Tgt Ion:122 Resp: 175360
Ion Ratio Lower Upper
122 100
105 132.9 107.9 147.9
77 109.5 78.9 118.9

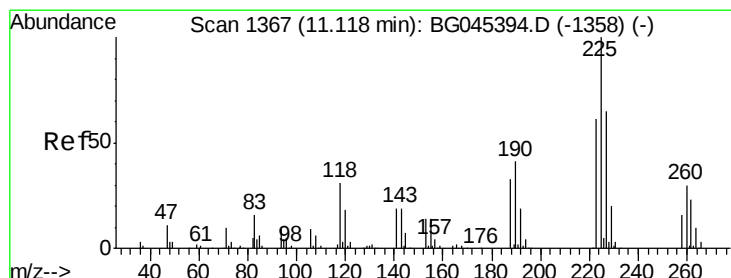
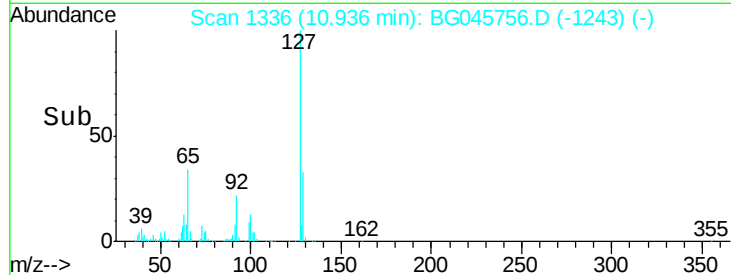
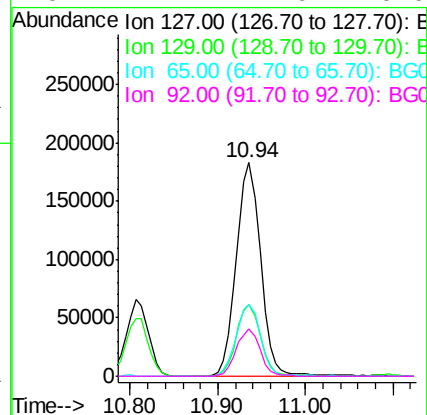
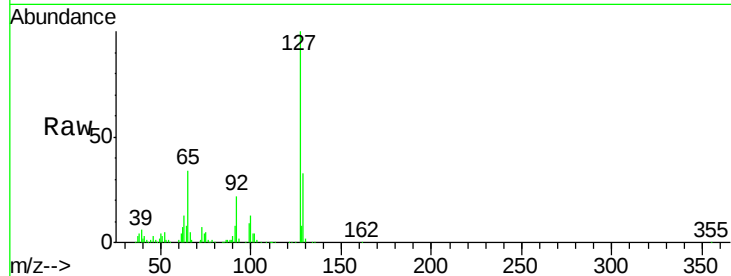




#33
4-Chloroaniline
Concen: 44.058 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.02 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

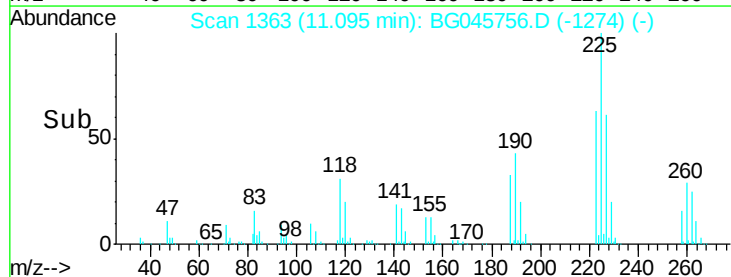
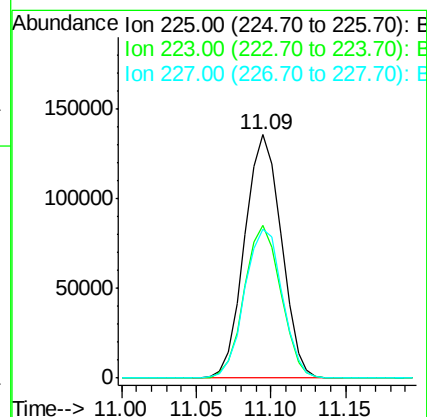
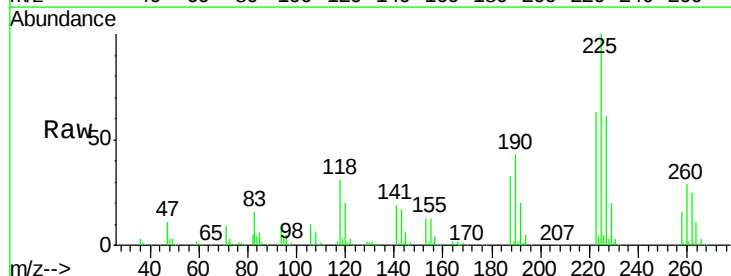
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:127 Resp: 344876
Ion Ratio Lower Upper
127 100
129 33.4 24.7 37.1
65 33.8 26.2 39.2
92 22.4 17.9 26.9



#34
Hexachlorobutadiene
Concen: 46.703 ng
RT: 11.09 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Tgt Ion:225 Resp: 230767
Ion Ratio Lower Upper
225 100
223 62.5 49.1 73.7
227 61.3 52.0 78.0





#35

Caprolactam

Concen: 41.458 ng

RT: 11.74 min Scan# 1473

Delta R.T. 0.05 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

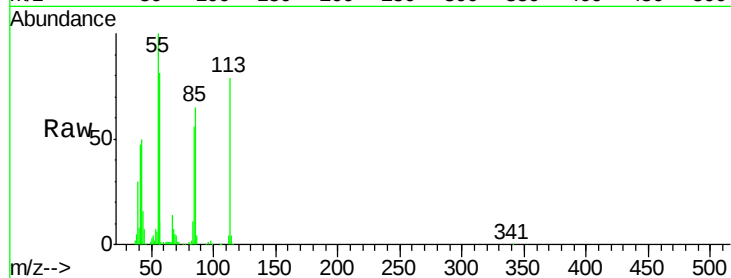
Tot Ion:113 Resp: 90020

Ion Ratio Lower Upper

113 100

55 126.7 96.0 136.0

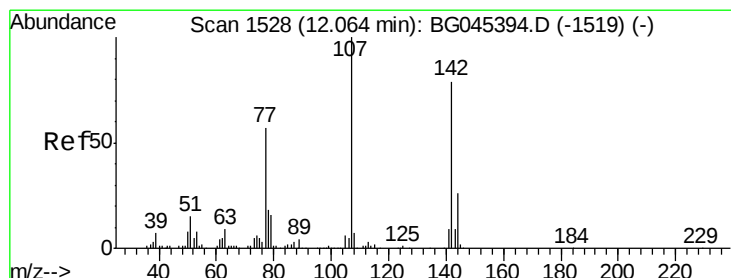
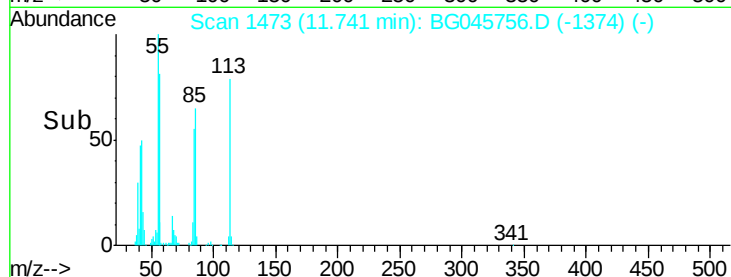
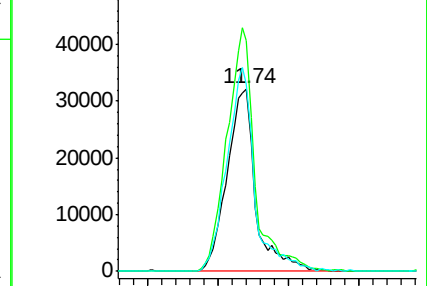
56 102.9 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.442 ng

RT: 12.12 min Scan# 1538

Delta R.T. 0.05 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

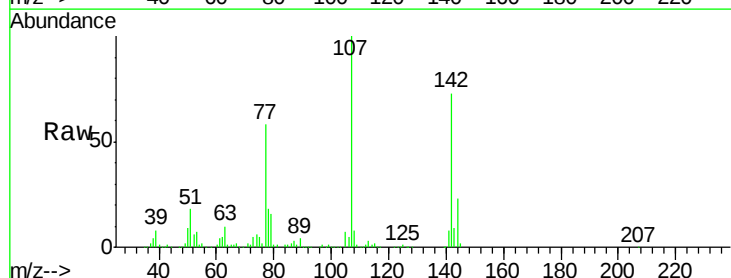
Tgt Ion:107 Resp: 309582

Ion Ratio Lower Upper

107 100

144 23.5 20.8 31.2

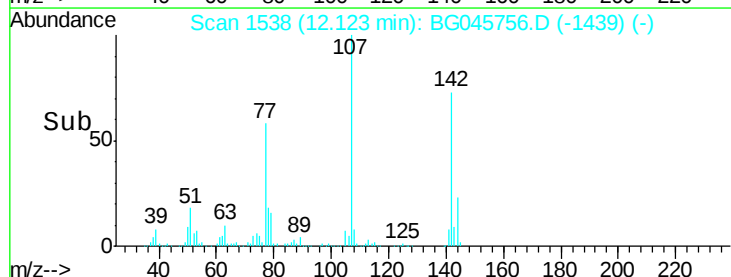
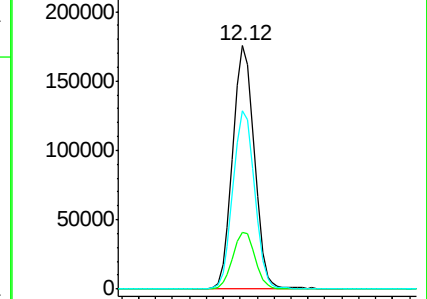
142 73.1 62.8 94.2

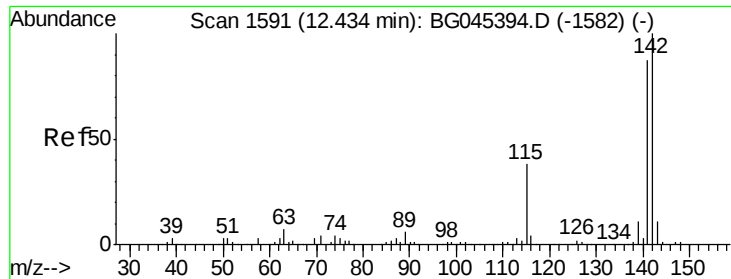


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

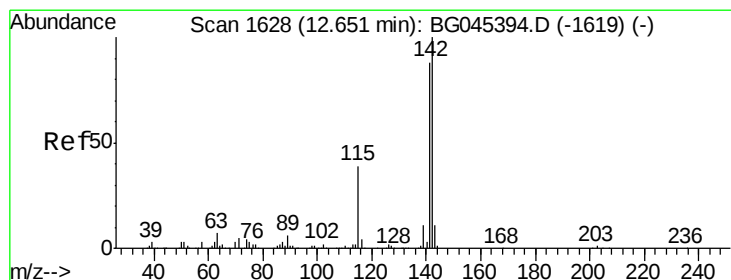
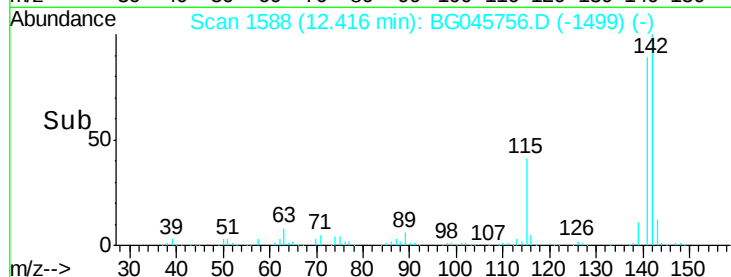
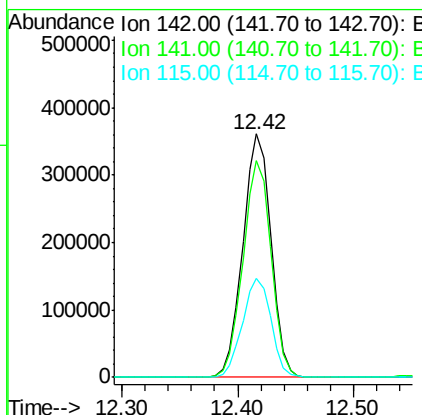
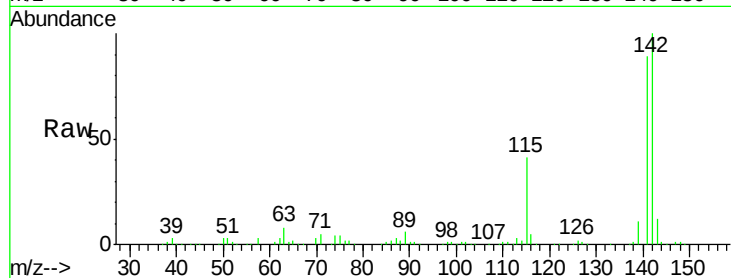




#37
2-Methylnaphthalene
Concen: 43.927 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

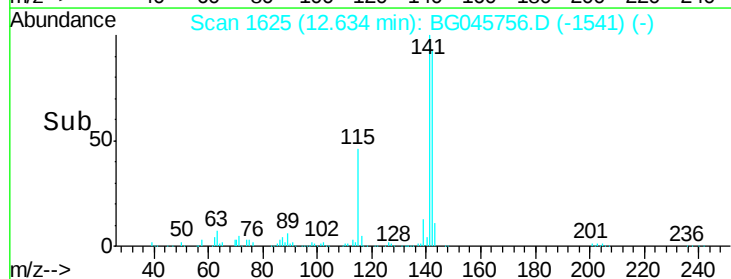
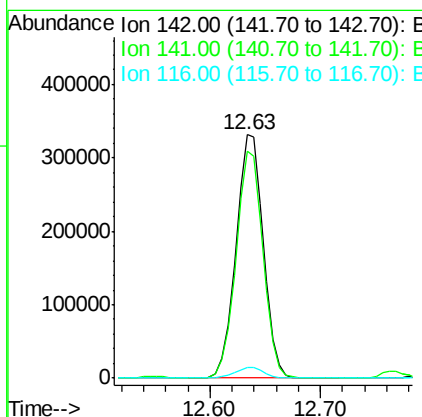
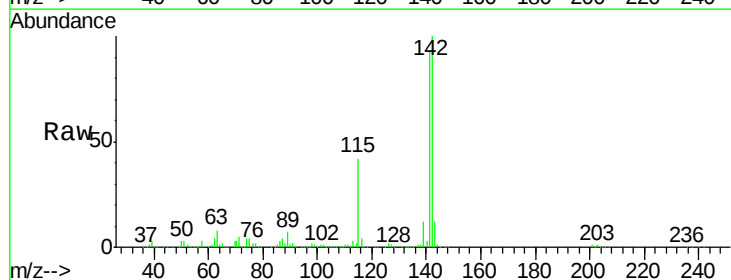
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

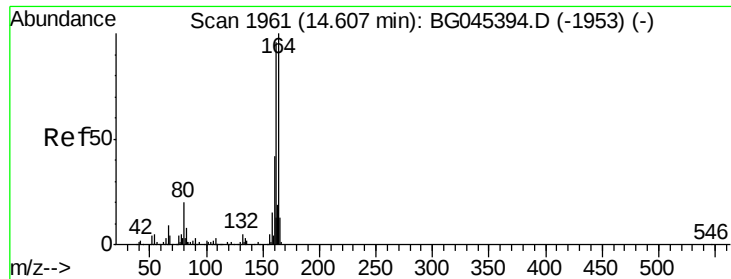
Tot Ion:142 Resp: 613122
Ion Ratio Lower Upper
142 100
141 89.2 70.0 105.0
115 40.8 30.8 46.2



#38
1-Methylnaphthalene
Concen: 43.491 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Tgt Ion:142 Resp: 573418
Ion Ratio Lower Upper
142 100
141 93.5 70.8 106.2
116 4.5 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: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

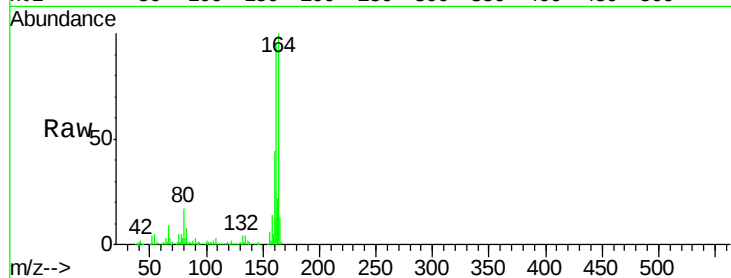
Tot Ion:164 Resp: 276266

Ion Ratio Lower Upper

164 100

162 95.3 76.9 115.3

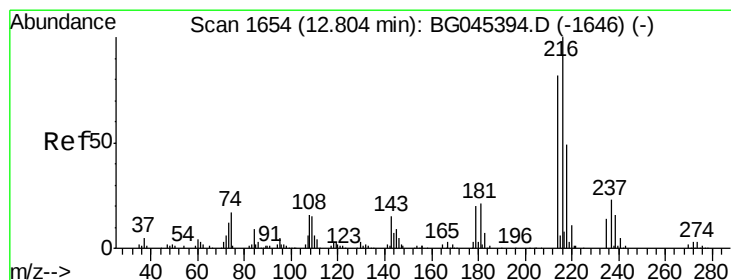
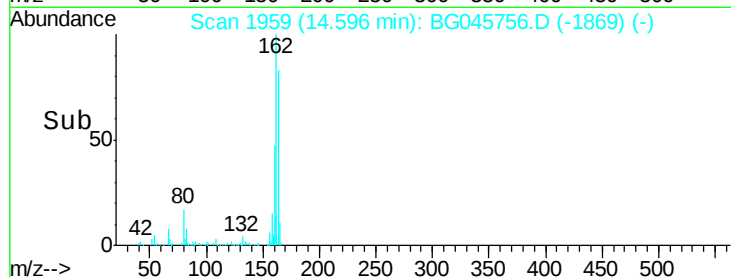
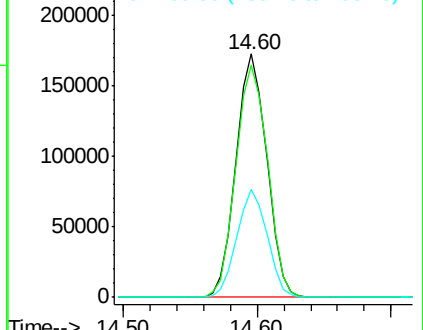
160 44.4 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.391 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Tgt Ion:216 Resp: 350257

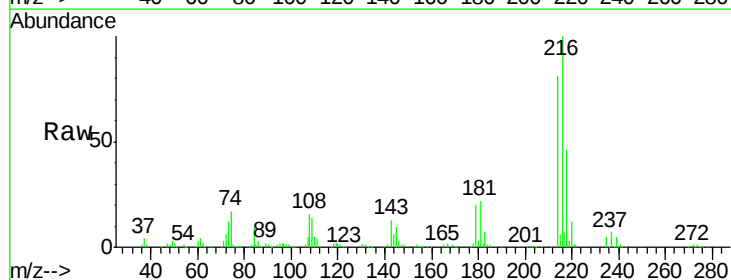
Ion Ratio Lower Upper

216 100

214 79.7 63.7 95.5

179 19.7 16.1 24.1

108 17.1 13.8 20.6

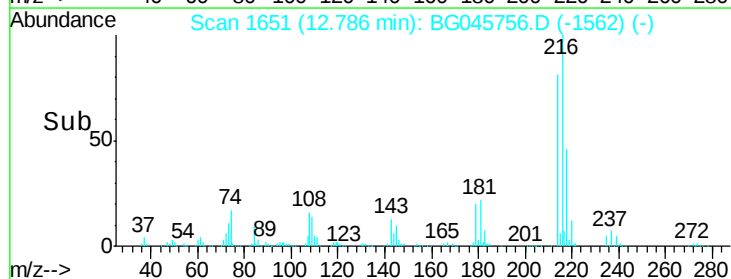
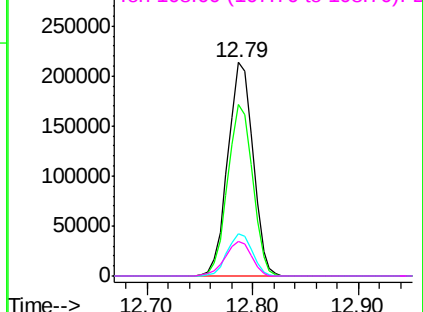


Abundance Ion 216.00 (215.70 to 216.70): E

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

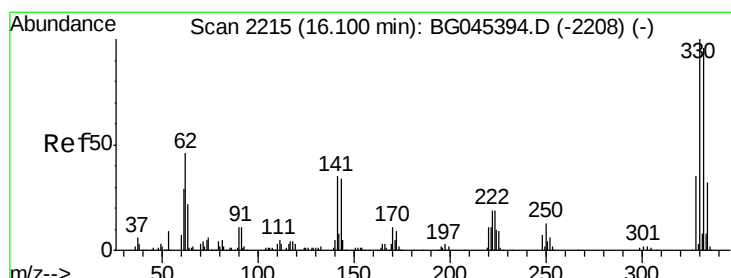
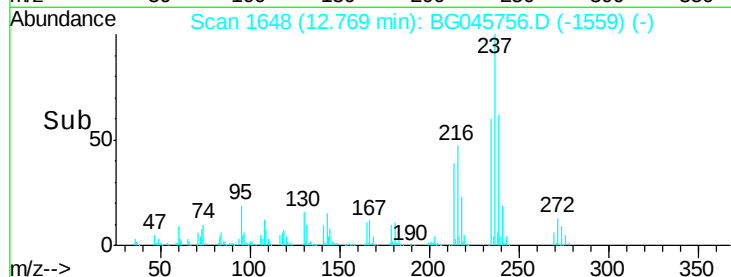
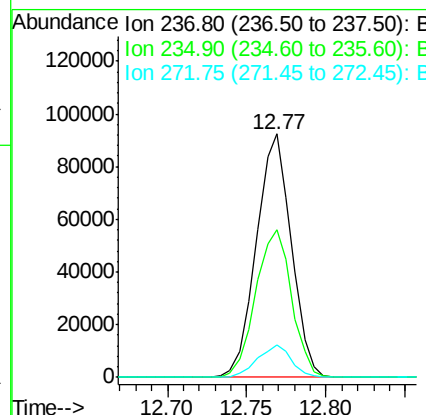
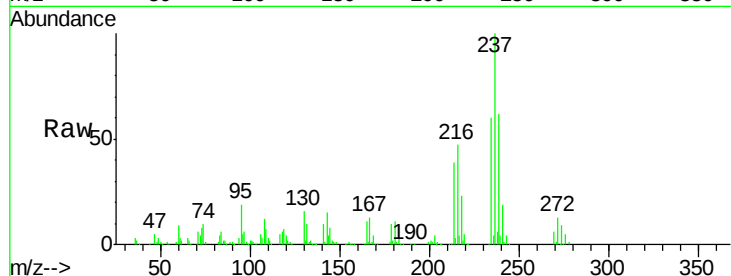




#41
Hexachlorocyclopentadiene
Concen: 31.793 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

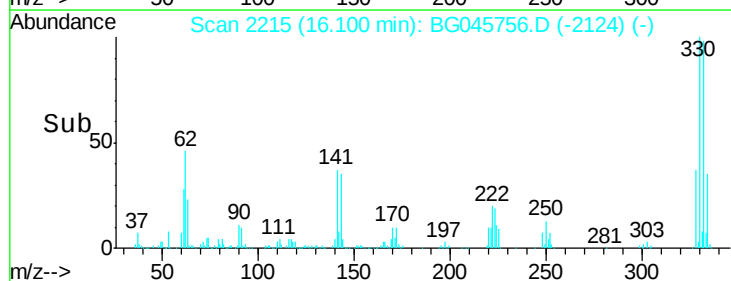
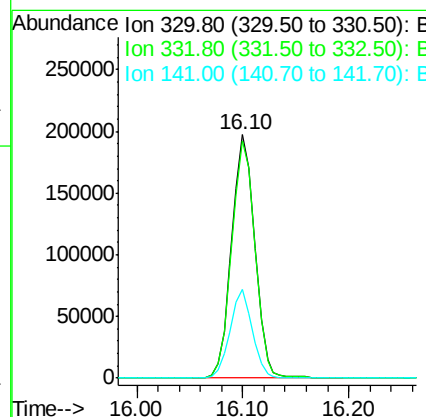
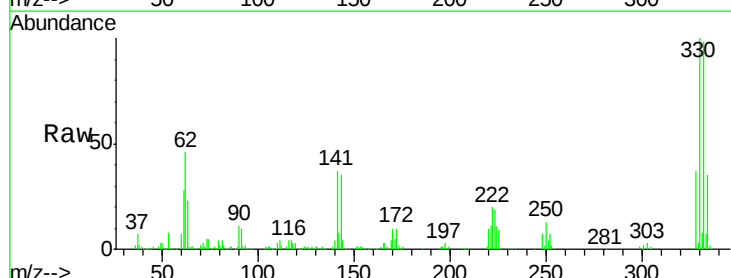
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

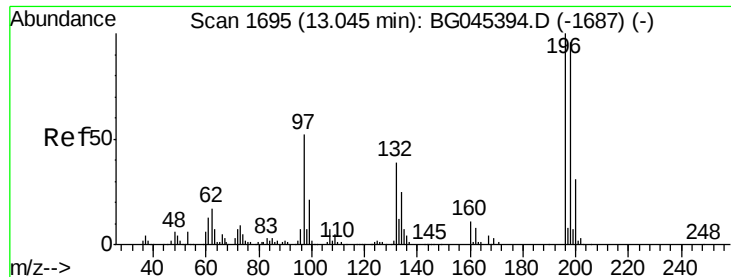
Tot Ion:237 Resp: 141602
Ion Ratio Lower Upper
237 100
235 60.4 44.4 84.4
272 13.2 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 84.738 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Tgt Ion:330 Resp: 299391
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.4
141 35.3 28.2 42.4

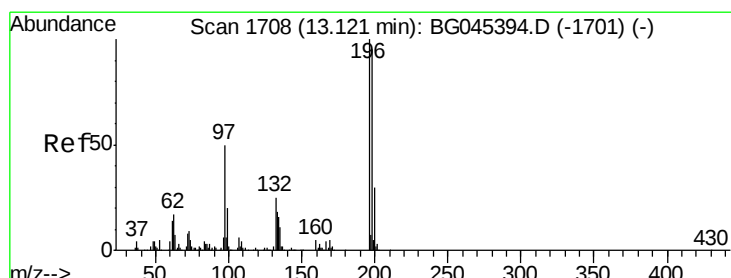
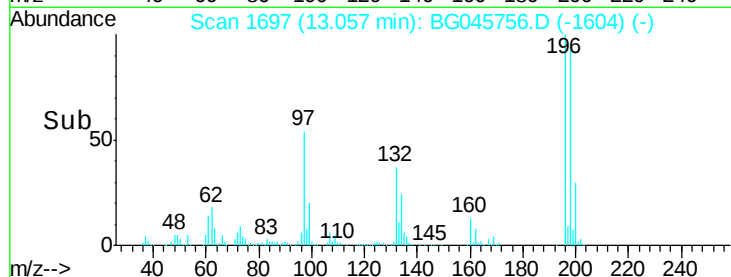
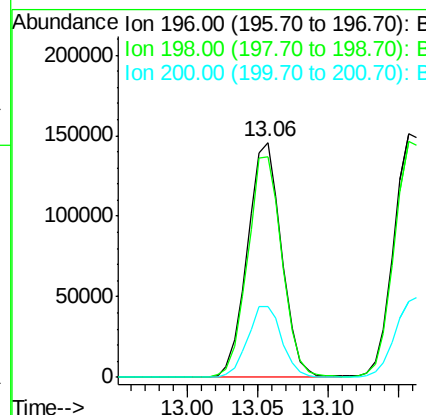
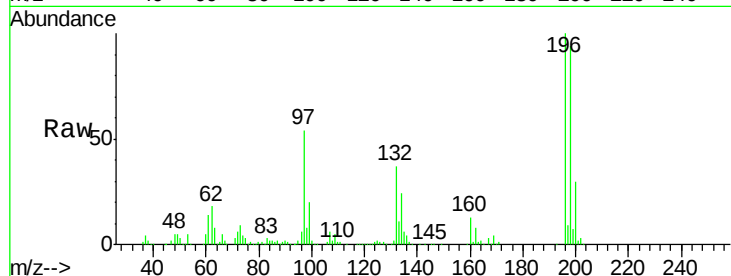




#43
 2,4,6-Trichlorophenol
 Concen: 46.031 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.02 min
 Lab File: BG045756.D
 Acq: 13 Jun 2020 1:26

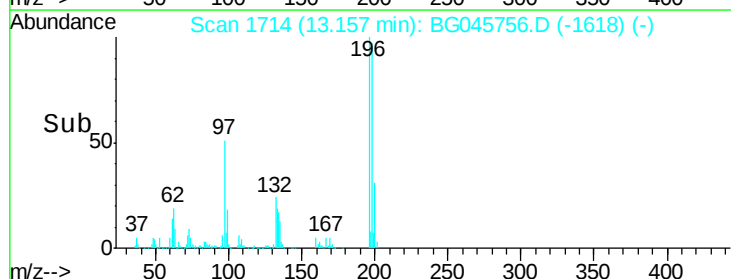
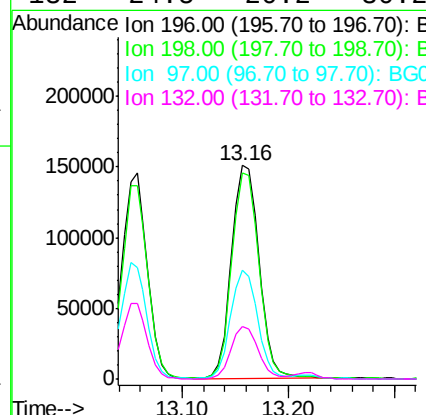
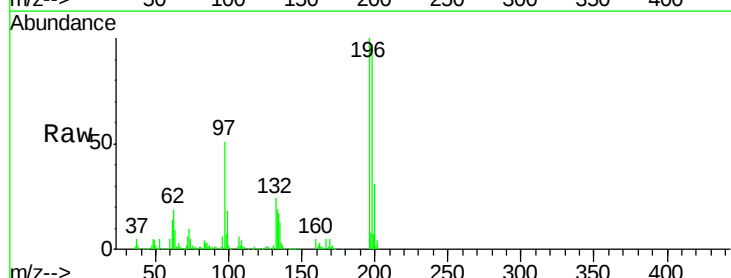
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

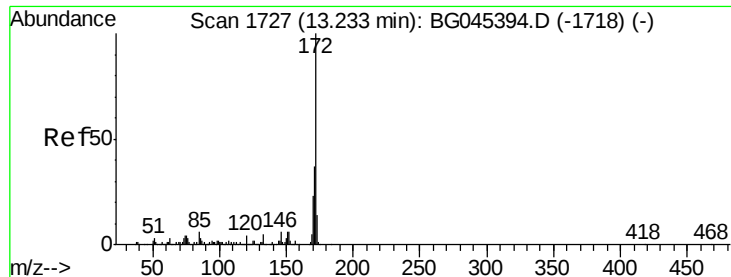
Tot Ion:196 Resp: 246744
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.7 115.1
 200 30.4 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.551 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.04 min
 Lab File: BG045756.D
 Acq: 13 Jun 2020 1:26

Tgt Ion:196 Resp: 272896
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.1 114.1
 97 50.7 40.0 60.0
 132 24.5 20.2 30.2

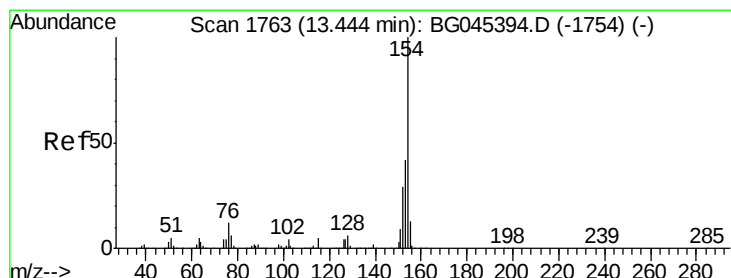
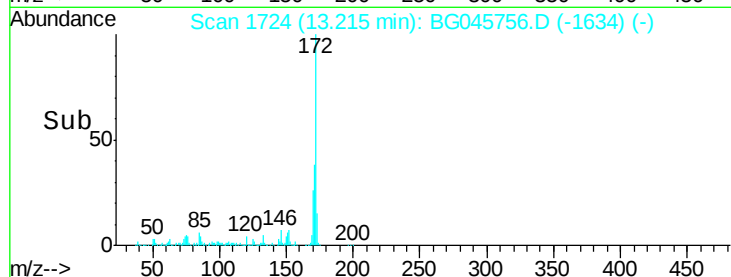
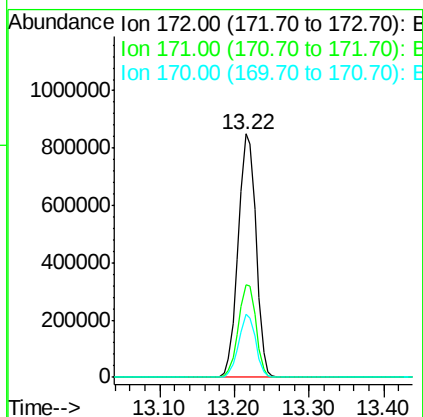
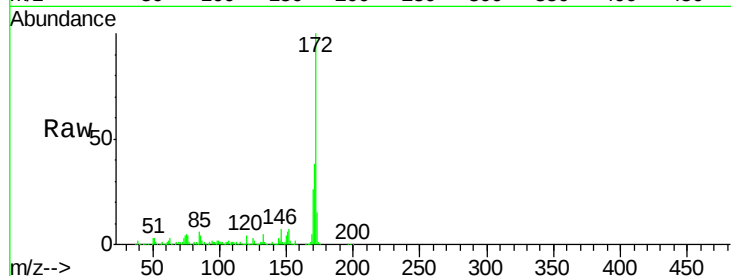




#45
 2-Fluorobiphenyl
 Concen: 86.176 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045756.D
 Acq: 13 Jun 2020 1:26

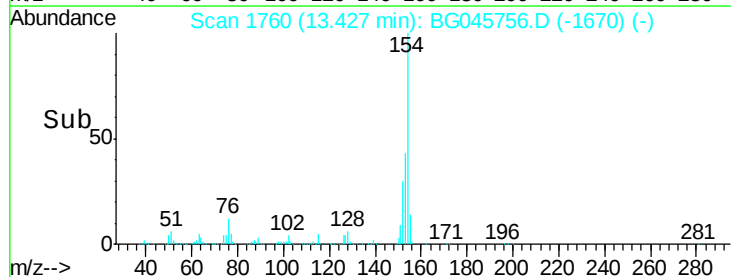
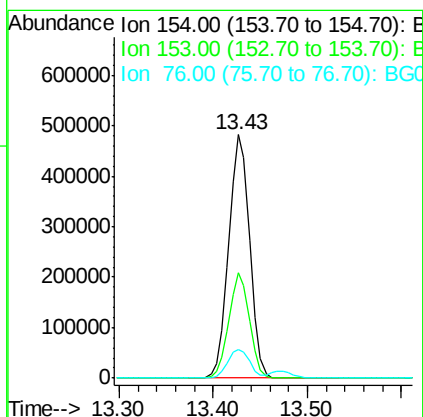
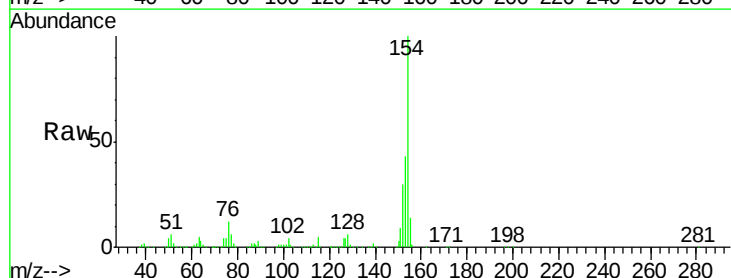
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

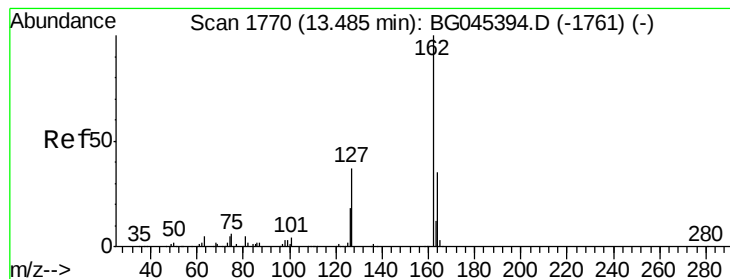
Tot Ion:172 Resp: 1403566
 Ion Ratio Lower Upper
 172 100
 171 38.3 29.5 44.3
 170 25.9 18.5 27.7



#46
 1,1'-Biphenyl
 Concen: 43.727 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. 0.00 min
 Lab File: BG045756.D
 Acq: 13 Jun 2020 1:26

Tgt Ion:154 Resp: 742277
 Ion Ratio Lower Upper
 154 100
 153 43.2 22.2 62.2
 76 12.0 0.0 32.4





#47

2-Chloronaphthalene

Concen: 43.655 ng

RT: 13.47 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

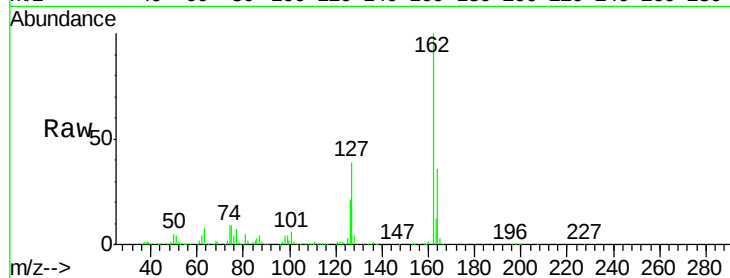
Tot Ion:162 Resp: 601761

Ion Ratio Lower Upper

162 100

127 39.5 31.6 47.4

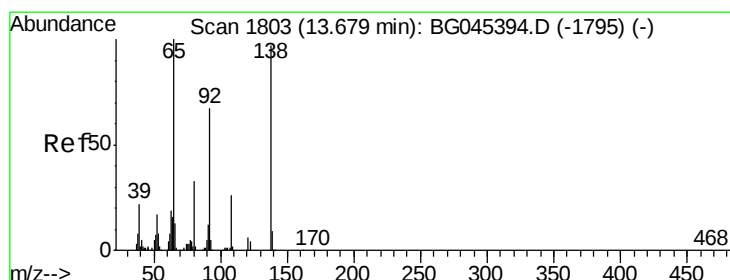
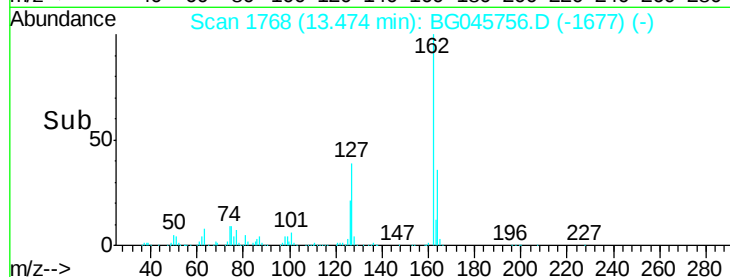
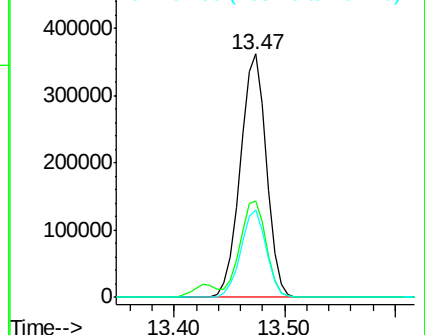
164 35.8 28.1 42.1



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: 45.197 ng

RT: 13.69 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

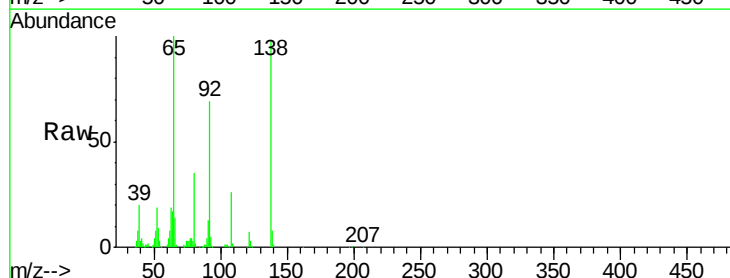
Tgt Ion: 65 Resp: 204938

Ion Ratio Lower Upper

65 100

92 68.9 53.8 80.8

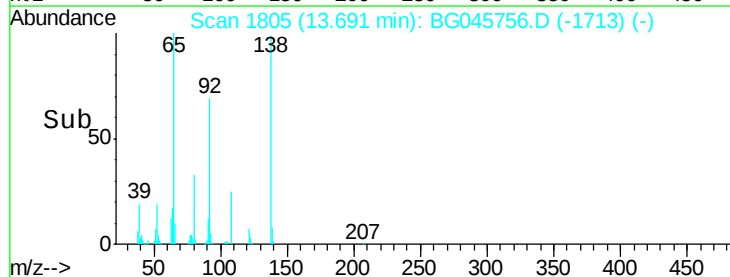
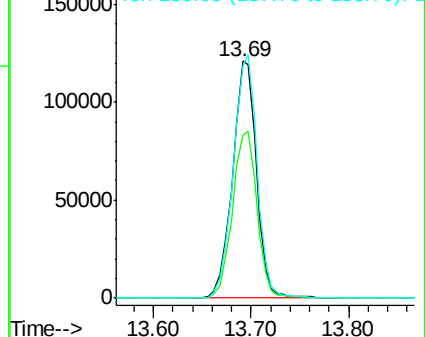
138 97.9 77.9 116.9

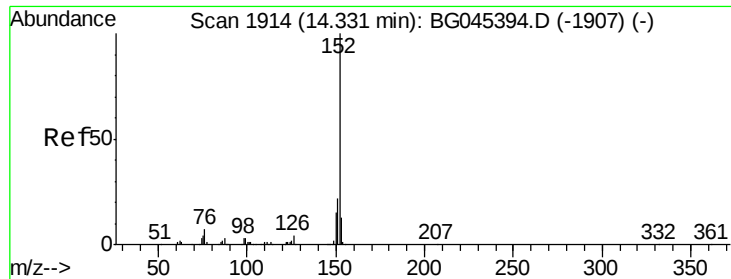


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.571 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

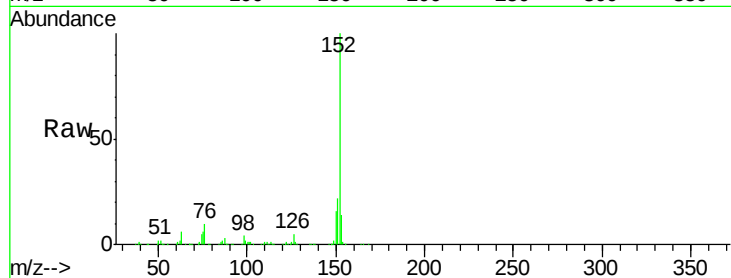
Tot Ion:152 Resp: 942576

Ion Ratio Lower Upper

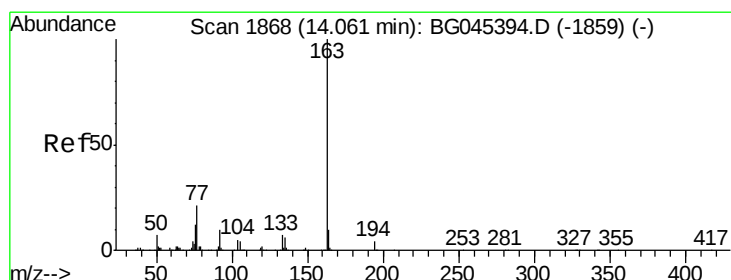
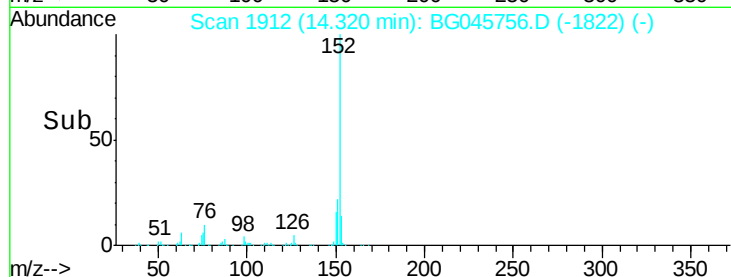
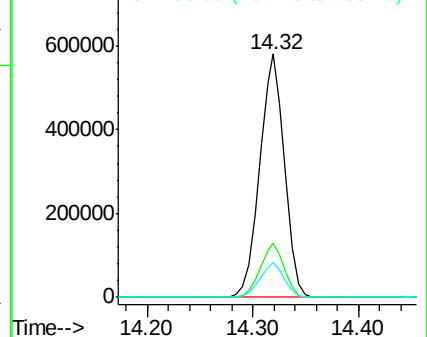
152 100

151 22.1 17.4 26.2

153 14.1 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: 41.372 ng

RT: 14.06 min Scan# 1868

Delta R.T. 0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

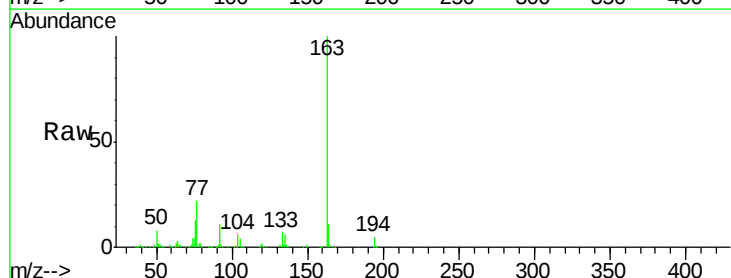
Tgt Ion:163 Resp: 784067

Ion Ratio Lower Upper

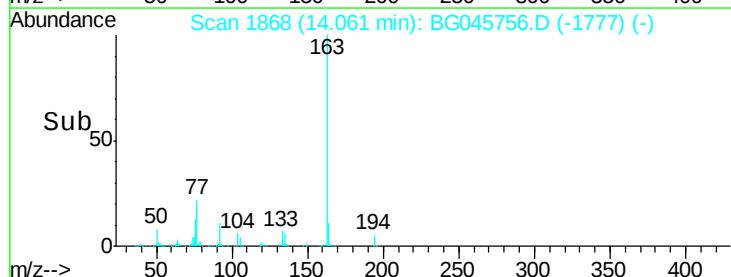
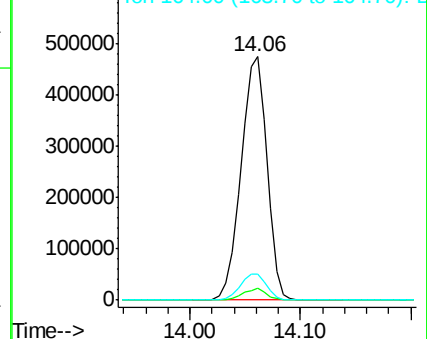
163 100

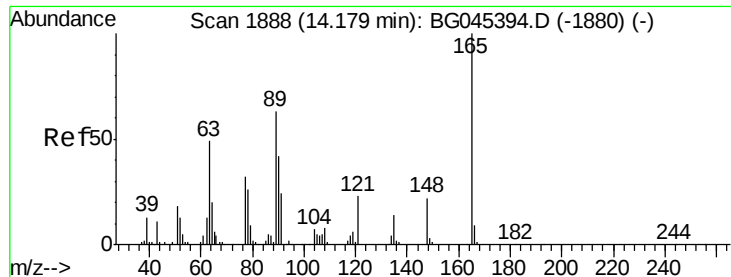
194 4.7 3.2 4.8

164 10.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.488 ng

RT: 14.18 min Scan# 1888

Delta R.T. 0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

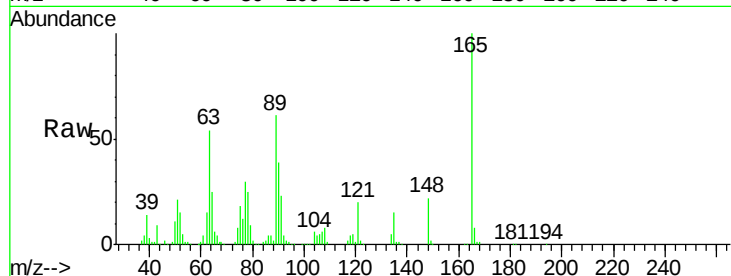
Tot Ion:165 Resp: 181696

Ion Ratio Lower Upper

165 100

63 54.0 45.0 67.4

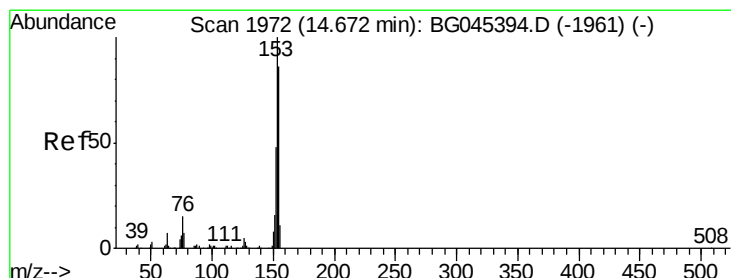
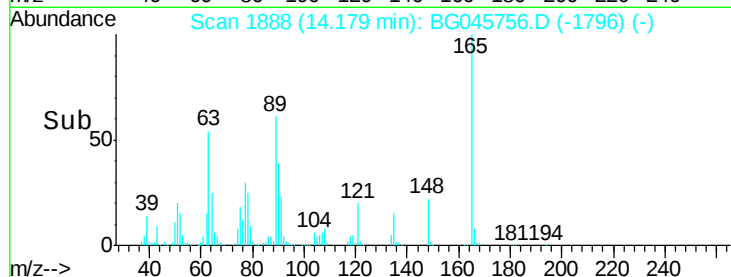
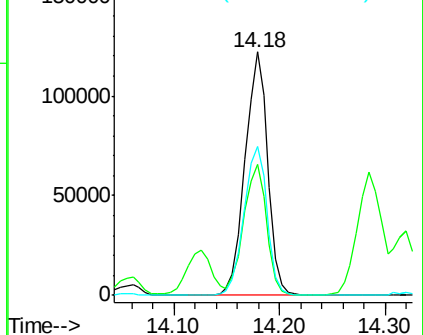
89 61.2 50.2 75.4



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



#52

Acenaphthene

Concen: 38.494 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

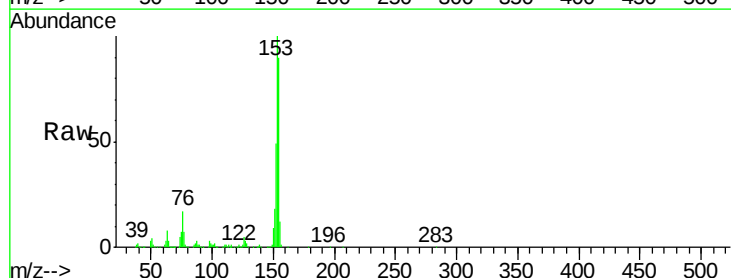
Tgt Ion:154 Resp: 570518

Ion Ratio Lower Upper

154 100

153 111.5 92.8 139.2

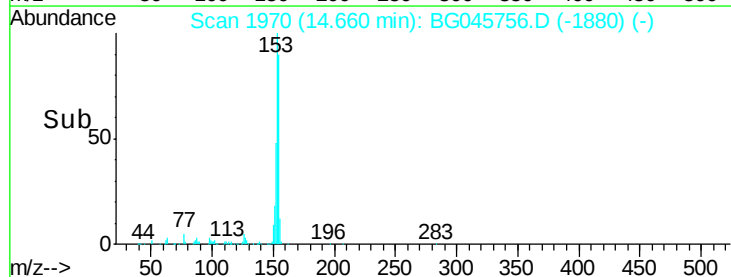
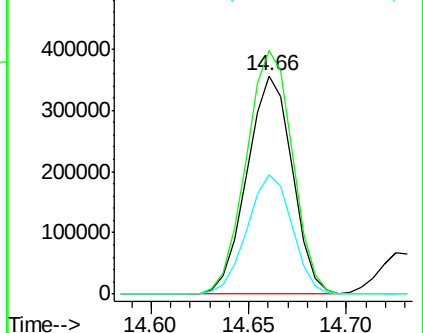
152 54.5 44.6 66.8

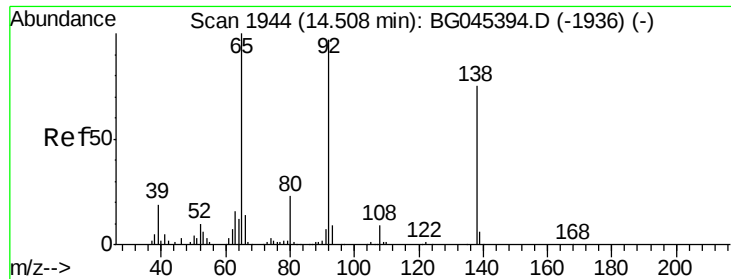


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

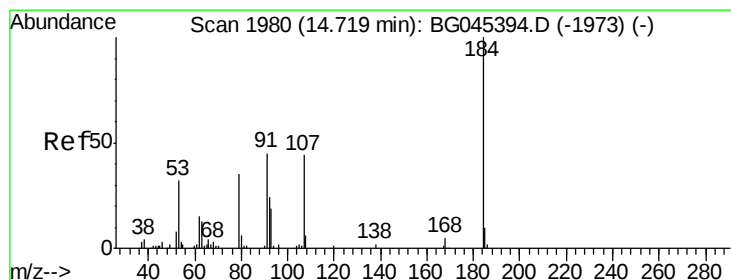
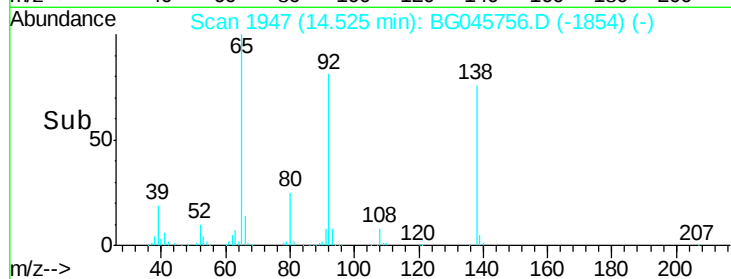
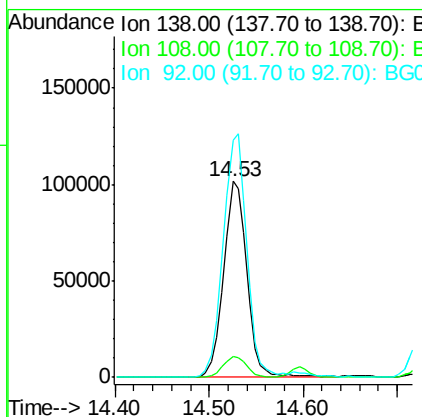
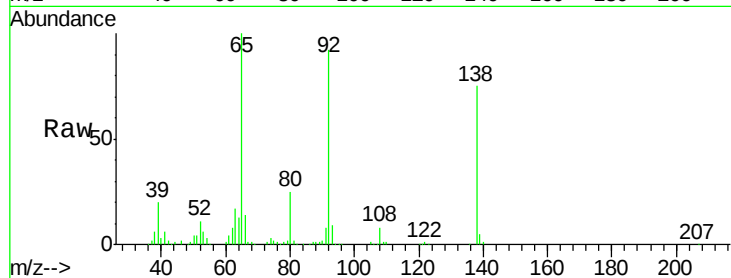




#53
 3-Nitroaniline
 Concen: 40.409 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. 0.02 min
 Lab File: BG045756.D
 Acq: 13 Jun 2020 1:26

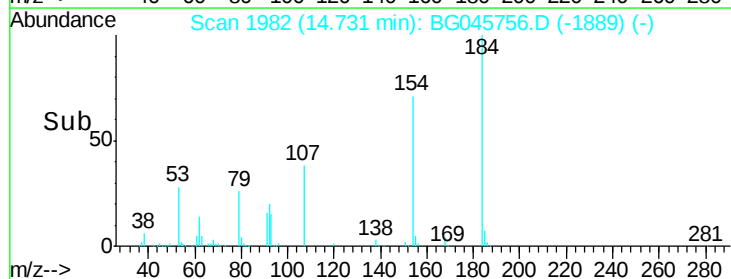
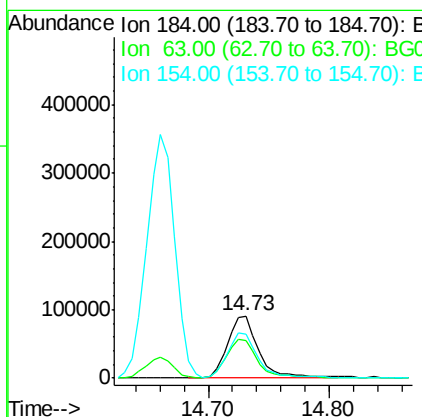
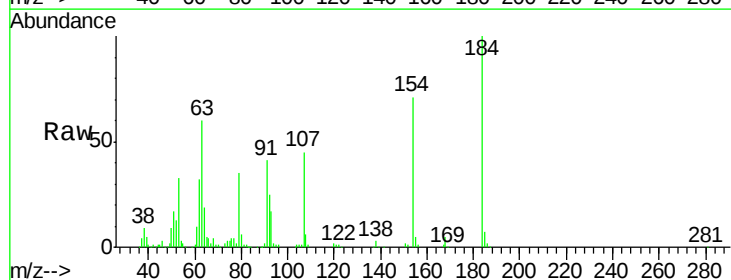
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

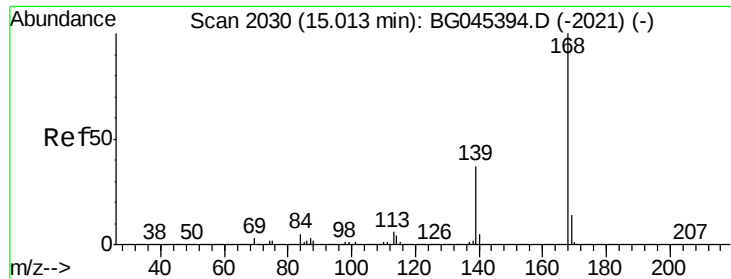
Tot Ion:138 Resp: 175668
 Ion Ratio Lower Upper
 138 100
 108 10.8 9.8 14.6
 92 121.6 103.0 154.4



#54
 2,4-Dinitrophenol
 Concen: 58.833 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. 0.02 min
 Lab File: BG045756.D
 Acq: 13 Jun 2020 1:26

Tgt Ion:184 Resp: 160470
 Ion Ratio Lower Upper
 184 100
 63 59.6 47.8 71.6
 154 71.0 58.3 87.5





#55

Dibenzofuran

Concen: 41.532 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

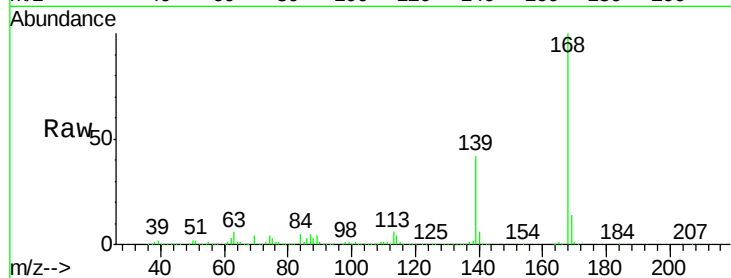
Tot Ion:168 Resp: 914105

Ion Ratio Lower Upper

168 100

139 42.3 29.9 44.9

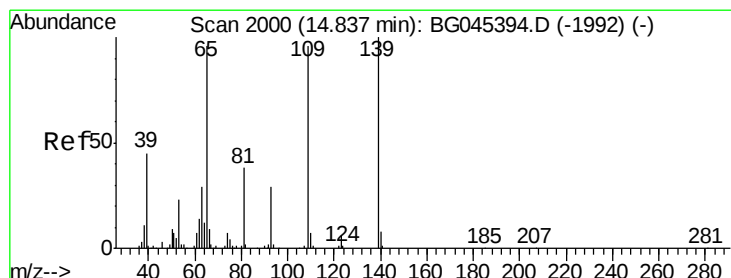
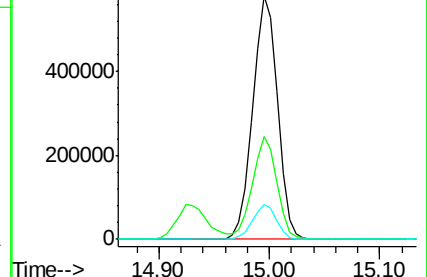
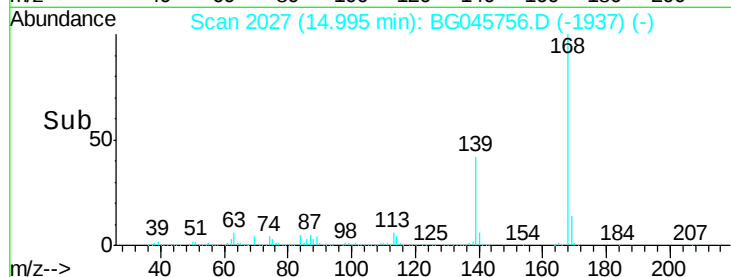
169 14.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 48.206 ng

RT: 14.92 min Scan# 2015

Delta R.T. 0.08 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

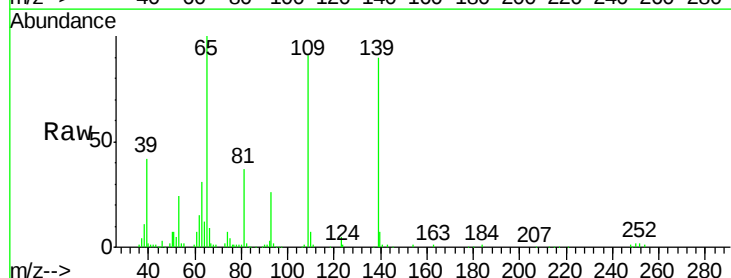
Tgt Ion:139 Resp: 158657

Ion Ratio Lower Upper

139 100

109 101.5 75.6 115.6

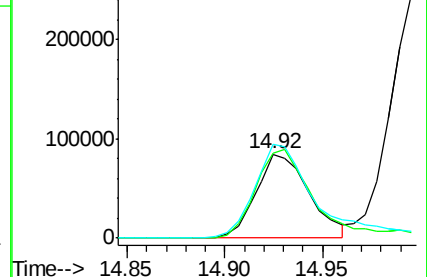
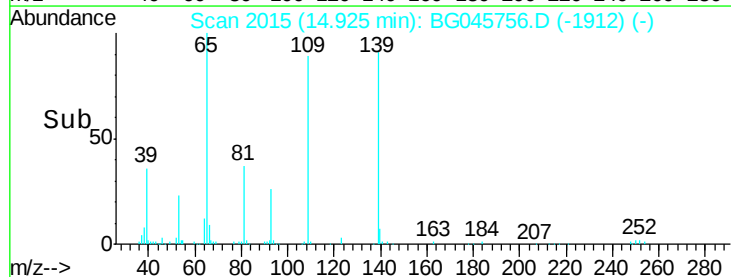
65 111.1 76.8 116.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

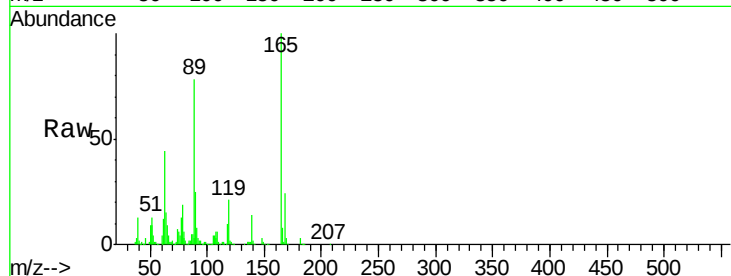




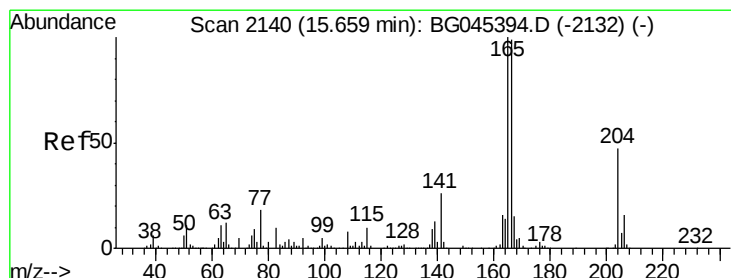
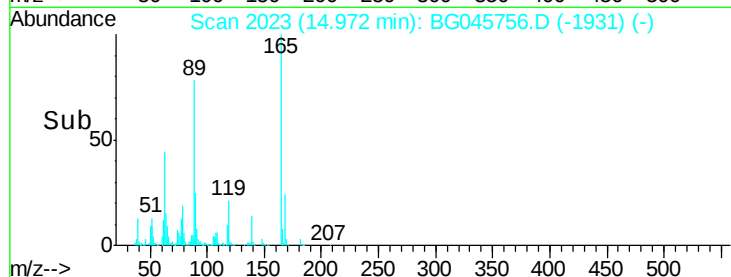
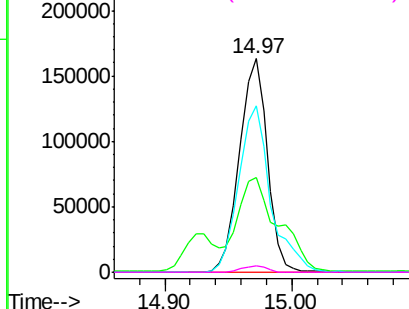
#57
2,4-Dinitrotoluene
Concen: 40.183 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:165 Resp: 248870
Ion Ratio Lower Upper
165 100
63 44.3 32.5 48.7
89 77.7 61.8 92.6
182 2.9 2.3 3.5

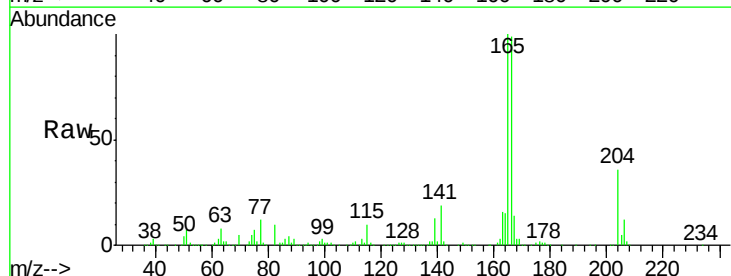


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

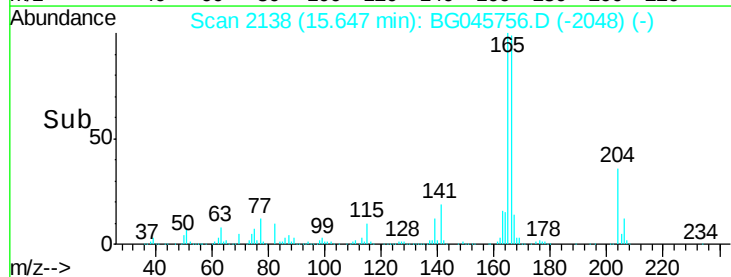
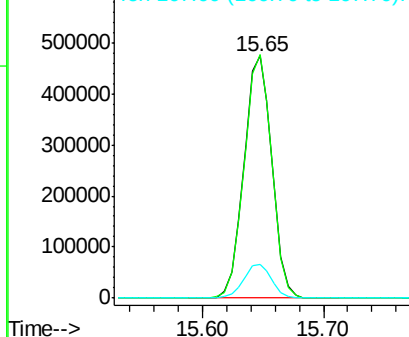


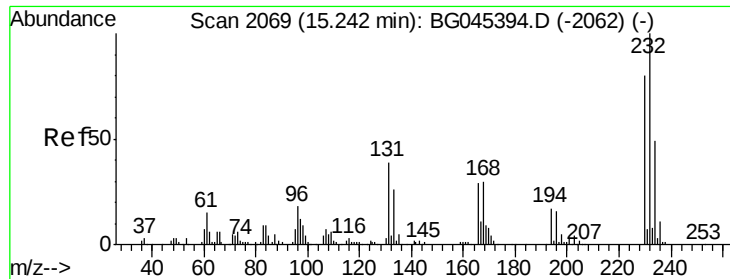
#58
Fluorene
Concen: 42.030 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Tgt Ion:166 Resp: 759988
Ion Ratio Lower Upper
166 100
165 100.6 80.8 121.2
167 14.0 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

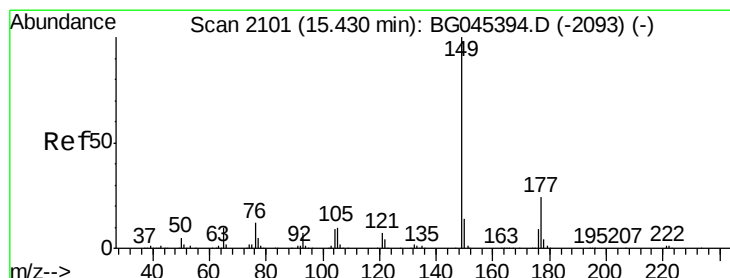
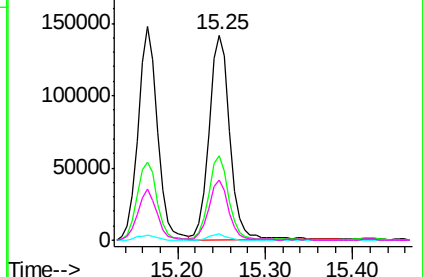
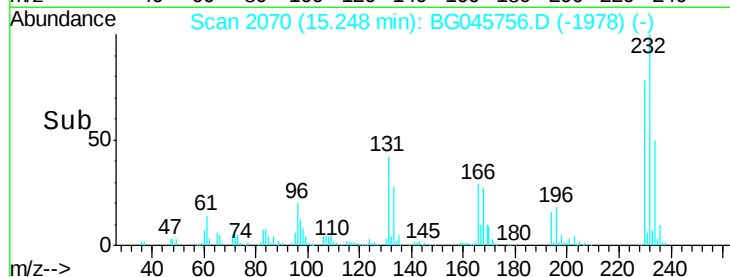
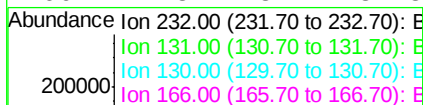
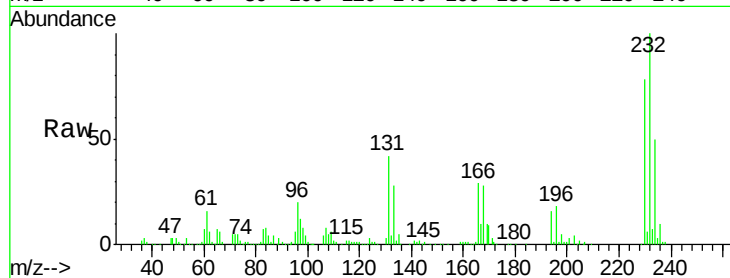




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.414 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: BG045756.D
 Acq: 13 Jun 2020 1:26

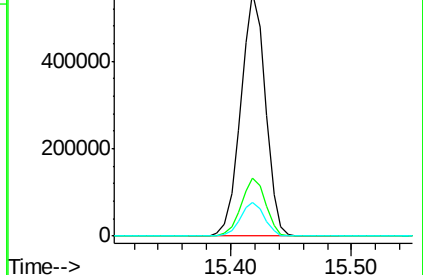
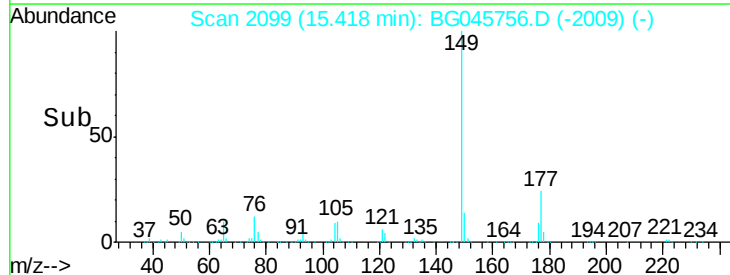
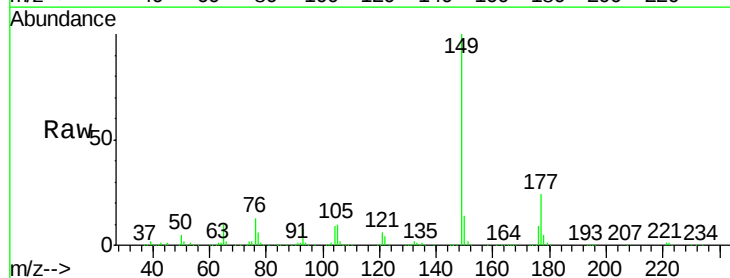
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

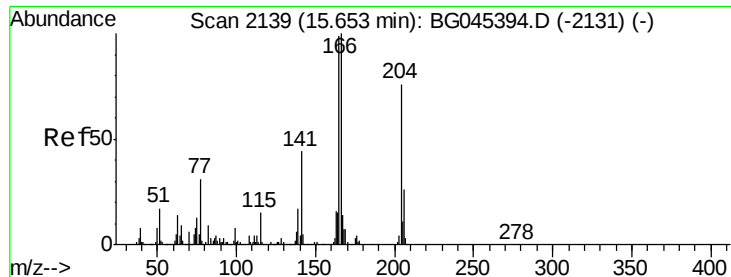
Tot Ion:	232	Resp:	233962
Ion	Ratio	Lower	Upper
232	100		
131	39.0	33.7	50.5
130	2.6	2.1	3.1
166	27.8	23.2	34.8



#60
 Diethylphthalate
 Concen: 40.178 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG045756.D
 Acq: 13 Jun 2020 1:26

Tgt Ion:	149	Resp:	792535
Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.0	28.4
150	14.0	11.4	17.0

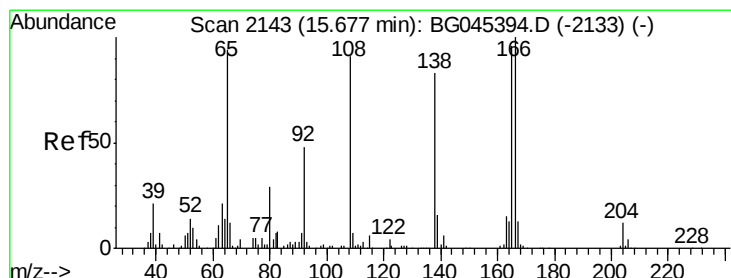
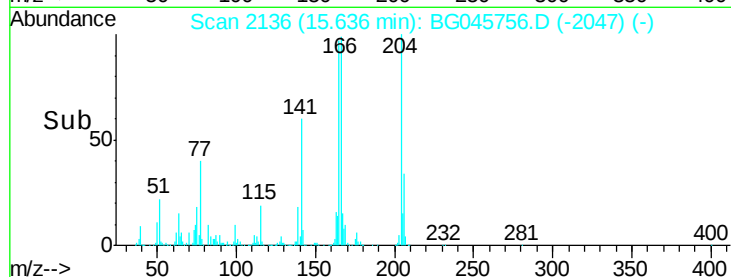
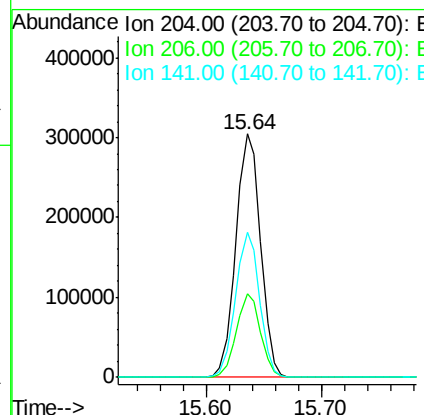
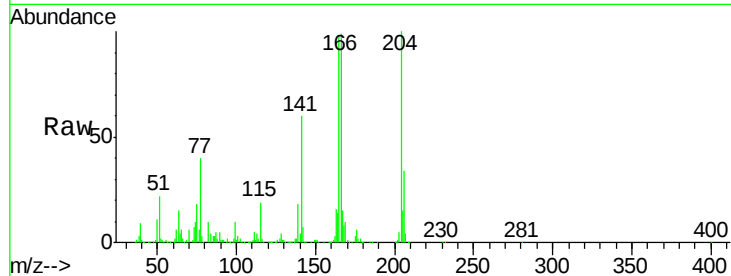




#61
4-Chlorophenyl-phenylether
Concen: 43.435 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

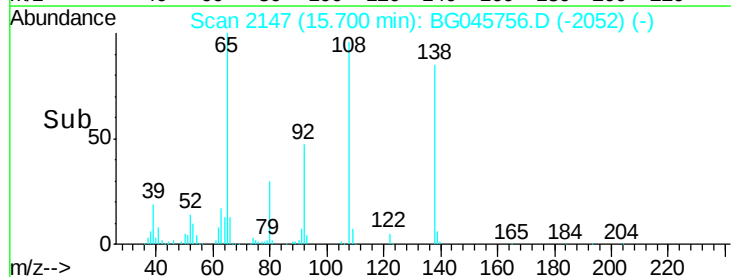
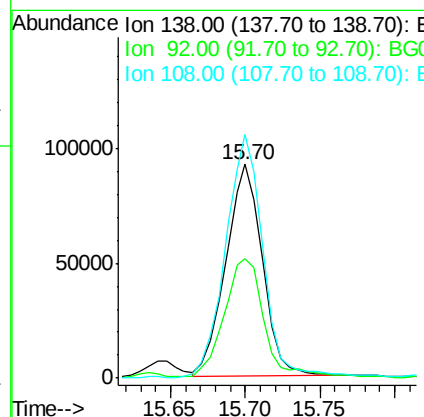
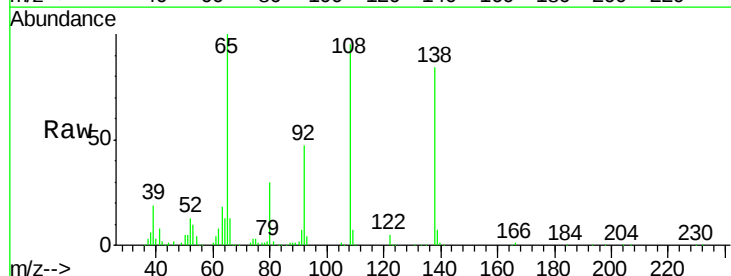
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

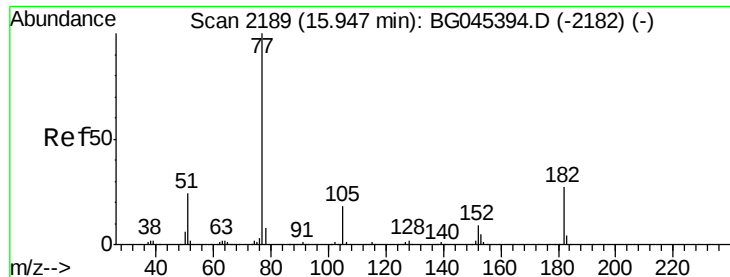
Tot Ion:204 Resp: 449429
Ion Ratio Lower Upper
204 100
206 34.3 27.3 40.9
141 59.5 45.9 68.9



#62
4-Nitroaniline
Concen: 34.948 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.03 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Tgt Ion:138 Resp: 158603
Ion Ratio Lower Upper
138 100
92 56.1 38.0 78.0
108 113.9 89.3 129.3





#63

Azobenzene

Concen: 41.883 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 770348

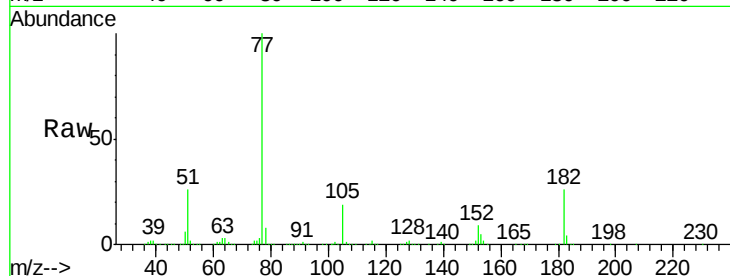
Ion Ratio Lower Upper

77 100

182 26.4 6.5 46.5

105 19.4 0.0 37.9

51 25.8 4.1 44.1

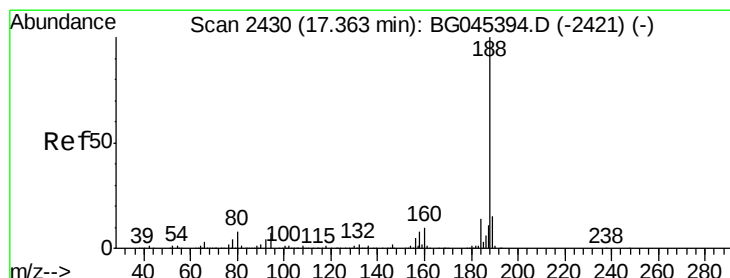
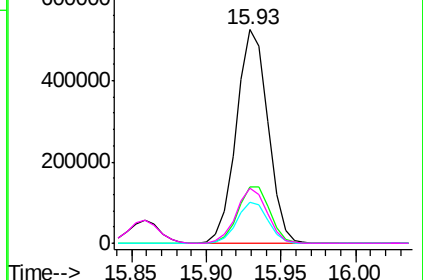
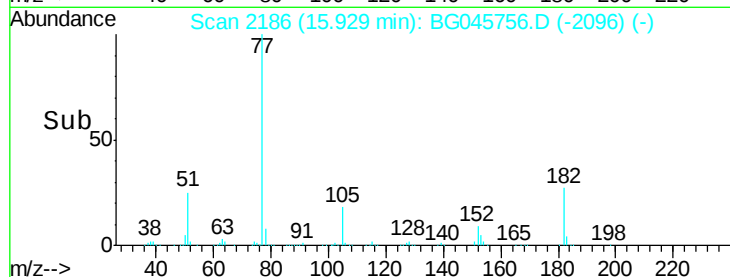


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG045756.D

Acq: 13 Jun 2020 1:26

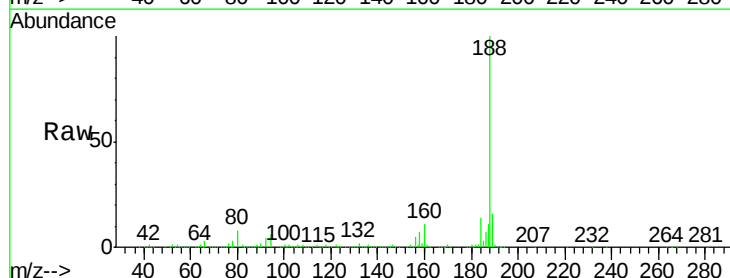
Tgt Ion: 188 Resp: 596978

Ion Ratio Lower Upper

188 100

94 6.3 5.5 8.3

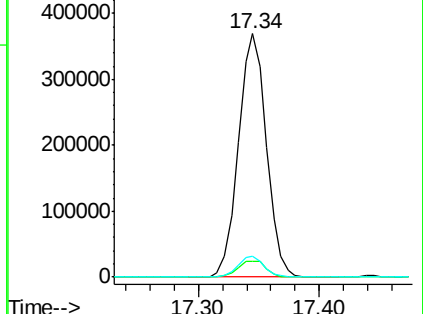
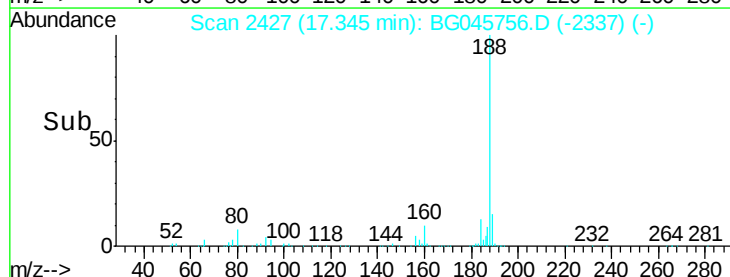
80 8.4 6.6 10.0

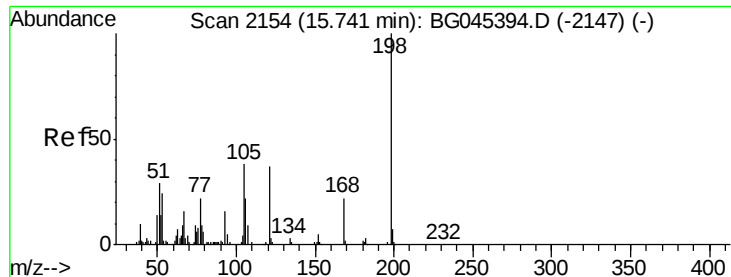


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 40.666 ng

RT: 15.74 min Scan# 2154

Delta R.T. 0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

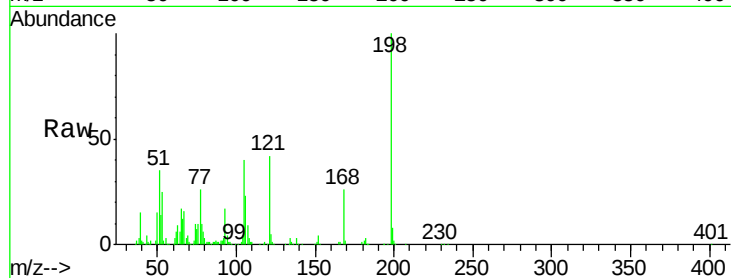
Tot Ion:198 Resp: 141388

Ion Ratio Lower Upper

198 100

51 35.1 10.0 50.0

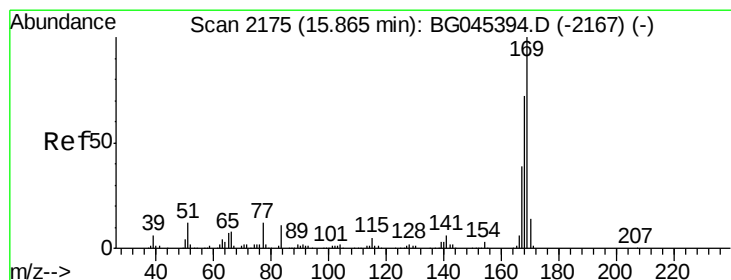
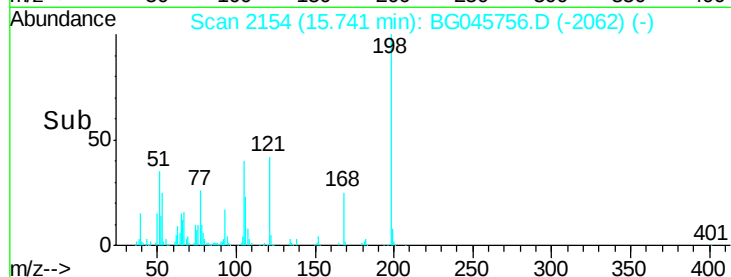
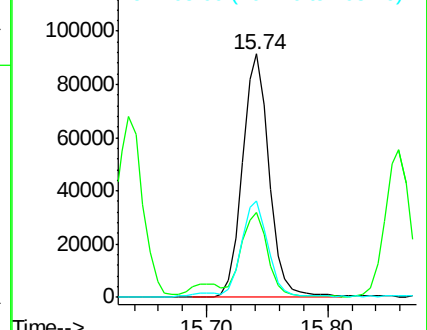
105 39.6 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.055 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

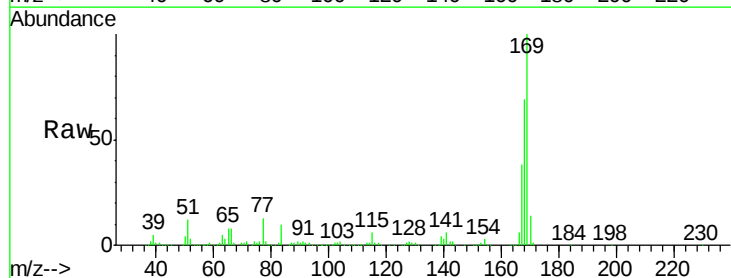
Tgt Ion:169 Resp: 660132

Ion Ratio Lower Upper

169 100

168 69.3 57.8 86.6

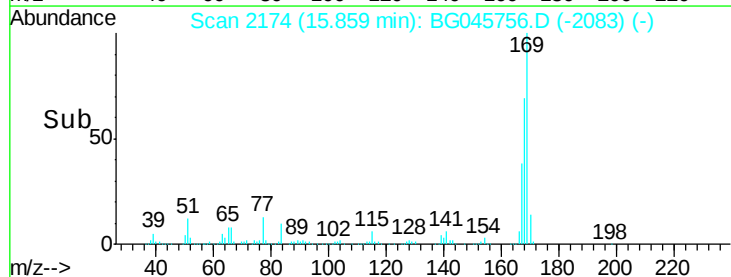
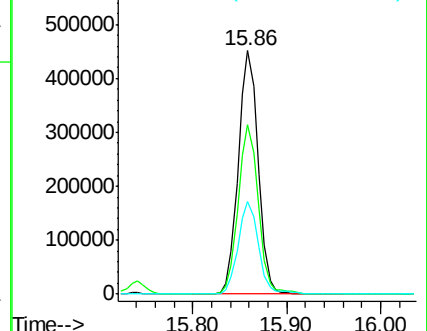
167 38.1 31.5 47.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

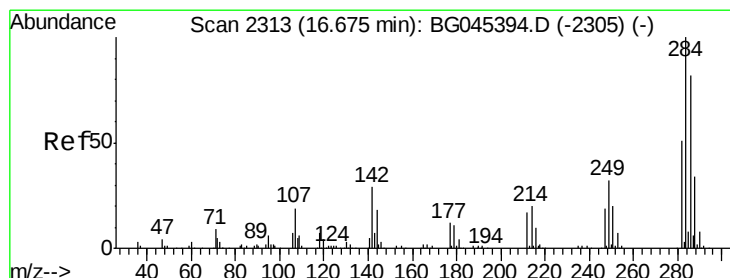
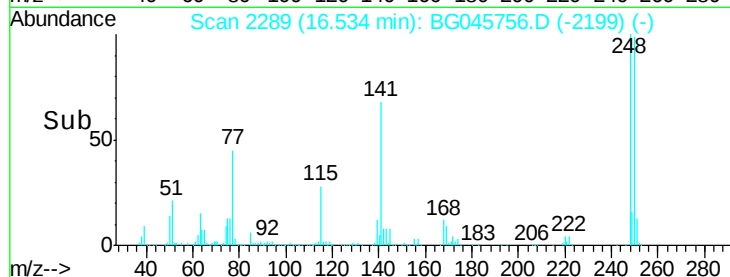
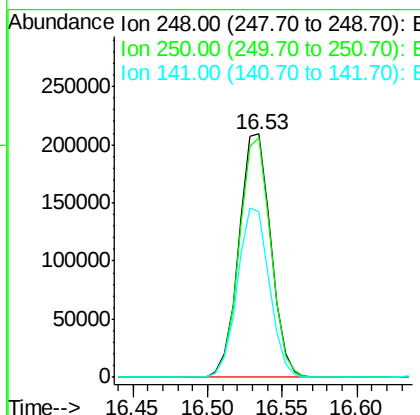
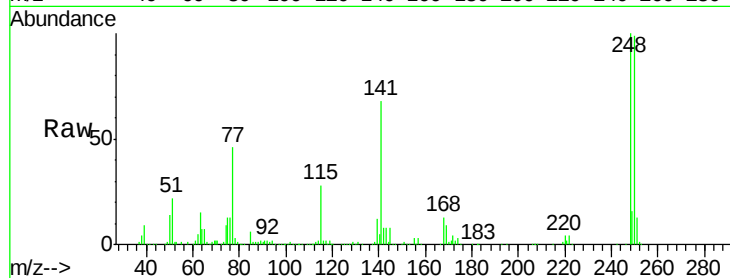




#67
4-Bromophenyl-phenylether
Concen: 47.824 ng
RT: 16.53 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

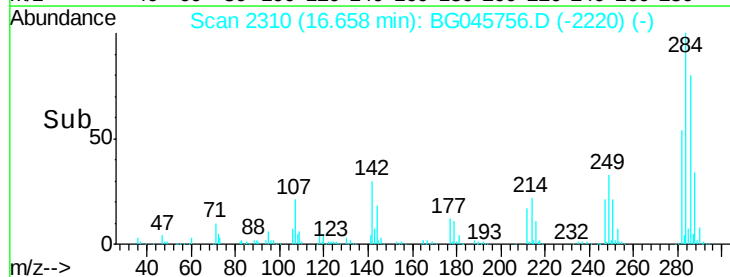
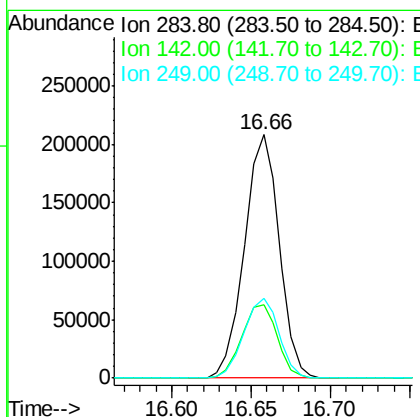
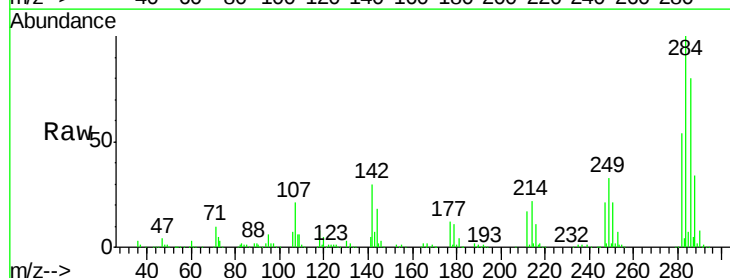
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

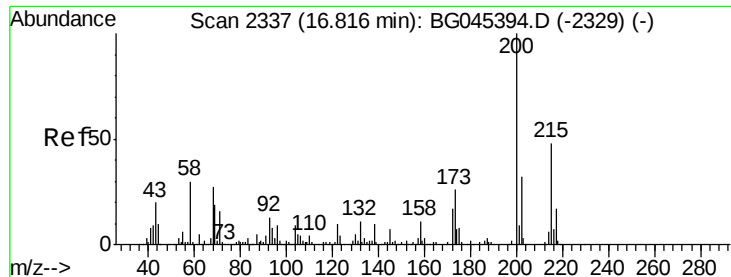
Tot Ion:248 Resp: 309147
Ion Ratio Lower Upper
248 100
250 98.7 78.6 117.8
141 67.9 58.2 87.2



#68
Hexachlorobenzene
Concen: 46.854 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Tgt Ion:284 Resp: 316788
Ion Ratio Lower Upper
284 100
142 30.4 23.0 34.6
249 32.9 25.8 38.6





#69

Atrazine

Concen: 39.104 ng

RT: 16.82 min Scan# 2337

Delta R.T. 0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

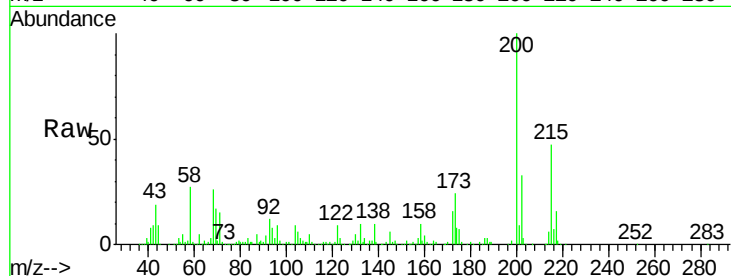
Tot Ion:200 Resp: 230862

Ion Ratio Lower Upper

200 100

173 24.0 5.5 45.5

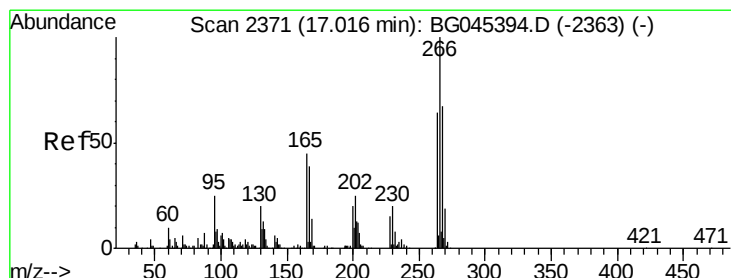
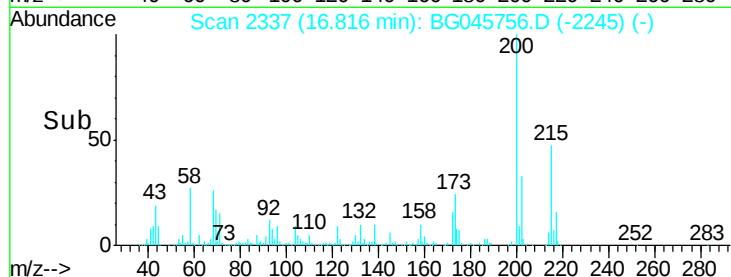
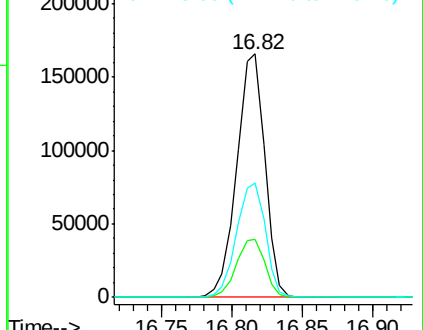
215 47.0 28.2 68.2



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: 42.817 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.02 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

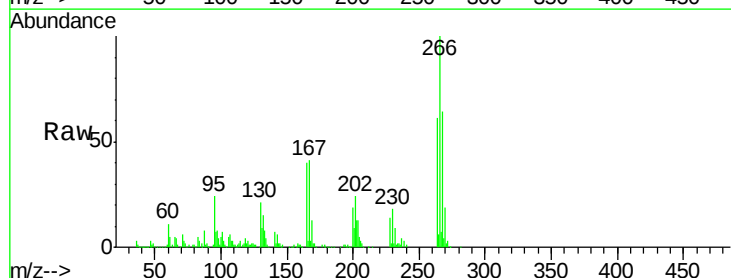
Tgt Ion:266 Resp: 150315

Ion Ratio Lower Upper

266 100

268 64.0 53.2 79.8

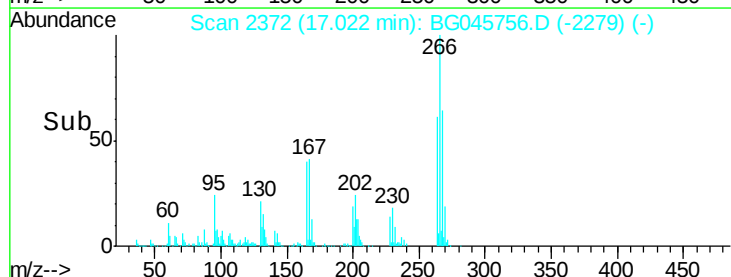
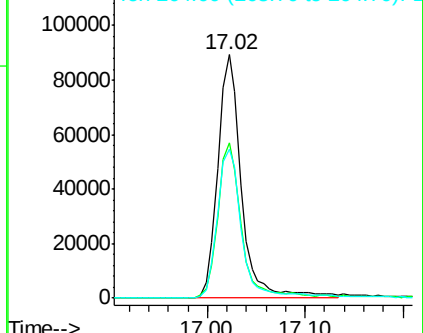
264 61.3 51.0 76.4

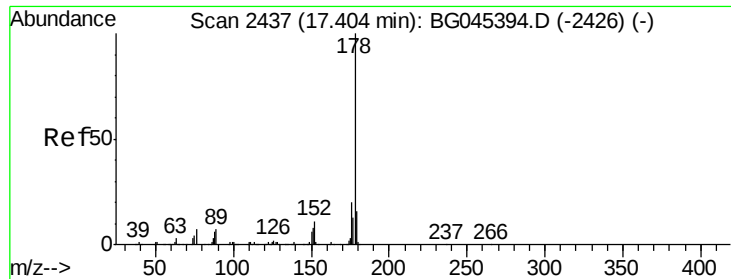


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.182 ng

RT: 17.39 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

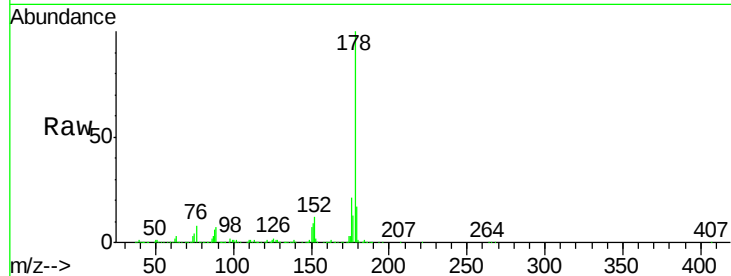
Tot Ion:178 Resp: 1125377

Ion Ratio Lower Upper

178 100

176 20.8 16.2 24.4

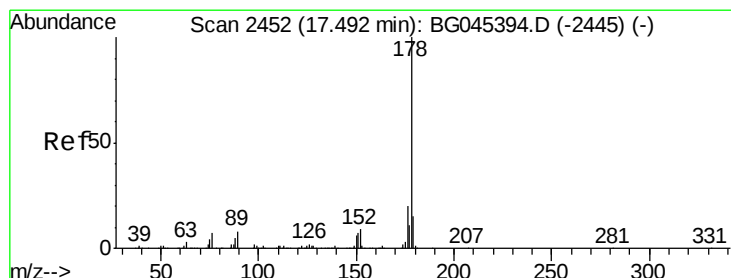
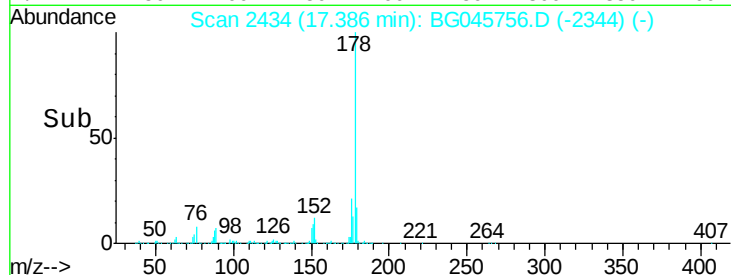
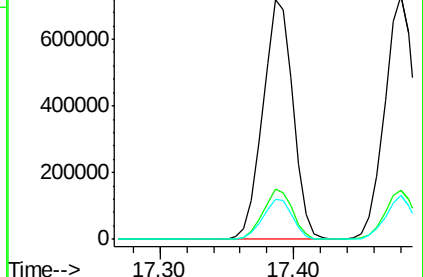
179 16.7 13.1 19.7



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



#72

Anthracene

Concen: 43.237 ng

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

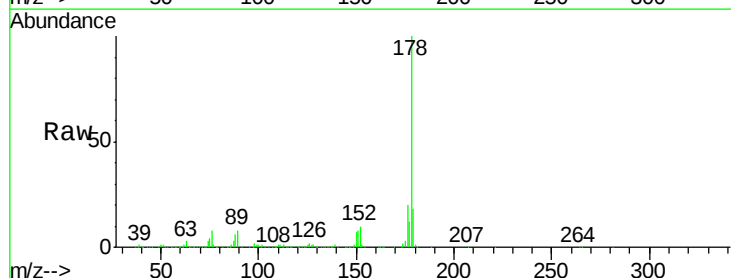
Tgt Ion:178 Resp: 1131584

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.6

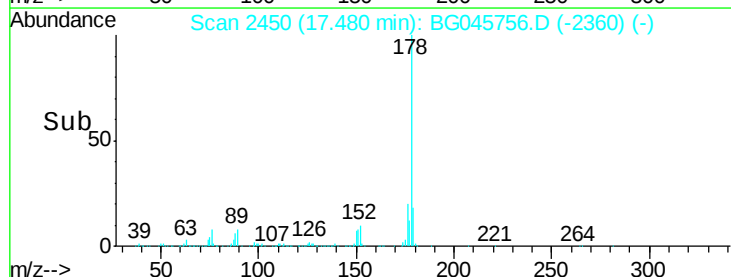
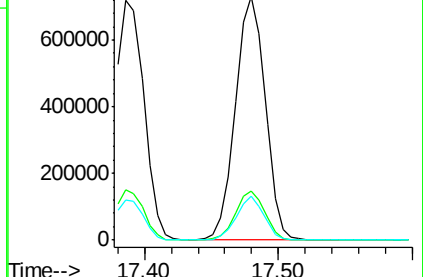
179 17.8 12.2 18.4



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

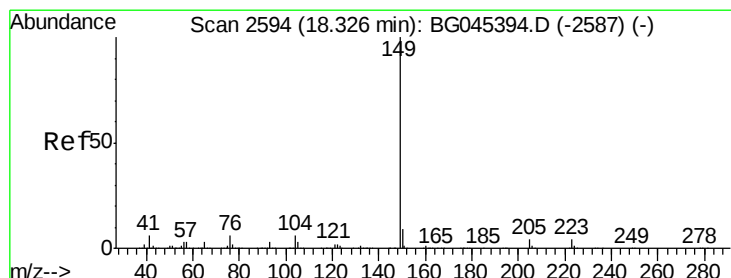
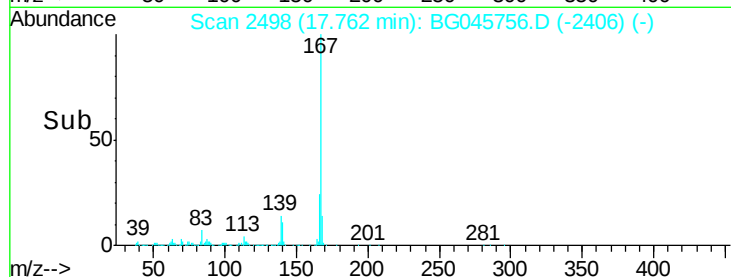
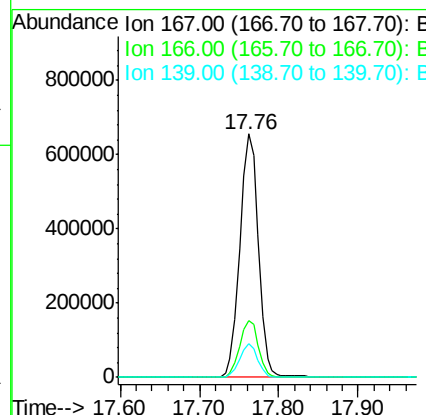
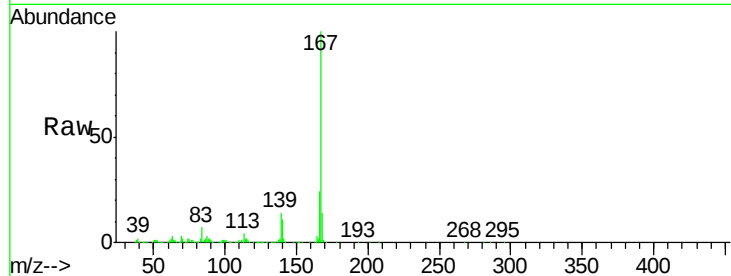




#73
 Carbazole
 Concen: 41.833 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. 0.01 min
 Lab File: BG045756.D
 Acq: 13 Jun 2020 1:26

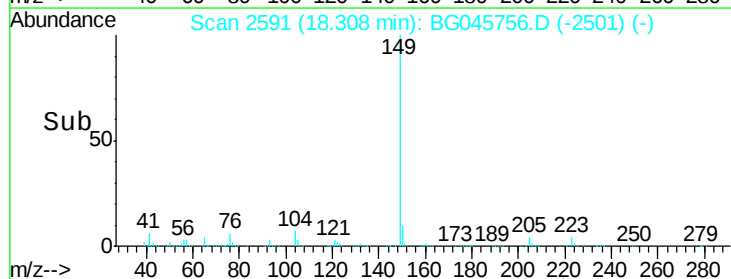
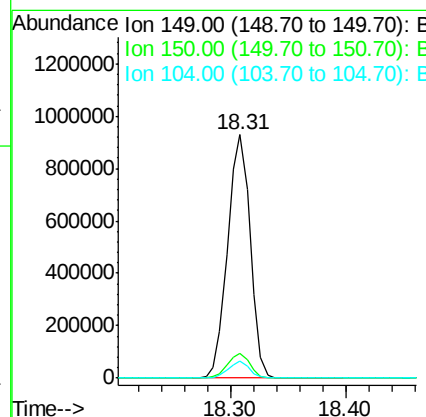
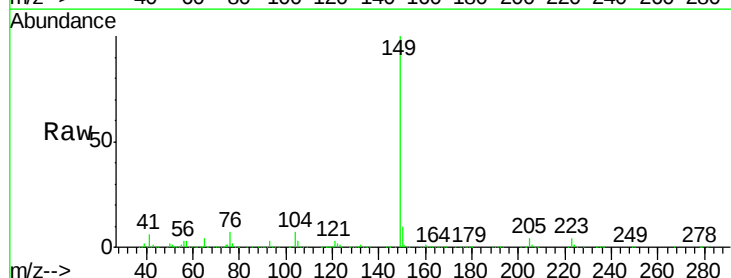
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

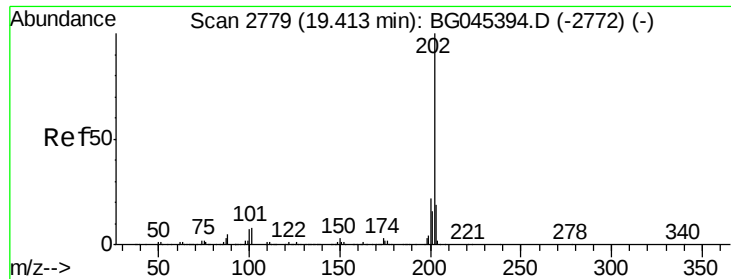
Tot Ion:167 Resp: 1067193
 Ion Ratio Lower Upper
 167 100
 166 23.5 19.2 28.8
 139 13.7 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 41.142 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045756.D
 Acq: 13 Jun 2020 1:26

Tgt Ion:149 Resp: 1259767
 Ion Ratio Lower Upper
 149 100
 150 10.3 7.6 11.4
 104 6.9 5.0 7.4





#75

Fluoranthene

Concen: 39.413 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

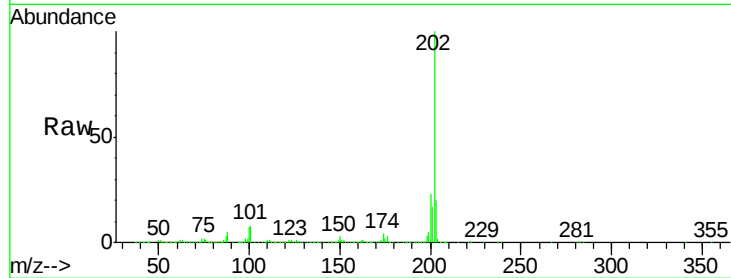
Tot Ion:202 Resp: 1306474

Ion Ratio Lower Upper

202 100

101 8.0 0.0 28.3

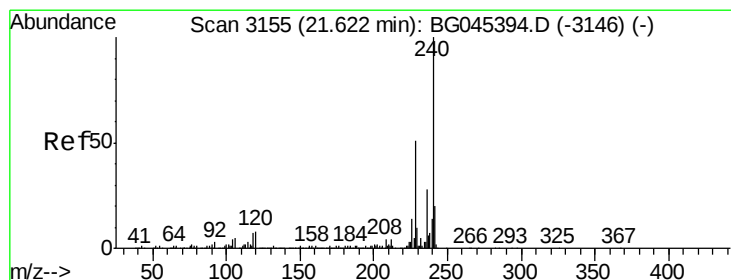
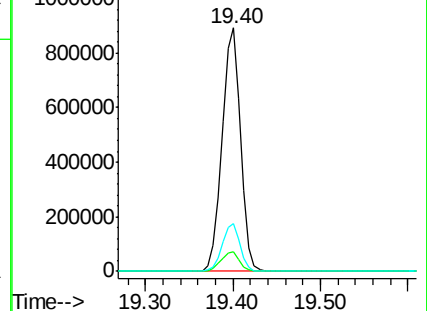
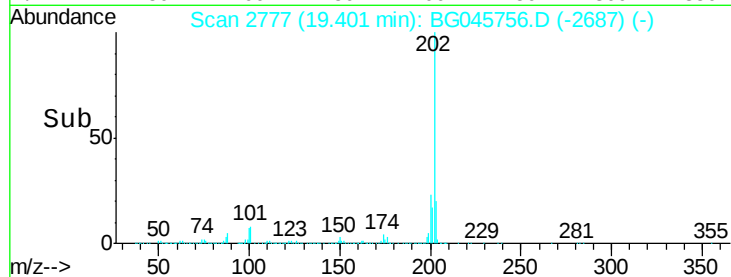
203 19.8 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

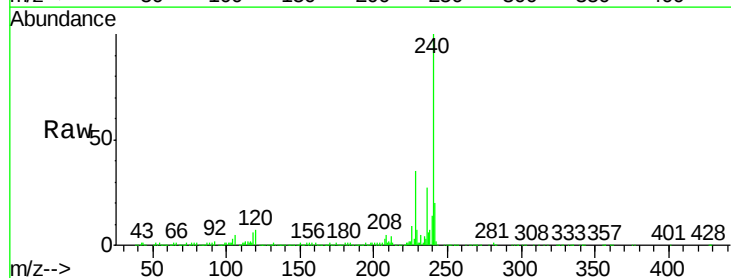
Tgt Ion:240 Resp: 510207

Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

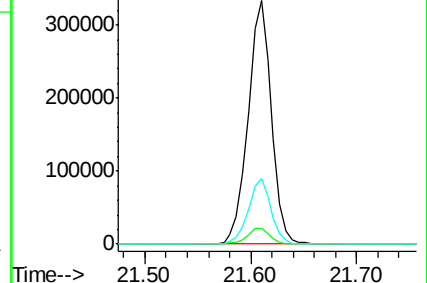
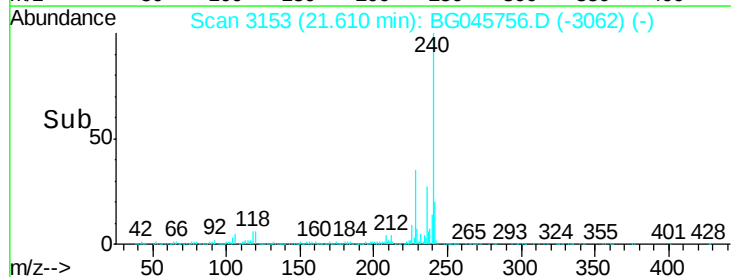
236 26.8 22.3 33.5

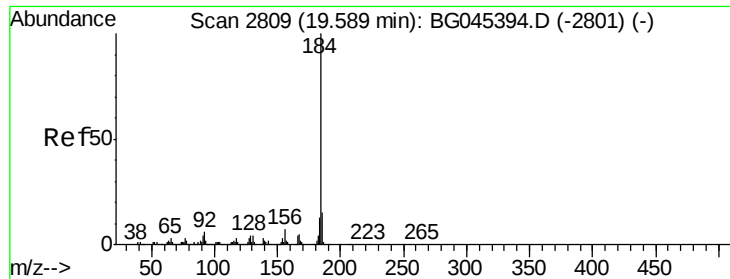


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

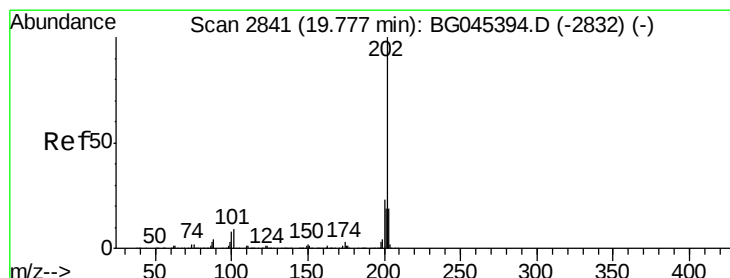
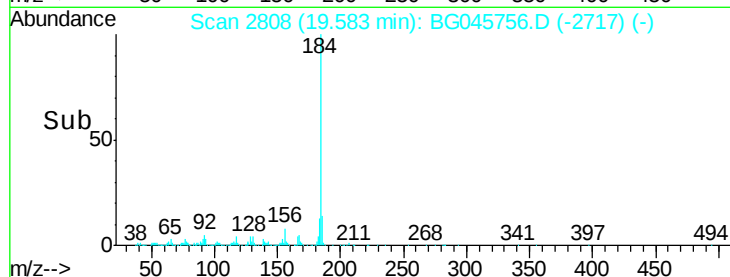
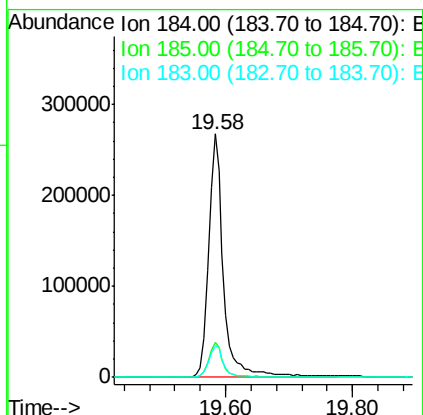
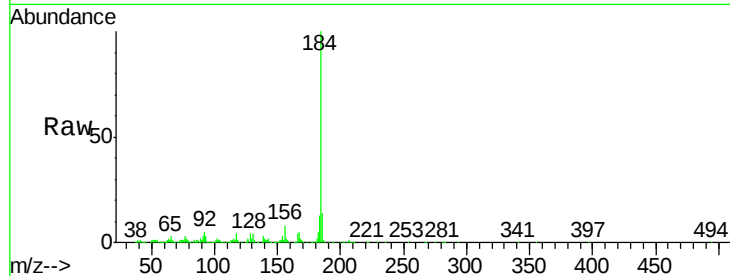




#77
Benzidine
Concen: 30.552 ng
RT: 19.58 min Scan# 2808
Delta R.T. 0.01 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

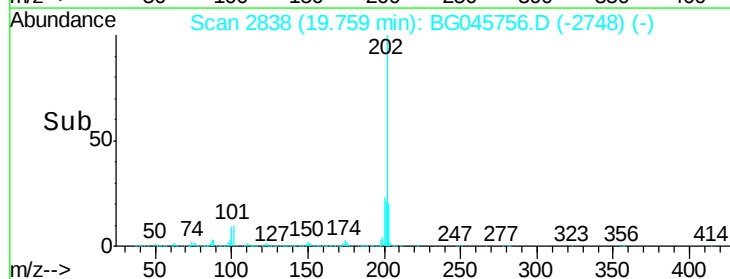
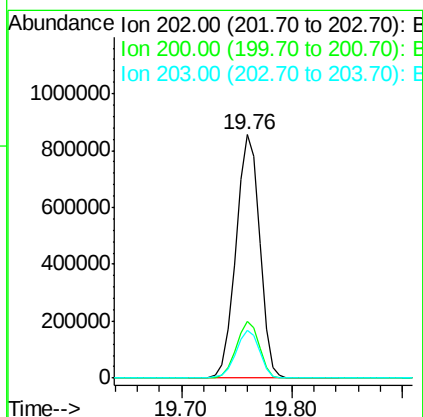
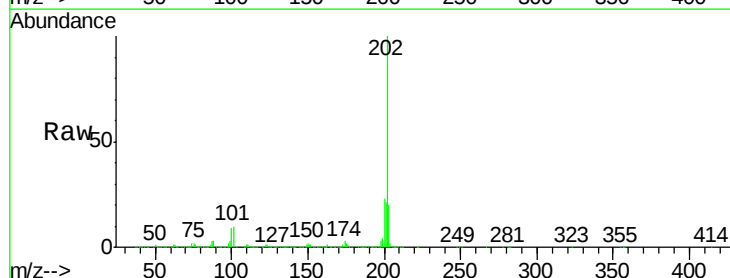
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

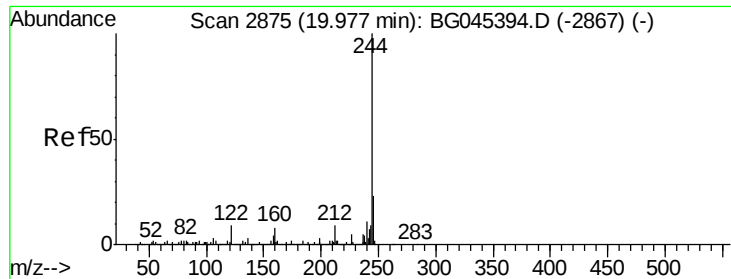
Tot Ion:184 Resp: 437788
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 12.7 10.2 15.4



#78
Pyrene
Concen: 44.504 ng
RT: 19.76 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Tgt Ion:202 Resp: 1294344
Ion Ratio Lower Upper
202 100
200 23.1 18.2 27.2
203 19.7 15.1 22.7





#79

Terphenyl-d14

Concen: 89.193 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

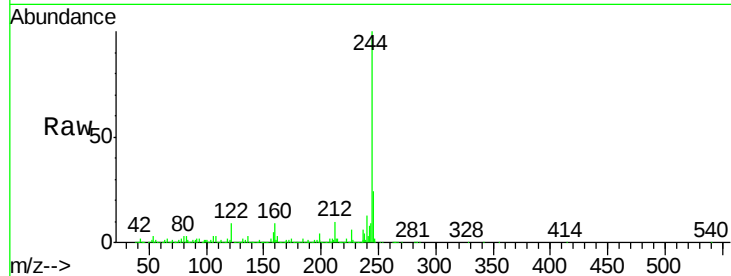
Tot Ion:244 Resp: 1951158

Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.4	11.0
122	8.9	6.8	10.2

244 100

212 10.1 7.4 11.0

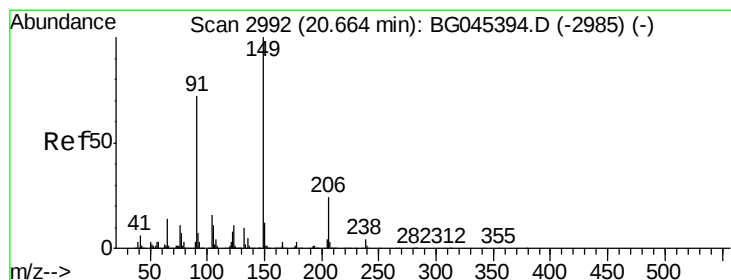
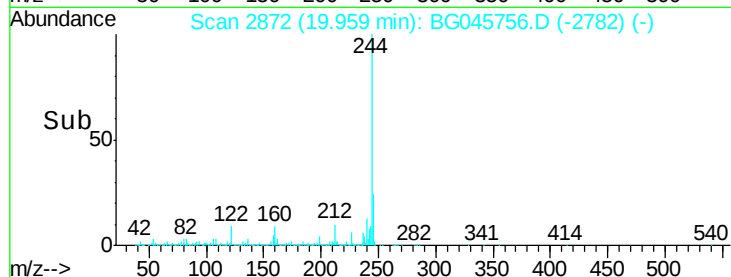
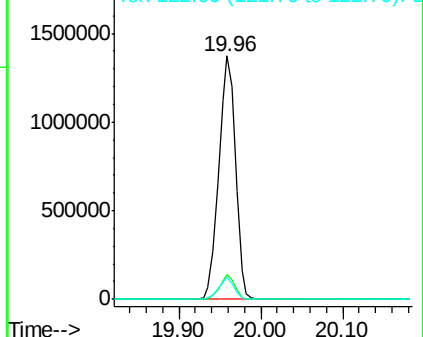
122 8.9 6.8 10.2



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: 42.713 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

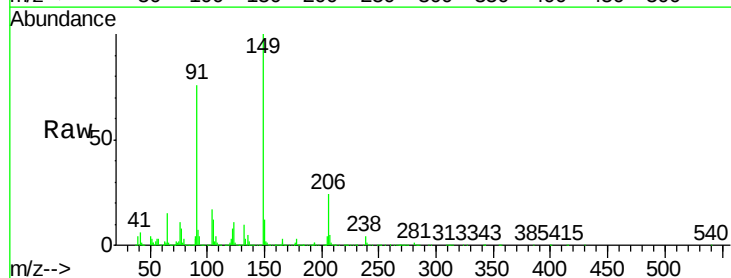
Tgt Ion:149 Resp: 536203

Ion	Ratio	Lower	Upper
149	100		
91	76.1	57.8	86.6
206	23.6	19.1	28.7

149 100

91 76.1 57.8 86.6

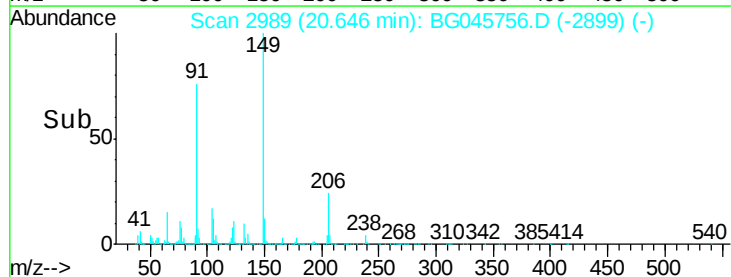
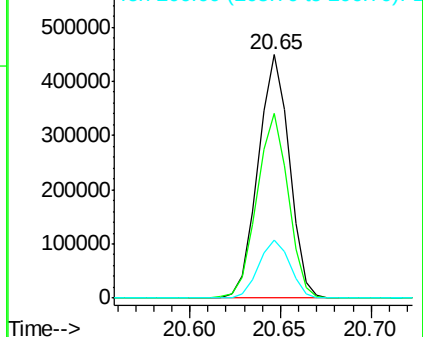
206 23.6 19.1 28.7

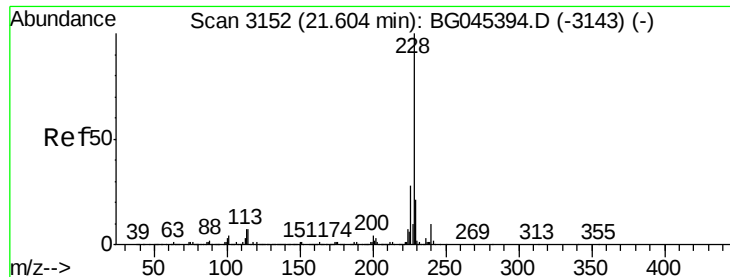


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.176 ng

RT: 21.59 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

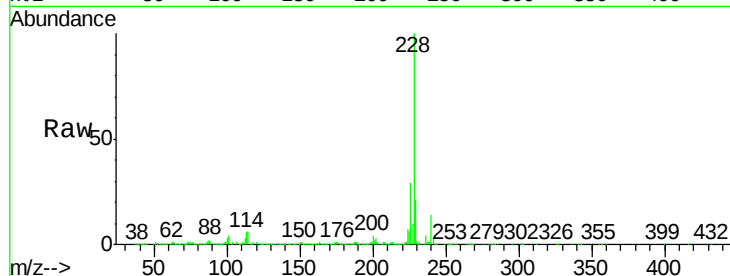
Tot Ion:228 Resp: 1255556

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	21.2	16.7	25.1

228 100

226 28.6 22.7 34.1

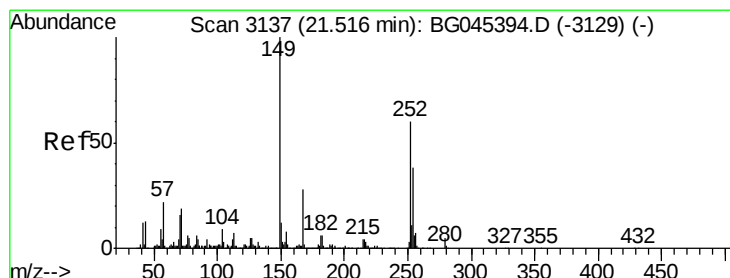
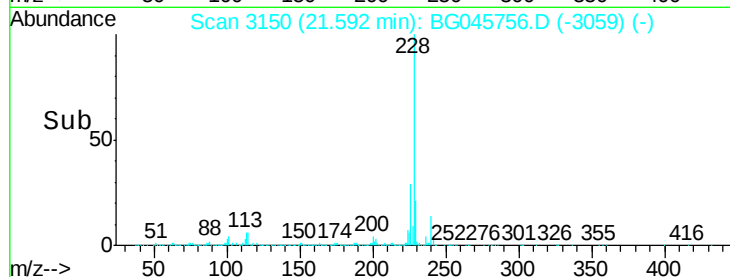
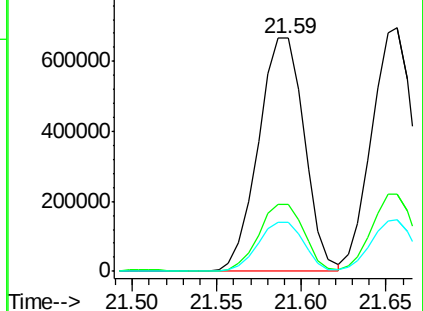
229 21.2 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.972 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

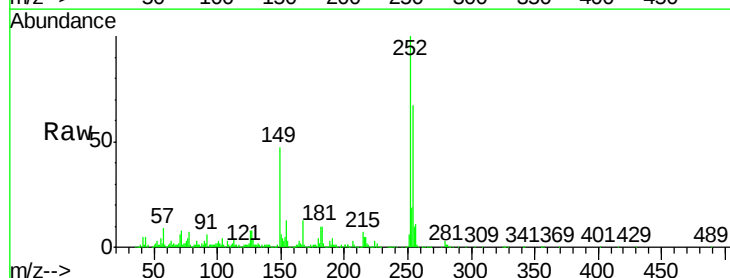
Tgt Ion:252 Resp: 456789

Ion	Ratio	Lower	Upper
252	100		
254	66.8	51.3	76.9
126	8.1	6.6	10.0

252 100

254 66.8 51.3 76.9

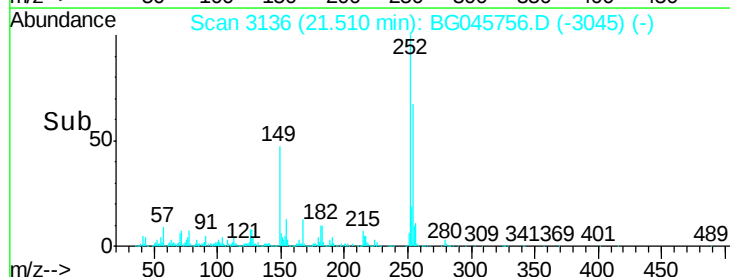
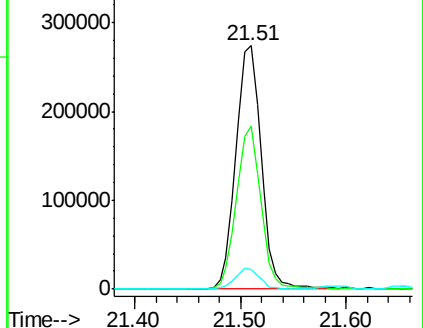
126 8.1 6.6 10.0

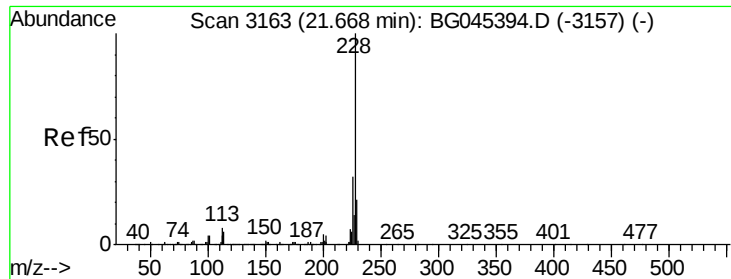


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.822 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

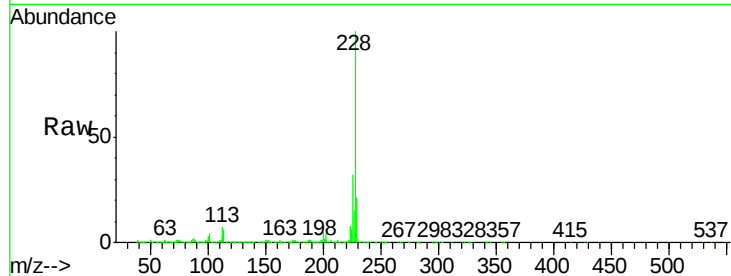
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1197615

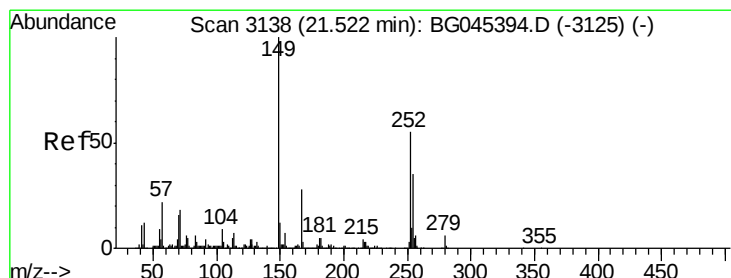
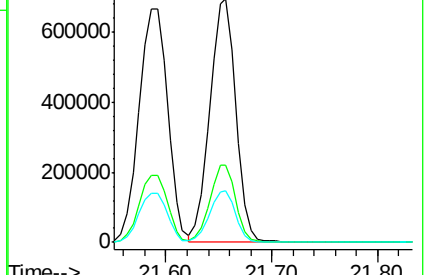
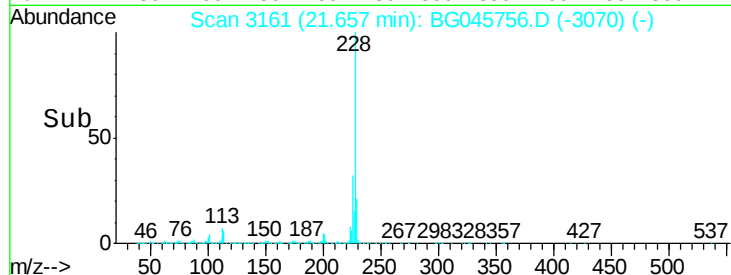
Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.2	37.8
229	21.4	16.7	25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.256 ng

RT: 21.49 min Scan# 3133

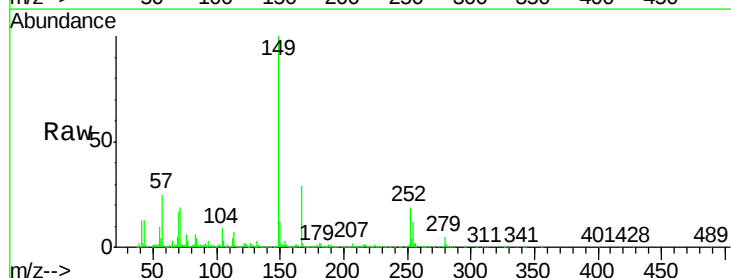
Delta R.T. -0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Tgt Ion:149 Resp: 746448

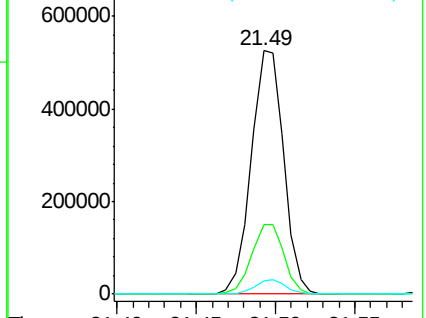
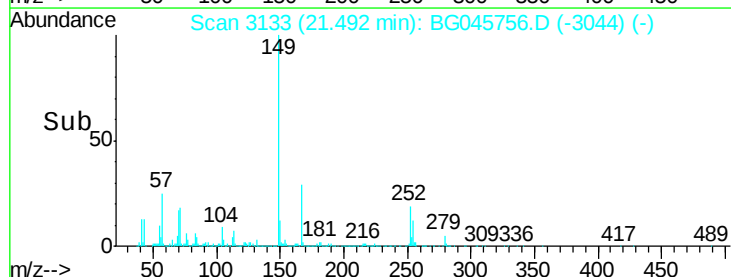
Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.2	33.2
279	5.2	4.7	7.1

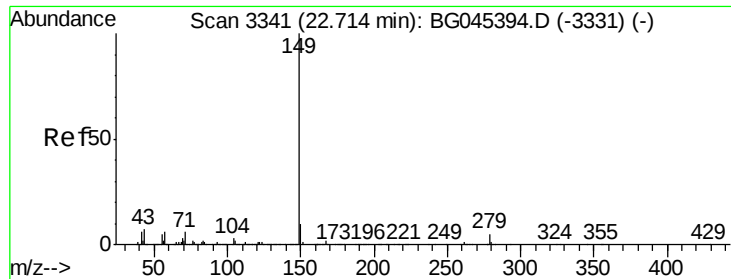


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.352 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

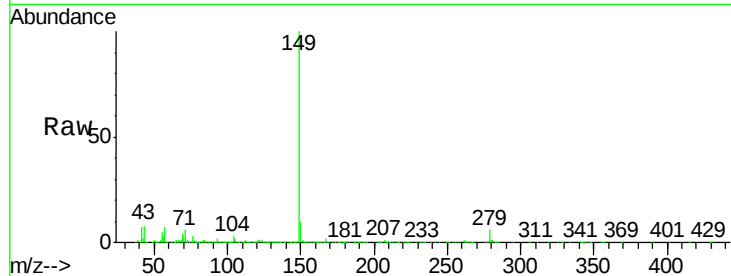
Tot Ion:149 Resp: 1225611

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

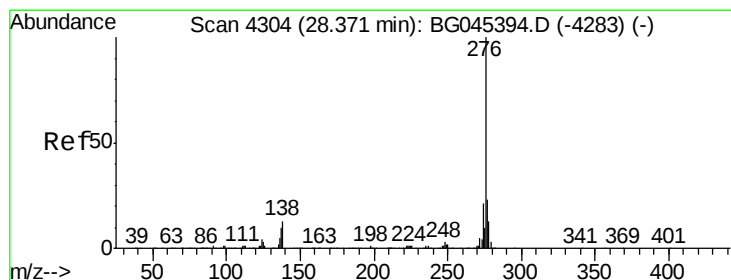
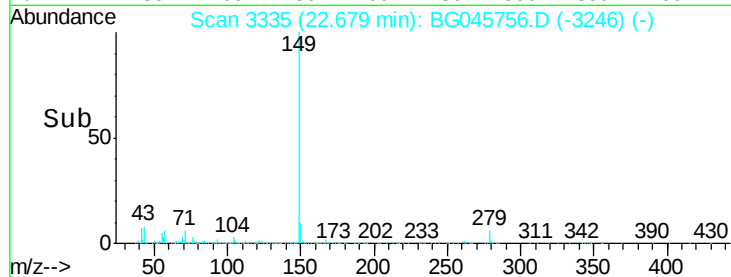
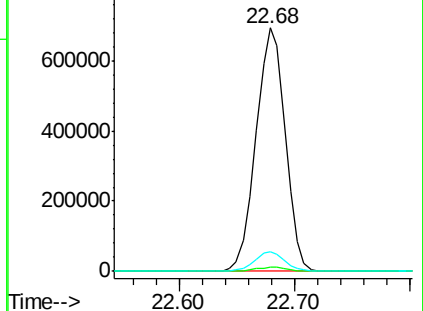
43 7.8 5.8 8.8



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: 43.092 ng

RT: 28.35 min Scan# 4300

Delta R.T. 0.02 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

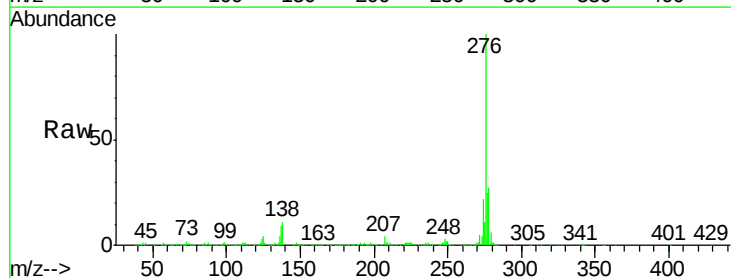
Tgt Ion:276 Resp: 1539978

Ion Ratio Lower Upper

276 100

138 0.0 8.6 12.8#

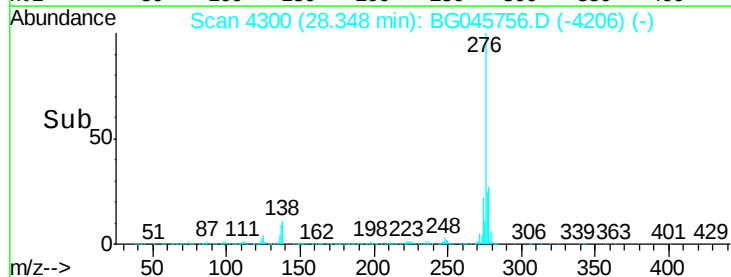
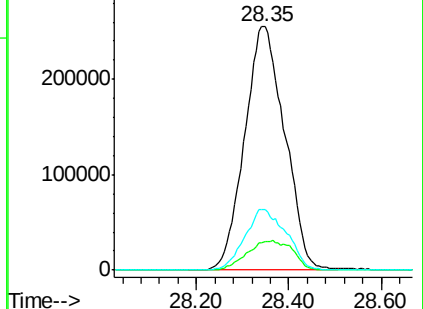
277 25.7 20.2 30.4

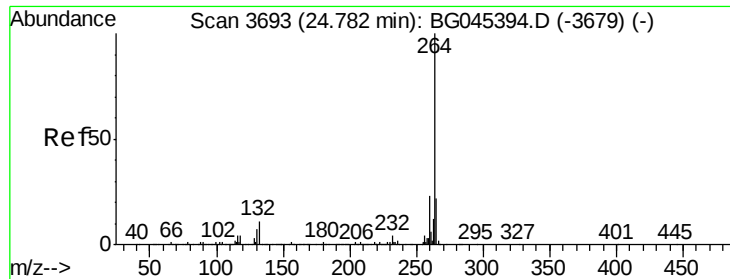


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

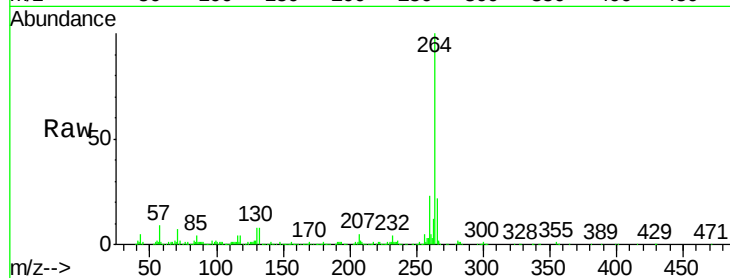




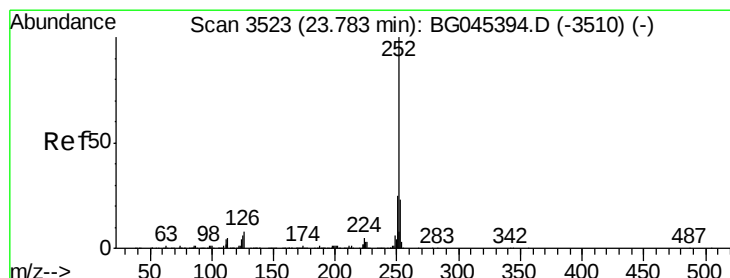
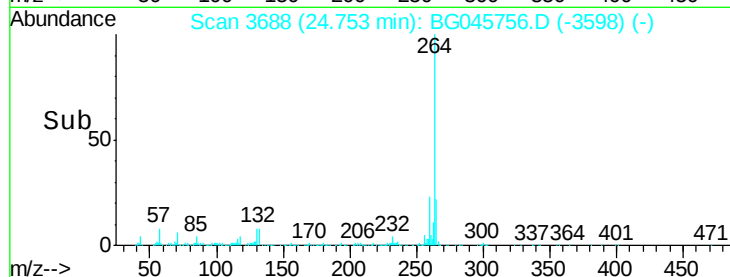
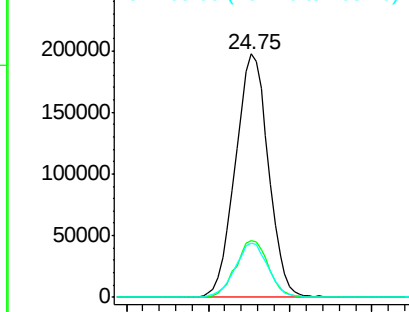
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:264 Resp: 554847
Ion Ratio Lower Upper
264 100
260 23.3 18.2 27.4
265 22.2 17.6 26.4

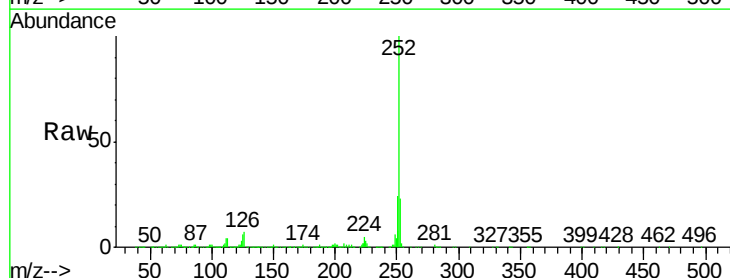


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

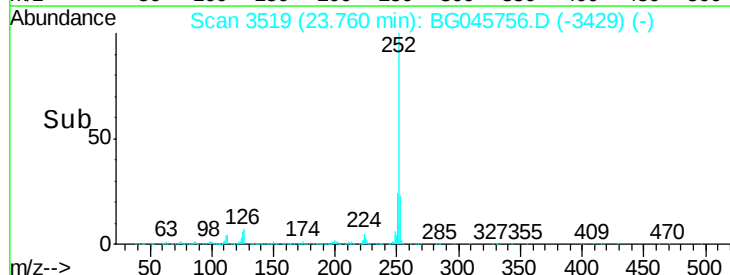
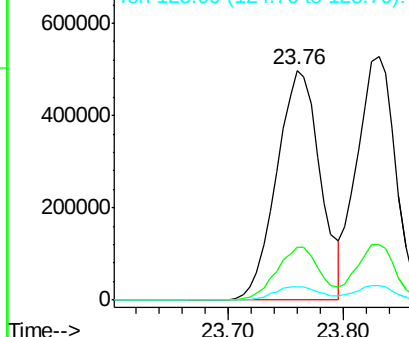


#88
Benzo(b)fluoranthene
Concen: 43.924 ng
RT: 23.76 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Tgt Ion:252 Resp: 1307042
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 5.9 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





#89

Benzo(k)fluoranthene

Concen: 43.603 ng

RT: 23.83 min Scan# 3531

Delta R.T. 0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

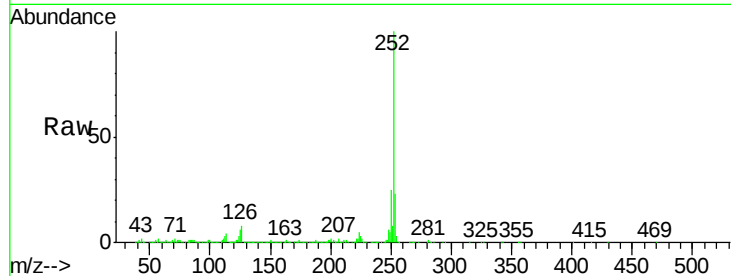
Tot Ion:252 Resp: 1218973

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

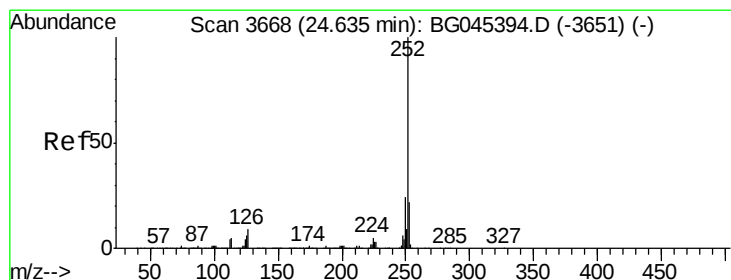
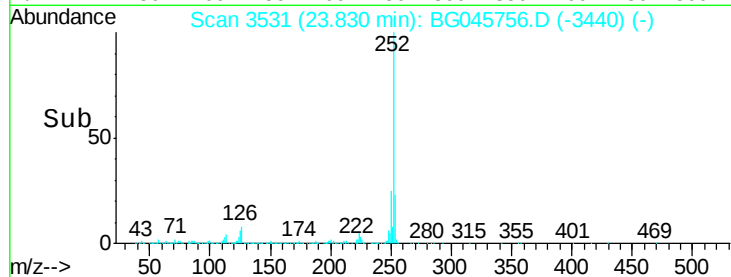
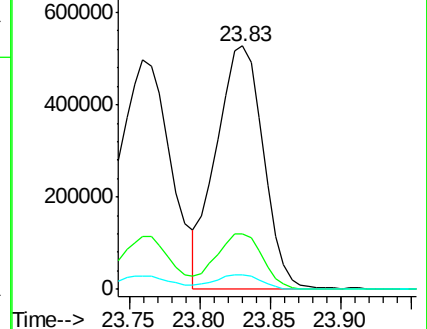
125 5.8 5.7 8.5



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: 44.435 ng

RT: 24.61 min Scan# 3664

Delta R.T. 0.01 min

Lab File: BG045756.D

Acq: 13 Jun 2020 1:26

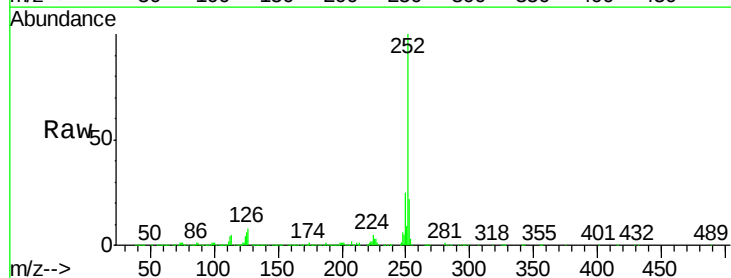
Tgt Ion:252 Resp: 1231455

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

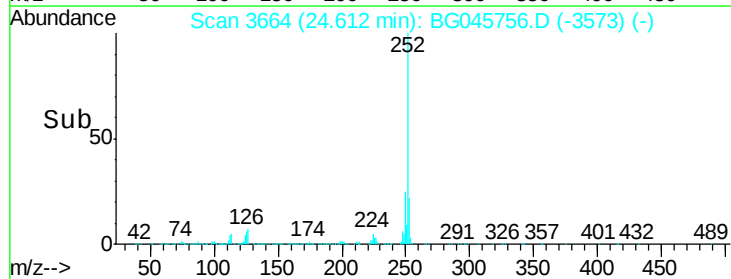
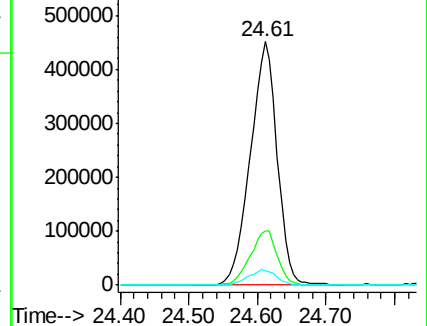
125 5.8 5.0 7.6

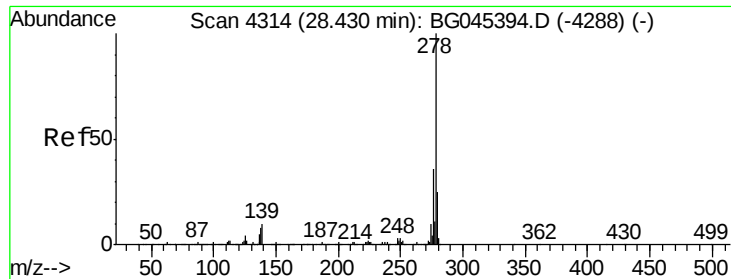


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

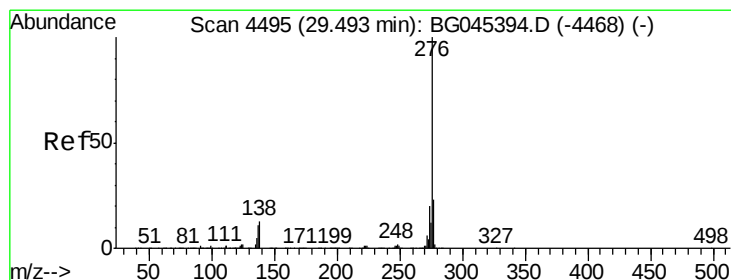
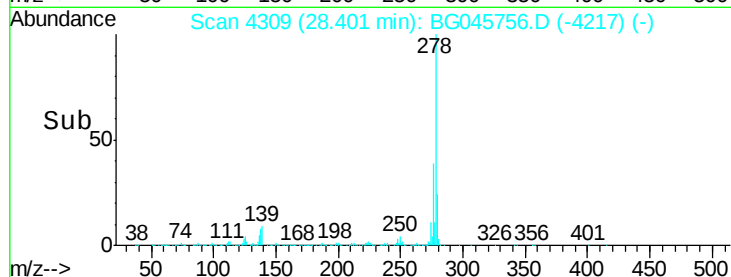
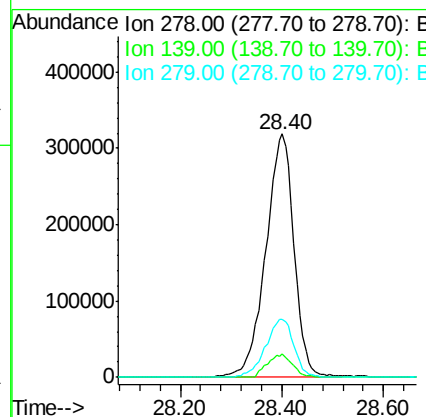
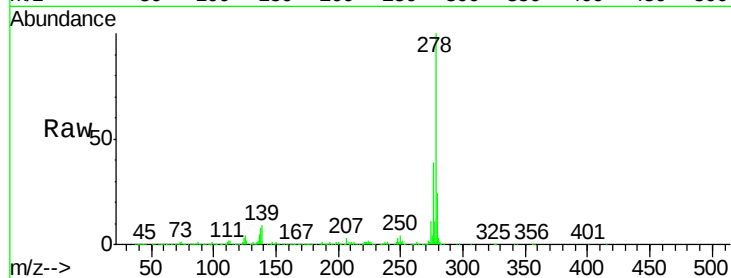




#91
Dibenzo(a,h)anthracene
Concen: 44.671 ng
RT: 28.40 min Scan# 4309
Delta R.T. 0.01 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:278 Resp: 1244053
Ion Ratio Lower Upper
278 100
139 9.5 7.8 11.8
279 23.7 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 44.560 ng
RT: 29.46 min Scan# 4490
Delta R.T. 0.02 min
Lab File: BG045756.D
Acq: 13 Jun 2020 1:26

Tgt Ion:276 Resp: 1241130
Ion Ratio Lower Upper
276 100
277 23.9 18.1 27.1
138 11.0 10.2 15.4

