

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070920\
 Data File : BG045996.D
 Acq On : 9 Jul 2020 16:00
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 09 16:41:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	164467	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	634005	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	368890	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	738820	20.00	ng	0.00
76) Chrysene-d12	21.63	240	636634	20.00	ng	0.00
86) Perylene-d12	24.78	264	656167	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	765947	75.52	ng	0.00
7) Phenol-d6	7.17	99	1122936	76.91	ng	0.00
23) Nitrobenzene-d5	9.16	82	1001521	90.92	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	270136	78.90	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1809935	76.53	ng	0.00
79) Terphenyl-d14	19.98	244	2198974	76.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	188910	40.374	ng	99
3) Pyridine	3.90	79	563580	39.835	ng	96
4) n-Nitrosodimethylamine	3.82	42	199250	41.649	ng	# 96
6) Aniline	7.33	93	709339	37.975	ng	99
8) 2-Chlorophenol	7.57	128	412155	37.752	ng	99
9) Benzaldehyde	7.14	77	333706	36.072	ng	95
10) Phenol	7.20	94	560593	38.274	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	471794	38.953	ng	97
12) 1,3-Dichlorobenzene	7.90	146	472422	37.542	ng	99
13) 1,4-Dichlorobenzene	8.04	146	468253	37.826	ng	100
14) 1,2-Dichlorobenzene	8.36	146	446923	37.512	ng	97
15) Benzyl Alcohol	8.23	79	441645	38.576	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	618455	39.136	ng	98
17) 2-Methylphenol	8.44	107	412920	37.571	ng	98
18) Hexachloroethane	9.09	117	179652	37.717	ng	94
19) n-Nitroso-di-n-propylamine	8.82	70	391873	38.203	ng	97
20) 3+4-Methylphenols	8.77	107	573937	38.317	ng	99
22) Acetophenone	8.82	105	640455	37.813	ng	99
24) Nitrobenzene	9.20	77	545666	44.882	ng	99
25) Isophorone	9.73	82	1033857	38.447	ng	99
26) 2-Nitrophenol	9.91	139	192342	48.538	ng	94
27) 2,4-Dimethylphenol	9.97	122	360334	37.647	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	586883	38.866	ng	98
29) 2,4-Dichlorophenol	10.45	162	385912	38.948	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	417930	38.068	ng	99
31) Naphthalene	10.85	128	1292856	38.039	ng	98
32) Benzoic acid	10.11	122	237938	41.693	ng	95
33) 4-Chloroaniline	10.95	127	573306	37.747	ng	99
34) Hexachlorobutadiene	11.15	225	237524	37.054	ng	99
35) Caprolactam	11.72	113	143349	38.105	ng	97
36) 4-Chloro-3-methylphenol	12.08	107	431407	38.228	ng	100
37) 2-Methylnaphthalene	12.46	142	930325	38.506	ng	99
38) 1-Methylnaphthalene	12.68	142	875626	38.402	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	407908	39.227	ng	99

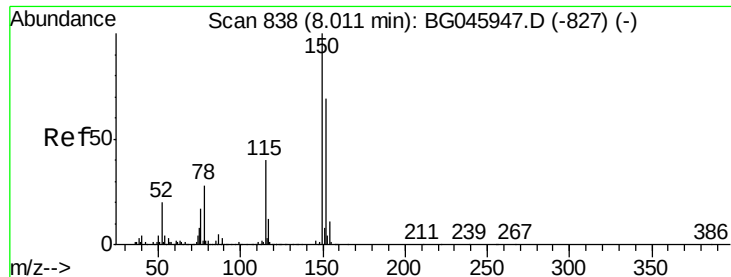
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070920\
 Data File : BG045996.D
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 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	227973	36.947	ng	97
43) 2,4,6-Trichlorophenol	13.06	196	284165	40.406	ng	97
44) 2,4,5-Trichlorophenol	13.13	196	323171	40.642	ng	99
46) 1,1'-Biphenyl	13.46	154	1089409	39.258	ng	98
47) 2-Chloronaphthalene	13.50	162	847770	38.720	ng	98
48) 2-Nitroaniline	13.70	65	299427	48.727	ng	98
49) Acenaphthylene	14.35	152	1349667	38.206	ng	99
50) Dimethylphthalate	14.09	163	1048449	37.872	ng	99
51) 2,6-Dinitrotoluene	14.19	165	226689	45.934	ng	99
52) Acenaphthene	14.69	154	867204	38.919	ng	99
53) 3-Nitroaniline	14.52	138	270511	44.739	ng	# 91
54) 2,4-Dinitrophenol	14.73	184	76503	44.256	ng	87
55) Dibenzofuran	15.03	168	1241026	37.995	ng	99
56) 4-Nitrophenol	14.82	139	210836	46.745	ng	96
57) 2,4-Dinitrotoluene	14.98	165	301740	47.527	ng	93
58) Fluorene	15.67	166	1004907	37.504	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	247010	40.234	ng	91
60) Diethylphthalate	15.45	149	1083534	37.320	ng	100
61) 4-Chlorophenyl-phenylether	15.67	204	499469	37.469	ng	99
62) 4-Nitroaniline	15.68	138	270643	47.300	ng	94
63) Azobenzene	15.97	77	1209161	38.803	ng	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	113272	45.018	ng	99
66) n-Nitrosodiphenylamine	15.88	169	896174	39.143	ng	100
67) 4-Bromophenyl-phenylether	16.56	248	321913	39.012	ng	99
68) Hexachlorobenzene	16.68	284	318951	38.519	ng	96
69) Atrazine	16.83	200	252918	37.364	ng	96
70) Pentachlorophenol	17.02	266	187844	40.803	ng	98
71) Phenanthrene	17.41	178	1501208	38.434	ng	98
72) Anthracene	17.50	178	1512836	38.166	ng	99
73) Carbazole	17.77	167	1505734	37.897	ng	99
74) Di-n-butylphthalate	18.34	149	1785116	37.180	ng	99
75) Fluoranthene	19.42	202	1707241	37.810	ng	98
77) Benzidine	19.60	184	750986	41.256	ng	98
78) Pyrene	19.78	202	1734206	39.907	ng	99
80) Butylbenzylphthalate	20.68	149	822979	40.075	ng	99
81) Benzo(a)anthracene	21.61	228	1585023	37.864	ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	587327	37.970	ng	99
83) Chrysene	21.68	228	1517368	38.049	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1146872	38.473	ng	98
85) Di-n-octyl phthalate	22.75	149	1955602	37.804	ng	99
87) Indeno(1,2,3-cd)pyrene	28.37	276	1921887	40.037	ng	98
88) Benzo(b)fluoranthene	23.79	252	1704112	40.911	ng	99
89) Benzo(k)fluoranthene	23.85	252	1562386	39.668	ng	100
90) Benzo(a)pyrene	24.64	252	1575264	40.217	ng	99
91) Dibenzo(a,h)anthracene	28.43	278	1538321	39.732	ng	100
92) Benzo(g,h,i)perylene	29.48	276	1529211	39.248	ng	99

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

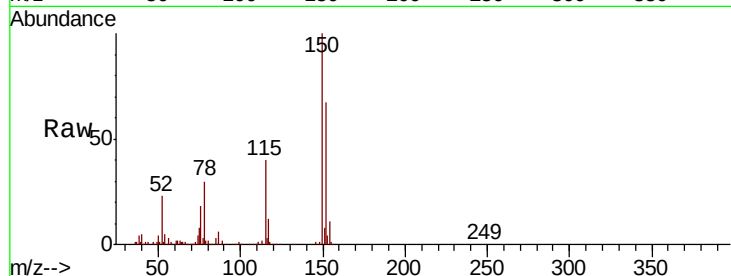


#1

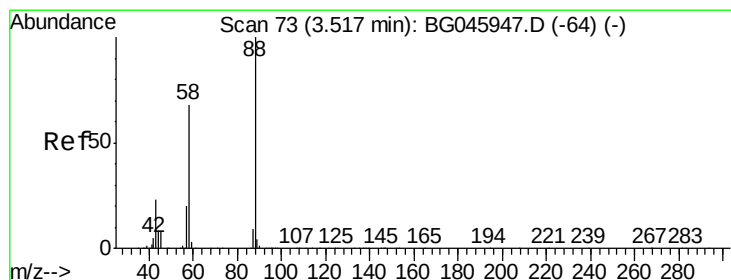
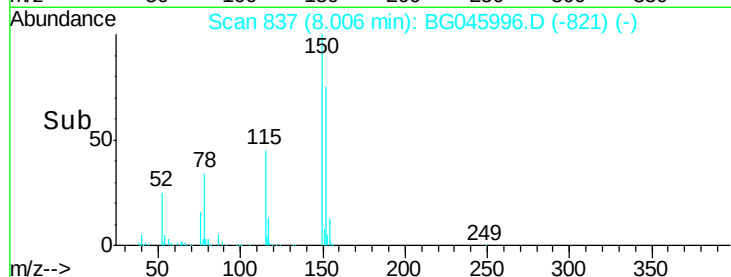
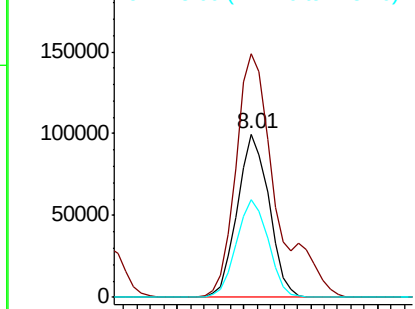
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	116.7	175.1
115	60.0	47.4	71.0



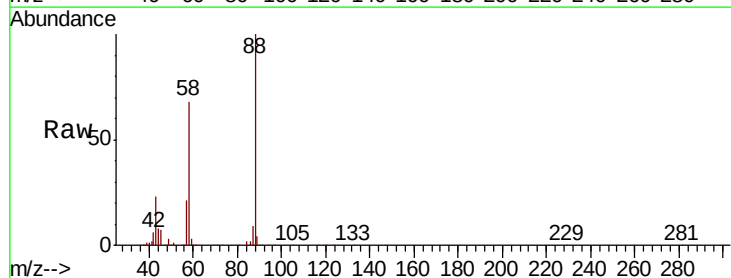
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



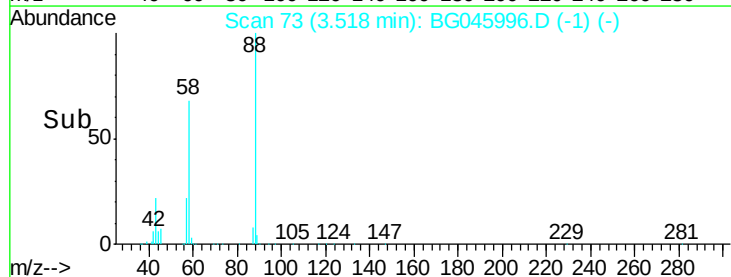
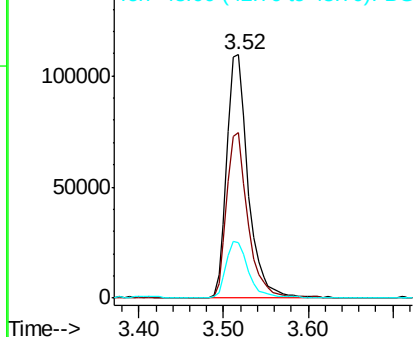
#2

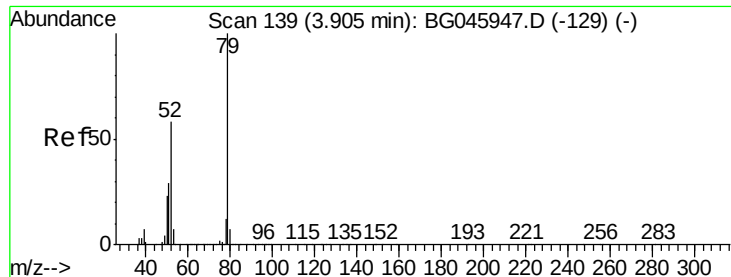
1,4-Dioxane
Concen: 40.374 ng
RT: 3.52 min Scan# 73
Delta R.T. 0.00 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	55.2	82.8
43	24.6	19.4	29.0



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: 39.835 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

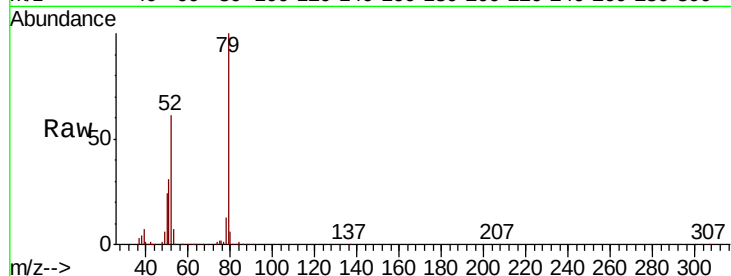
Tot Ion: 79 Resp: 563580

Ion Ratio Lower Upper

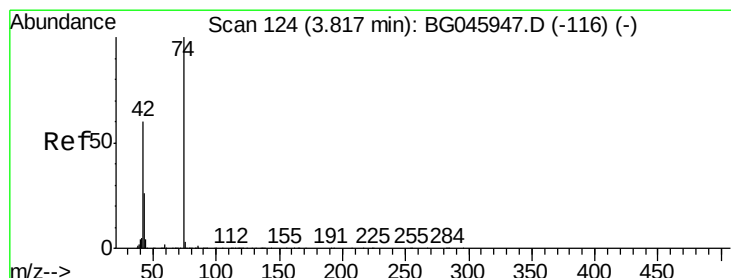
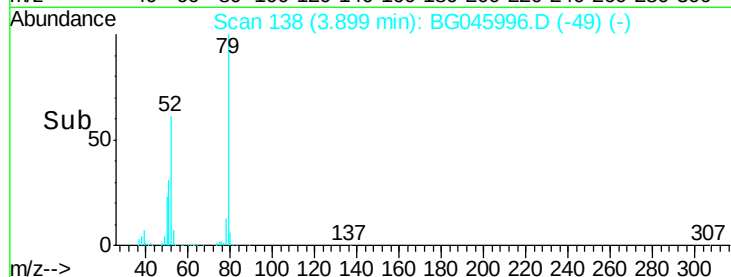
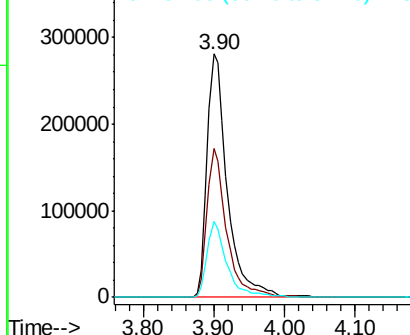
79 100

52 60.9 46.5 69.7

51 31.3 23.5 35.3



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: 41.649 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.00 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

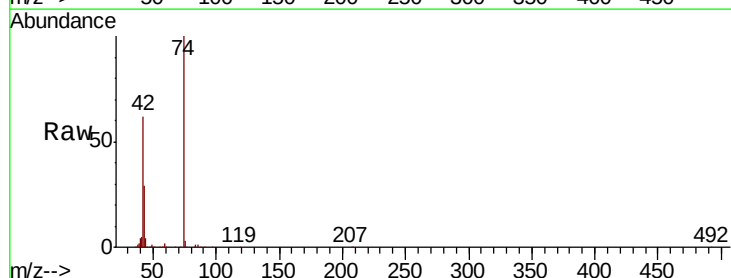
Tgt Ion: 42 Resp: 199250

Ion Ratio Lower Upper

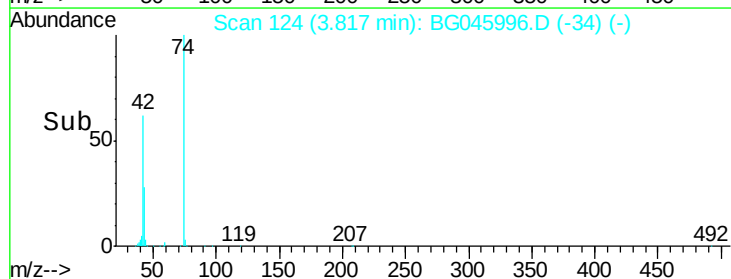
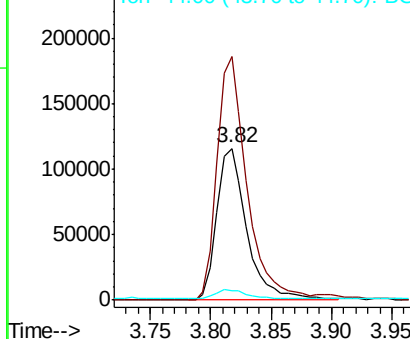
42 100

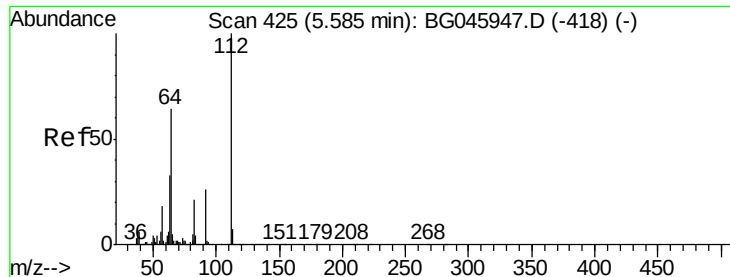
74 160.6 131.9 197.9

44 6.1 7.7 11.5#



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: 75.523 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

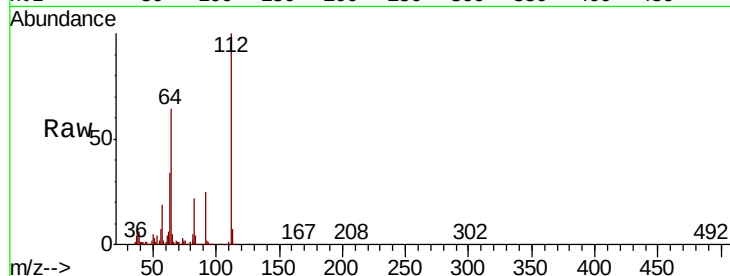
Tot Ion:112 Resp: 765947

Ion Ratio Lower Upper

112 100

64 63.9 51.4 77.2

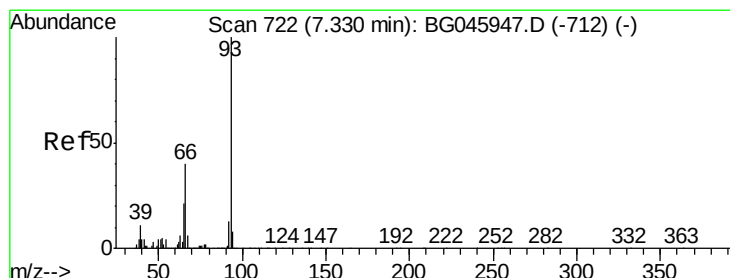
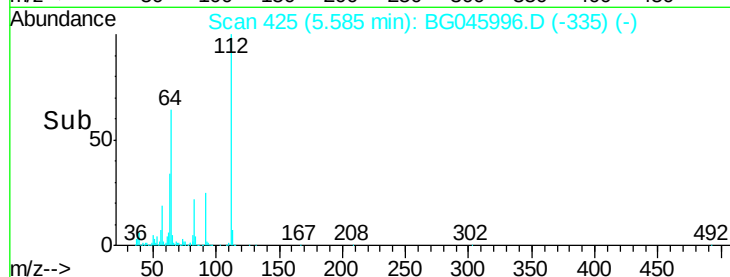
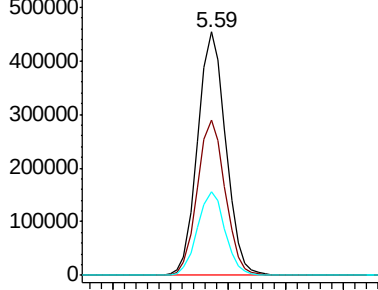
63 34.2 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.975 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

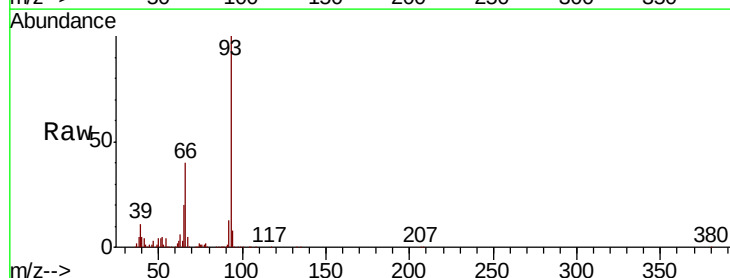
Tgt Ion: 93 Resp: 709339

Ion Ratio Lower Upper

93 100

66 39.7 32.3 48.5

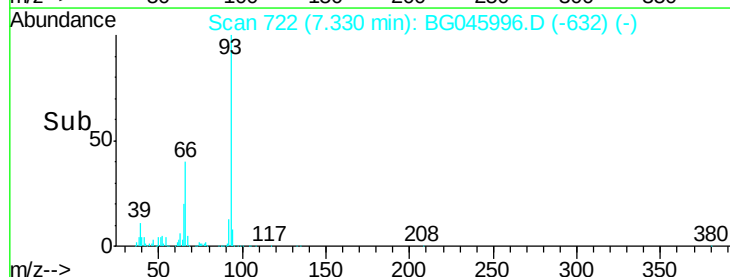
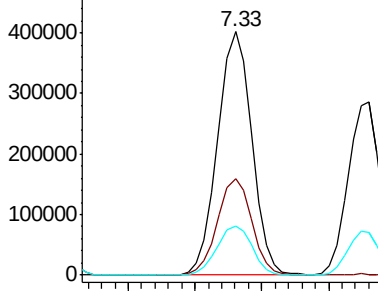
65 20.3 16.6 25.0

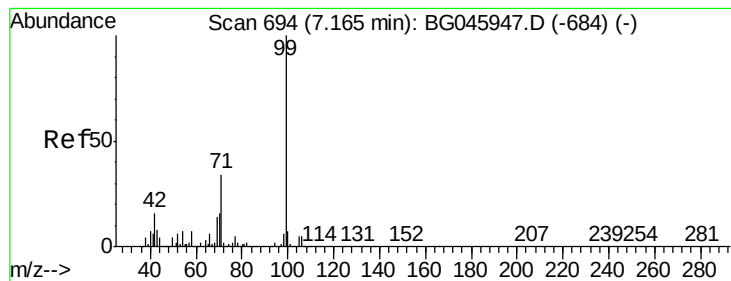


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.906 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

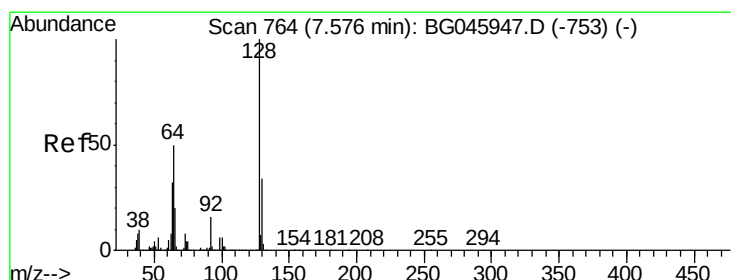
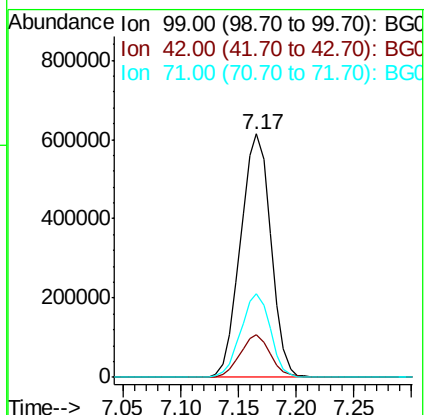
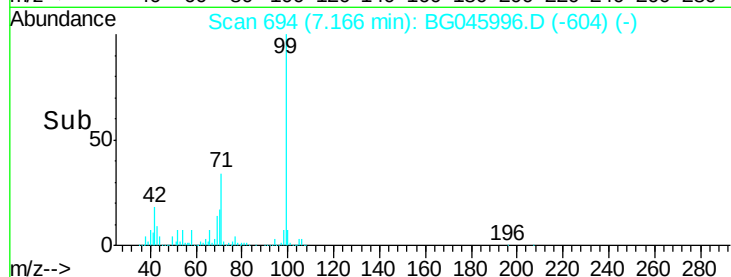
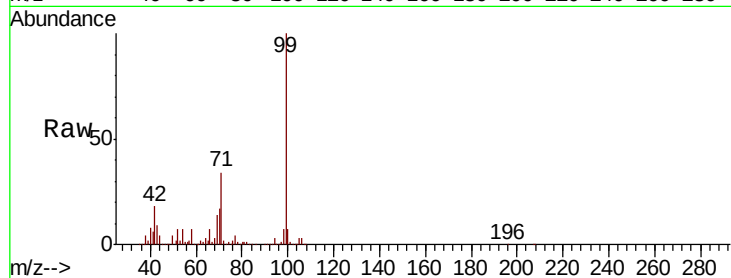
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1122936

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.0	19.4
71	34.1	27.5	41.3



#8

2-Chlorophenol

Concen: 37.752 ng

RT: 7.57 min Scan# 763

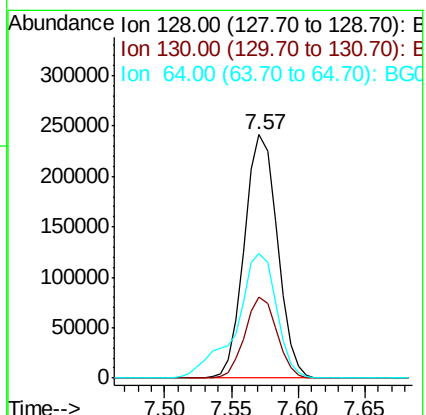
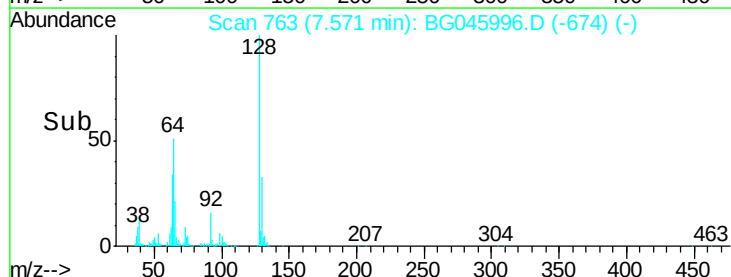
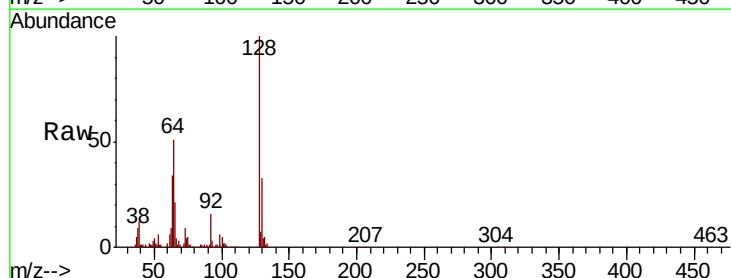
Delta R.T. -0.01 min

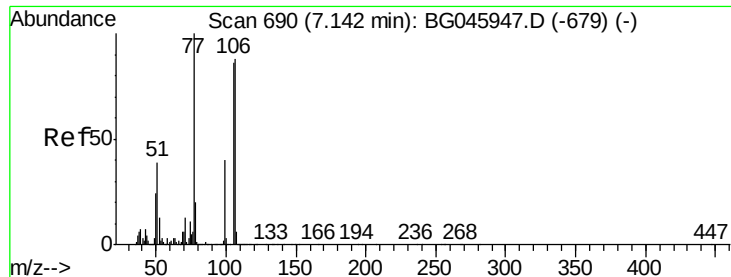
Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Tgt Ion: 128 Resp: 412155

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.6	53.6
64	51.4	30.6	70.6





#9

Benzaldehyde

Concen: 36.072 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

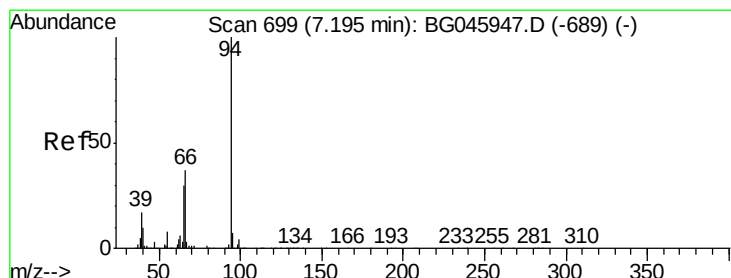
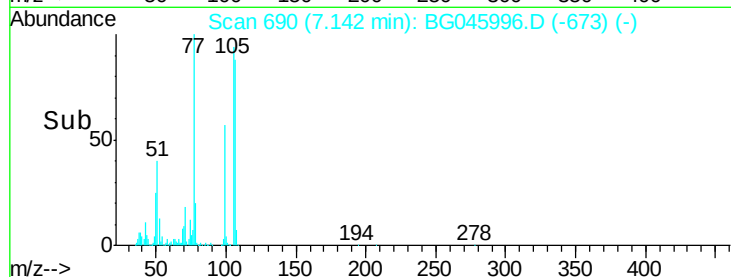
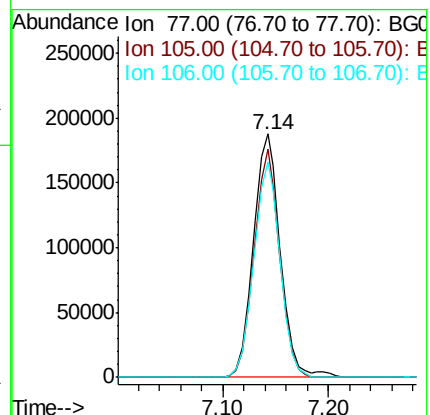
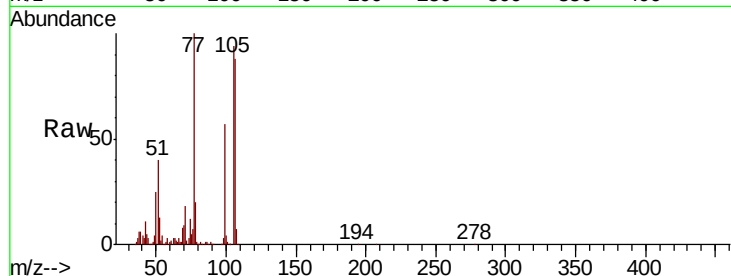
Tot Ion: 77 Resp: 333706

Ion Ratio Lower Upper

77 100

105 93.7 66.0 106.0

106 88.4 67.7 107.7



#10

Phenol

Concen: 38.274 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

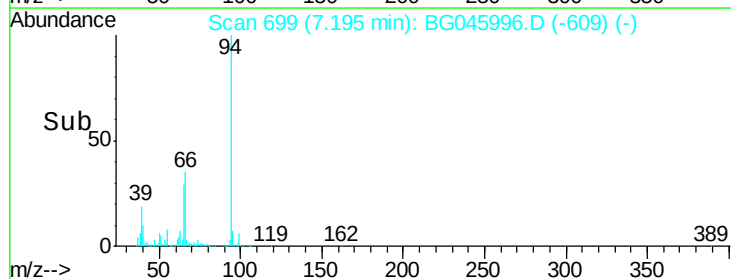
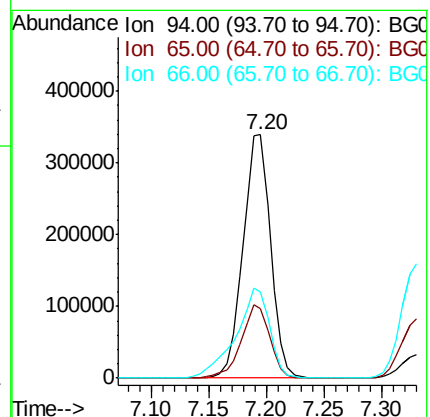
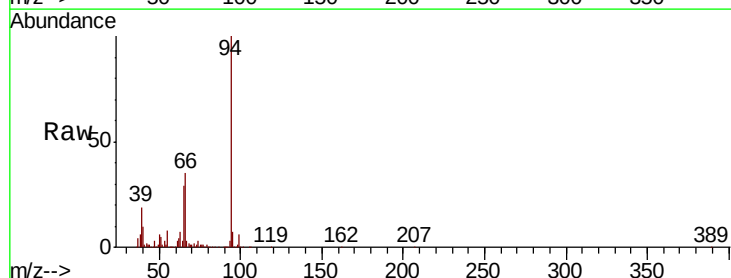
Tgt Ion: 94 Resp: 560593

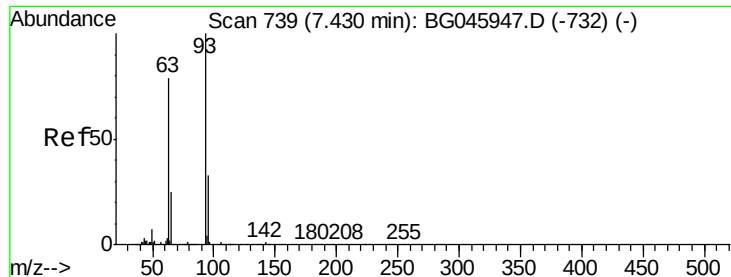
Ion Ratio Lower Upper

94 100

65 28.8 10.6 50.6

66 35.1 17.1 57.1

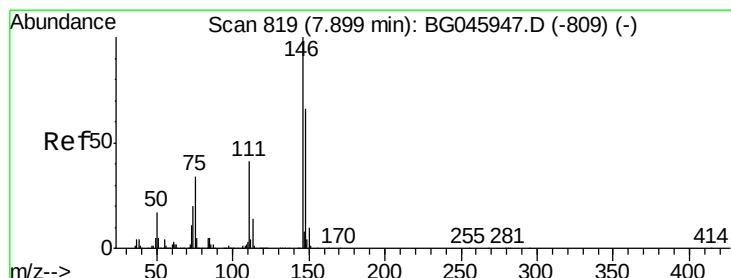
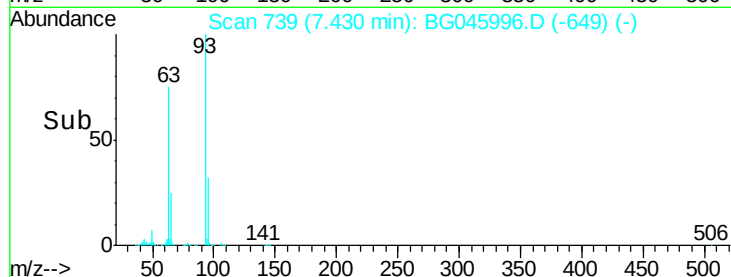
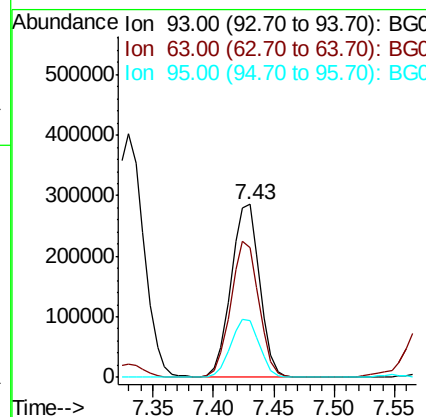
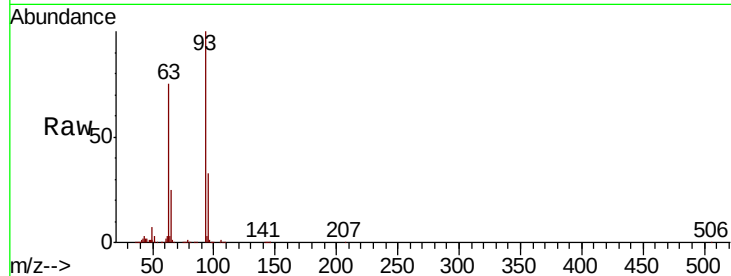




#11
bis(2-Chloroethyl)ether
Concen: 38.953 ng
RT: 7.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

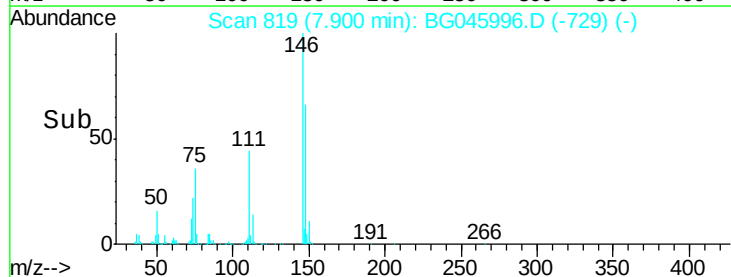
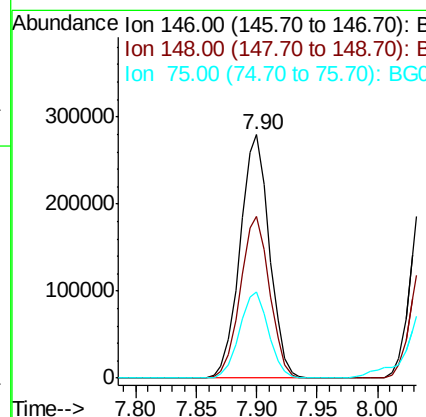
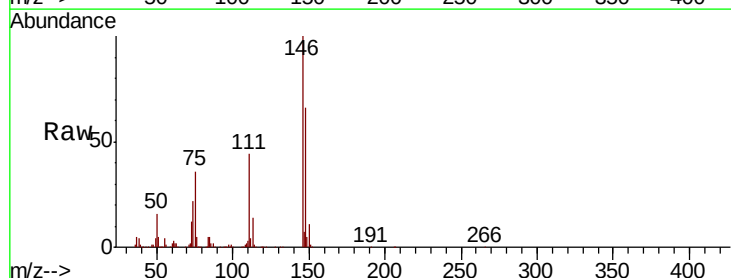
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

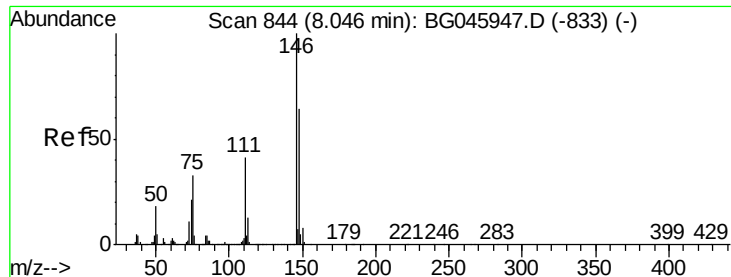
Tot Ion: 93 Resp: 471794
Ion Ratio Lower Upper
93 100
63 75.3 58.6 98.6
95 32.5 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 37.542 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Tgt Ion: 146 Resp: 472422
Ion Ratio Lower Upper
146 100
148 66.4 52.8 79.2
75 35.7 27.2 40.8

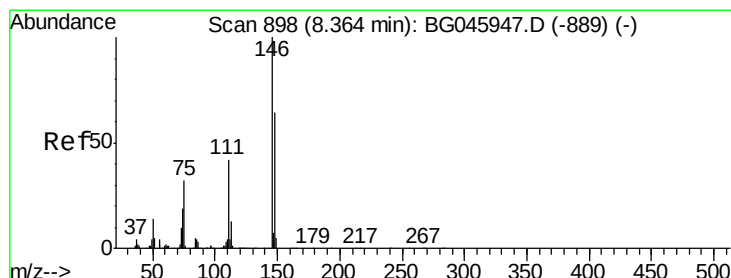
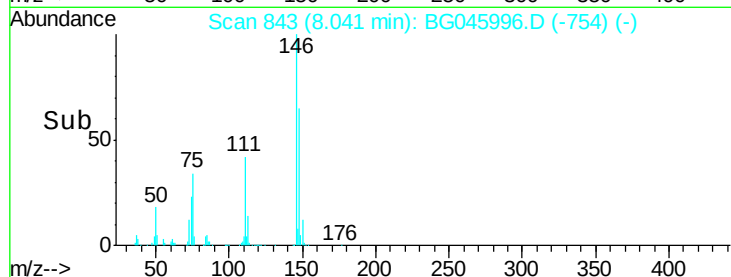
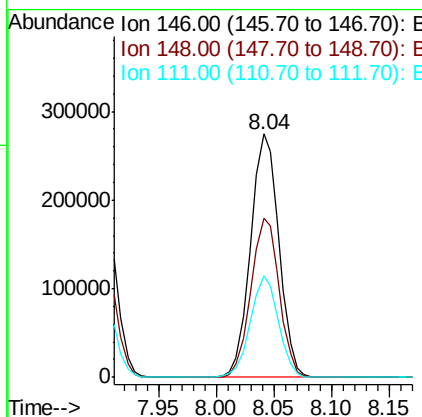
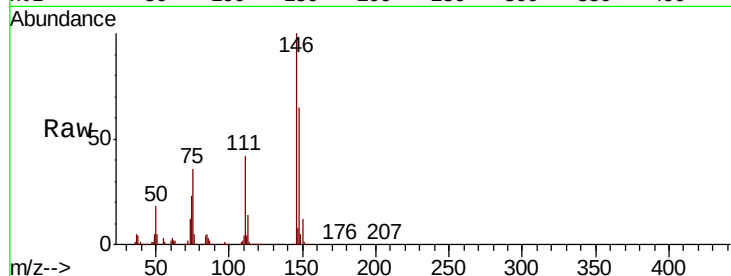




#13
 1,4-Dichlorobenzene
 Concen: 37.826 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG045996.D
 Acq: 9 Jul 2020 16:00

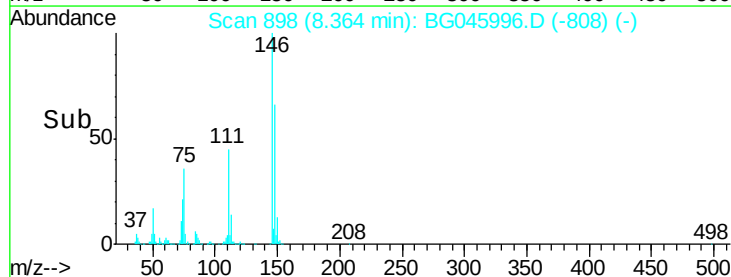
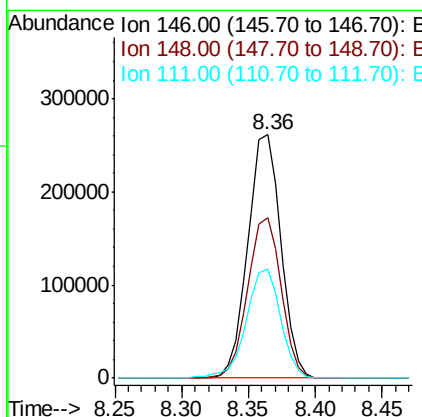
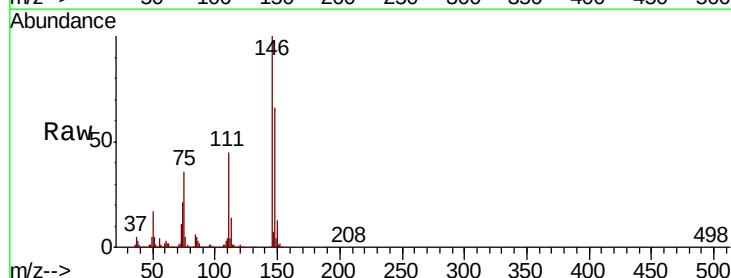
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

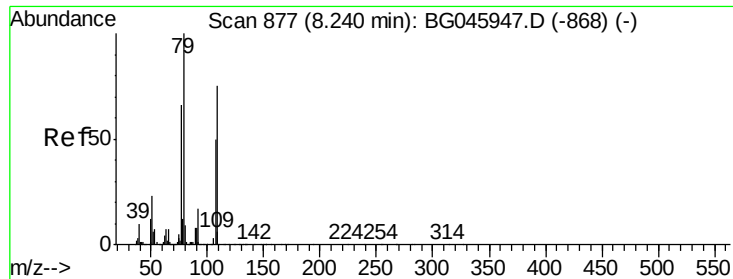
Tot Ion:146 Resp: 468253
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.7 77.5
 111 41.7 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 37.512 ng
 RT: 8.36 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG045996.D
 Acq: 9 Jul 2020 16:00

Tgt Ion:146 Resp: 446923
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.6 77.4
 111 44.7 34.0 51.0





#15

Benzyl Alcohol

Concen: 38.576 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

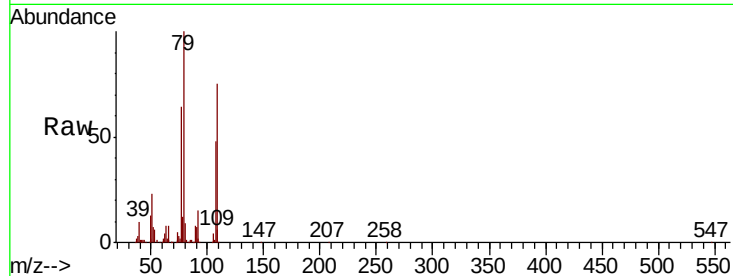
Tot Ion: 79 Resp: 441645

Ion Ratio Lower Upper

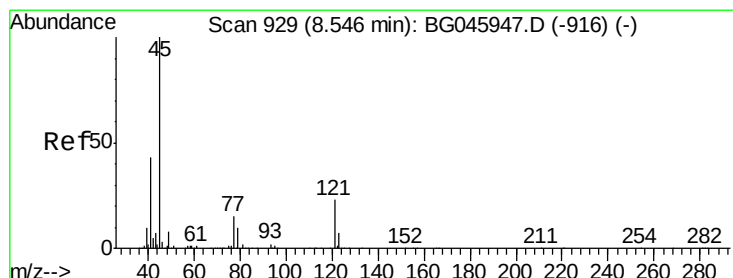
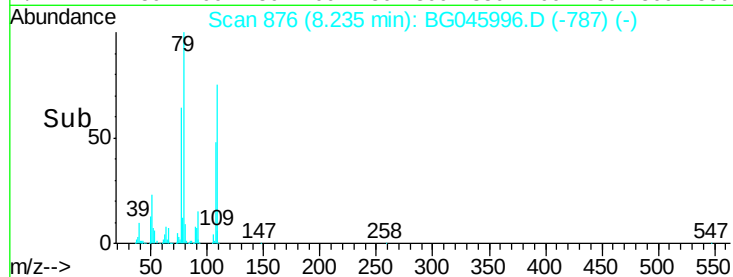
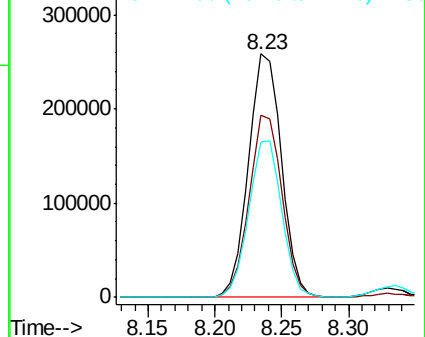
79 100

108 74.8 60.2 90.4

77 63.6 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.136 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

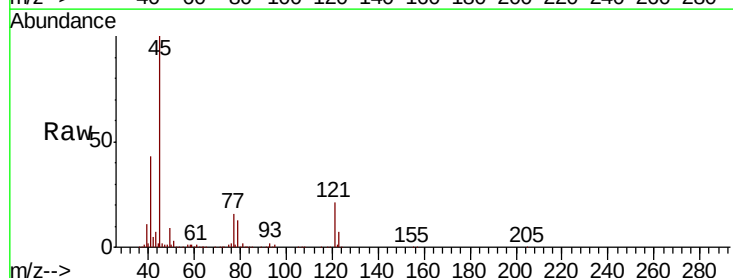
Tgt Ion: 45 Resp: 618455

Ion Ratio Lower Upper

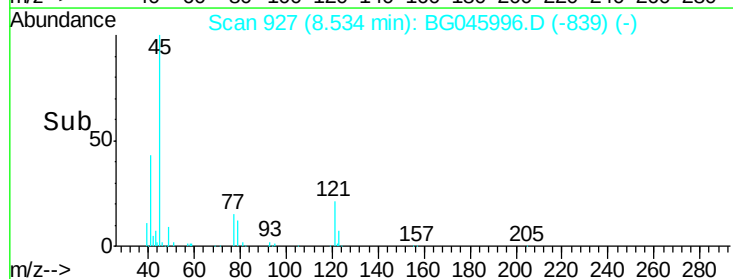
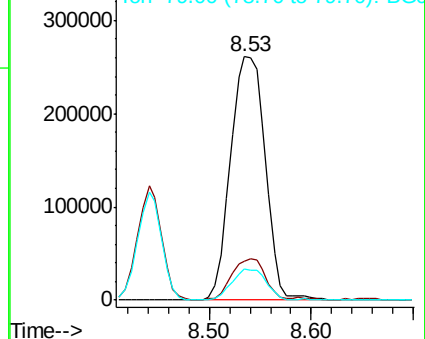
45 100

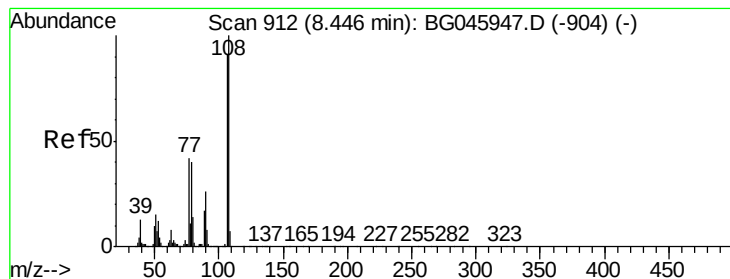
77 16.2 0.0 37.6

79 12.8 0.0 32.6



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

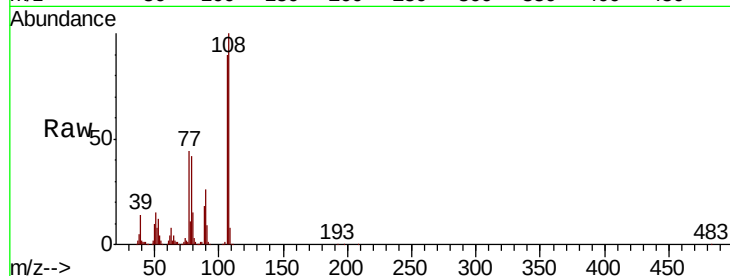




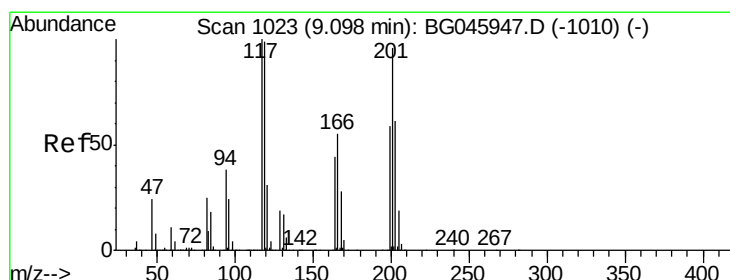
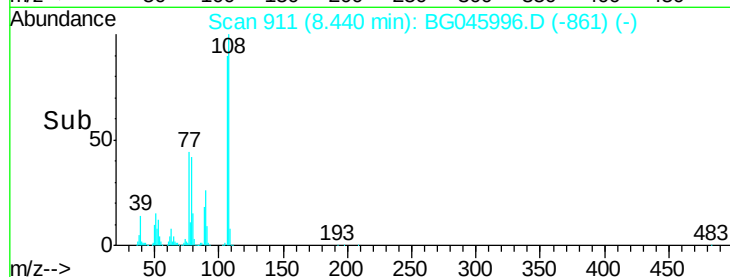
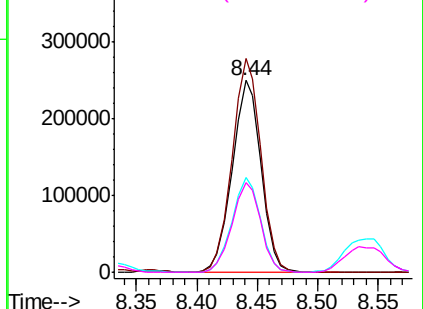
#17
2-Methylphenol
Concen: 37.571 ng
RT: 8.44 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:107 Resp: 412920
Ion Ratio Lower Upper
107 100
108 111.4 88.2 132.4
77 49.2 37.0 55.4
79 46.5 35.4 53.0

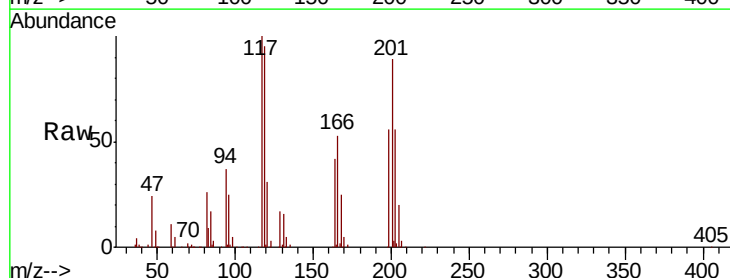


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

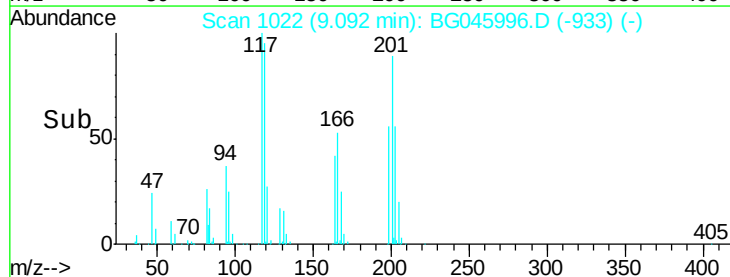
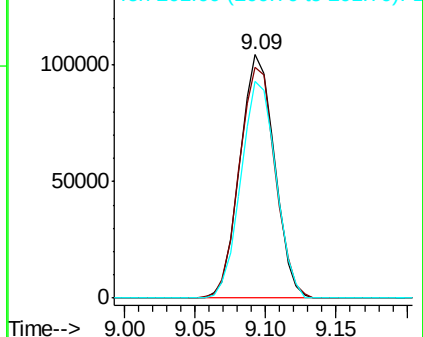


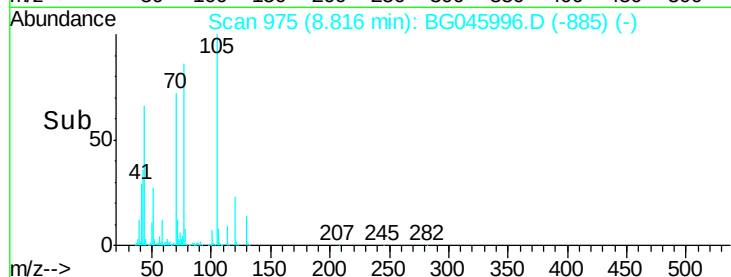
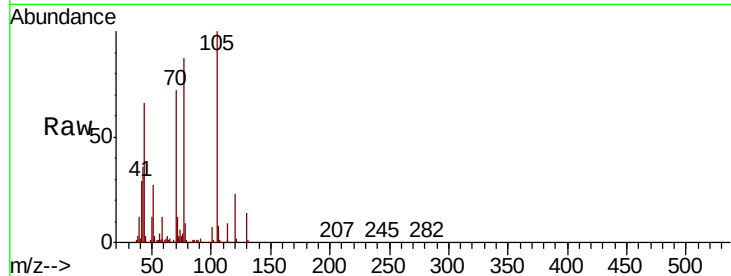
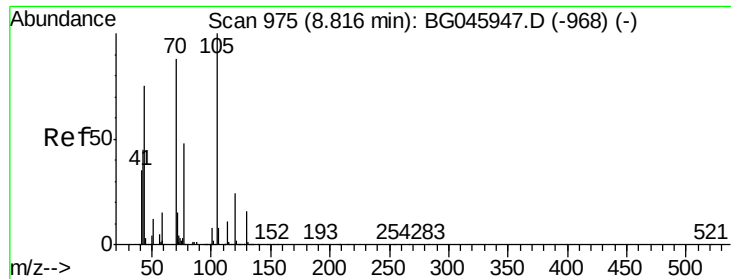
#18
Hexachloroethane
Concen: 37.717 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Tgt Ion:117 Resp: 179652
Ion Ratio Lower Upper
117 100
119 95.0 79.5 119.3
201 89.3 77.0 115.4



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

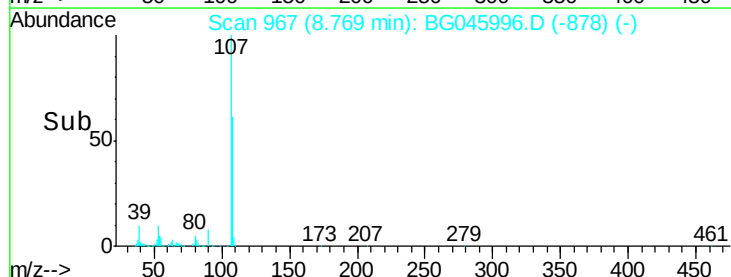
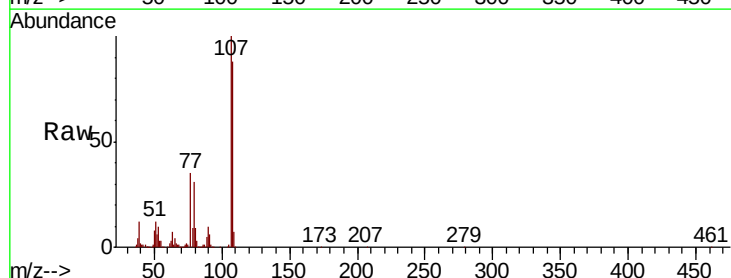
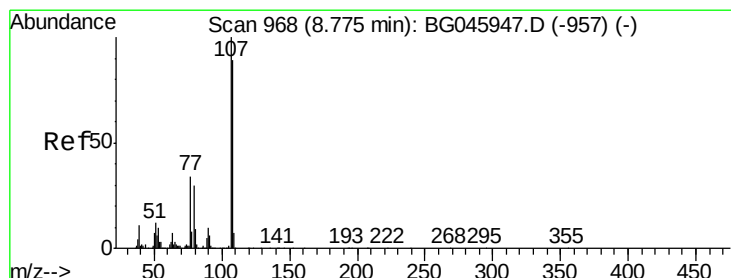
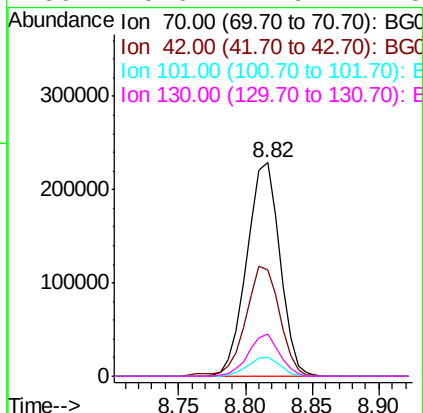




#19
n-Nitroso-di-n-propylamine
Concen: 38.203 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

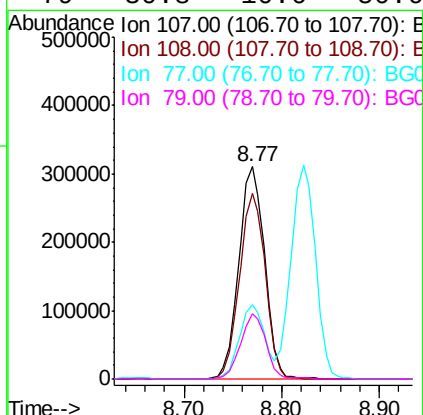
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

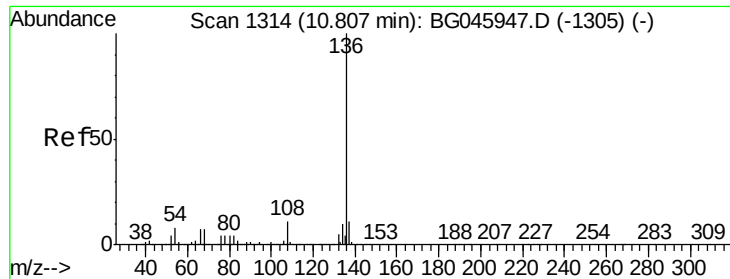
Tot Ion:	70	Resp:	391873
Ion	Ratio	Lower	Upper
70	100		
42	49.5	41.4	62.0
101	9.1	7.1	10.7
130	19.6	14.9	22.3



#20
3+4-Methylphenols
Concen: 38.317 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Tgt Ion:	107	Resp:	573937
Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.7	108.7
77	34.7	14.6	54.6
79	30.8	10.6	50.6

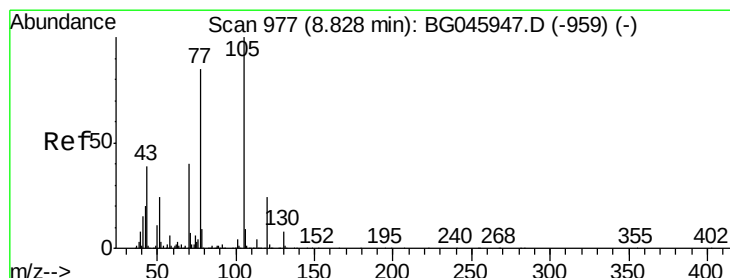
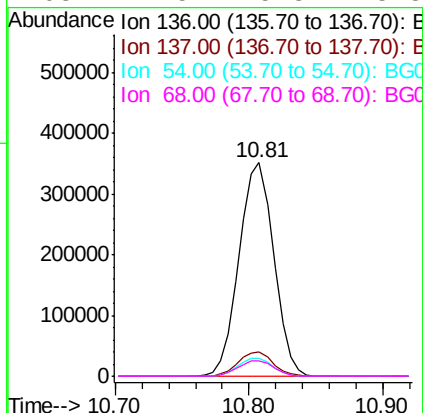
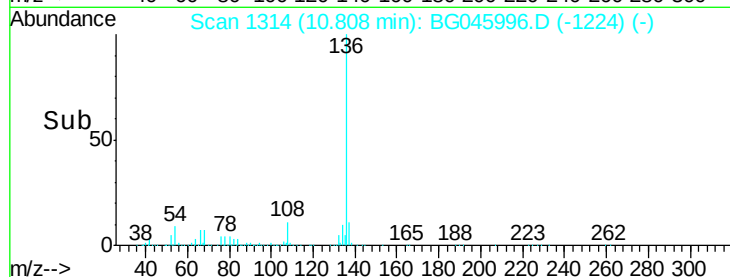
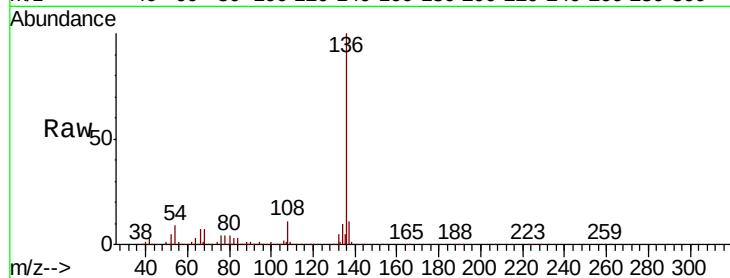




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

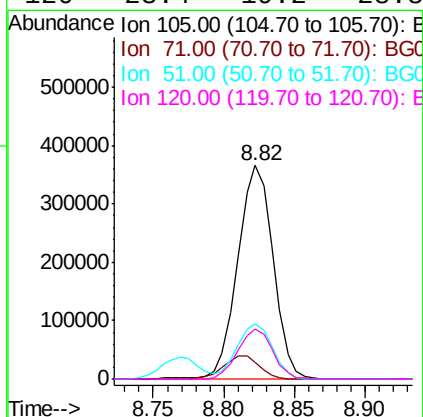
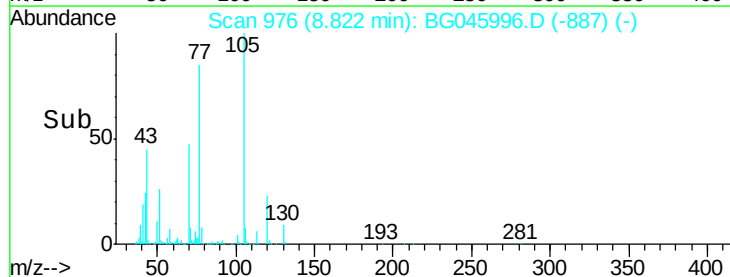
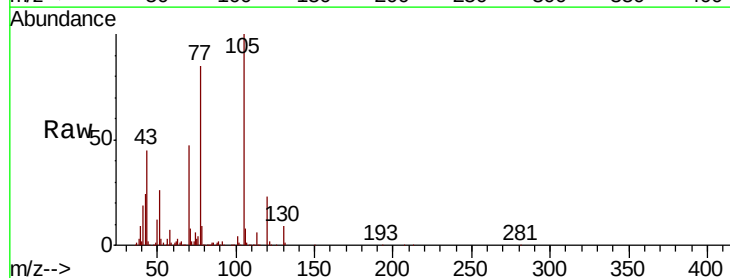
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

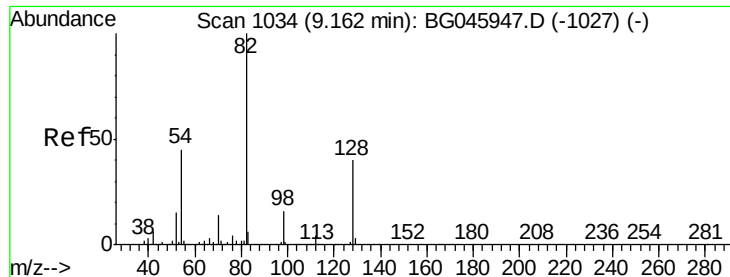
Tot Ion:136	Resp: 634005
Ion Ratio	Lower Upper
136 100	
137 11.2	9.2 13.8
54 8.5	6.2 9.4
68 7.5	5.8 8.8



#22
Acetophenone
Concen: 37.813 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Tgt	Ion:105	Resp:	640455
Ion	Ratio	Lower	Upper
105	100		
71	7.5	6.2	9.2
51	25.6	19.7	29.5
120	23.4	19.2	28.8

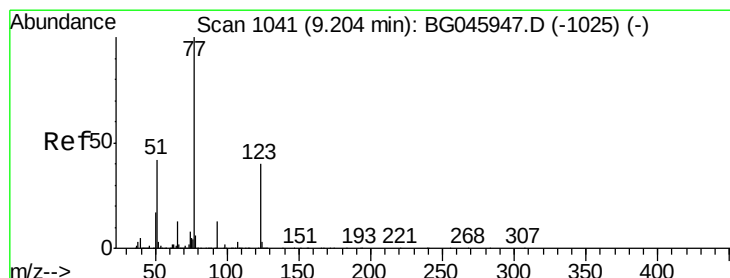
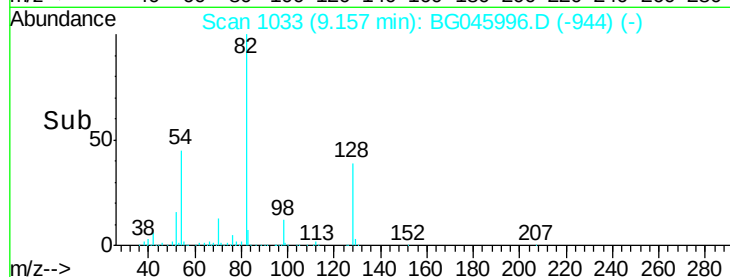
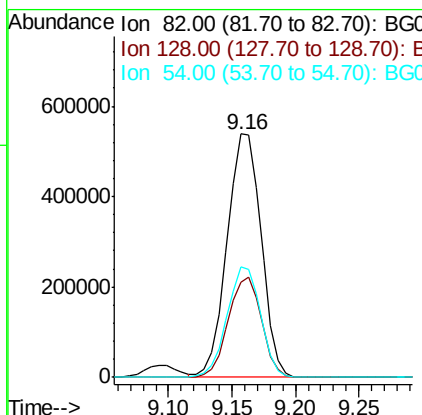
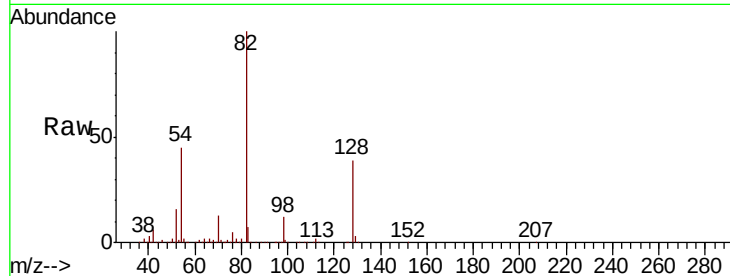




#23
 Nitrobenzene-d5
 Concen: 90.923 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG045996.D
 Acq: 9 Jul 2020 16:00

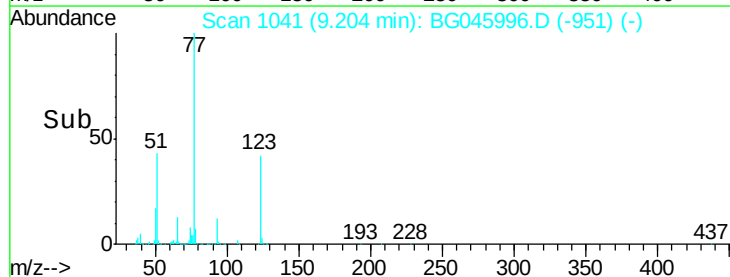
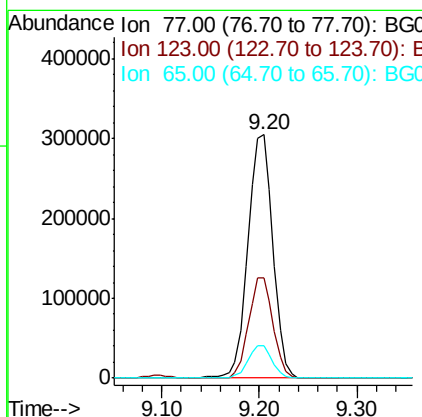
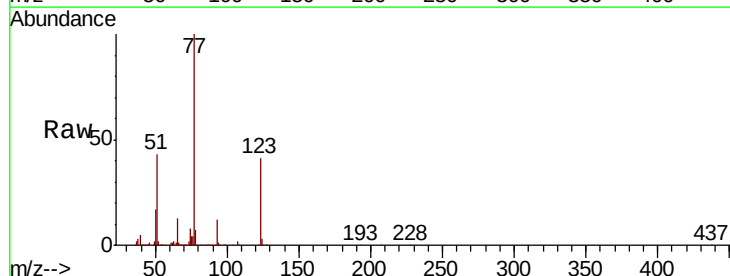
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

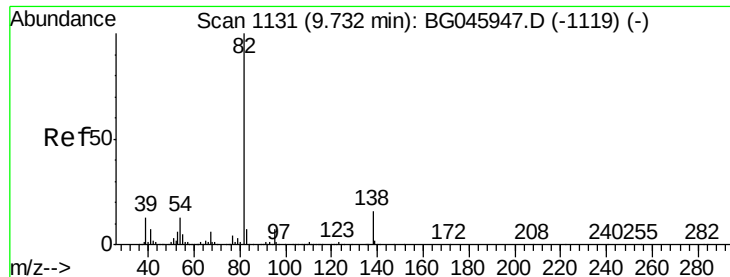
Tot Ion	82	Resp	1001521
Ion	Ratio	Lower	Upper
82	100		
128	39.2	32.2	48.4
54	45.3	35.8	53.6



#24
 Nitrobenzene
 Concen: 44.882 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG045996.D
 Acq: 9 Jul 2020 16:00

Tgt Ion	77	Resp	545666
Ion	Ratio	Lower	Upper
77	100		
123	41.4	32.7	49.1
65	13.2	10.2	15.4





#25

Isophorone

Concen: 38.447 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

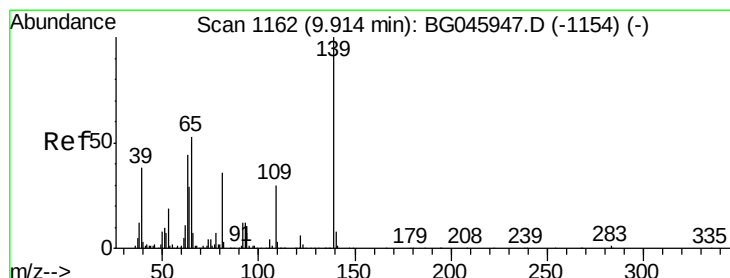
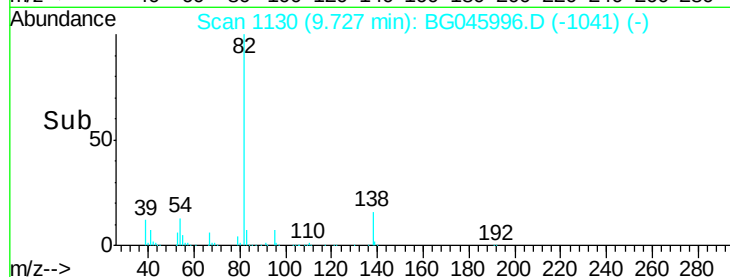
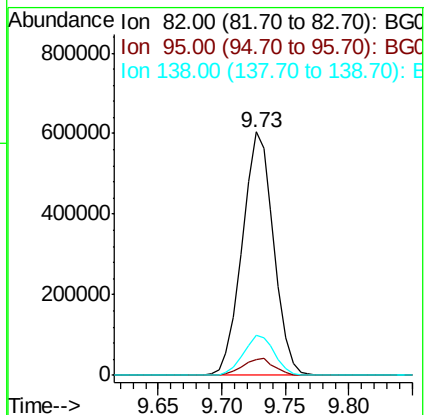
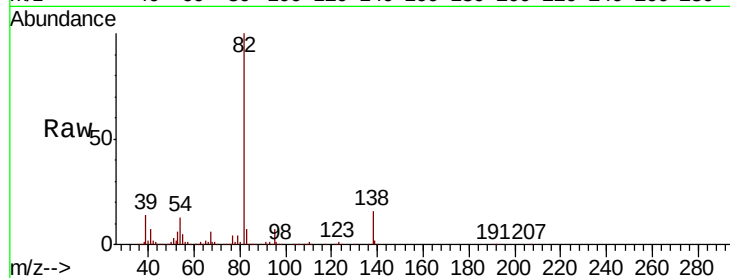
Tot Ion: 82 Resp: 1033857

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

138 16.4 12.9 19.3



#26

2-Nitrophenol

Concen: 48.538 ng

RT: 9.91 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

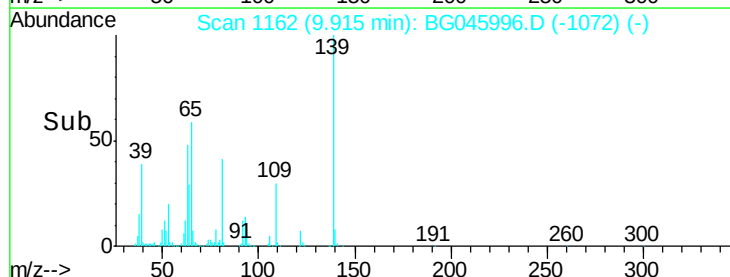
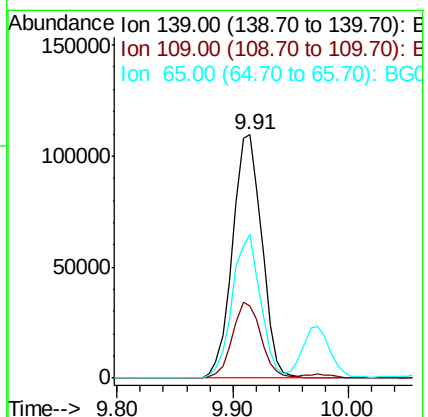
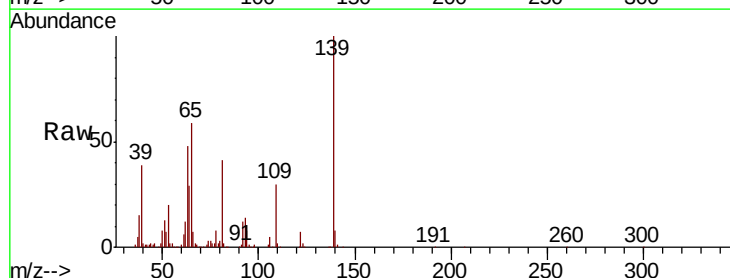
Tgt Ion: 139 Resp: 192342

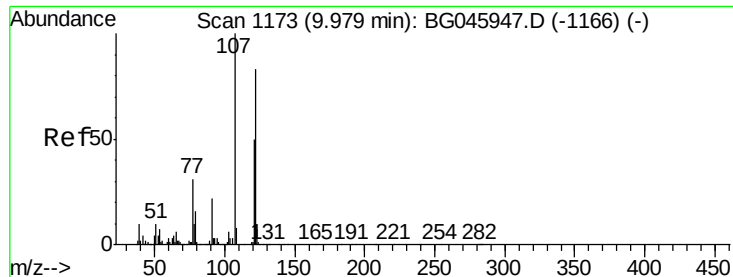
Ion Ratio Lower Upper

139 100

109 29.7 24.6 37.0

65 59.3 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 37.647 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

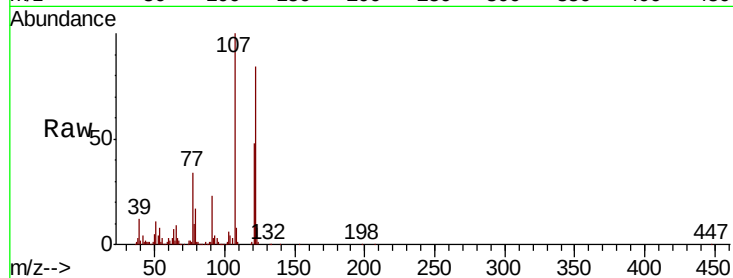
Tot Ion:122 Resp: 360334

Ion Ratio Lower Upper

122 100

107 119.3 95.6 143.4

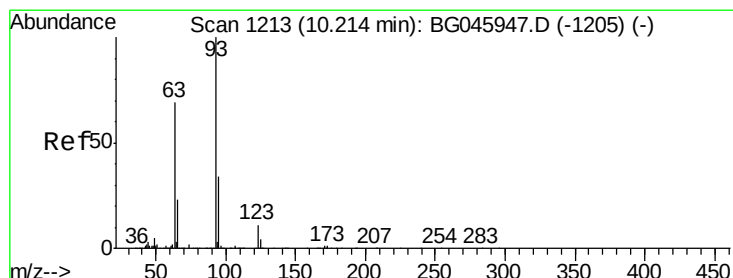
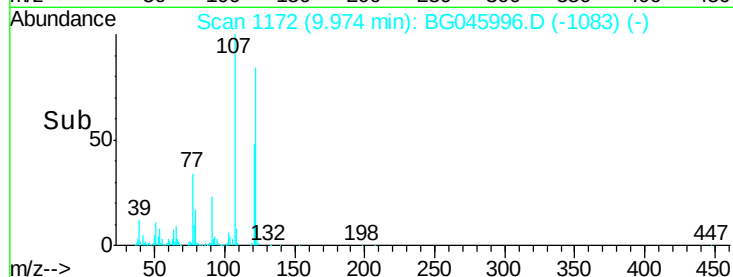
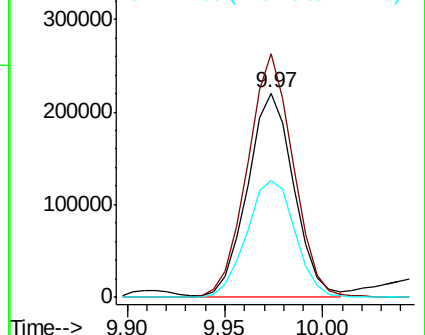
121 57.1 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.866 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

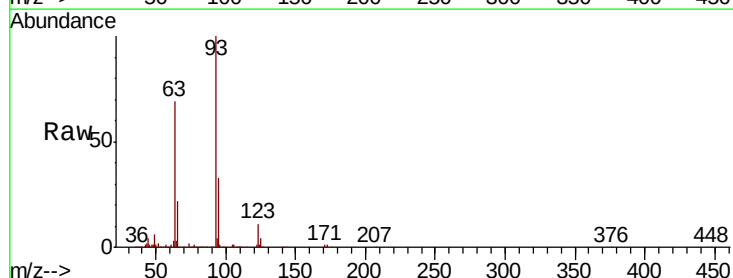
Tgt Ion: 93 Resp: 586883

Ion Ratio Lower Upper

93 100

95 33.2 27.5 41.3

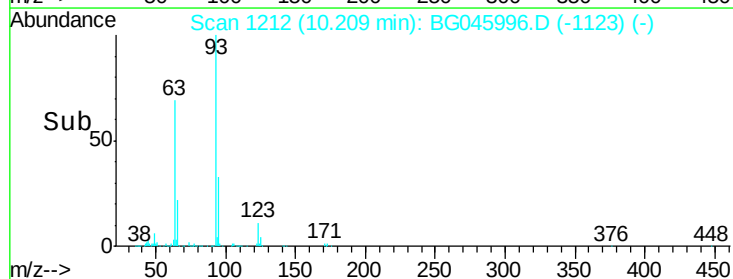
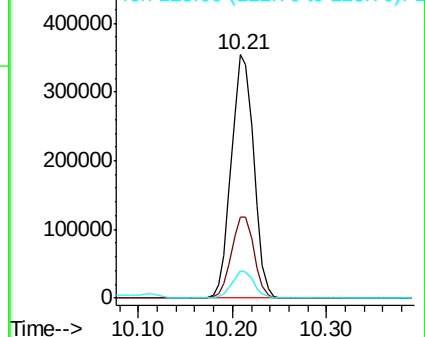
123 11.4 9.2 13.8

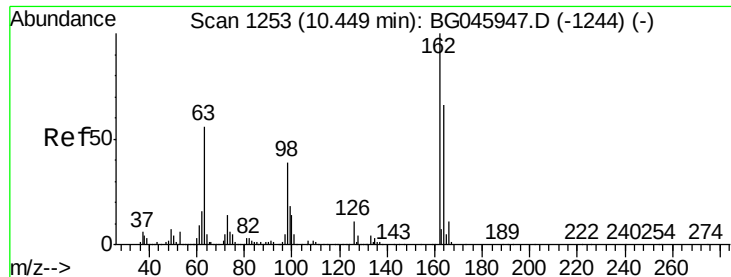


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

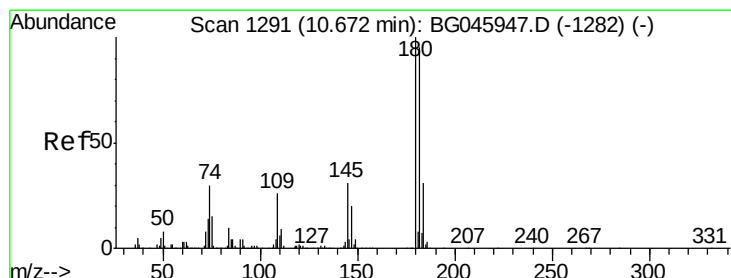
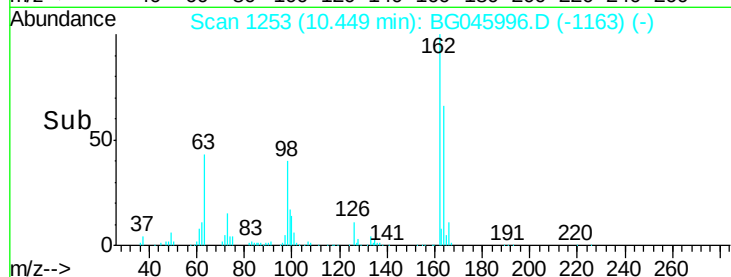
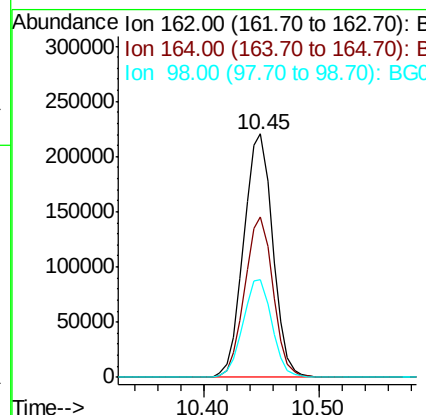
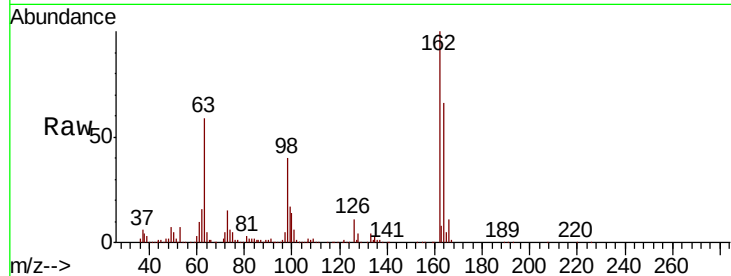




#29
 2,4-Dichlorophenol
 Concen: 38.948 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG045996.D
 Acq: 9 Jul 2020 16:00

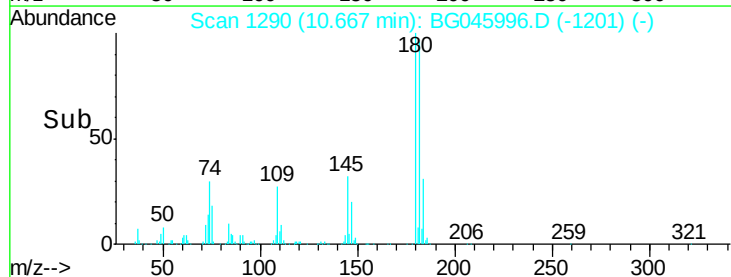
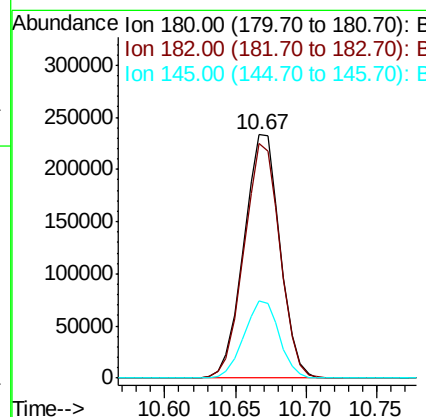
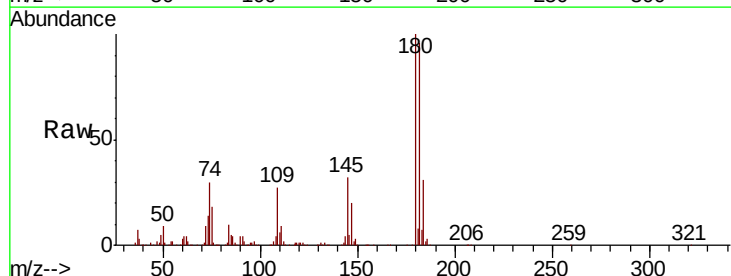
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

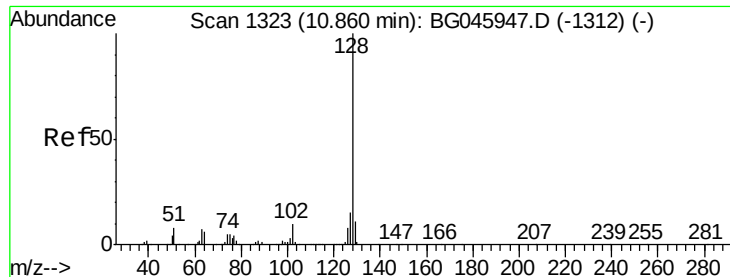
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	46.0	86.0
98	40.1	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 38.068 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BG045996.D
 Acq: 9 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.3	114.5
145	31.9	24.8	37.2

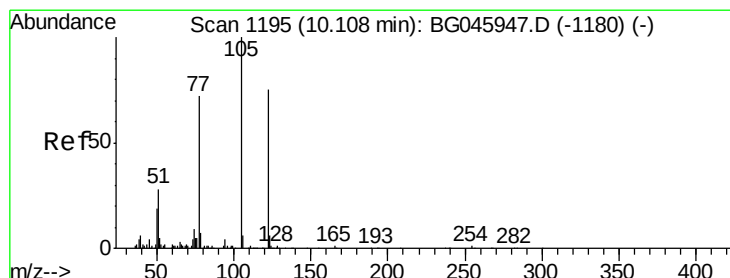
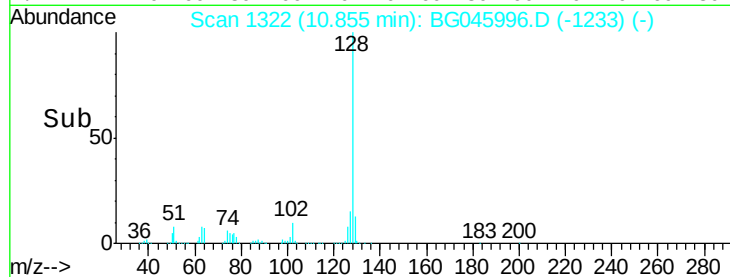
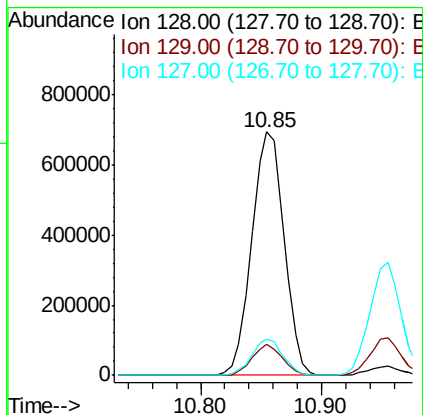
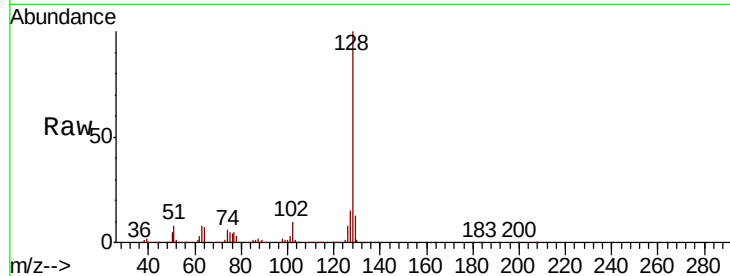




#31
Naphthalene
Concen: 38.039 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

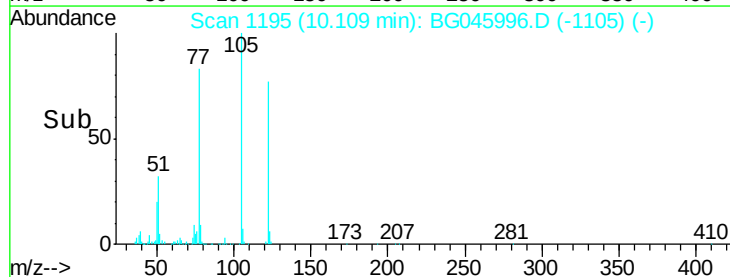
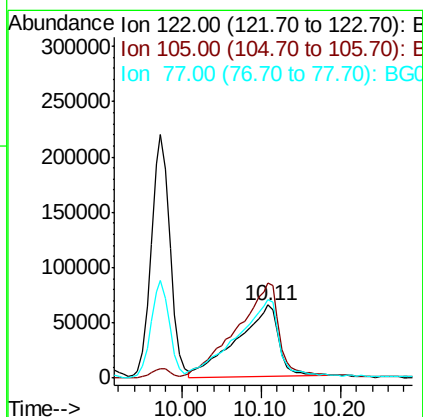
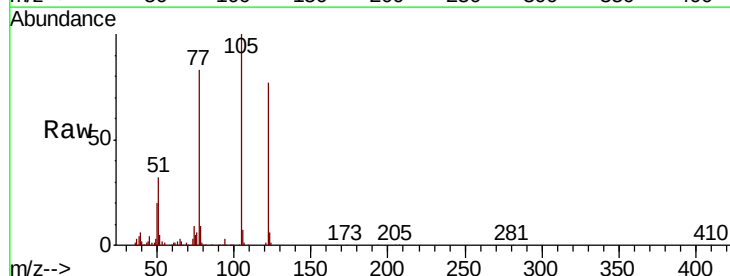
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

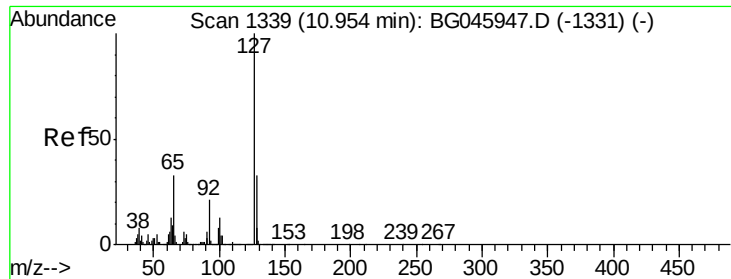
Tot Ion:128 Resp: 1292856
Ion Ratio Lower Upper
128 100
129 12.6 9.2 13.8
127 14.9 11.8 17.6



#32
Benzoic acid
Concen: 41.693 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Tgt Ion:122 Resp: 237938
Ion Ratio Lower Upper
122 100
105 129.5 110.8 150.8
77 107.1 76.4 116.4

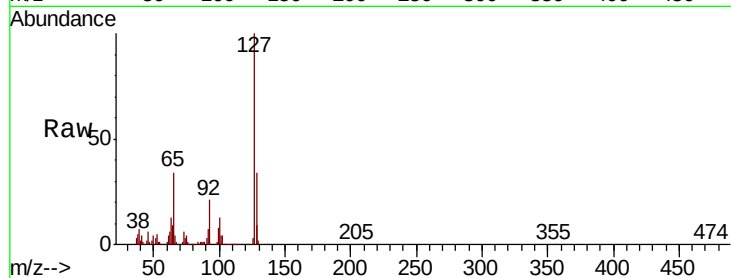




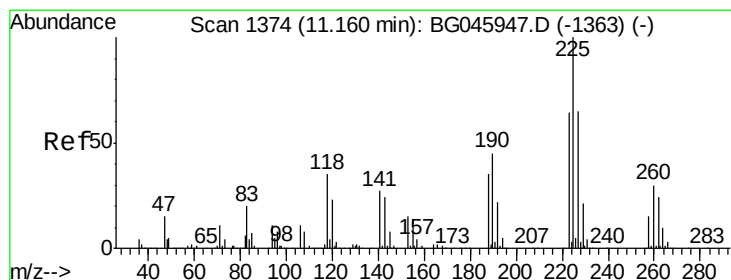
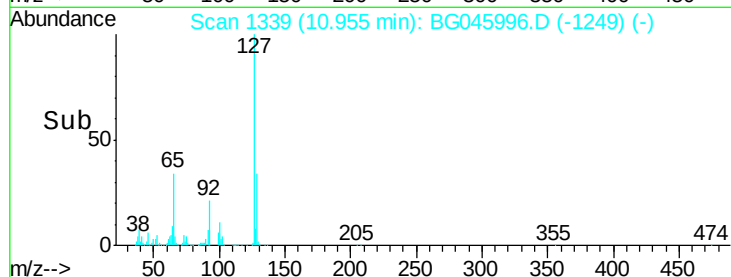
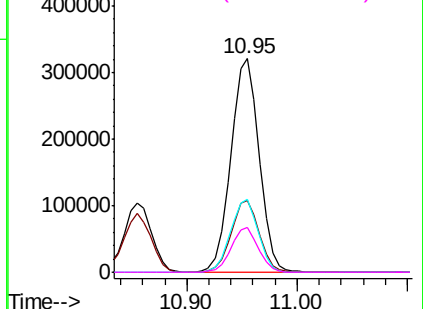
#33
4-Chloroaniline
Concen: 37.747 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	573306
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.6	39.8
65	34.0	26.8	40.2
92	21.0	17.0	25.4

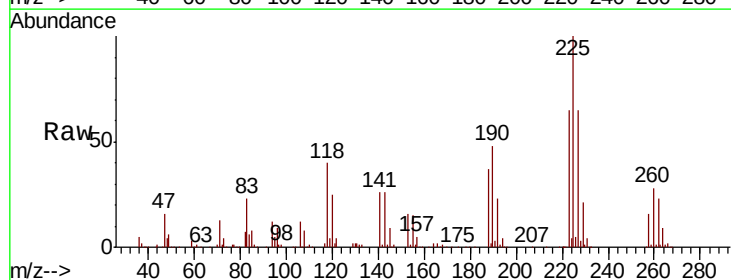


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

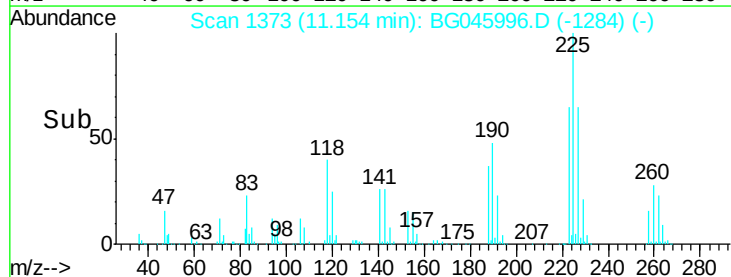
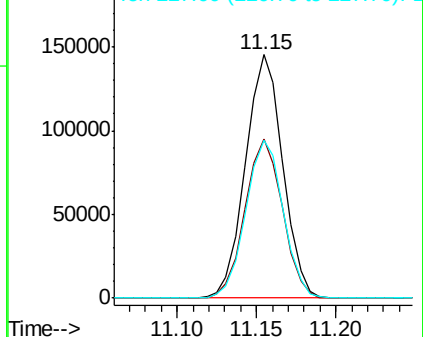


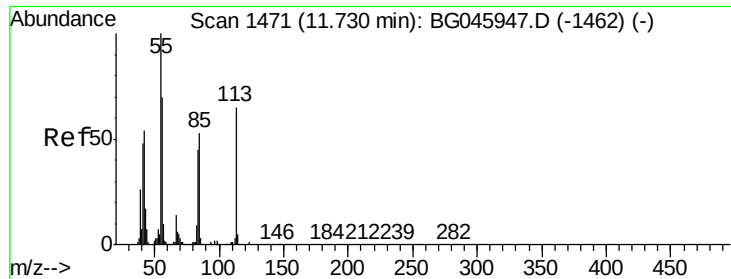
#34
Hexachlorobutadiene
Concen: 37.054 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Tgt Ion:	225	Resp:	237524
Ion	Ratio	Lower	Upper
225	100		
223	65.3	51.2	76.8
227	64.7	52.3	78.5



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

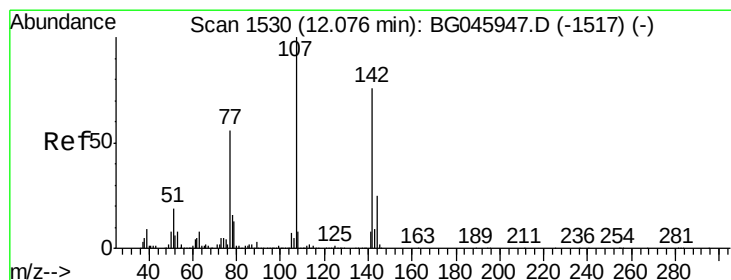
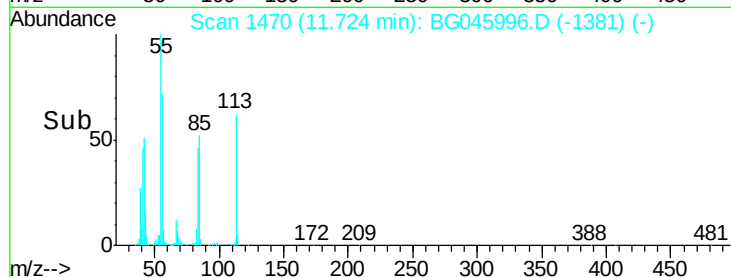
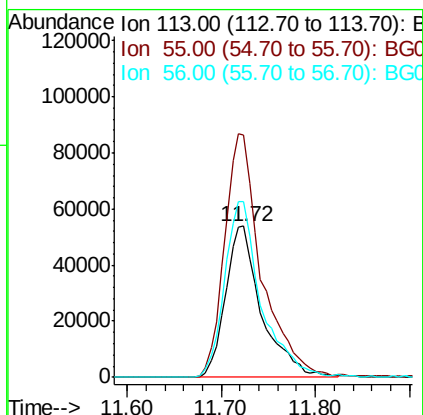
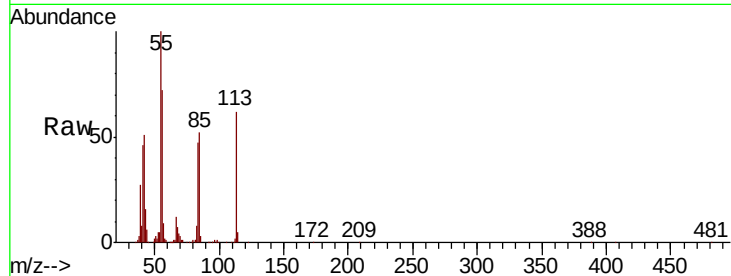




#35
 Caprolactam
 Concen: 38.105 ng
 RT: 11.72 min Scan# 1470
 Delta R.T. -0.01 min
 Lab File: BG045996.D
 Acq: 9 Jul 2020 16:00

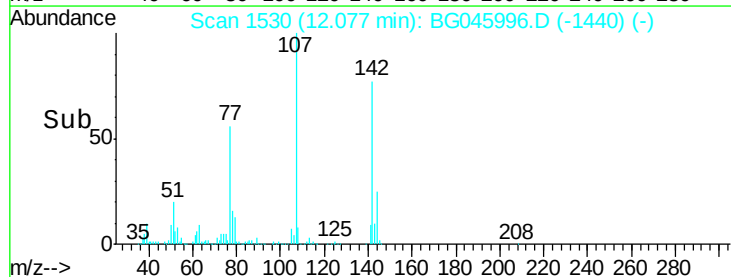
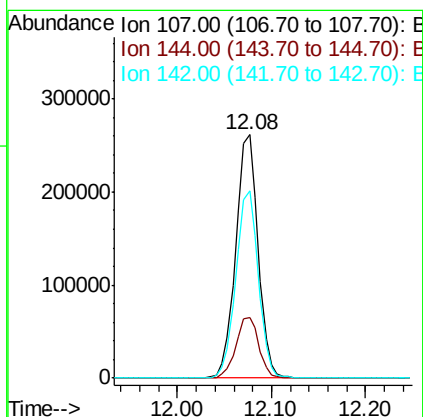
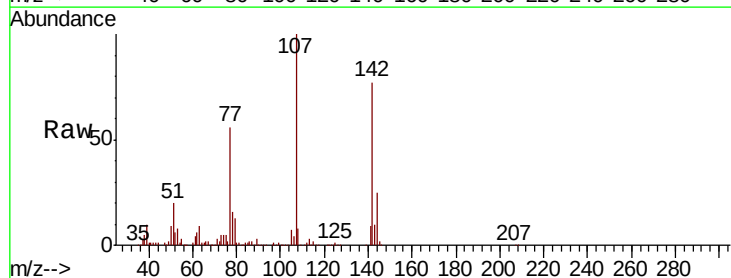
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

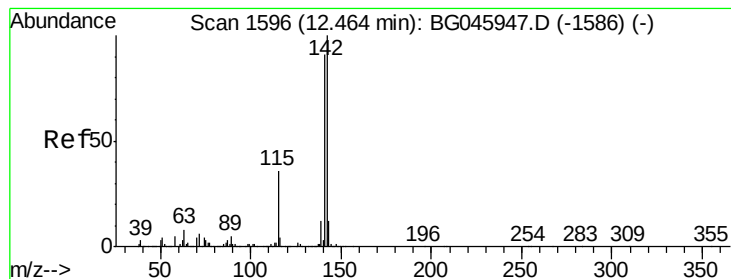
Tot Ion:113 Resp: 143349
 Ion Ratio Lower Upper
 113 100
 55 160.8 141.6 181.6
 56 116.2 89.6 129.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.228 ng
 RT: 12.08 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BG045996.D
 Acq: 9 Jul 2020 16:00

Tgt Ion:107 Resp: 431407
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.0 30.0
 142 76.8 61.1 91.7





#37

2-Methylnaphthalene

Concen: 38.506 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

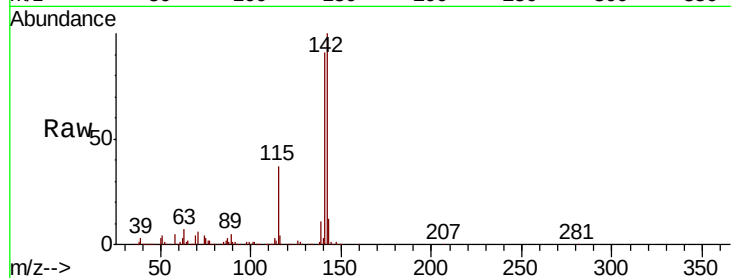
Tot Ion:142 Resp: 930325

Ion Ratio Lower Upper

142 100

141 90.7 73.0 109.6

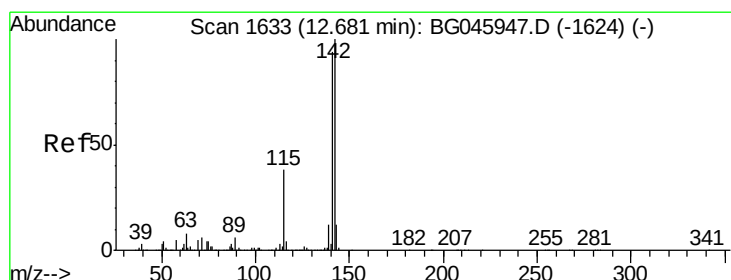
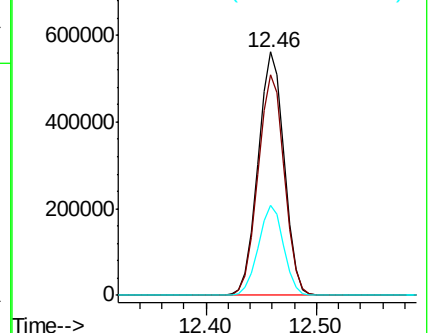
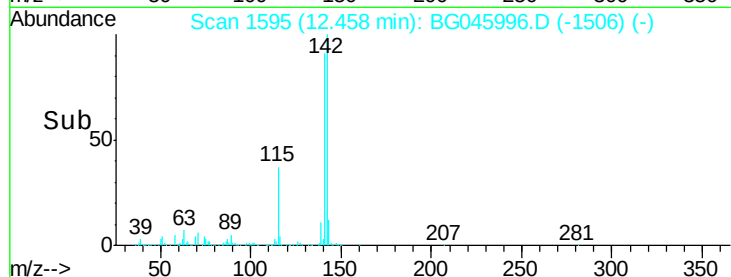
115 36.8 28.8 43.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.402 ng

RT: 12.68 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

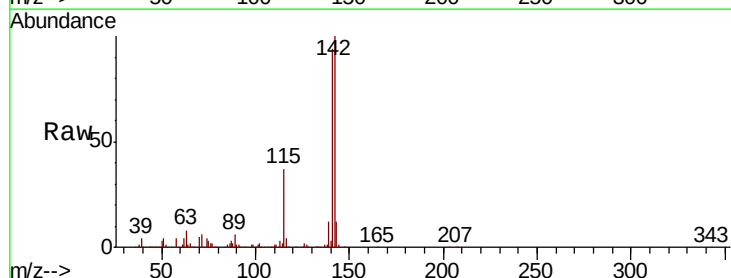
Tgt Ion:142 Resp: 875626

Ion Ratio Lower Upper

142 100

141 93.9 75.2 112.8

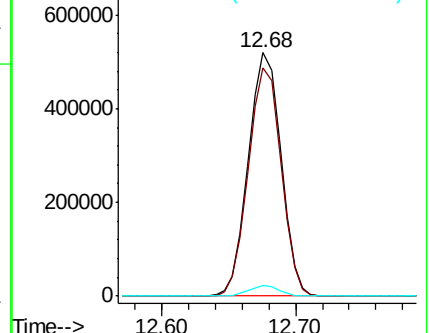
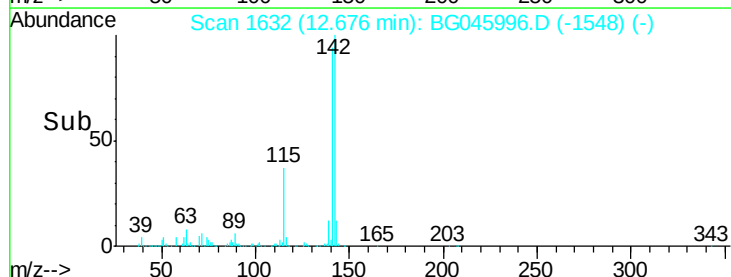
116 4.5 3.1 4.7

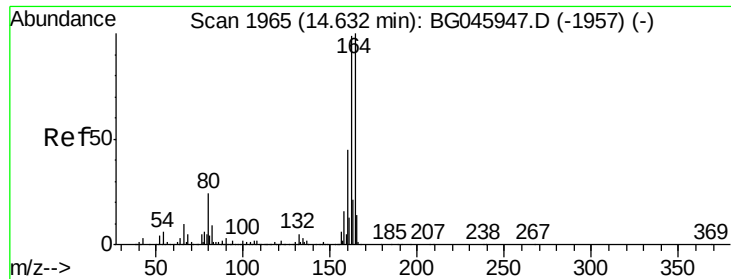


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

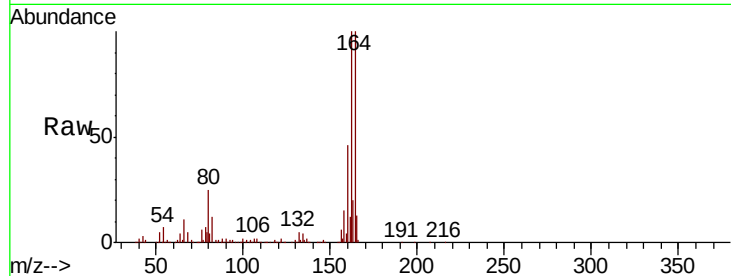
Tot Ion:164 Resp: 368890

Ion Ratio Lower Upper

164 100

162 100.3 79.3 118.9

160 46.2 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.63

250000

200000

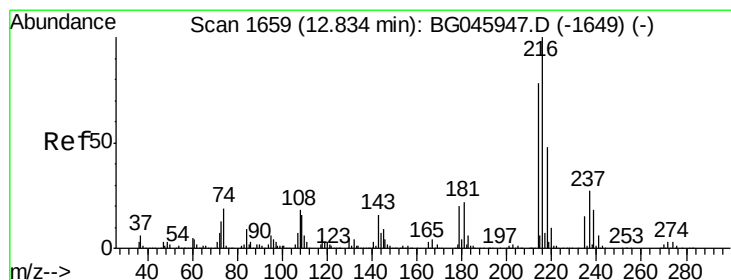
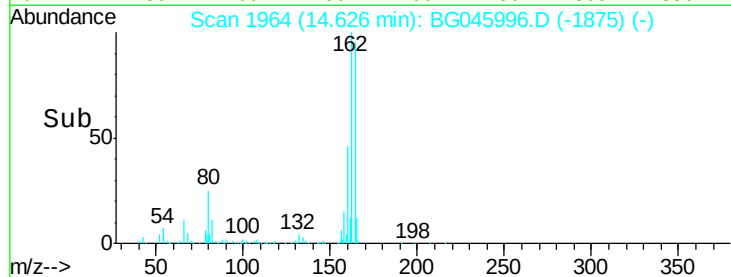
150000

100000

50000

0

Time--> 14.55 14.60 14.65 14.70



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.227 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Tgt Ion:216 Resp: 407908

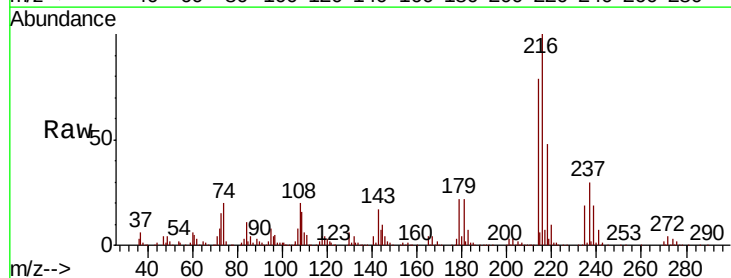
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 22.0 17.0 25.6

108 22.3 17.3 25.9



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

12.83

400000

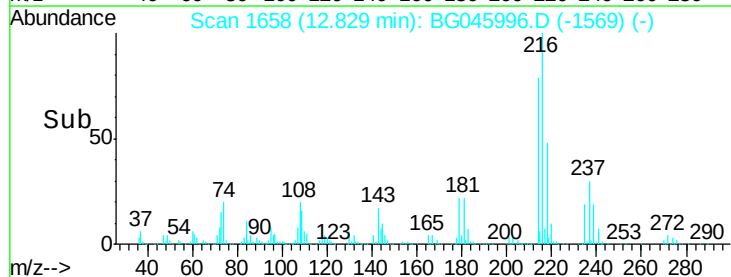
300000

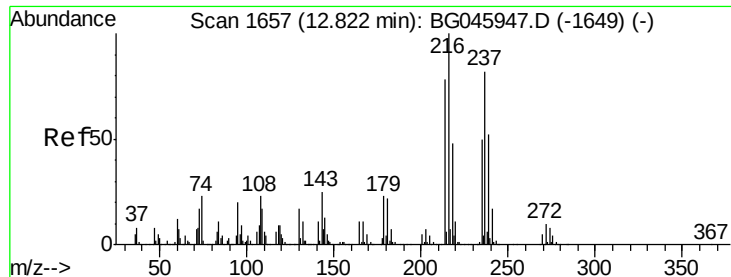
200000

100000

0

Time--> 12.75 12.80 12.85 12.90





#41

Hexachlorocyclopentadiene

Concen: 36.947 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

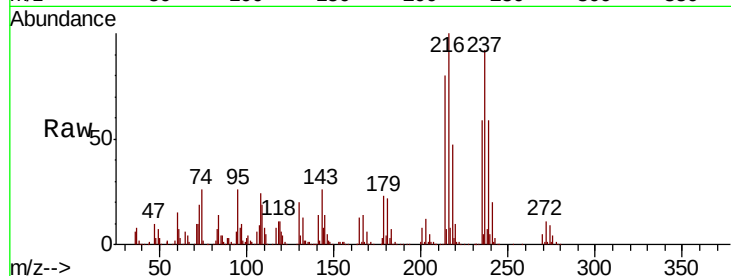
Tot Ion:237 Resp: 227973

Ion Ratio Lower Upper

237 100

235 64.1 41.5 81.5

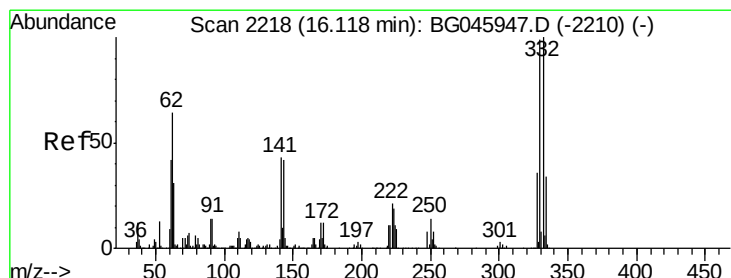
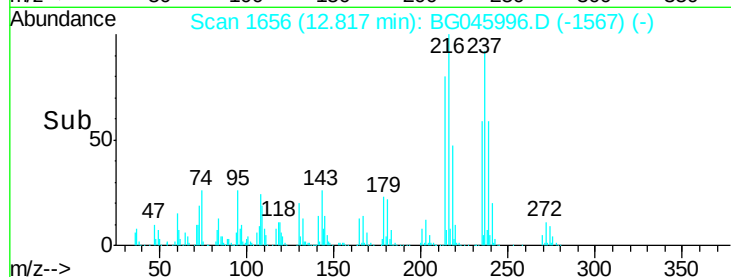
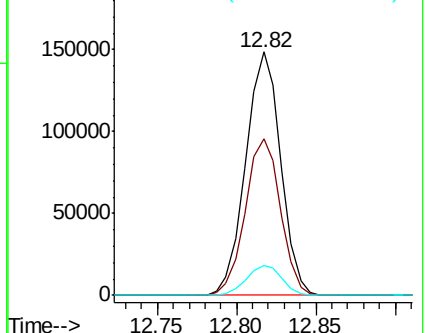
272 12.1 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 78.902 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

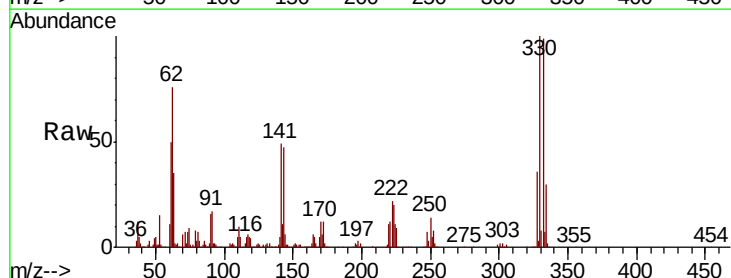
Tgt Ion:330 Resp: 270136

Ion Ratio Lower Upper

330 100

332 97.7 78.3 117.5

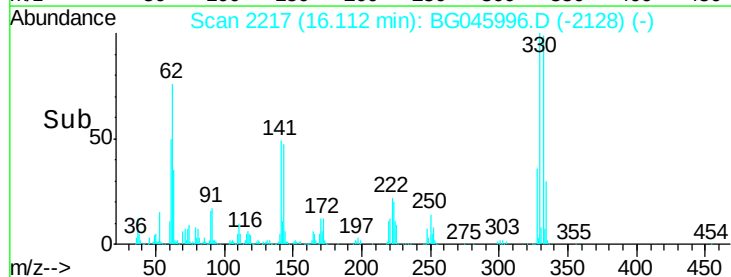
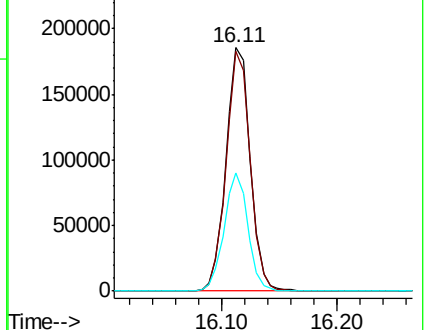
141 47.6 36.6 54.8

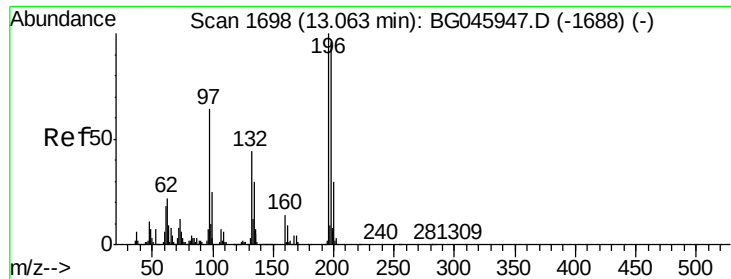


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

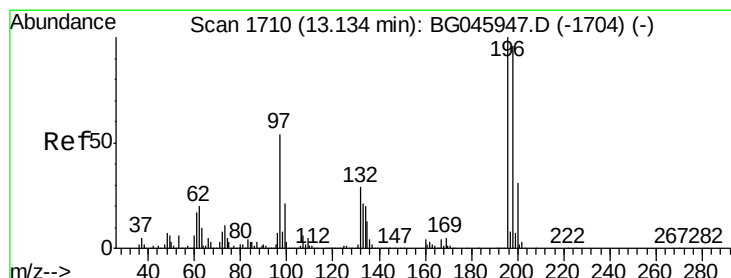
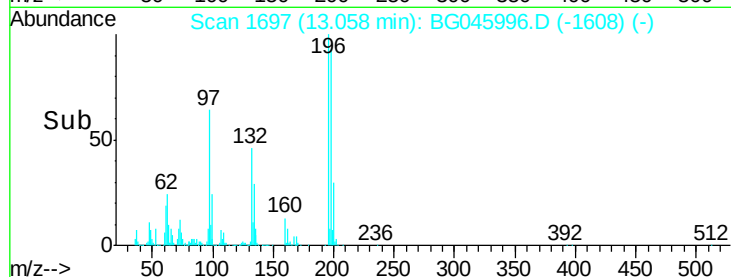
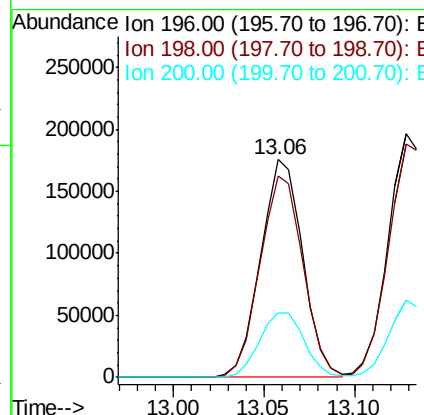
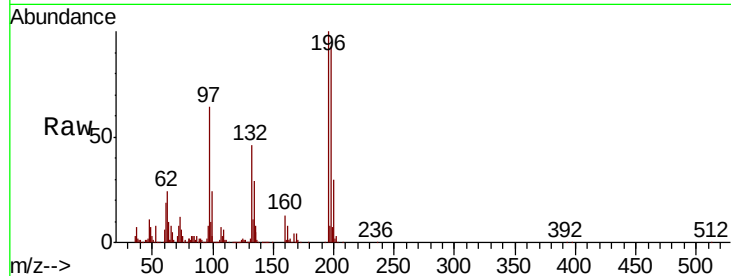




#43
 2,4,6-Trichlorophenol
 Concen: 40.406 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG045996.D
 Acq: 9 Jul 2020 16:00

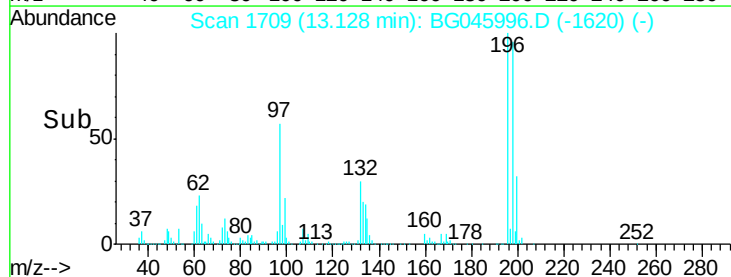
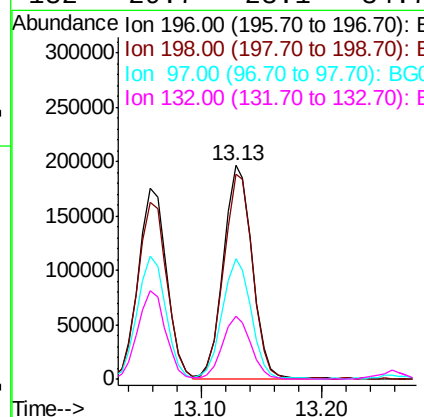
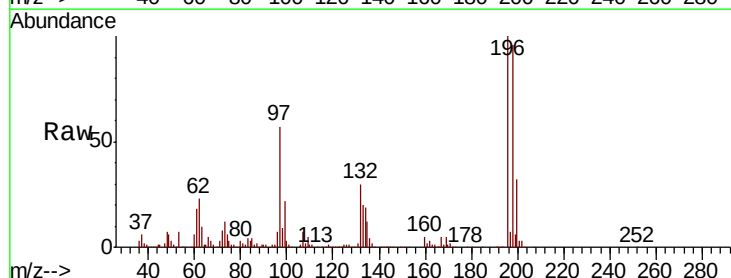
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

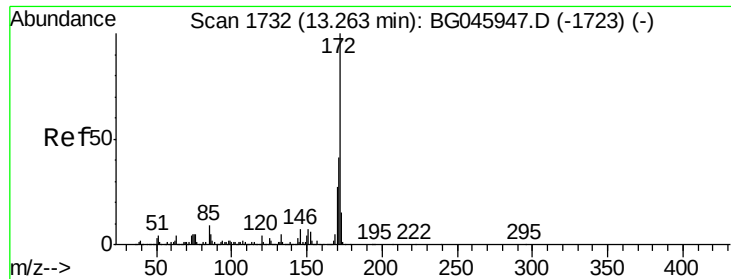
Tot Ion:196 Resp: 284165
 Ion Ratio Lower Upper
 196 100
 198 92.7 76.7 115.1
 200 29.7 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 40.642 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045996.D
 Acq: 9 Jul 2020 16:00

Tgt Ion:196 Resp: 323171
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.0 115.6
 97 56.6 44.3 66.5
 132 29.7 23.1 34.7

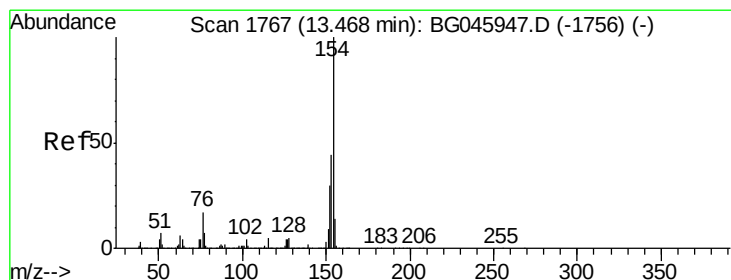
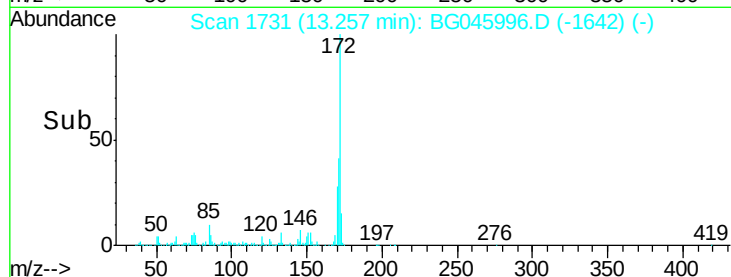
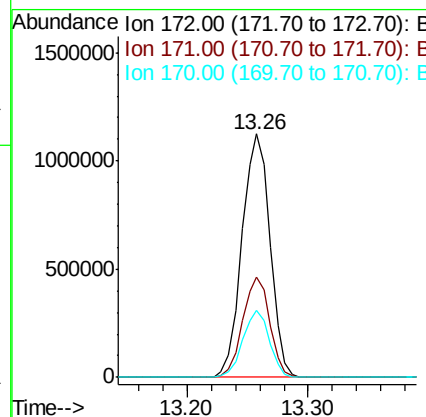
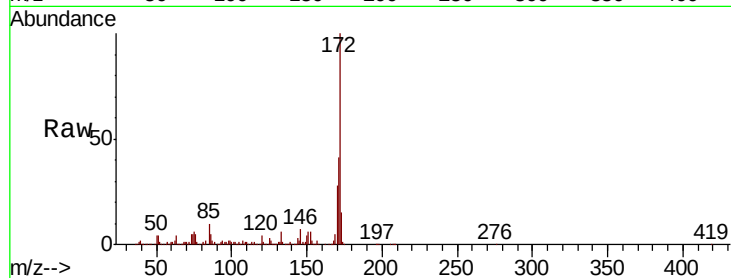




#45
2-Fluorobiphenyl
Concen: 76.532 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

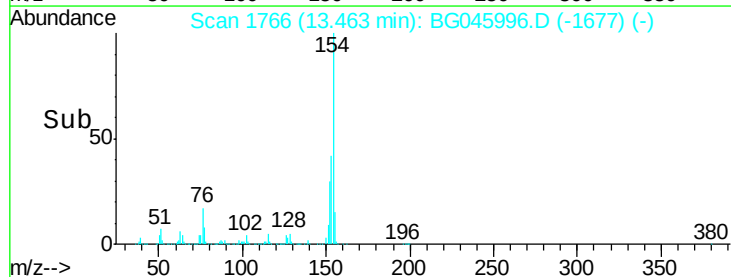
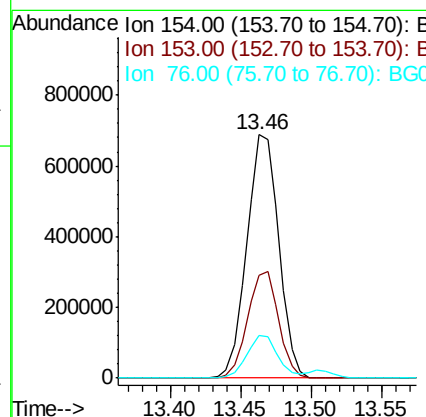
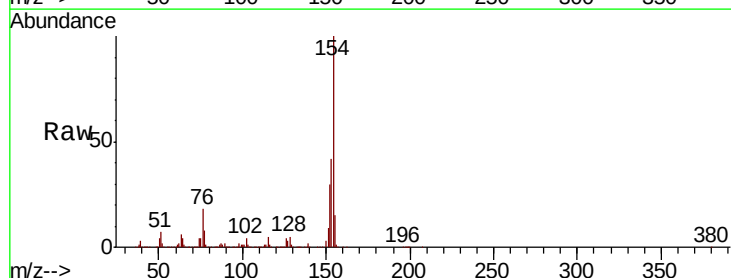
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

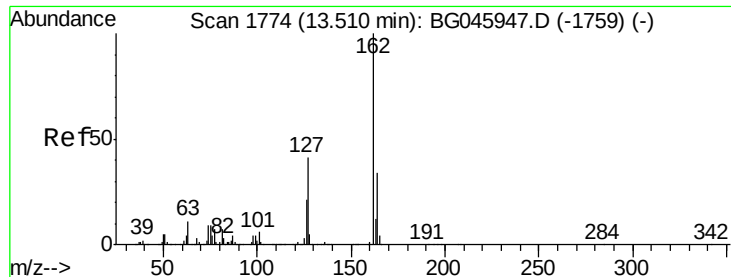
Tot Ion:172 Resp: 1809935
Ion Ratio Lower Upper
172 100
171 41.2 32.9 49.3
170 27.6 21.8 32.6



#46
1,1'-Biphenyl
Concen: 39.258 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Tgt Ion:154 Resp: 1089409
Ion Ratio Lower Upper
154 100
153 42.4 23.6 63.6
76 17.5 0.0 36.9





#47

2-Chloronaphthalene

Concen: 38.720 ng

RT: 13.50 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

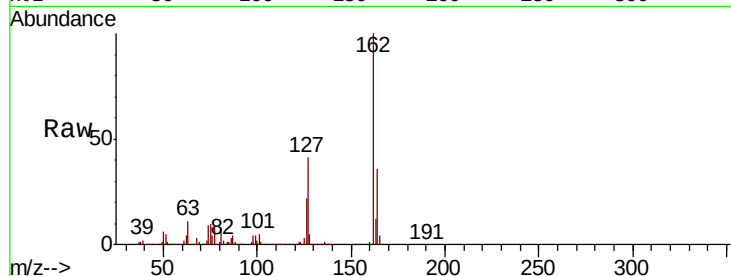
Tot Ion:162 Resp: 847770

Ion Ratio Lower Upper

162 100

127 41.4 32.5 48.7

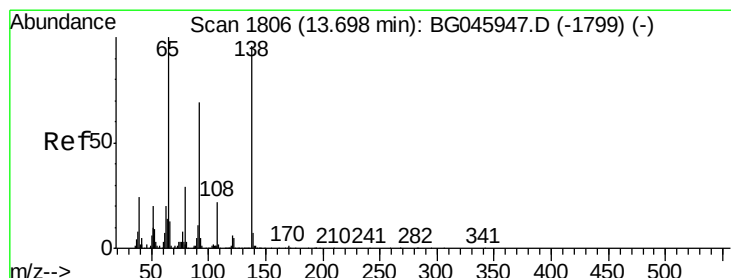
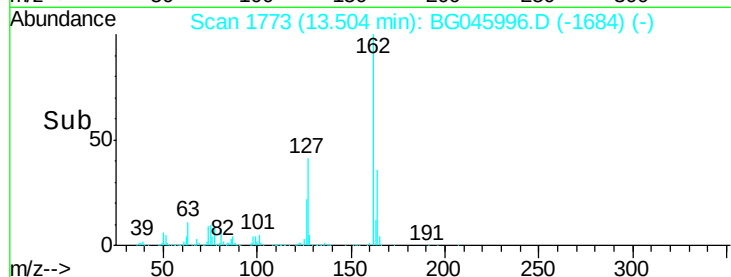
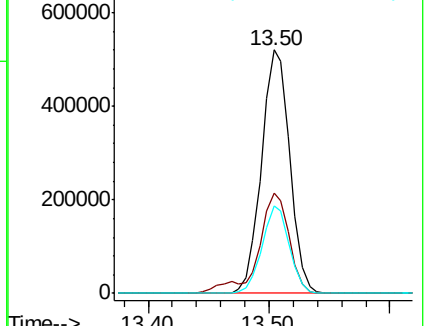
164 35.9 27.2 40.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 48.727 ng

RT: 13.70 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

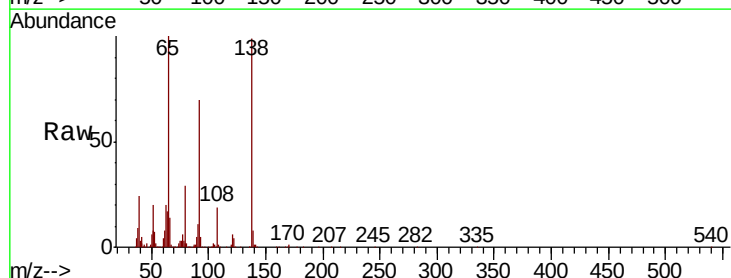
Tgt Ion: 65 Resp: 299427

Ion Ratio Lower Upper

65 100

92 70.3 55.4 83.0

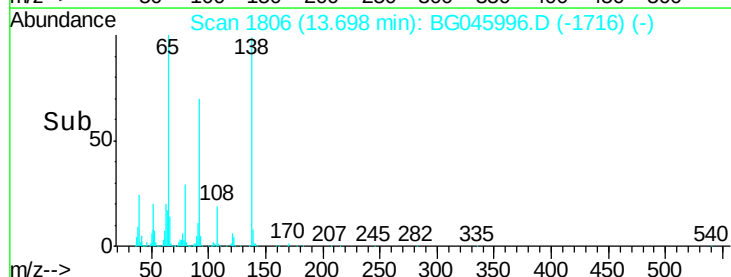
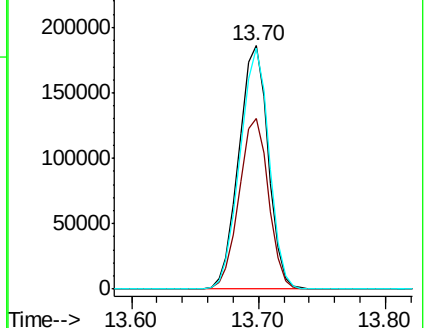
138 98.9 77.0 115.4

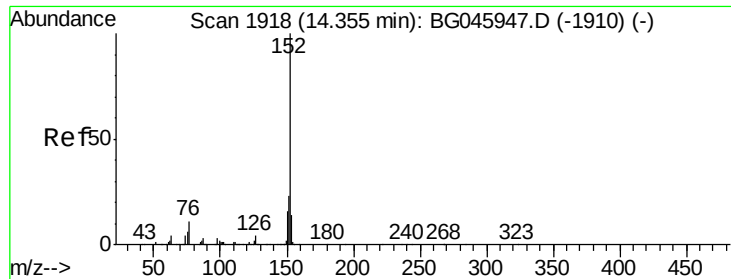


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.206 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

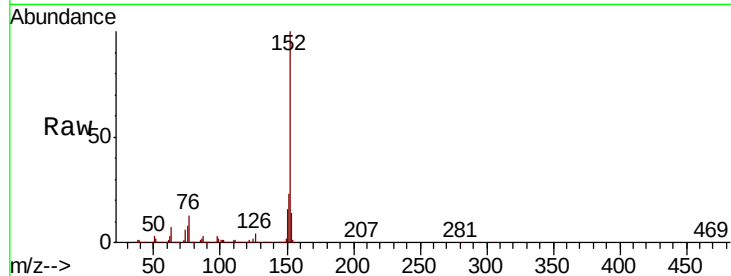
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 1349667

Ion	Ratio	Lower	Upper
152	100		
151	23.2	18.1	27.1
153	14.2	11.5	17.3

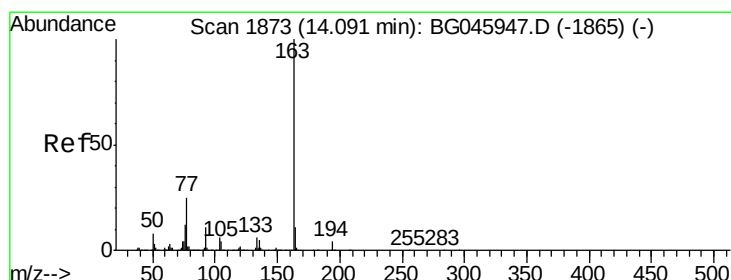
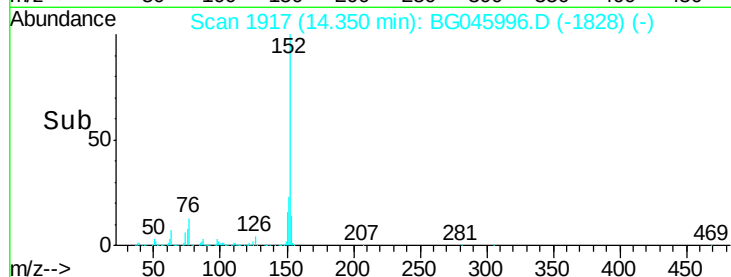
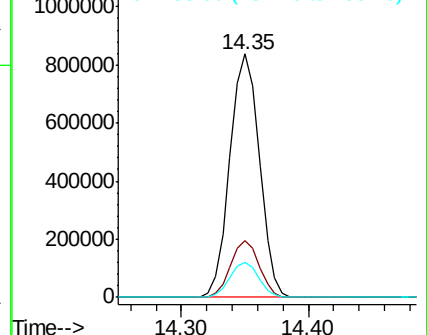


Abundance

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: 37.872 ng

RT: 14.09 min Scan# 1872

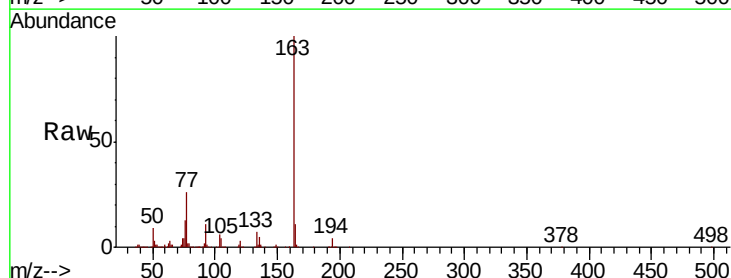
Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Tgt Ion:163 Resp: 1048449

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	10.9	8.9	13.3

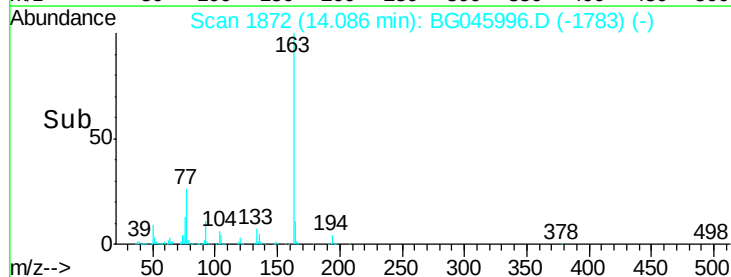
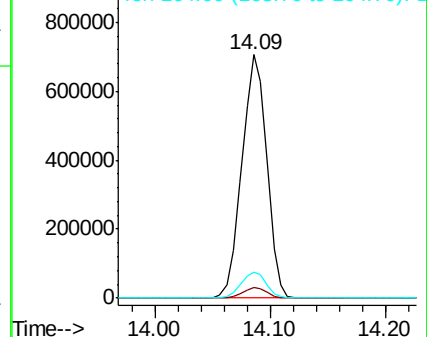


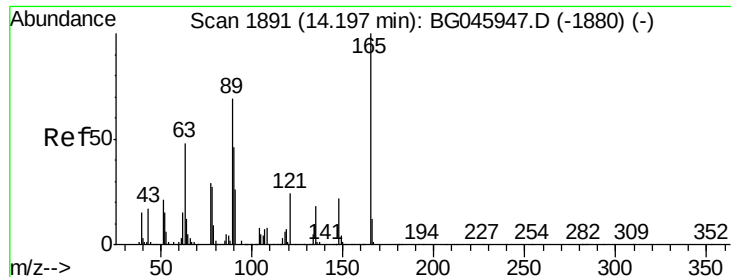
Abundance

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: 45.934 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

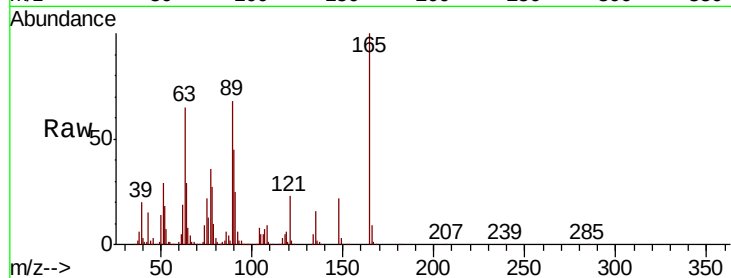
Tot Ion:165 Resp: 226689

Ion Ratio Lower Upper

165 100

63 64.7 51.0 76.4

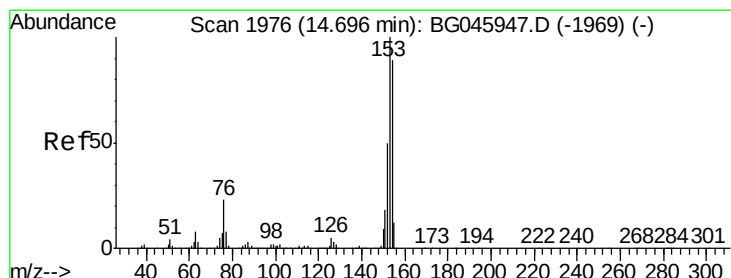
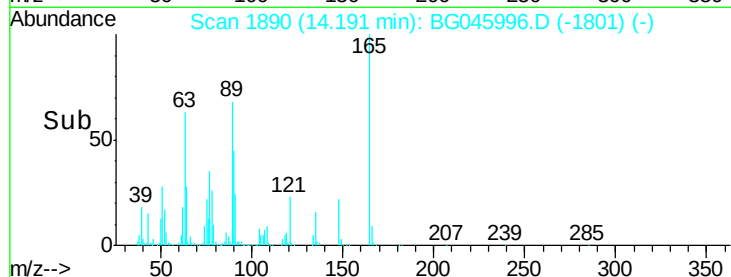
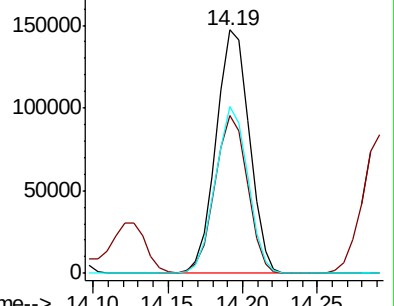
89 68.4 55.7 83.5



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



#52

Acenaphthene

Concen: 38.919 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

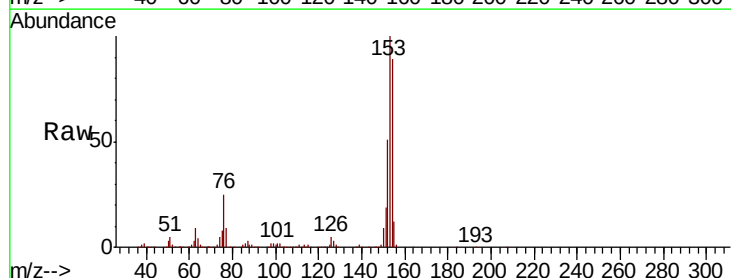
Tgt Ion:154 Resp: 867204

Ion Ratio Lower Upper

154 100

153 112.0 89.7 134.5

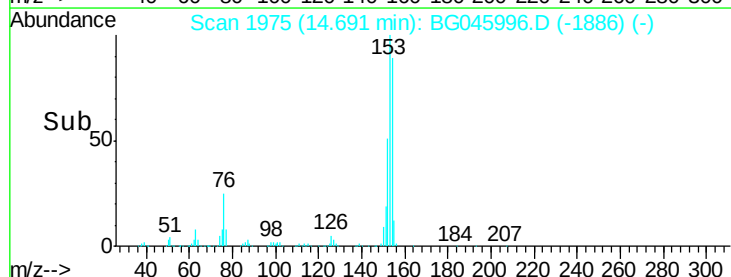
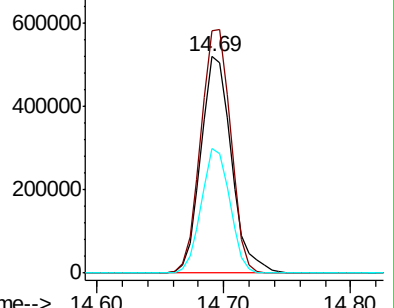
152 57.6 44.7 67.1

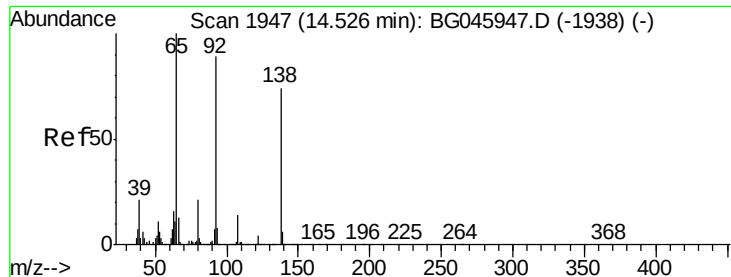


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

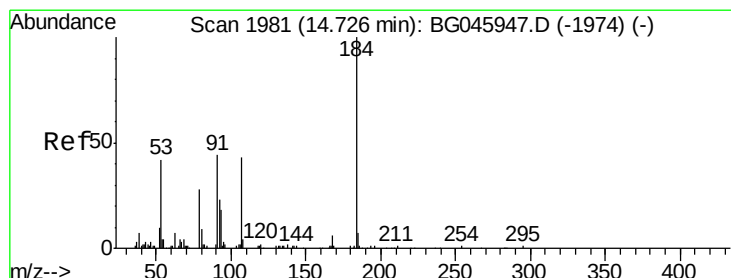
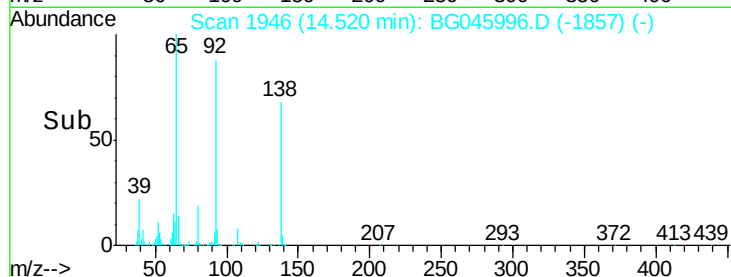
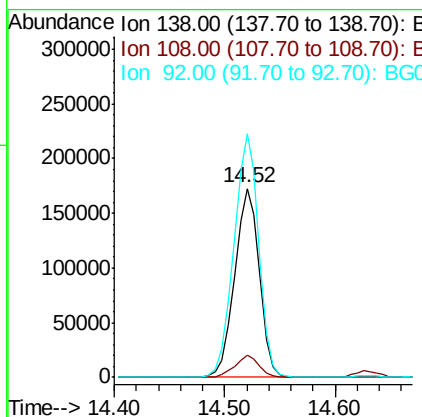
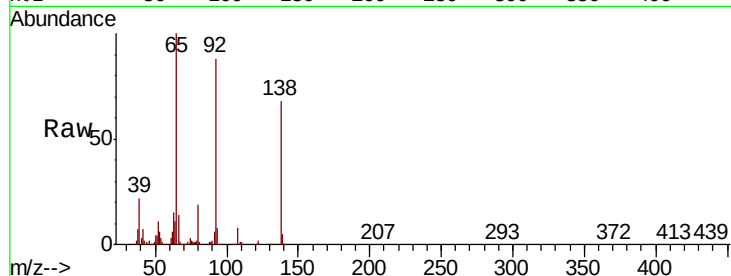




#53
3-Nitroaniline
Concen: 44.739 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

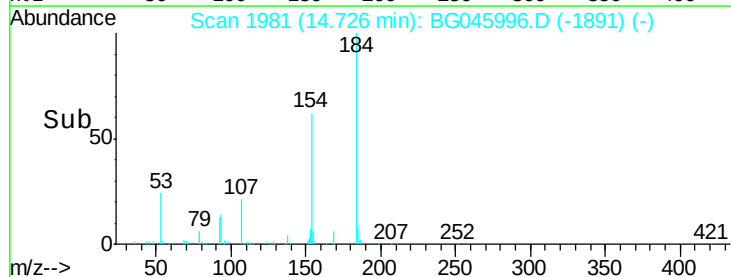
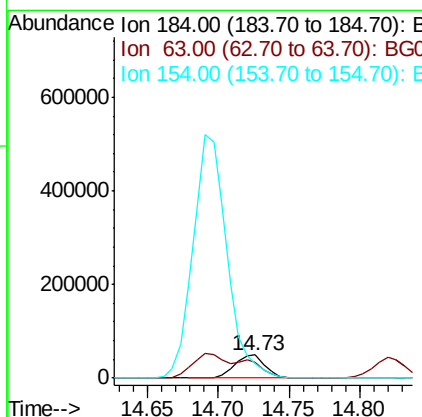
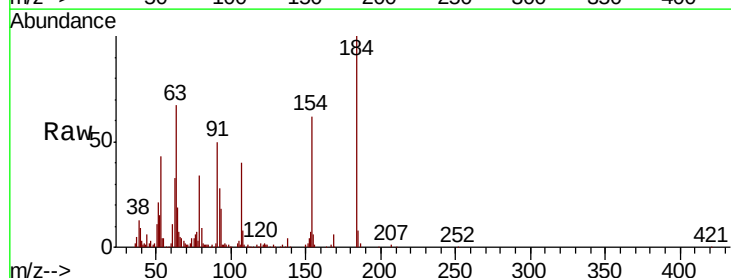
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

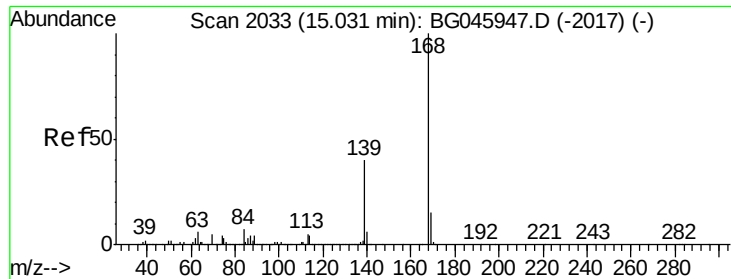
Tot Ion:138 Resp: 270511
Ion Ratio Lower Upper
138 100
108 12.0 15.4 23.2#
92 128.8 95.9 143.9



#54
2,4-Dinitrophenol
Concen: 44.256 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Tgt Ion:184 Resp: 76503
Ion Ratio Lower Upper
184 100
63 67.1 46.0 69.0
154 62.4 58.2 87.2

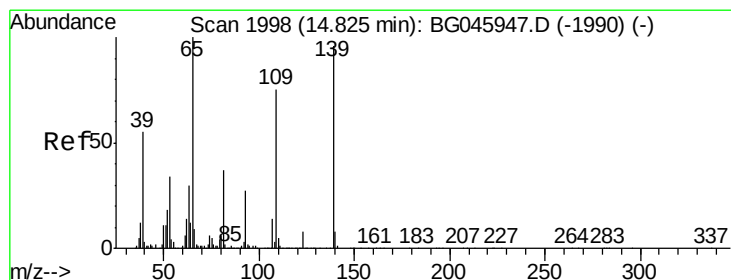
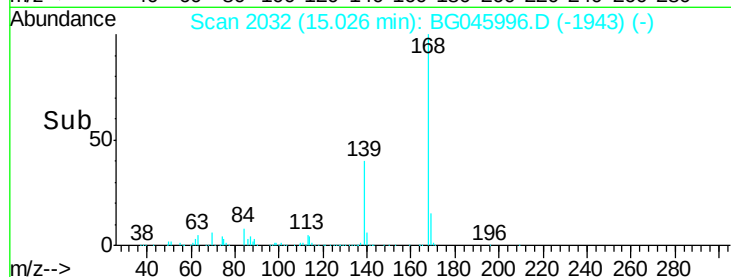
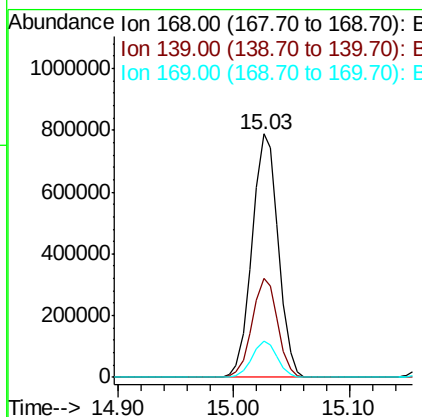
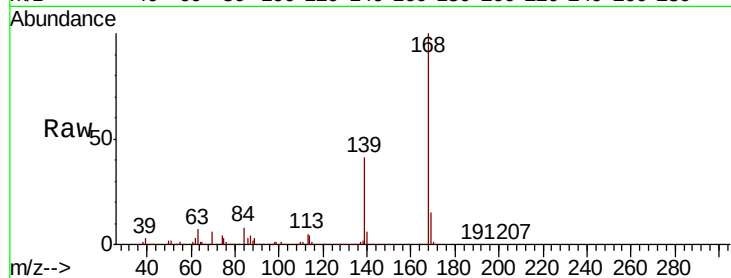




#55
Dibenzofuran
Concen: 37.995 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

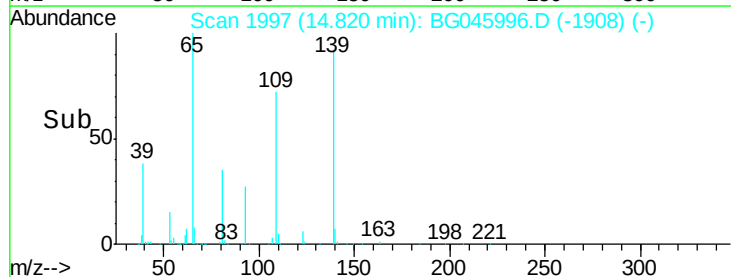
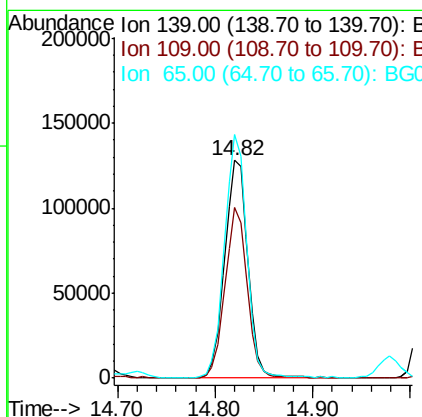
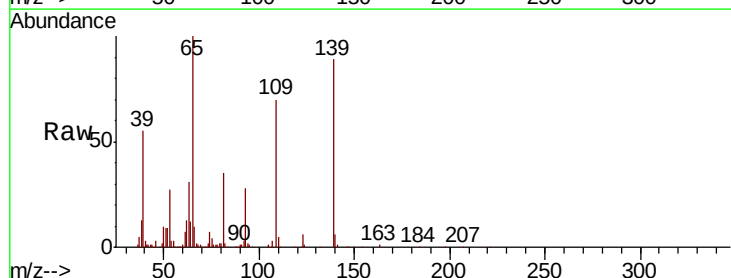
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

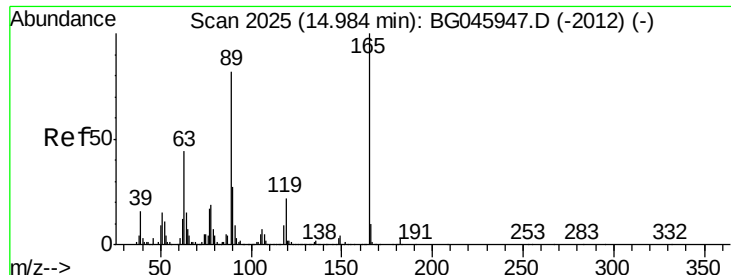
Tot Ion:168 Resp: 1241026
Ion Ratio Lower Upper
168 100
139 40.6 32.2 48.2
169 14.9 11.8 17.8



#56
4-Nitrophenol
Concen: 46.745 ng
RT: 14.82 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Tgt Ion:139 Resp: 210836
Ion Ratio Lower Upper
139 100
109 78.3 58.5 98.5
65 111.9 84.7 124.7

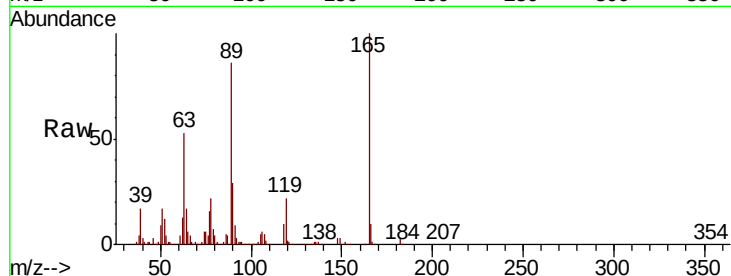




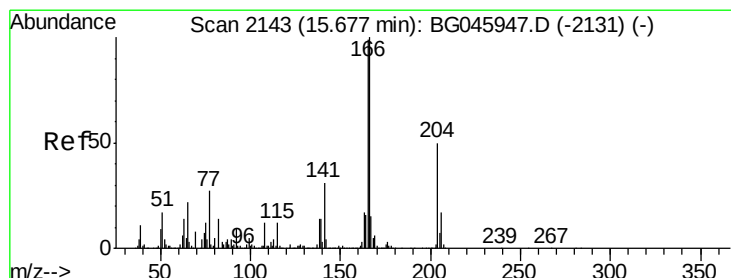
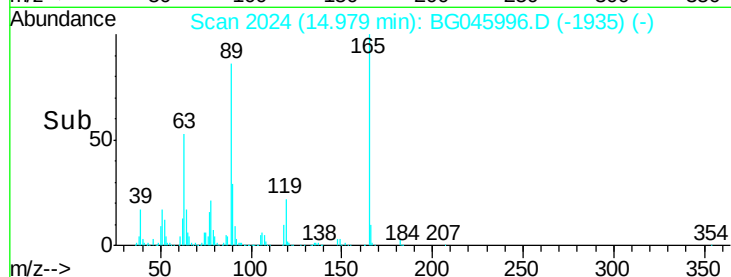
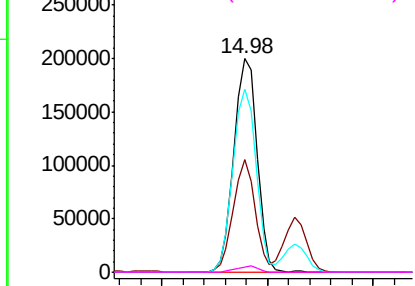
#57
 2,4-Dinitrotoluene
 Concen: 47.527 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BG045996.D
 Acq: 9 Jul 2020 16:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:165 Resp: 301740
 Ion Ratio Lower Upper
 165 100
 63 52.5 35.4 53.0
 89 85.5 65.4 98.2
 182 2.6 2.0 3.0

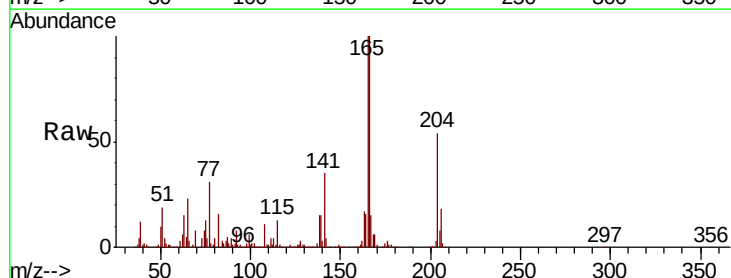


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

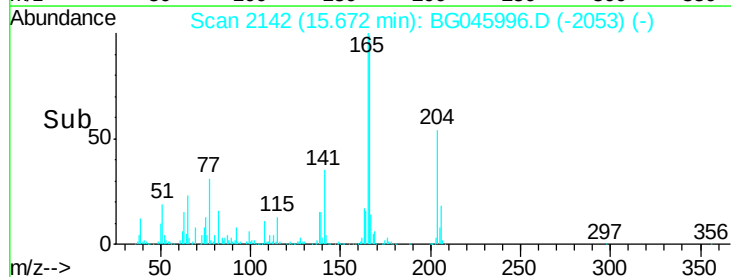
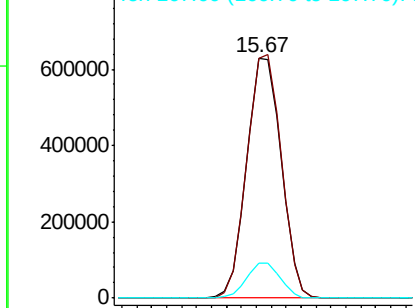


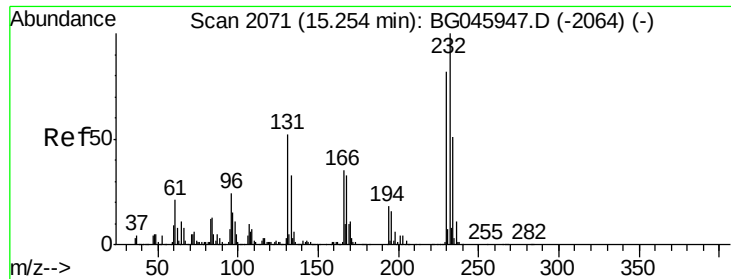
#58
 Fluorene
 Concen: 37.504 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BG045996.D
 Acq: 9 Jul 2020 16:00

Tgt Ion:166 Resp: 1004907
 Ion Ratio Lower Upper
 166 100
 165 99.9 78.9 118.3
 167 14.7 12.1 18.1



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

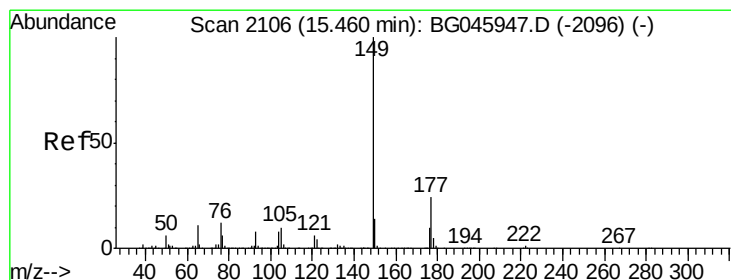
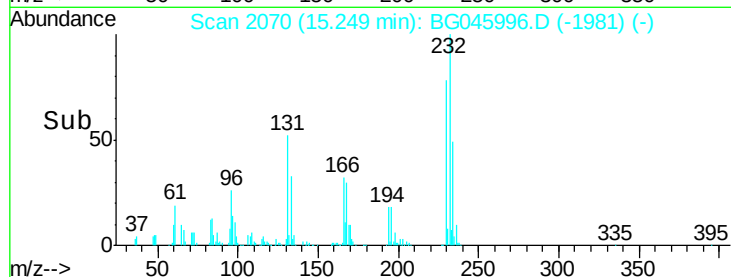
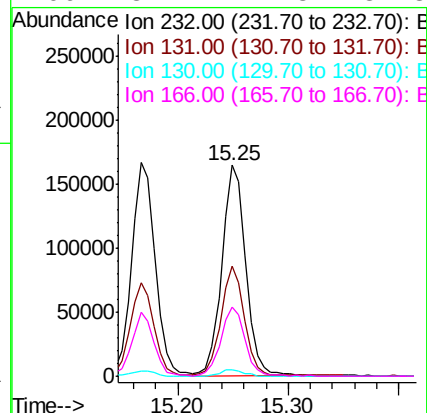
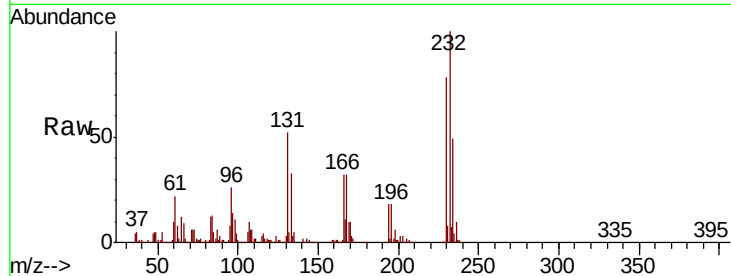




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.234 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG045996.D
 Acq: 9 Jul 2020 16:00

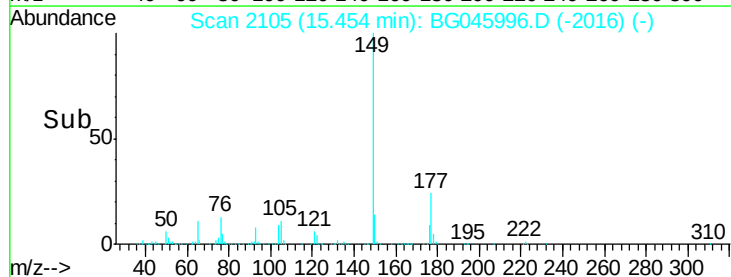
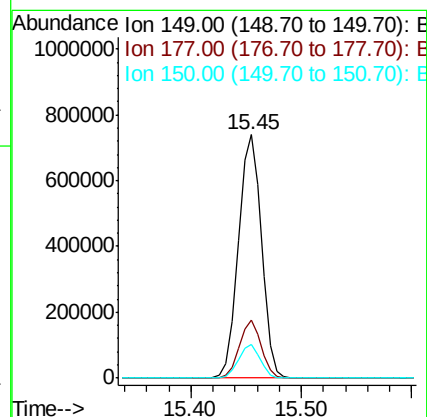
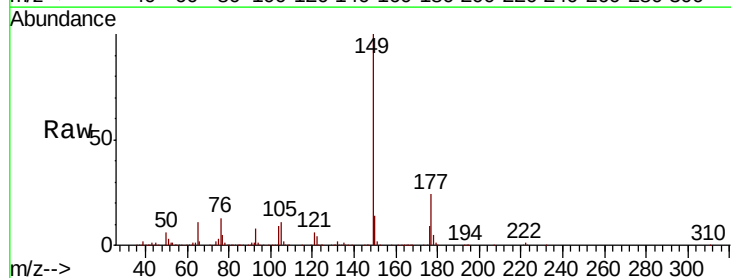
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

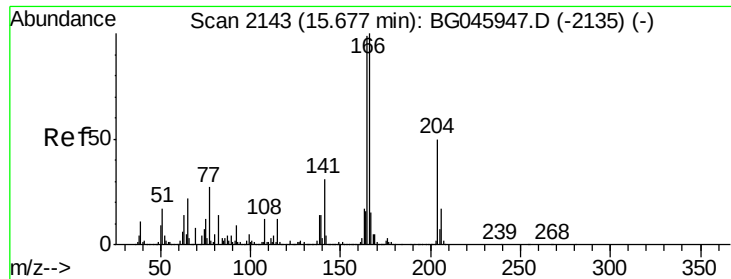
Tot Ion:	232	Resp:	247010
Ion	Ratio	Lower	Upper
232	100		
131	51.2	35.8	53.6
130	3.2	2.5	3.7
166	32.4	21.8	32.8



#60
 Diethylphthalate
 Concen: 37.320 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BG045996.D
 Acq: 9 Jul 2020 16:00

Tgt Ion:	149	Resp:	1083534
Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.0	28.4
150	13.6	11.0	16.4

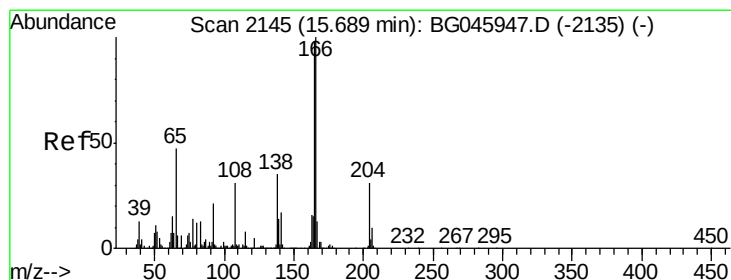
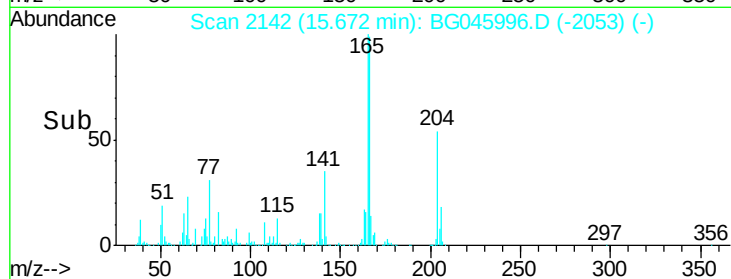
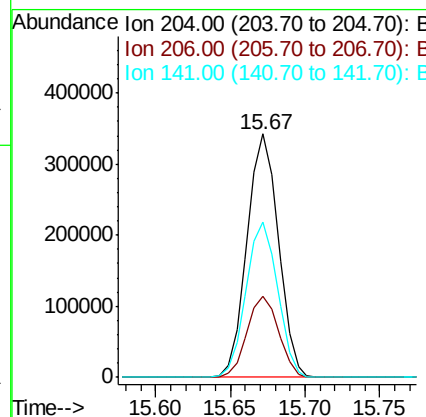
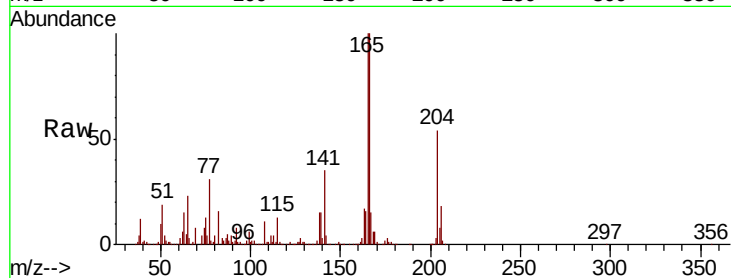




#61
4-Chlorophenyl-phenylether
Concen: 37.469 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

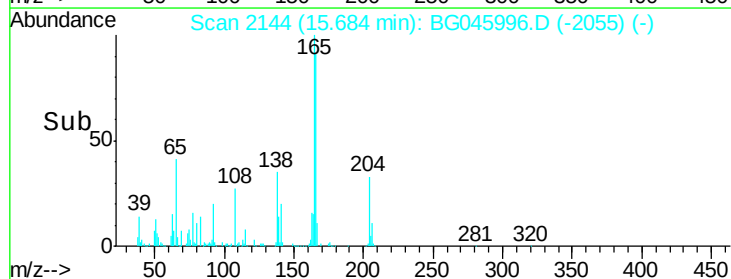
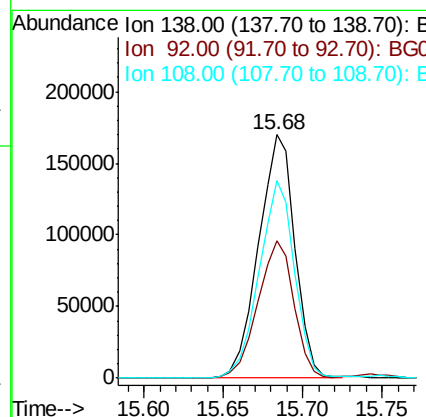
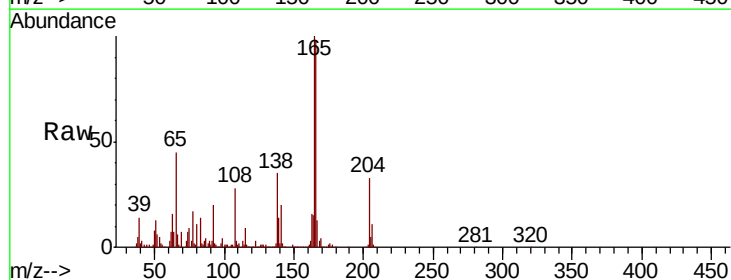
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

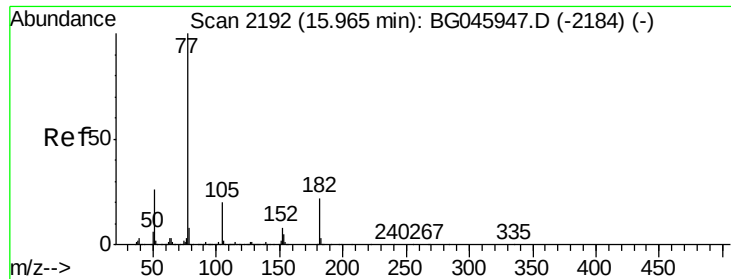
Tot Ion:204 Resp: 499469
Ion Ratio Lower Upper
204 100
206 33.2 27.1 40.7
141 63.6 49.8 74.8



#62
4-Nitroaniline
Concen: 47.300 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Tgt Ion:138 Resp: 270643
Ion Ratio Lower Upper
138 100
92 56.4 40.3 80.3
108 81.2 68.0 108.0





#63

Azobenzene

Concen: 38.803 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 1209161

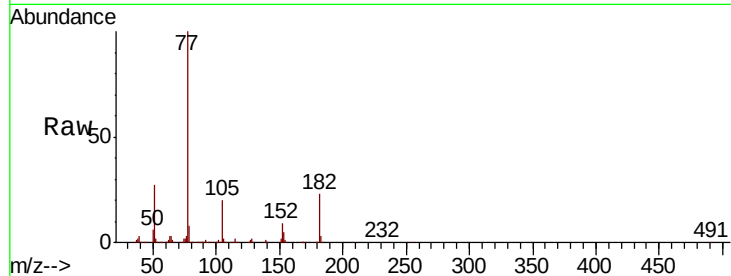
Ion Ratio Lower Upper

77 100

182 23.0 2.4 42.4

105 20.4 0.3 40.3

51 26.6 6.3 46.3

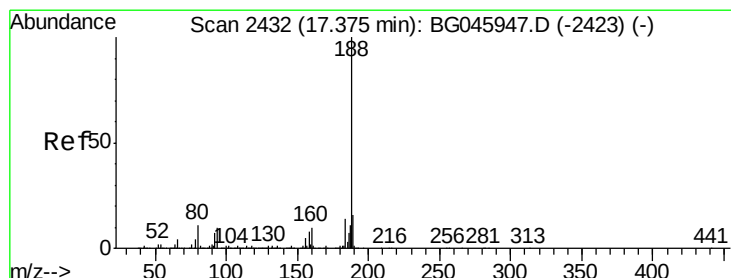
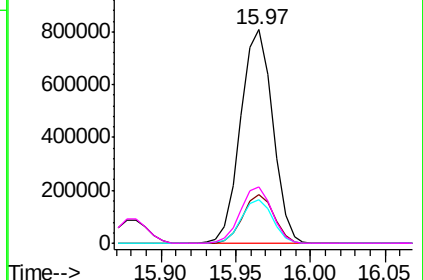
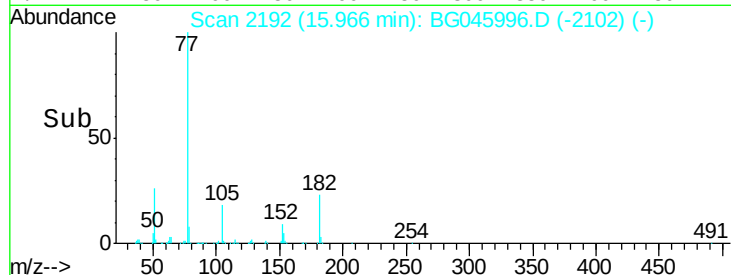


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.37 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

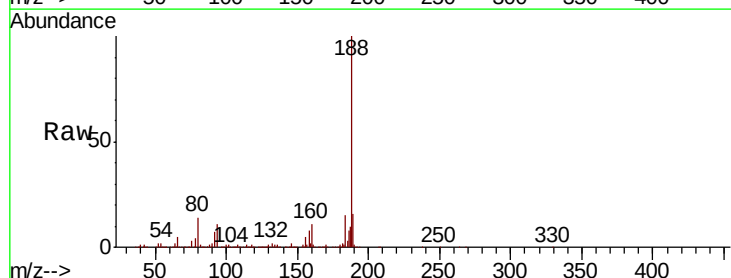
Tgt Ion: 188 Resp: 738820

Ion Ratio Lower Upper

188 100

94 11.4 8.2 12.4

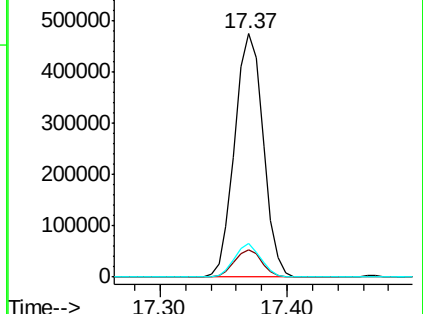
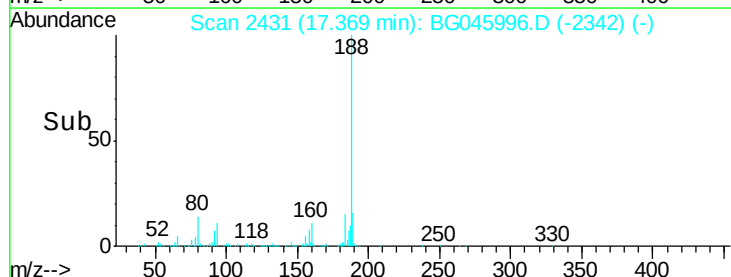
80 13.7 9.0 13.6#

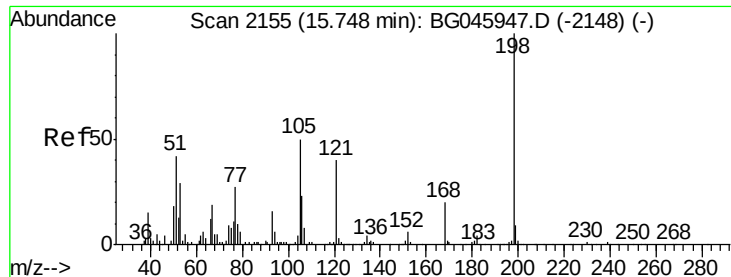


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 45.018 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

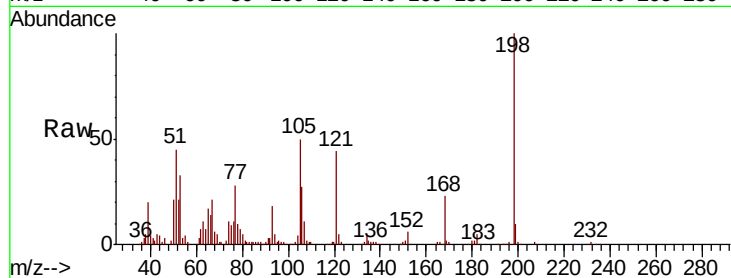
Tot Ion:198 Resp: 113272

Ion Ratio Lower Upper

198 100

51 45.2 24.5 64.5

105 49.6 30.9 70.9



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

150000

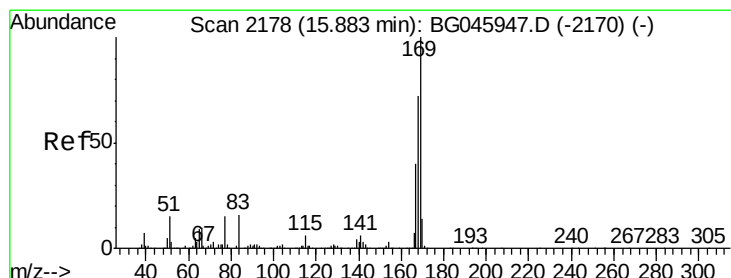
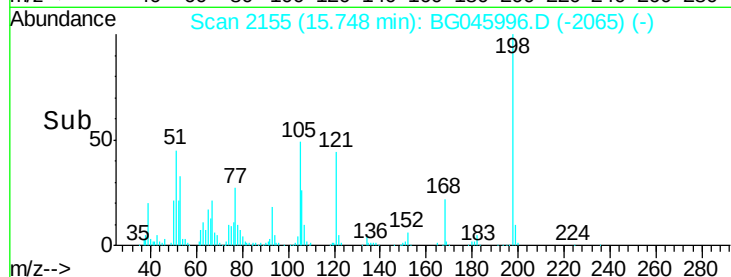
100000

50000

0

15.70 15.80

Time-->



#66

n-Nitrosodiphenylamine

Concen: 39.143 ng

RT: 15.88 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

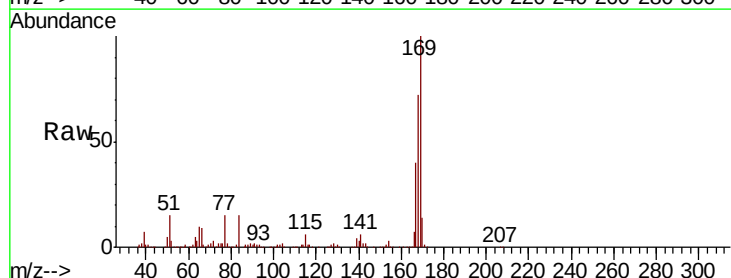
Tgt Ion:169 Resp: 896174

Ion Ratio Lower Upper

169 100

168 72.1 57.3 85.9

167 40.1 32.1 48.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

800000

600000

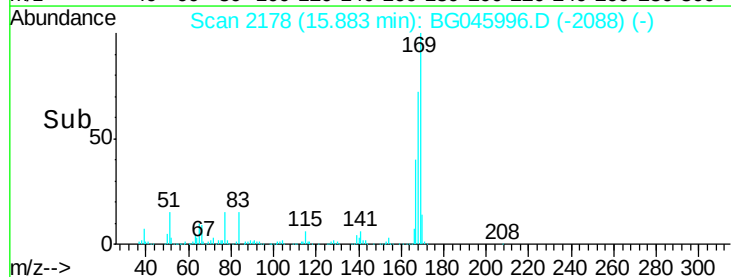
400000

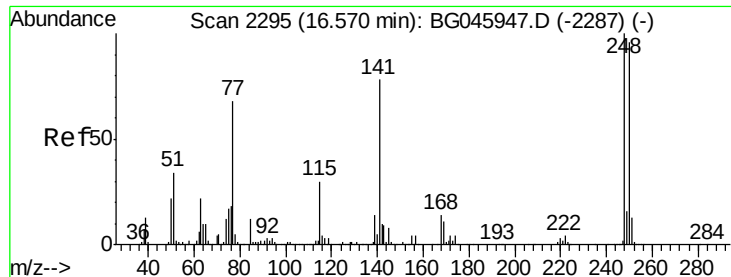
200000

0

15.80 15.90 16.00

Time-->

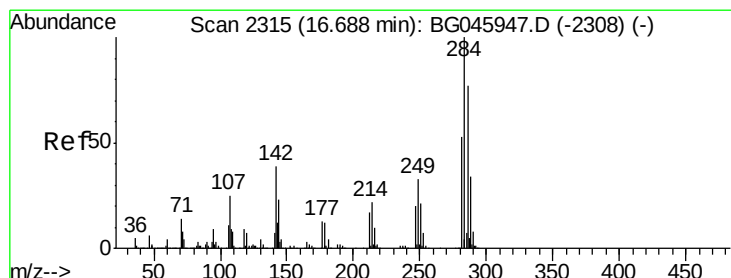
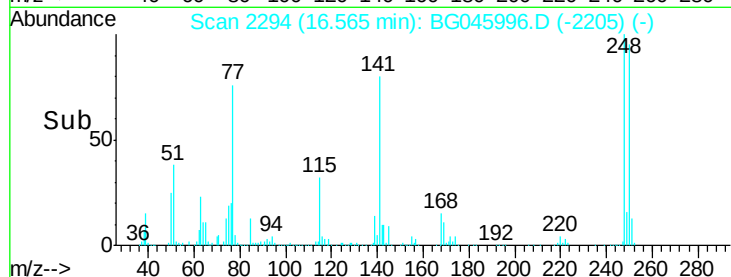
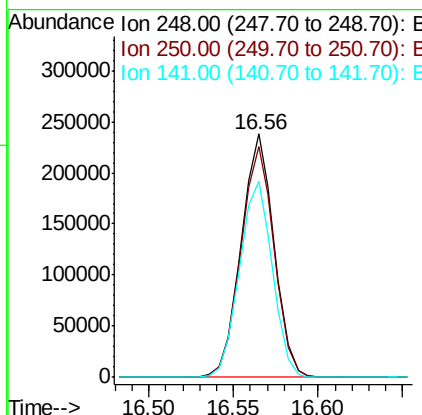
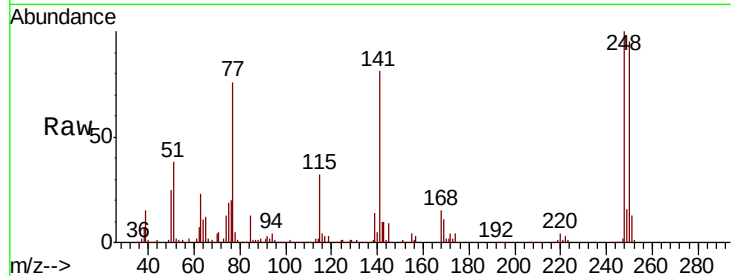




#67
4-Bromophenyl-phenylether
Concen: 39.012 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

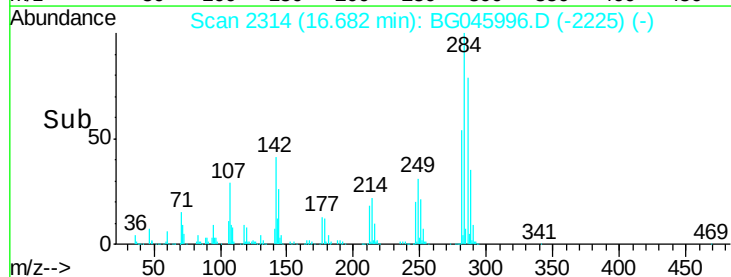
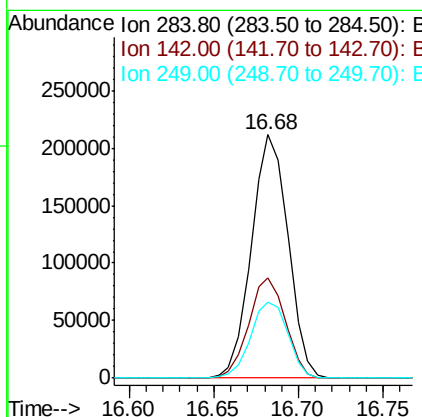
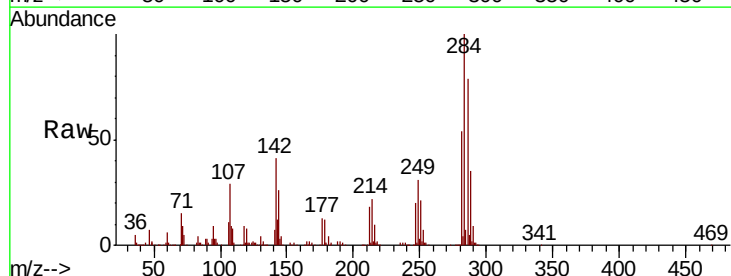
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

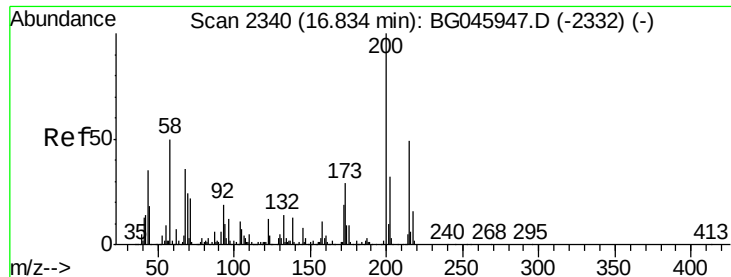
Tot Ion:248 Resp: 321913
Ion Ratio Lower Upper
248 100
250 95.0 76.6 114.8
141 80.5 62.7 94.1



#68
Hexachlorobenzene
Concen: 38.519 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Tgt Ion:284 Resp: 318951
Ion Ratio Lower Upper
284 100
142 41.3 31.3 46.9
249 31.1 26.8 40.2





#69

Atrazine

Concen: 37.364 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

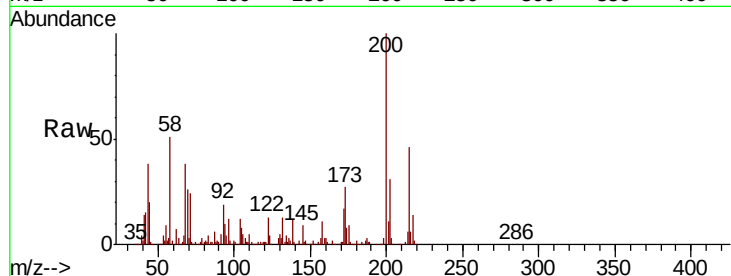
Tot Ion:200 Resp: 252918

Ion Ratio Lower Upper

200 100

173 26.8 9.1 49.1

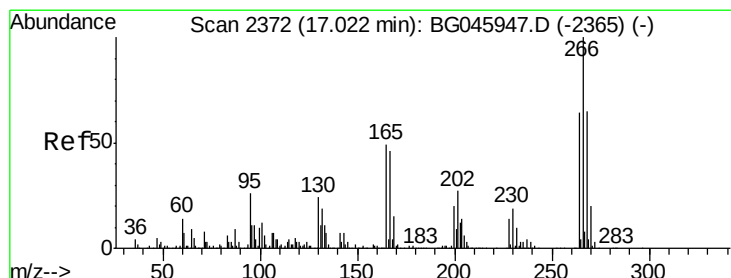
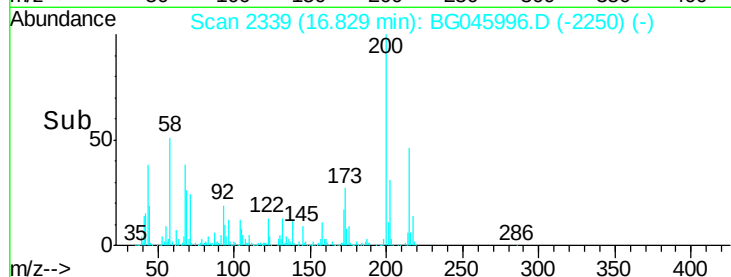
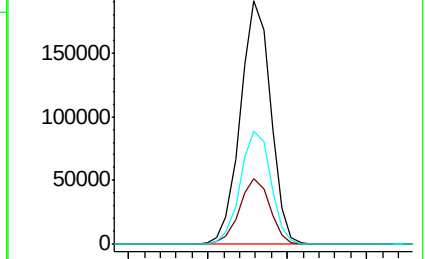
215 46.5 28.8 68.8



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: 40.803 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

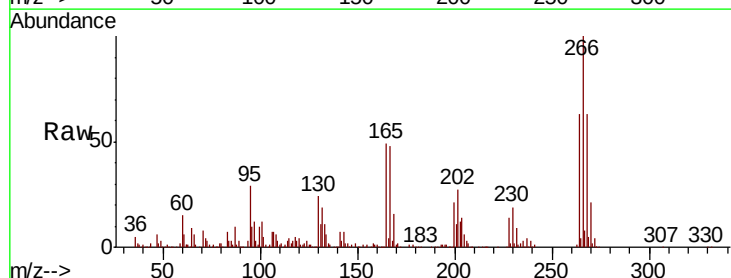
Tgt Ion:266 Resp: 187844

Ion Ratio Lower Upper

266 100

268 62.6 51.8 77.8

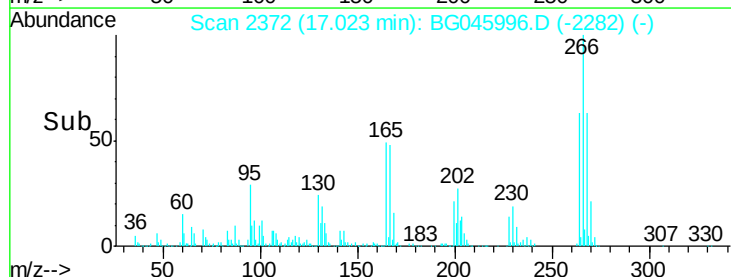
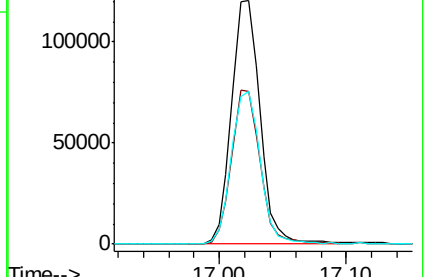
264 62.8 51.4 77.0

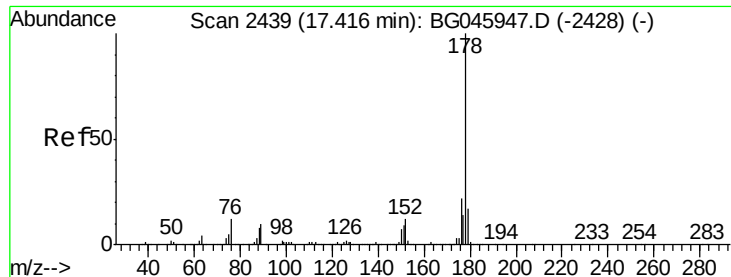


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

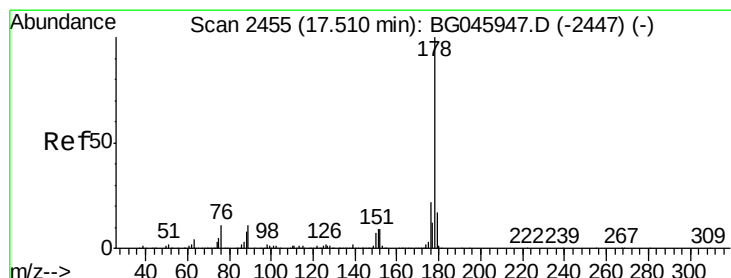
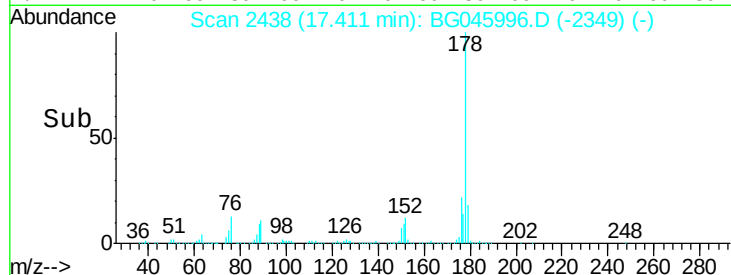
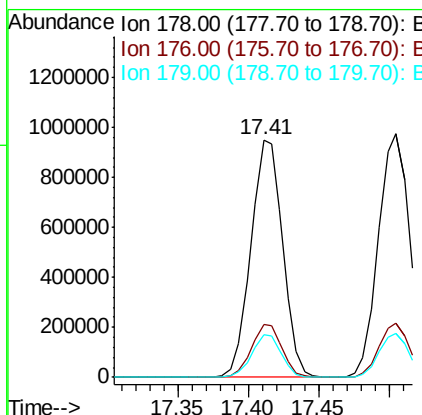
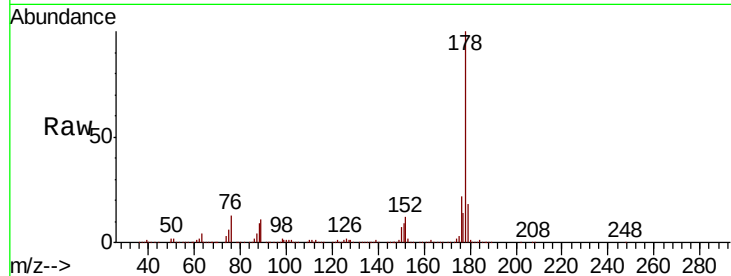




#71
Phenanthrene
Concen: 38.434 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

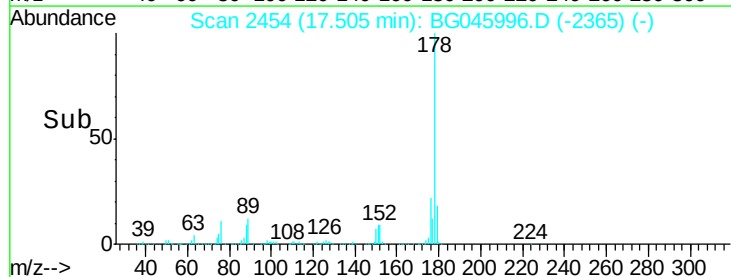
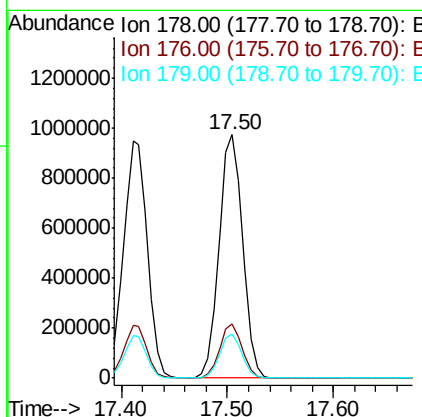
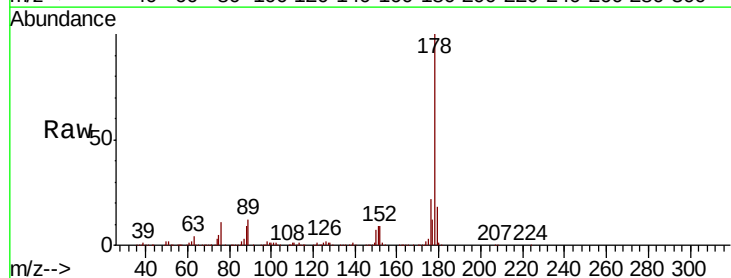
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

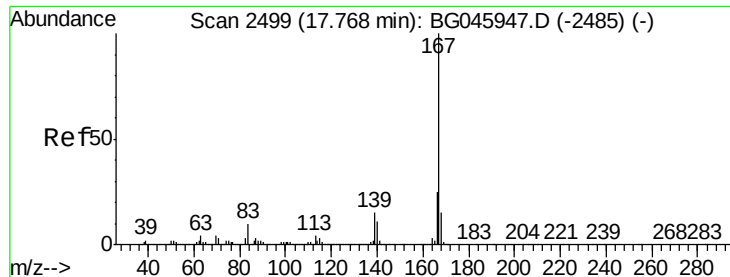
Tot Ion:178 Resp: 1501208
Ion Ratio Lower Upper
178 100
176 22.4 17.4 26.2
179 17.8 13.4 20.2



#72
Anthracene
Concen: 38.166 ng
RT: 17.50 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Tgt Ion:178 Resp: 1512836
Ion Ratio Lower Upper
178 100
176 22.0 17.2 25.8
179 17.9 14.0 21.0

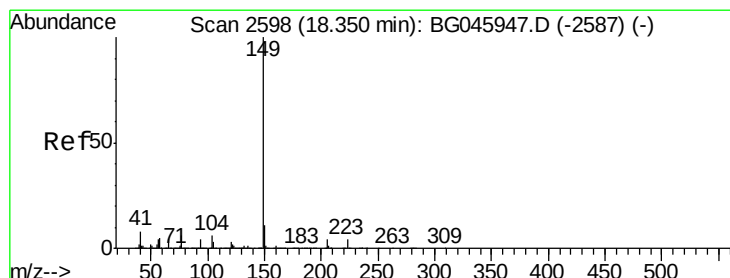
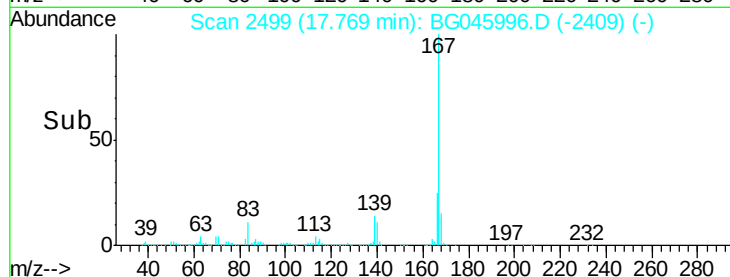
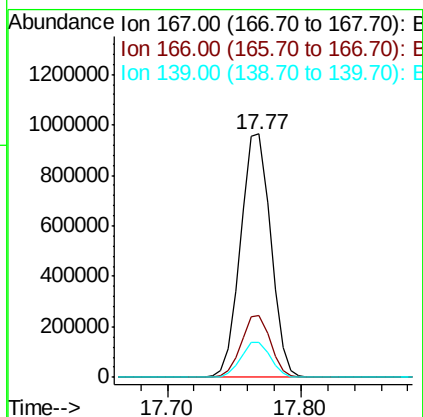
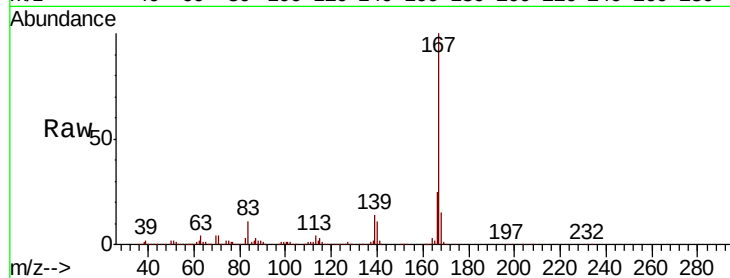




#73
 Carbazole
 Concen: 37.897 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BG045996.D
 Acq: 9 Jul 2020 16:00

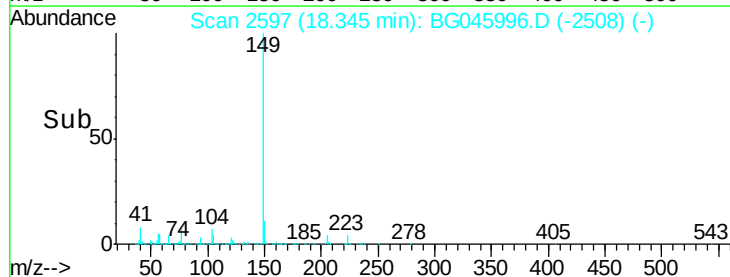
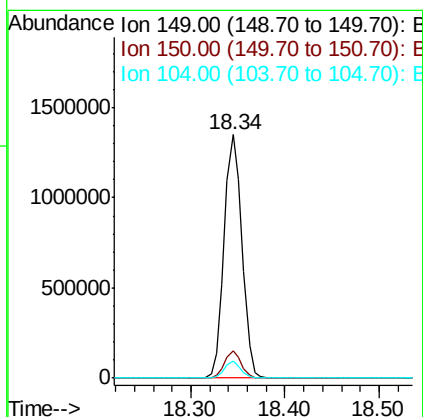
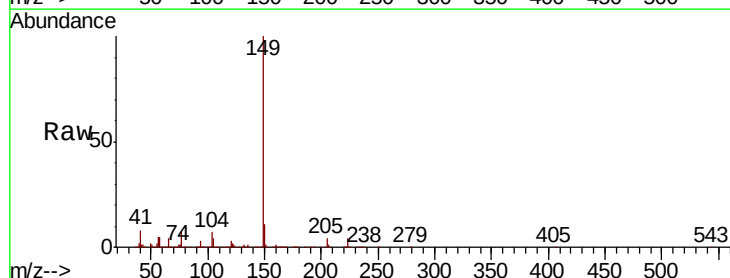
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

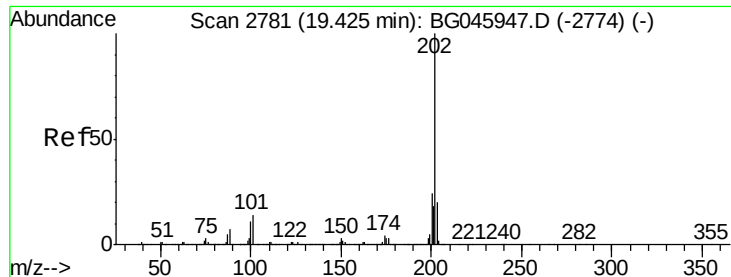
Tot Ion:167 Resp: 1505734
 Ion Ratio Lower Upper
 167 100
 166 25.3 20.4 30.6
 139 14.3 11.8 17.8



#74
 Di-n-butylphthalate
 Concen: 37.180 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG045996.D
 Acq: 9 Jul 2020 16:00

Tgt Ion:149 Resp: 1785116
 Ion Ratio Lower Upper
 149 100
 150 11.1 9.0 13.4
 104 6.9 5.2 7.8





#75

Fluoranthene

Concen: 37.810 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

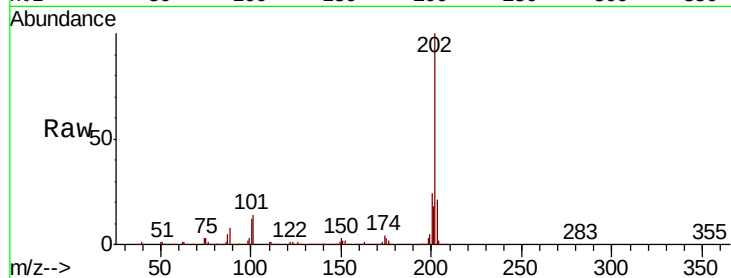
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 1707241

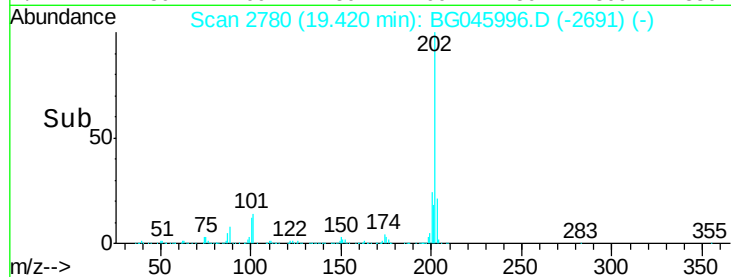
Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.8
203	21.3	0.4	40.4



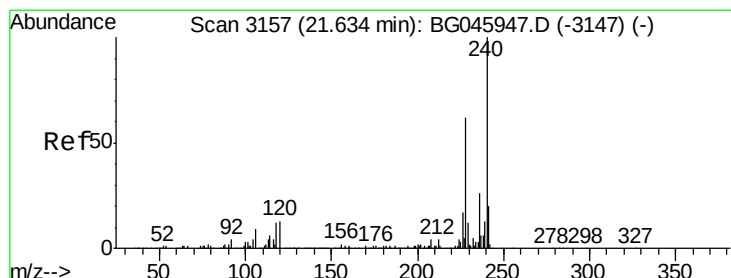
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

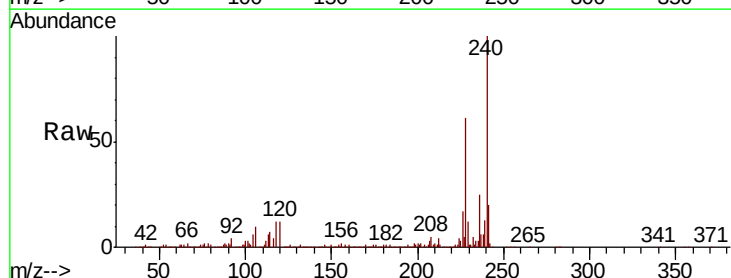
Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Tgt Ion:240 Resp: 636634

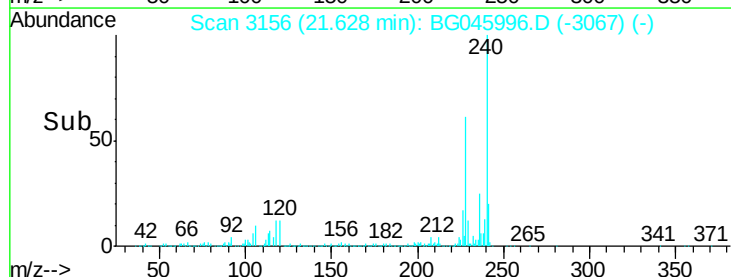
Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.6	16.0
236	25.3	20.4	30.6



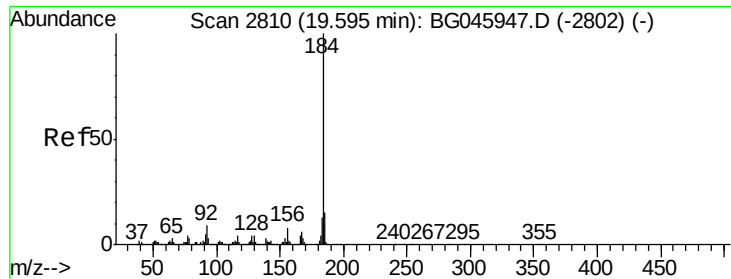
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 41.256 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

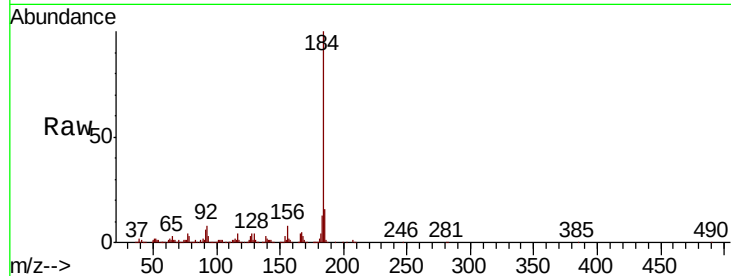
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:184 Resp: 750986

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.6	17.4
183	13.4	10.4	15.6

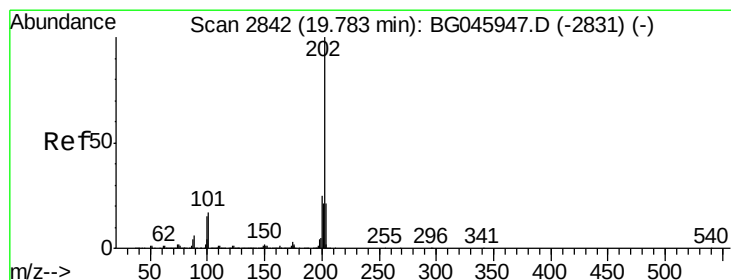
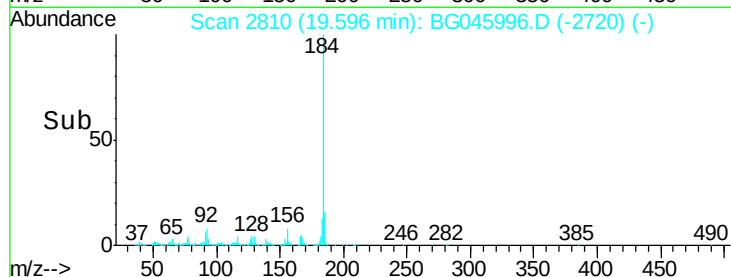
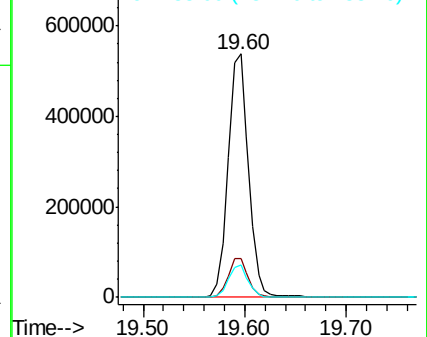


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.907 ng

RT: 19.78 min Scan# 2841

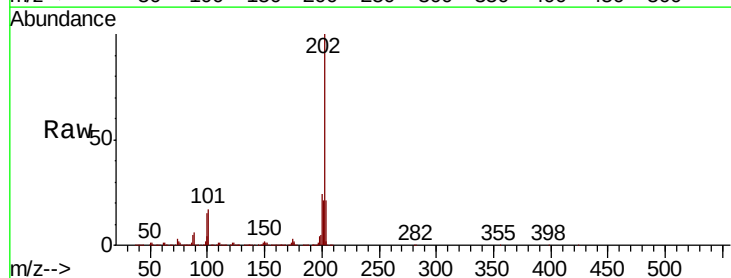
Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Tgt Ion:202 Resp: 1734206

Ion	Ratio	Lower	Upper
202	100		
200	24.5	20.1	30.1
203	20.8	16.5	24.7

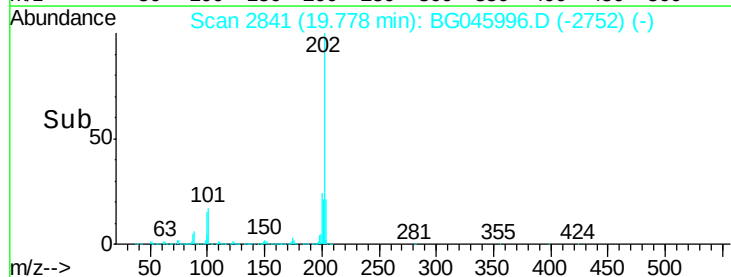
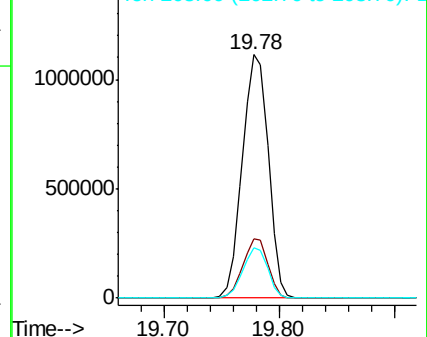


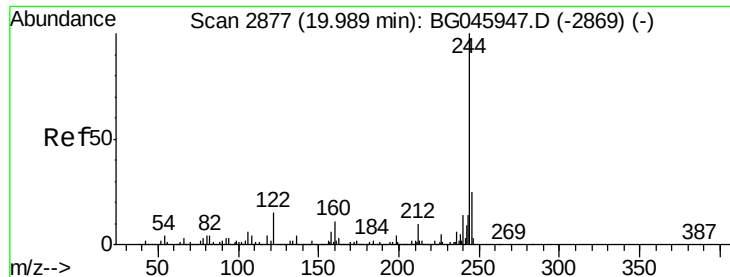
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.871 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

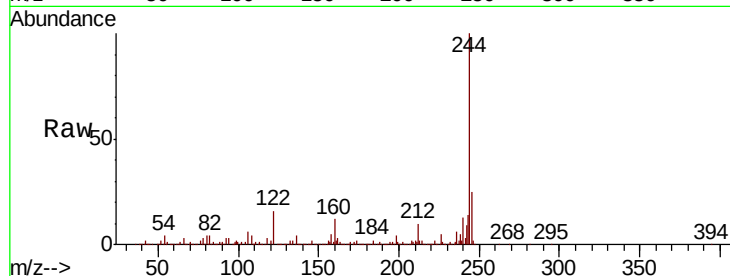
Tot Ion:244 Resp: 2198974

Ion Ratio Lower Upper

244 100

212 9.7 8.3 12.5

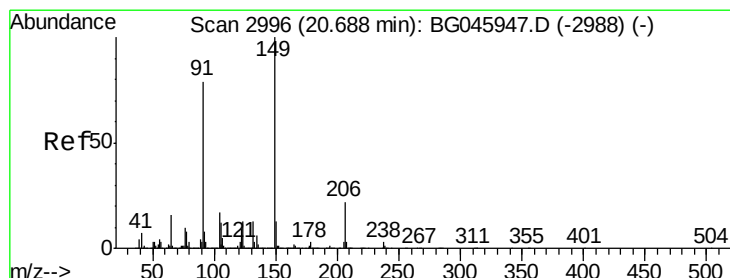
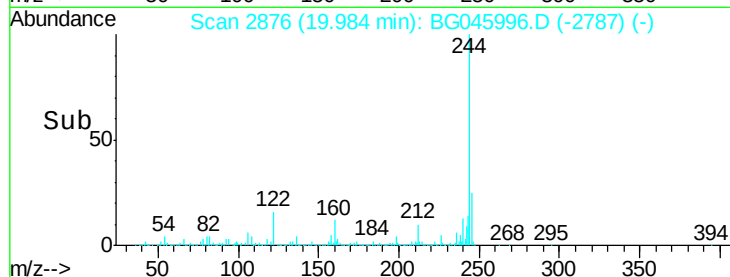
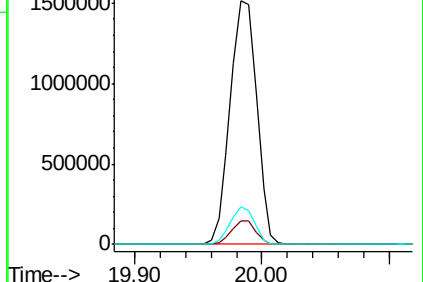
122 15.7 12.1 18.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.075 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

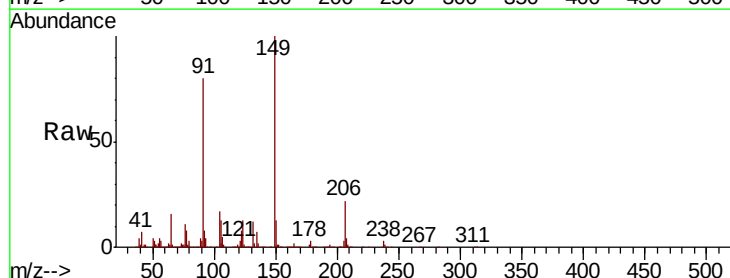
Tgt Ion:149 Resp: 822979

Ion Ratio Lower Upper

149 100

91 79.9 63.1 94.7

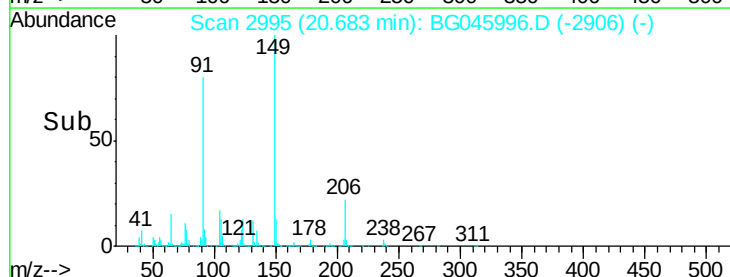
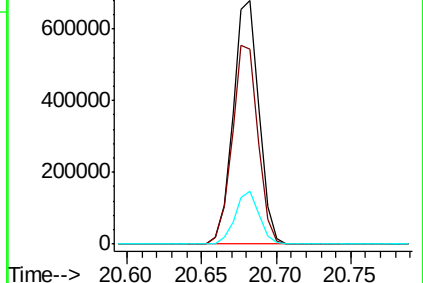
206 21.7 17.4 26.0

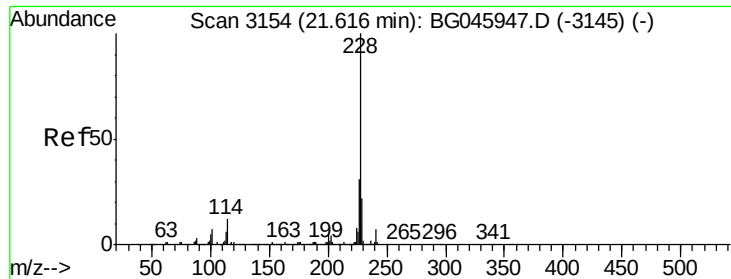


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.864 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

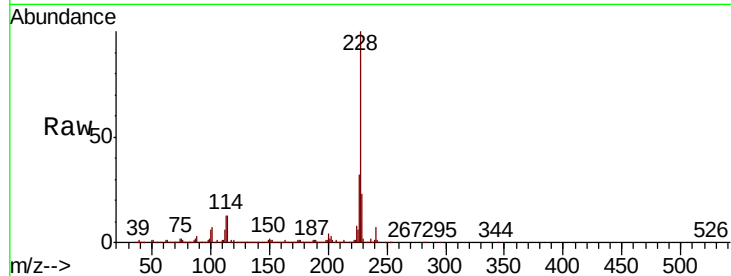
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1585023

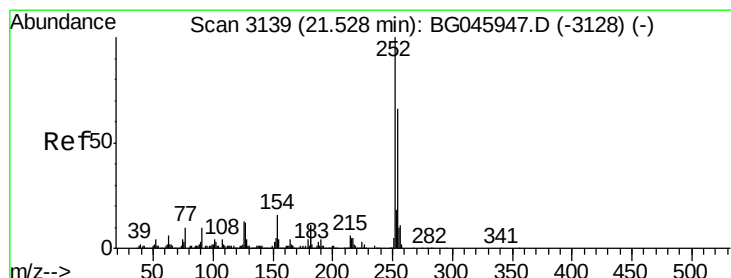
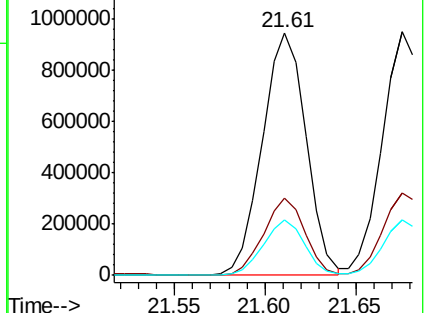
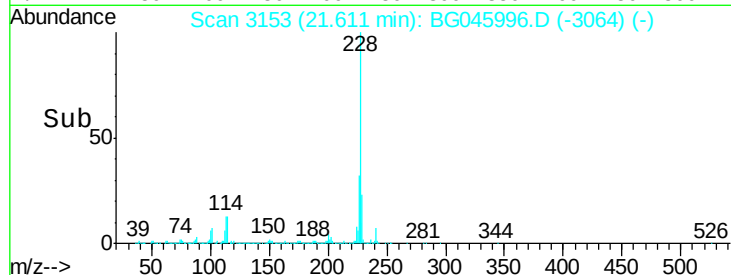
Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.8	37.2
229	22.7	17.8	26.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.970 ng

RT: 21.52 min Scan# 3138

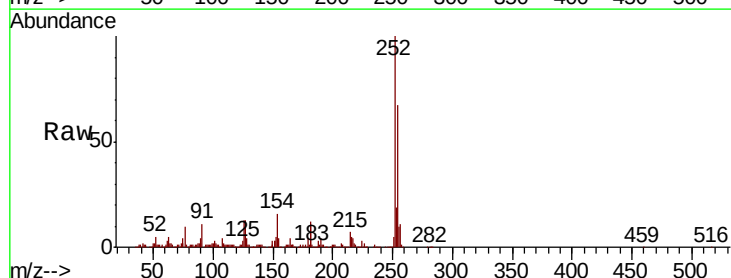
Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Tgt Ion:252 Resp: 587327

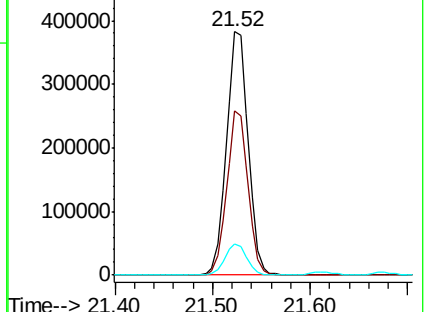
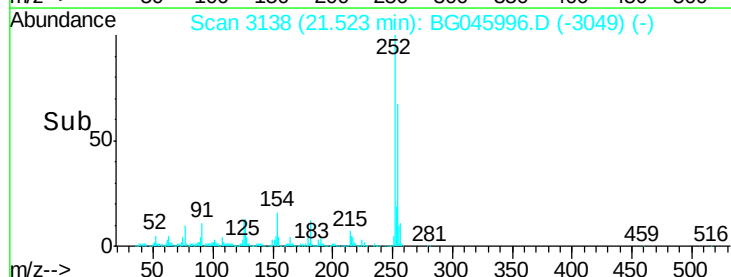
Ion	Ratio	Lower	Upper
252	100		
254	67.4	52.9	79.3
126	13.0	10.4	15.6

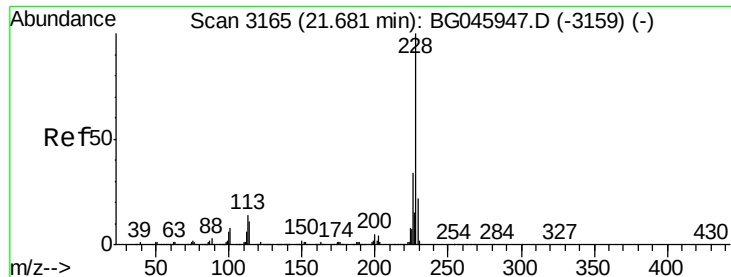


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.049 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

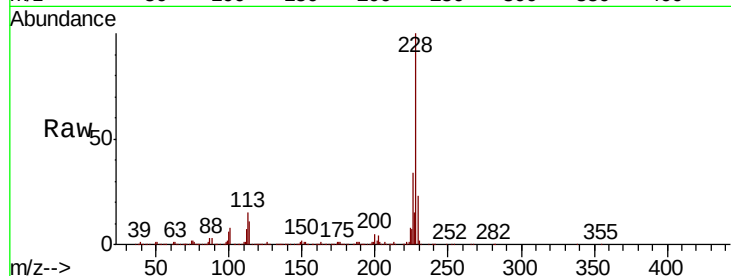
Tot Ion:228 Resp: 1517368

Ion Ratio Lower Upper

228 100

226 34.0 26.7 40.1

229 22.5 17.3 25.9

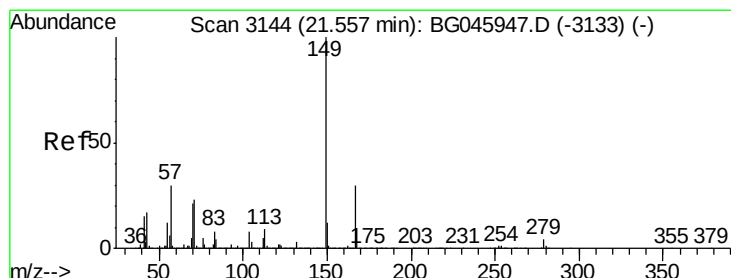
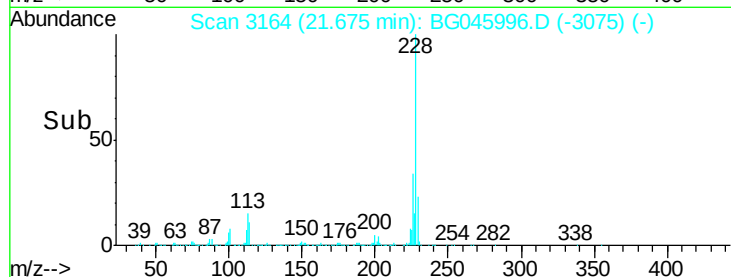
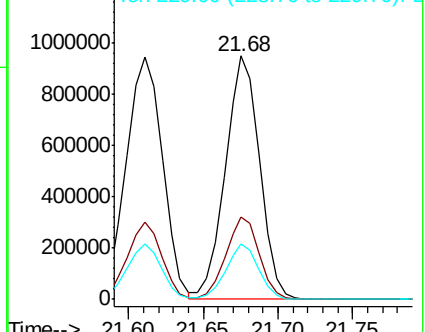


Abundance

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: 38.473 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

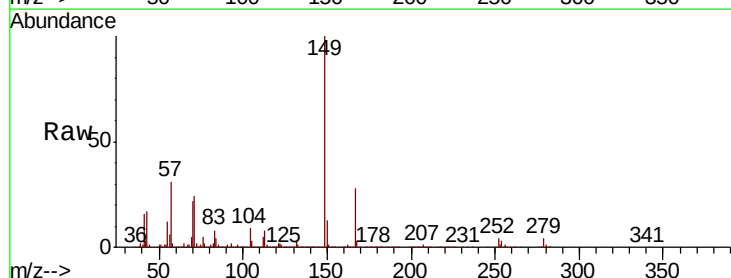
Tgt Ion:149 Resp: 1146872

Ion Ratio Lower Upper

149 100

167 28.4 23.8 35.8

279 3.8 3.5 5.3

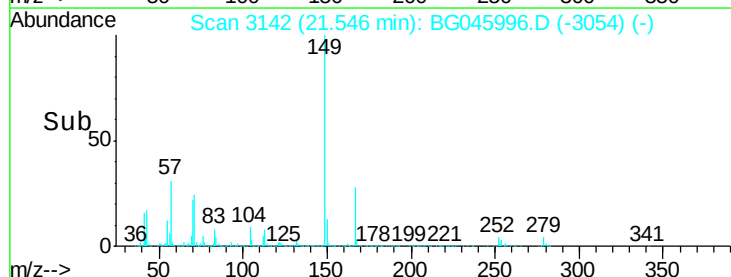
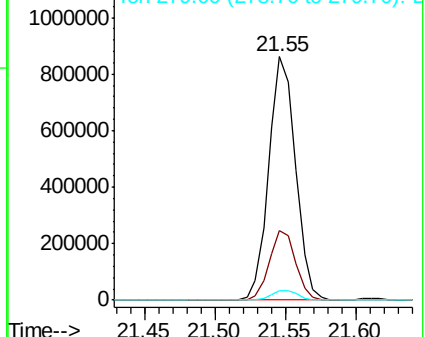


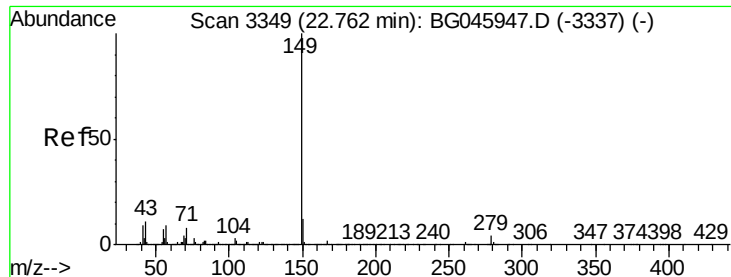
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

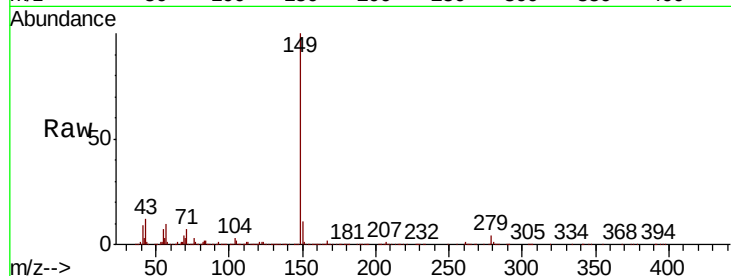




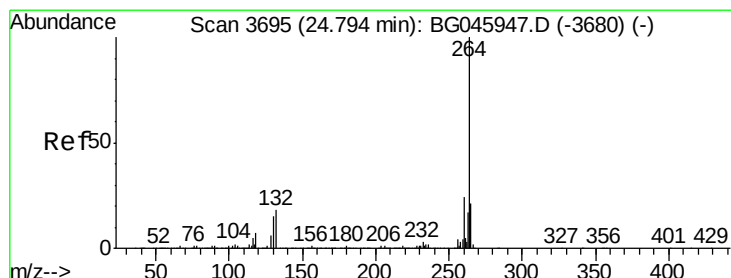
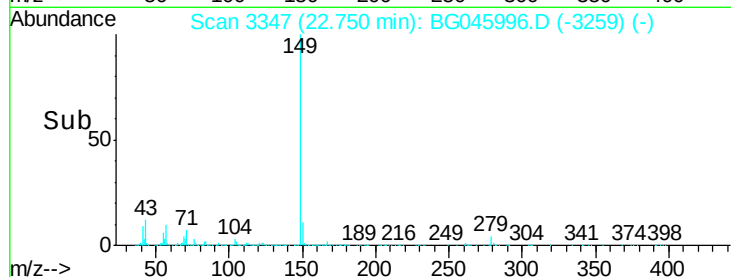
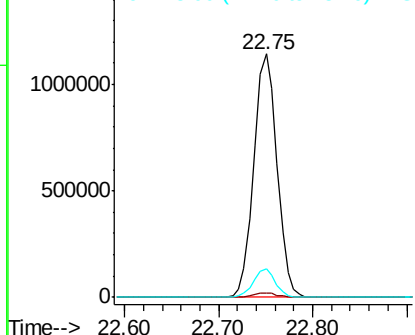
#85
Di-n-octyl phthalate
Concen: 37.804 ng
RT: 22.75 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 1955602
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 11.0 8.6 12.8

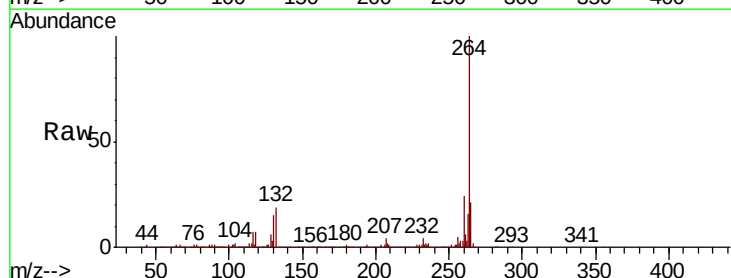


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

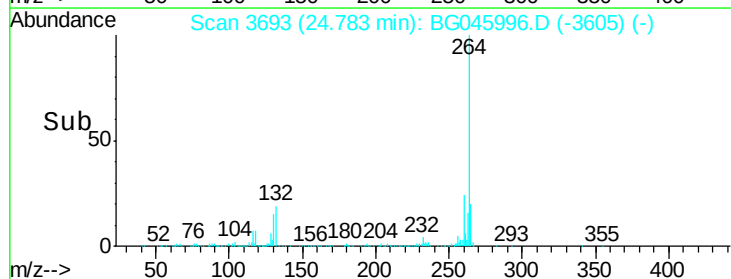
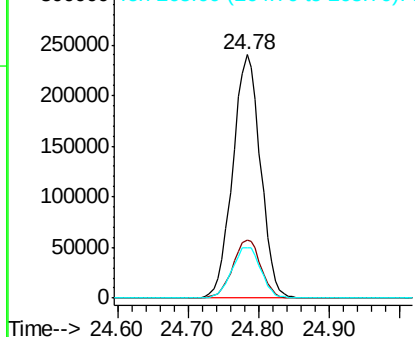


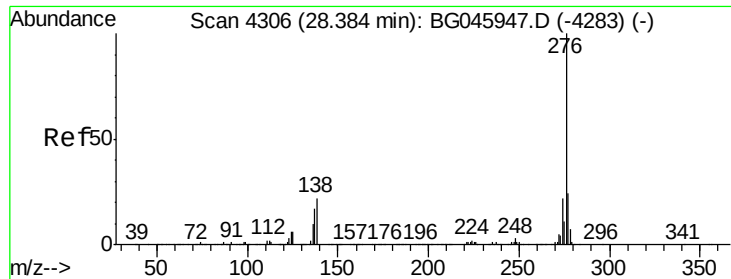
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Tgt Ion:264 Resp: 656167
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 20.5 16.9 25.3



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



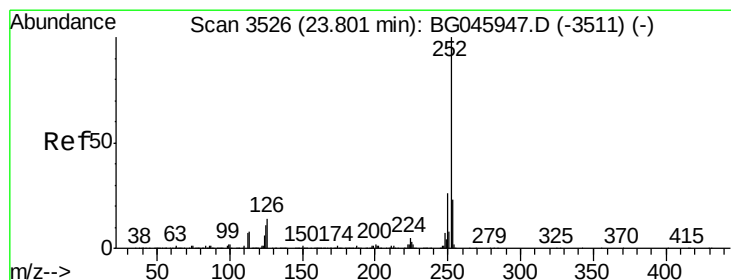
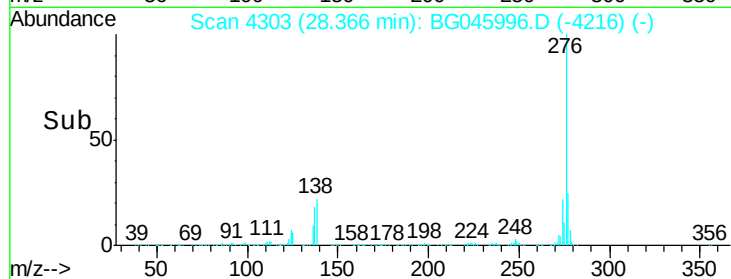
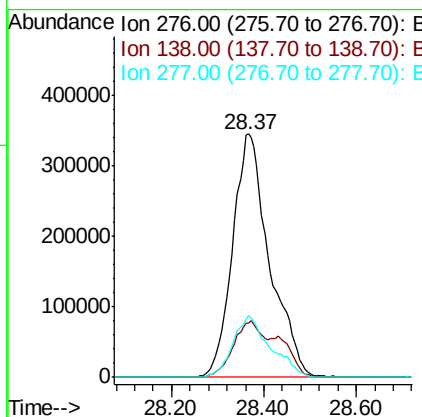
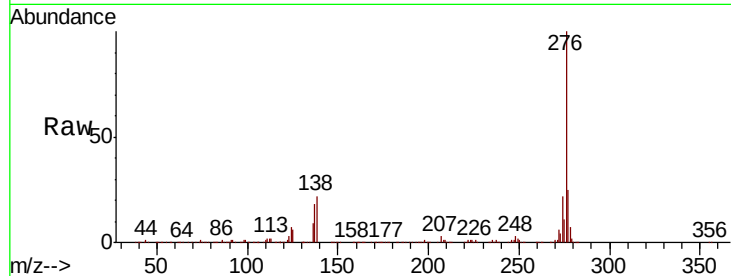


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.037 ng
 RT: 28.37 min Scan# 4303
 Delta R.T. -0.02 min
 Lab File: BG045996.D
 Acq: 9 Jul 2020 16:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:276 Resp: 1921887

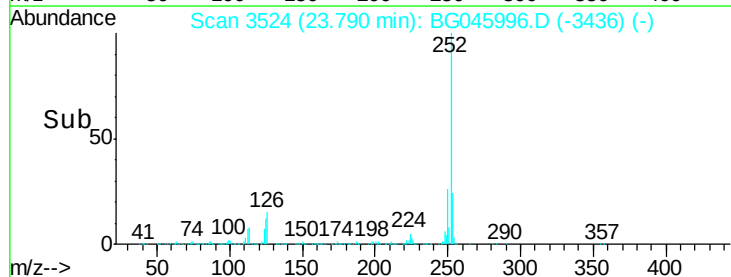
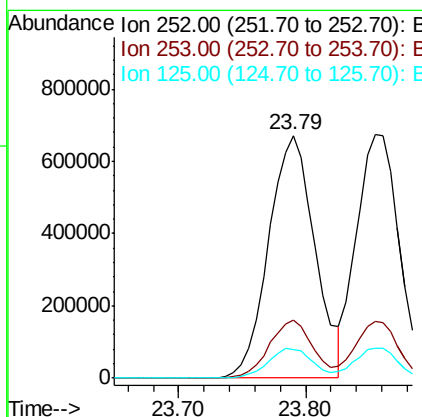
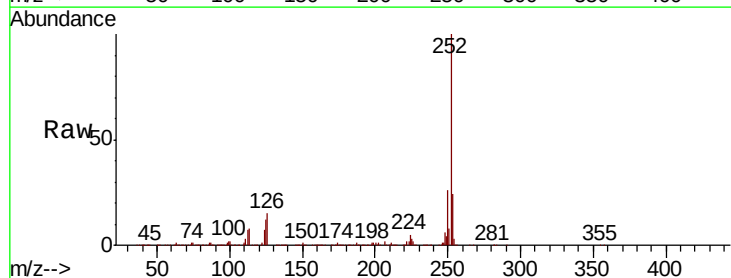
Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.4	24.6
277	25.6	20.6	31.0

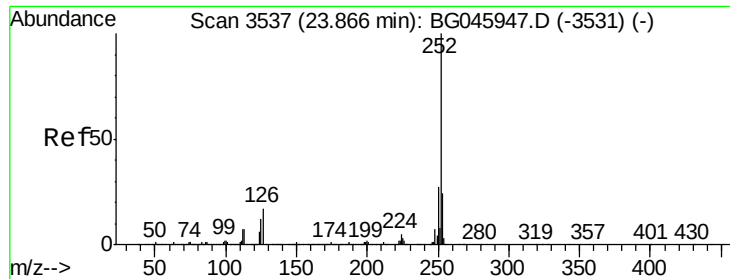


#88
 Benzo(b)fluoranthene
 Concen: 40.911 ng
 RT: 23.79 min Scan# 3524
 Delta R.T. -0.01 min
 Lab File: BG045996.D
 Acq: 9 Jul 2020 16:00

Tgt Ion:252 Resp: 1704112

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.5	27.7
125	11.8	9.2	13.8





#89

Benzo(k)fluoranthene

Concen: 39.668 ng

RT: 23.85 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

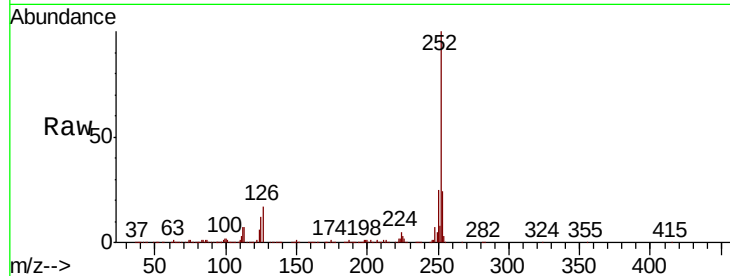
Tot Ion:252 Resp: 1562386

Ion Ratio Lower Upper

252 100

253 23.5 18.9 28.3

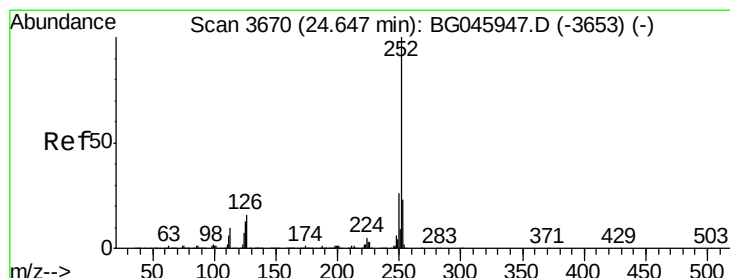
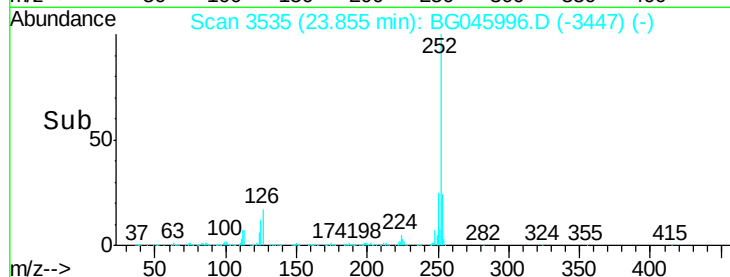
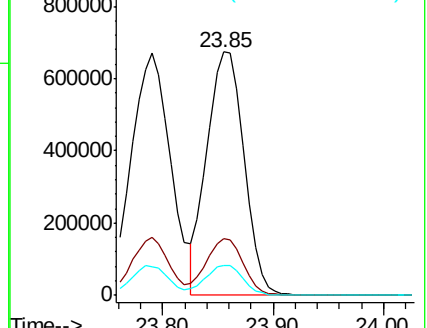
125 12.5 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.217 ng

RT: 24.64 min Scan# 3668

Delta R.T. -0.01 min

Lab File: BG045996.D

Acq: 9 Jul 2020 16:00

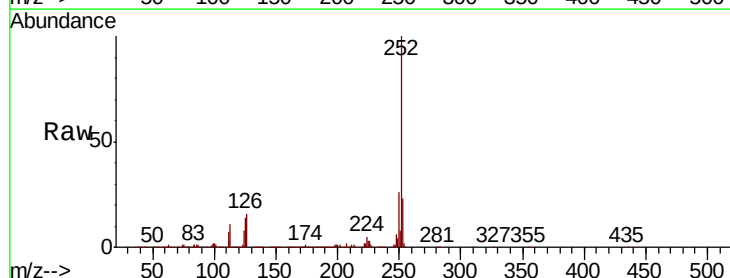
Tgt Ion:252 Resp: 1575264

Ion Ratio Lower Upper

252 100

253 22.6 18.6 28.0

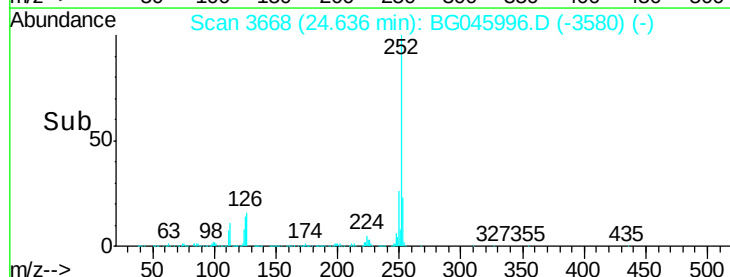
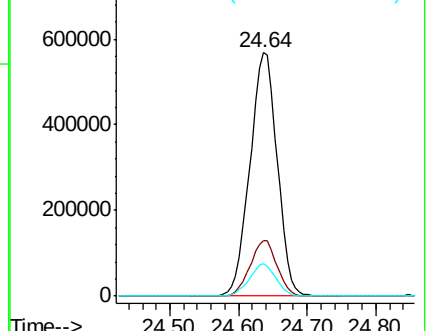
125 13.5 10.5 15.7

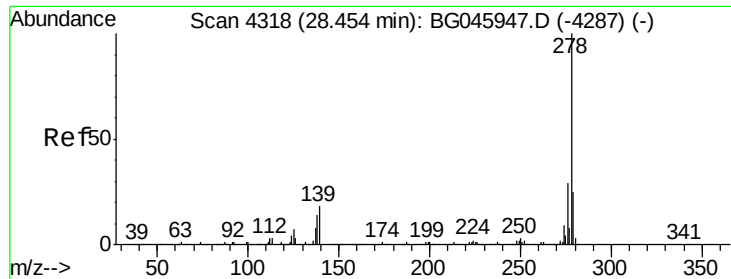


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

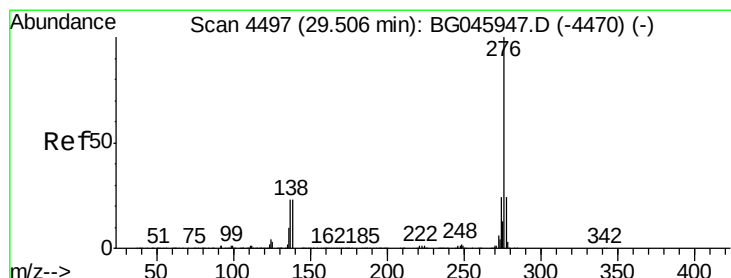
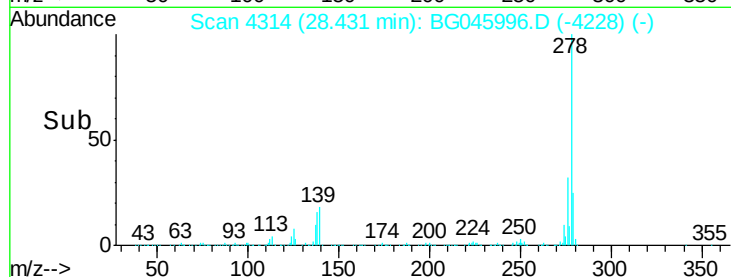
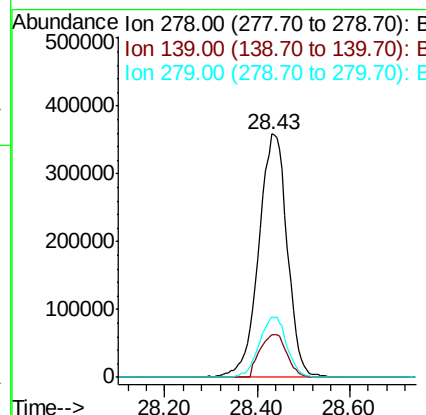
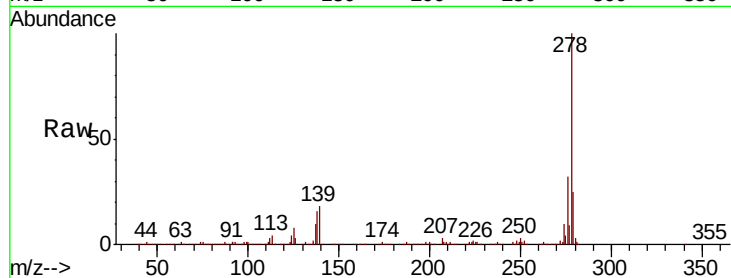




#91
Dibenzo(a,h)anthracene
Concen: 39.732 ng
RT: 28.43 min Scan# 4314
Delta R.T. -0.02 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:278 Resp: 1538321
Ion Ratio Lower Upper
278 100
139 17.6 14.3 21.5
279 24.7 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 39.248 ng
RT: 29.48 min Scan# 4492
Delta R.T. -0.03 min
Lab File: BG045996.D
Acq: 9 Jul 2020 16:00

Tgt Ion:276 Resp: 1529211
Ion Ratio Lower Upper
276 100
277 25.1 19.4 29.0
138 23.3 18.6 28.0

