

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
 Data File : BG045771.D
 Acq On : 16 Jun 2020 10:37
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 16 13:34:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	47413	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	178512	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	129386	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	302220	20.00	ng	0.00
76) Chrysene-d12	21.57	240	282008	20.00	ng	0.00
86) Perylene-d12	24.71	264	321342	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	239102	85.19	ng	0.00
7) Phenol-d6	7.16	99	365721	85.66	ng	0.00
23) Nitrobenzene-d5	9.09	82	337409	86.35	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	161173	82.51	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	759034	86.21	ng	0.00
79) Terphenyl-d14	19.94	244	1235426	88.78	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	53132	41.331	ng	98
3) Pyridine	3.77	79	157965	41.467	ng	98
4) n-Nitrosodimethylamine	3.69	42	56665	44.315	ng	# 98
6) Aniline	7.25	93	213559	42.482	ng	99
8) 2-Chlorophenol	7.51	128	126266	42.028	ng	97
9) Benzaldehyde	7.05	77	105746	41.238	ng	97
10) Phenol	7.19	94	170976	41.331	ng	93
11) bis(2-Chloroethyl)ether	7.34	93	130843	41.642	ng	98
12) 1,3-Dichlorobenzene	7.81	146	149776	41.834	ng	100
13) 1,4-Dichlorobenzene	7.95	146	149630	41.841	ng	98
14) 1,2-Dichlorobenzene	8.27	146	143839	42.014	ng	94
15) Benzyl Alcohol	8.18	79	141523	42.836	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	123120	41.576	ng	92
17) 2-Methylphenol	8.42	107	131176	42.609	ng	95
18) Hexachloroethane	9.00	117	56062	41.276	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	122522	43.651	ng	98
20) 3+4-Methylphenols	8.76	107	169404	41.841	ng	93
22) Acetophenone	8.74	105	211429	43.152	ng	97
24) Nitrobenzene	9.13	77	182701	43.851	ng	98
25) Isophorone	9.65	82	324897	42.949	ng	99
26) 2-Nitrophenol	9.84	139	76599	44.129	ng	99
27) 2,4-Dimethylphenol	9.94	122	117379	44.292	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	171063	43.291	ng	98
29) 2,4-Dichlorophenol	10.41	162	135197	43.726	ng	96
30) 1,2,4-Trichlorobenzene	10.59	180	160936	43.968	ng	98
31) Naphthalene	10.78	128	426360	43.687	ng	99
32) Benzoic acid	10.14	122	64928	39.689	ng	94
33) 4-Chloroaniline	10.90	127	178736	43.733	ng	97
34) Hexachlorobutadiene	11.07	225	114562	44.008	ng	99
35) Caprolactam	11.67	113	42988	42.965	ng	97
36) 4-Chloro-3-methylphenol	12.08	107	152290	42.659	ng	96
37) 2-Methylnaphthalene	12.39	142	321195	44.197	ng	98
38) 1-Methylnaphthalene	12.60	142	300201	43.652	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	183355	43.037	ng	99

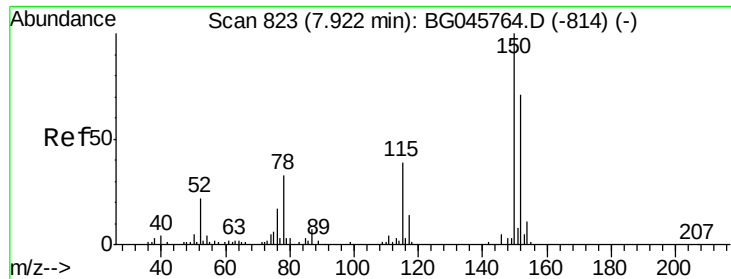
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
 Data File : BG045771.D
 Acq On : 16 Jun 2020 10:37
 Operator : CG/JU
 Sample : SSTDCCC040
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 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	84642	40.601	ng	96
43) 2,4,6-Trichlorophenol	13.02	196	123388	42.716	ng	95
44) 2,4,5-Trichlorophenol	13.12	196	137145	41.659	ng	97
46) 1,1'-Biphenyl	13.40	154	393654	42.496	ng	100
47) 2-Chloronaphthalene	13.44	162	322118	43.048	ng	98
48) 2-Nitroaniline	13.66	65	106835	42.922	ng	99
49) Acenaphthylene	14.29	152	516668	43.108	ng	99
50) Dimethylphthalate	14.03	163	429937	42.417	ng	99
51) 2,6-Dinitrotoluene	14.15	165	95785	42.074	ng	96
52) Acenaphthene	14.63	154	310292	42.711	ng	97
53) 3-Nitroaniline	14.50	138	96352	42.372	ng	95
54) 2,4-Dinitrophenol	14.70	184	42663	39.380	ng	# 90
55) Dibenzofuran	14.97	168	509044	43.132	ng	99
56) 4-Nitrophenol	14.88	139	64691	41.708	ng	95
57) 2,4-Dinitrotoluene	14.94	165	139397	42.736	ng	97
58) Fluorene	15.62	166	415312	42.320	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	117366	41.075	ng	96
60) Diethylphthalate	15.39	149	446959	43.135	ng	99
61) 4-Chlorophenyl-phenylether	15.61	204	245570	43.416	ng	98
62) 4-Nitroaniline	15.66	138	94929	40.676	ng	95
63) Azobenzene	15.91	77	425638	42.781	ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	80869	43.298	ng	97
66) n-Nitrosodiphenylamine	15.83	169	368051	42.996	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	169365	43.129	ng	95
68) Hexachlorobenzene	16.63	284	176553	43.357	ng	96
69) Atrazine	16.79	200	138103	41.576	ng	99
70) Pentachlorophenol	16.99	266	75413	41.602	ng	94
71) Phenanthrene	17.36	178	670351	43.008	ng	98
72) Anthracene	17.45	178	668975	43.101	ng	99
73) Carbazole	17.73	167	634597	42.940	ng	99
74) Di-n-butylphthalate	18.28	149	759815	43.421	ng	100
75) Fluoranthene	19.38	202	825871	43.089	ng	99
77) Benzidine	19.56	184	318892	43.497	ng	99
78) Pyrene	19.74	202	828435	43.869	ng	98
80) Butylbenzylphthalate	20.62	149	343110	43.407	ng	94
81) Benzo(a)anthracene	21.56	228	790655	43.244	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	300464	43.445	ng	99
83) Chrysene	21.62	228	758728	42.904	ng	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	477704	43.448	ng	97
85) Di-n-octyl phthalate	22.65	149	833839	43.967	ng	100
87) Indeno(1,2,3-cd)pyrene	28.25	276	988324	42.425	ng	# 95
88) Benzo(b)fluoranthene	23.71	252	861184	42.743	ng	99
89) Benzo(k)fluoranthene	23.78	252	810583	42.036	ng	98
90) Benzo(a)pyrene	24.56	252	801937	42.609	ng	100
91) Dibenzo(a,h)anthracene	28.31	278	812176	43.476	ng	99
92) Benzo(g,h,i)perylene	29.36	276	794045	42.466	ng	98

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

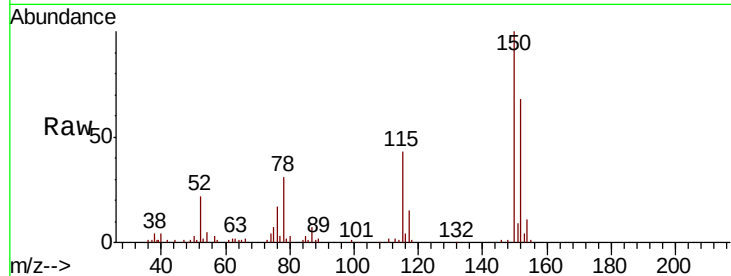


#1

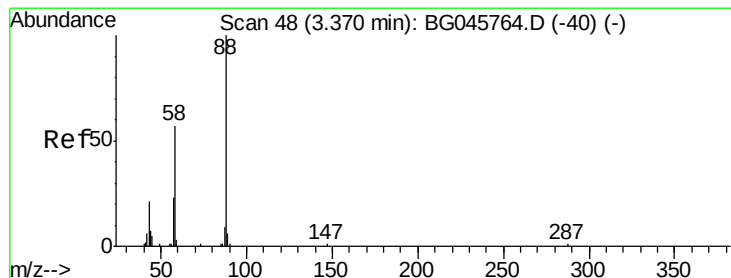
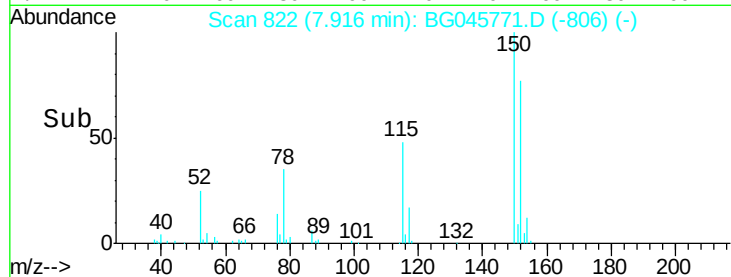
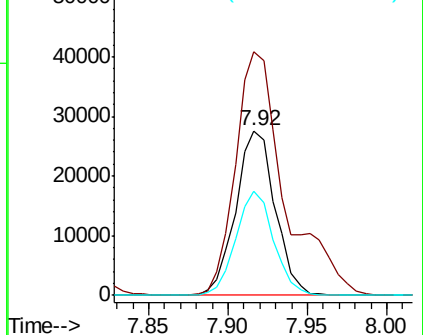
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 47413
Ion Ratio Lower Upper
152 100
150 147.7 113.1 169.7
115 62.8 43.8 65.6



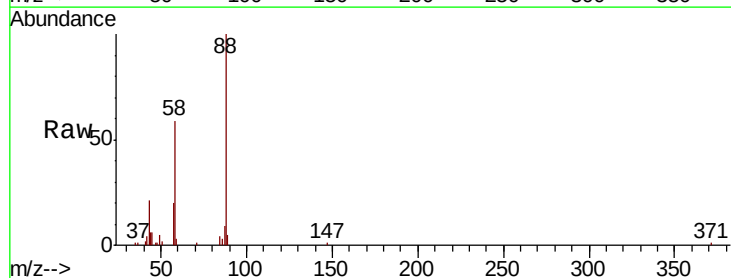
Abundance Ion 152.00 (151.70 to 152.70): B
Ion 150.00 (149.70 to 150.70): B
Ion 115.00 (114.70 to 115.70): B



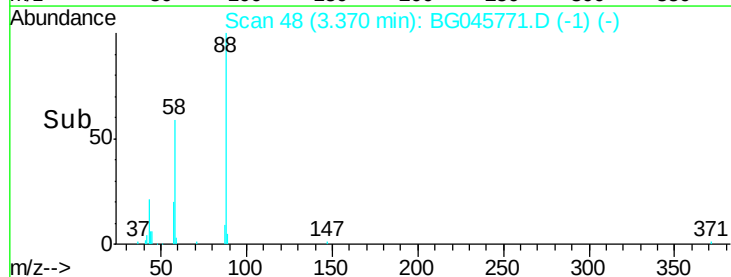
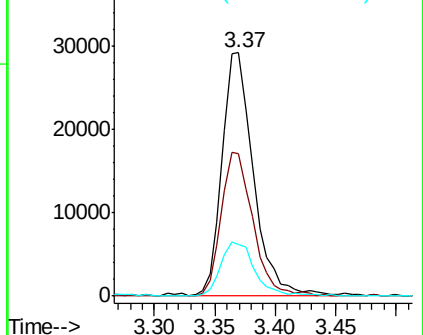
#2

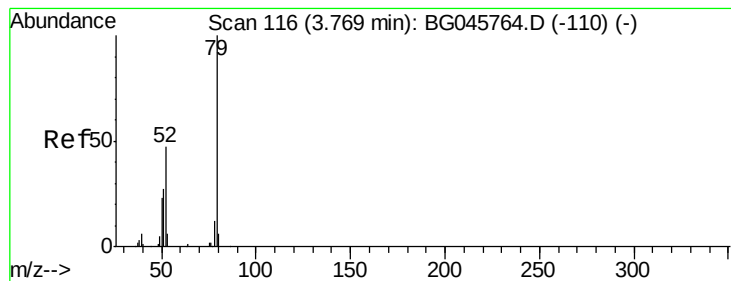
1,4-Dioxane
Concen: 41.331 ng
RT: 3.37 min Scan# 48
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Tgt Ion: 88 Resp: 53132
Ion Ratio Lower Upper
88 100
58 59.2 46.1 69.1
43 24.1 19.2 28.8



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: 41.467 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

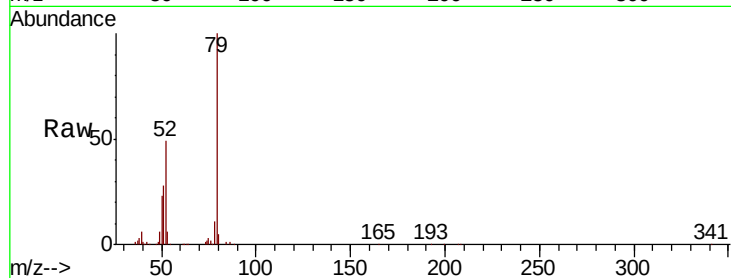
Tot Ion: 79 Resp: 157965

Ion Ratio Lower Upper

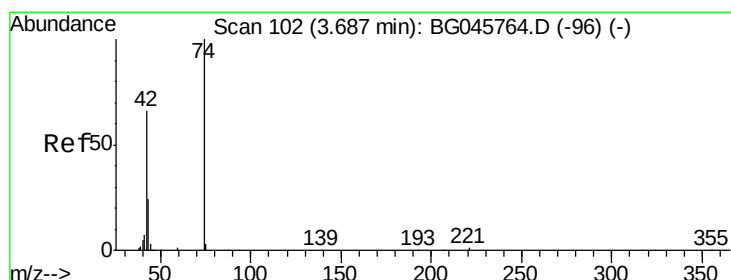
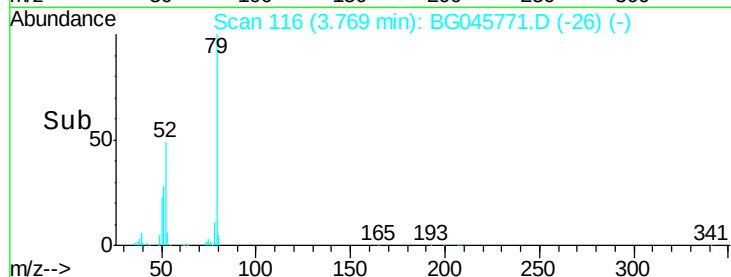
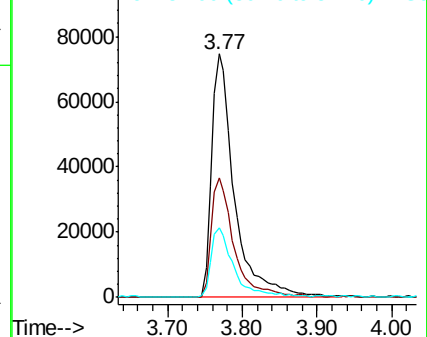
79 100

52 49.0 37.9 56.9

51 28.3 22.0 33.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 44.315 ng

RT: 3.69 min Scan# 102

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

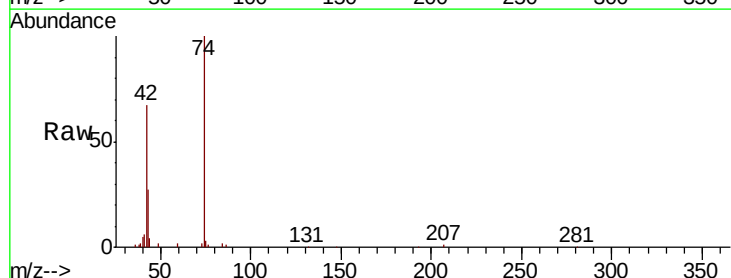
Tgt Ion: 42 Resp: 56665

Ion Ratio Lower Upper

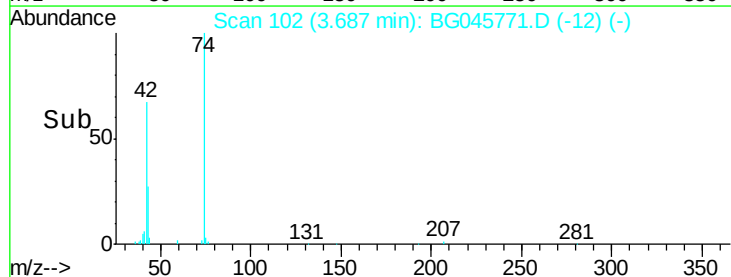
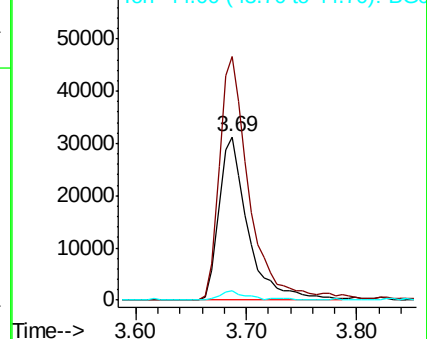
42 100

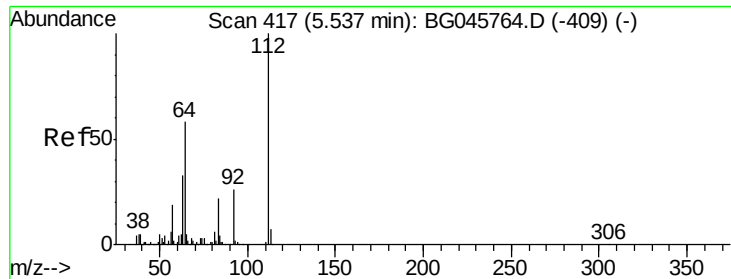
74 149.1 121.0 181.4

44 5.4 3.5 5.3#



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: 85.187 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

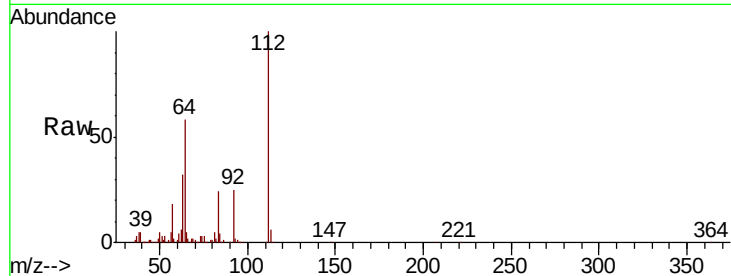
Tot Ion:112 Resp: 239102

Ion Ratio Lower Upper

112 100

64 58.2 46.6 69.8

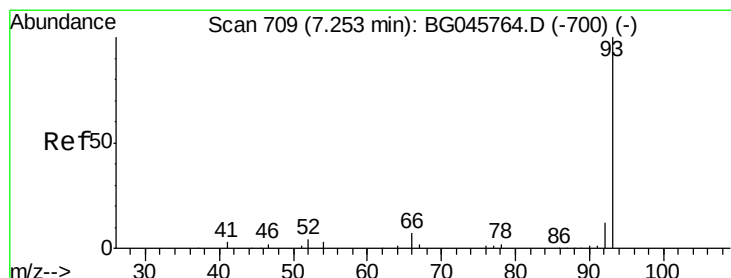
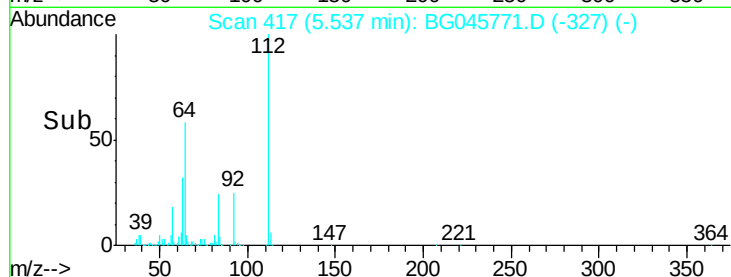
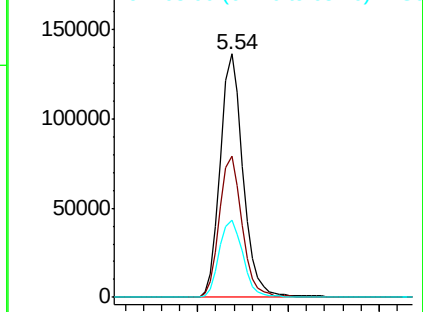
63 31.8 26.3 39.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 42.482 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

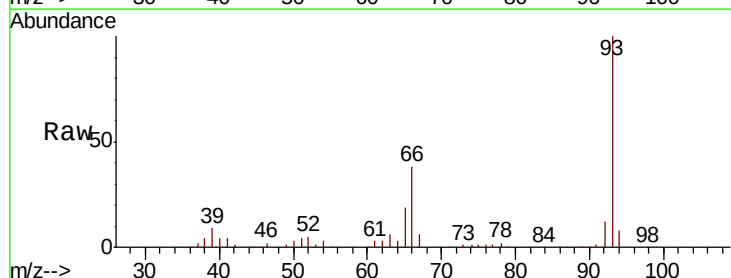
Tgt Ion: 93 Resp: 213559

Ion Ratio Lower Upper

93 100

66 38.3 30.0 45.0

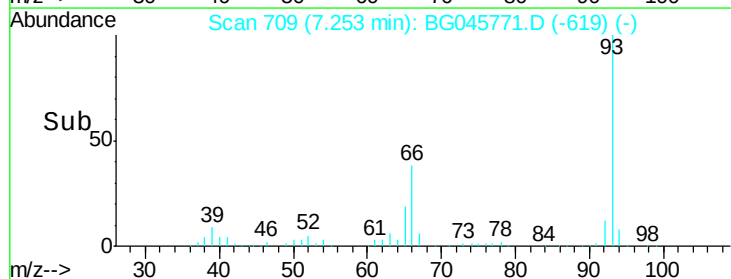
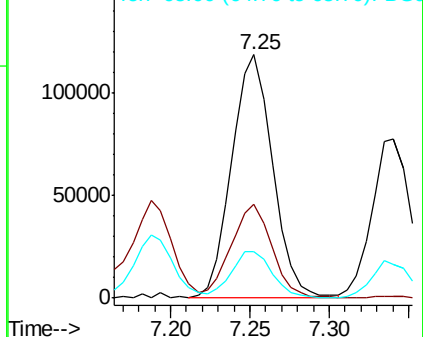
65 19.0 14.7 22.1

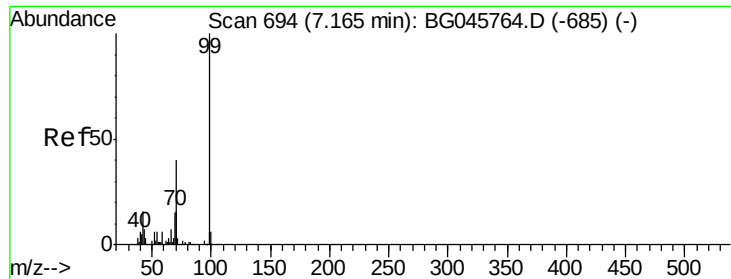


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.662 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

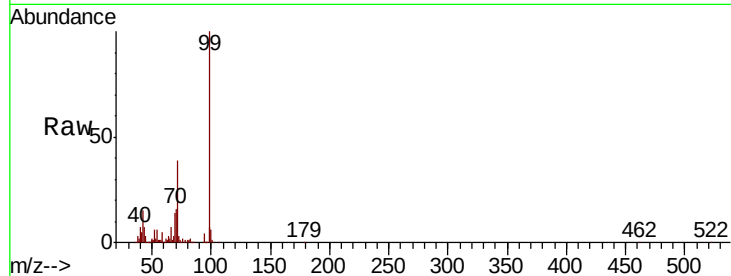
Tot Ion: 99 Resp: 365721

Ion Ratio Lower Upper

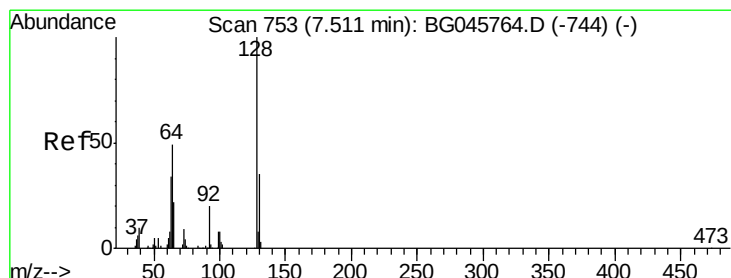
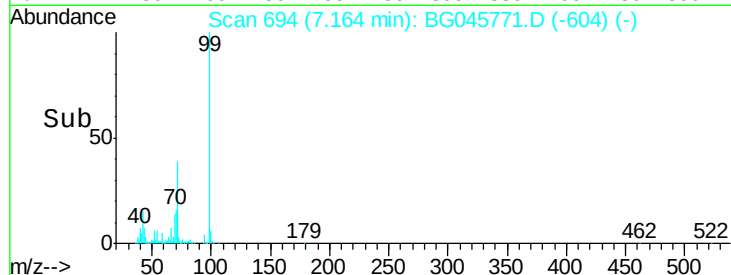
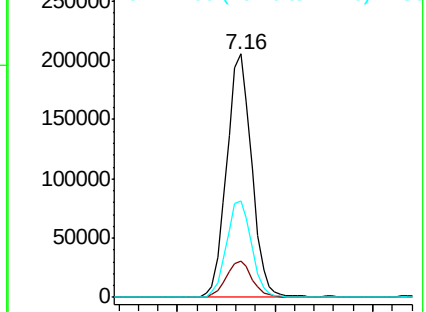
99 100

42 14.9 12.4 18.6

71 39.5 32.1 48.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.028 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

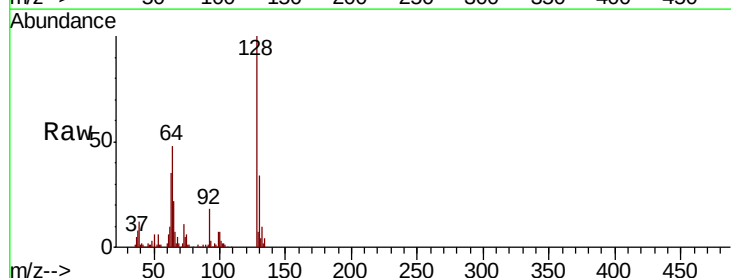
Tgt Ion: 128 Resp: 126266

Ion Ratio Lower Upper

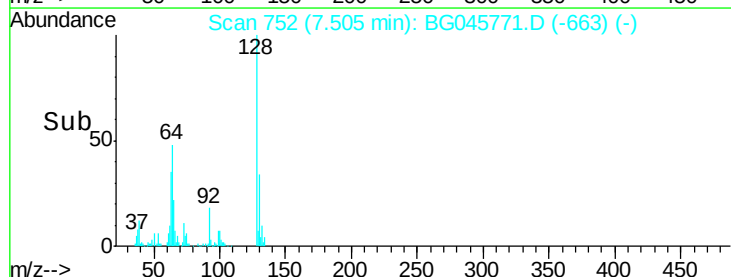
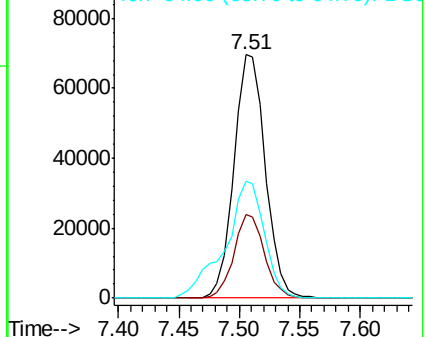
128 100

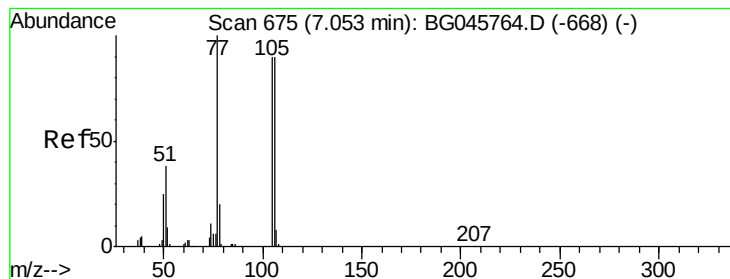
130 34.4 14.5 54.5

64 48.1 31.6 71.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 41.238 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

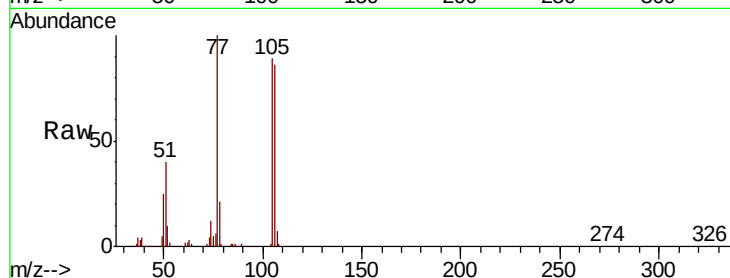
Tot Ion: 77 Resp: 105746

Ion Ratio Lower Upper

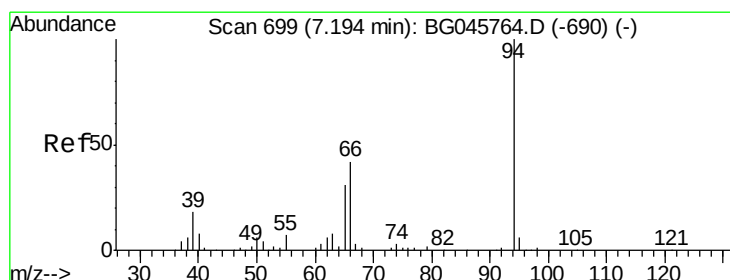
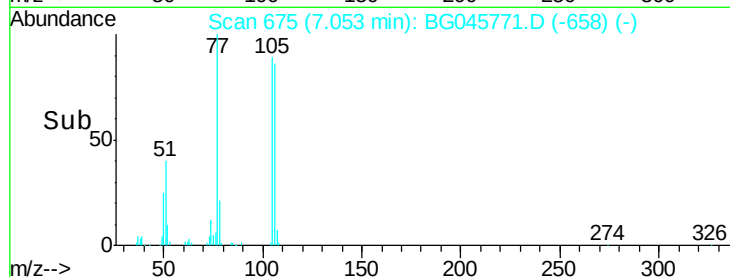
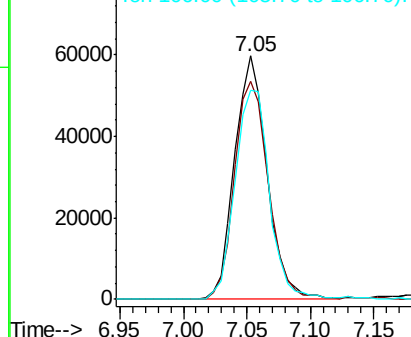
77 100

105 89.3 70.4 110.4

106 85.7 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.331 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

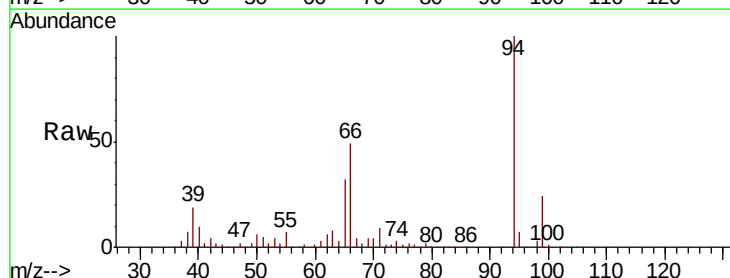
Tgt Ion: 94 Resp: 170976

Ion Ratio Lower Upper

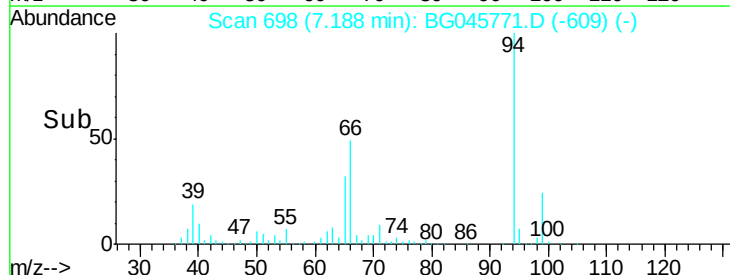
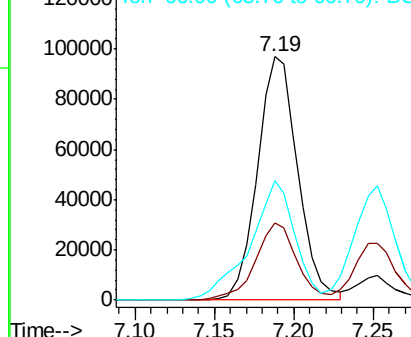
94 100

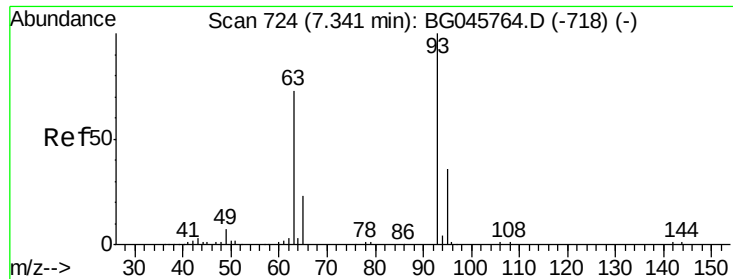
65 31.7 10.7 50.7

66 48.9 22.5 62.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 41.642 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

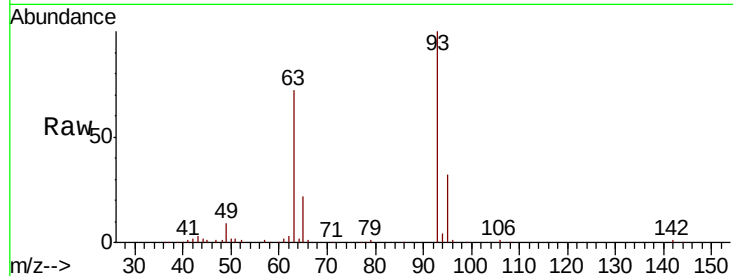
Tot Ion: 93 Resp: 130843

Ion Ratio Lower Upper

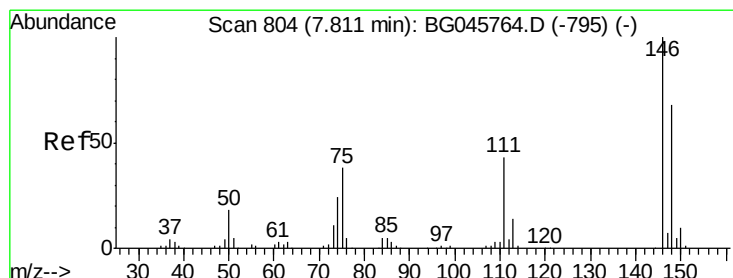
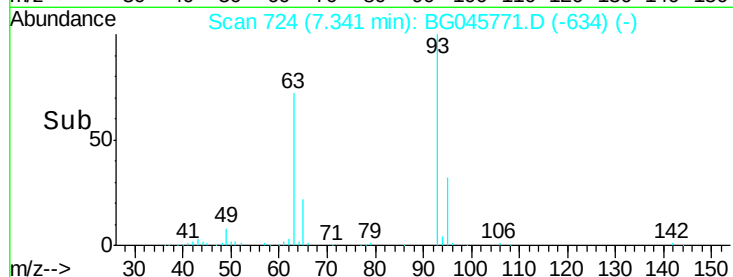
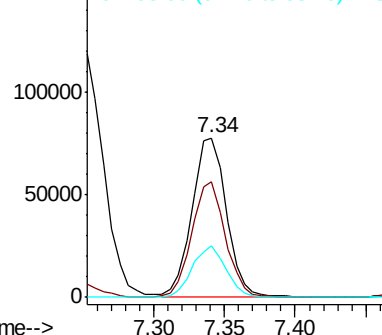
93 100

63 72.4 52.0 92.0

95 32.1 15.6 55.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 41.834 ng

RT: 7.81 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

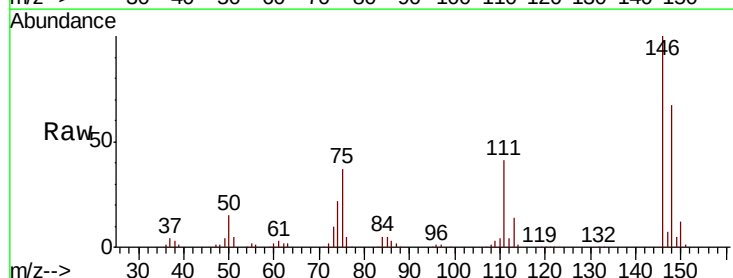
Tgt Ion: 146 Resp: 149776

Ion Ratio Lower Upper

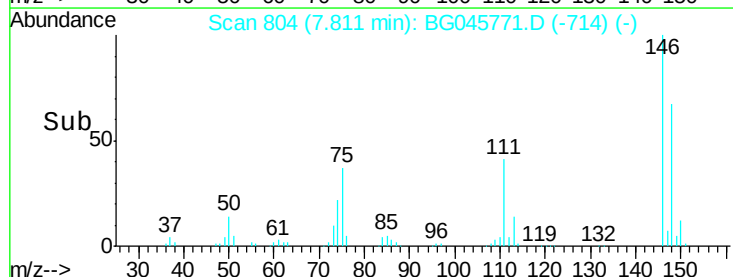
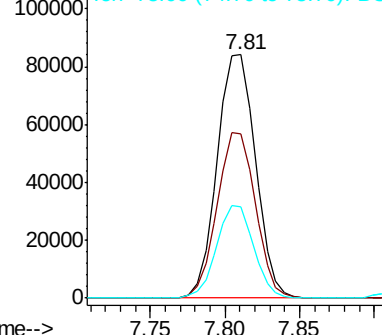
146 100

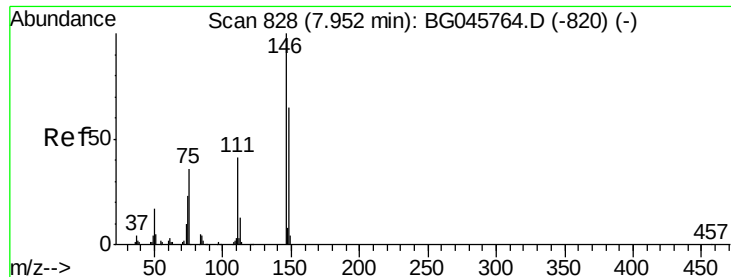
148 67.4 54.2 81.4

75 37.4 30.1 45.1



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

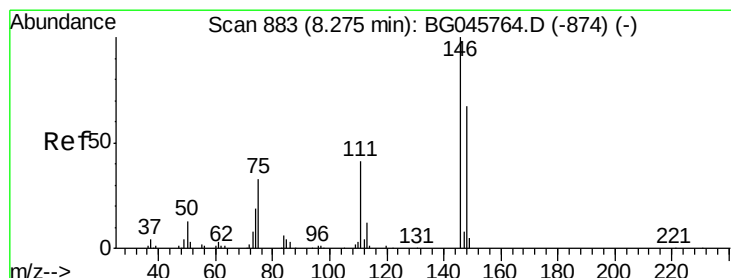
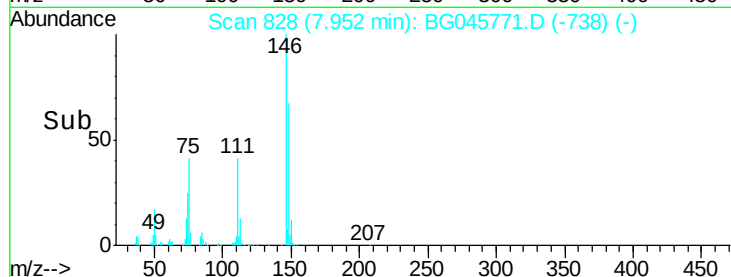
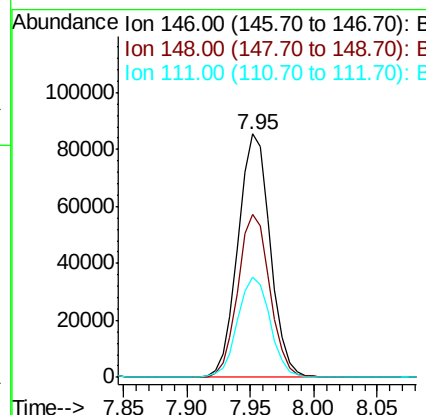
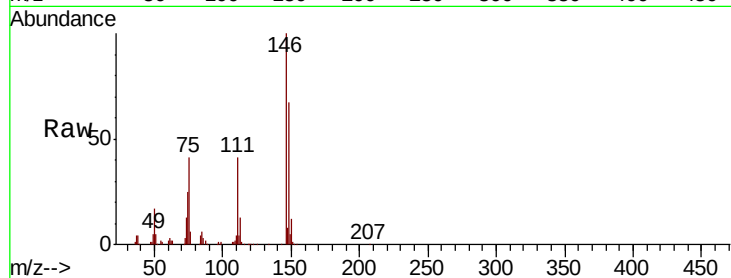




#13
 1,4-Dichlorobenzene
 Concen: 41.841 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BG045771.D
 Acq: 16 Jun 2020 10:37

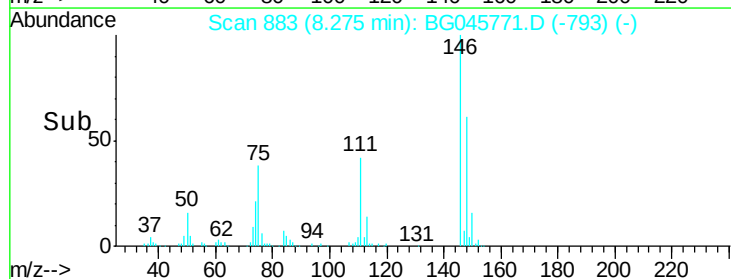
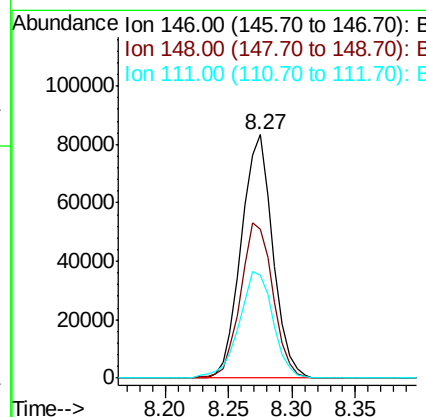
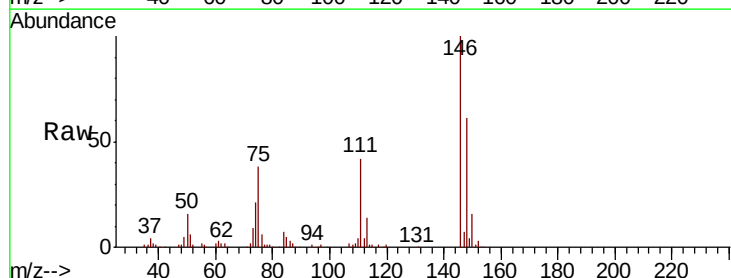
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

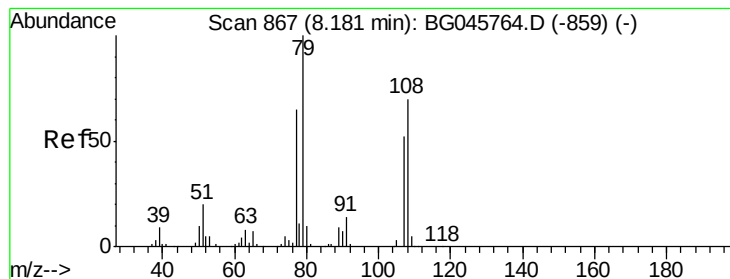
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	51.8	77.6
111	41.3	32.8	49.2



#14
 1,2-Dichlorobenzene
 Concen: 42.014 ng
 RT: 8.27 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BG045771.D
 Acq: 16 Jun 2020 10:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.1	54.1	81.1
111	42.5	32.9	49.3





#15

Benzyl Alcohol

Concen: 42.836 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

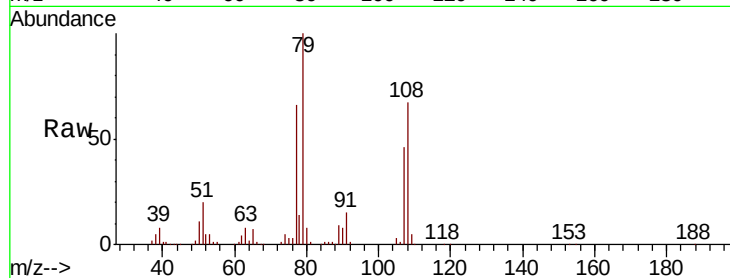
Tot Ion: 79 Resp: 141523

Ion Ratio Lower Upper

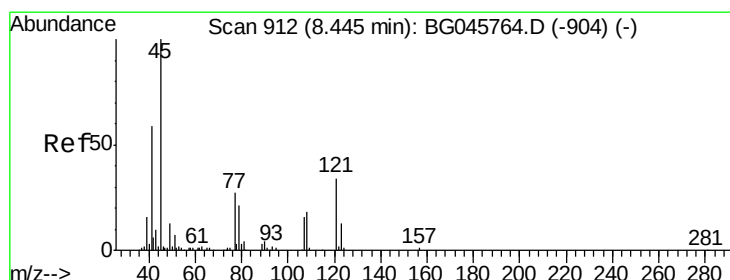
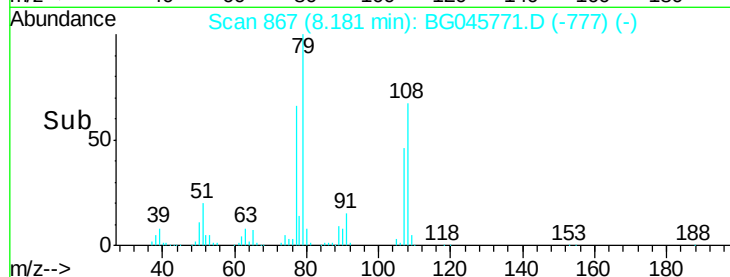
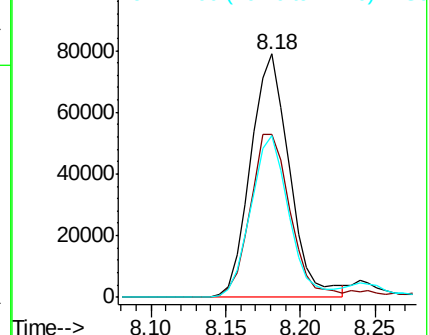
79 100

108 66.7 56.2 84.4

77 66.3 52.2 78.2



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: 41.576 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

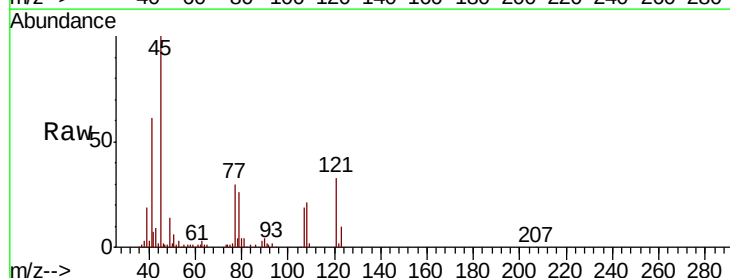
Tgt Ion: 45 Resp: 123120

Ion Ratio Lower Upper

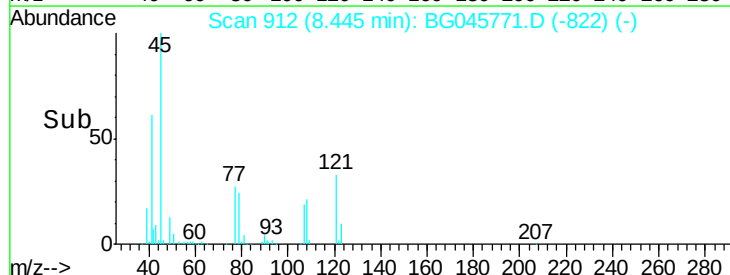
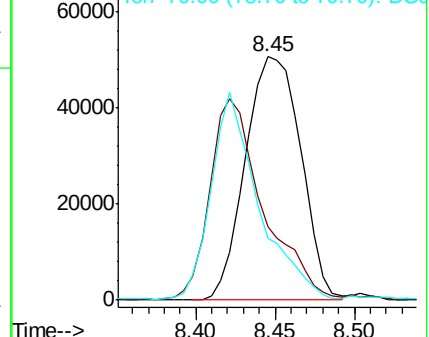
45 100

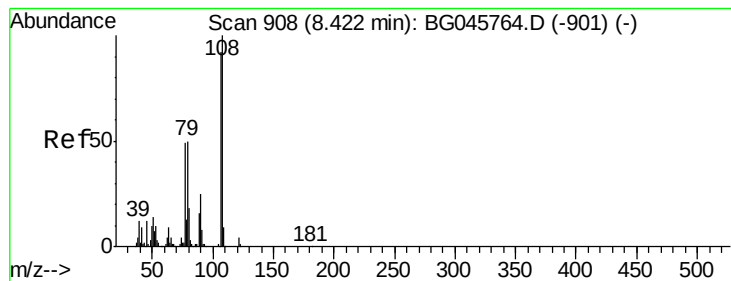
77 30.0 14.9 54.9

79 25.5 9.2 49.2



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: 42.609 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 131176

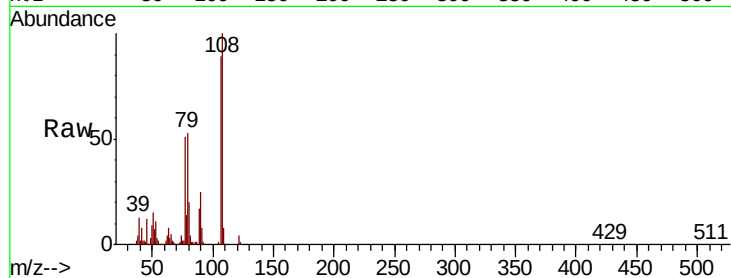
Ion Ratio Lower Upper

107 100

108 112.4 87.4 131.0

77 57.6 42.5 63.7

79 59.5 44.0 66.0

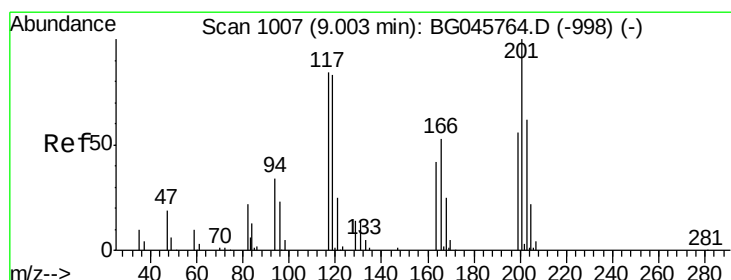
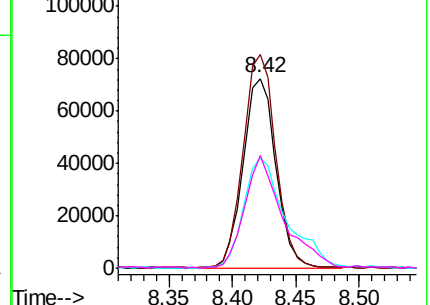
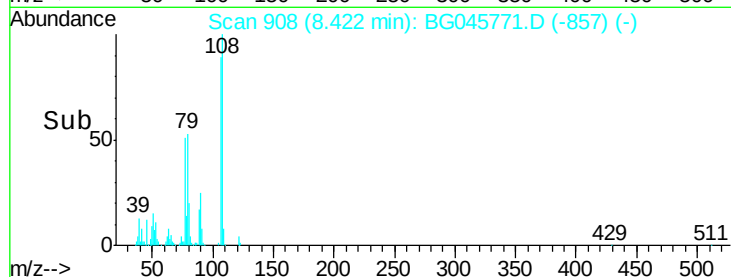


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.276 ng

RT: 9.00 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

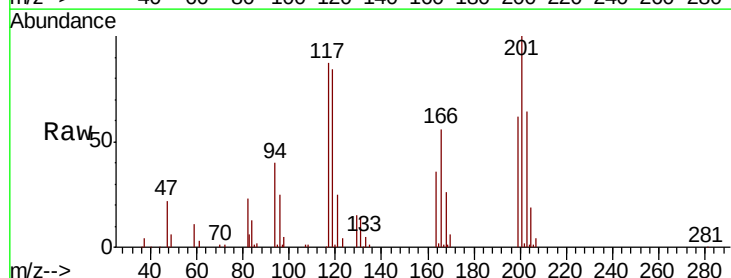
Tgt Ion:117 Resp: 56062

Ion Ratio Lower Upper

117 100

119 96.1 78.9 118.3

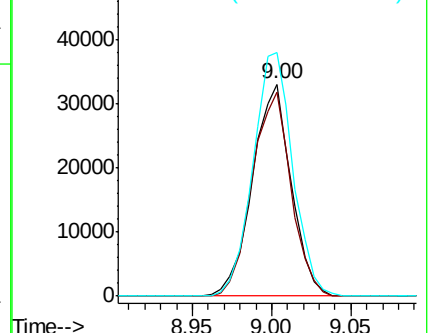
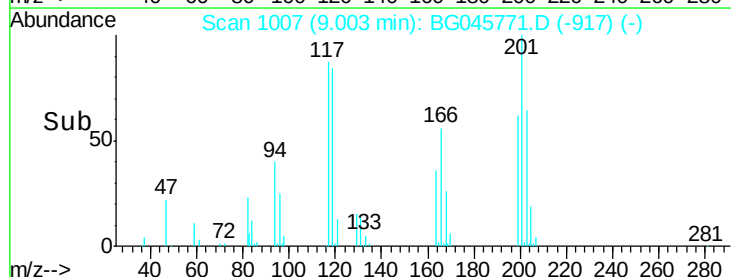
201 114.9 95.5 143.3

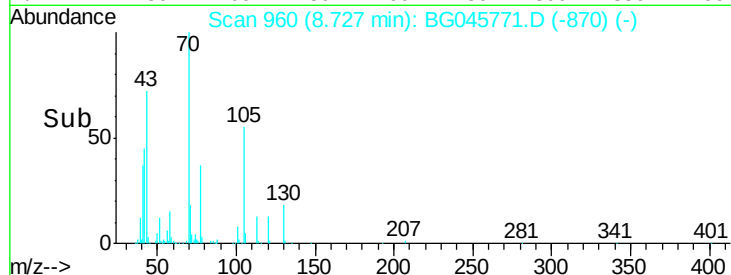
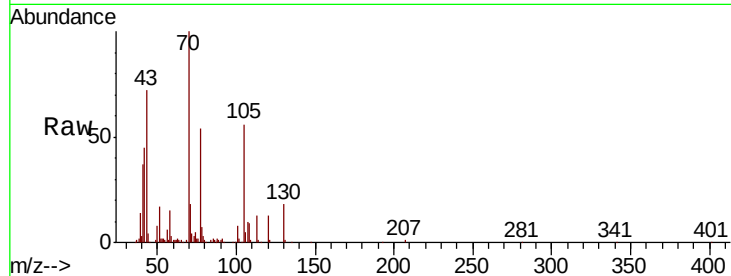
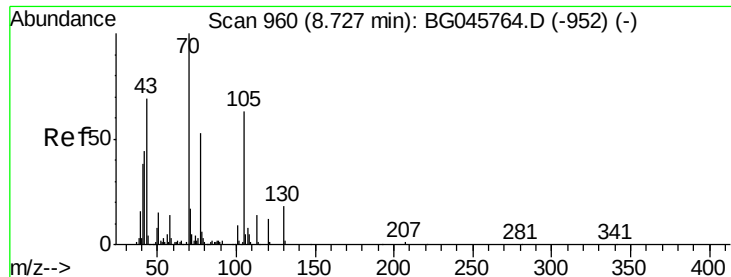


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

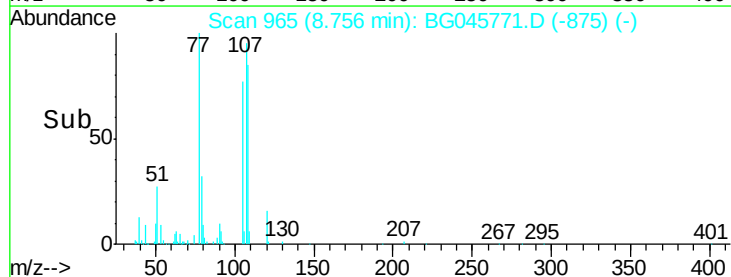
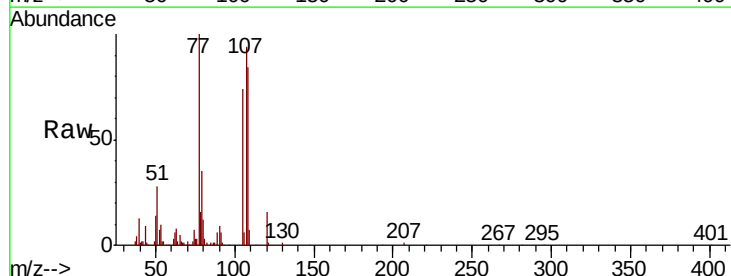
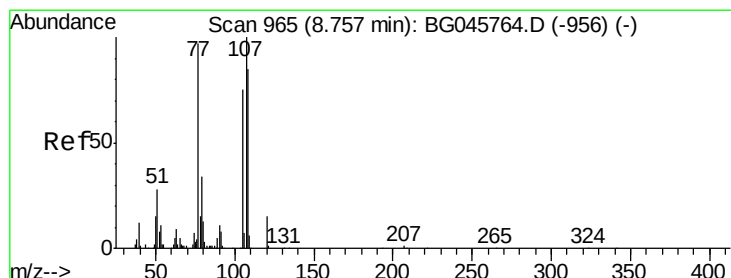
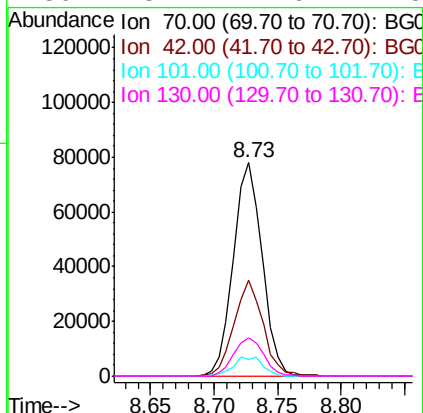




#19
n-Nitroso-di-n-propylamine
Concen: 43.651 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

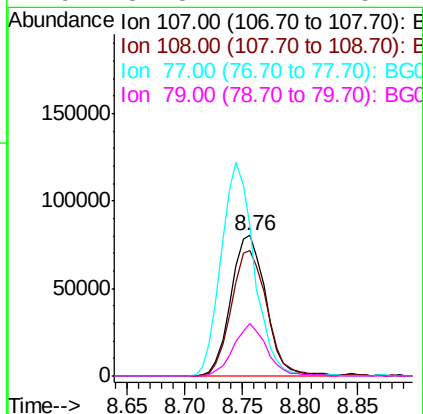
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

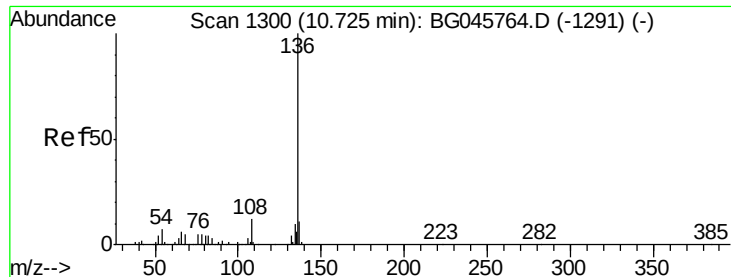
Tot Ion: 70 Resp: 122522
Ion Ratio Lower Upper
70 100
42 45.1 35.1 52.7
101 8.0 7.4 11.0
130 18.2 14.6 21.8



#20
3+4-Methylphenols
Concen: 41.841 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Tgt Ion: 107 Resp: 169404
Ion Ratio Lower Upper
107 100
108 89.7 65.4 105.4
77 106.7 77.2 117.2
79 37.8 14.2 54.2

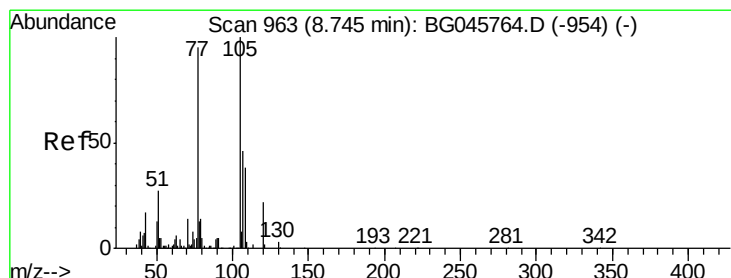
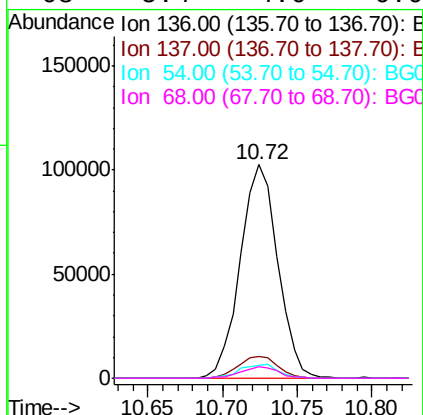
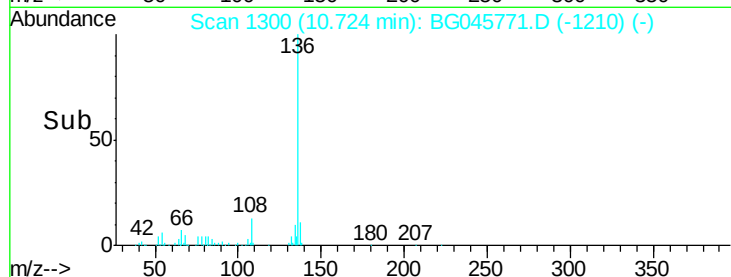
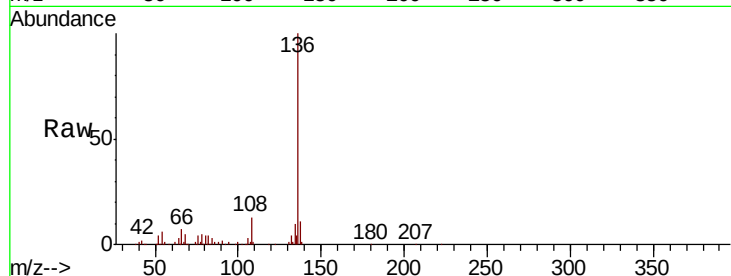




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

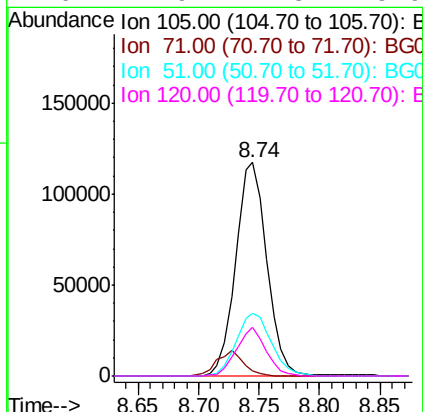
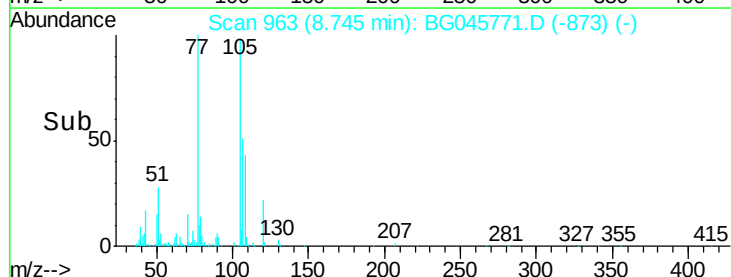
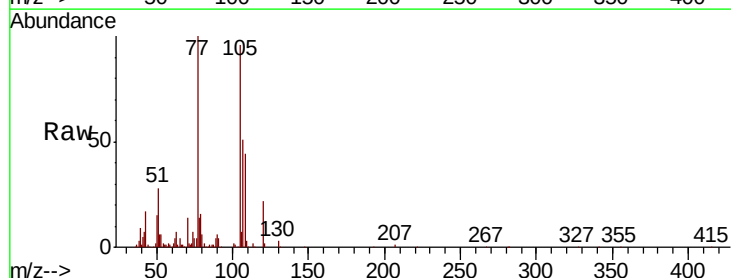
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

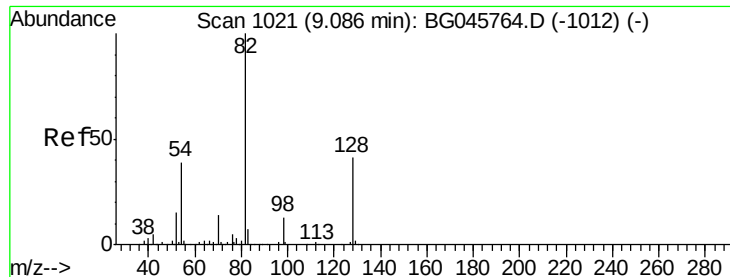
Tot Ion:136	Resp:	178512	
Ion Ratio	Lower	Upper	
136 100			
137 10.5	8.7	13.1	
54 6.0	5.8	8.6	
68 5.4	4.0	6.0	



#22
Acetophenone
Concen: 43.152 ng
RT: 8.74 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Tgt Ion	Ion:105	Resp:	211429
105	Ratio 100	Lower	Upper
71	2.4	1.8	2.8
51	29.5	21.9	32.9
120	22.9	17.3	25.9

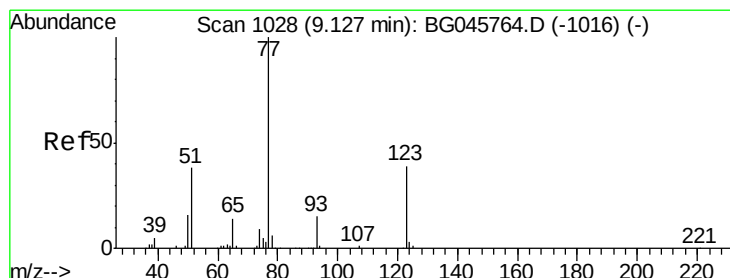
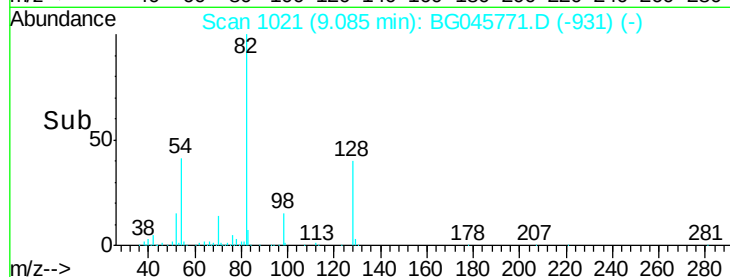
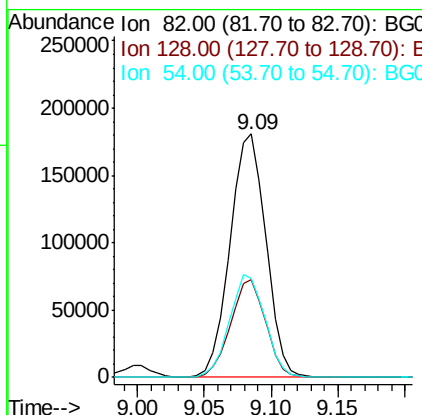
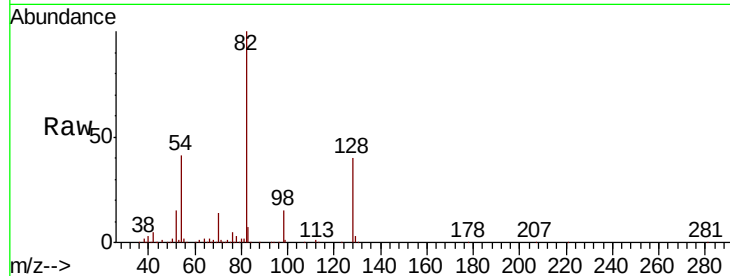




#23
 Nitrobenzene-d5
 Concen: 86.347 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG045771.D
 Acq: 16 Jun 2020 10:37

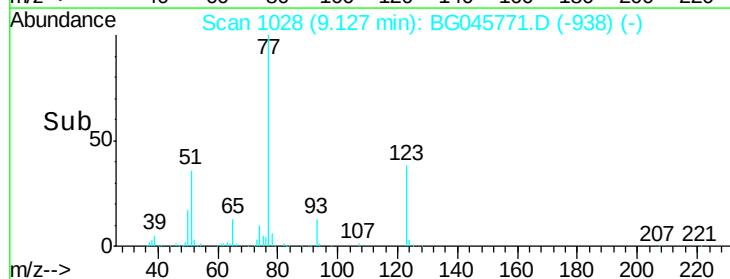
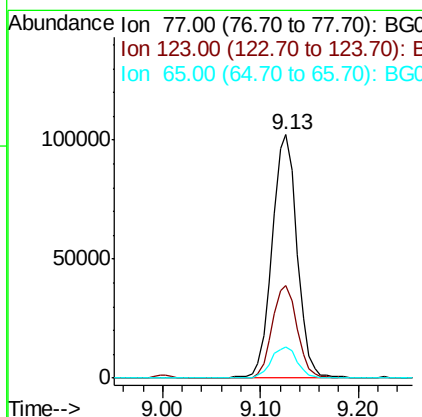
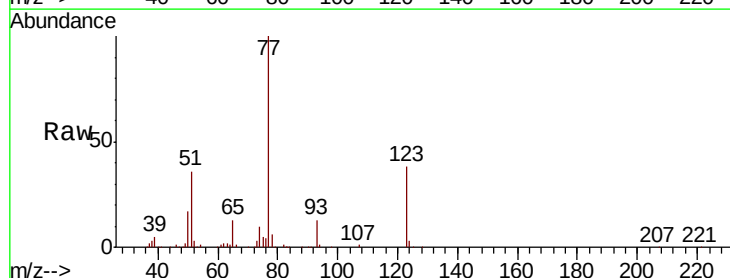
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

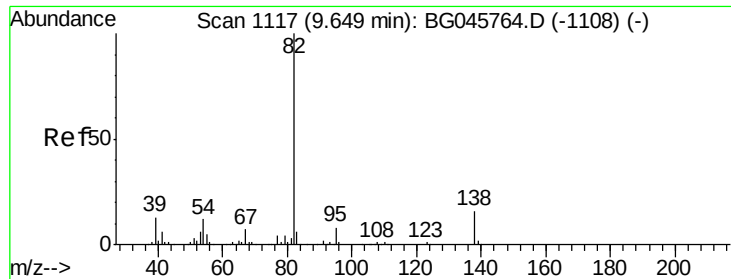
Tot Ion	82	Resp	337409
Ion Ratio	Lower	Upper	
82	100		
128	40.4	32.5	48.7
54	40.7	31.2	46.8



#24
 Nitrobenzene
 Concen: 43.851 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG045771.D
 Acq: 16 Jun 2020 10:37

Tgt Ion	77	Resp	182701
Ion Ratio	Lower	Upper	
77	100		
123	37.8	31.2	46.8
65	12.9	11.4	17.2





#25

Isophorone

Concen: 42.949 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

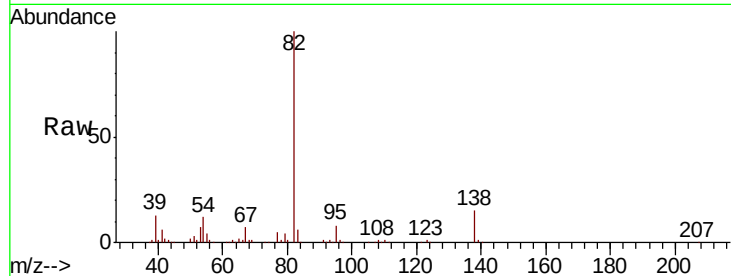
Tot Ion: 82 Resp: 324897

Ion Ratio Lower Upper

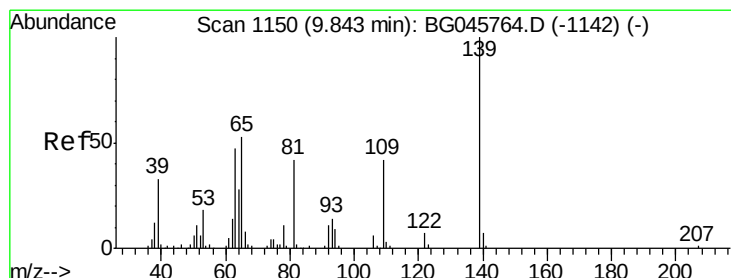
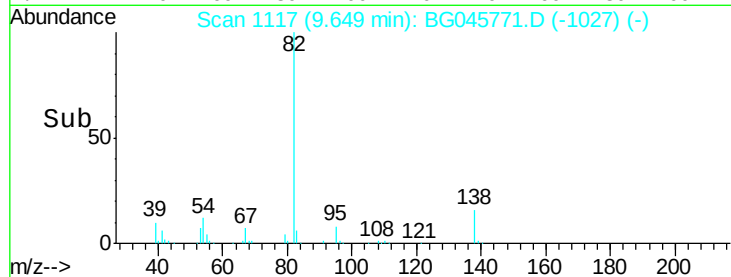
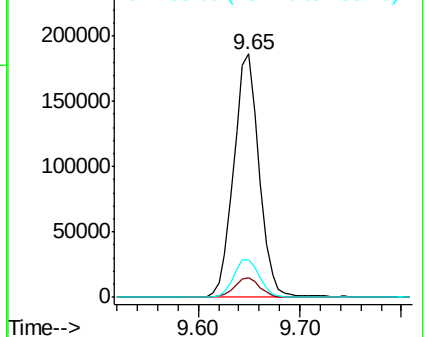
82 100

95 7.8 6.2 9.4

138 15.3 12.6 18.8



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



#26

2-Nitrophenol

Concen: 44.129 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

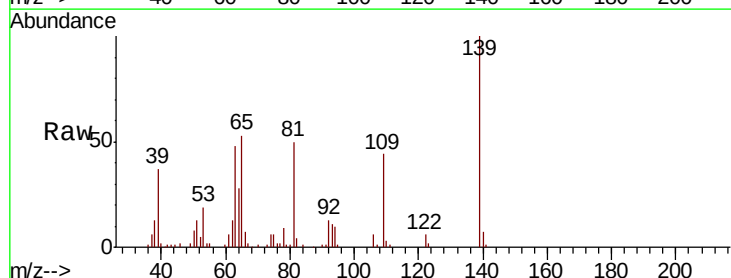
Tgt Ion: 139 Resp: 76599

Ion Ratio Lower Upper

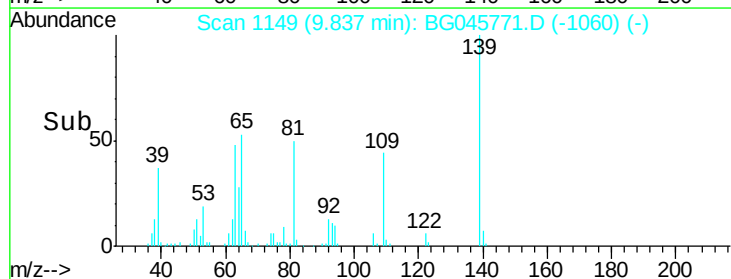
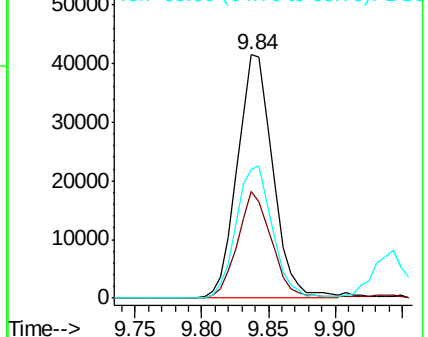
139 100

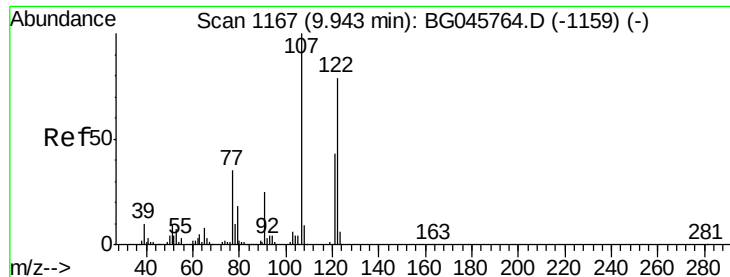
109 43.8 33.5 50.3

65 52.9 42.2 63.4



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

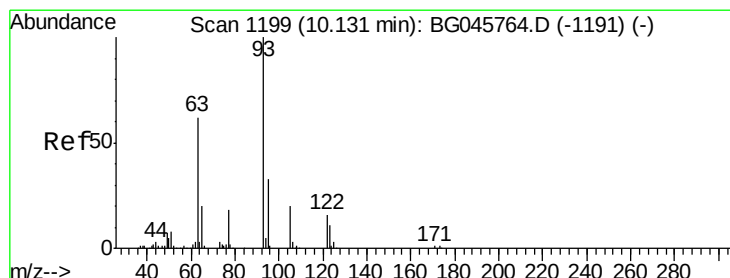
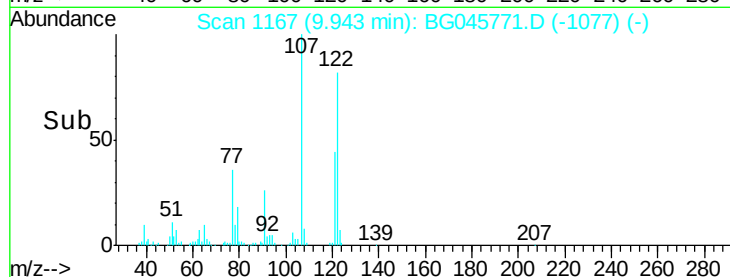
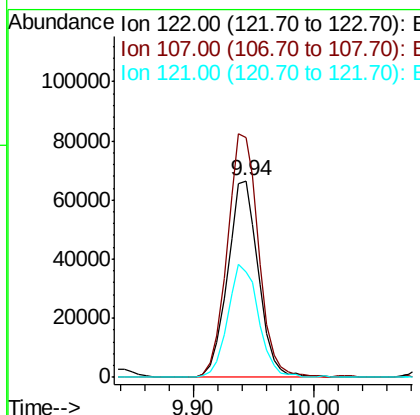
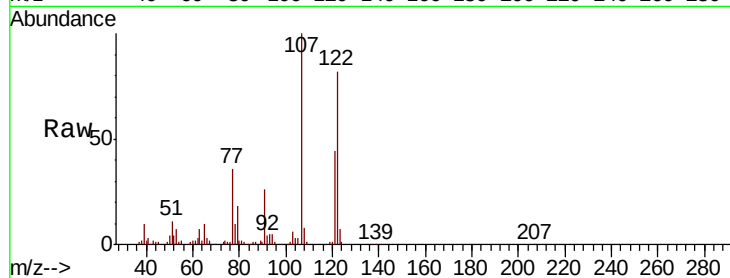




#27
 2,4-Dimethylphenol
 Concen: 44.292 ng
 RT: 9.94 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BG045771.D
 Acq: 16 Jun 2020 10:37

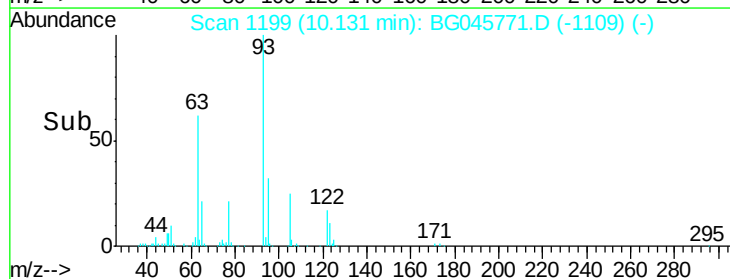
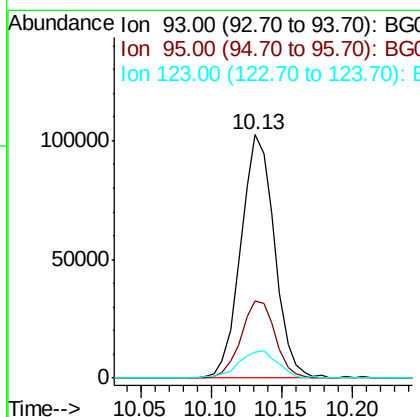
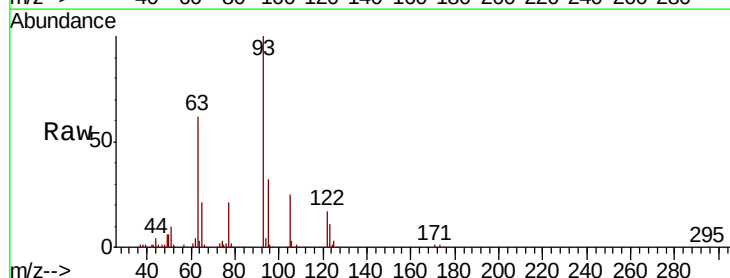
Instrument :
 BNA_G
 ClientSampled :
 SSTDCCC040

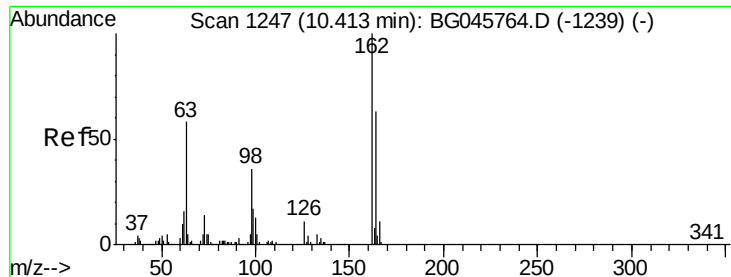
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.8	101.3	151.9
121	53.7	43.9	65.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.291 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BG045771.D
 Acq: 16 Jun 2020 10:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.3	39.5
123	10.9	9.3	13.9

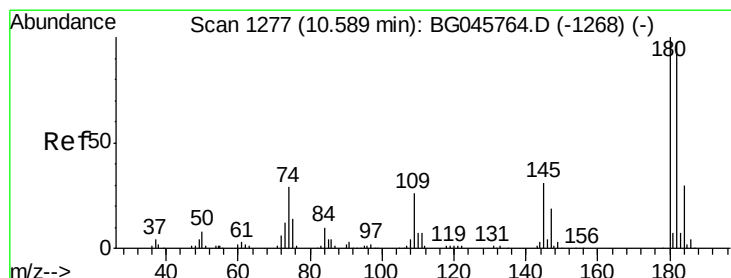
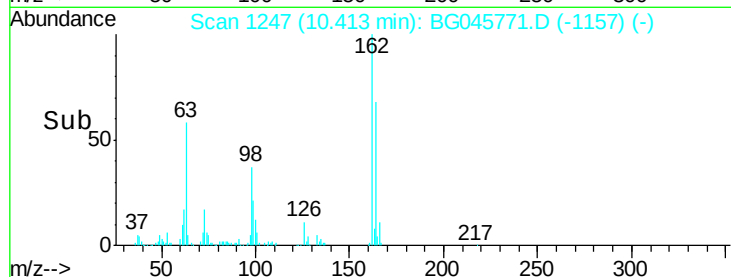
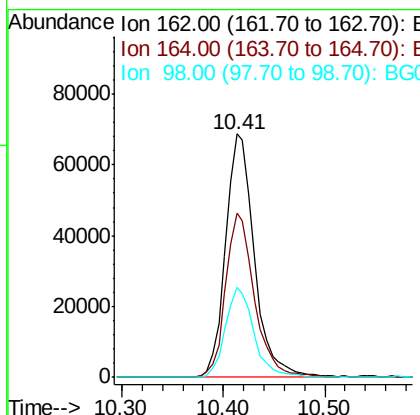
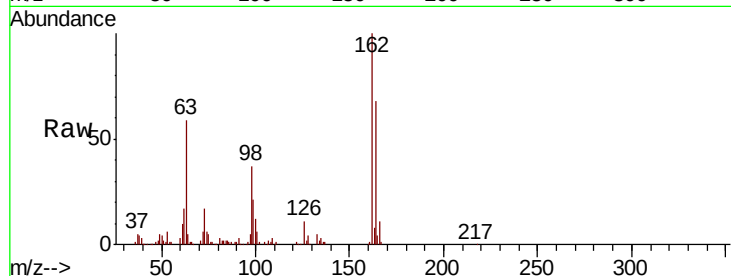




#29
 2,4-Dichlorophenol
 Concen: 43.726 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BG045771.D
 Acq: 16 Jun 2020 10:37

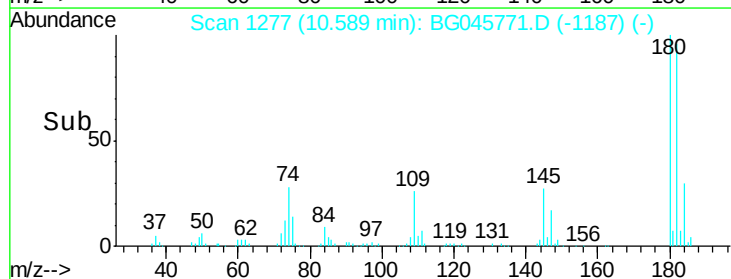
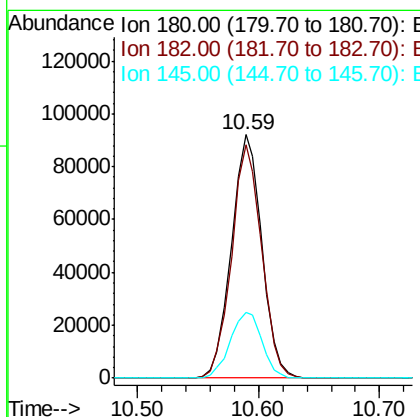
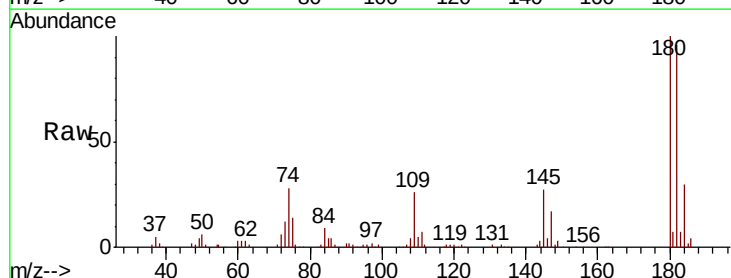
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

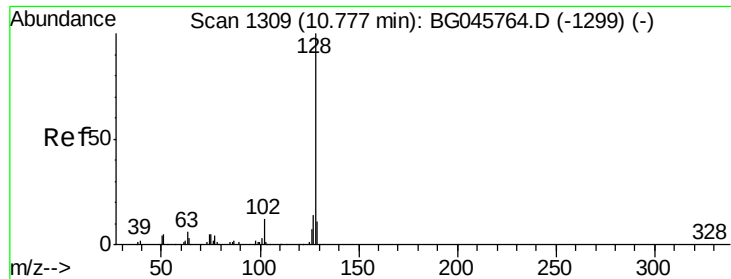
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.6	43.3	83.3
98	36.9	15.5	55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 43.968 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BG045771.D
 Acq: 16 Jun 2020 10:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.8	116.6
145	27.1	24.5	36.7

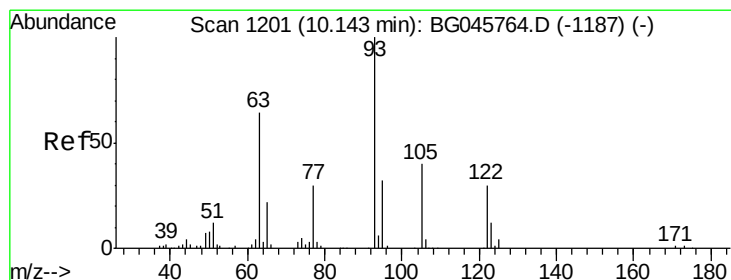
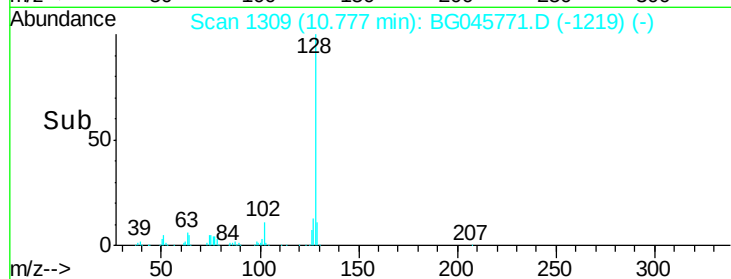
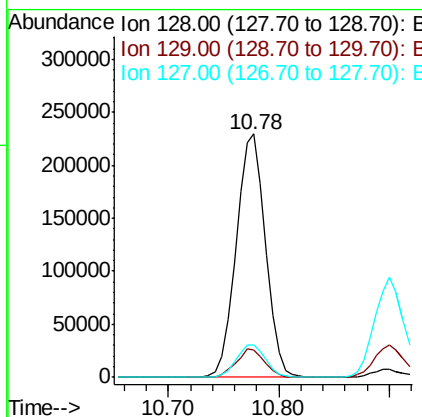
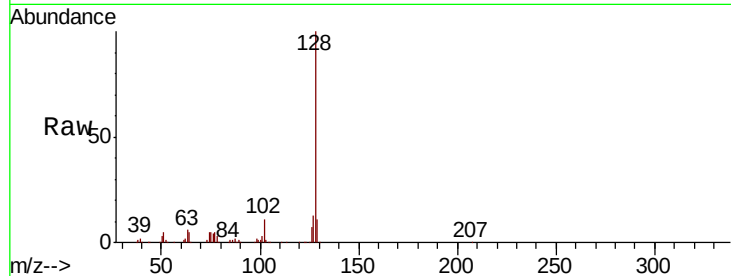




#31
Naphthalene
Concen: 43.687 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

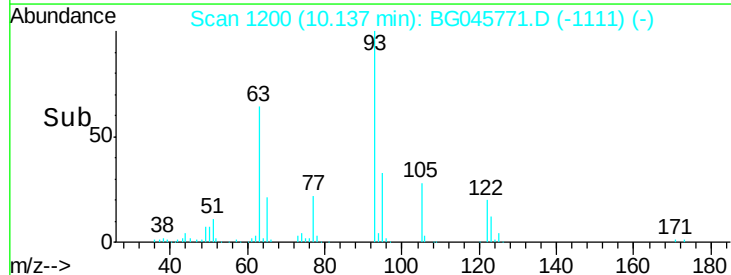
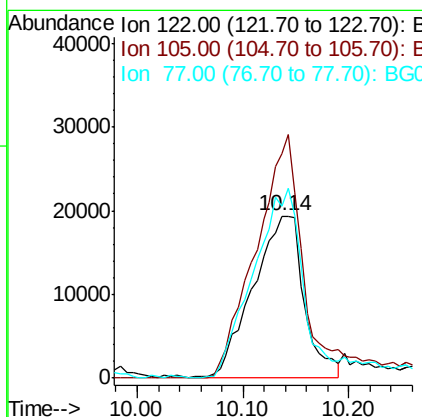
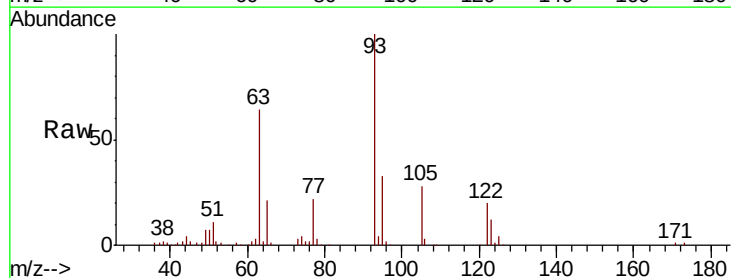
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

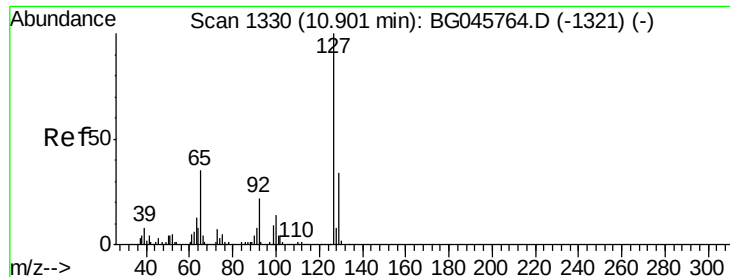
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.1	10.9	16.3



#32
Benzoic acid
Concen: 39.689 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.4	112.9	152.9
77	106.2	79.2	119.2

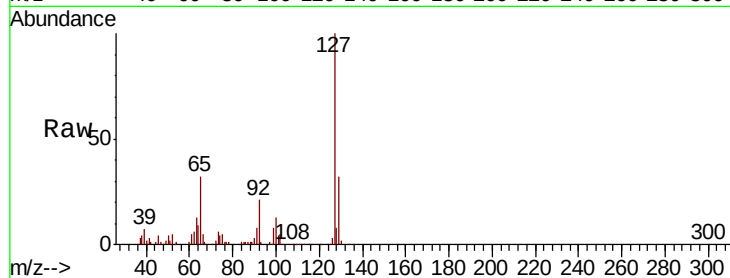




#33
4-Chloroaniline
Concen: 43.733 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	178736
Ion	Ratio	Lower Upper
127	100	
129	32.1	26.8 40.2
65	31.8	27.8 41.8
92	21.4	17.3 25.9



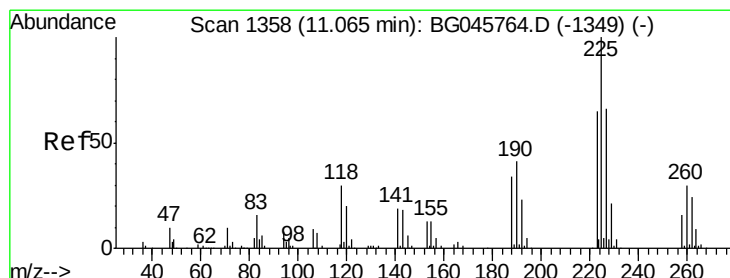
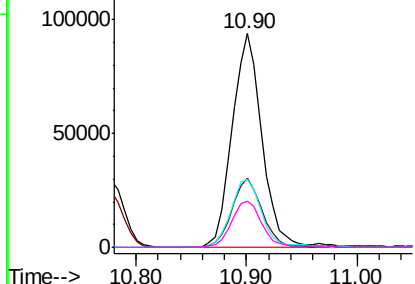
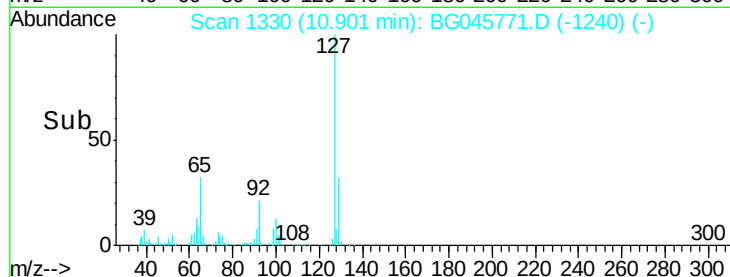
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

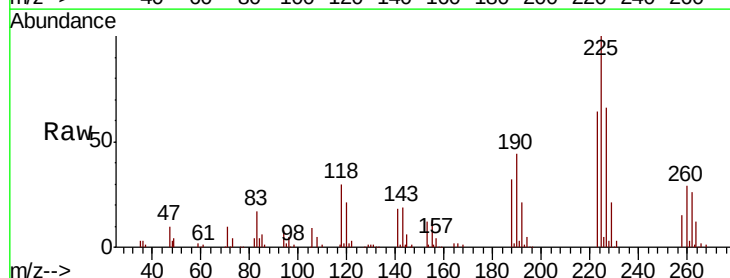
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 44.008 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Tgt Ion:225	Resp:	114562
Ion	Ratio	Lower Upper
225	100	
223	63.7	52.0 78.0
227	66.5	52.5 78.7

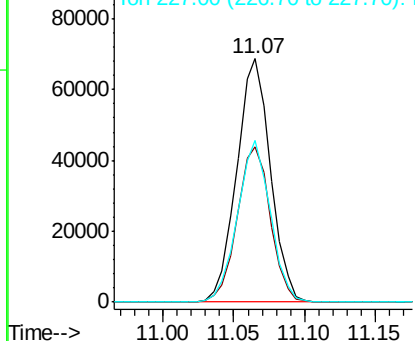
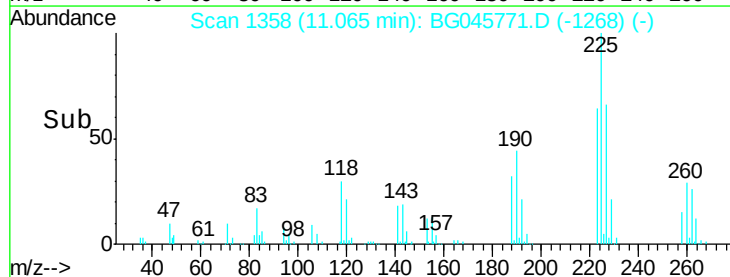


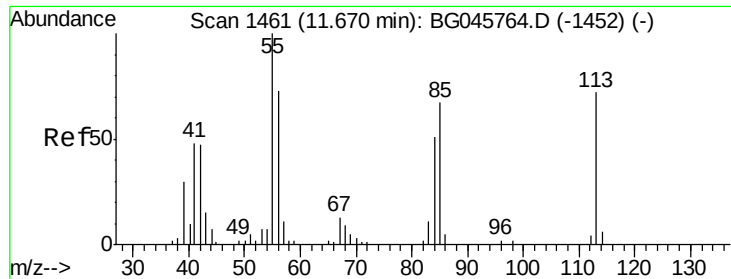
Abundance

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: 42.965 ng

RT: 11.67 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

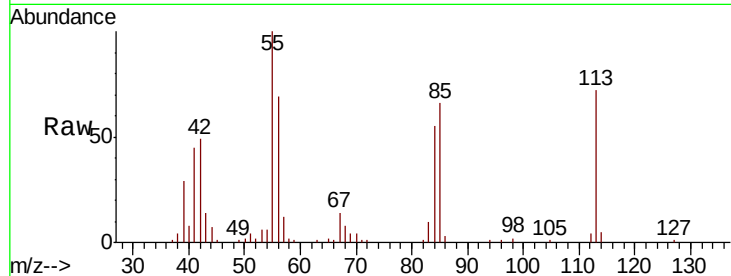
Tot Ion:113 Resp: 42988

Ion Ratio Lower Upper

113 100

55 139.1 119.7 159.7

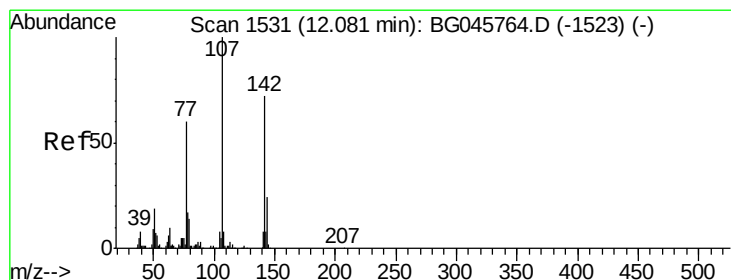
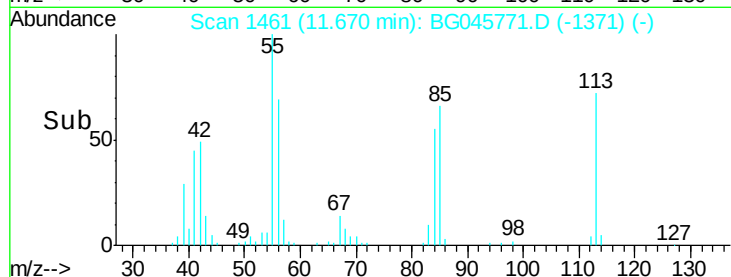
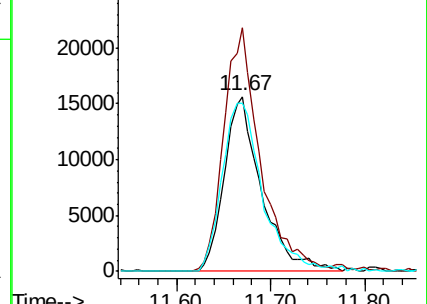
56 96.3 82.5 122.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.659 ng

RT: 12.08 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

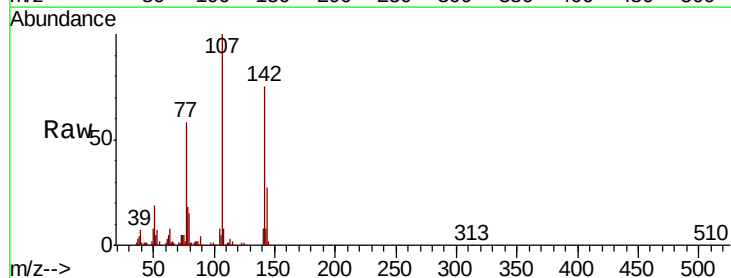
Tgt Ion:107 Resp: 152290

Ion Ratio Lower Upper

107 100

144 26.6 19.5 29.3

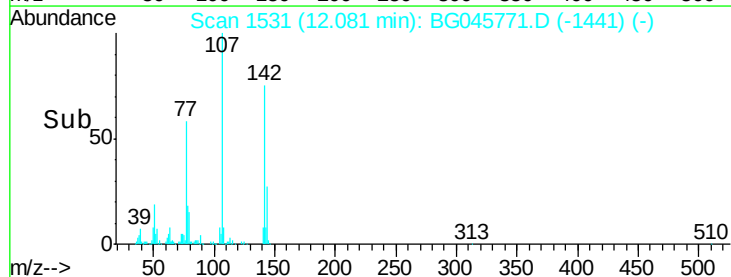
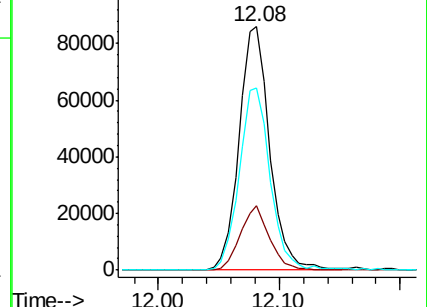
142 74.8 57.4 86.0

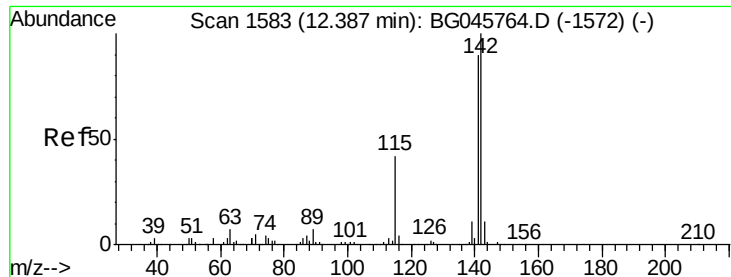


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

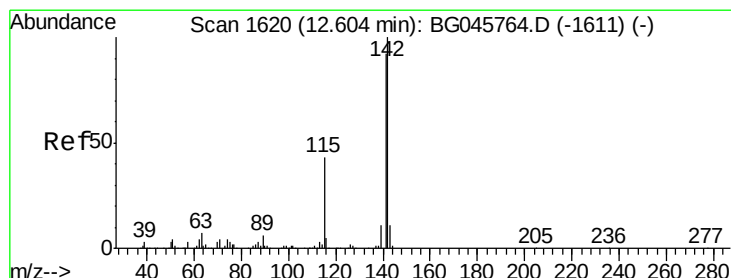
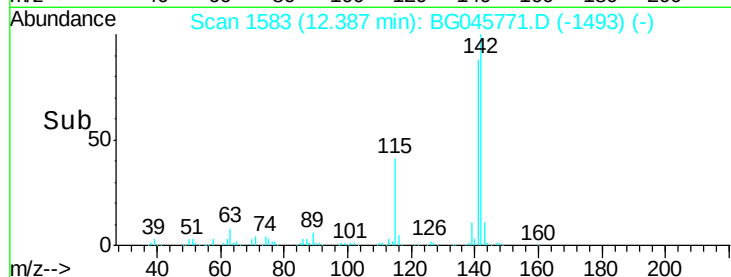
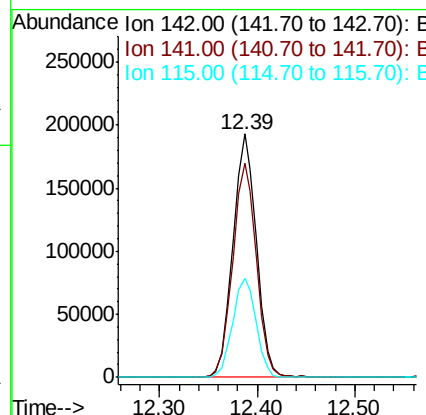
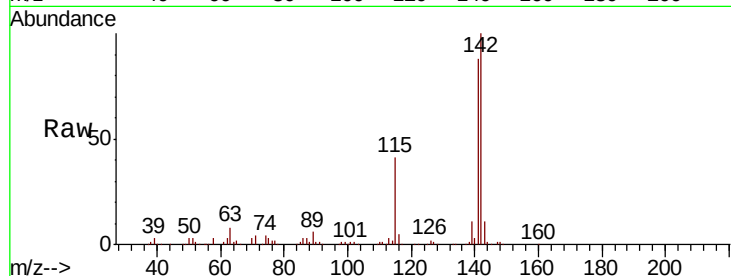




#37
2-Methylnaphthalene
Concen: 44.197 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

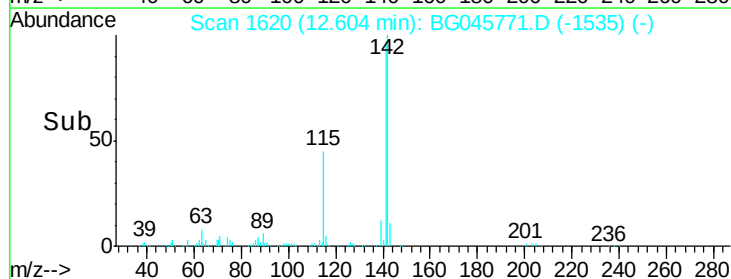
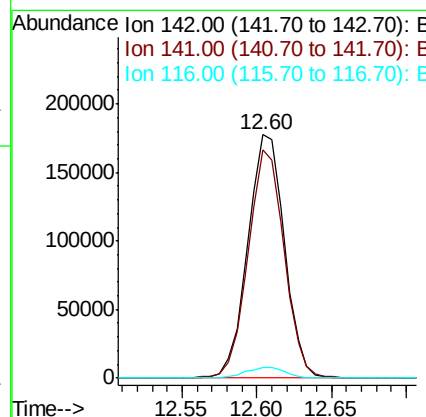
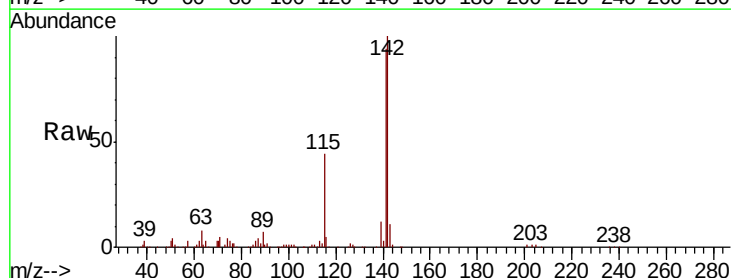
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

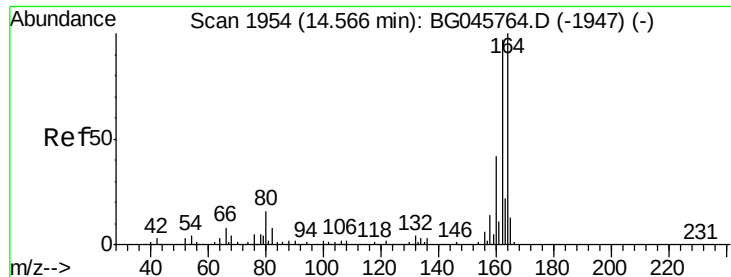
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.7	107.5
115	40.9	33.8	50.6



#38
1-Methylnaphthalene
Concen: 43.652 ng
RT: 12.60 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	73.8	110.8
116	4.6	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

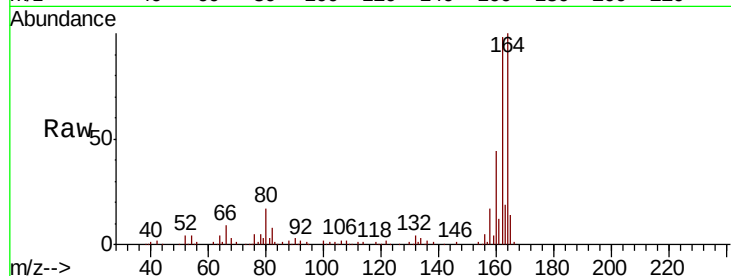
Tot Ion:164 Resp: 129386

Ion Ratio Lower Upper

164 100

162 97.8 77.4 116.0

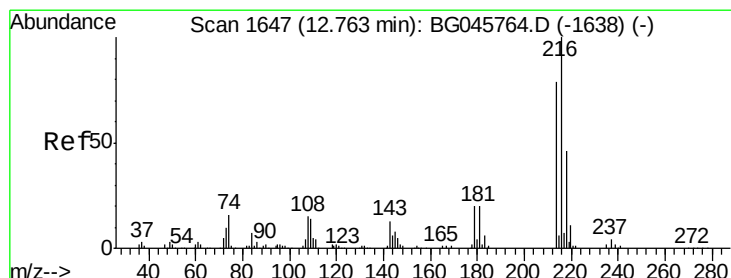
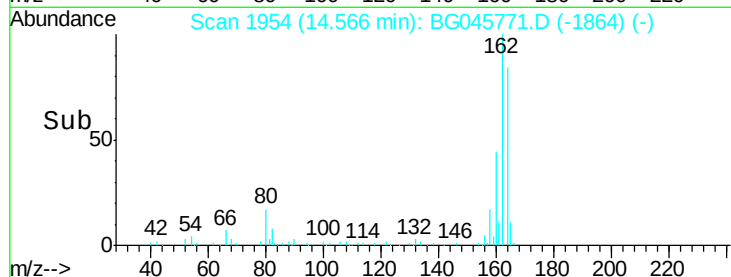
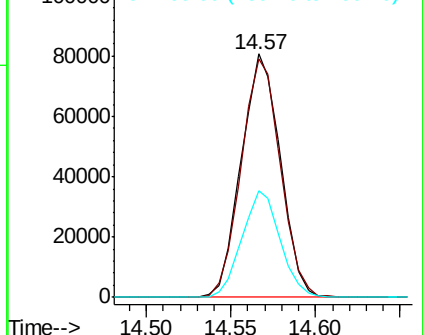
160 43.6 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.037 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Tgt Ion:216 Resp: 183355

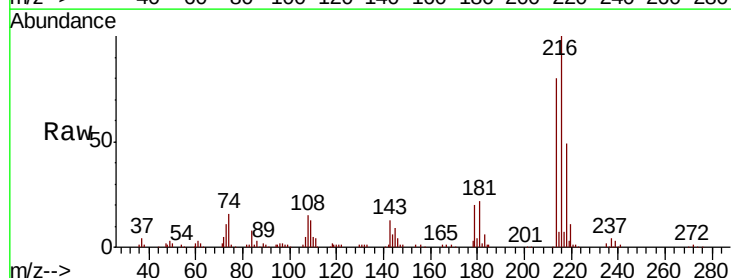
Ion Ratio Lower Upper

216 100

214 78.9 62.8 94.2

179 19.9 16.2 24.4

108 17.1 13.4 20.2

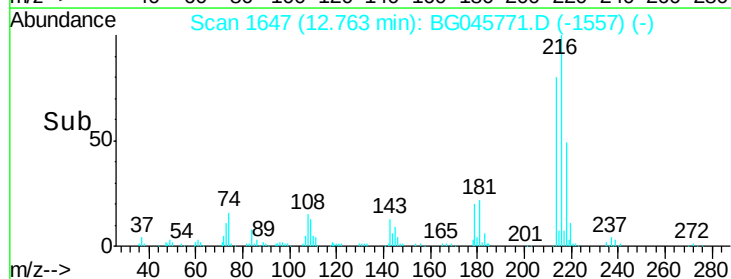
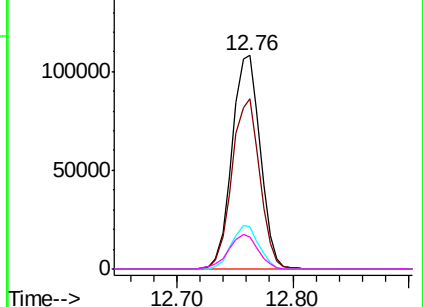


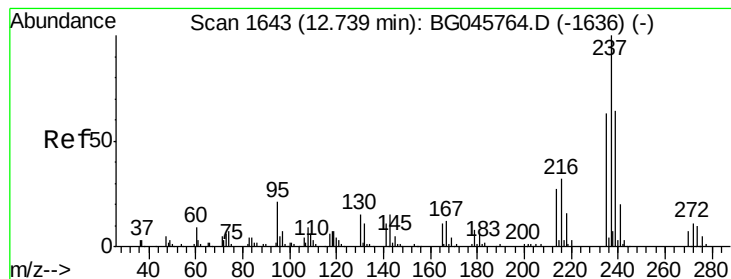
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.601 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

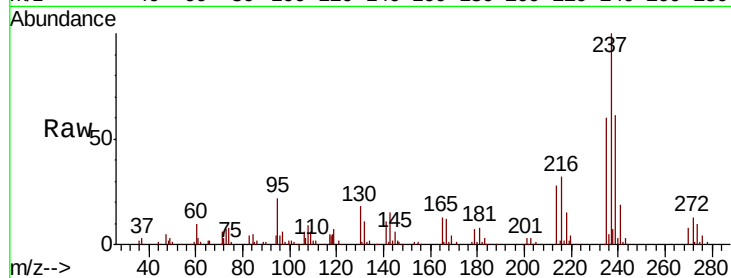
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:237 Resp: 84642

Ion	Ratio	Lower	Upper
237	100		
235	59.6	42.9	82.9
272	13.0	0.0	30.9

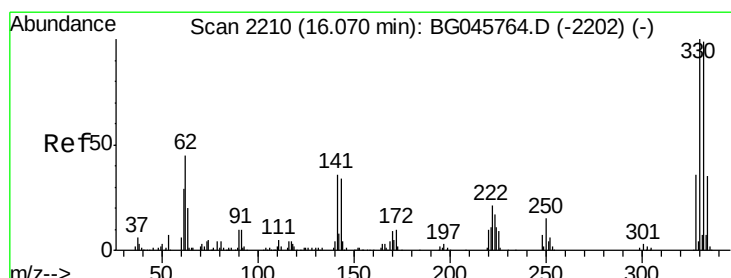
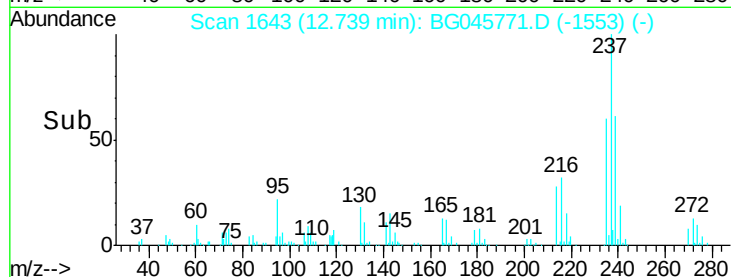
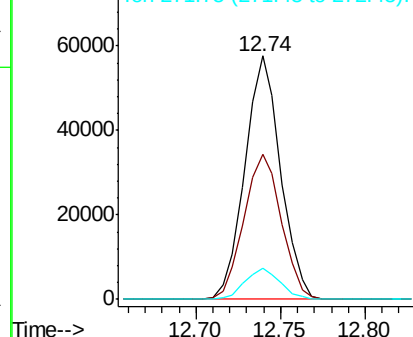


Abundance

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: 82.509 ng

RT: 16.07 min Scan# 2210

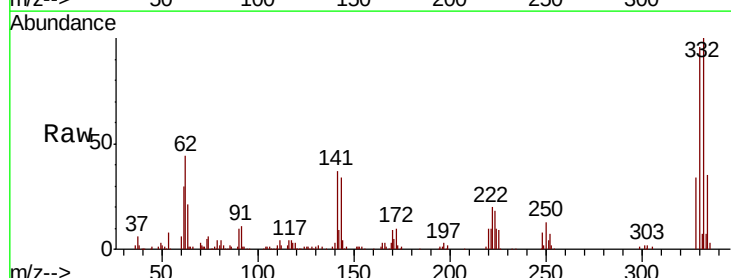
Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Tgt Ion:330 Resp: 161173

Ion	Ratio	Lower	Upper
330	100		
332	98.9	78.6	117.8
141	37.0	28.2	42.4

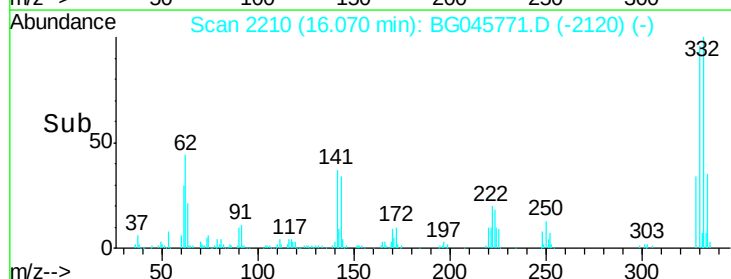
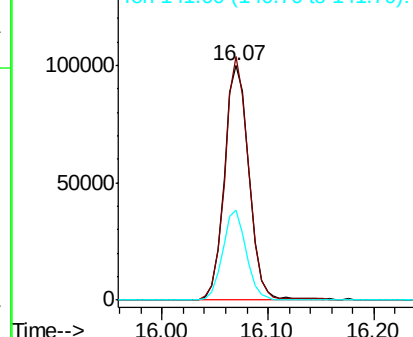


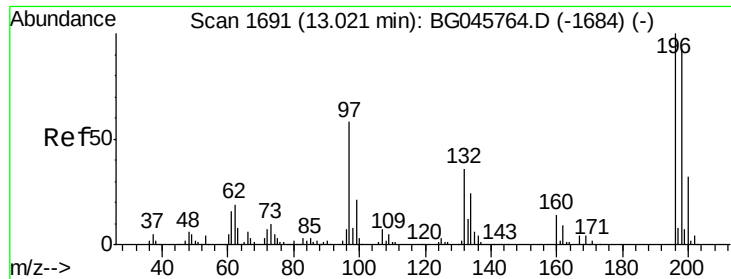
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

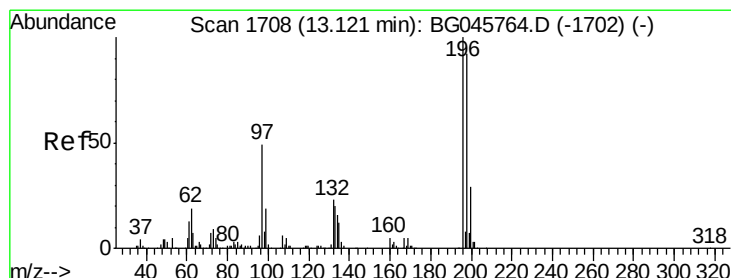
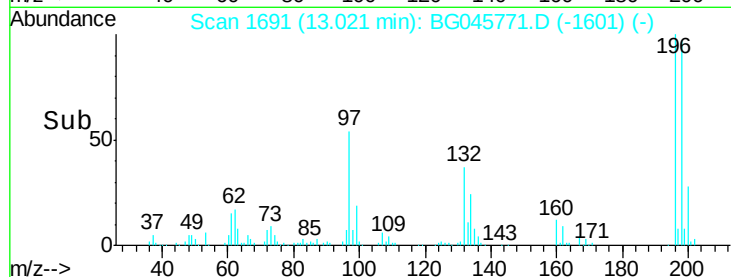
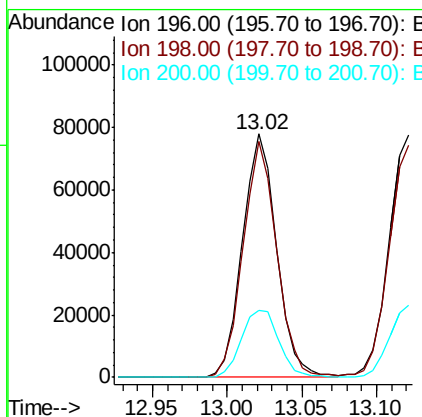
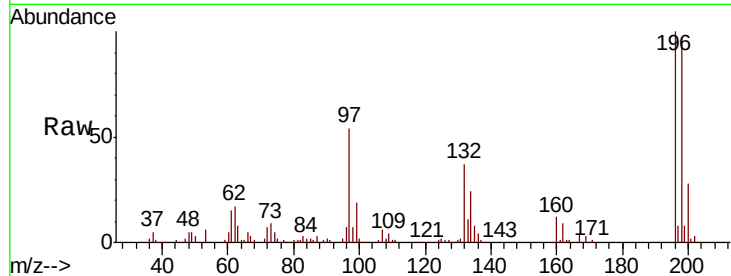




#43
 2,4,6-Trichlorophenol
 Concen: 42.716 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG045771.D
 Acq: 16 Jun 2020 10:37

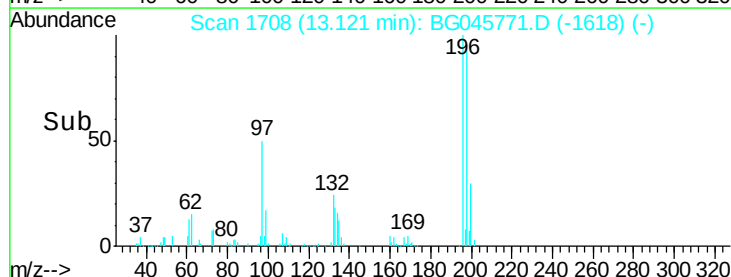
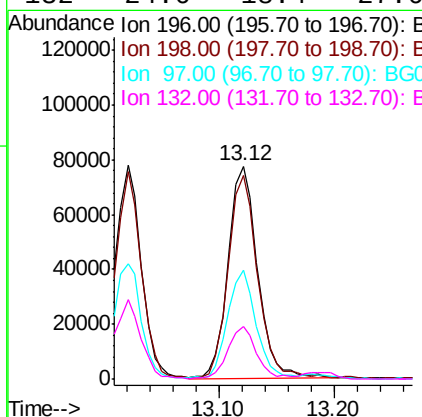
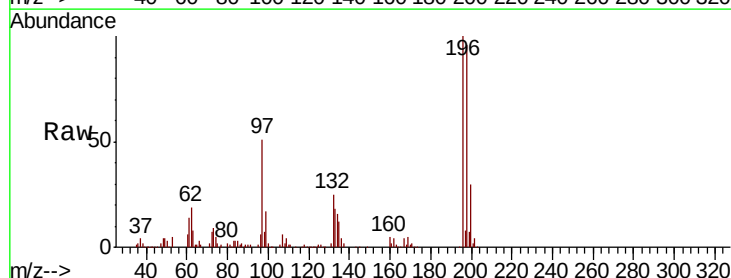
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

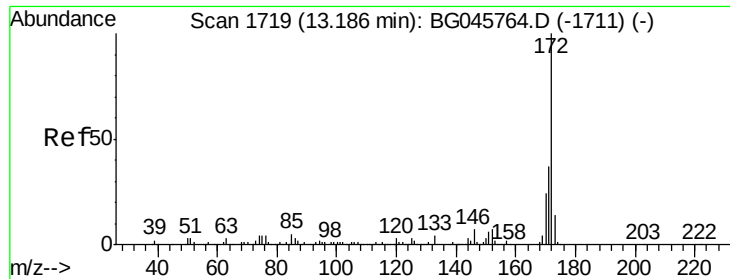
Tot Ion:196 Resp: 123388
 Ion Ratio Lower Upper
 196 100
 198 96.9 74.4 111.6
 200 27.7 25.4 38.2



#44
 2,4,5-Trichlorophenol
 Concen: 41.659 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG045771.D
 Acq: 16 Jun 2020 10:37

Tgt Ion:196 Resp: 137145
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.0 111.0
 97 50.9 39.0 58.6
 132 24.6 18.4 27.6

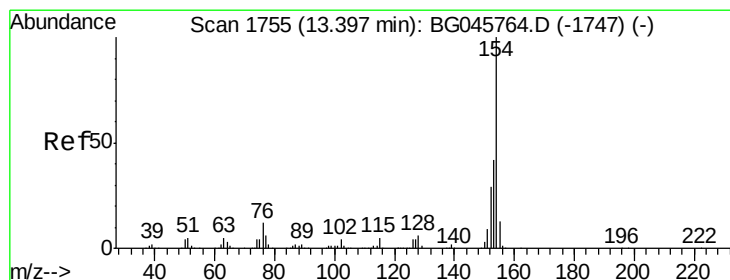
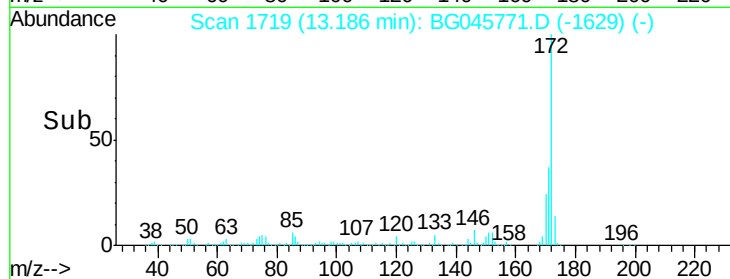
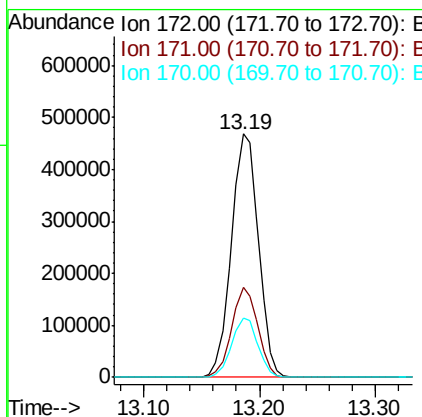
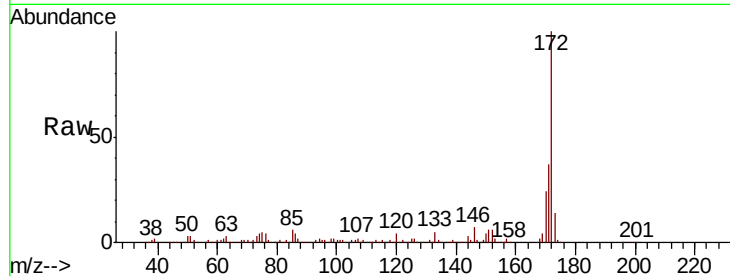




#45
2-Fluorobiphenyl
Concen: 86.211 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

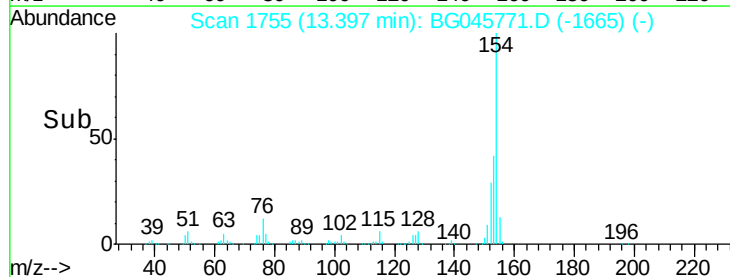
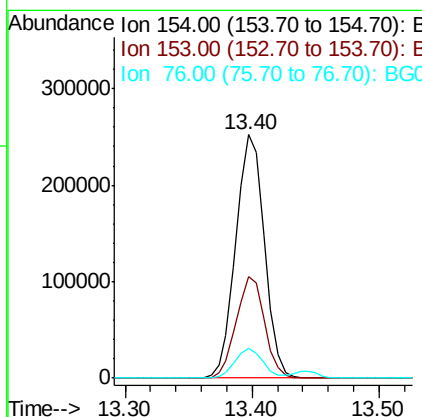
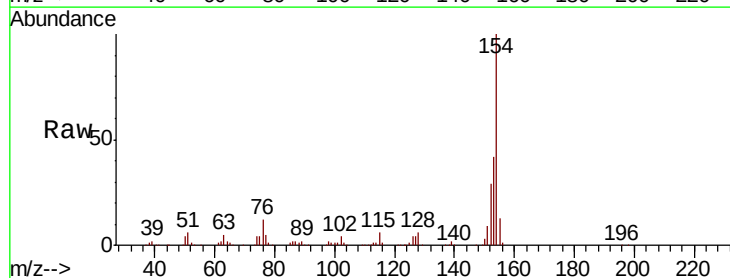
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

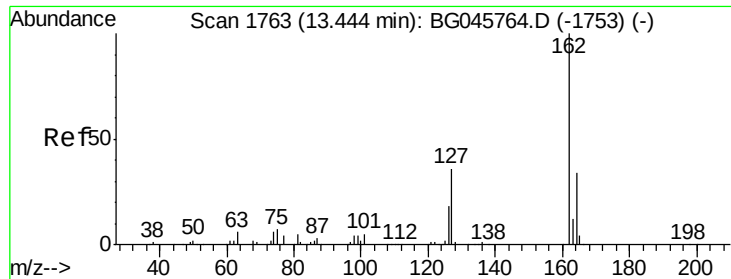
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	24.4	19.3	28.9



#46
1,1'-Biphenyl
Concen: 42.496 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.7	61.7
76	12.4	0.0	32.0

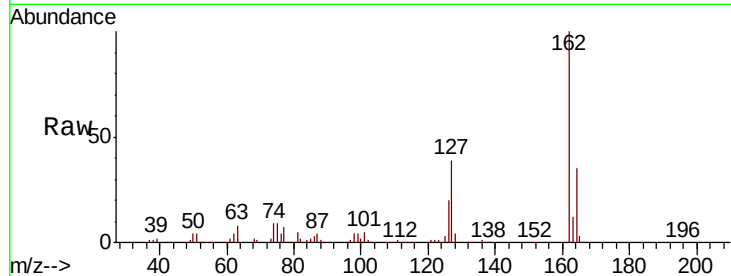




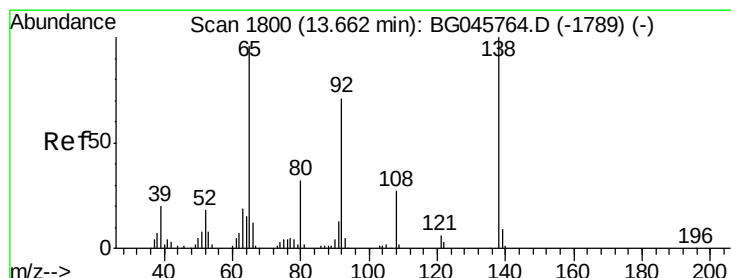
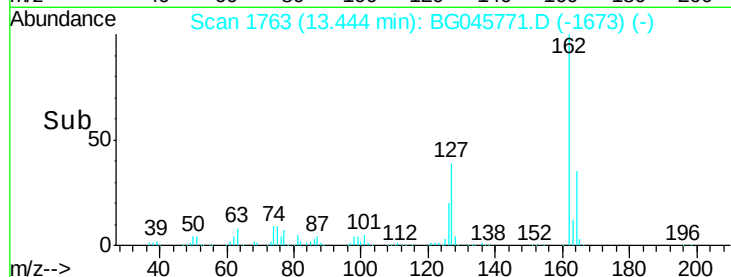
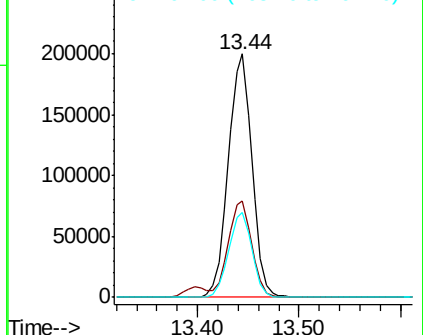
#47
2-Chloronaphthalene
Concen: 43.048 ng
RT: 13.44 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 322118
Ion Ratio Lower Upper
162 100
127 39.4 30.5 45.7
164 34.8 27.2 40.8

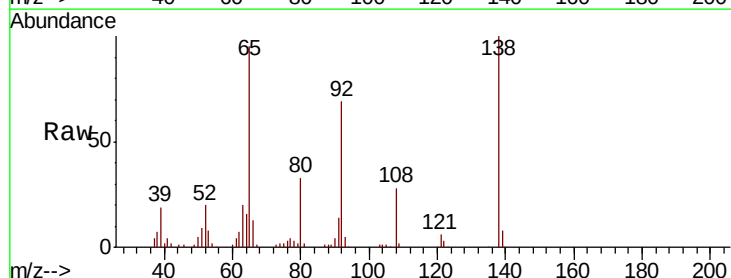


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

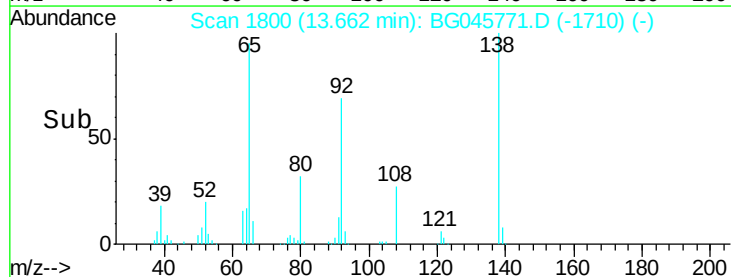
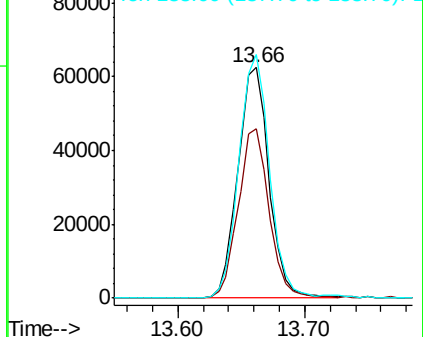


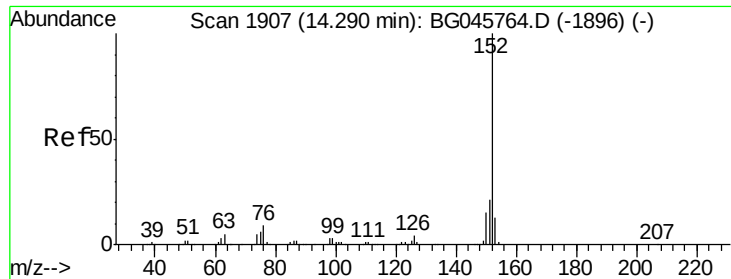
#48
2-Nitroaniline
Concen: 42.922 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Tgt Ion: 65 Resp: 106835
Ion Ratio Lower Upper
65 100
92 73.3 59.0 88.6
138 105.7 83.6 125.4



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: 43.108 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

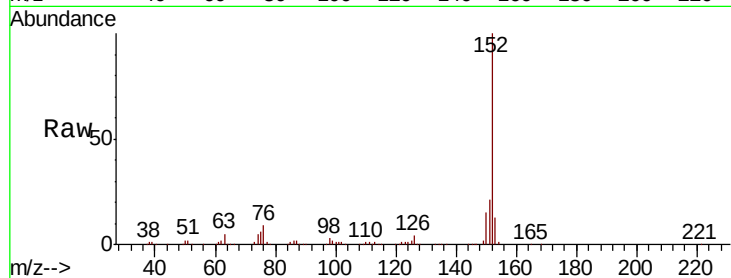
Tot Ion:152 Resp: 516668

Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.4

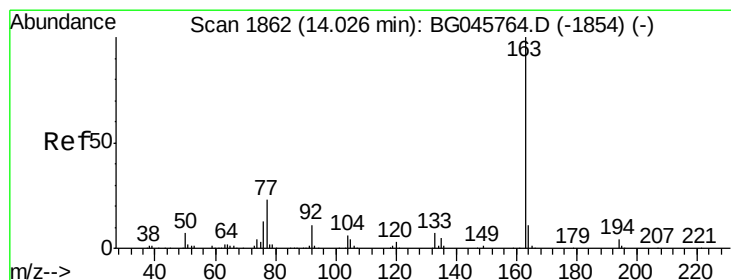
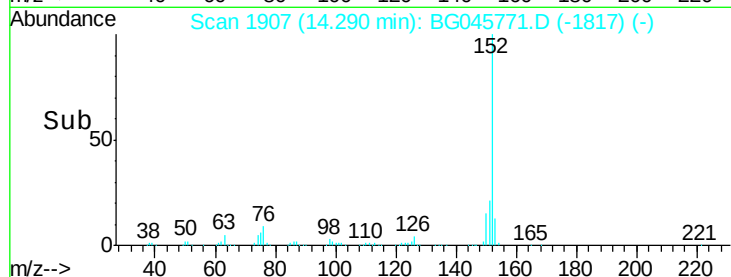
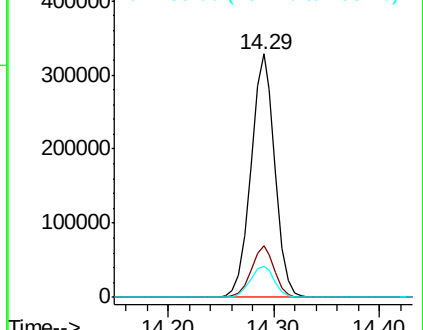
153 12.9 10.6 15.8



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: 42.417 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

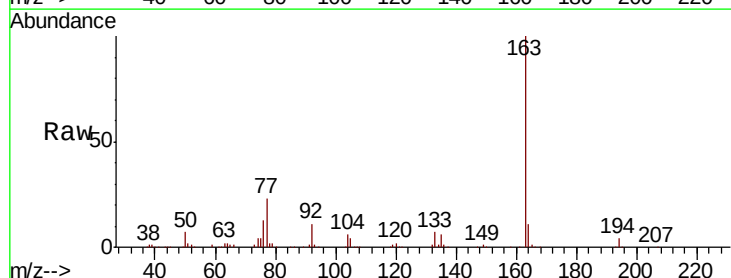
Tgt Ion:163 Resp: 429937

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

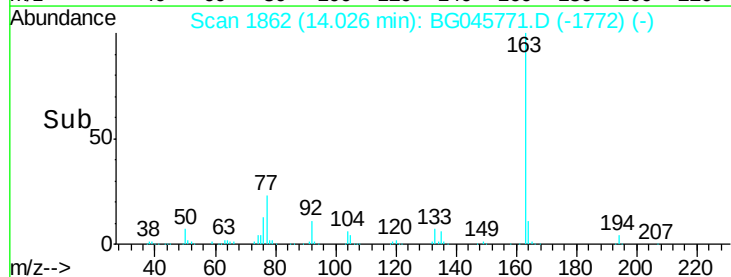
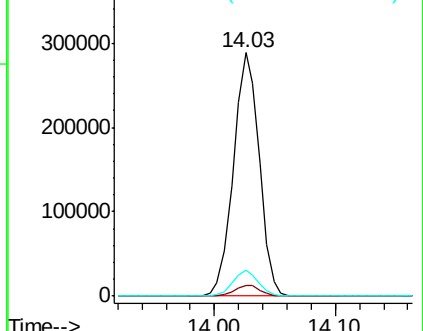
164 10.8 8.9 13.3

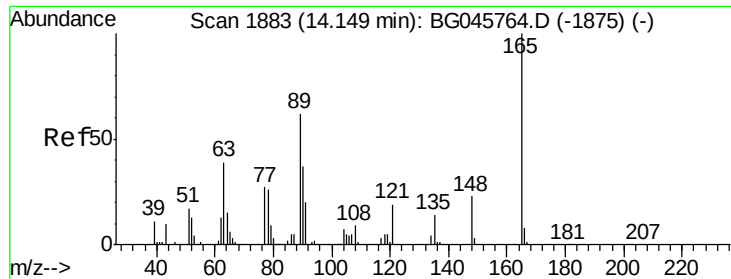


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

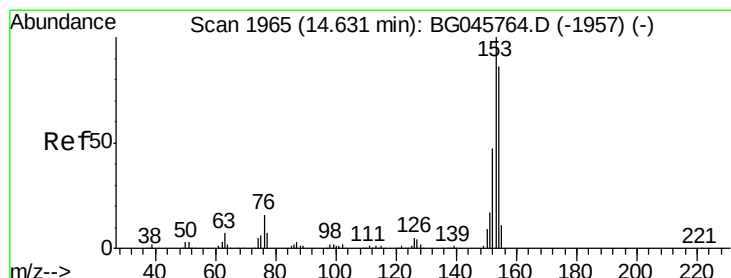
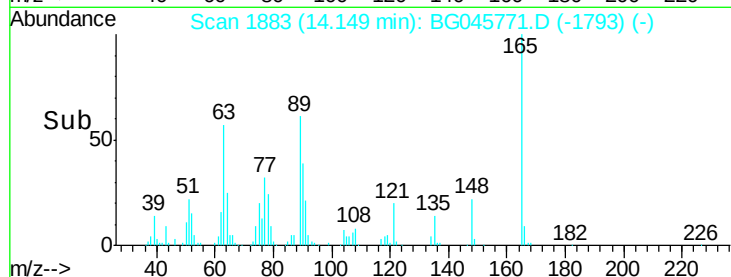
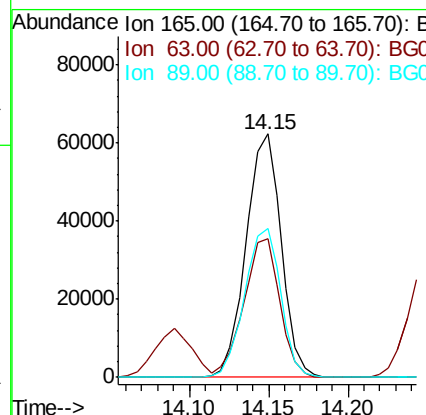
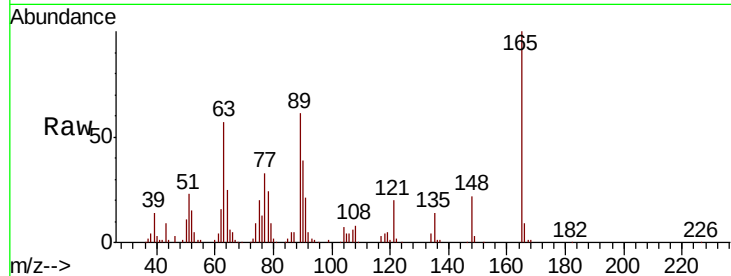




#51
 2,6-Dinitrotoluene
 Concen: 42.074 ng
 RT: 14.15 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: BG045771.D
 Acq: 16 Jun 2020 10:37

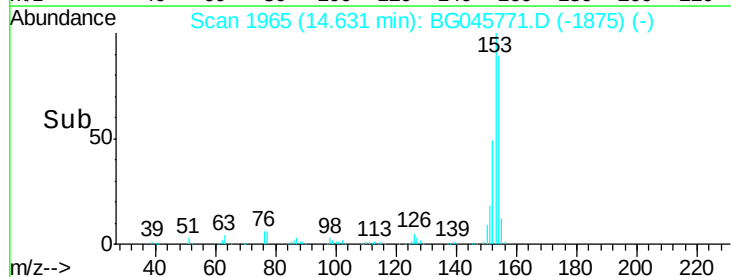
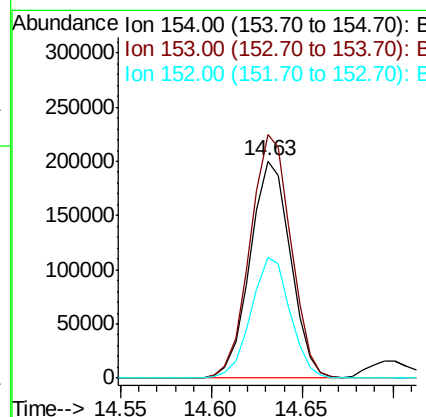
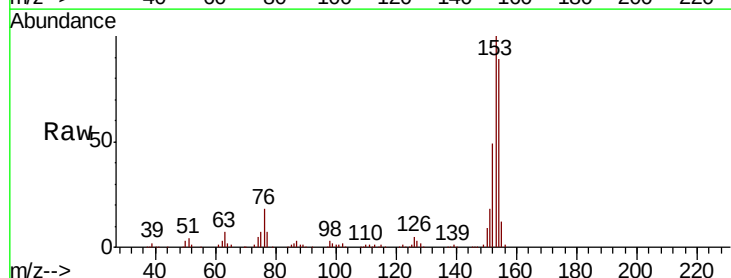
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

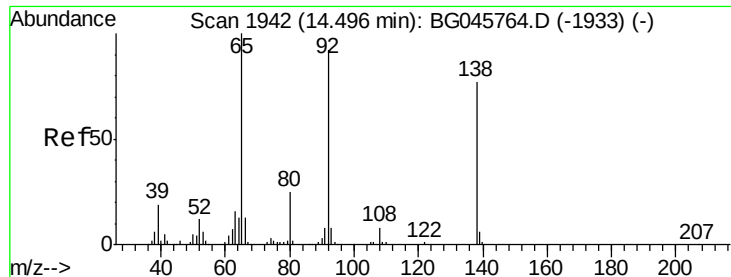
Tot Ion:165 Resp: 95785
 Ion Ratio Lower Upper
 165 100
 63 57.1 41.2 61.8
 89 61.2 49.7 74.5



#52
 Acenaphthene
 Concen: 42.711 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: BG045771.D
 Acq: 16 Jun 2020 10:37

Tgt Ion:154 Resp: 310292
 Ion Ratio Lower Upper
 154 100
 153 112.1 93.0 139.4
 152 55.5 43.7 65.5

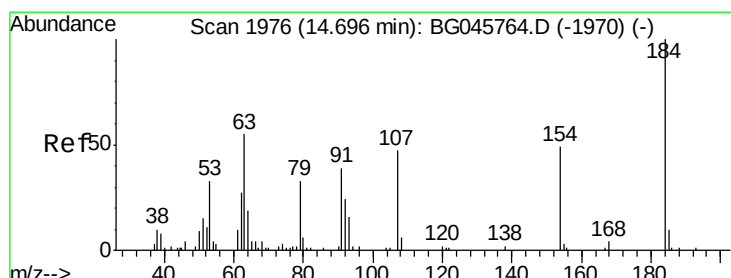
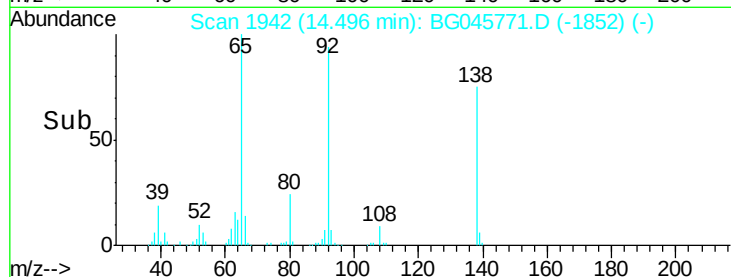
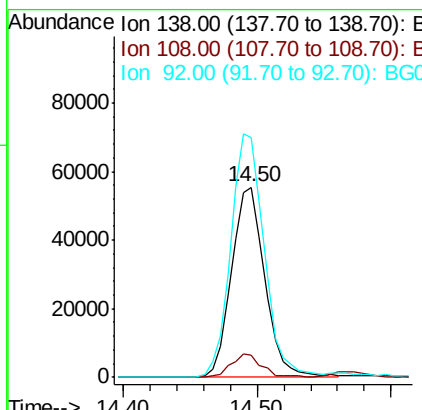
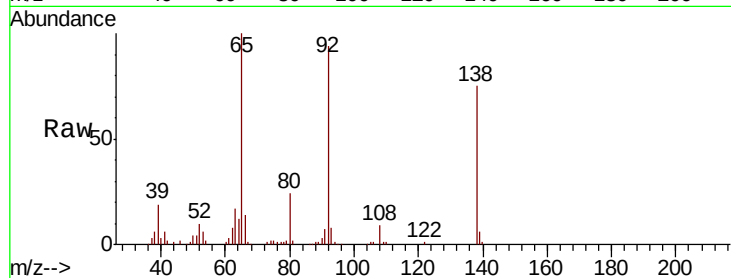




#53
 3-Nitroaniline
 Concen: 42.372 ng
 RT: 14.50 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: BG045771.D
 Acq: 16 Jun 2020 10:37

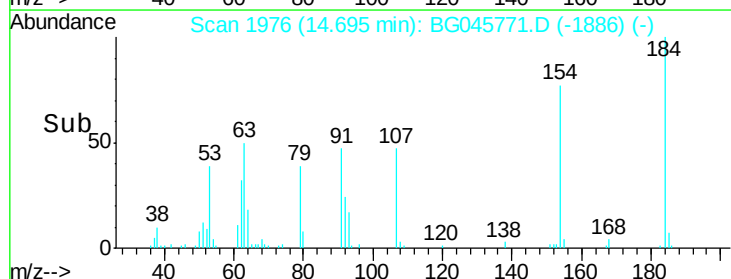
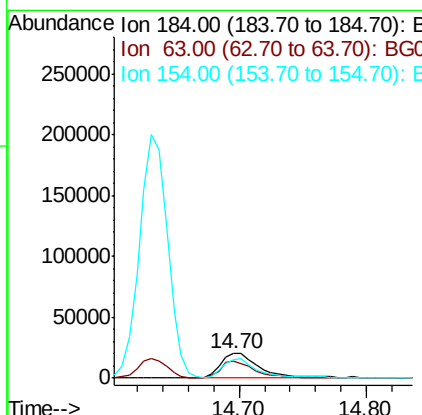
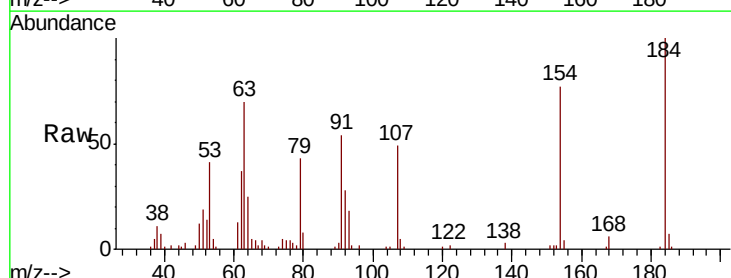
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

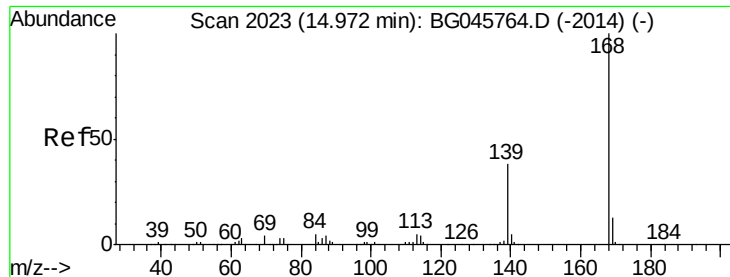
Tot Ion:138 Resp: 96352
 Ion Ratio Lower Upper
 138 100
 108 11.9 8.4 12.6
 92 125.7 95.6 143.4



#54
 2,4-Dinitrophenol
 Concen: 39.380 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG045771.D
 Acq: 16 Jun 2020 10:37

Tgt Ion:184 Resp: 42663
 Ion Ratio Lower Upper
 184 100
 63 70.3 46.6 70.0#
 154 77.1 58.6 87.8

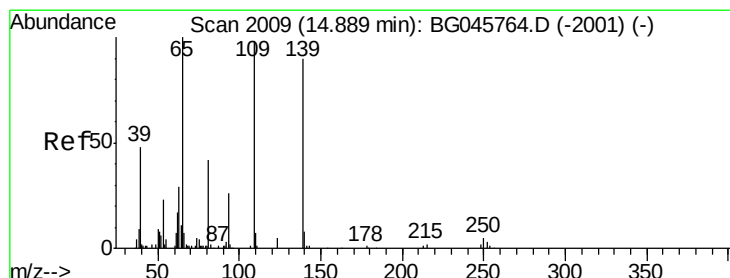
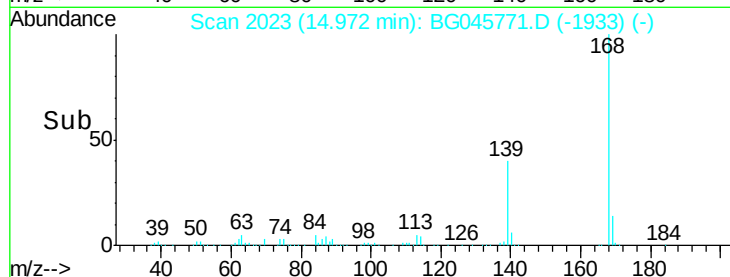
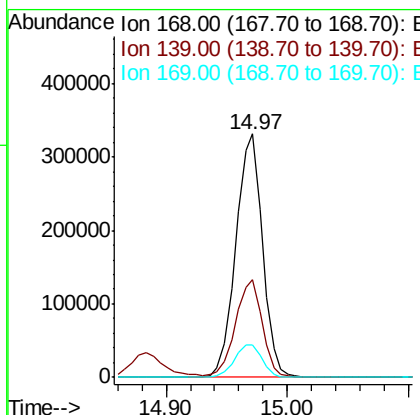
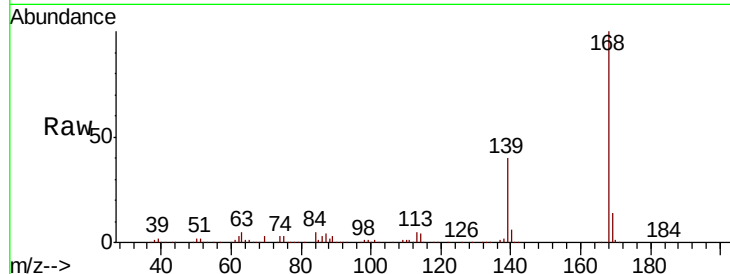




#55
Dibenzofuran
Concen: 43.132 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

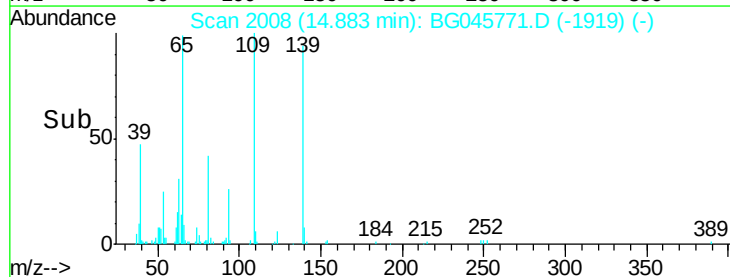
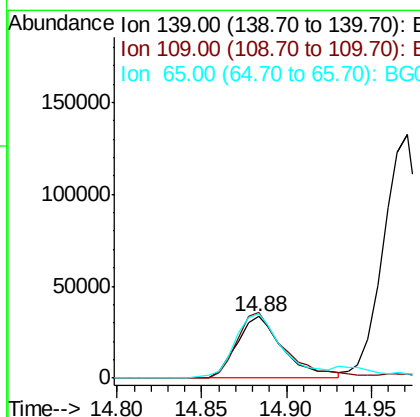
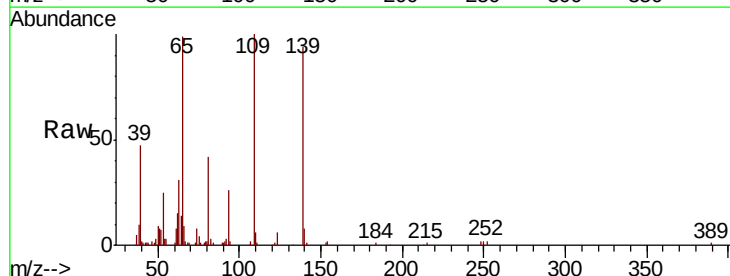
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

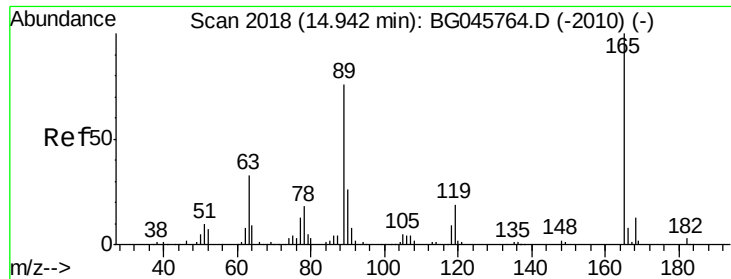
Tot Ion:168 Resp: 509044
Ion Ratio Lower Upper
168 100
139 40.0 31.8 47.6
169 13.6 10.4 15.6



#56
4-Nitrophenol
Concen: 41.708 ng
RT: 14.88 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Tgt Ion:139 Resp: 64691
Ion Ratio Lower Upper
139 100
109 106.0 88.9 128.9
65 105.1 92.3 132.3

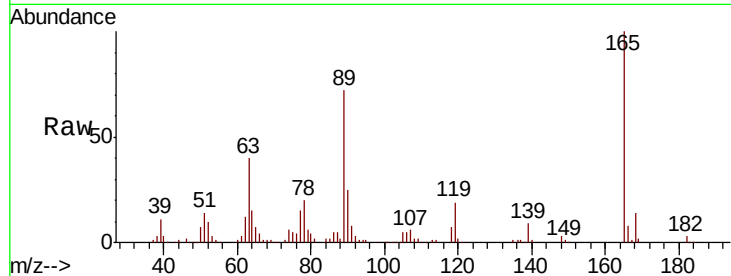




#57
2,4-Dinitrotoluene
Concen: 42.736 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:165	Resp:	139397
Ion Ratio	Lower	Upper
165	100	
63	40.4	33.8 50.8
89	72.4	60.4 90.6
182	2.6	2.6 3.8

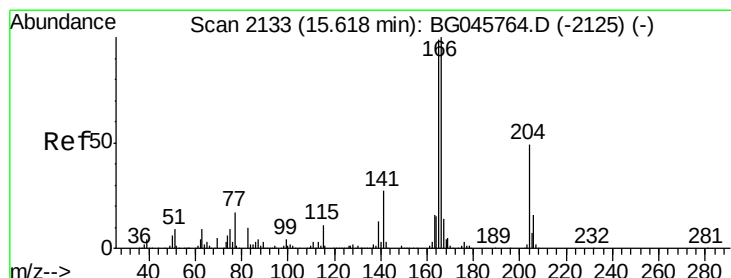
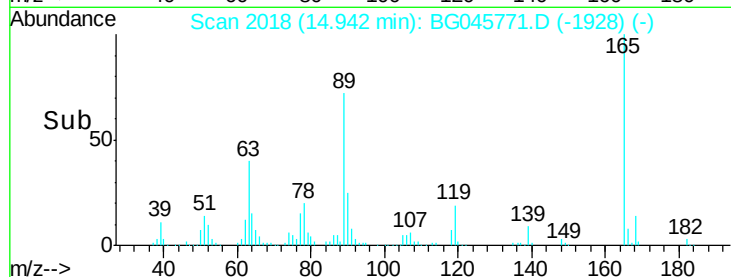
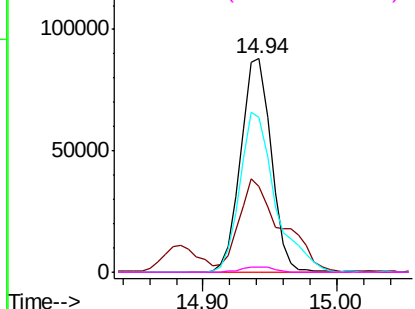


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

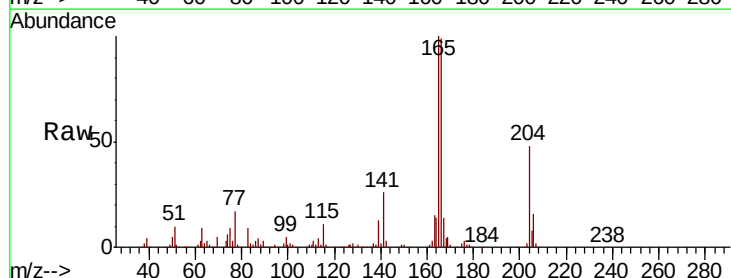
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.320 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

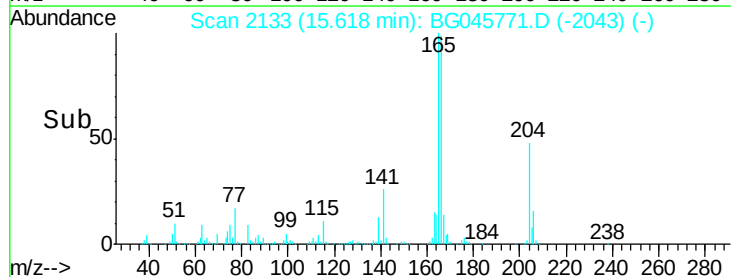
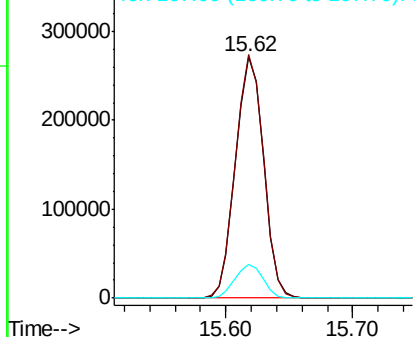
Tgt Ion:166	Resp:	415312
Ion Ratio	Lower	Upper
166	100	
165	100.9	79.1 118.7
167	13.9	11.5 17.3

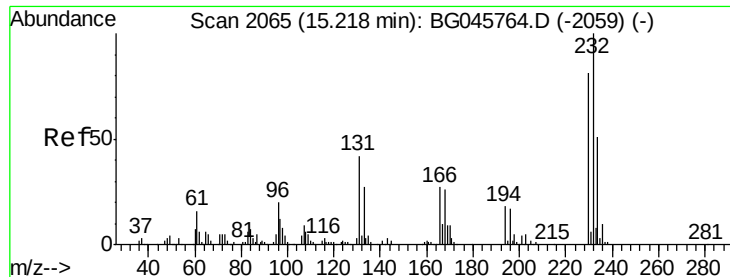


Abundance Ion 166.00 (165.70 to 166.70): E

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: 41.075 ng

RT: 15.22 min Scan# 2065

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 117366

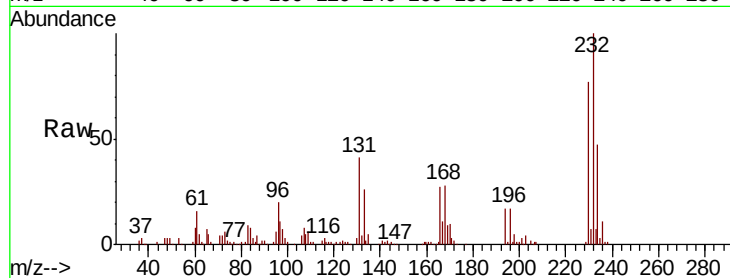
Ion Ratio Lower Upper

232 100

131 42.2 32.2 48.2

130 2.5 2.2 3.4

166 29.1 21.3 31.9



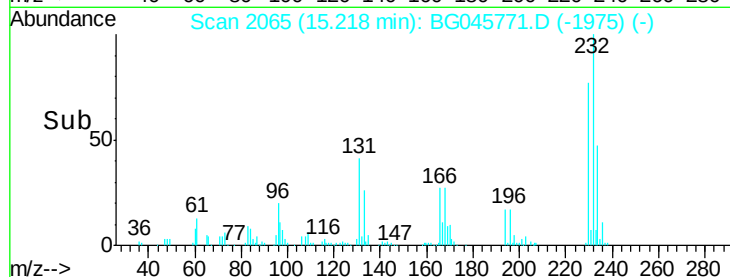
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

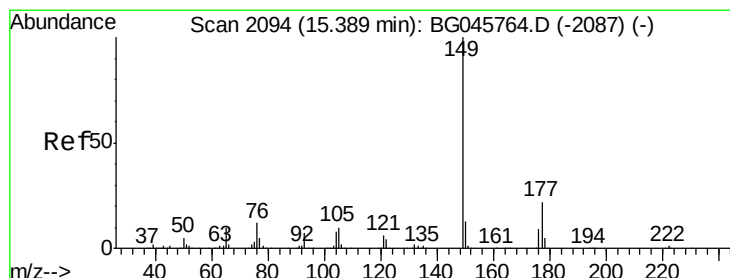
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



Time-->



#60

Diethylphthalate

Concen: 43.135 ng

RT: 15.39 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

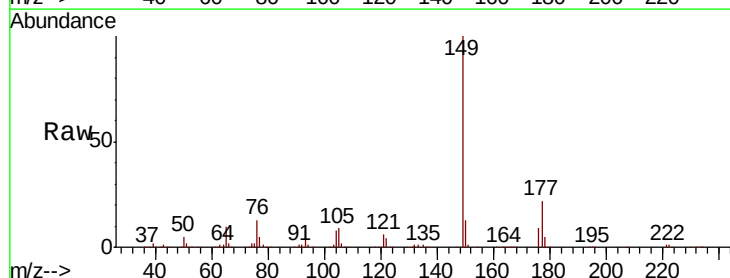
Tgt Ion:149 Resp: 446959

Ion Ratio Lower Upper

149 100

177 21.8 17.2 25.8

150 12.8 10.7 16.1

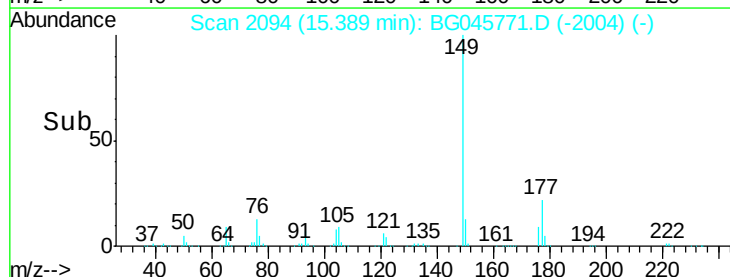


Abundance Ion 149.00 (148.70 to 149.70): E

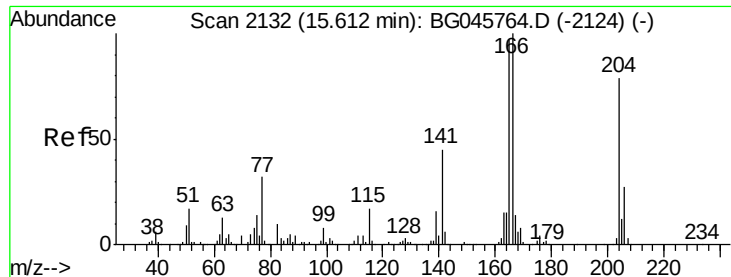
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->



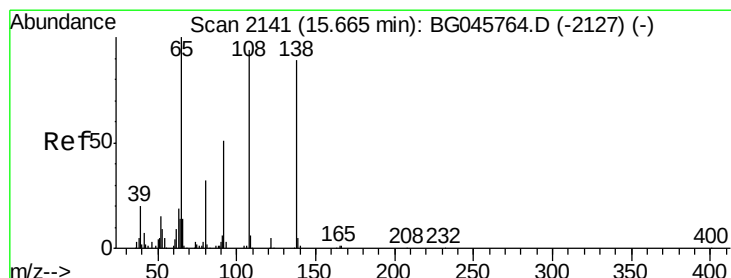
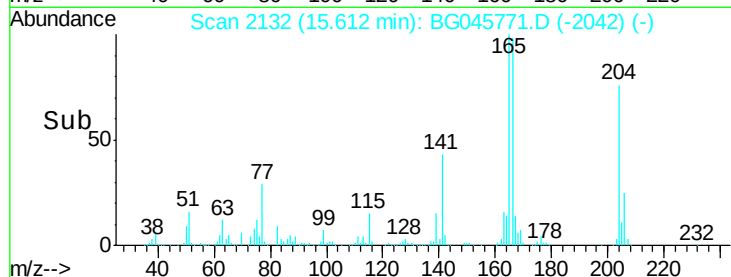
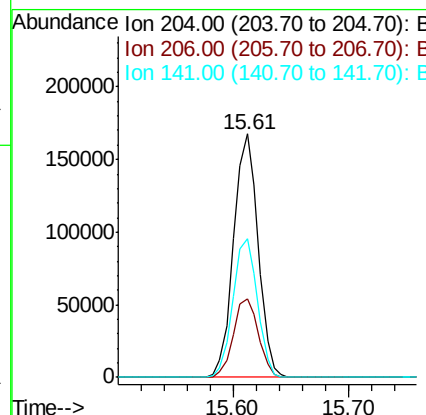
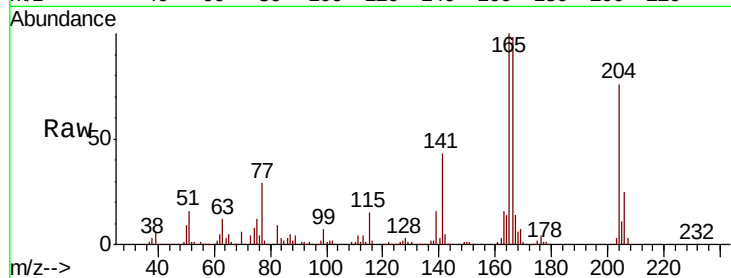
Time-->



#61
4-Chlorophenyl-phenylether
Concen: 43.416 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

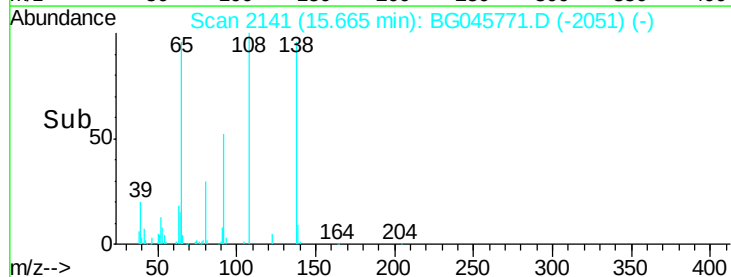
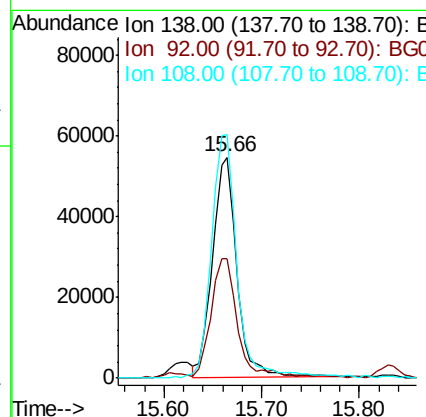
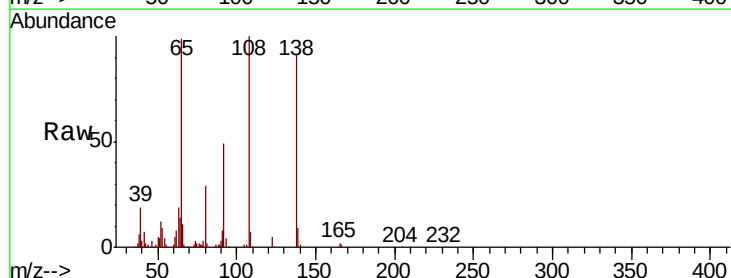
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

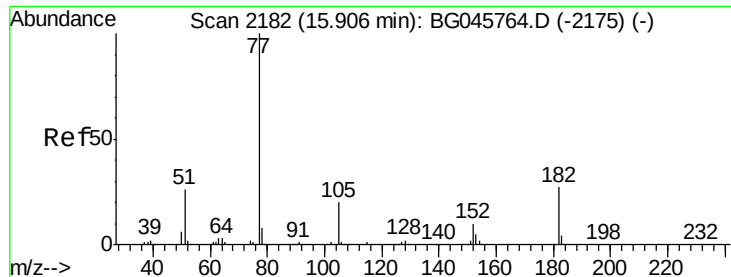
Tot Ion:204 Resp: 245570
Ion Ratio Lower Upper
204 100
206 32.3 27.2 40.8
141 56.7 45.9 68.9



#62
4-Nitroaniline
Concen: 40.676 ng
RT: 15.66 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Tgt Ion:138 Resp: 94929
Ion Ratio Lower Upper
138 100
92 54.2 37.3 77.3
108 110.1 85.0 125.0

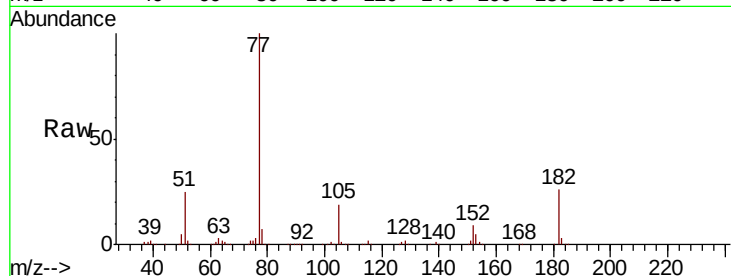




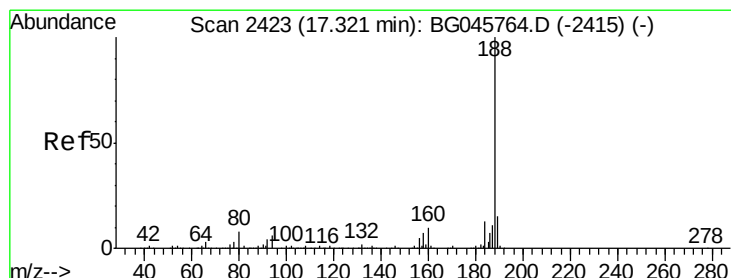
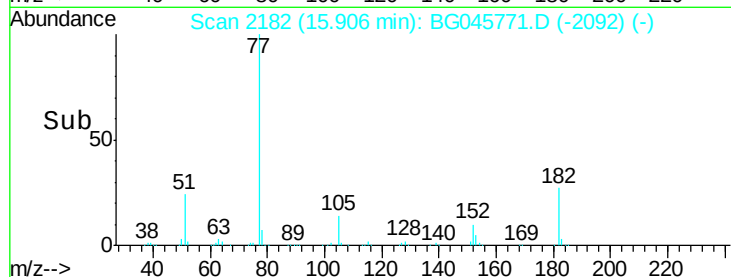
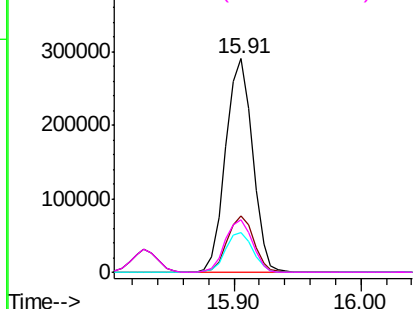
#63
Azobenzene
Concen: 42.781 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 425638
Ion Ratio Lower Upper
77 100
182 26.3 7.4 47.4
105 18.8 0.1 40.1
51 24.7 5.7 45.7

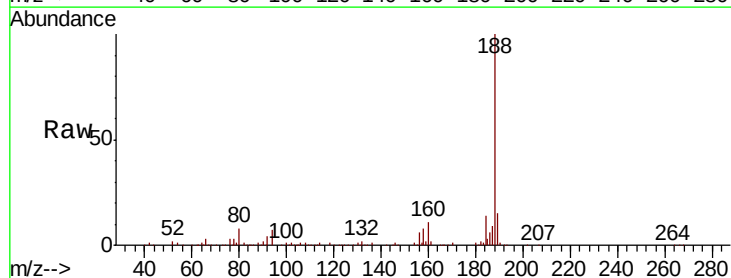


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

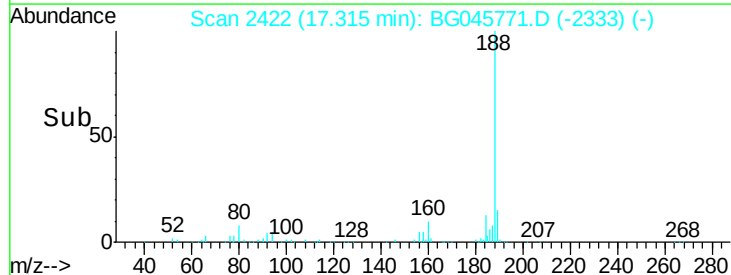
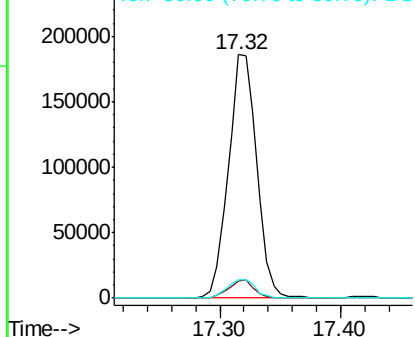


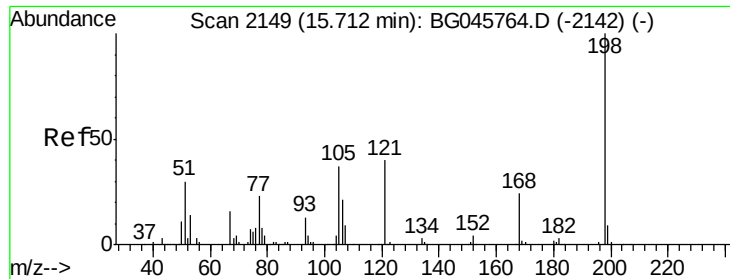
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Tgt Ion: 188 Resp: 302220
Ion Ratio Lower Upper
188 100
94 7.2 5.1 7.7
80 7.6 6.2 9.4



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

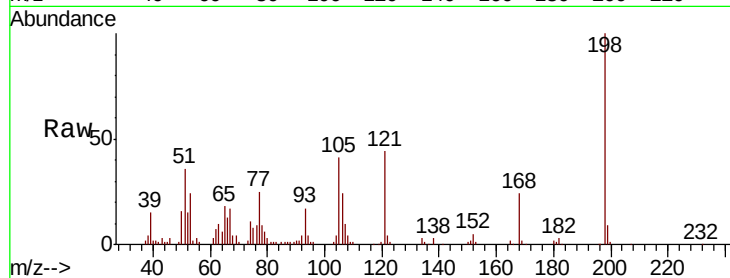




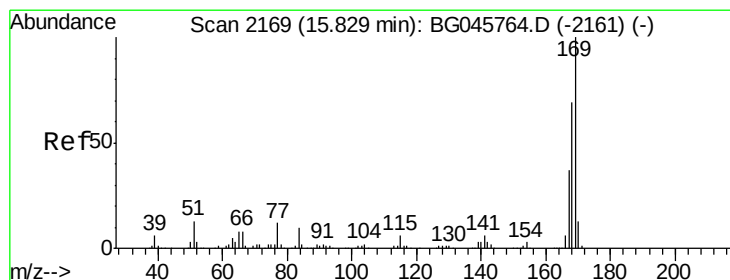
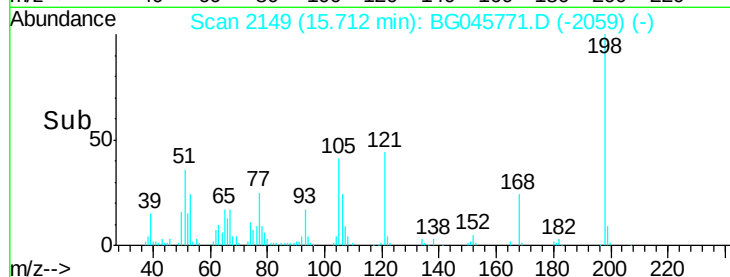
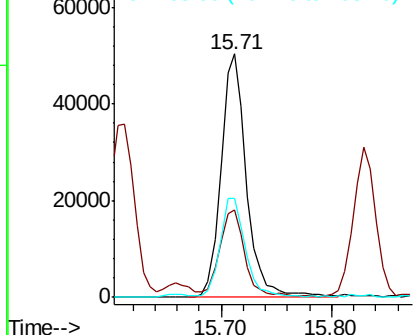
#65
4,6-Dinitro-2-methylphenol
Concen: 43.298 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 80869
Ion Ratio Lower Upper
198 100
51 35.8 14.6 54.6
105 40.6 18.4 58.4

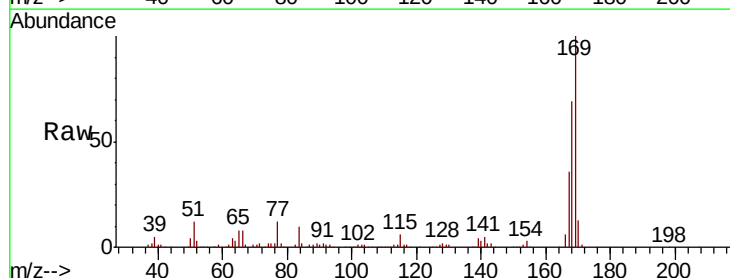


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

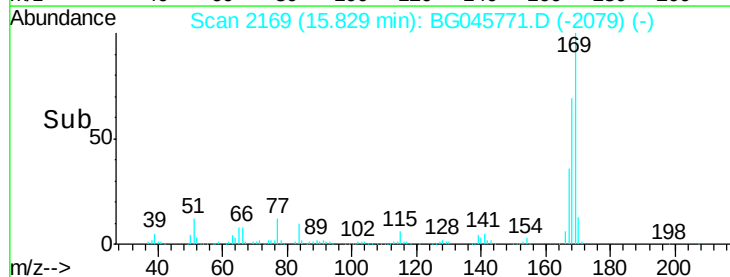
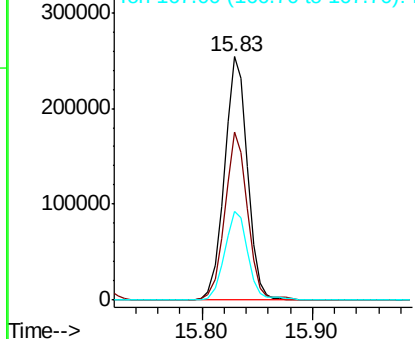


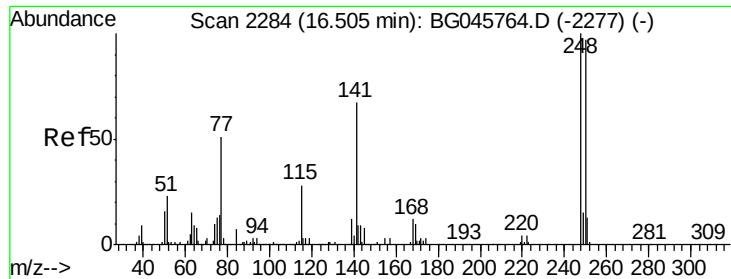
#66
n-Nitrosodiphenylamine
Concen: 42.996 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Tgt Ion:169 Resp: 368051
Ion Ratio Lower Upper
169 100
168 69.0 55.2 82.8
167 36.4 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

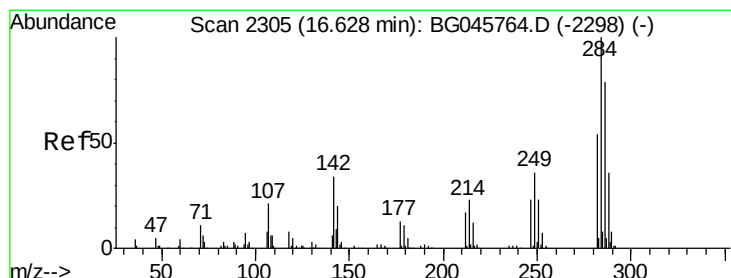
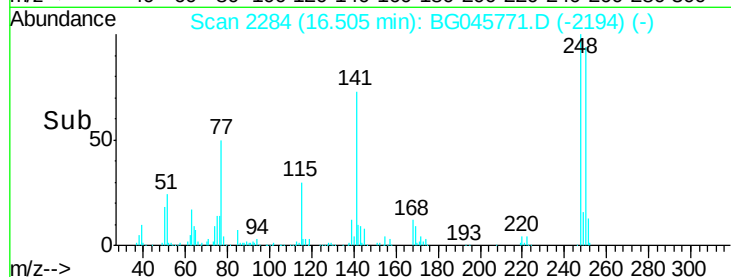
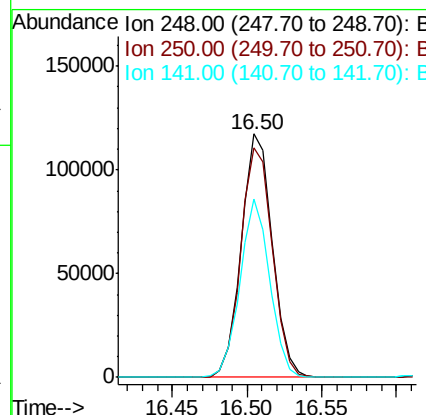
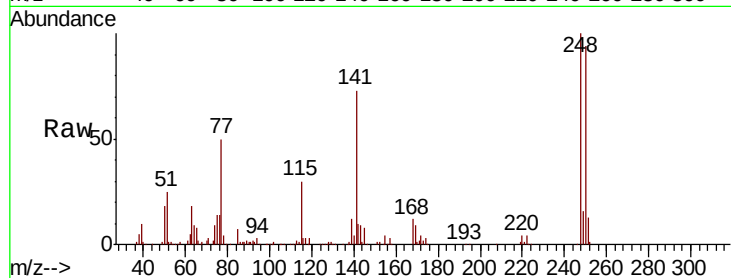




#67
4-Bromophenyl-phenylether
Concen: 43.129 ng
RT: 16.50 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

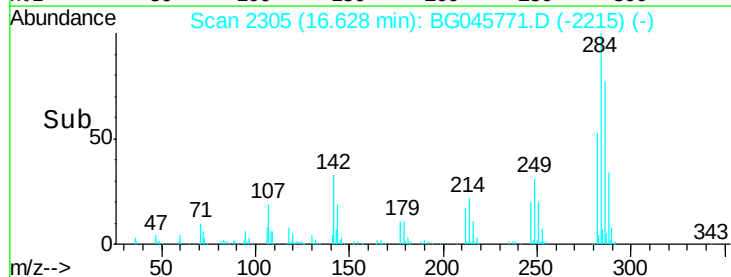
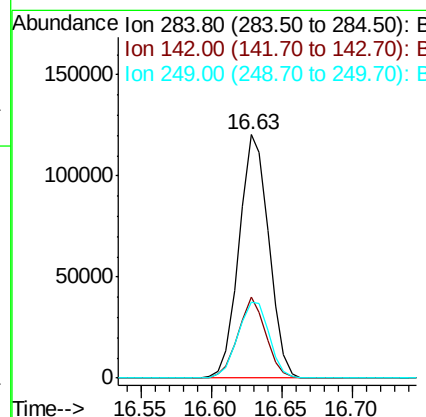
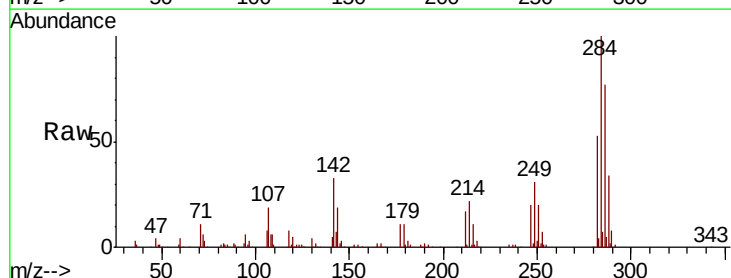
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

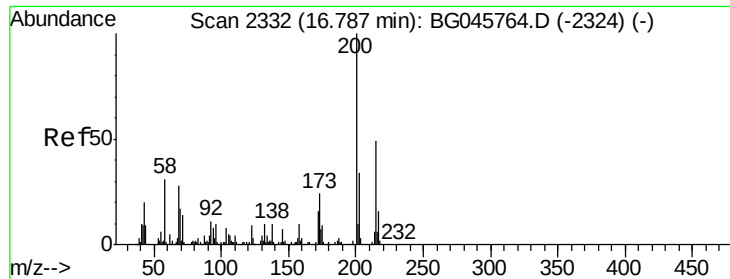
Tot Ion:248 Resp: 169365
Ion Ratio Lower Upper
248 100
250 94.2 78.0 117.0
141 73.3 53.9 80.9



#68
Hexachlorobenzene
Concen: 43.357 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Tgt Ion:284 Resp: 176553
Ion Ratio Lower Upper
284 100
142 33.3 26.9 40.3
249 31.3 28.6 42.8





#69

Atrazine

Concen: 41.576 ng

RT: 16.79 min Scan# 2332

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

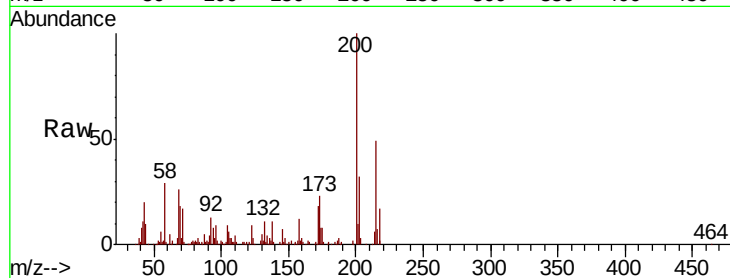
Tot Ion:200 Resp: 138103

Ion Ratio Lower Upper

200 100

173 23.3 3.9 43.9

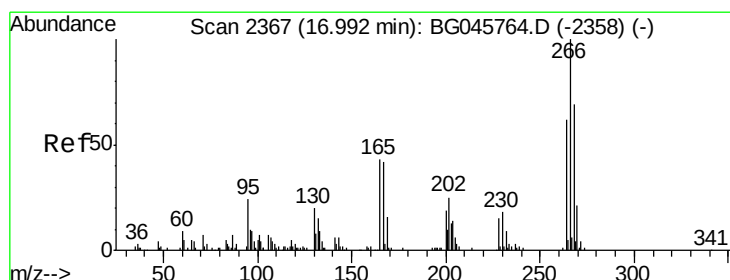
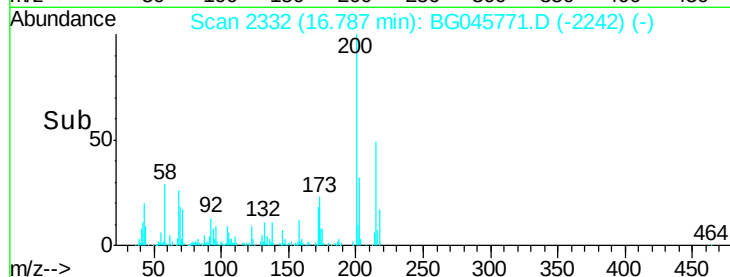
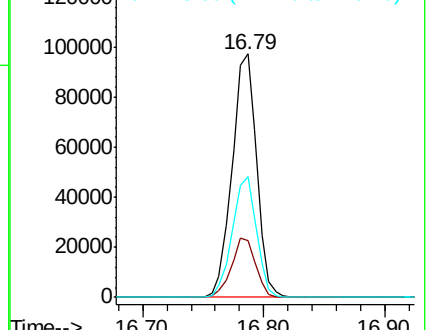
215 49.4 28.8 68.8



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: 41.602 ng

RT: 16.99 min Scan# 2367

Delta R.T. 0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

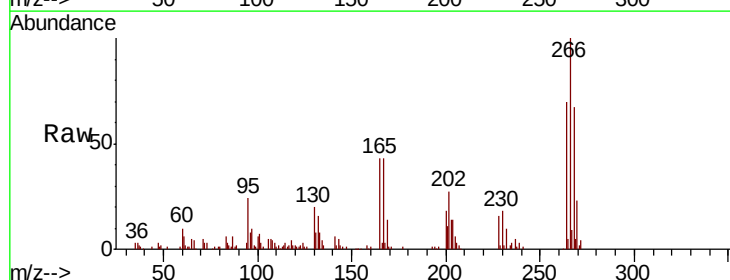
Tgt Ion:266 Resp: 75413

Ion Ratio Lower Upper

266 100

268 66.7 55.4 83.0

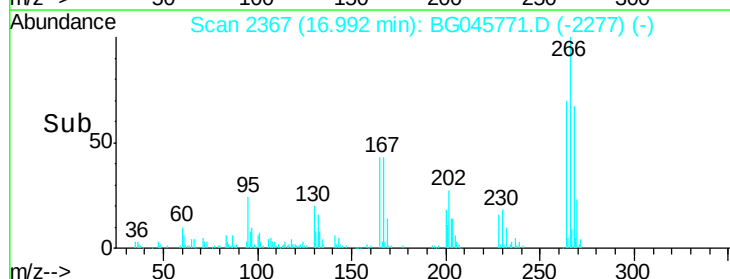
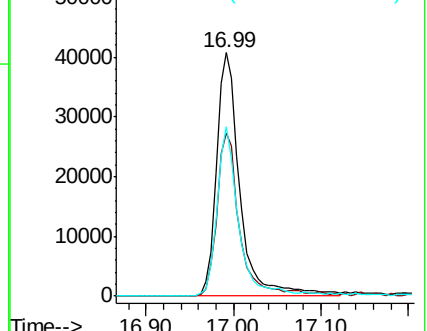
264 69.6 49.8 74.6

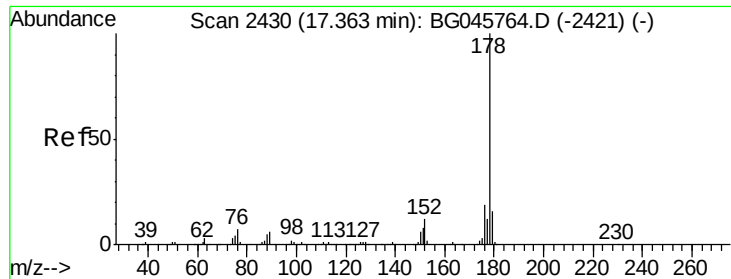


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

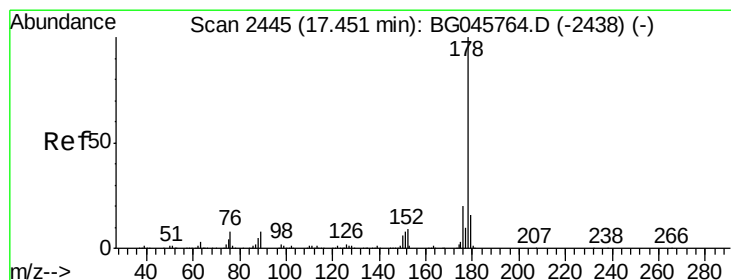
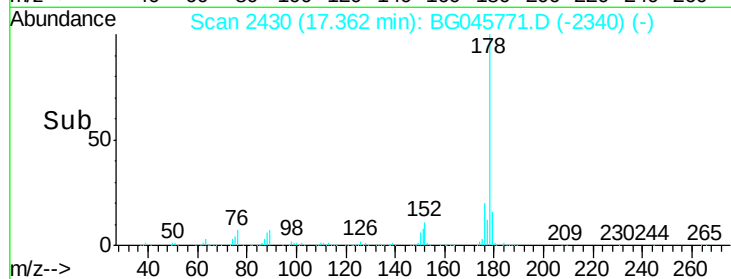
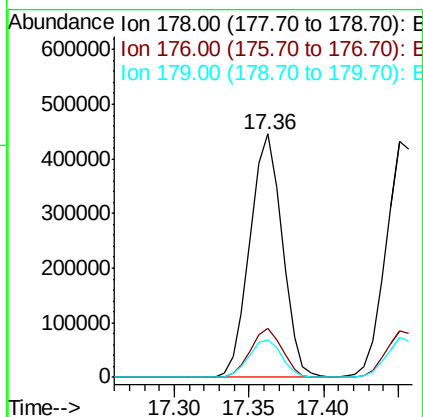
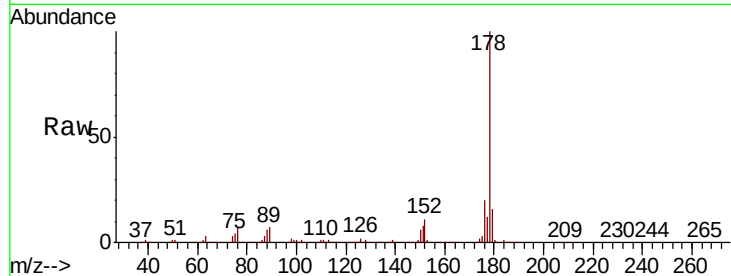




#71
Phenanthrene
Concen: 43.008 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

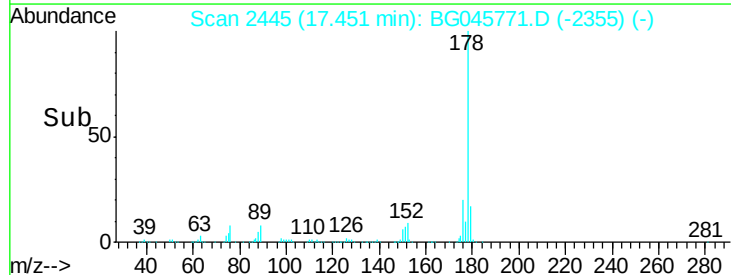
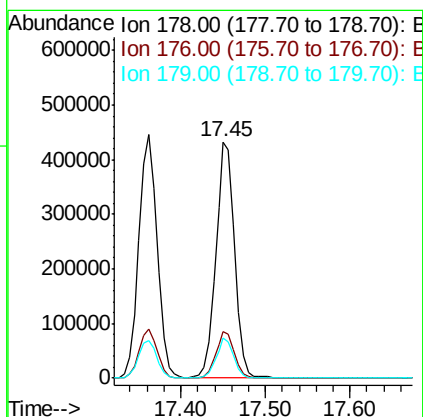
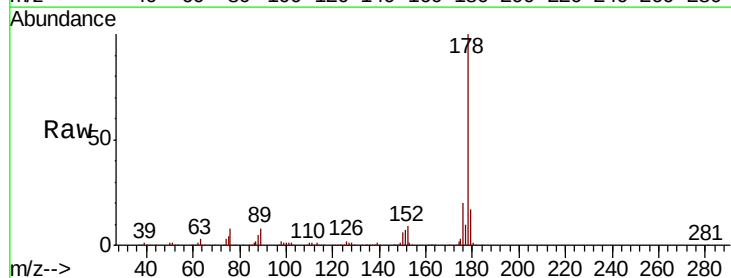
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

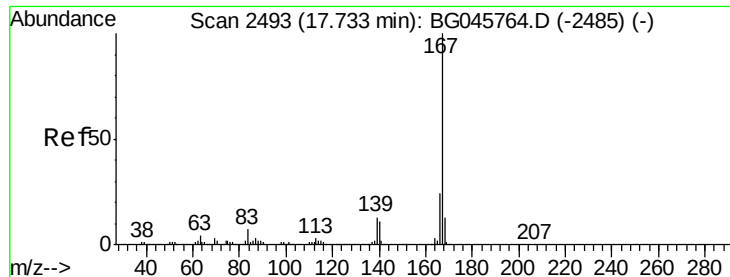
Tot Ion:178 Resp: 670351
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 15.6 13.2 19.8



#72
Anthracene
Concen: 43.101 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Tgt Ion:178 Resp: 668975
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 16.8 13.1 19.7





#73

Carbazole

Concen: 42.940 ng

RT: 17.73 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

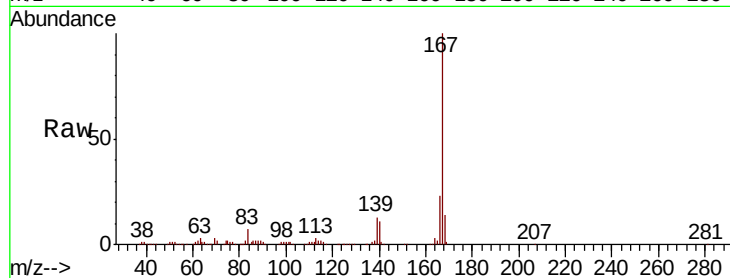
Tot Ion:167 Resp: 634597

Ion Ratio Lower Upper

167 100

166 22.8 18.9 28.3

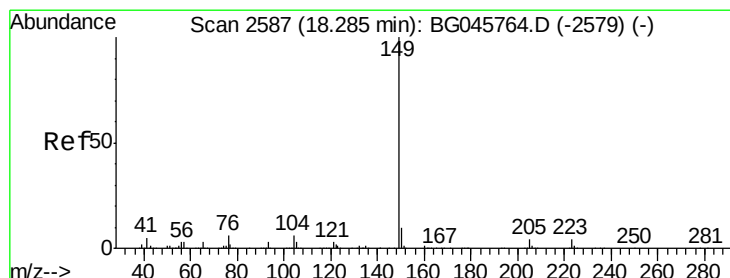
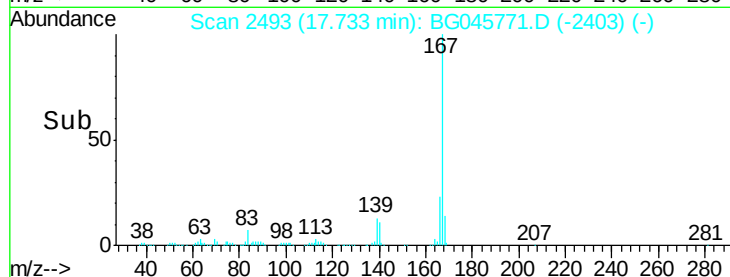
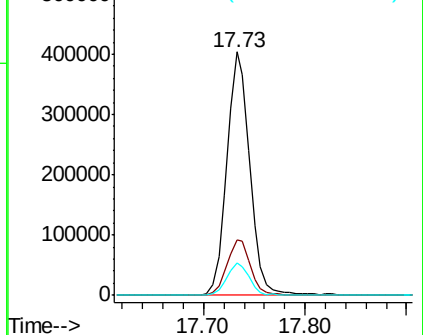
139 13.1 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.421 ng

RT: 18.28 min Scan# 2587

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

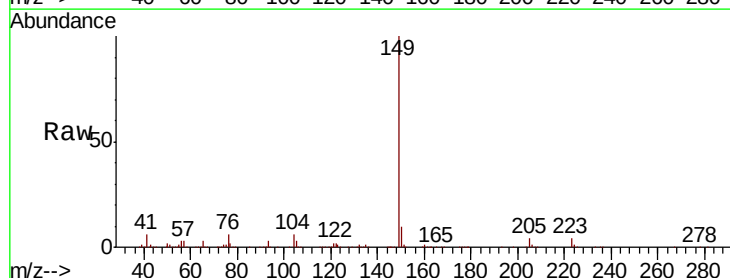
Tgt Ion:149 Resp: 759815

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

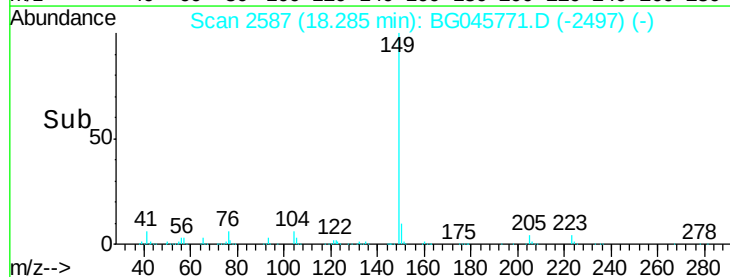
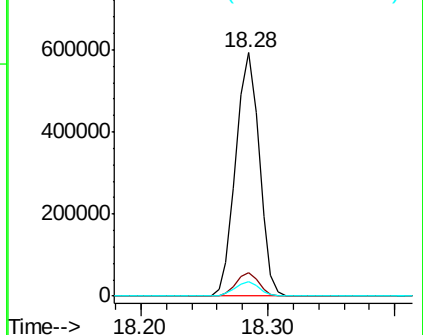
104 6.1 5.1 7.7

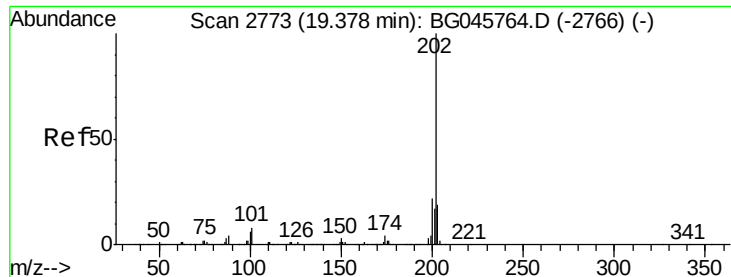


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.089 ng

RT: 19.38 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

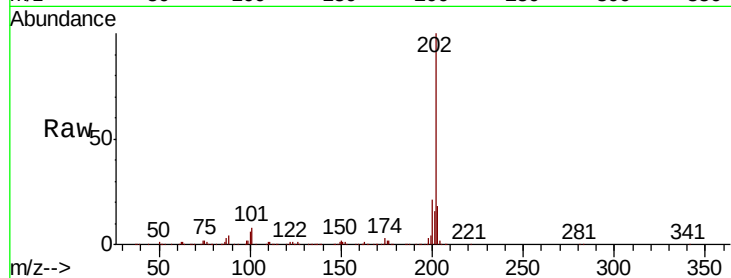
Tot Ion:202 Resp: 825871

Ion Ratio Lower Upper

202 100

101 7.8 0.0 27.7

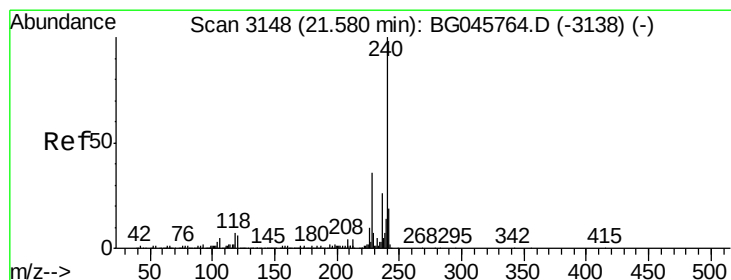
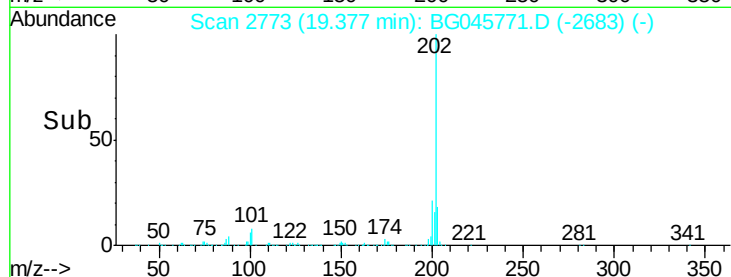
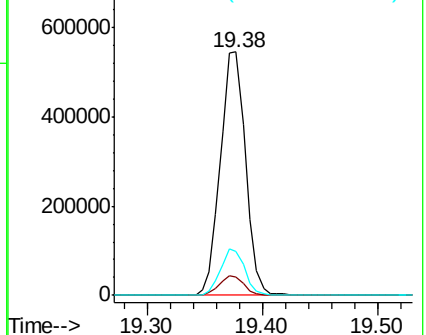
203 18.0 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

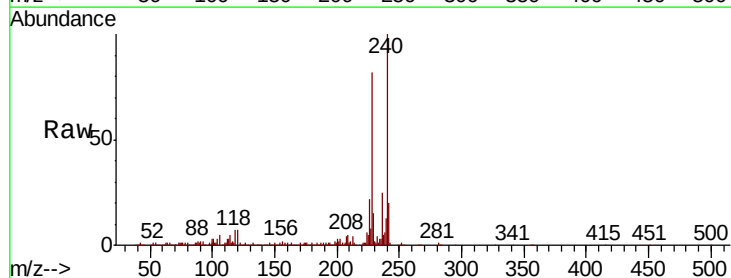
Tgt Ion:240 Resp: 282008

Ion Ratio Lower Upper

240 100

120 6.8 5.0 7.4

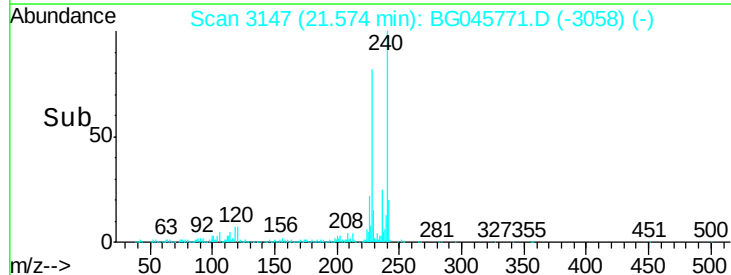
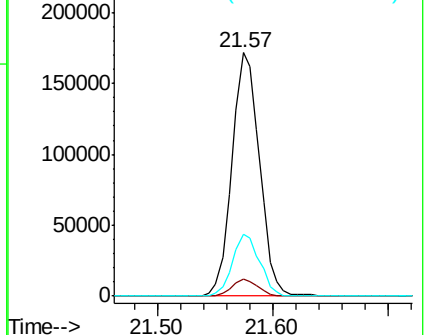
236 25.1 20.6 30.8

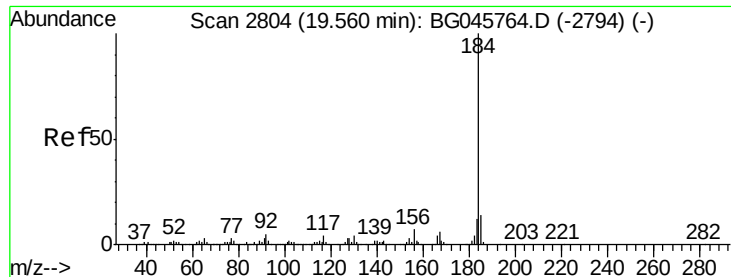


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.497 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

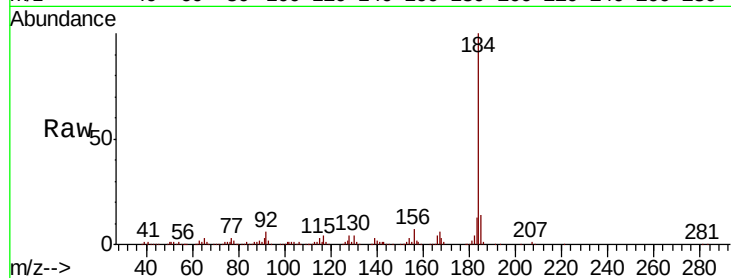
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 318892

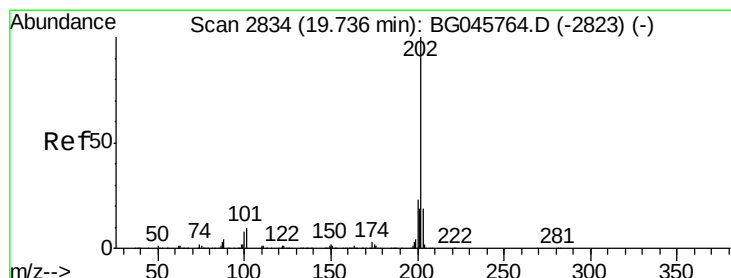
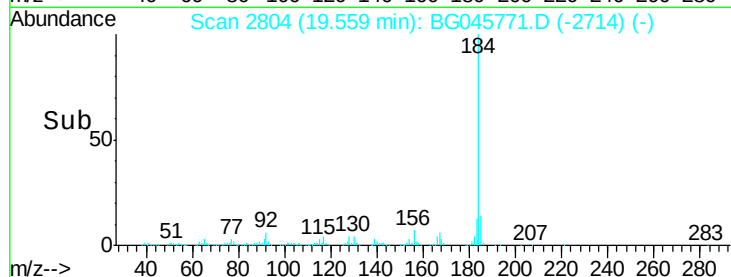
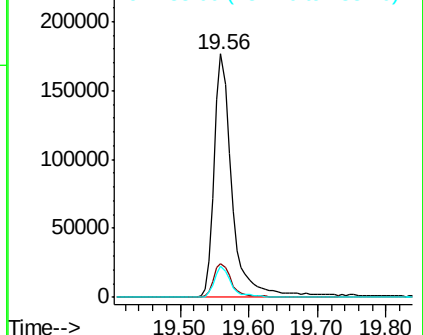
Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.1	16.7
183	12.6	9.7	14.5



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: 43.869 ng

RT: 19.74 min Scan# 2834

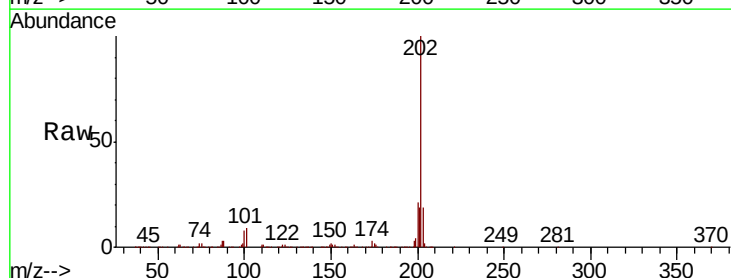
Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Tgt Ion:202 Resp: 828435

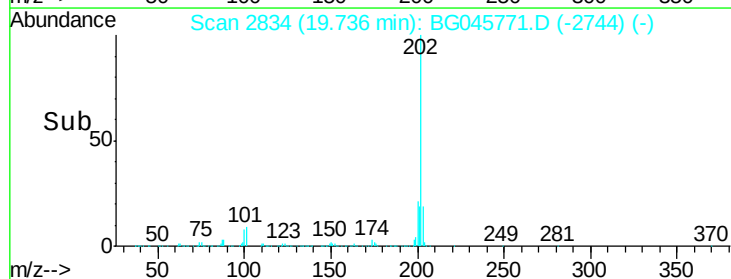
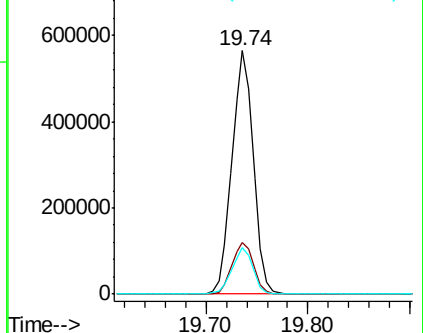
Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.2	27.2
203	18.9	14.8	22.2

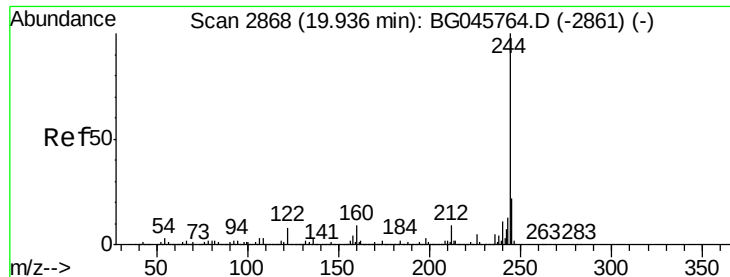


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.781 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

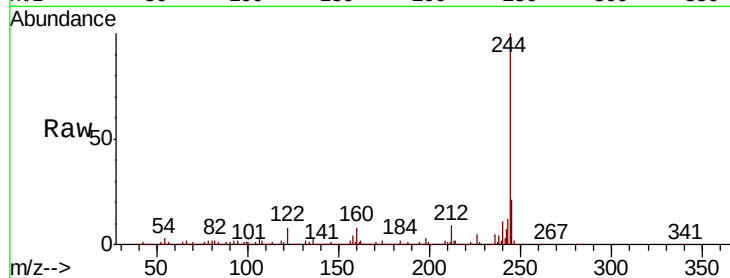
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1235426

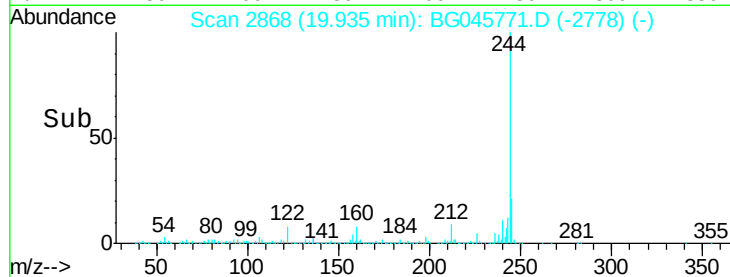
Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.2	10.8
122	8.1	6.4	9.6



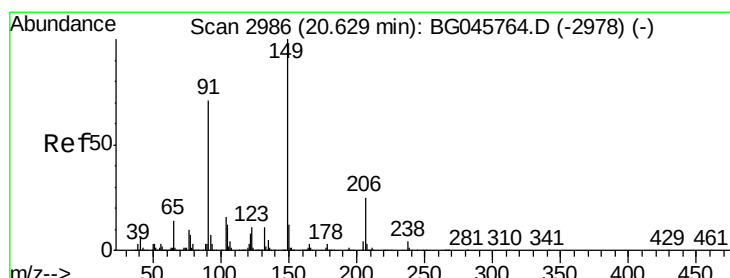
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 43.407 ng

RT: 20.62 min Scan# 2985

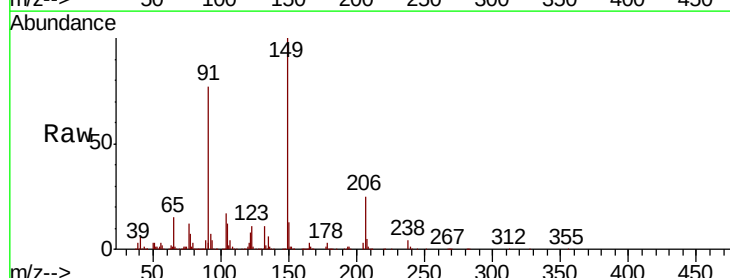
Delta R.T. -0.01 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Tgt Ion:149 Resp: 343110

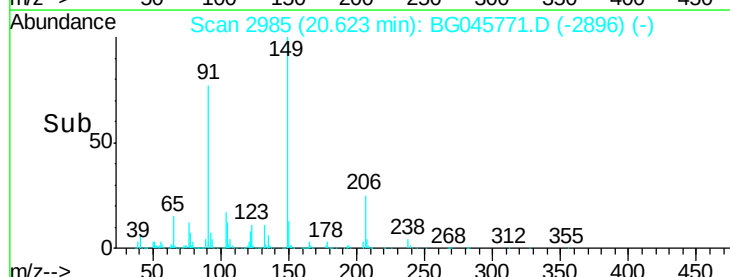
Ion	Ratio	Lower	Upper
149	100		
91	77.5	56.4	84.6
206	24.9	19.8	29.6



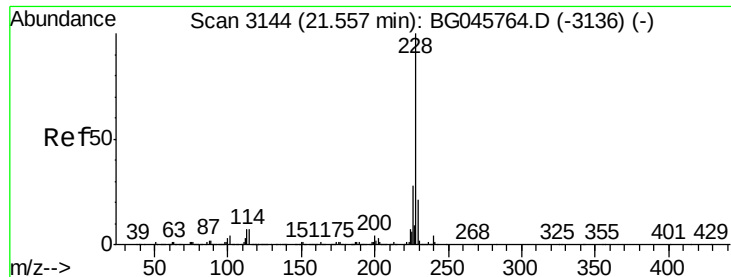
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



Time-->



#81

Benzo(a)anthracene

Concen: 43.244 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

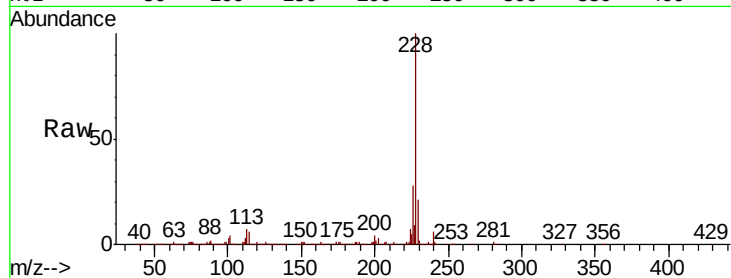
Tot Ion:228 Resp: 790655

Ion Ratio Lower Upper

228 100

226 27.6 22.7 34.1

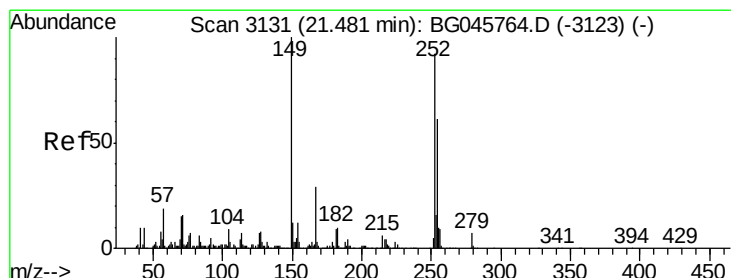
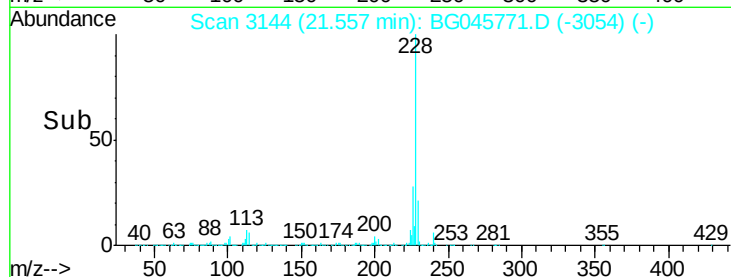
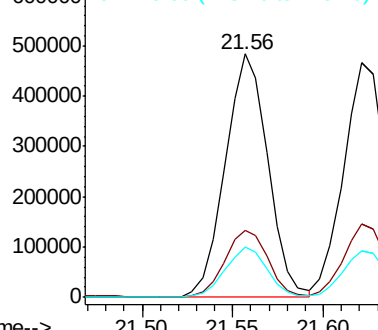
229 20.7 16.6 24.8



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: 43.445 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

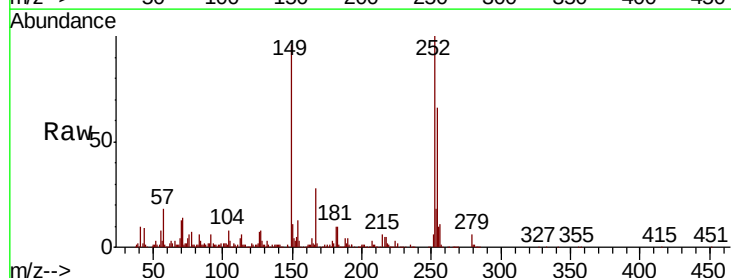
Tgt Ion:252 Resp: 300464

Ion Ratio Lower Upper

252 100

254 66.2 53.4 80.0

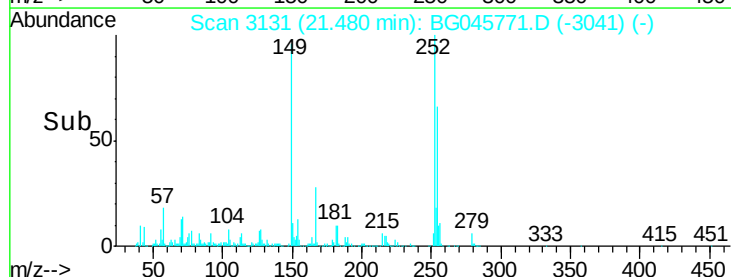
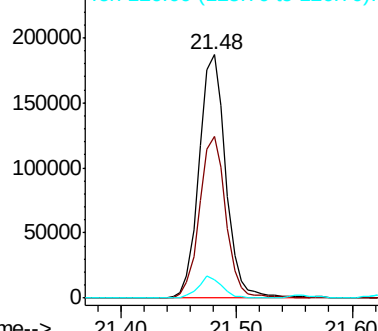
126 7.5 5.8 8.8

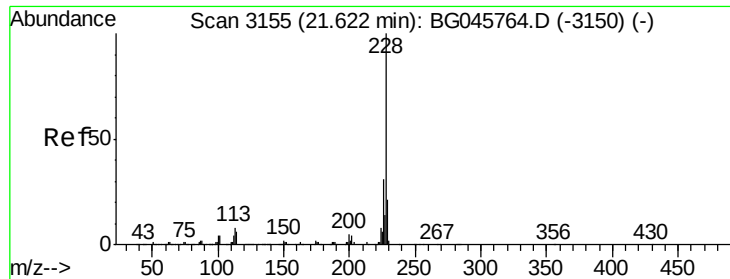


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.904 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

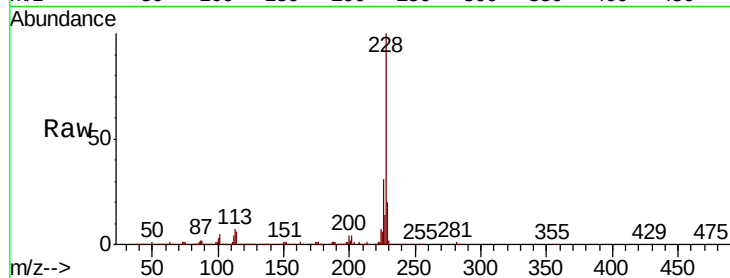
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 758728

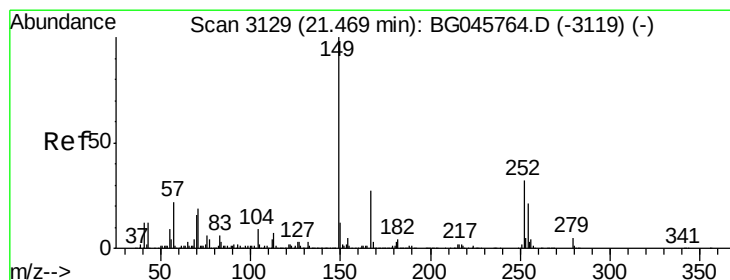
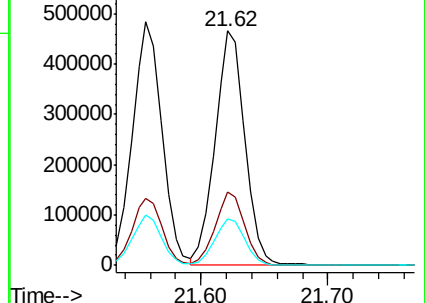
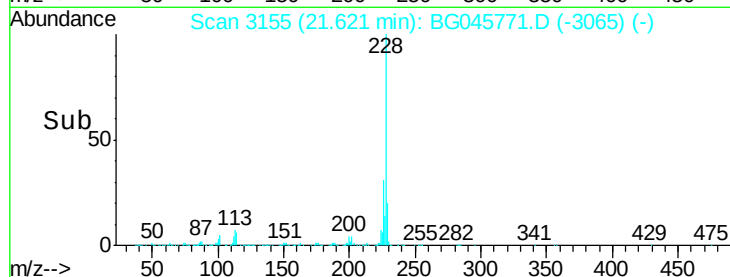
Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.1	37.7
229	20.0	16.4	24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.448 ng

RT: 21.47 min Scan# 3129

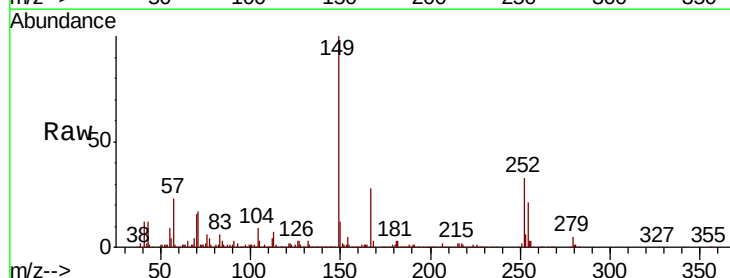
Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Tgt Ion:149 Resp: 477704

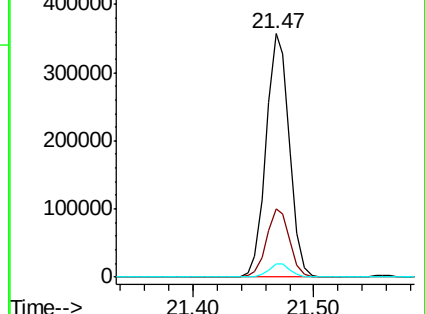
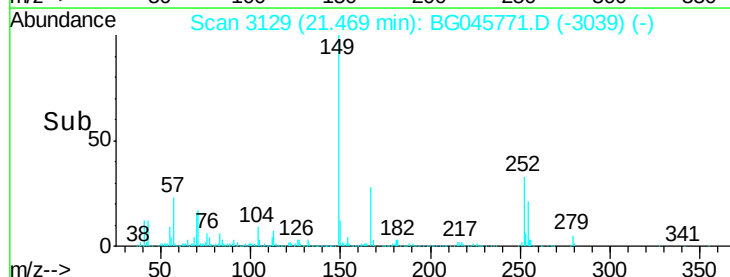
Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.3	31.9
279	5.2	3.7	5.5

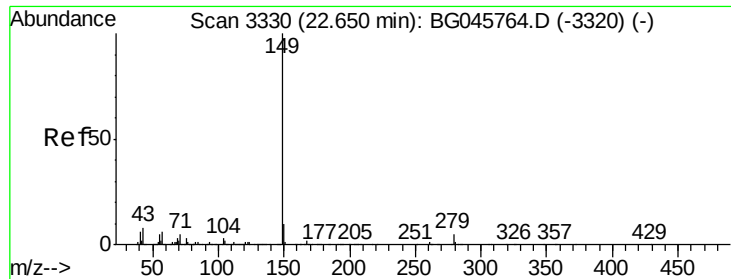


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.967 ng

RT: 22.65 min Scan# 3330

Delta R.T. -0.00 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

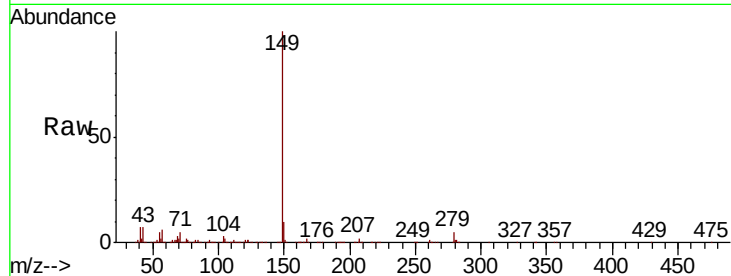
Tot Ion:149 Resp: 833839

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

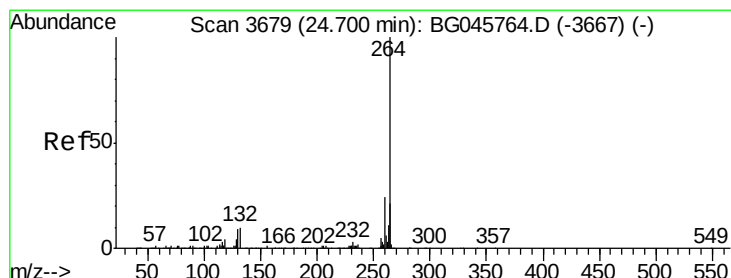
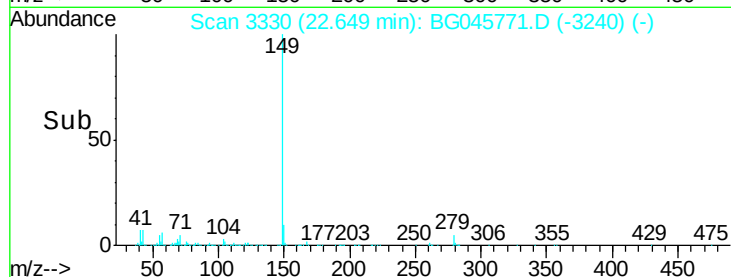
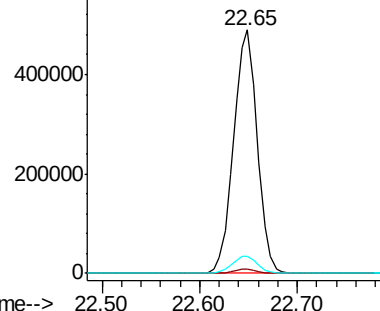
43 7.3 5.9 8.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

Delta R.T. 0.01 min

Lab File: BG045771.D

Acq: 16 Jun 2020 10:37

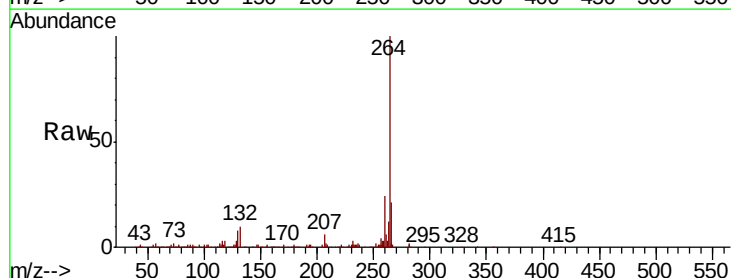
Tgt Ion:264 Resp: 321342

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

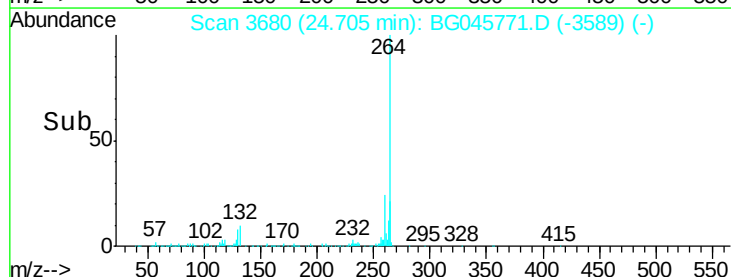
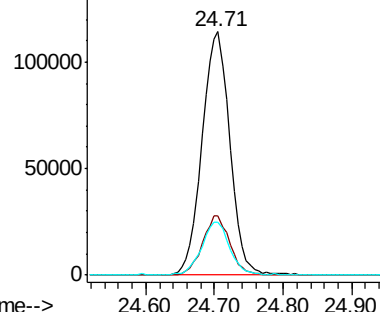
265 21.5 17.4 26.0

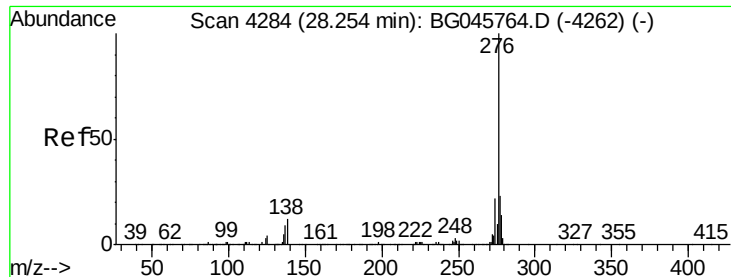


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

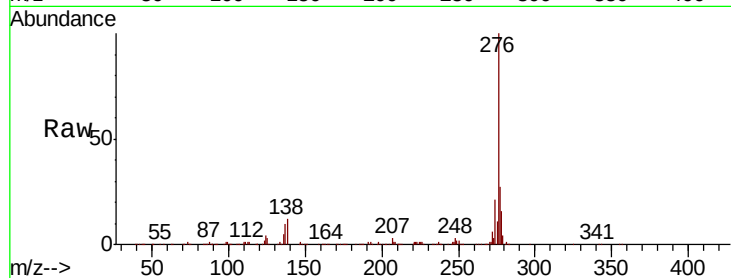




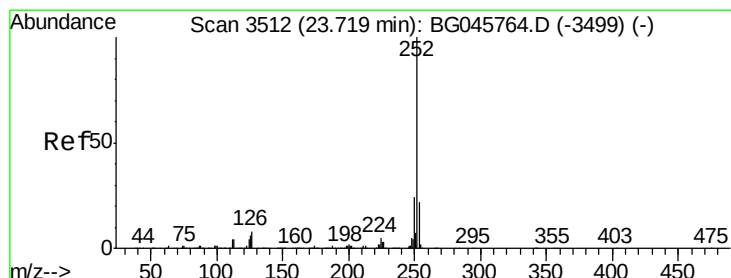
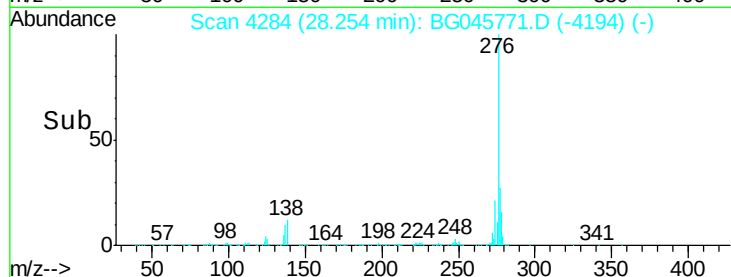
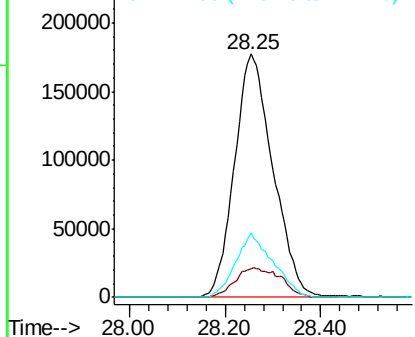
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.425 ng
 RT: 28.25 min Scan# 4284
 Delta R.T. -0.00 min
 Lab File: BG045771.D
 Acq: 16 Jun 2020 10:37

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 988324
 Ion Ratio Lower Upper
 276 100
 138 14.5 5.4 8.0#
 277 25.7 20.6 30.8

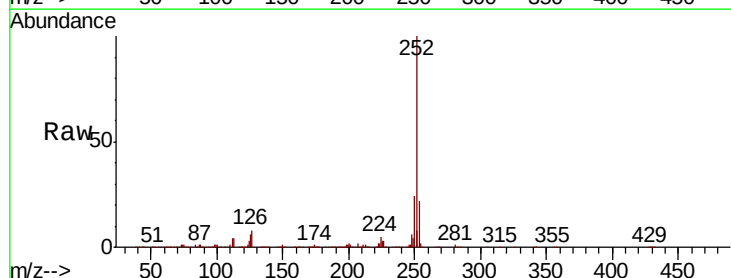


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

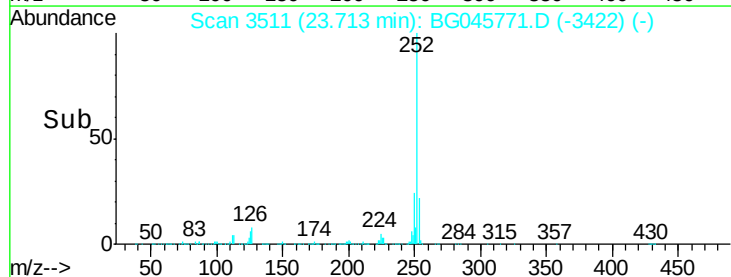
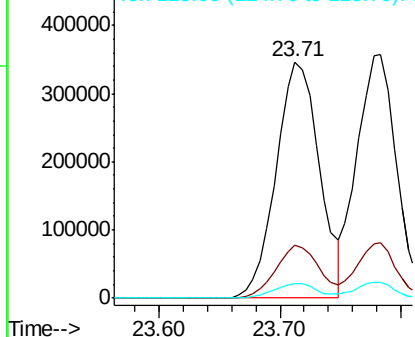


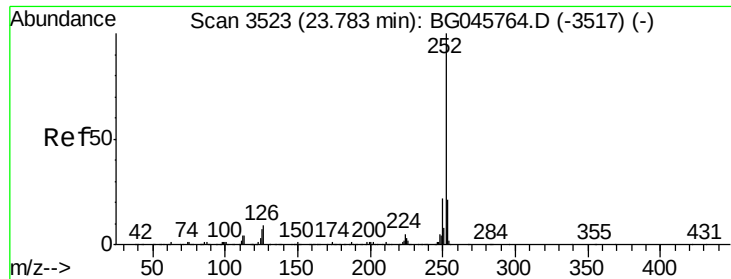
#88
 Benzo(b)fluoranthene
 Concen: 42.743 ng
 RT: 23.71 min Scan# 3511
 Delta R.T. -0.01 min
 Lab File: BG045771.D
 Acq: 16 Jun 2020 10:37

Tgt Ion:252 Resp: 861184
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.4 26.0
 125 6.1 5.0 7.4



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

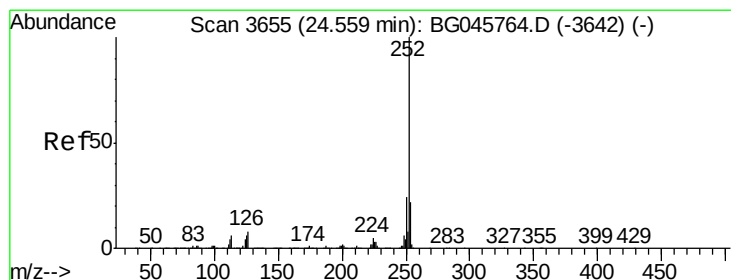
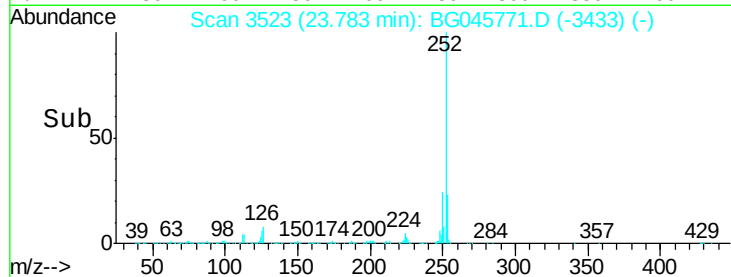
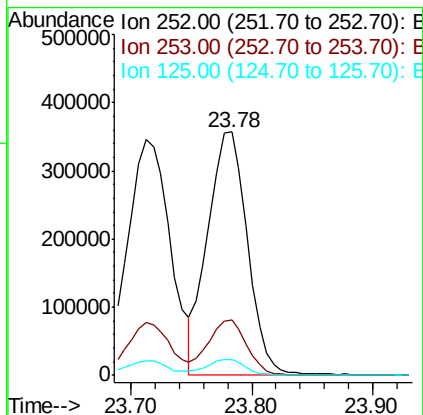
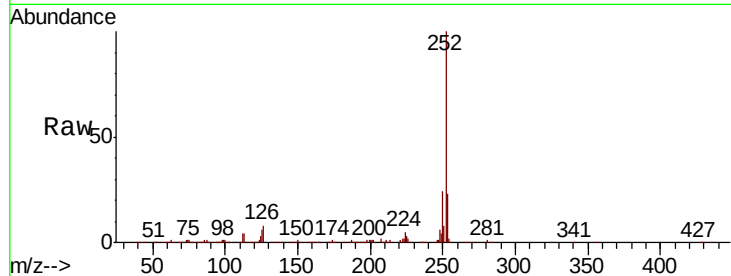




#89
Benzo(k)fluoranthene
Concen: 42.036 ng
RT: 23.78 min Scan# 3523
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

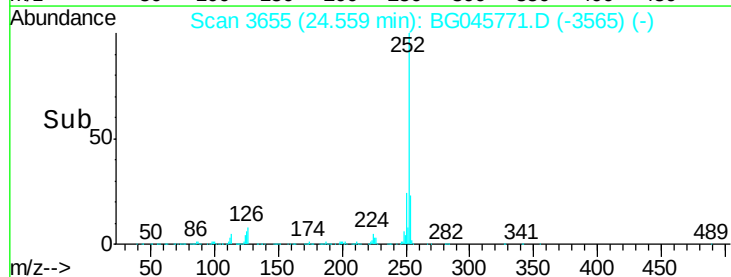
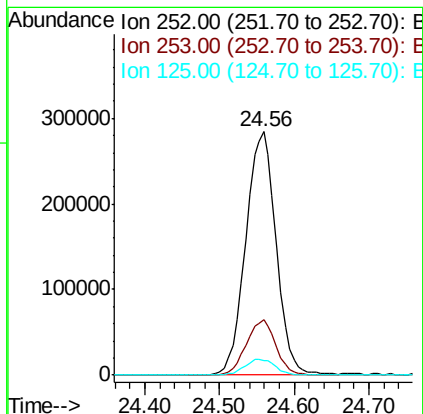
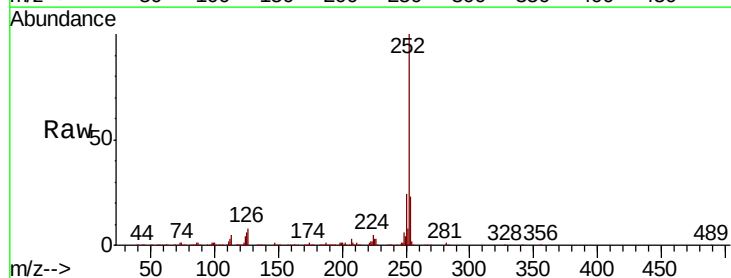
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

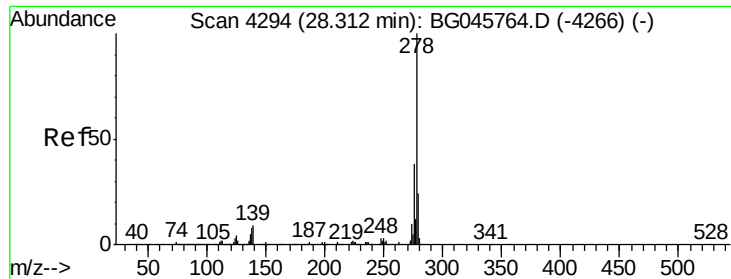
Tot Ion:252 Resp: 810583
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 6.3 5.2 7.8



#90
Benzo(a)pyrene
Concen: 42.609 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Tgt Ion:252 Resp: 801937
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 6.2 5.0 7.6

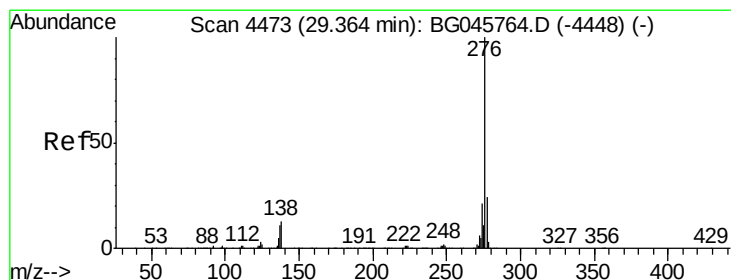
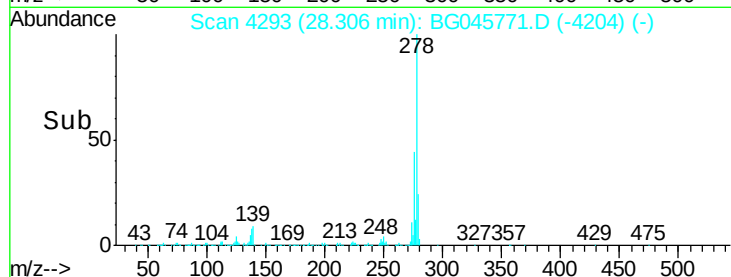
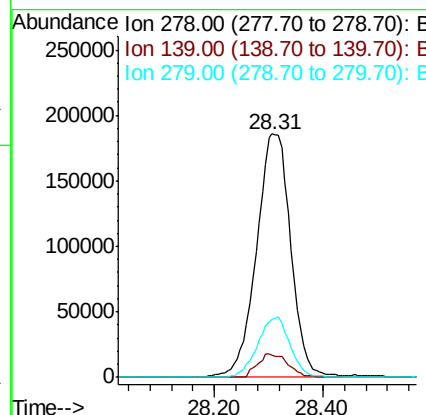
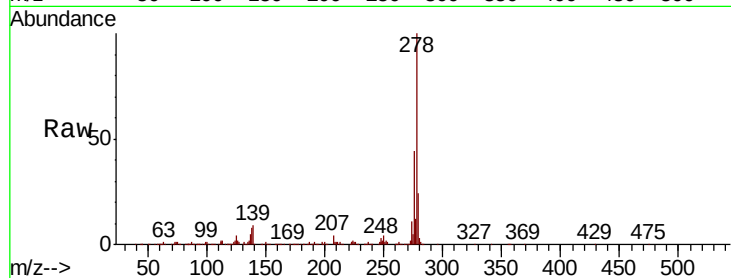




#91
Dibenzo(a,h)anthracene
Concen: 43.476 ng
RT: 28.31 min Scan# 4293
Delta R.T. -0.01 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.0	7.3	10.9
279	24.1	19.5	29.3



#92
Benzo(g,h,i)perylene
Concen: 42.466 ng
RT: 29.36 min Scan# 4473
Delta R.T. -0.00 min
Lab File: BG045771.D
Acq: 16 Jun 2020 10:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	11.9	10.6	15.8

