

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051920\
 Data File : BG045422.D
 Acq On : 19 May 2020 11:27
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: May 19 12:12:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 12:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	81798	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	335781	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	240203	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	584171	20.00	ng	0.00
76) Chrysene-d12	21.62	240	551662	20.00	ng	0.00
87) Perylene-d12	24.77	264	598081	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	338711	80.92	ng	0.00
7) Phenol-d6	7.20	99	502756	84.39	ng	0.00
23) Nitrobenzene-d5	9.13	82	486810	79.06	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	240730	78.36	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1117691	78.93	ng	0.00
79) Terphenyl-d14	19.97	244	1877015	79.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	80500	38.785	ng	98
3) Pyridine	3.81	79	228785	39.578	ng	96
4) n-Nitrosodimethylamine	3.73	42	71452	37.774	ng	# 98
6) Aniline	7.30	93	313687	40.337	ng	97
8) 2-Chlorophenol	7.56	128	187112	40.765	ng	97
9) Benzaldehyde	7.10	77	157399	40.553	ng	94
10) Phenol	7.23	94	257521	41.943	ng	95
11) bis(2-Chloroethyl)ether	7.39	93	192877	40.275	ng	97
12) 1,3-Dichlorobenzene	7.86	146	222977	40.425	ng	97
13) 1,4-Dichlorobenzene	8.00	146	221055	40.610	ng	94
14) 1,2-Dichlorobenzene	8.33	146	211329	40.365	ng	99
15) Benzyl Alcohol	8.23	79	203323	41.315	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	192906	42.435	ng	97
17) 2-Methylphenol	8.46	107	189873	41.316	ng	94
18) Hexachloroethane	9.05	117	85421	40.973	ng	93
19) n-Nitroso-di-n-propylamine	8.78	70	176874	42.935	ng	97
20) 3+4-Methylphenols	8.80	107	262046	41.874	ng	# 58
22) Acetophenone	8.79	105	320492	40.271	ng	# 94
24) Nitrobenzene	9.17	77	255737	38.765	ng	99
25) Isophorone	9.69	82	497317	41.011	ng	99
26) 2-Nitrophenol	9.89	139	114194	40.463	ng	90
27) 2,4-Dimethylphenol	9.98	122	173344	41.413	ng	98
28) bis(2-Chloroethoxy)methane	10.18	93	259328	40.777	ng	96
29) 2,4-Dichlorophenol	10.46	162	199690	40.400	ng	96
30) 1,2,4-Trichlorobenzene	10.64	180	232133	39.744	ng	99
31) Naphthalene	10.83	128	626875	40.063	ng	99
32) Benzoic acid	10.17	122	141501	49.349	ng	93
33) 4-Chloroaniline	10.95	127	274148	41.915	ng	98
34) Hexachlorobutadiene	11.12	225	160950	38.984	ng	95
35) Caprolactam	11.71	113	76959	42.419	ng	89
36) 4-Chloro-3-methylphenol	12.11	107	232396	41.725	ng	96
37) 2-Methylnaphthalene	12.44	142	479102	41.081	ng	98
38) 1-Methylnaphthalene	12.65	142	451767	41.008	ng	90
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	260621	38.845	ng	100

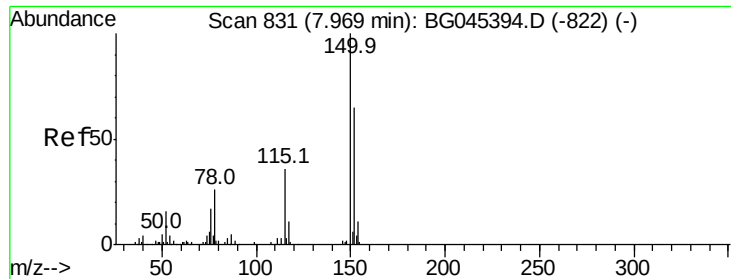
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	148167	38.262	ng	99
43) 2,4,6-Trichlorophenol	13.07	196	183870	39.452	ng	99
44) 2,4,5-Trichlorophenol	13.16	196	209790	39.390	ng	96
46) 1,1'-Biphenyl	13.44	154	592502	40.144	ng	98
47) 2-Chloronaphthalene	13.49	162	485676	40.523	ng	98
48) 2-Nitroaniline	13.70	65	160064	40.600	ng	91
49) Acenaphthylene	14.33	152	778551	40.442	ng	99
50) Dimethylphthalate	14.07	163	664823	40.347	ng	100
51) 2,6-Dinitrotoluene	14.19	165	149037	40.083	ng	91
52) Acenaphthene	14.68	154	467320	36.265	ng	99
53) 3-Nitroaniline	14.53	138	159309	42.148	ng	91
54) 2,4-Dinitrophenol	14.73	184	74257	33.866	ng	96
55) Dibenzofuran	15.01	168	767125	40.087	ng	98
56) 4-Nitrophenol	14.90	139	115574	40.388	ng	96
57) 2,4-Dinitrotoluene	14.97	165	224031	41.603	ng	92
58) Fluorene	15.66	166	637176	40.529	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	183535	39.170	ng	98
60) Diethylphthalate	15.43	149	683585	39.858	ng	99
61) 4-Chlorophenyl-phenylether	15.65	204	363223	40.374	ng	98
62) 4-Nitroaniline	15.70	138	167519	42.454	ng	91
63) Azobenzene	15.94	77	639233	39.972	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	125645	36.931	ng	97
66) n-Nitrosodiphenylamine	15.87	169	562676	40.117	ng	98
67) 4-Bromophenyl-phenylether	16.55	248	251291	39.726	ng	98
68) Hexachlorobenzene	16.67	284	264439	39.969	ng	100
69) Atrazine	16.82	200	227891	39.447	ng	100
70) Pentachlorophenol	17.03	266	163493	47.592	ng	99
71) Phenanthrene	17.40	178	1023452	40.132	ng	99
72) Anthracene	17.50	178	1037583	40.514	ng	98
73) Carbazole	17.77	167	1014199	40.627	ng	98
74) Di-n-butylphthalate	18.32	149	1200388	40.062	ng	98
75) Fluoranthene	19.41	202	1272845	39.240	ng	99
77) Benzidine	19.59	184	609536	39.341	ng	98
78) Pyrene	19.77	202	1287299	40.935	ng	99
80) Butylbenzylphthalate	20.66	149	554261	40.834	ng	100
81) Benzo(a)anthracene	21.60	228	1218335	39.645	ng	98
82) 3,3'-Dichlorobenzidine	21.52	252	468518	38.866	ng	98
83) Chrysene	21.67	228	1172275	39.672	ng	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	750056	40.199	ng	98
85) Di-n-octyl phthalate	22.71	149	1263287	39.420	ng	100
86) Indeno(1,2,3-cd)pyrene	28.36	276	1478599	38.265	ng	# 97
88) Benzo(b)fluoranthene	23.77	252	1282227	39.975	ng	98
89) Benzo(k)fluoranthene	23.85	252	1233527	40.934	ng	99
90) Benzo(a)pyrene	24.63	252	1190692	39.858	ng	# 98
91) Dibenzo(a,h)anthracene	28.42	278	1182205	39.381	ng	99
92) Benzo(g,h,i)perylene	29.48	276	1180967	39.335	ng	97

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

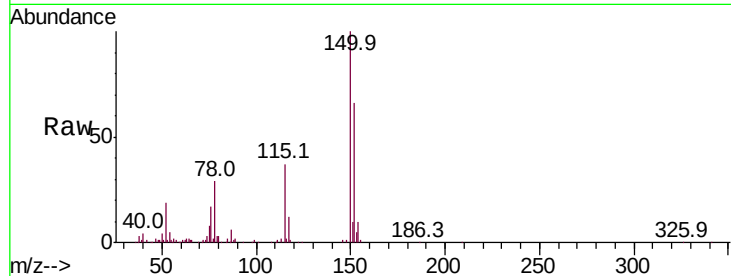


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	122.4	183.6
115	55.3	44.2	66.4

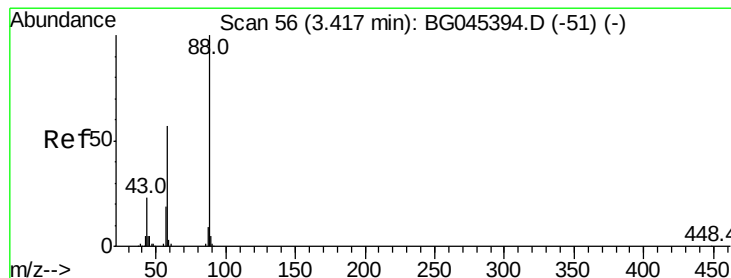
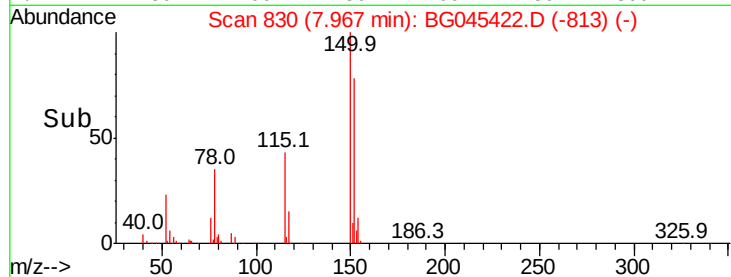
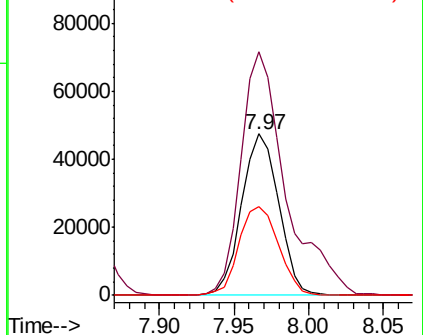


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

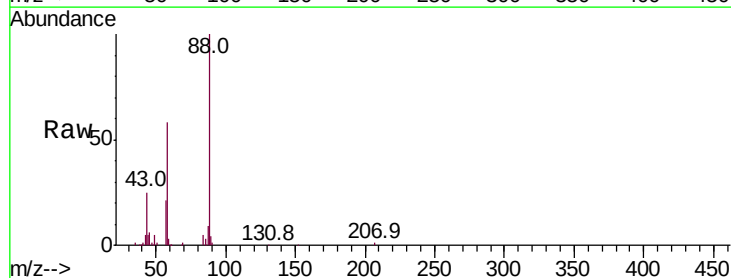
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.785 ng
RT: 3.41 min Scan# 55
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.3	45.7	68.5
43	22.7	16.8	25.2

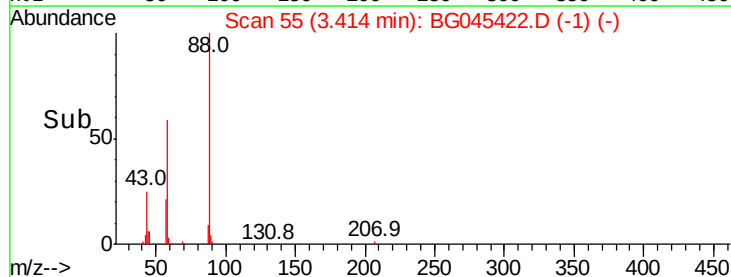
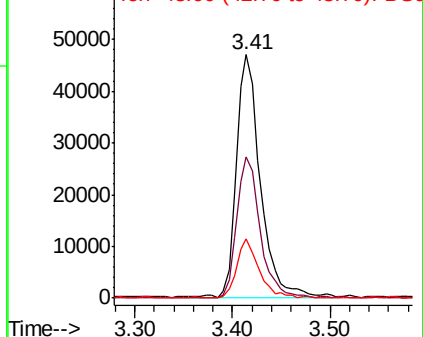


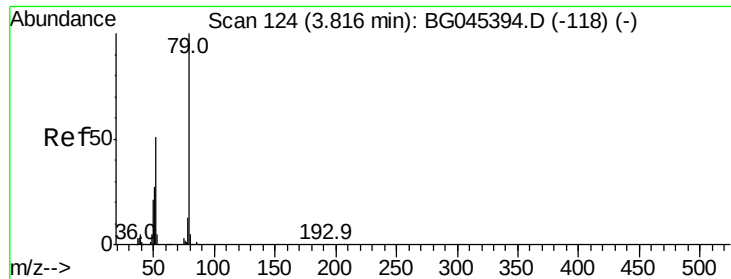
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.578 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

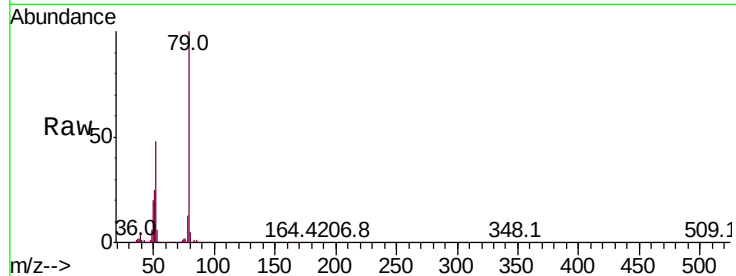
Tot Ion: 79 Resp: 228785

Ion Ratio Lower Upper

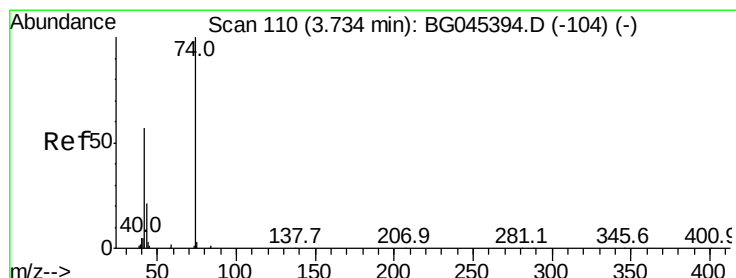
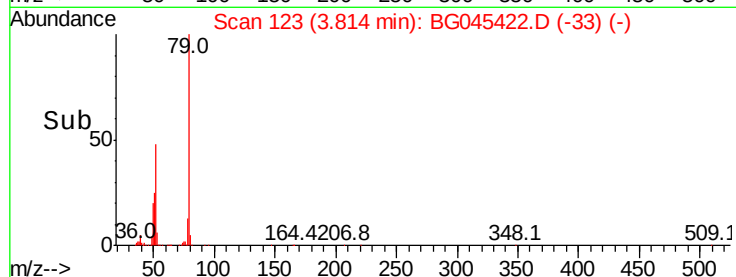
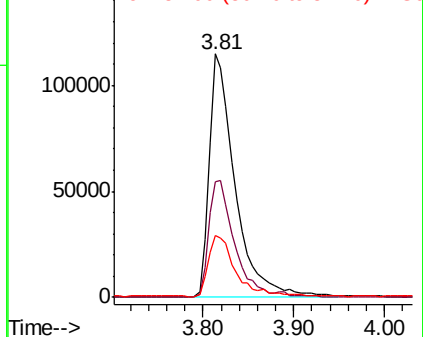
79 100

52 47.7 40.8 61.2

51 25.4 21.9 32.9



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



#4

n-Nitrosodimethylamine

Concen: 37.774 ng

RT: 3.73 min Scan# 109

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

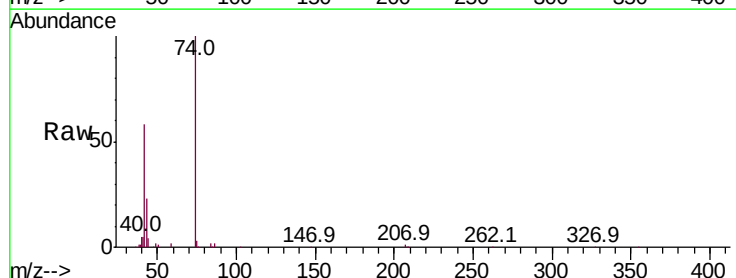
Tgt Ion: 42 Resp: 71452

Ion Ratio Lower Upper

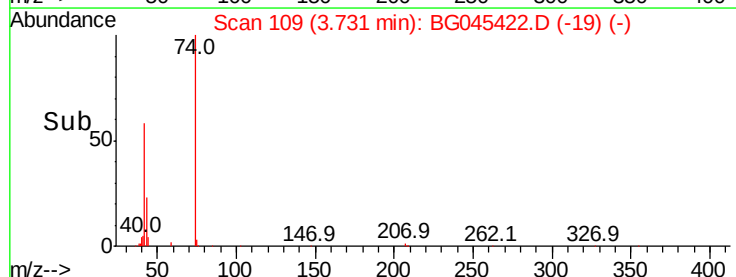
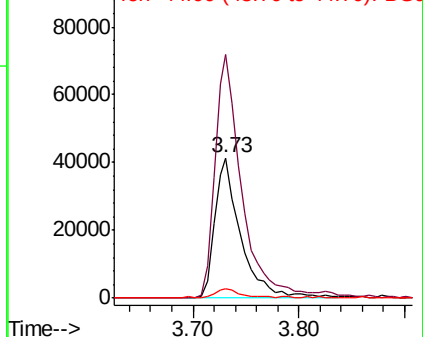
42 100

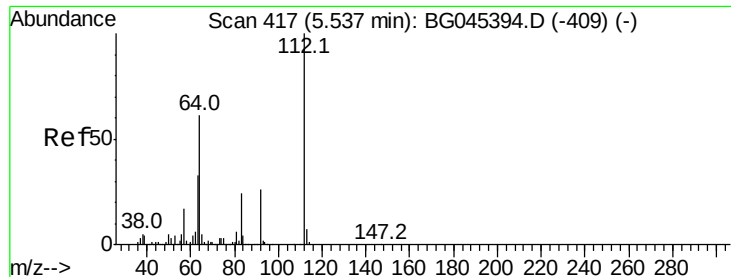
74 173.6 141.3 211.9

44 6.9 4.2 6.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 80.924 ng

RT: 5.58 min Scan# 423

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

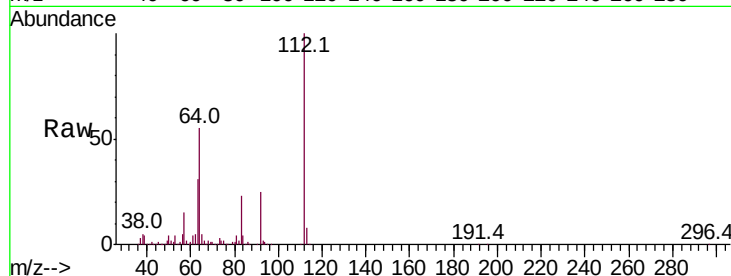
Tot Ion:112 Resp: 338711

Ion Ratio Lower Upper

112 100

64 54.6 48.6 72.8

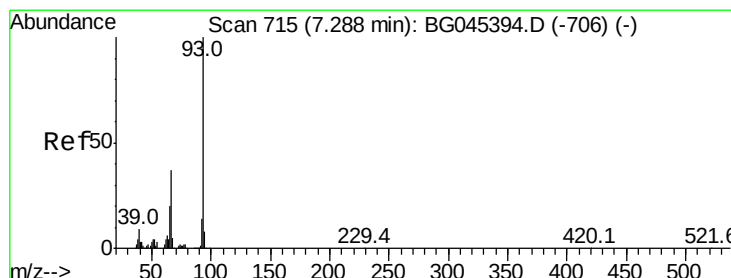
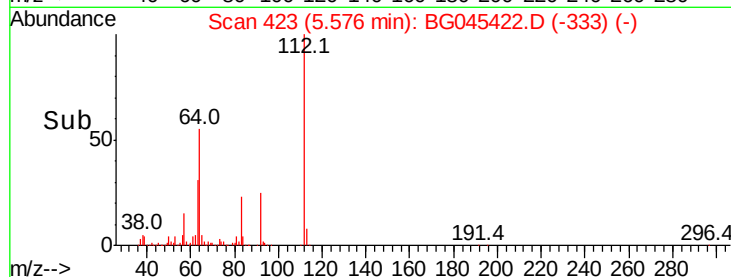
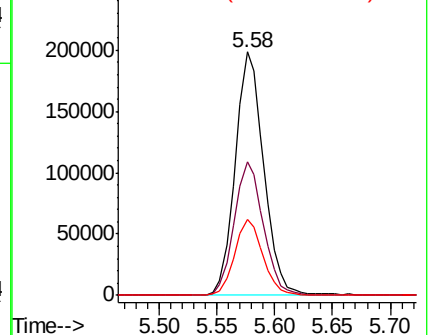
63 31.4 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.337 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

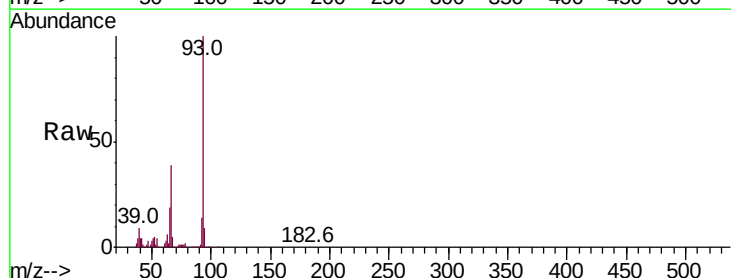
Tgt Ion: 93 Resp: 313687

Ion Ratio Lower Upper

93 100

66 39.4 29.6 44.4

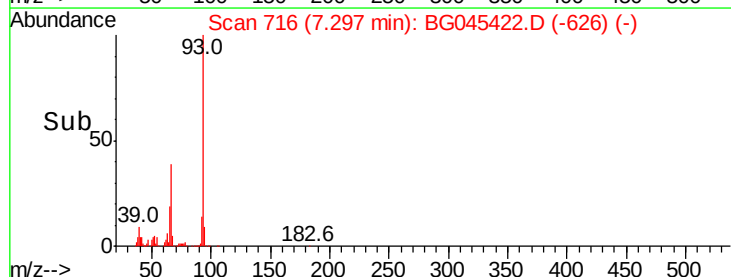
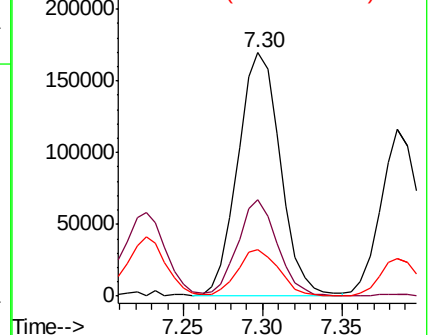
65 19.0 15.9 23.9

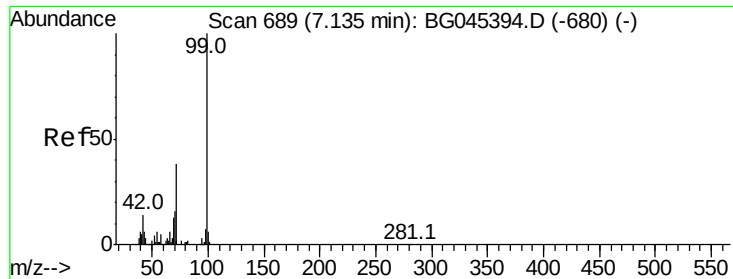


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 84.393 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

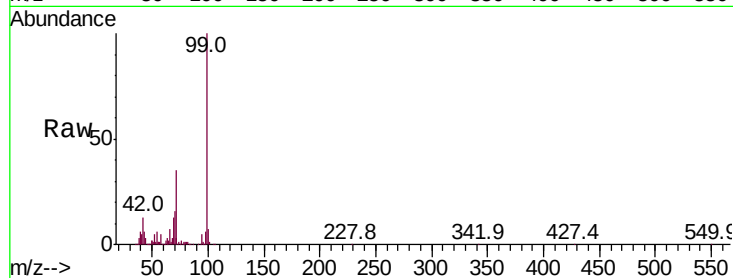
Tot Ion: 99 Resp: 502756

Ion Ratio Lower Upper

99 100

42 12.9 11.3 16.9

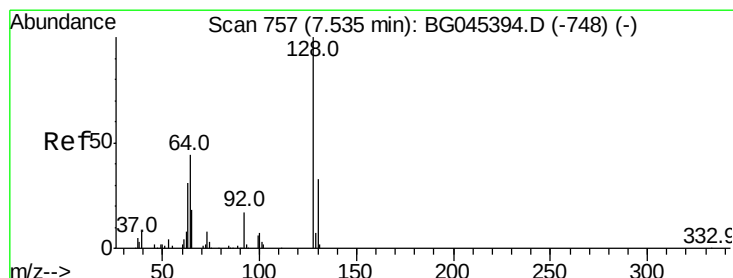
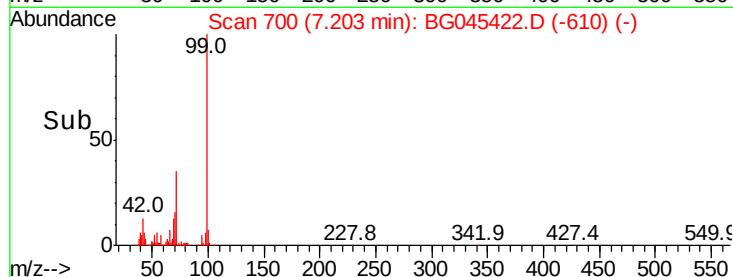
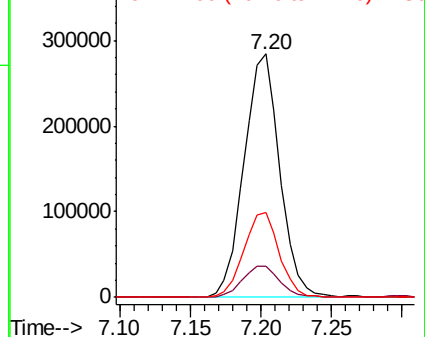
71 34.8 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.765 ng

RT: 7.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

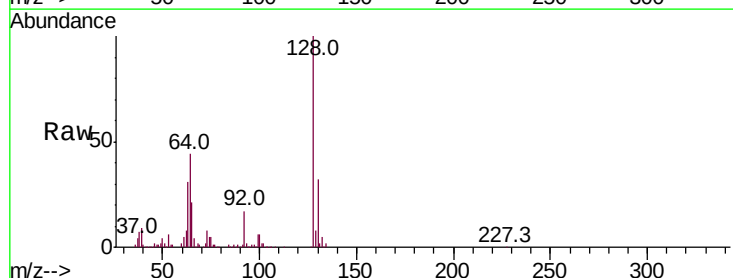
Tgt Ion: 128 Resp: 187112

Ion Ratio Lower Upper

128 100

130 32.2 12.6 52.6

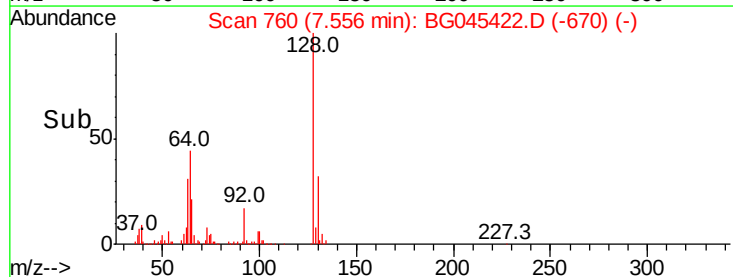
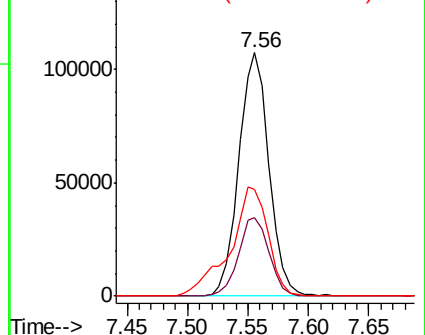
64 43.8 27.0 67.0

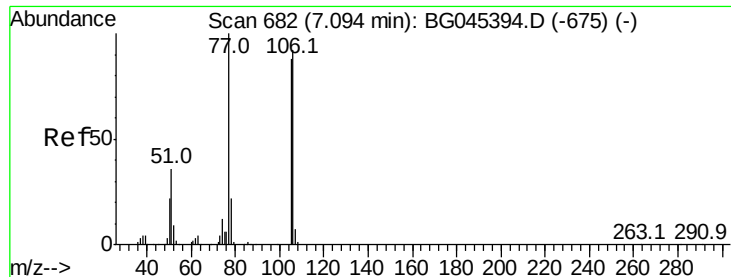


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 40.553 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

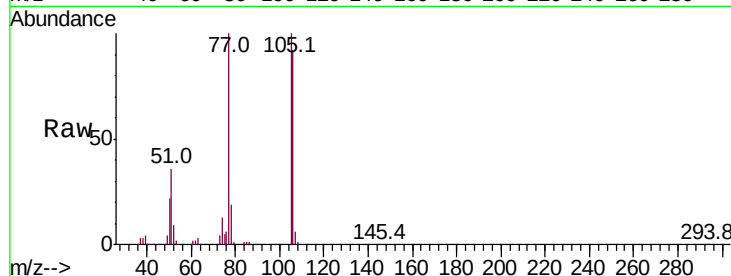
Tot Ion: 77 Resp: 157399

Ion Ratio Lower Upper

77 100

105 99.5 68.5 108.5

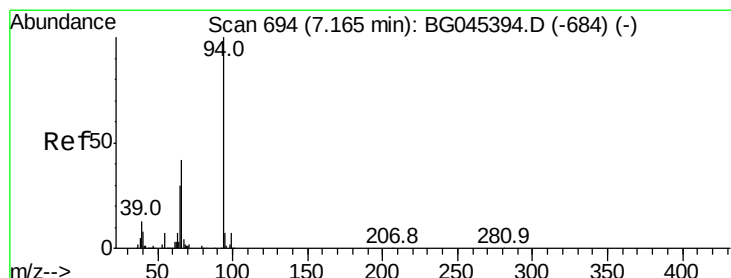
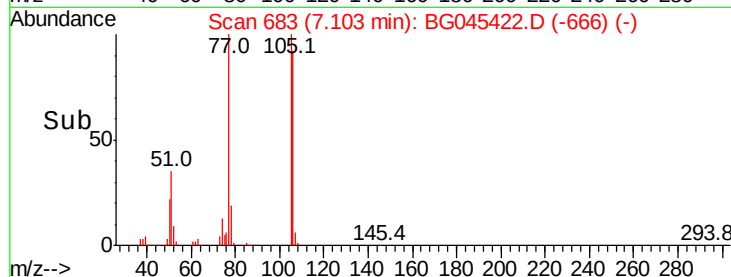
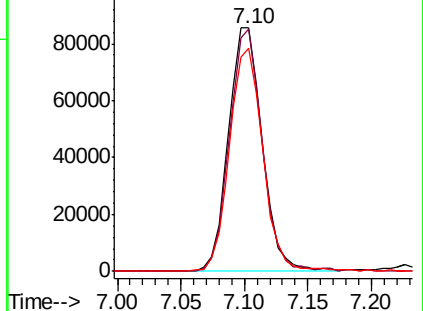
106 91.5 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.943 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

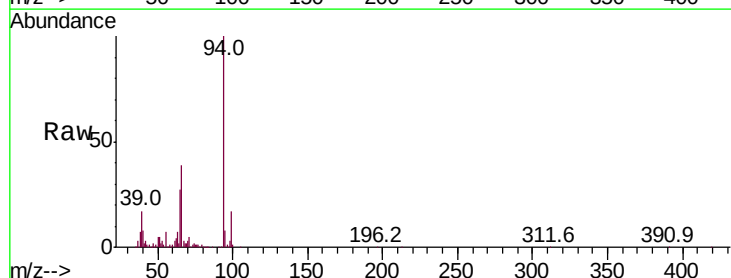
Tgt Ion: 94 Resp: 257521

Ion Ratio Lower Upper

94 100

65 27.4 9.8 49.8

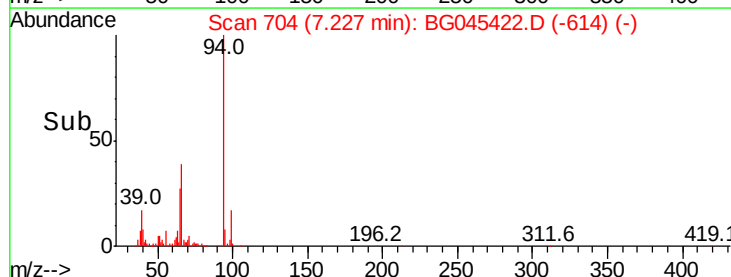
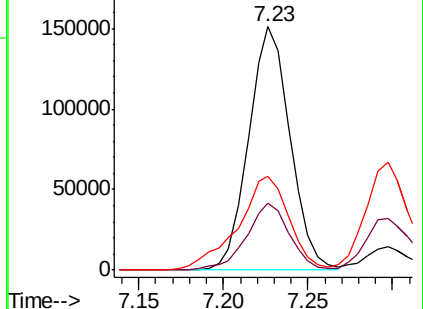
66 38.7 22.0 62.0

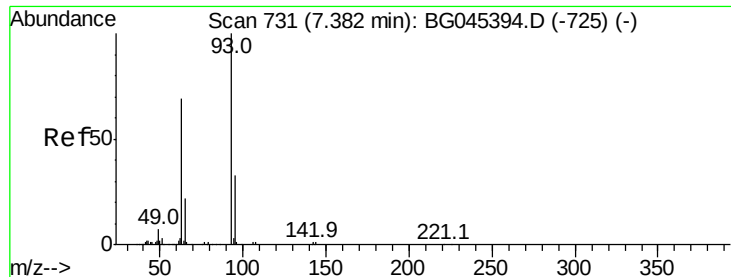


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

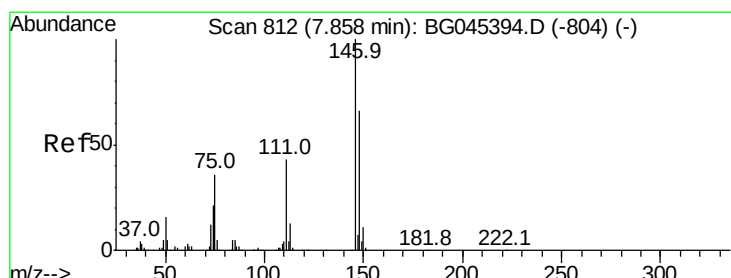
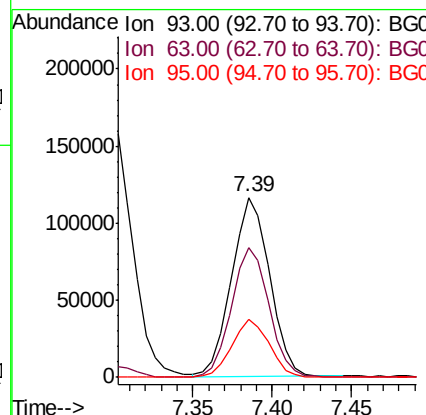
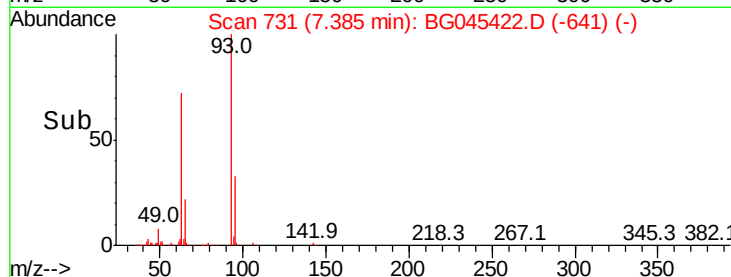
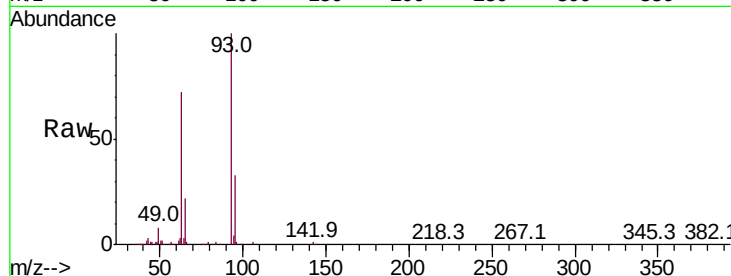




#11
bis(2-Chloroethyl)ether
Concen: 40.275 ng
RT: 7.39 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

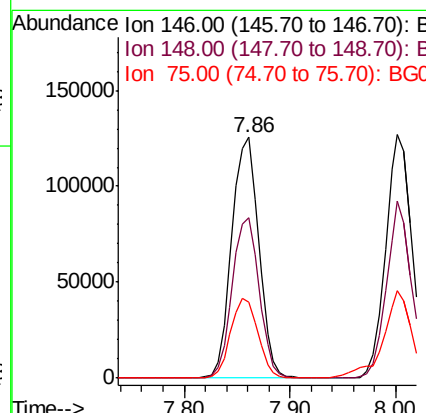
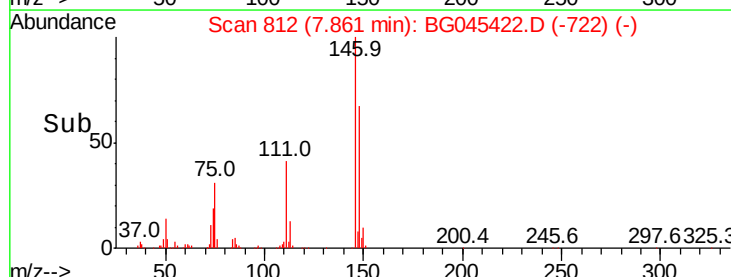
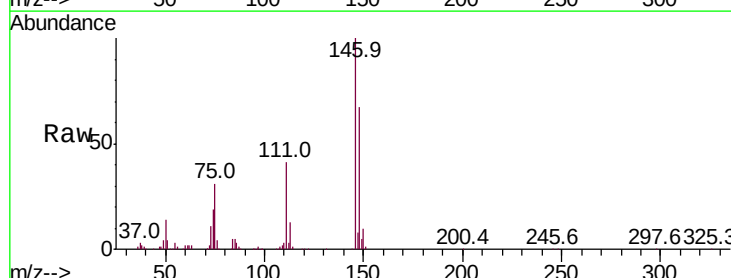
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

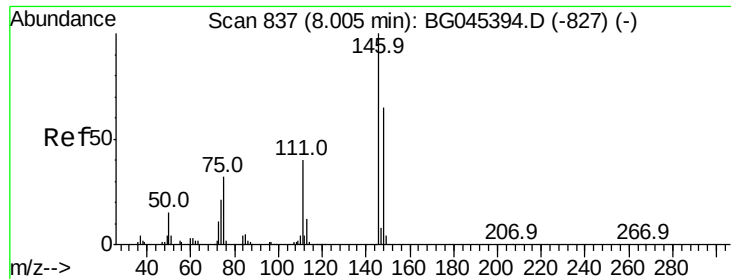
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.4	48.4	88.4
95	32.5	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 40.425 ng
RT: 7.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	53.2	79.8
75	31.5	28.6	43.0

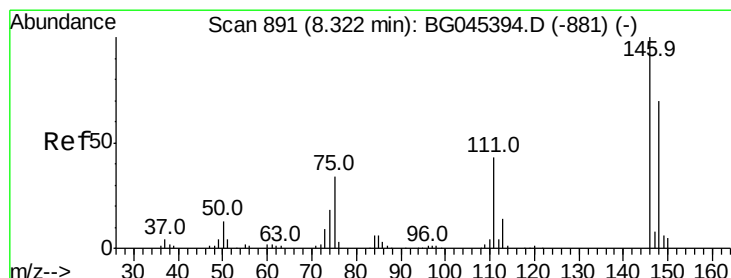
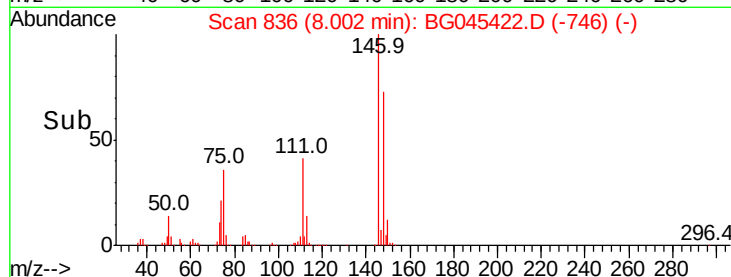
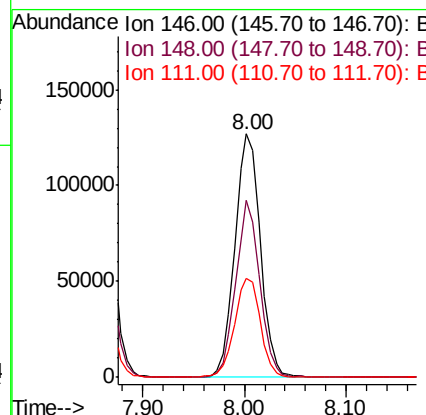
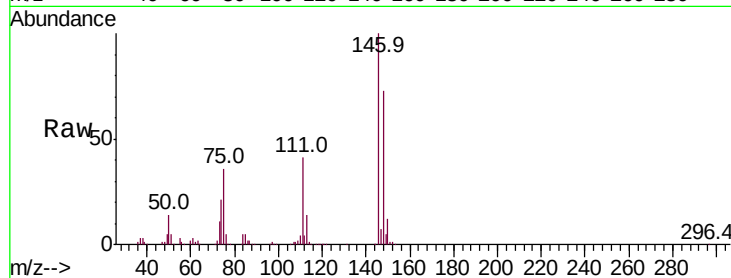




#13
 1,4-Dichlorobenzene
 Concen: 40.610 ng
 RT: 8.00 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BG045422.D
 Acq: 19 May 2020 11:27

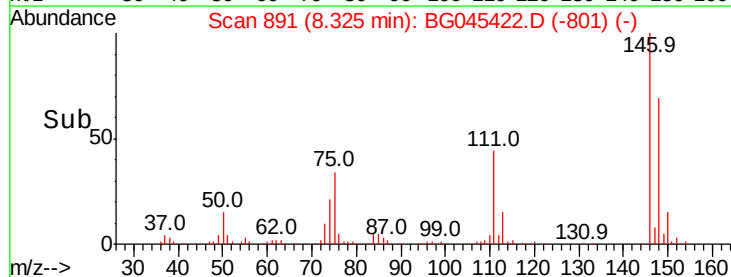
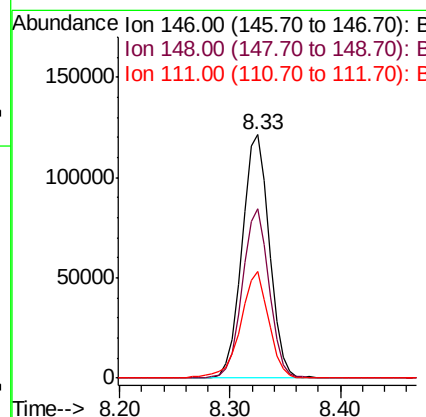
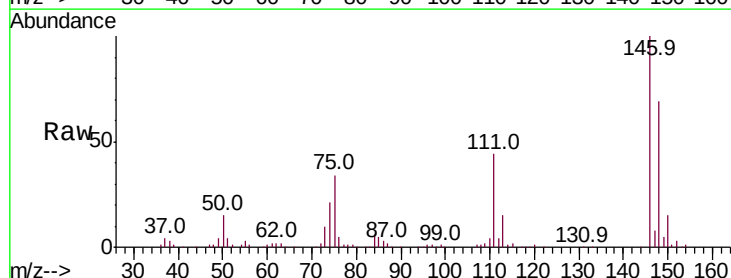
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

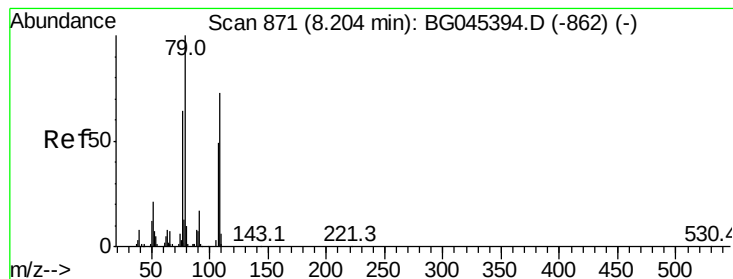
Tot Ion	Ratio	Lower	Upper
146	100		
148	72.6	51.8	77.8
111	40.5	32.1	48.1



#14
 1,2-Dichlorobenzene
 Concen: 40.365 ng
 RT: 8.33 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BG045422.D
 Acq: 19 May 2020 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.3	55.9	83.9
111	43.9	35.0	52.4





#15

Benzyl Alcohol

Concen: 41.315 ng

RT: 8.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

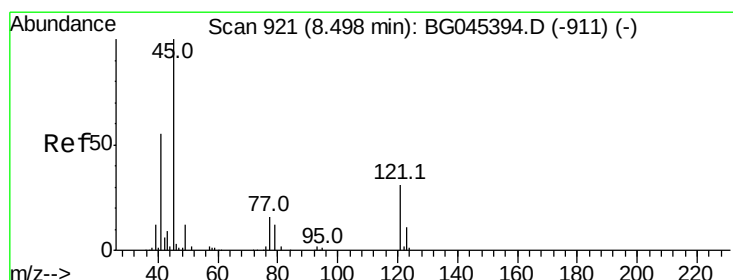
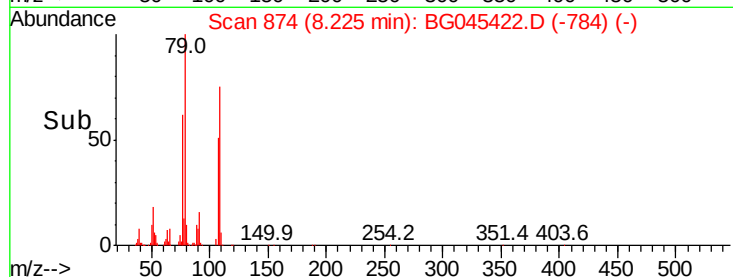
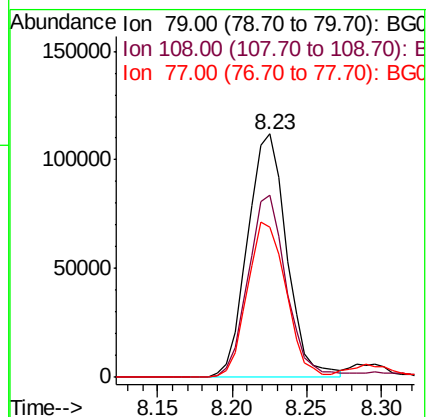
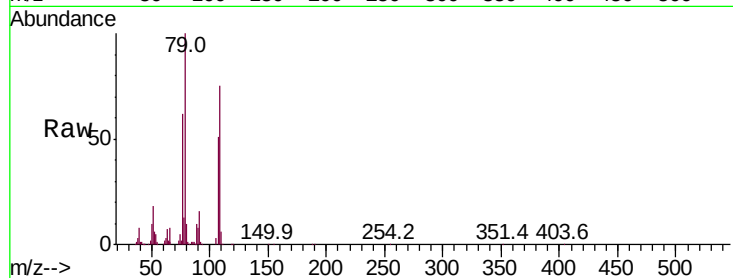
Tot Ion: 79 Resp: 203323

Ion Ratio Lower Upper

79 100

108 74.9 58.2 87.4

77 61.8 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.435 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

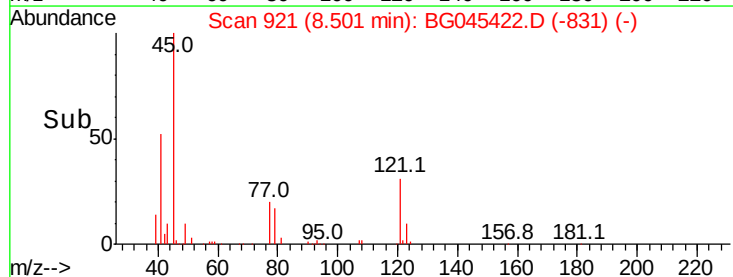
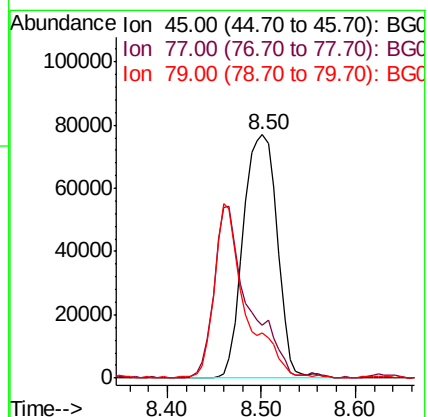
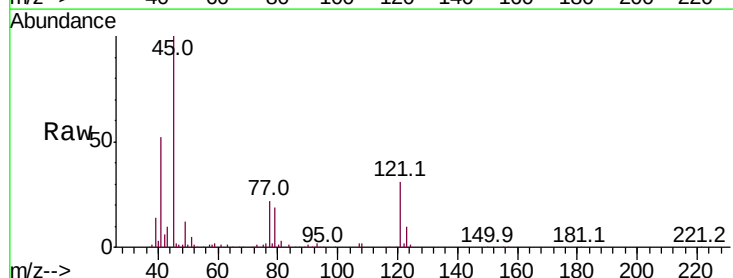
Tgt Ion: 45 Resp: 192906

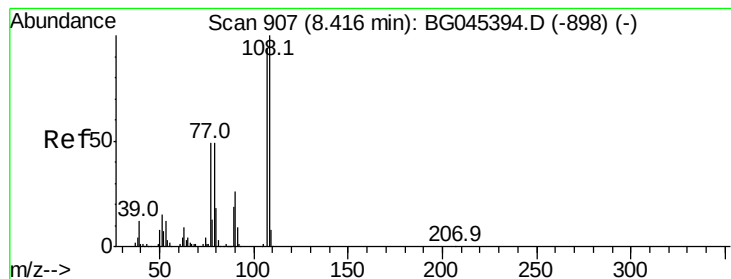
Ion Ratio Lower Upper

45 100

77 21.8 4.0 44.0

79 18.8 0.0 38.6





#17

2-Methylphenol

Concen: 41.316 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 189873

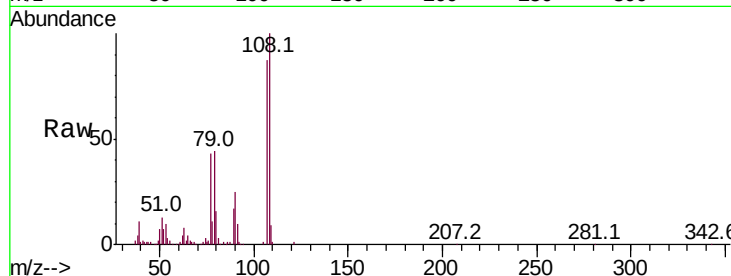
Ion Ratio Lower Upper

107 100

108 115.3 85.2 127.8

77 49.7 41.6 62.4

79 50.7 41.8 62.8



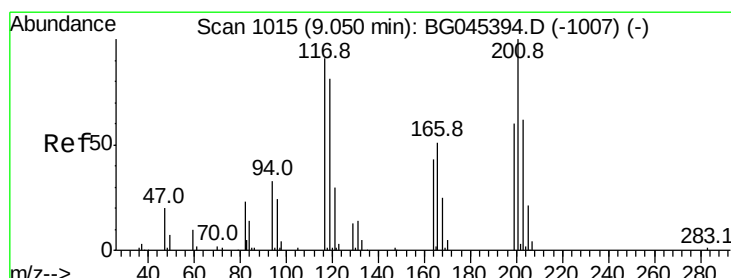
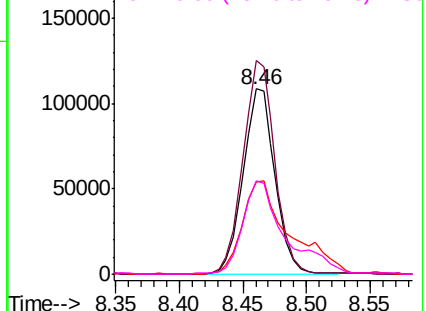
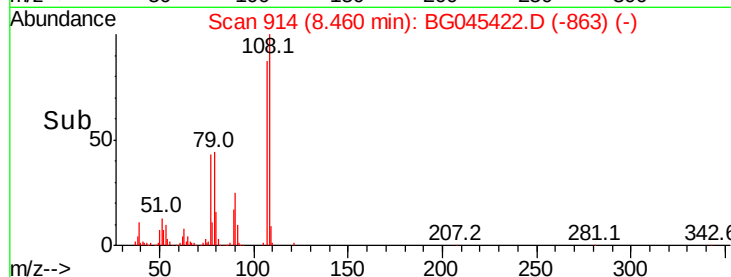
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.973 ng

RT: 9.05 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

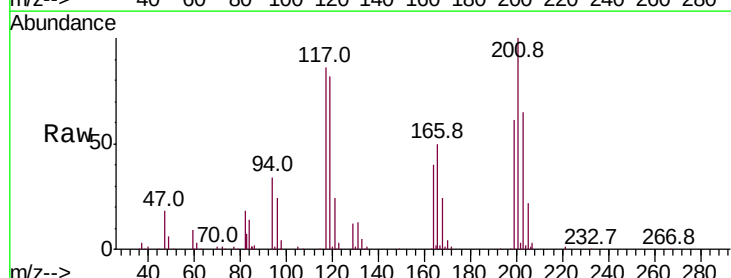
Tgt Ion:117 Resp: 85421

Ion Ratio Lower Upper

117 100

119 95.6 71.3 106.9

201 116.5 87.5 131.3

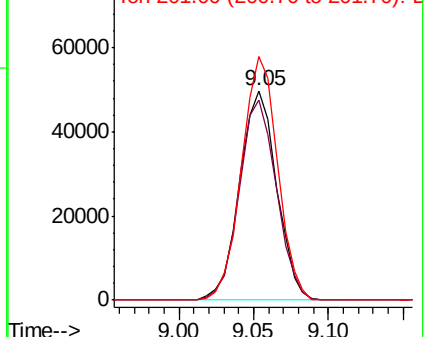
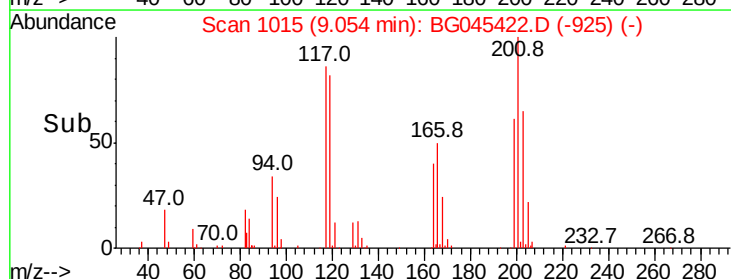


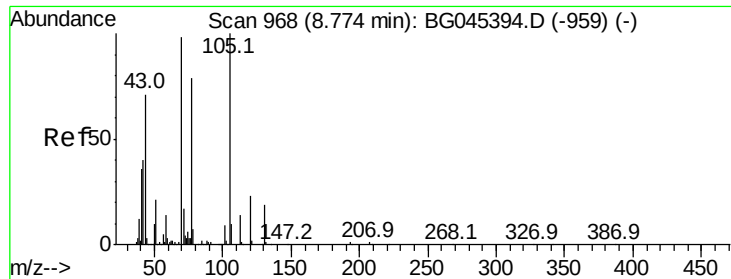
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.935 ng

RT: 8.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 176874

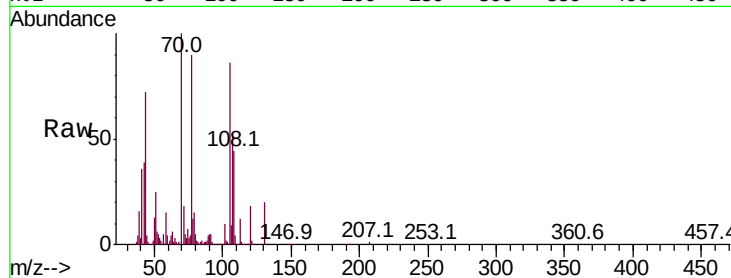
Ion Ratio Lower Upper

70 100

42 39.2 33.2 49.8

101 9.6 7.8 11.6

130 20.1 15.4 23.2

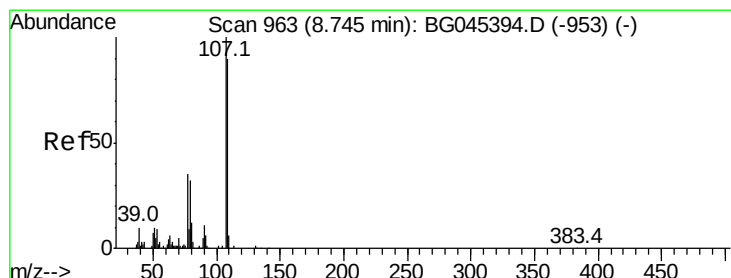
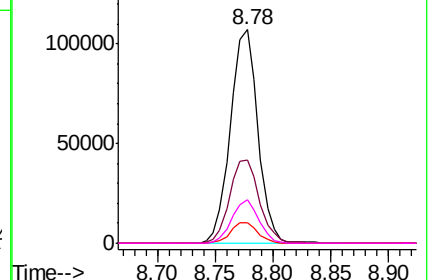
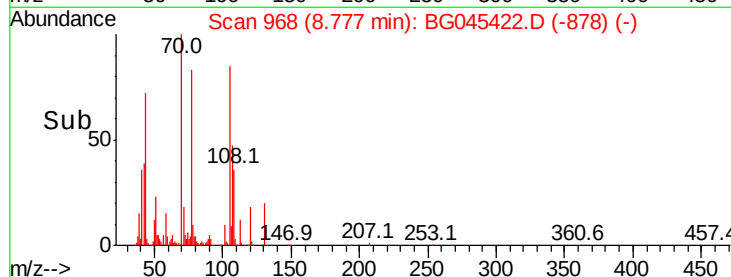


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 41.874 ng

RT: 8.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Tgt Ion: 107 Resp: 262046

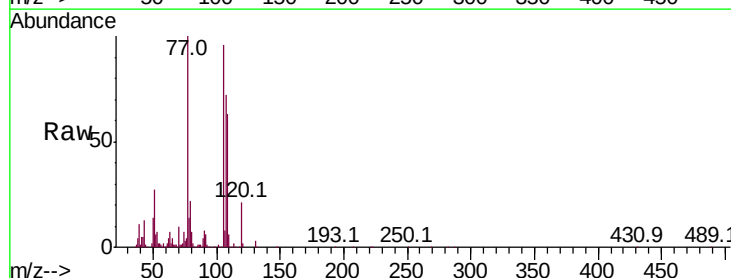
Ion Ratio Lower Upper

107 100

108 87.9 70.3 110.3

77 139.8 15.4 55.4#

79 30.8 12.6 52.6

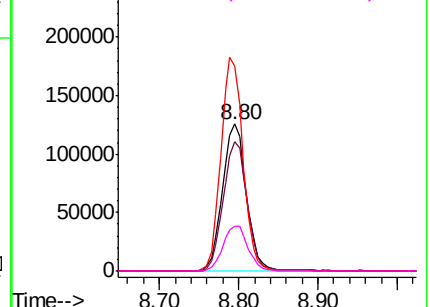
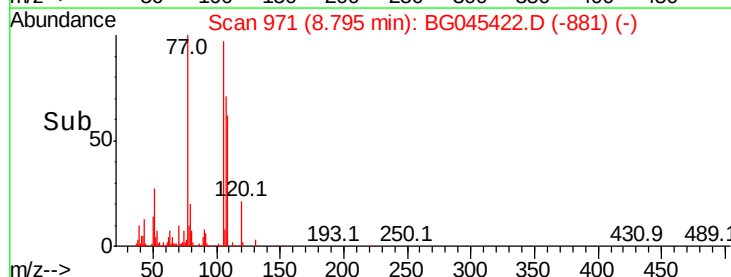


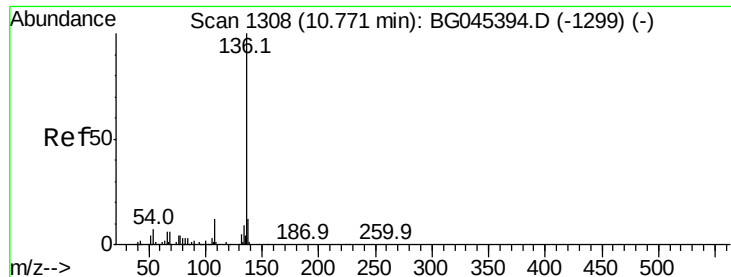
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

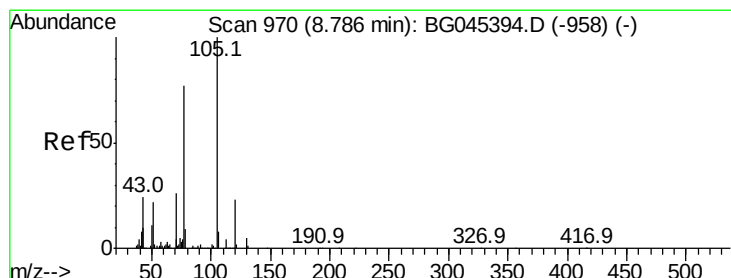
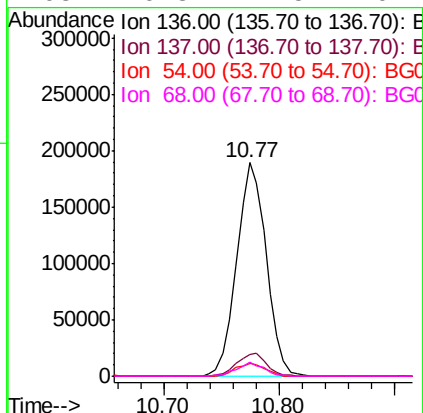
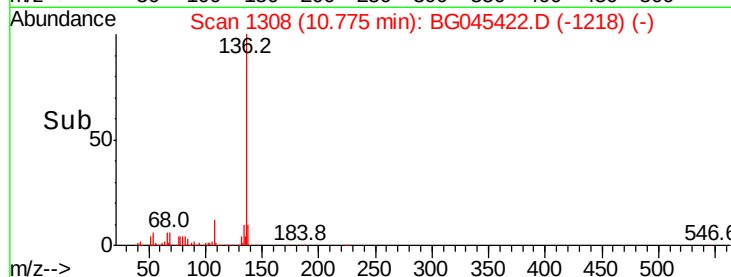
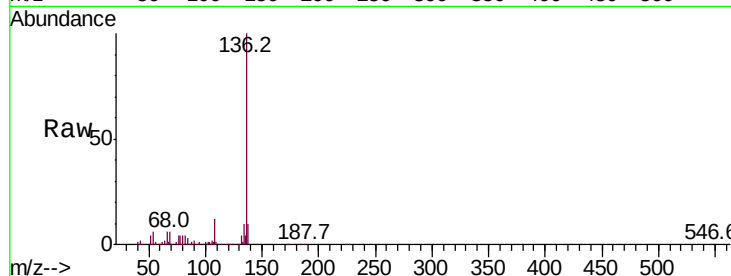




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

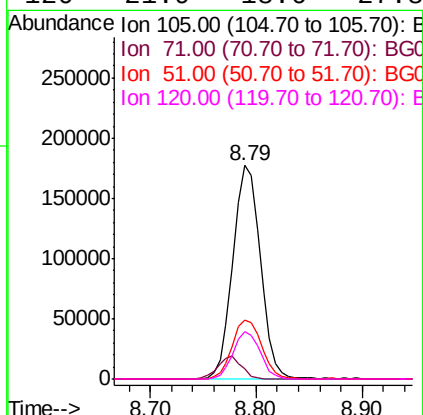
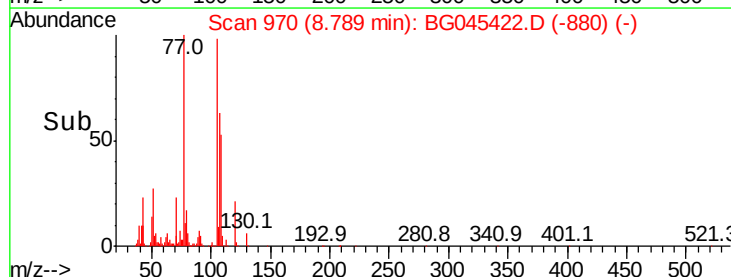
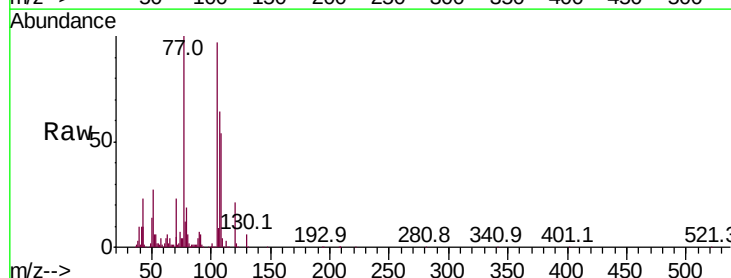
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

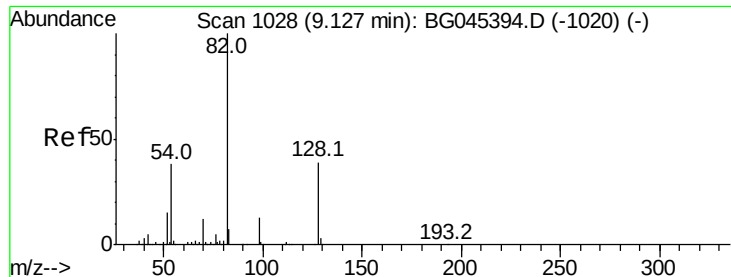
Tot Ion:136	Resp:	335781
Ion Ratio	Lower	Upper
136 100		
137 10.4	9.4	14.2
54 6.1	5.8	8.6
68 6.3	4.5	6.7



#22
Acetophenone
Concen: 40.271 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

Tgt Ion:105	Resp:	320492
Ion Ratio	Lower	Upper
105 100		
71 4.7	3.4	5.0
51 27.6	18.2	27.2
120 21.9	18.6	27.8

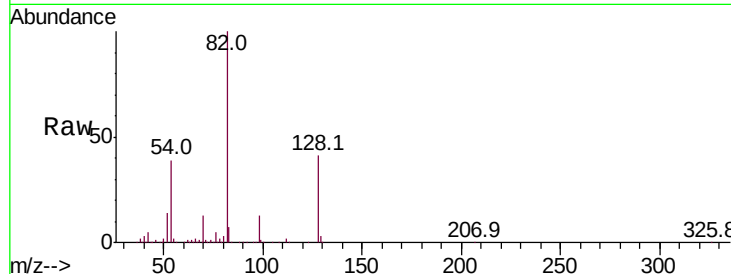




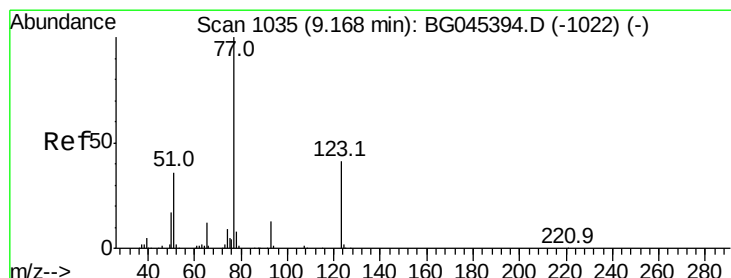
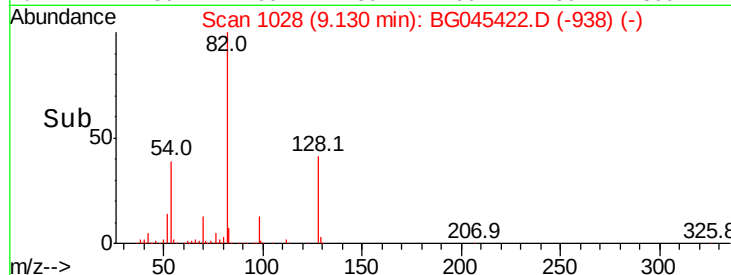
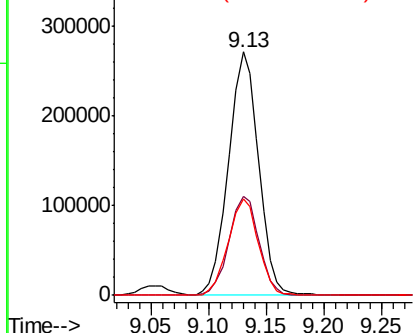
#23
 Nitrobenzene-d5
 Concen: 79.059 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG045422.D
 Acq: 19 May 2020 11:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	486810
Ion Ratio	Lower	Upper	
82	100		
128	40.5	30.9	46.3
54	39.4	30.3	45.5

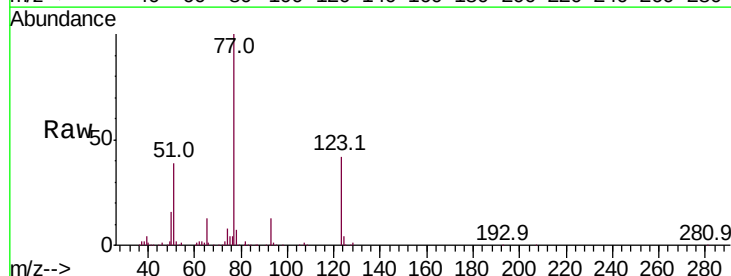


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

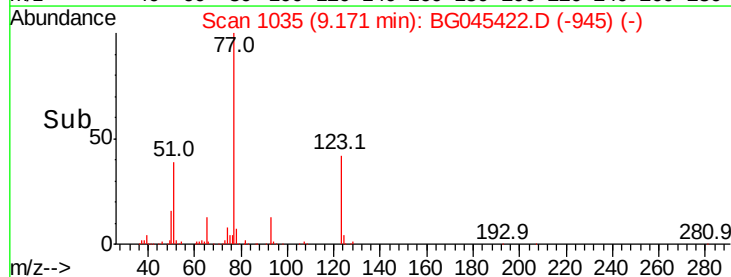
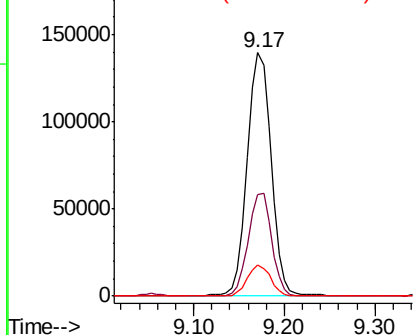


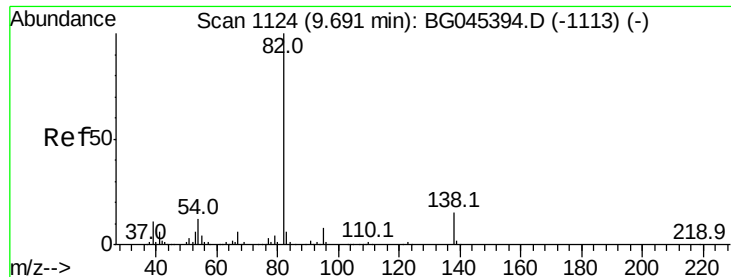
#24
 Nitrobenzene
 Concen: 38.765 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BG045422.D
 Acq: 19 May 2020 11:27

Tgt Ion	77	Resp	255737
Ion Ratio	Lower	Upper	
77	100		
123	41.8	32.9	49.3
65	12.9	9.4	14.2



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





#25

Isophorone

Concen: 41.011 ng

RT: 9.69 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

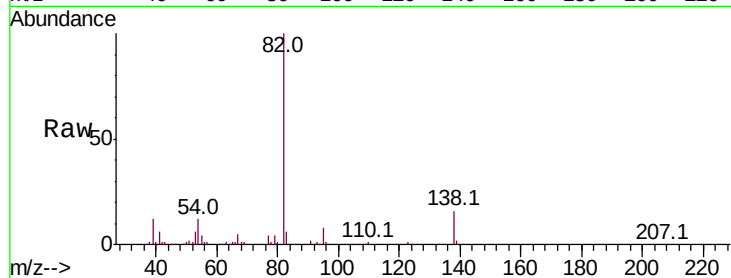
Tot Ion: 82 Resp: 497317

Ion Ratio Lower Upper

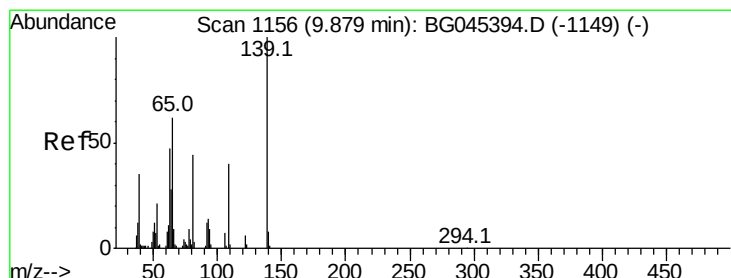
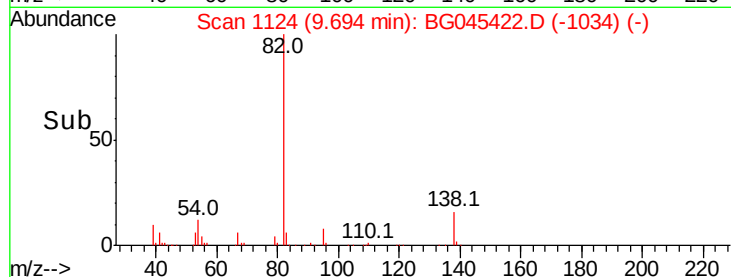
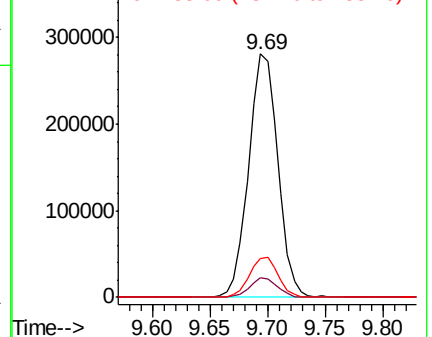
82 100

95 8.2 6.7 10.1

138 15.9 12.2 18.4



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



#26

2-Nitrophenol

Concen: 40.463 ng

RT: 9.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

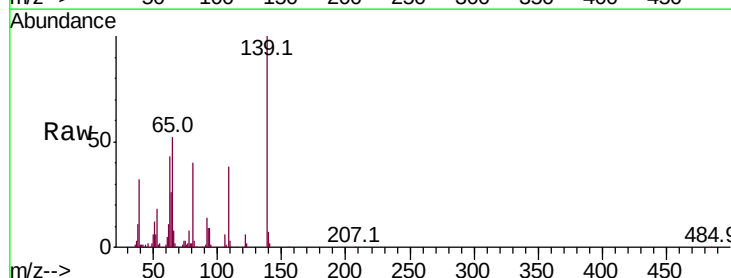
Tgt Ion:139 Resp: 114194

Ion Ratio Lower Upper

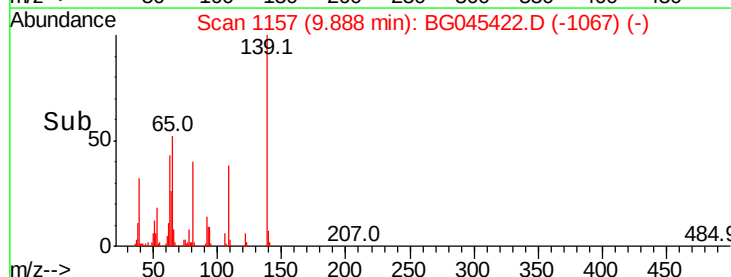
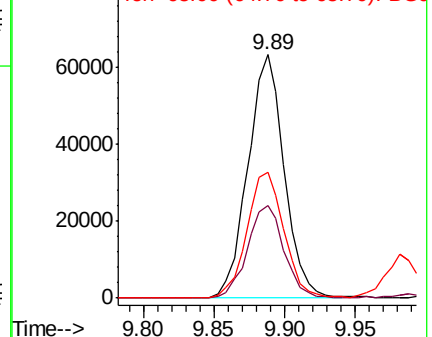
139 100

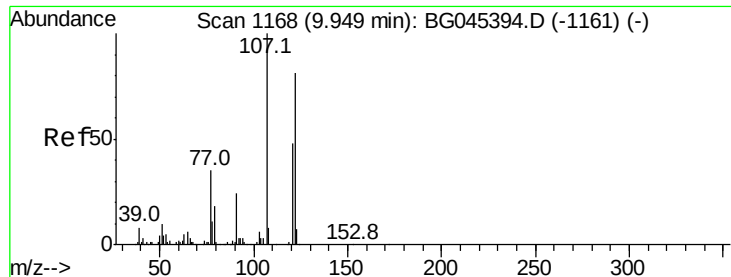
109 38.0 32.2 48.4

65 51.8 49.6 74.4



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

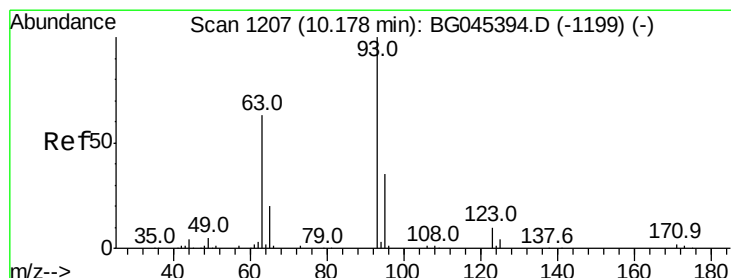
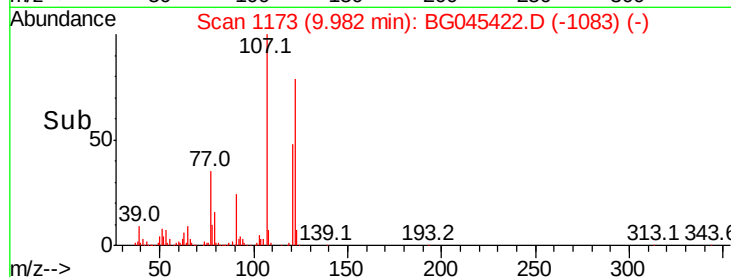
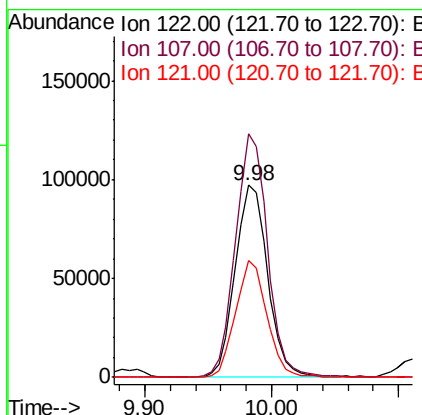
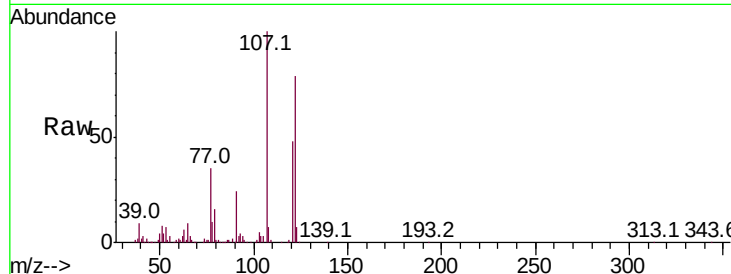




#27
2,4-Dimethylphenol
Concen: 41.413 ng
RT: 9.98 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

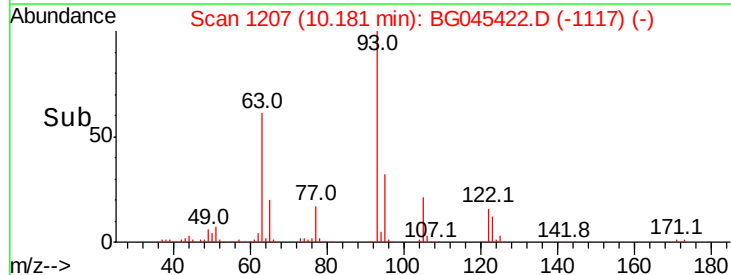
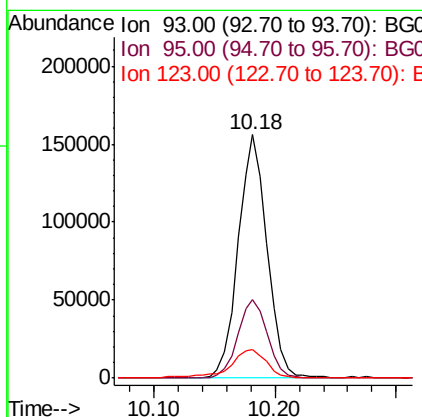
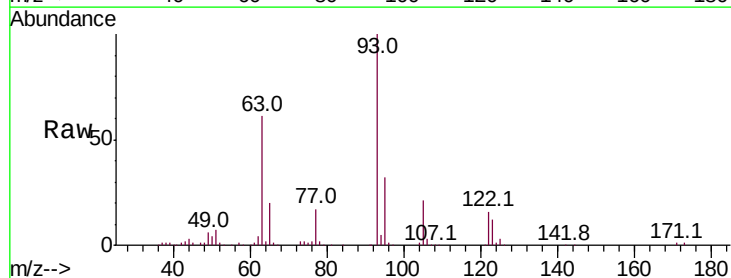
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

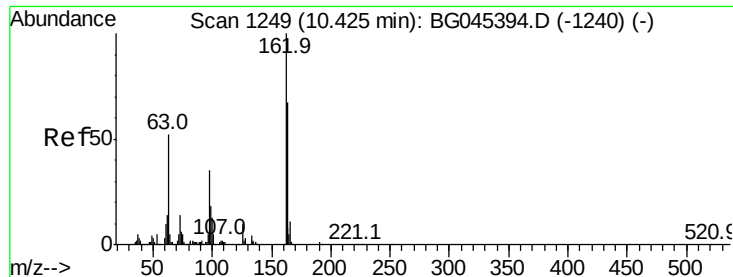
Tot Ion	Ratio	Lower	Upper
122	100		
107	126.9	99.0	148.4
121	60.6	47.7	71.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.777 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	27.6	41.4
123	11.6	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 40.400 ng

RT: 10.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

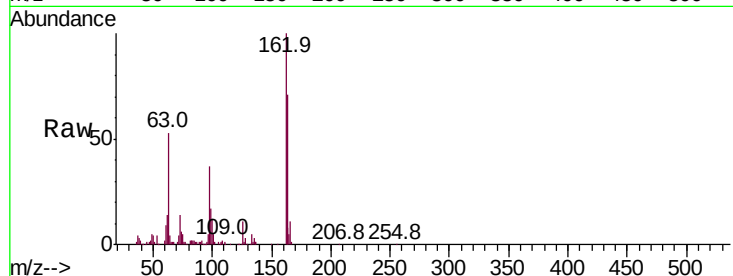
Tot Ion:162 Resp: 199690

Ion Ratio Lower Upper

162 100

164 70.7 46.8 86.8

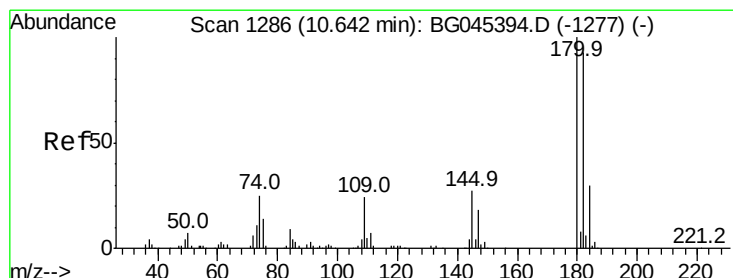
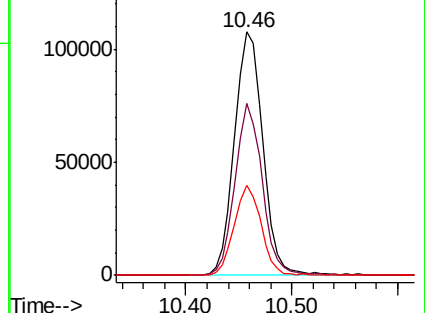
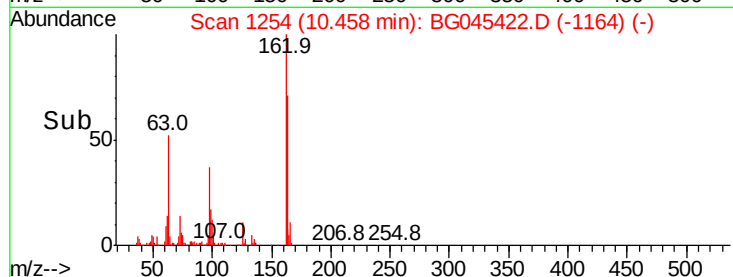
98 37.0 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 39.744 ng

RT: 10.64 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

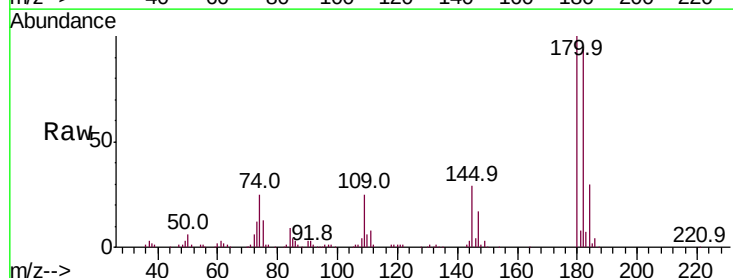
Tgt Ion:180 Resp: 232133

Ion Ratio Lower Upper

180 100

182 94.4 74.8 112.2

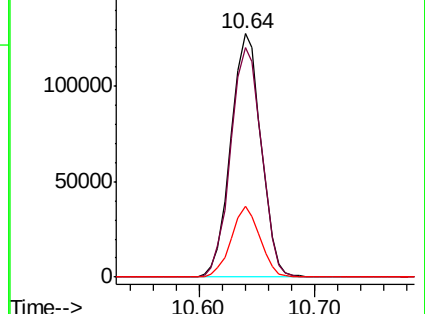
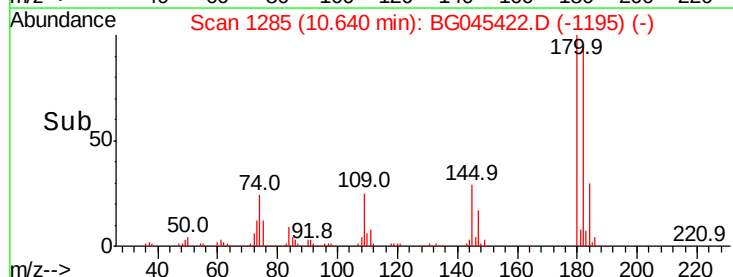
145 28.9 21.9 32.9

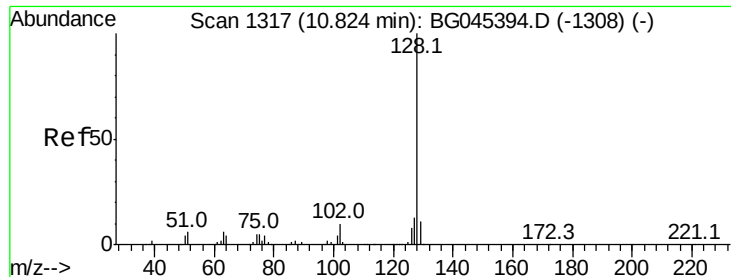


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

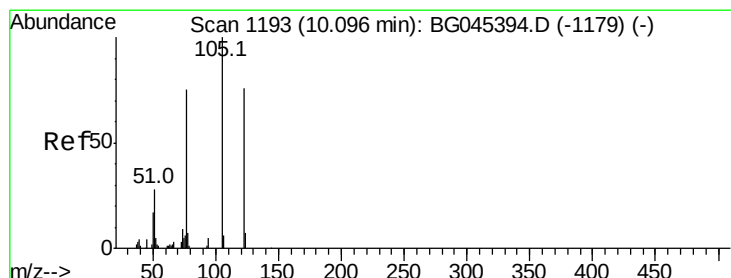
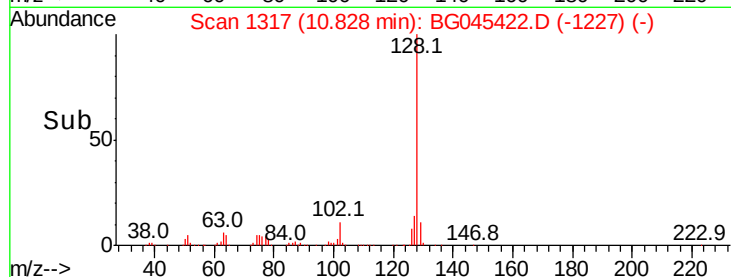
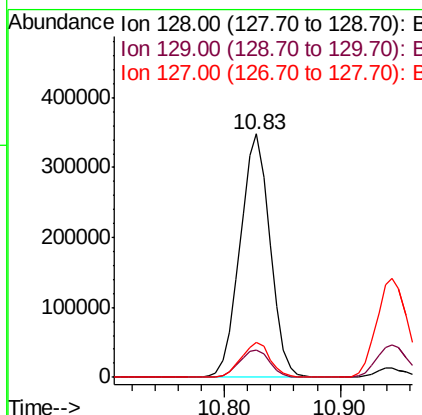
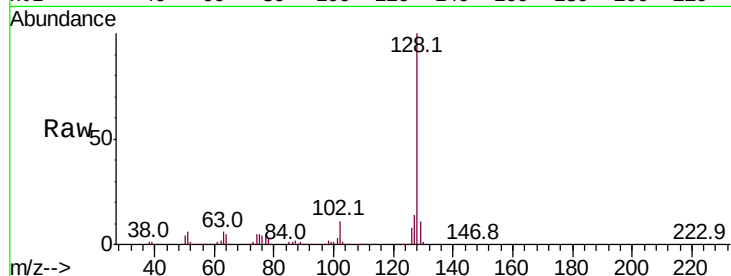




#31
Naphthalene
Concen: 40.063 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

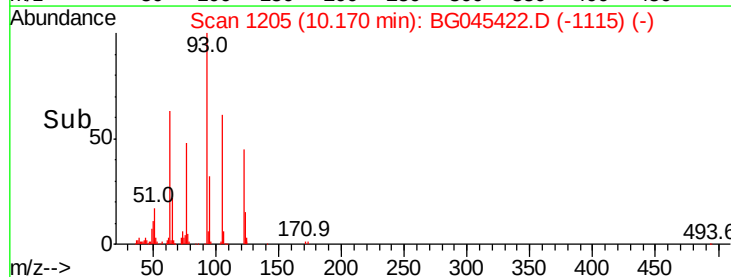
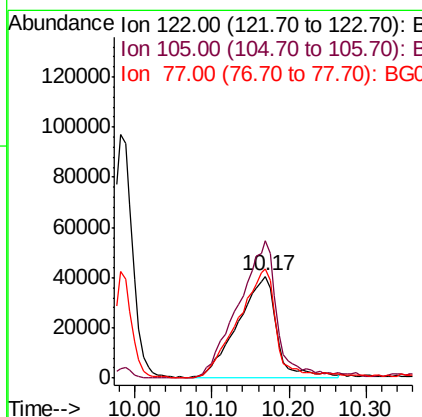
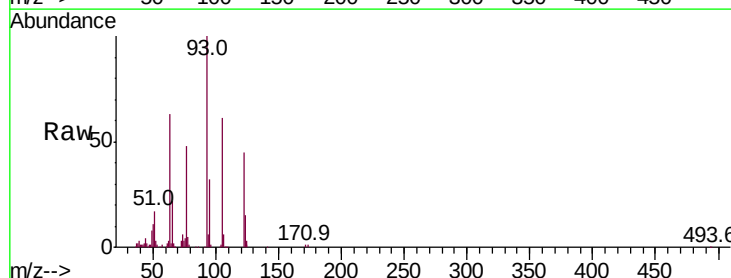
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

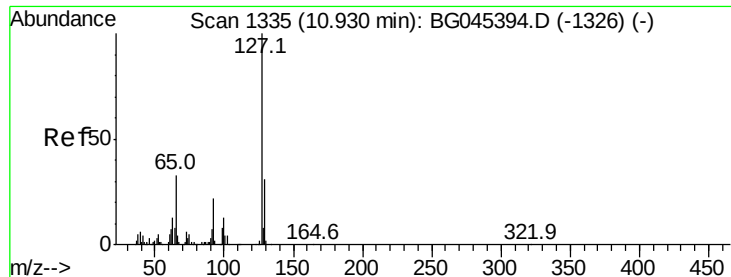
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	14.2	10.7	16.1



#32
Benzoic acid
Concen: 49.349 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.7	107.9	147.9
77	106.3	78.9	118.9

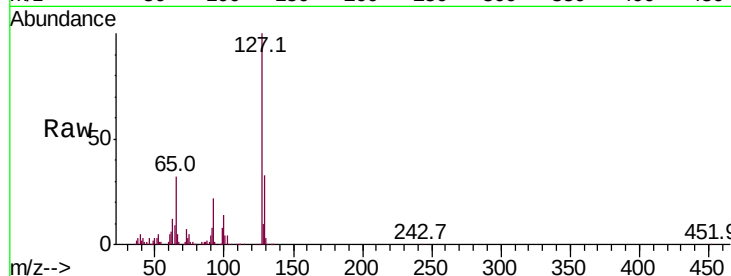




#33
4-Chloroaniline
Concen: 41.915 ng
RT: 10.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	24.7	37.1
65	31.9	26.2	39.2
92	21.5	17.9	26.9



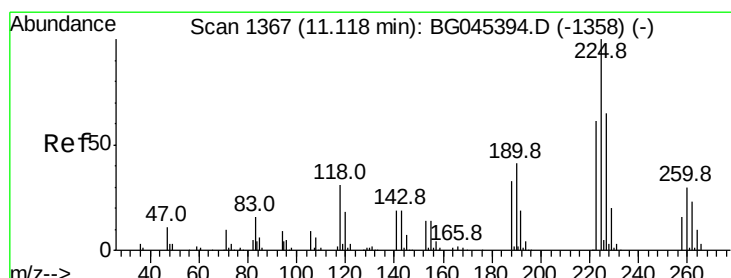
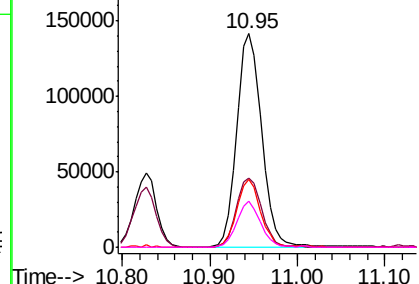
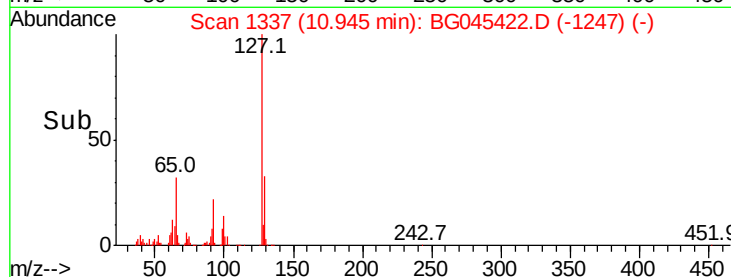
Abundance

Ion 129.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

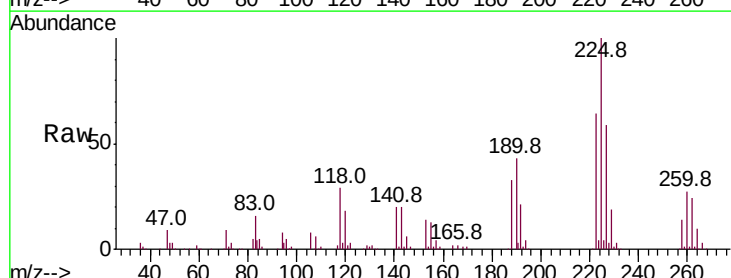
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 38.984 ng
RT: 11.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.1	73.7
227	59.3	52.0	78.0

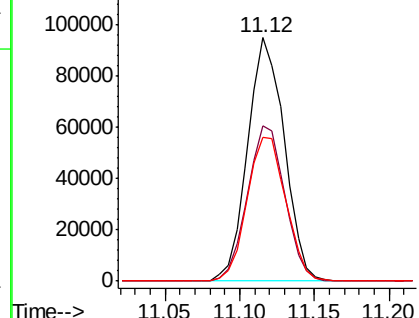
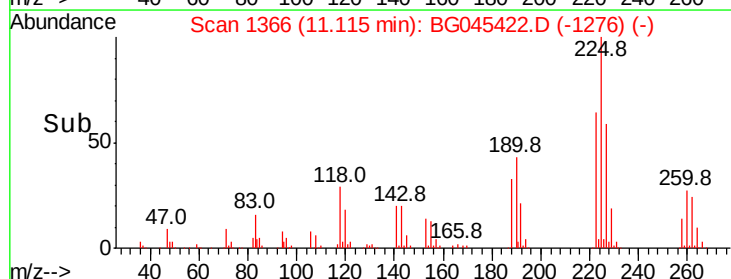


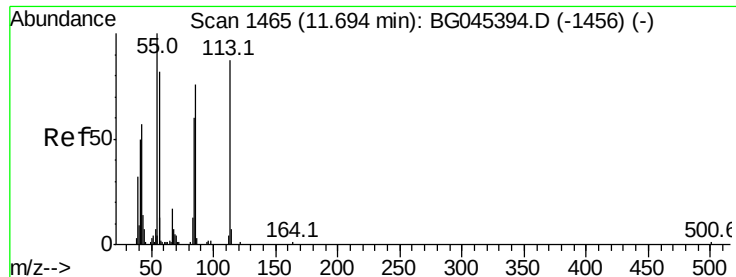
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

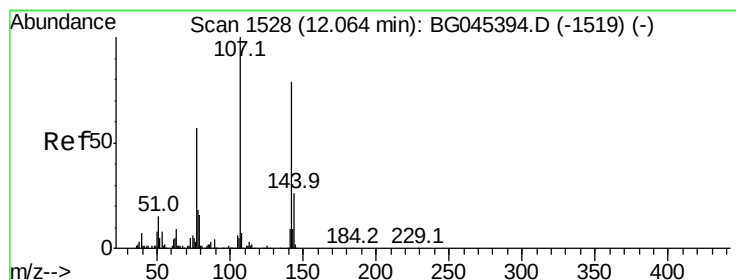
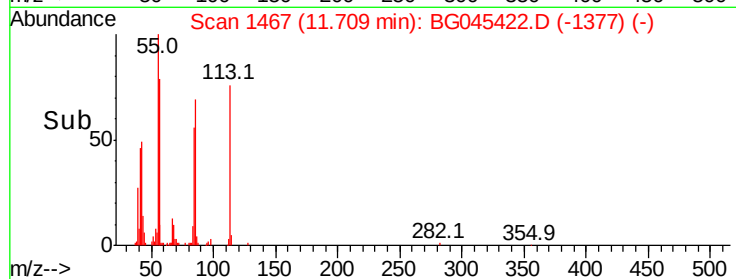
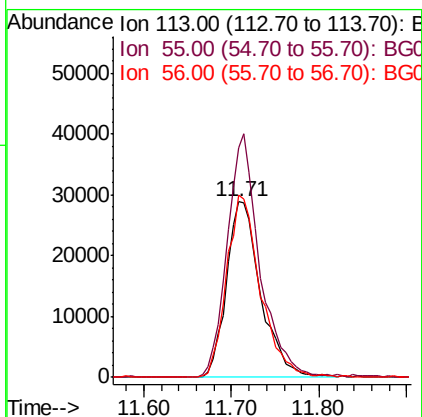
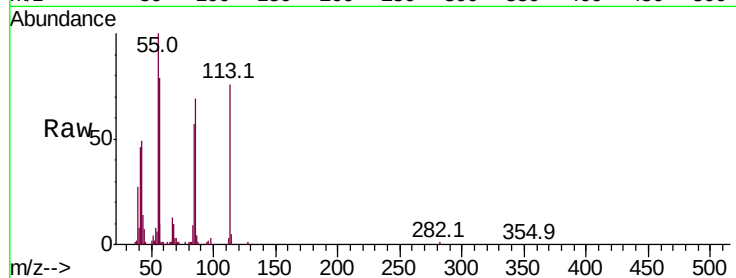




#35
 Caprolactam
 Concen: 42.419 ng
 RT: 11.71 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BG045422.D
 Acq: 19 May 2020 11:27

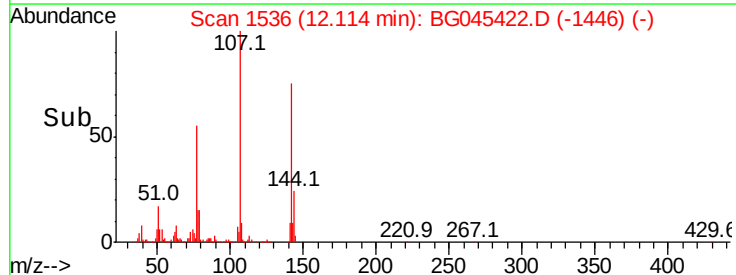
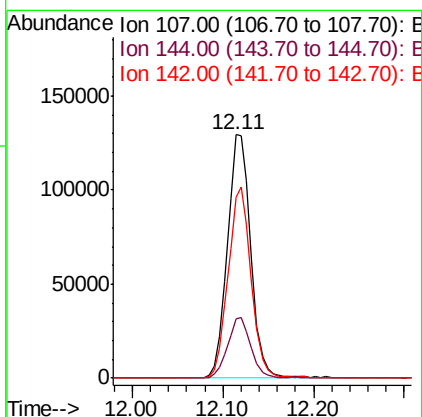
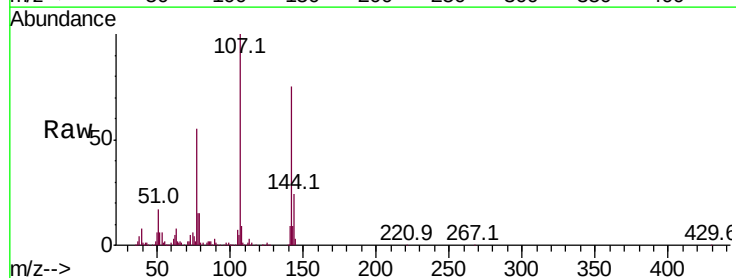
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

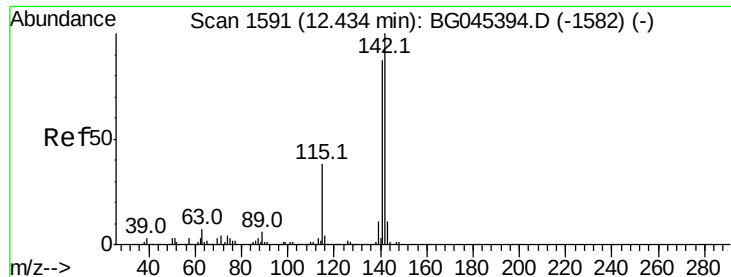
Tot Ion:113 Resp: 76959
 Ion Ratio Lower Upper
 113 100
 55 131.1 96.0 136.0
 56 103.4 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.725 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BG045422.D
 Acq: 19 May 2020 11:27

Tgt Ion:107 Resp: 232396
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.8 31.2
 142 74.6 62.8 94.2

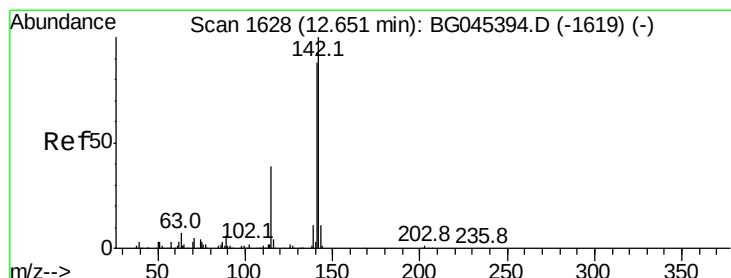
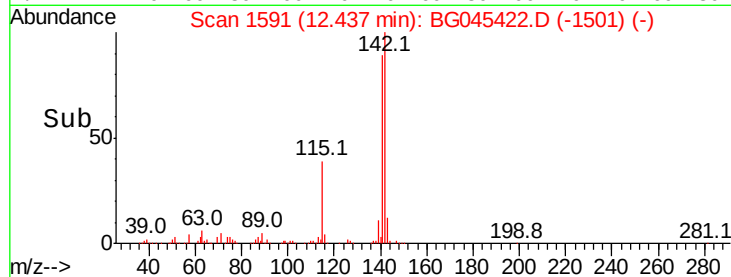
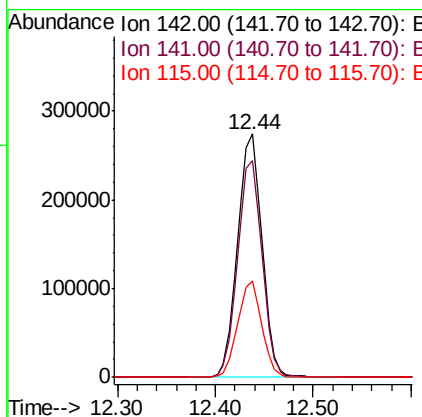
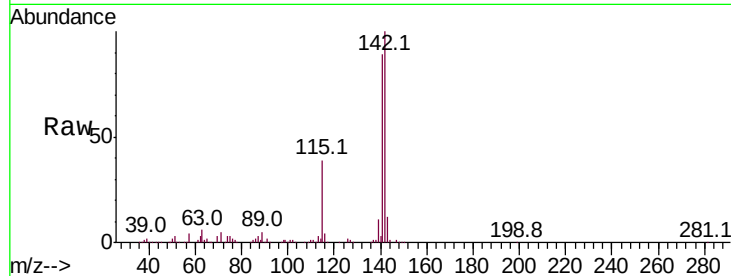




#37
 2-Methylnaphthalene
 Concen: 41.081 ng
 RT: 12.44 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BG045422.D
 Acq: 19 May 2020 11:27

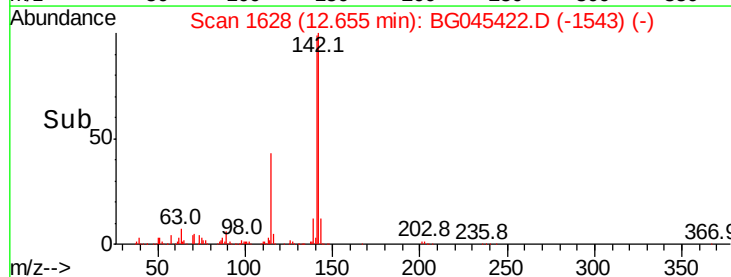
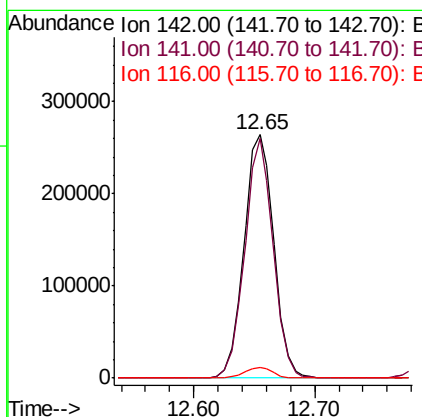
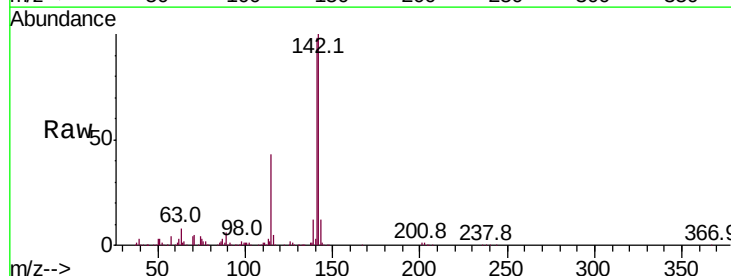
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

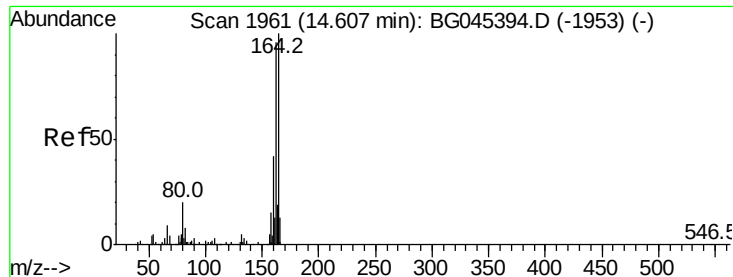
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.0	105.0
115	39.4	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 41.008 ng
 RT: 12.65 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BG045422.D
 Acq: 19 May 2020 11:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.3	70.8	106.2
116	4.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

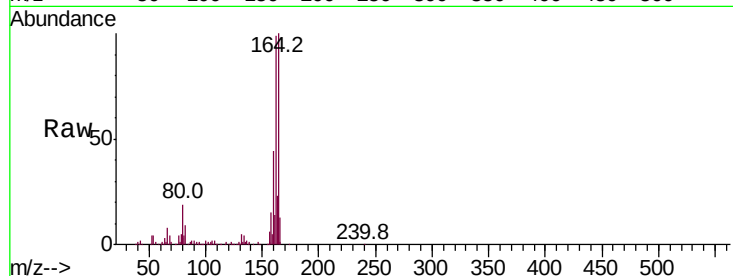
Tot Ion:164 Resp: 240203

Ion Ratio Lower Upper

164 100

162 99.1 76.9 115.3

160 44.0 33.8 50.8

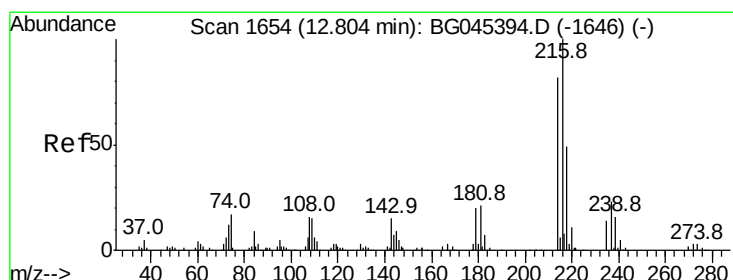
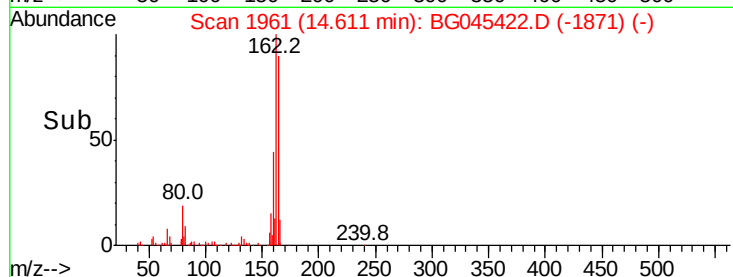
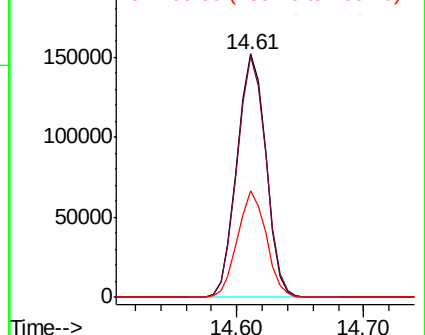


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.845 ng

RT: 12.81 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Tgt Ion:216 Resp: 260621

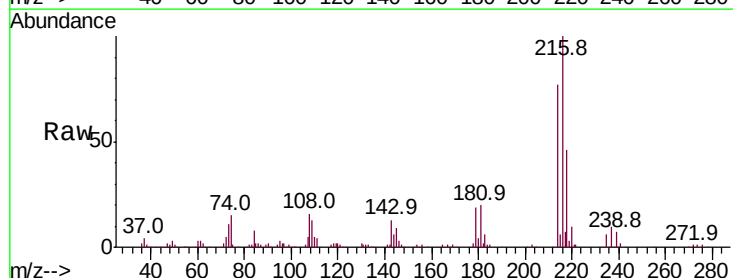
Ion Ratio Lower Upper

216 100

214 79.5 63.7 95.5

179 19.7 16.1 24.1

108 17.3 13.8 20.6



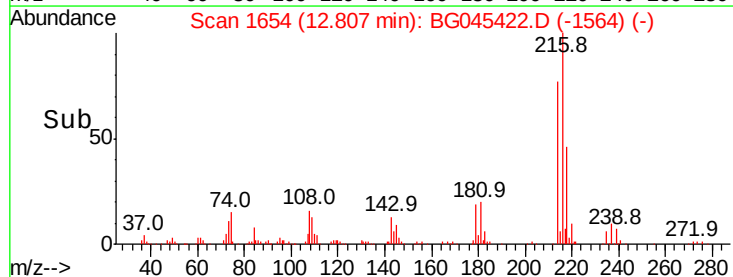
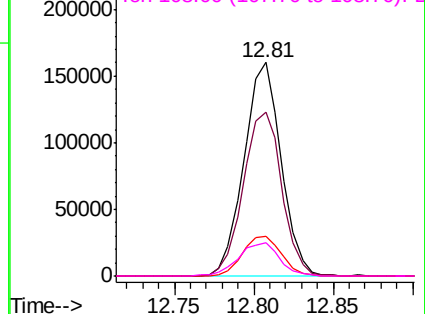
Abundance

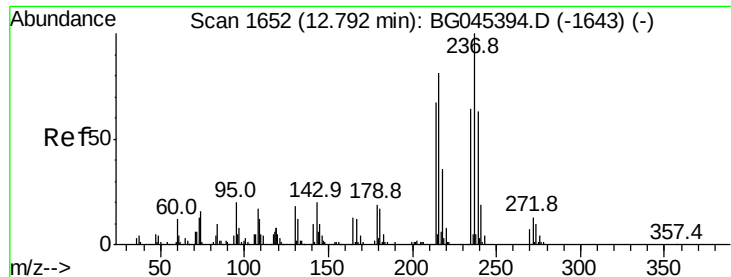
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.262 ng

RT: 12.79 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

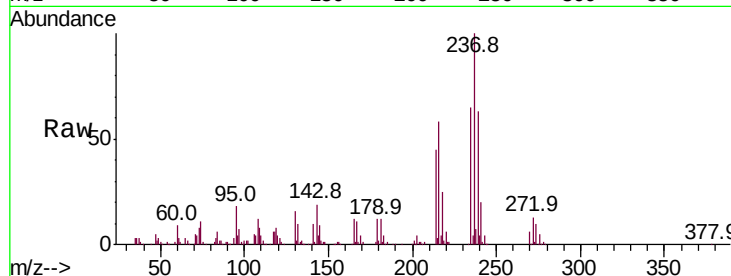
Tot Ion:237 Resp: 148167

Ion	Ratio	Lower	Upper
237	100		
235	64.9	44.4	84.4
272	13.3	0.0	32.5

237 100

235 64.9 44.4 84.4

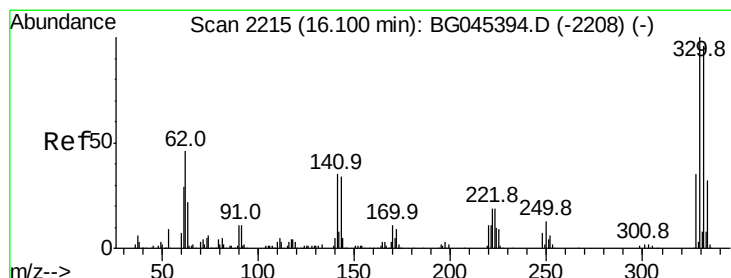
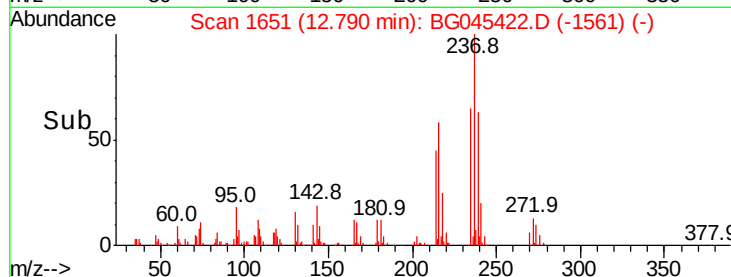
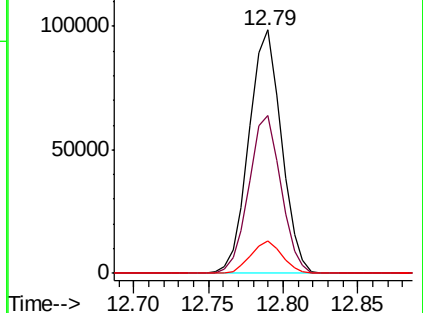
272 13.3 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 78.365 ng

RT: 16.11 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

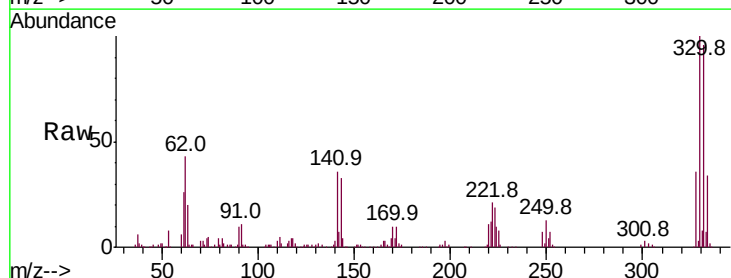
Tgt Ion:330 Resp: 240730

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.2	117.4
141	35.1	28.2	42.4

330 100

332 95.8 78.2 117.4

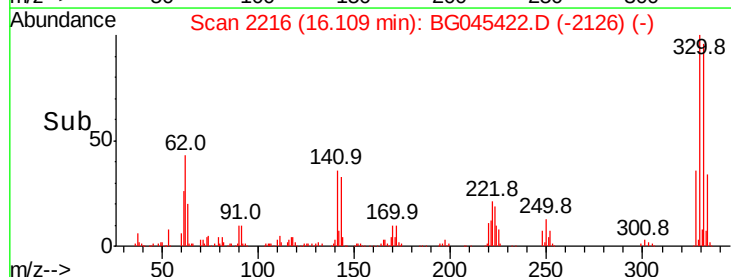
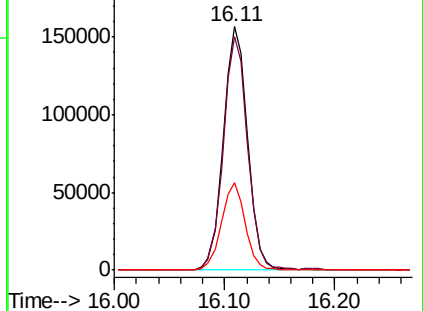
141 35.1 28.2 42.4

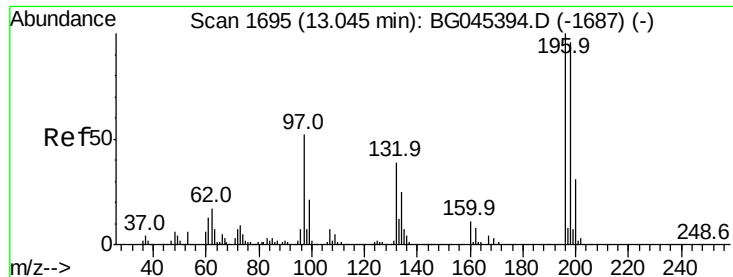


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

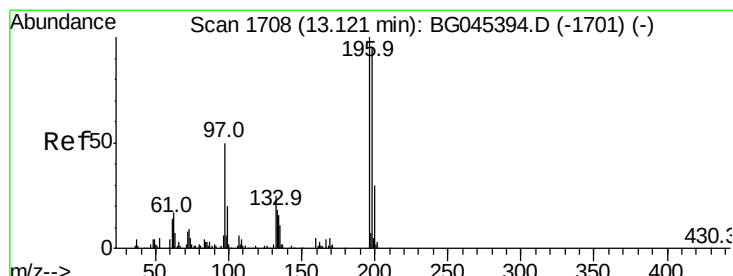
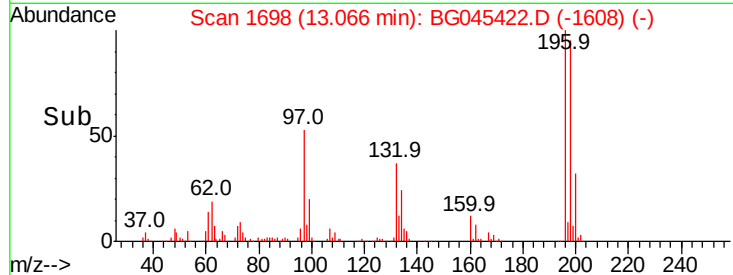
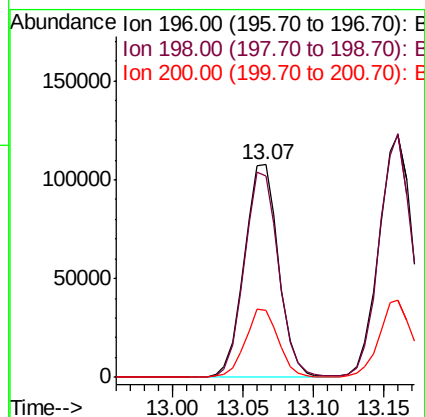
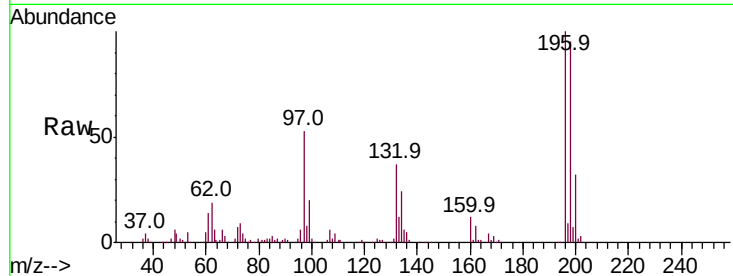




#43
 2,4,6-Trichlorophenol
 Concen: 39.452 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG045422.D
 Acq: 19 May 2020 11:27

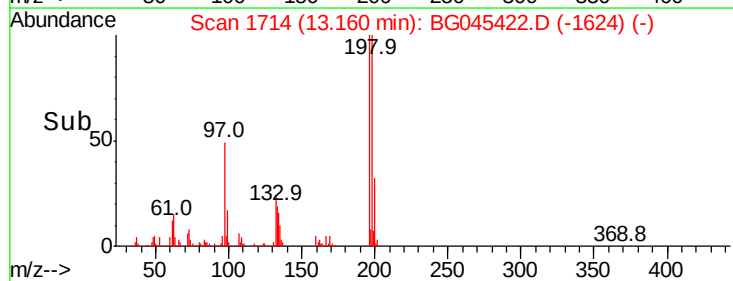
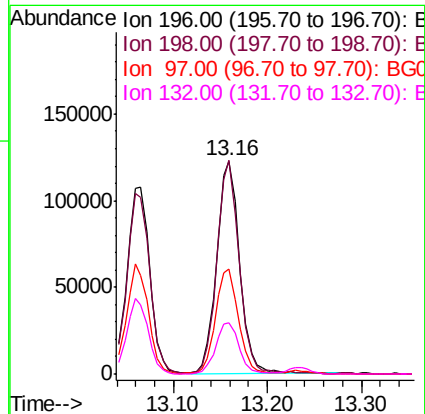
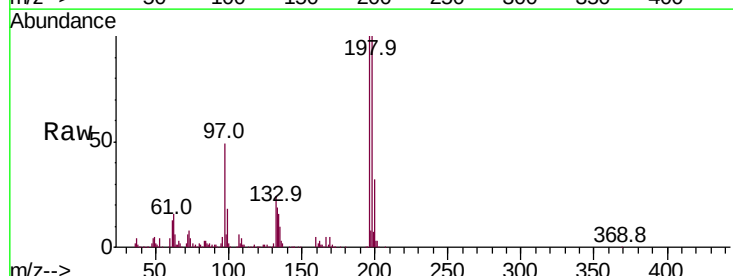
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

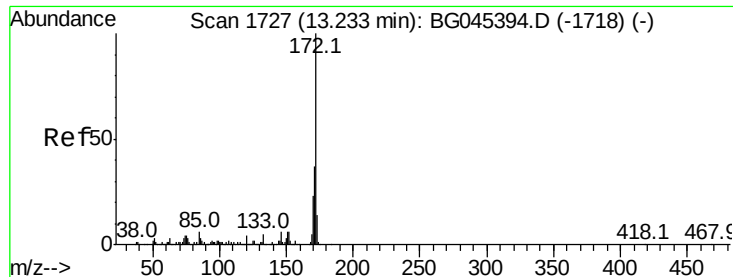
Tot Ion:196 Resp: 183870
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.7 115.1
 200 31.7 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.390 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG045422.D
 Acq: 19 May 2020 11:27

Tgt Ion:196 Resp: 209790
 Ion Ratio Lower Upper
 196 100
 198 100.3 76.1 114.1
 97 49.2 40.0 60.0
 132 23.8 20.2 30.2

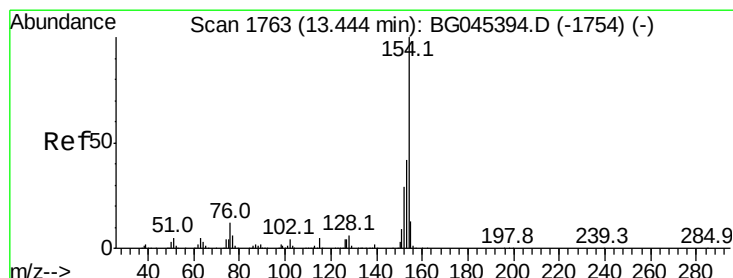
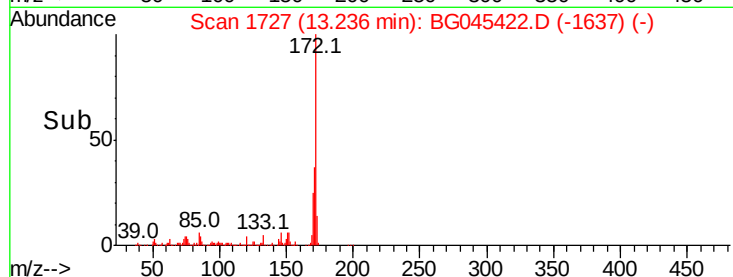
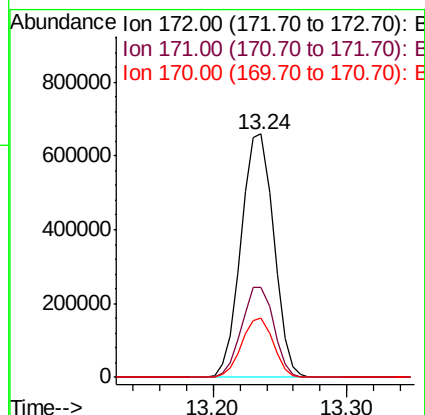
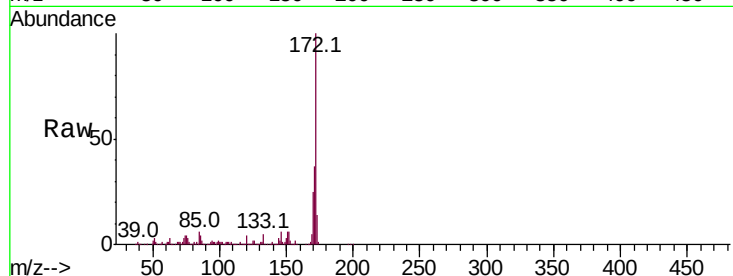




#45
2-Fluorobiphenyl
Concen: 78.926 ng
RT: 13.24 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

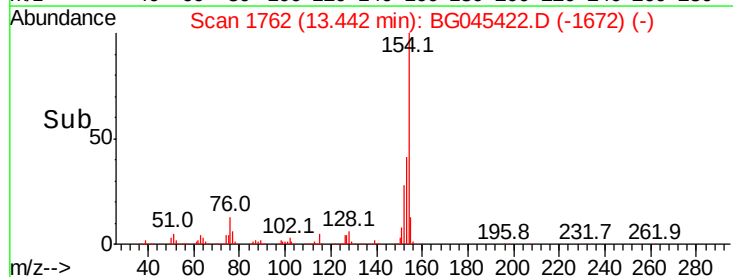
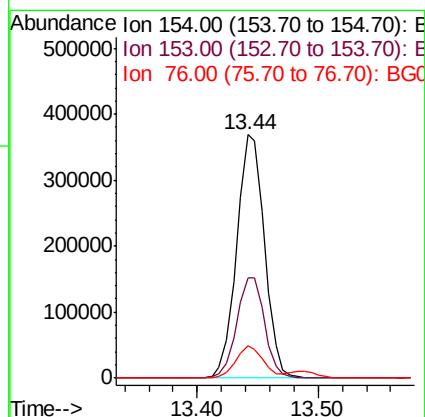
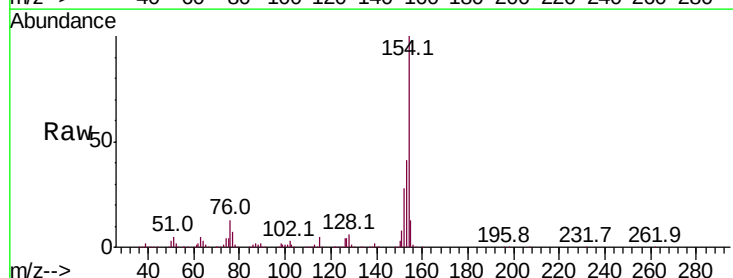
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

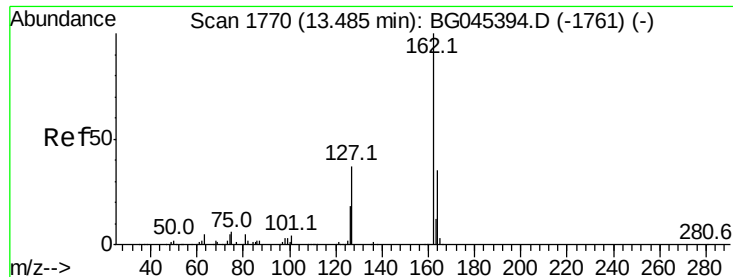
Tot Ion:172 Resp: 1117691
Ion Ratio Lower Upper
172 100
171 37.0 29.5 44.3
170 24.6 18.5 27.7



#46
1,1'-Biphenyl
Concen: 40.144 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

Tgt Ion:154 Resp: 592502
Ion Ratio Lower Upper
154 100
153 41.1 22.2 62.2
76 13.5 0.0 32.4





#47

2-Chloronaphthalene

Concen: 40.523 ng

RT: 13.49 min Scan# 1770

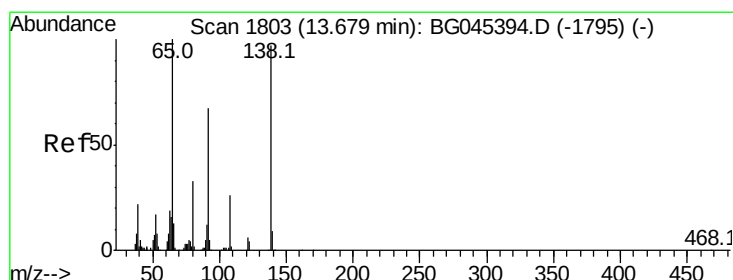
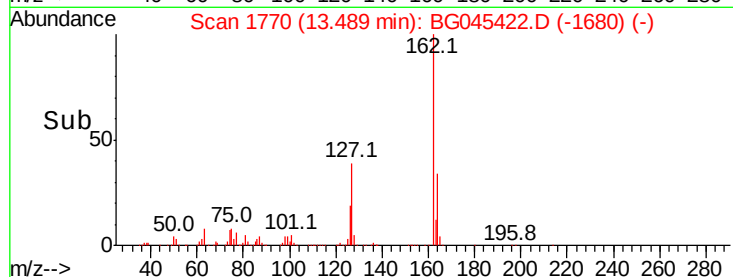
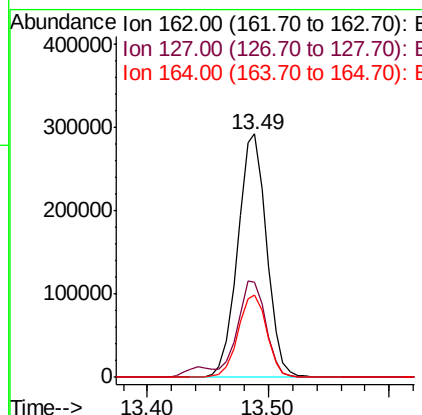
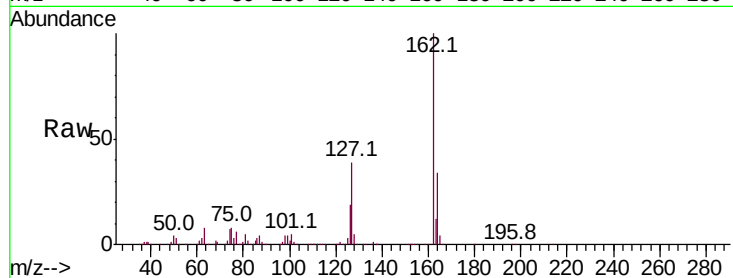
Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	162	Resp:	485676
Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.6	47.4
164	33.8	28.1	42.1



#48

2-Nitroaniline

Concen: 40.600 ng

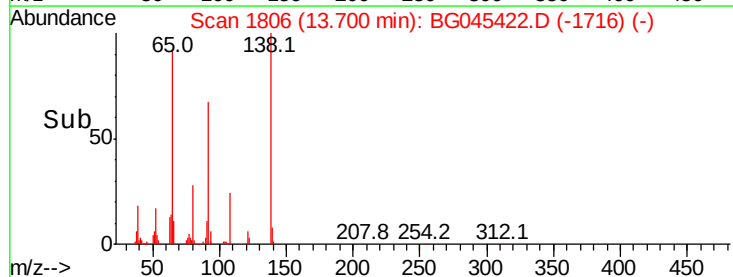
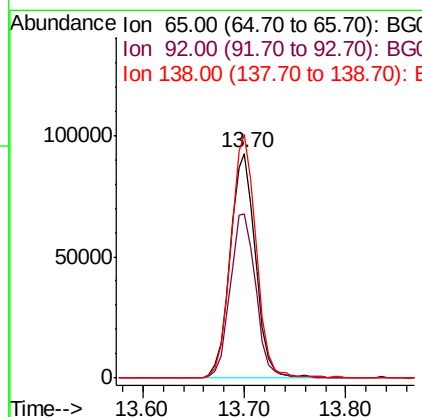
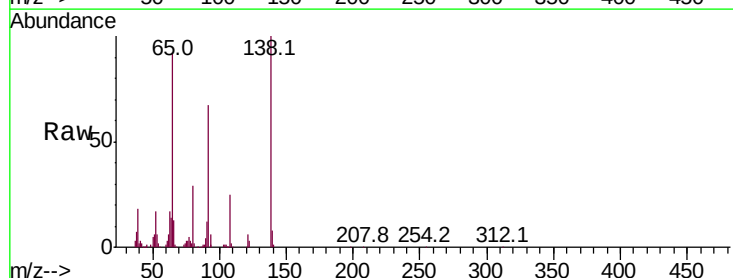
RT: 13.70 min Scan# 1806

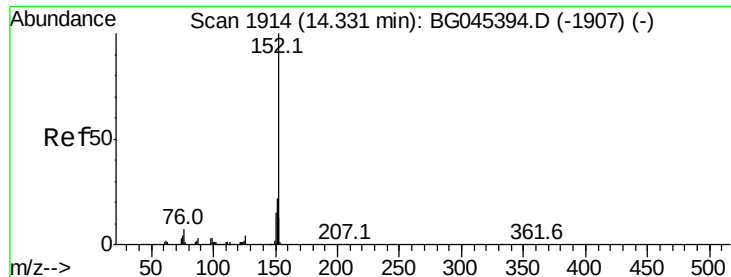
Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Tgt Ion:	65	Resp:	160064
Ion	Ratio	Lower	Upper
65	100		
92	73.0	53.8	80.8
138	108.2	77.9	116.9





#49

Acenaphthylene

Concen: 40.442 ng

RT: 14.33 min Scan# 1914

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

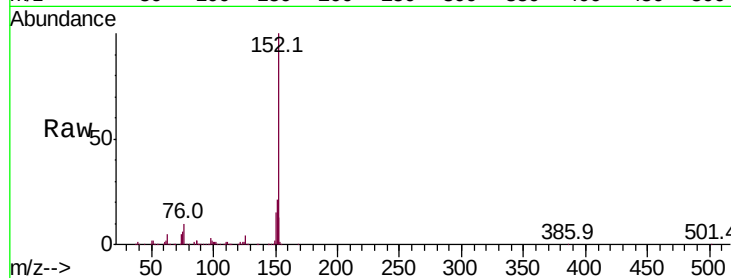
Tot Ion:152 Resp: 778551

Ion Ratio Lower Upper

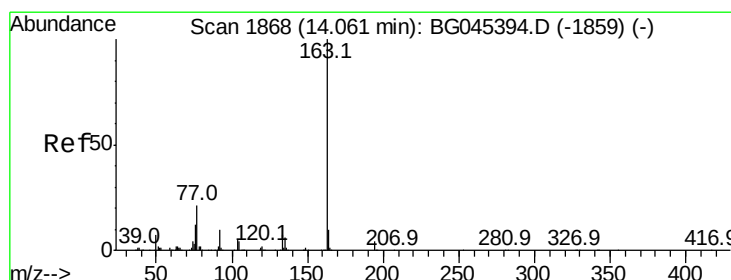
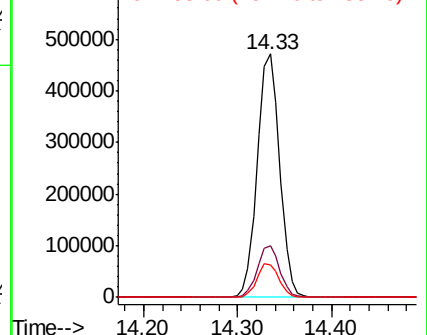
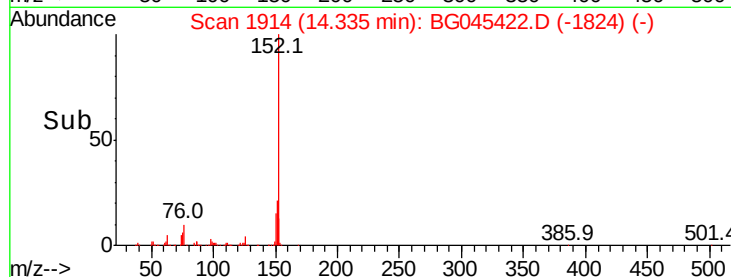
152 100

151 21.3 17.4 26.2

153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.347 ng

RT: 14.07 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

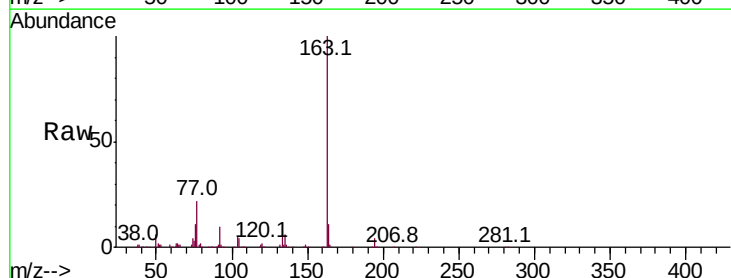
Tgt Ion:163 Resp: 664823

Ion Ratio Lower Upper

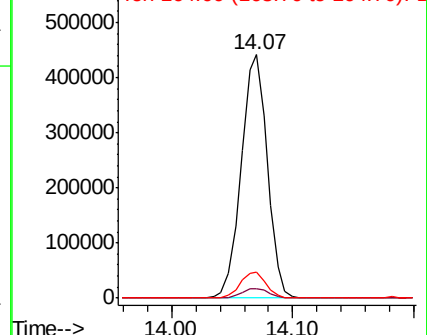
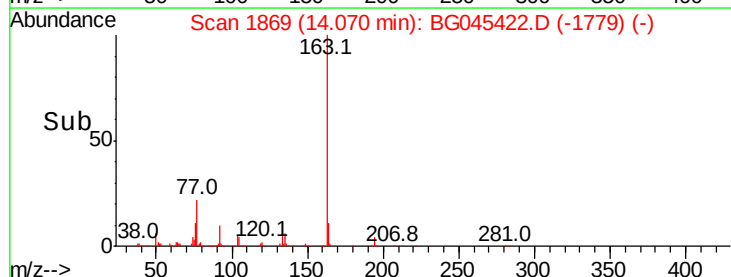
163 100

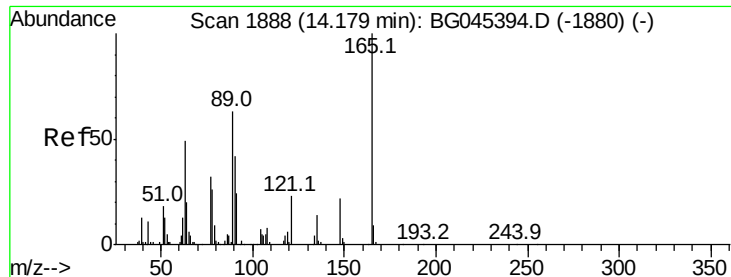
194 4.0 3.2 4.8

164 10.6 8.3 12.5



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

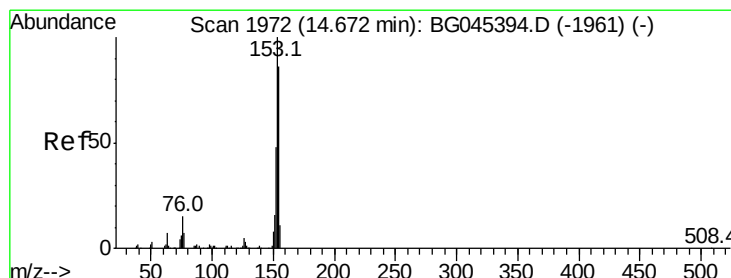
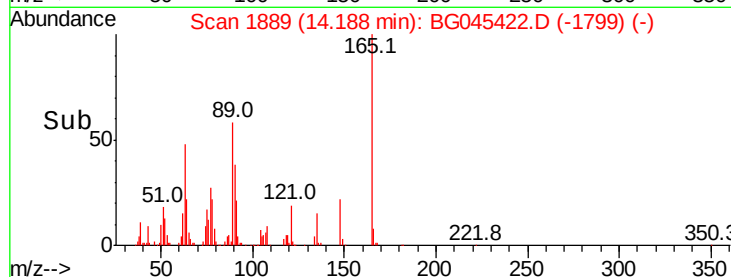
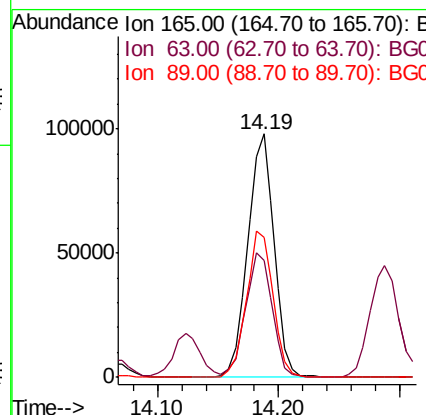
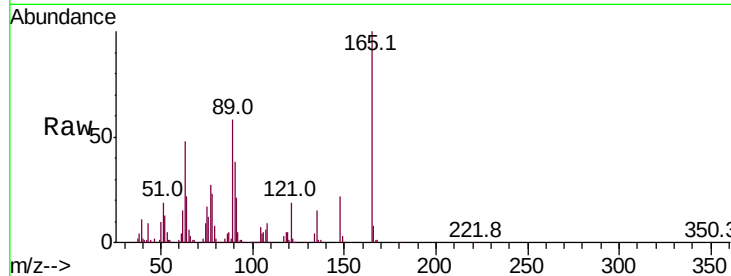




#51
 2,6-Dinitrotoluene
 Concen: 40.083 ng
 RT: 14.19 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: BG045422.D
 Acq: 19 May 2020 11:27

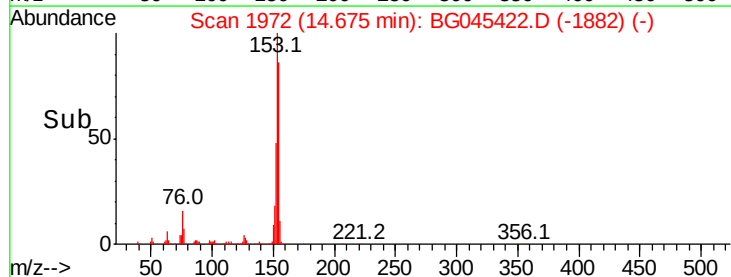
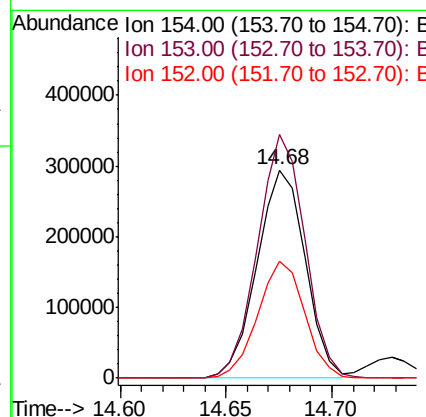
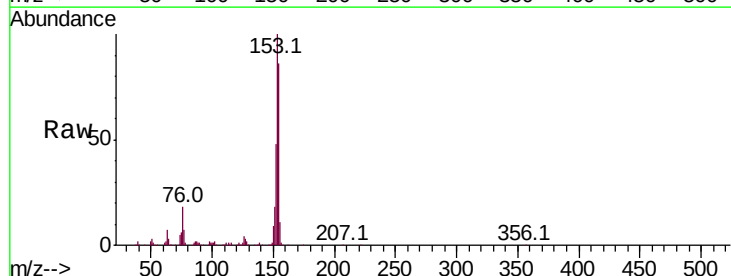
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

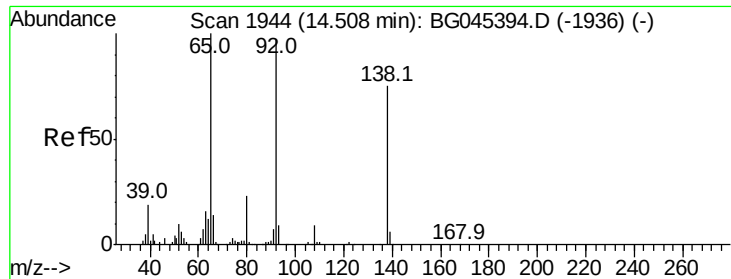
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.1	45.0	67.4
89	57.5	50.2	75.4



#52
 Acenaphthene
 Concen: 36.265 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BG045422.D
 Acq: 19 May 2020 11:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.9	92.8	139.2
152	55.9	44.6	66.8

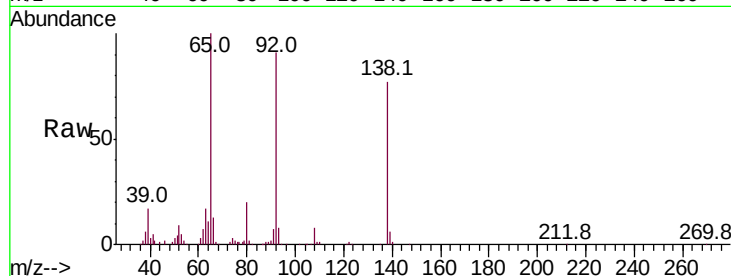




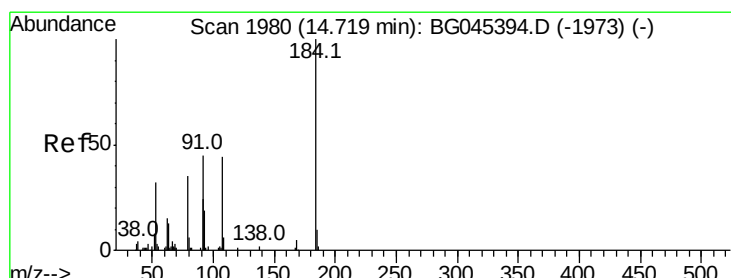
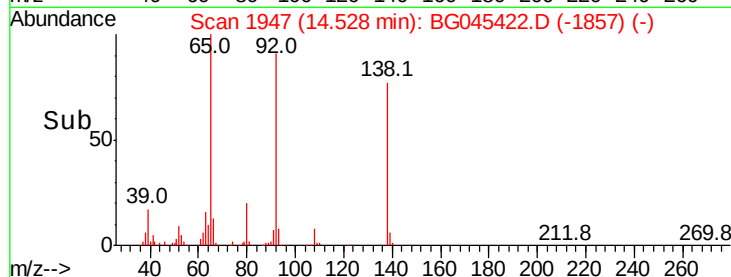
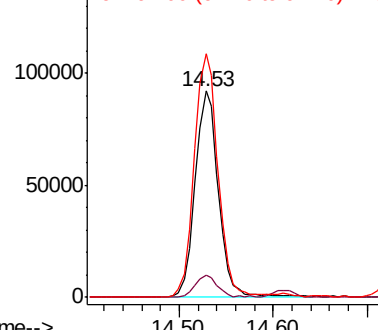
#53
3-Nitroaniline
Concen: 42.148 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 159309
Ion Ratio Lower Upper
138 100
108 10.5 9.8 14.6
92 118.1 103.0 154.4

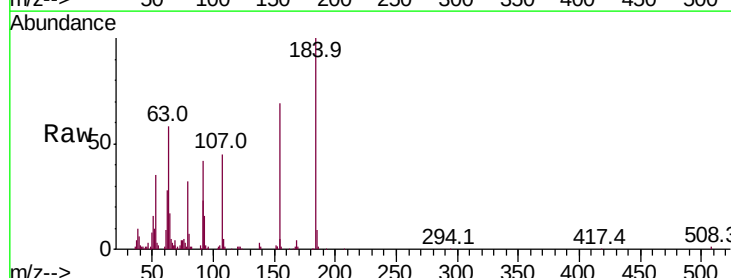


Abundance Ion 138.00 (137.70 to 138.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

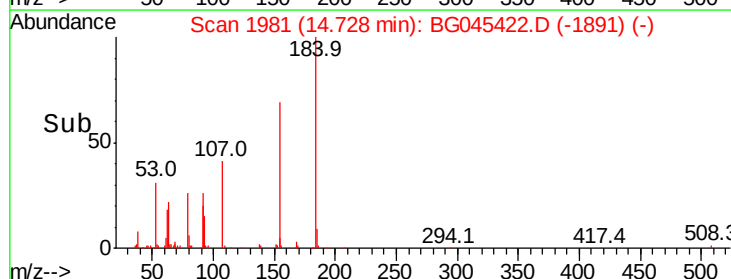
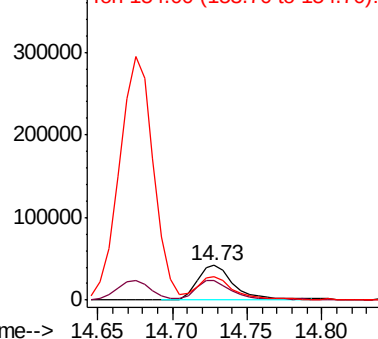


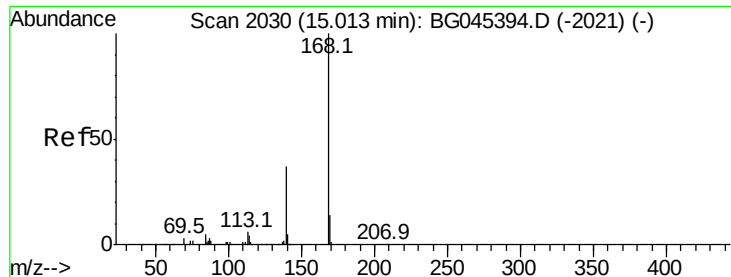
#54
2,4-Dinitrophenol
Concen: 33.866 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

Tgt Ion:184 Resp: 74257
Ion Ratio Lower Upper
184 100
63 57.6 47.8 71.6
154 68.8 58.3 87.5



Abundance Ion 184.00 (183.70 to 184.70): E
400000 Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.087 ng

RT: 15.01 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

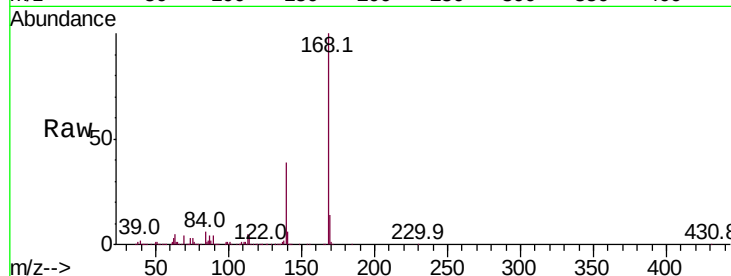
Tot Ion:168 Resp: 767125

Ion Ratio Lower Upper

168 100

139 39.1 29.9 44.9

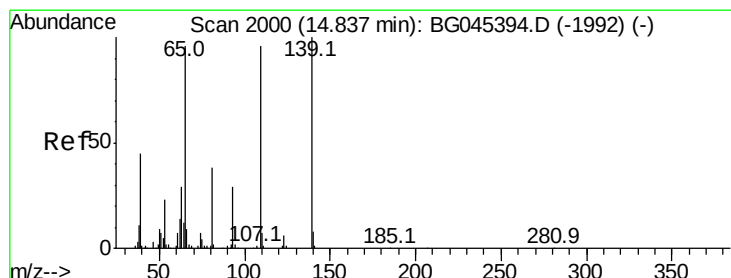
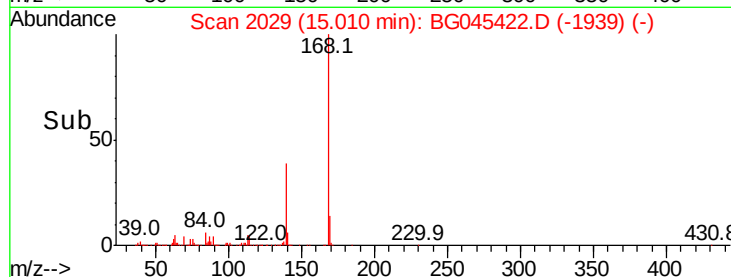
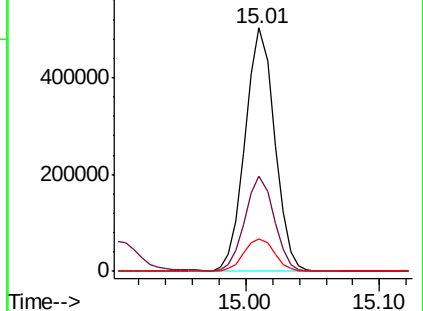
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 40.388 ng

RT: 14.90 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

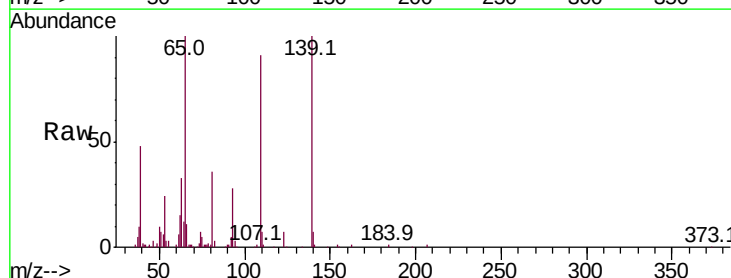
Tgt Ion:139 Resp: 115574

Ion Ratio Lower Upper

139 100

109 91.5 75.6 115.6

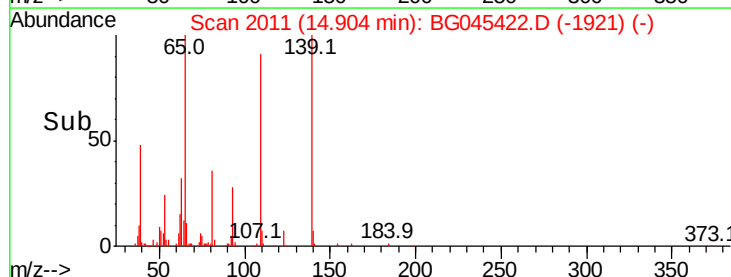
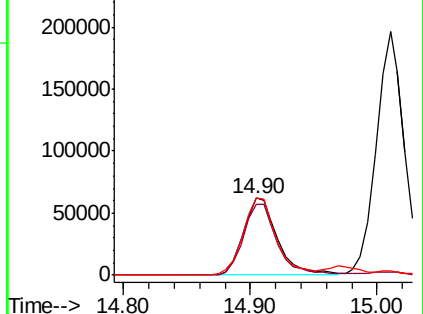
65 100.3 76.8 116.8

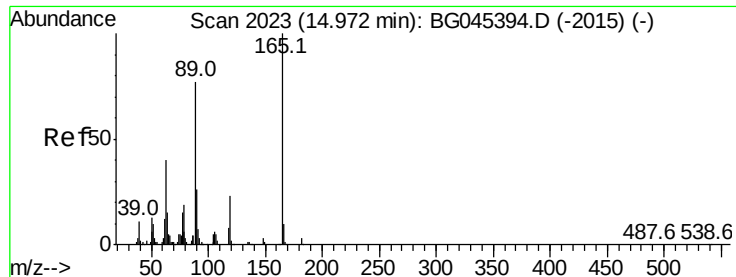


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 41.603 ng

RT: 14.97 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 224031

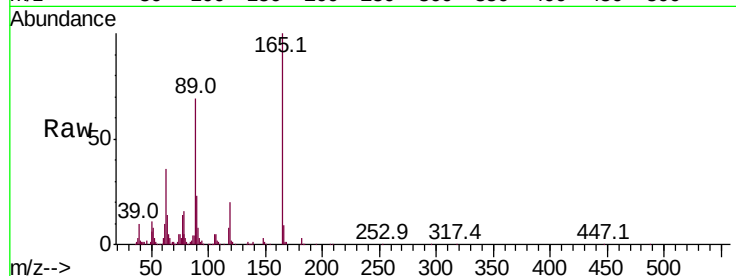
Ion Ratio Lower Upper

165 100

63 35.9 32.5 48.7

89 69.4 61.8 92.6

182 2.7 2.3 3.5

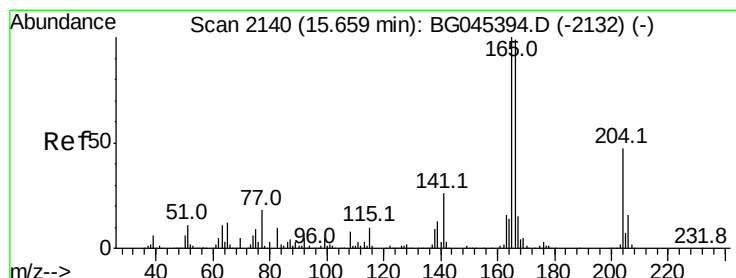
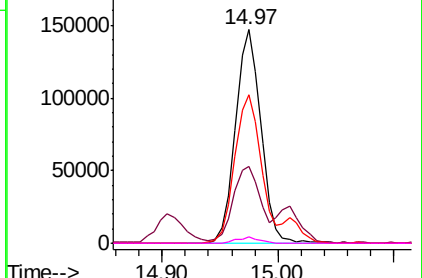
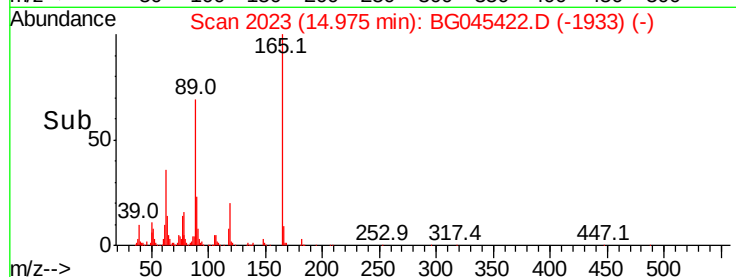


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.529 ng

RT: 15.66 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

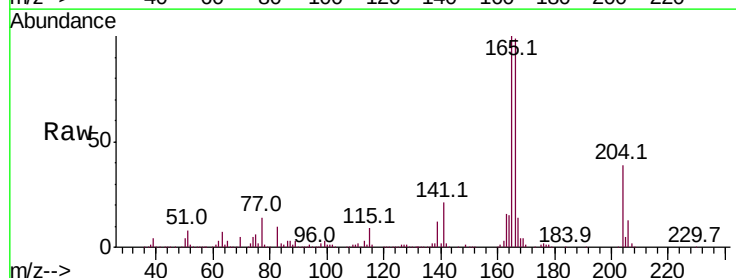
Tgt Ion:166 Resp: 637176

Ion Ratio Lower Upper

166 100

165 100.6 80.8 121.2

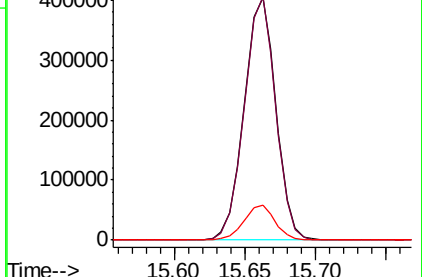
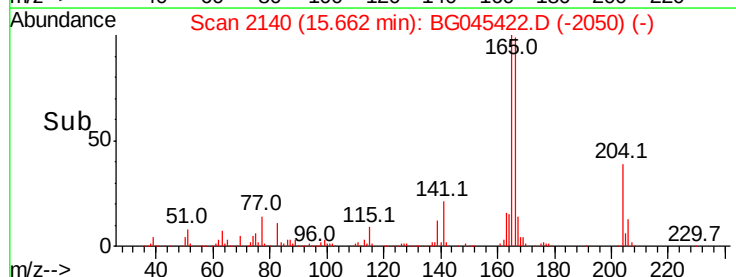
167 14.5 12.0 18.0

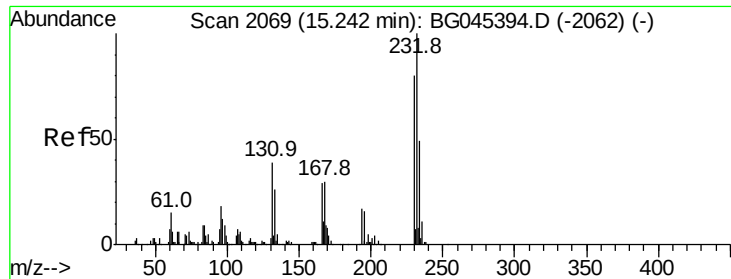


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

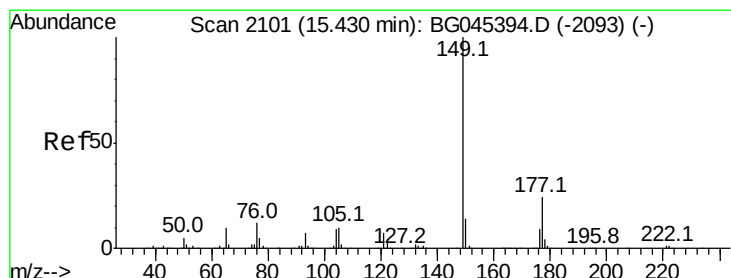
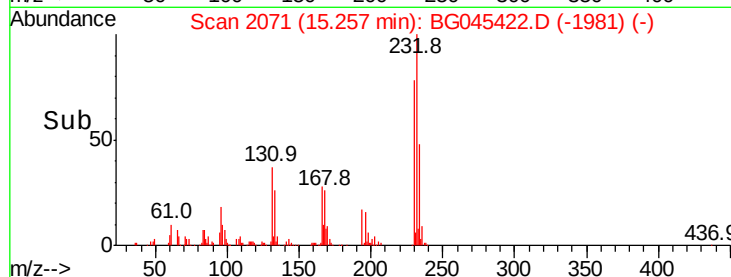
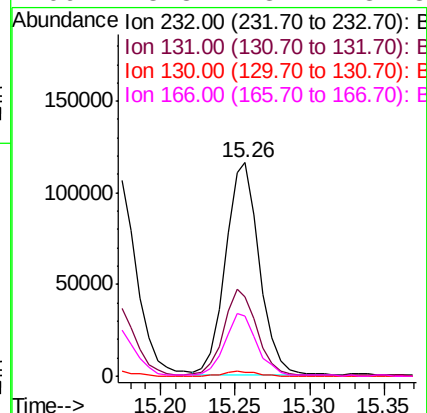
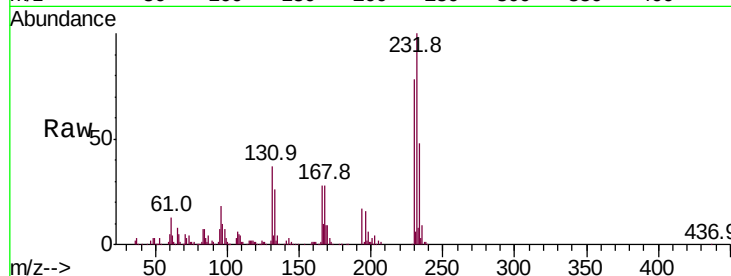




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.170 ng
RT: 15.26 min Scan# 2071
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

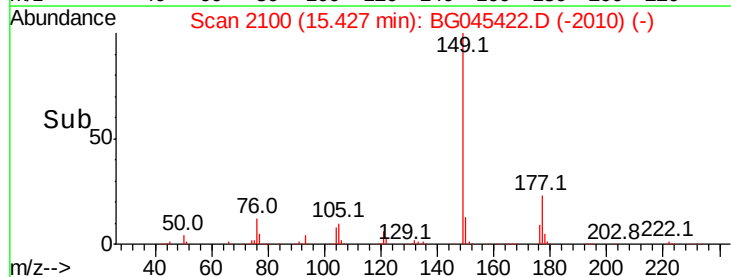
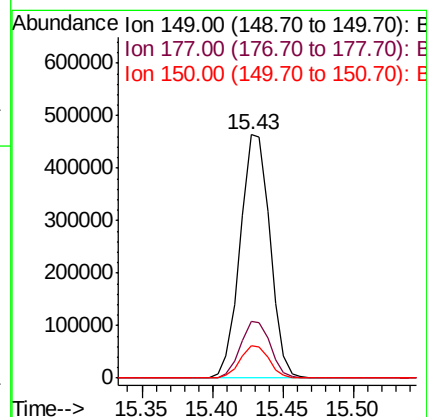
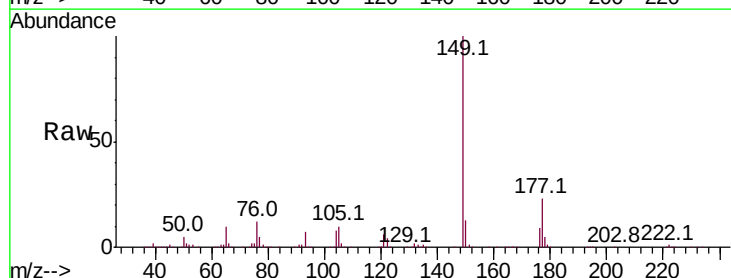
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

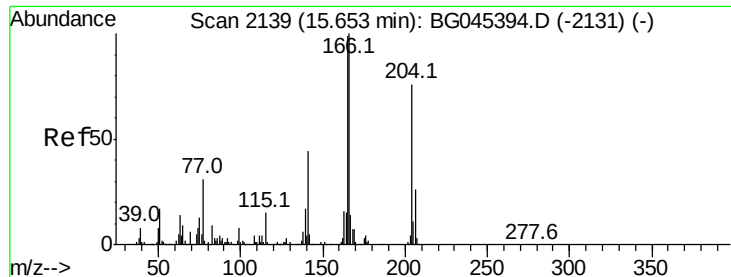
Tot Ion:	232	Resp:	183535
Ion	Ratio	Lower	Upper
232	100		
131	39.9	33.7	50.5
130	2.4	2.1	3.1
166	28.8	23.2	34.8



#60
Diethylphthalate
Concen: 39.858 ng
RT: 15.43 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

Tgt Ion:	149	Resp:	683585
Ion	Ratio	Lower	Upper
149	100		
177	23.3	19.0	28.4
150	13.3	11.4	17.0

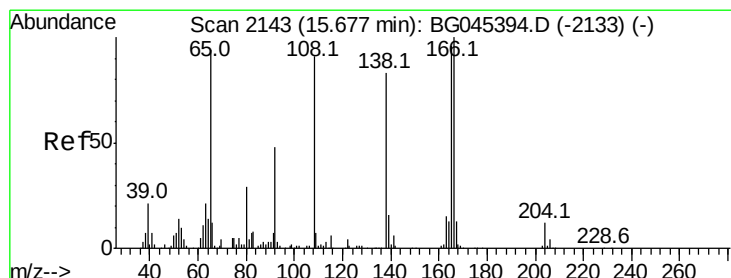
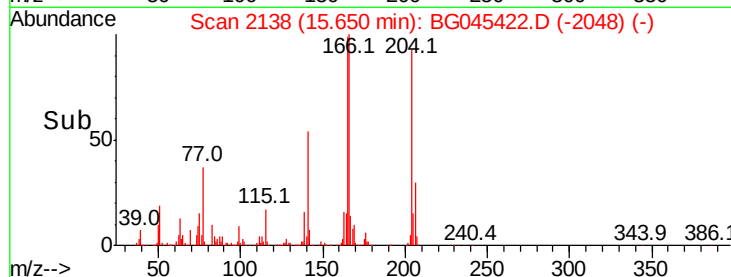
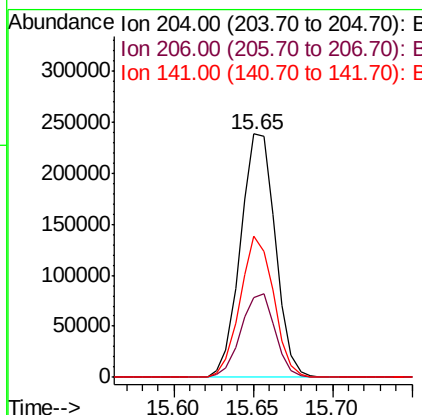
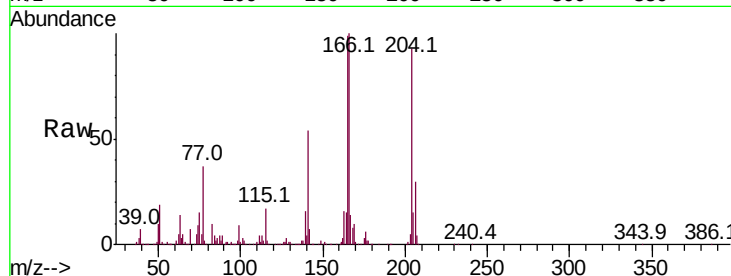




#61
4-Chlorophenyl-phenylether
Concen: 40.374 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

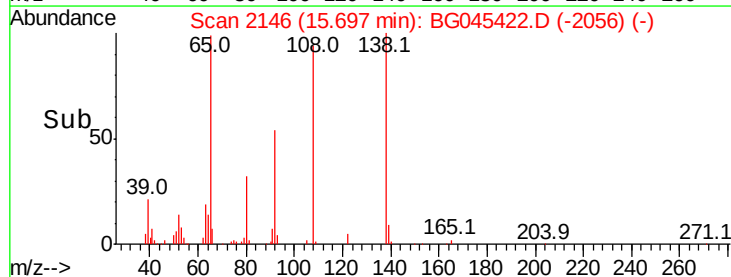
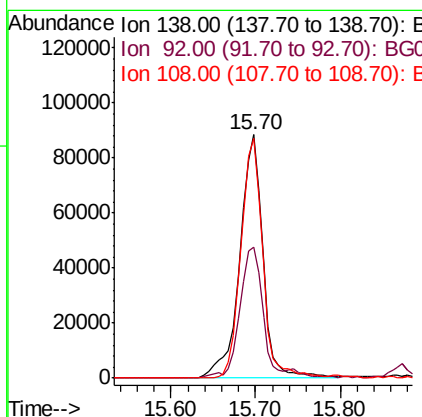
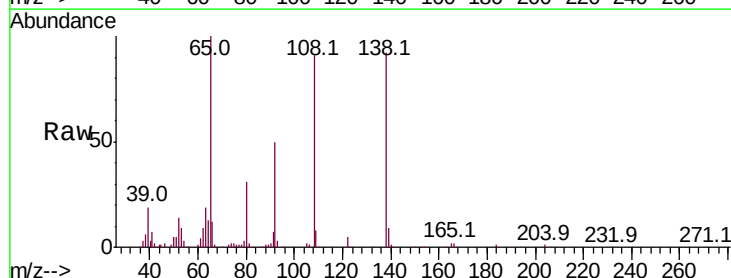
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

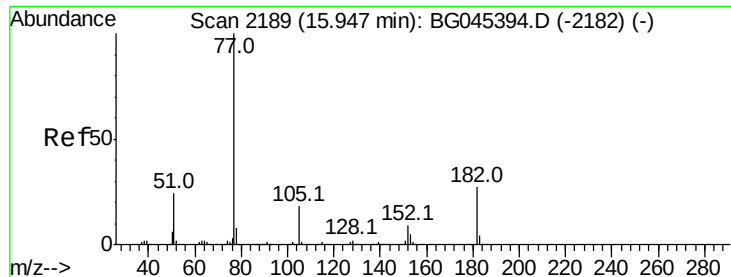
Tot Ion:204 Resp: 363223
Ion Ratio Lower Upper
204 100
206 32.8 27.3 40.9
141 58.3 45.9 68.9



#62
4-Nitroaniline
Concen: 42.454 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

Tgt Ion:138 Resp: 167519
Ion Ratio Lower Upper
138 100
92 53.8 38.0 78.0
108 98.4 89.3 129.3





#63

Azobenzene

Concen: 39.972 ng

RT: 15.94 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 639233

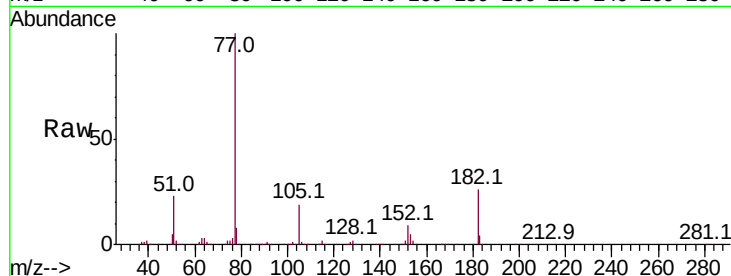
Ion Ratio Lower Upper

77 100

182 26.4 6.5 46.5

105 19.3 0.0 37.9

51 22.9 4.1 44.1

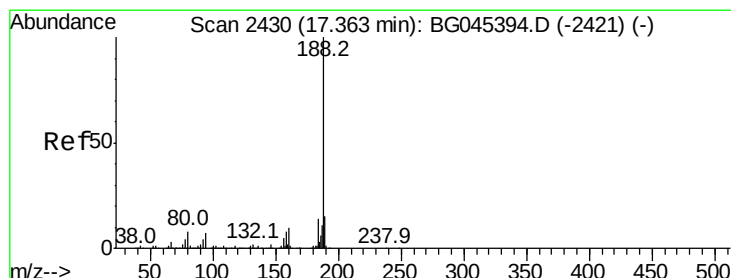
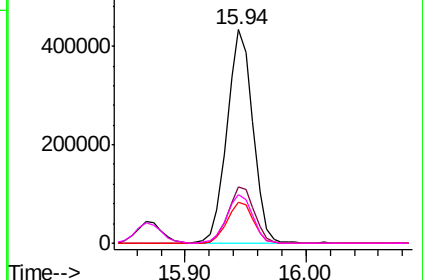
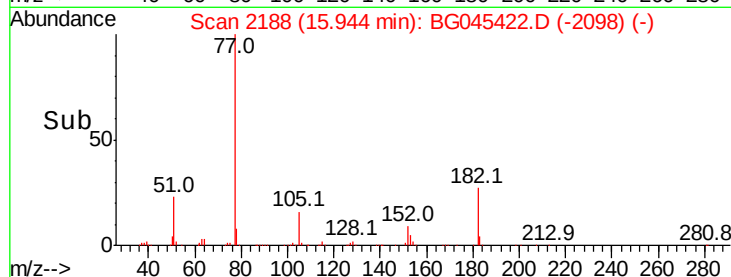


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

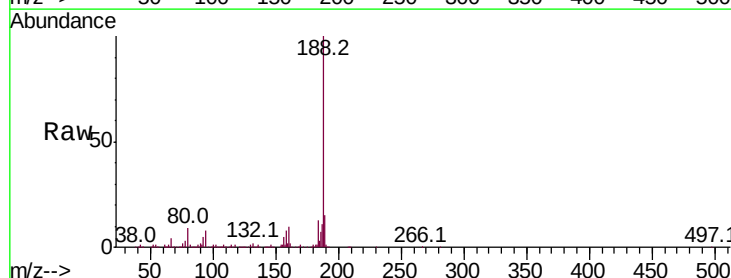
Tgt Ion: 188 Resp: 584171

Ion Ratio Lower Upper

188 100

94 7.7 5.5 8.3

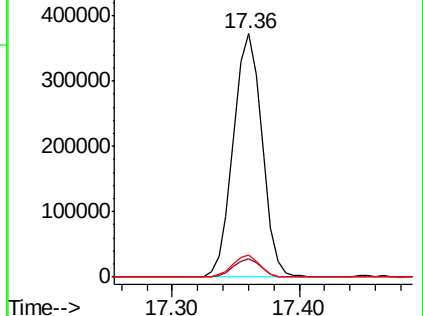
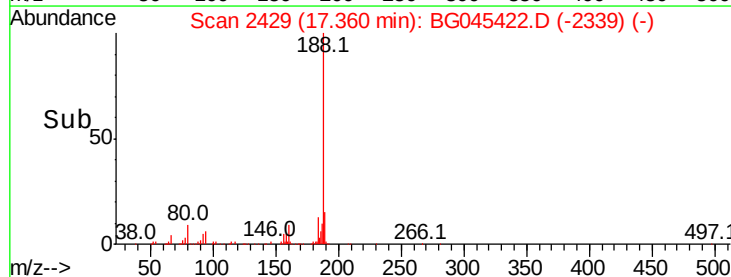
80 9.2 6.6 10.0

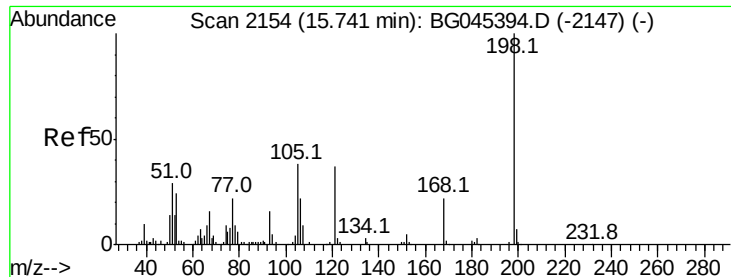


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

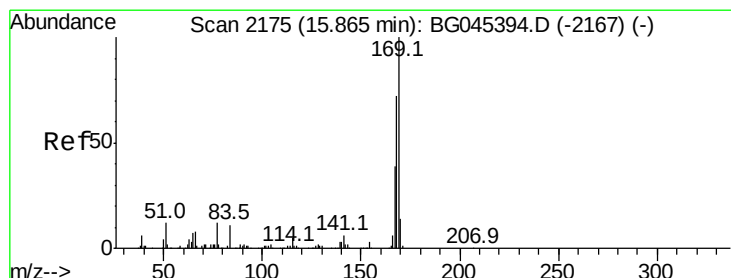
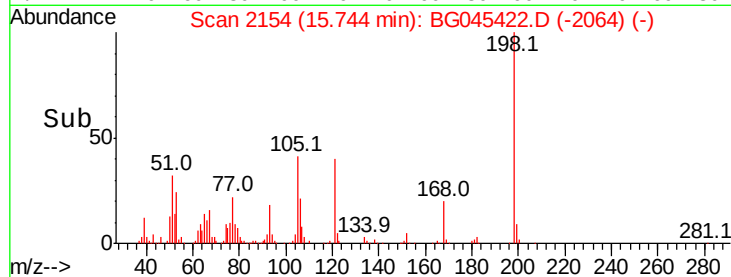
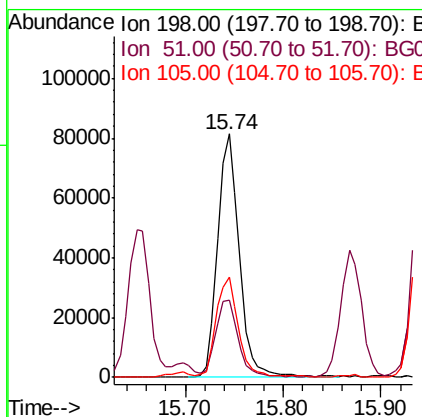
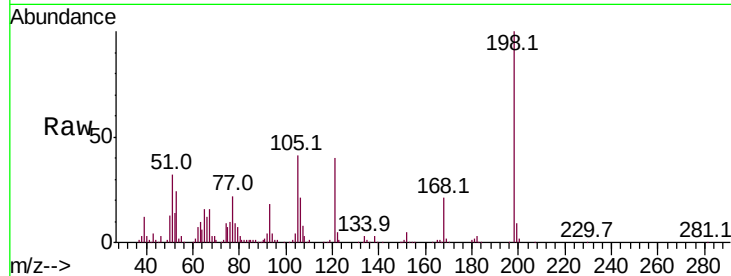




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.931 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG045422.D
 Acq: 19 May 2020 11:27

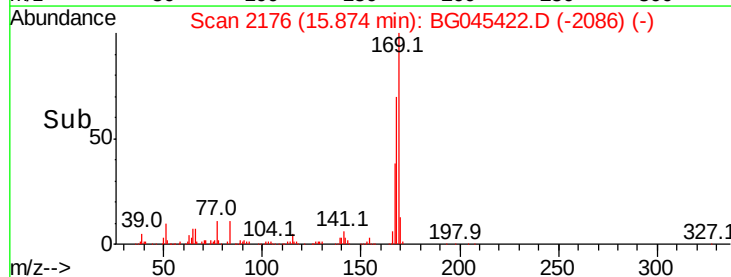
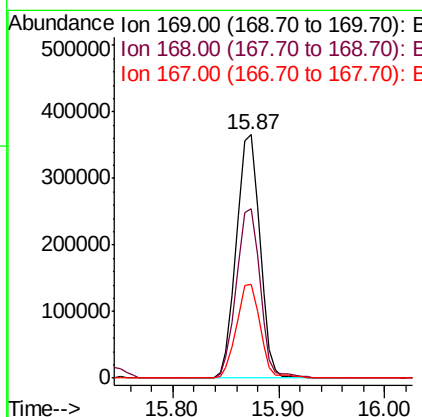
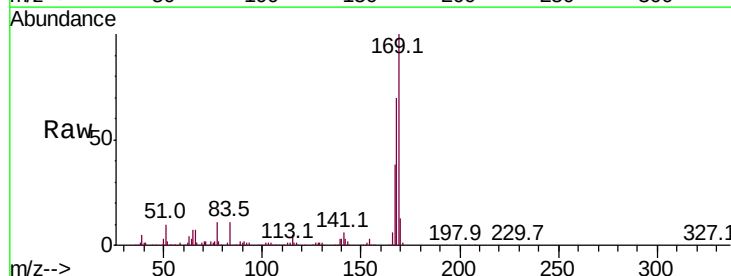
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

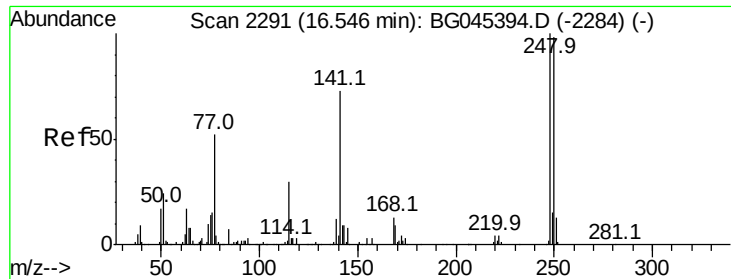
Tot Ion	Ratio	Lower	Upper
198	100		
51	31.5	10.0	50.0
105	41.0	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 40.117 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: BG045422.D
 Acq: 19 May 2020 11:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.8	57.8	86.6
167	38.3	31.5	47.3

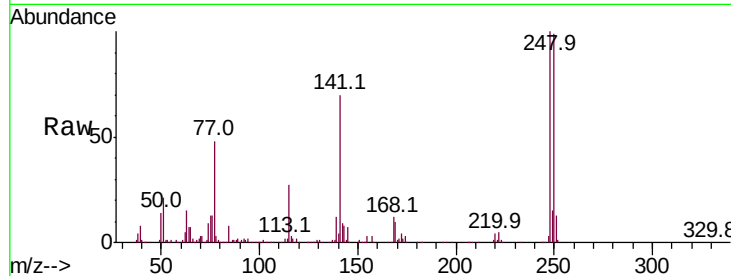




#67
 4-Bromophenyl-phenylether
 Concen: 39.726 ng
 RT: 16.55 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG045422.D
 Acq: 19 May 2020 11:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.6	117.8
141	69.9	58.2	87.2

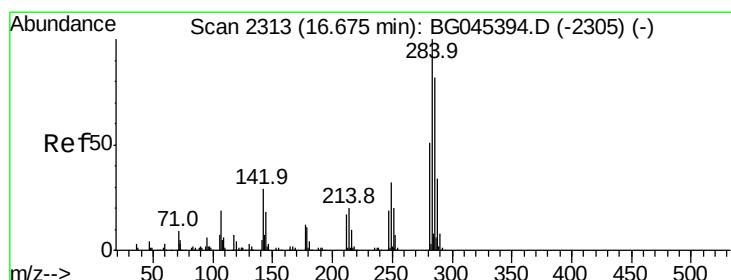
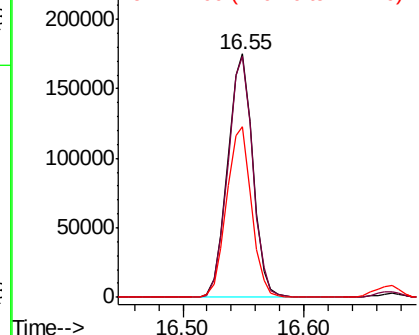
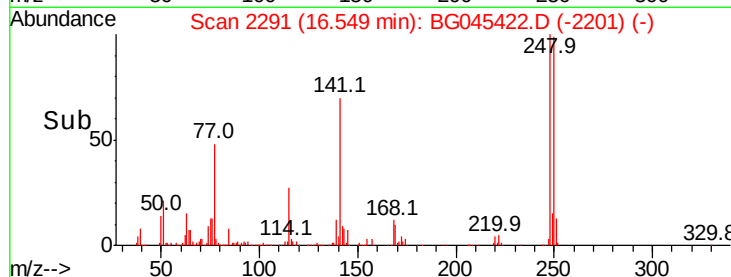


Abundance

Ion 248.00 (247.70 to 248.70): E

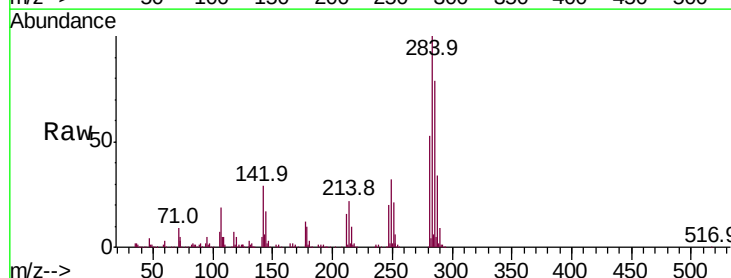
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.969 ng
 RT: 16.67 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: BG045422.D
 Acq: 19 May 2020 11:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	23.0	34.6
249	32.4	25.8	38.6

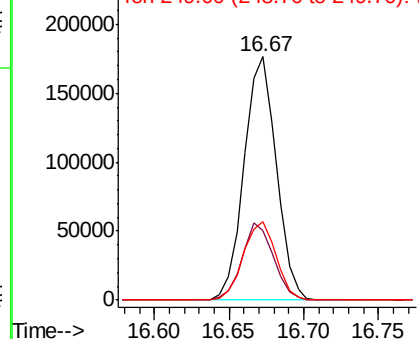
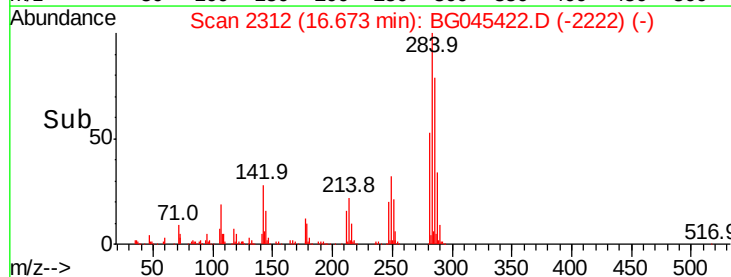


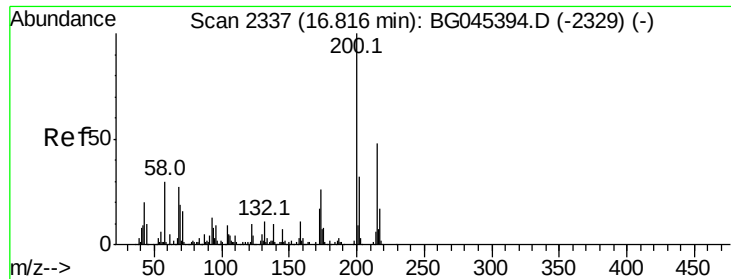
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.447 ng

RT: 16.82 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

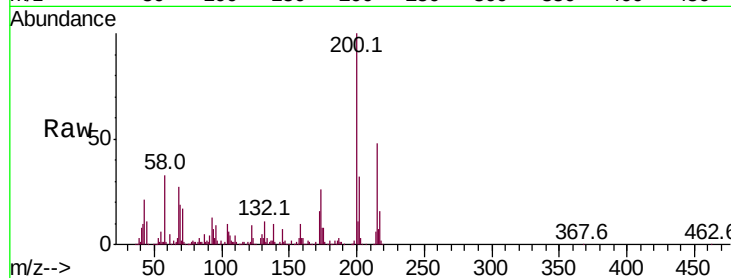
Tot Ion:200 Resp: 227891

Ion Ratio Lower Upper

200 100

173 25.6 5.5 45.5

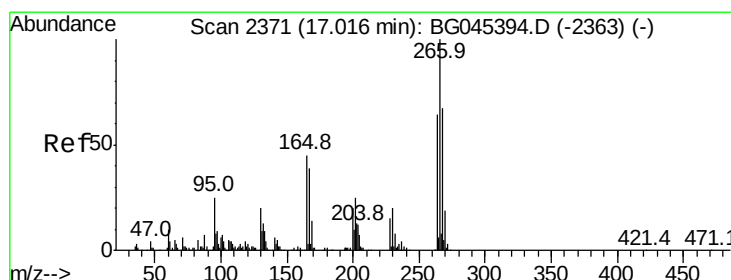
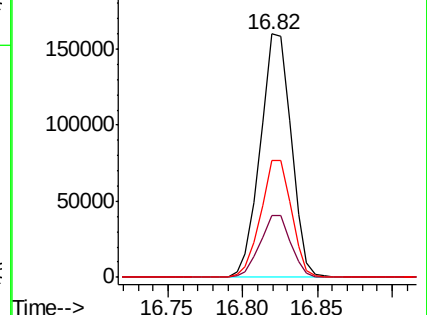
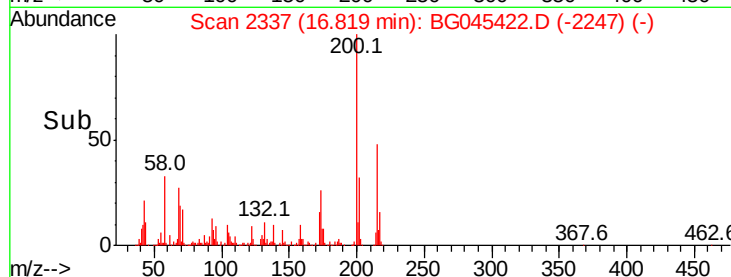
215 47.8 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 47.592 ng

RT: 17.03 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

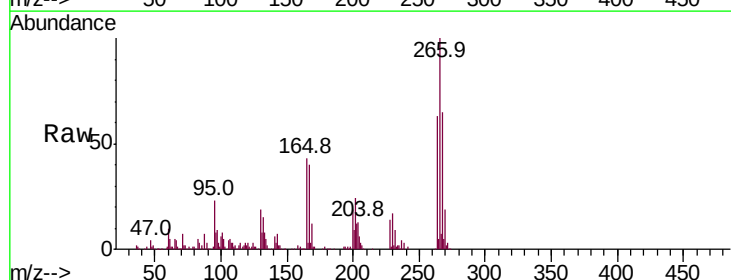
Tgt Ion:266 Resp: 163493

Ion Ratio Lower Upper

266 100

268 65.0 53.2 79.8

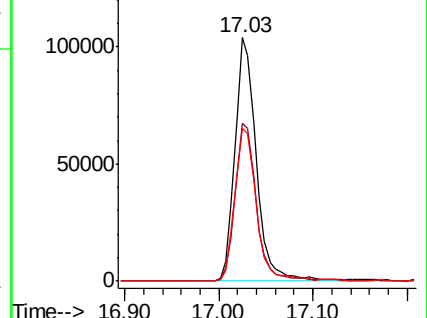
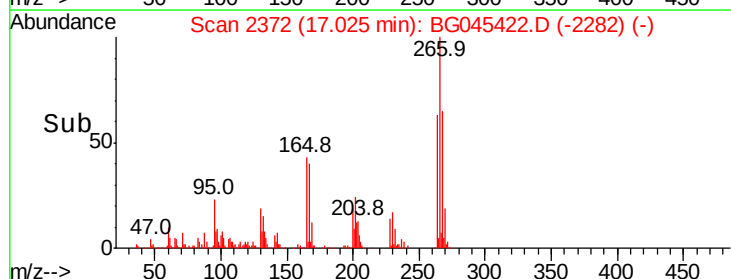
264 62.9 51.0 76.4

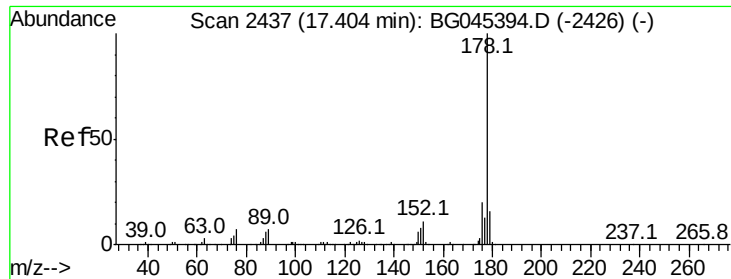


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

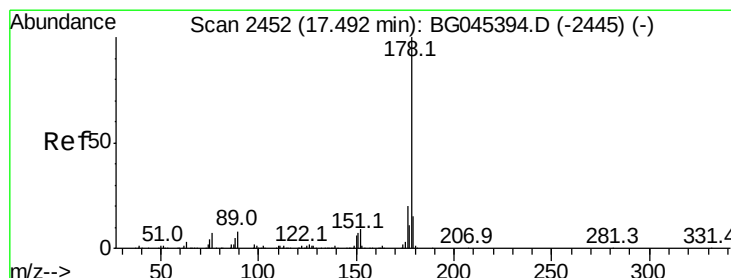
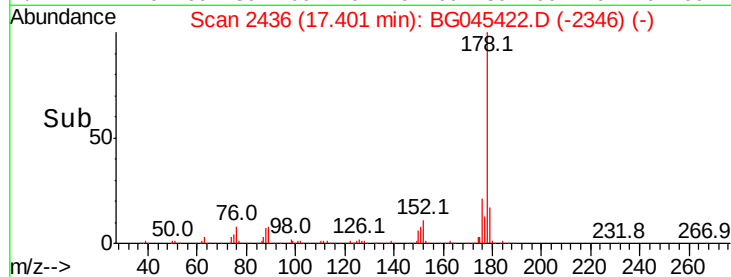
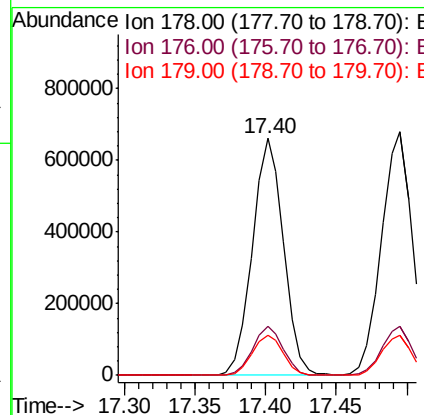
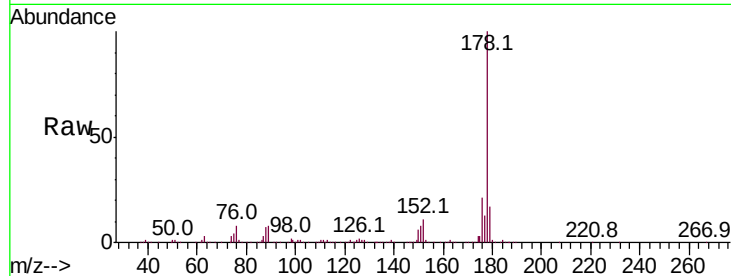




#71
Phenanthrene
Concen: 40.132 ng
RT: 17.40 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

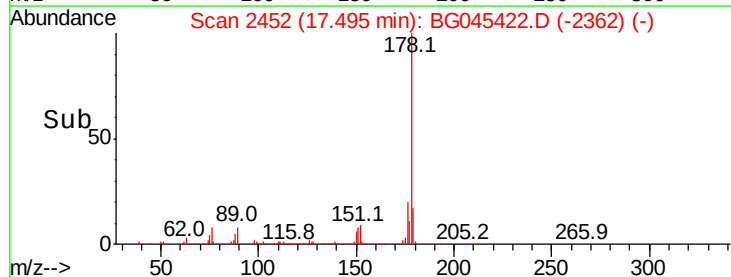
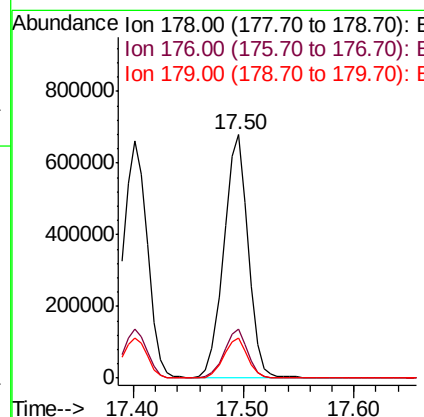
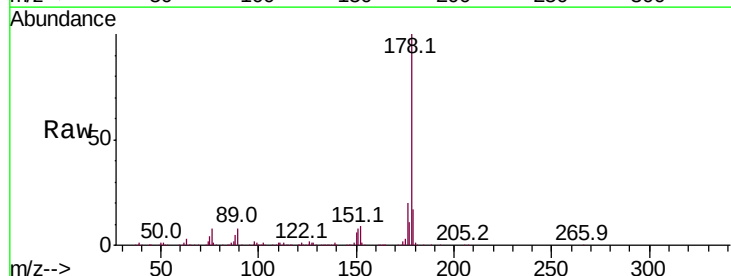
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

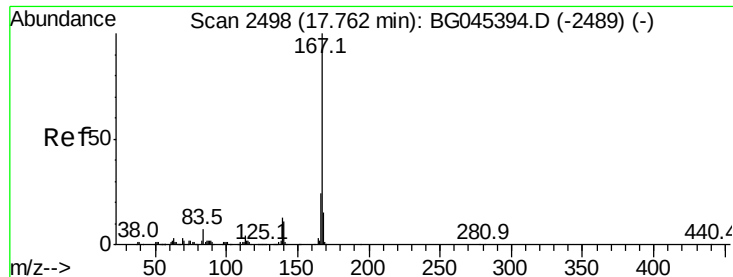
Tot Ion:178 Resp: 1023452
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.9 13.1 19.7



#72
Anthracene
Concen: 40.514 ng
RT: 17.50 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

Tgt Ion:178 Resp: 1037583
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.7 12.2 18.4





#73

Carbazole

Concen: 40.627 ng

RT: 17.77 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

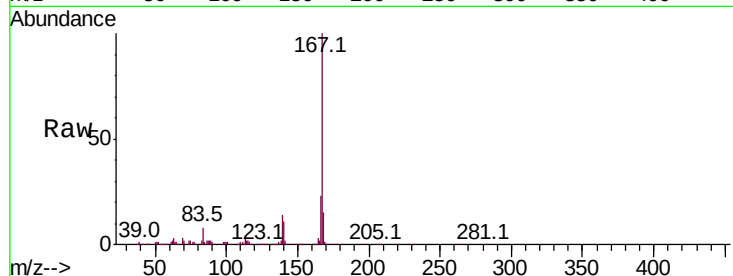
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1014199

Ion	Ratio	Lower	Upper
167	100		
166	23.1	19.2	28.8
139	13.9	10.6	16.0

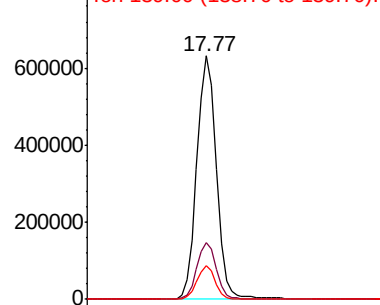


Abundance

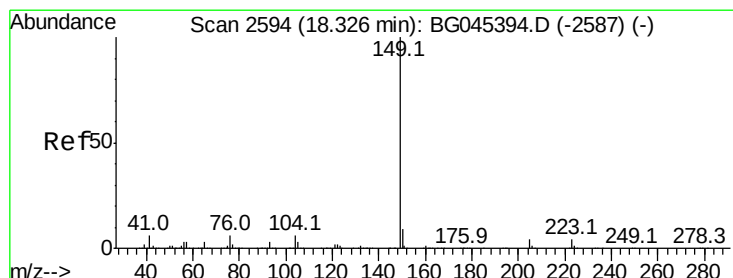
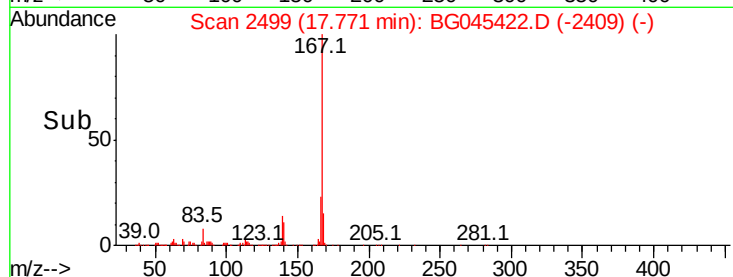
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 40.062 ng

RT: 18.32 min Scan# 2593

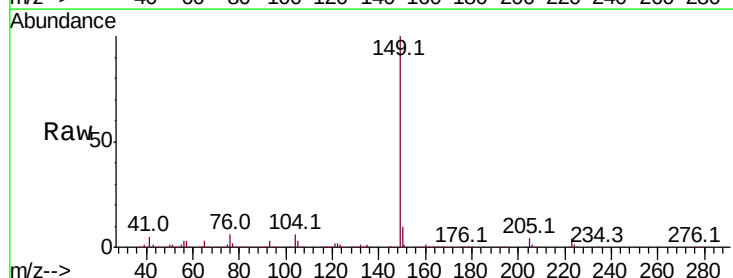
Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Tgt Ion:149 Resp: 1200388

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.6	11.4
104	6.1	5.0	7.4

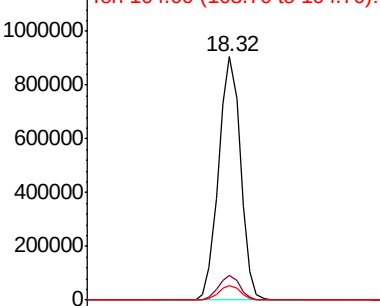


Abundance

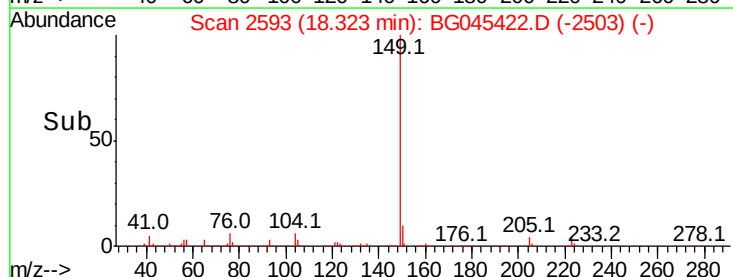
Ion 149.00 (148.70 to 149.70): E

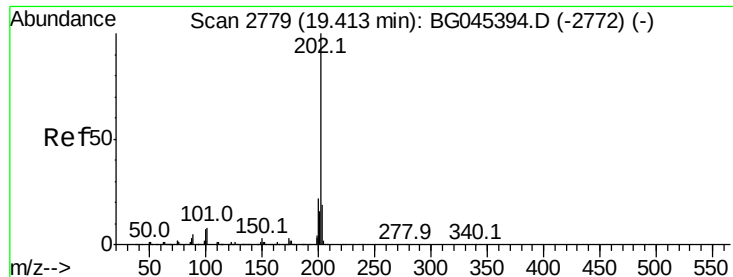
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 39.240 ng

RT: 19.41 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

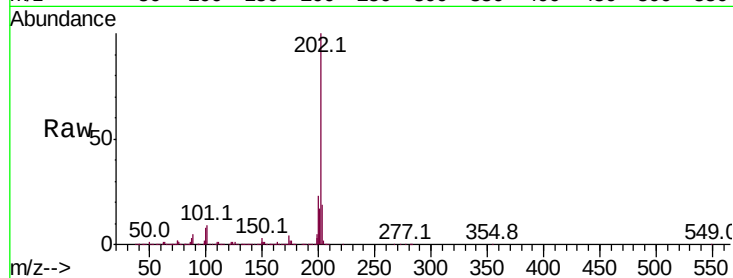
Tot Ion:202 Resp: 1272845

Ion Ratio Lower Upper

202 100

101 9.3 0.0 28.3

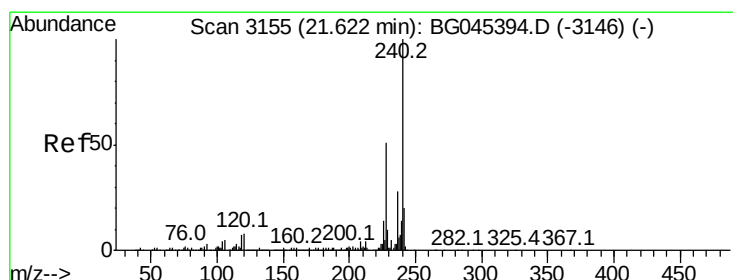
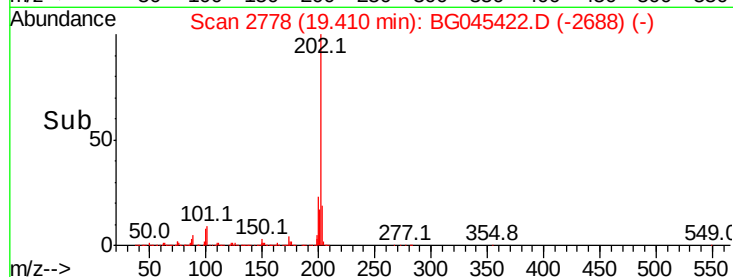
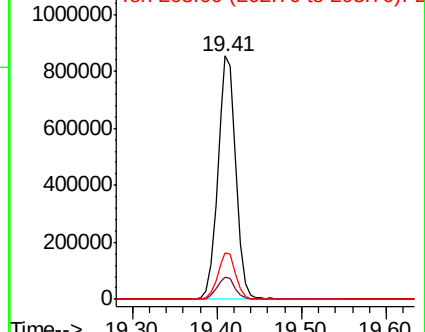
203 19.0 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

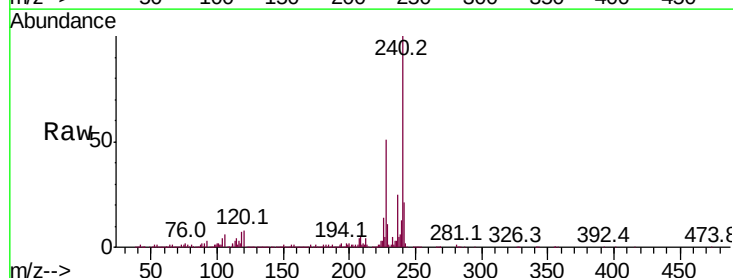
Tgt Ion:240 Resp: 551662

Ion Ratio Lower Upper

240 100

120 7.7 6.1 9.1

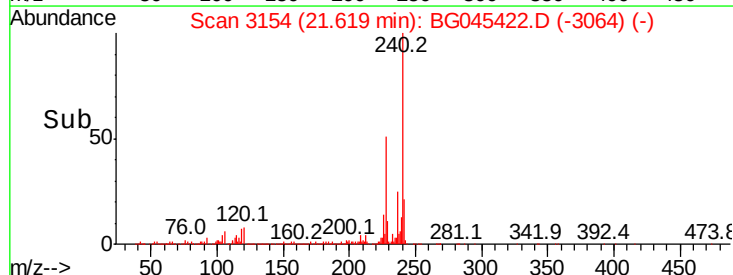
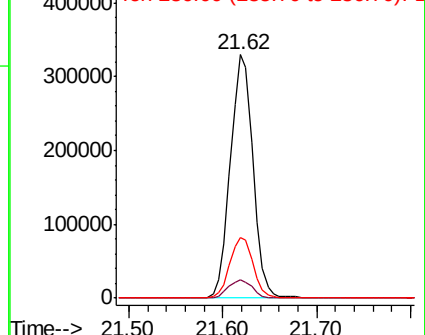
236 25.0 22.3 33.5

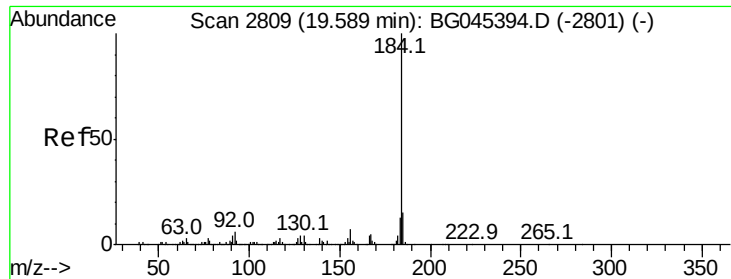


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.341 ng

RT: 19.59 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

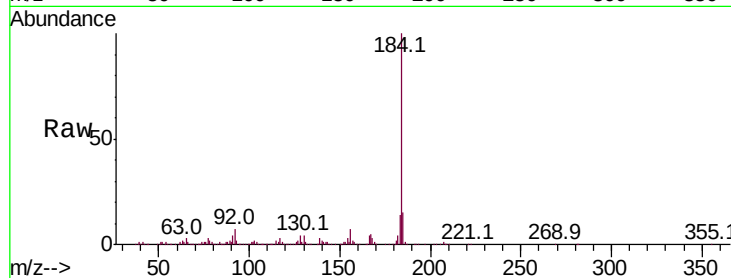
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 609536

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.7	17.5
183	13.7	10.2	15.4

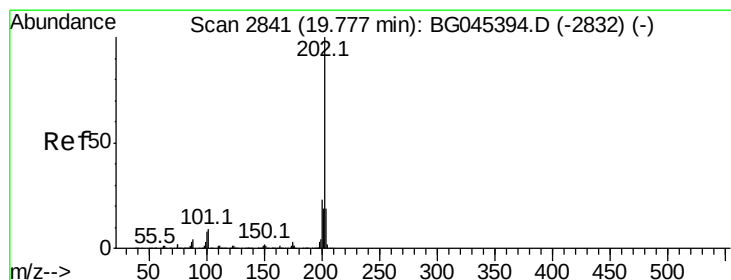
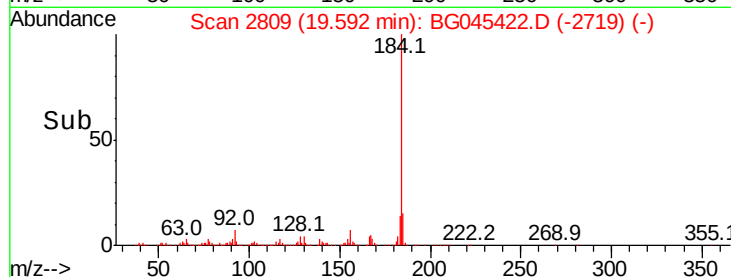
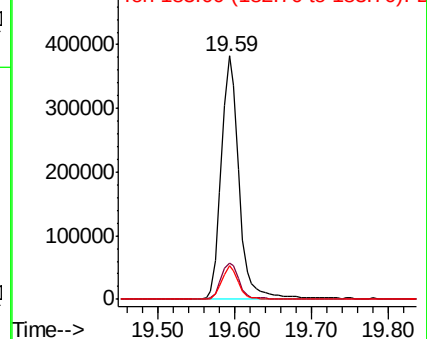


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.935 ng

RT: 19.77 min Scan# 2840

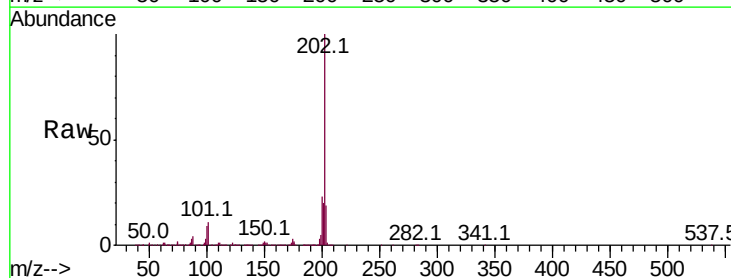
Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Tgt Ion:202 Resp: 1287299

Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.2	27.2
203	19.3	15.1	22.7

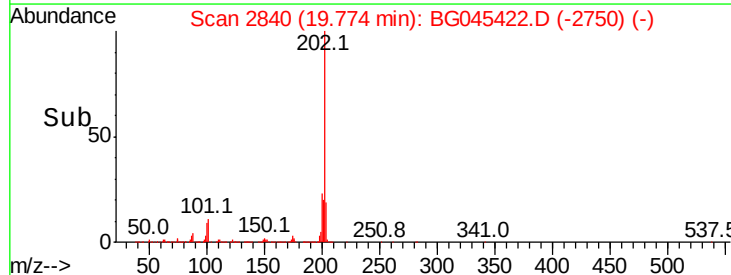
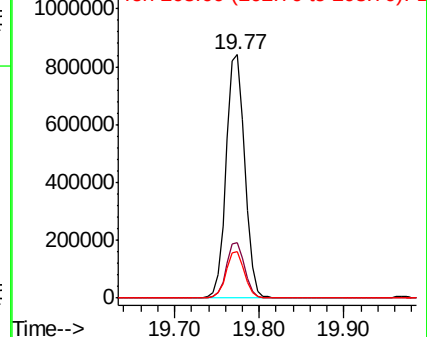


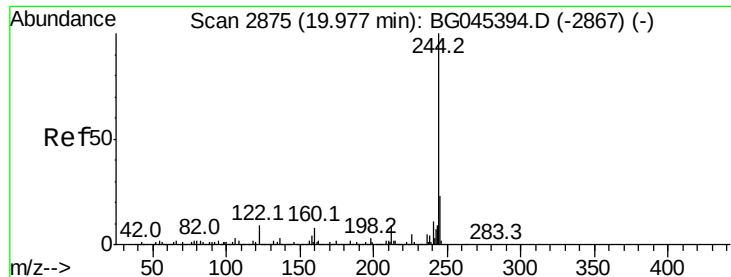
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.356 ng

RT: 19.97 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

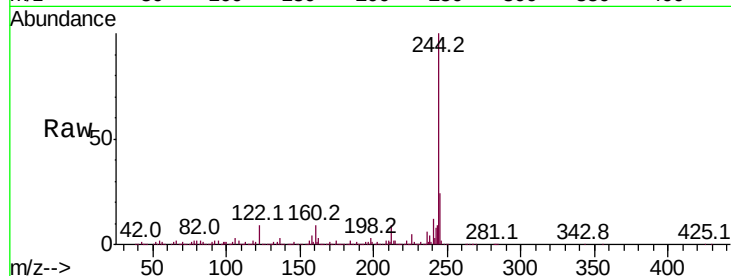
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1877015

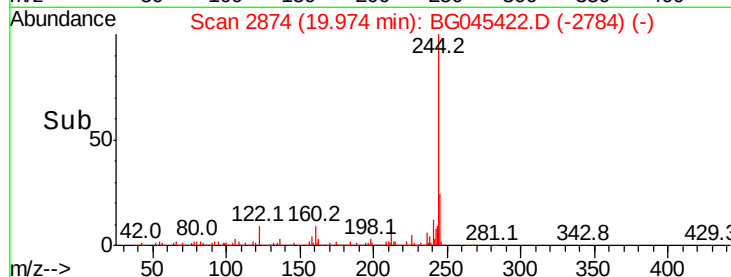
Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.4	11.0
122	9.1	6.8	10.2



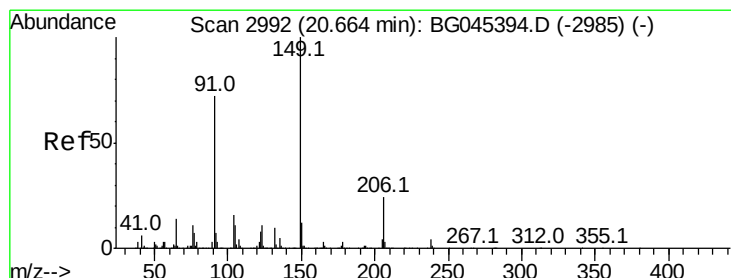
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 40.834 ng

RT: 20.66 min Scan# 2991

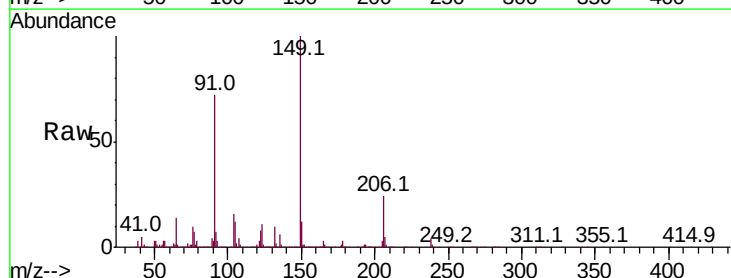
Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Tgt Ion:149 Resp: 554261

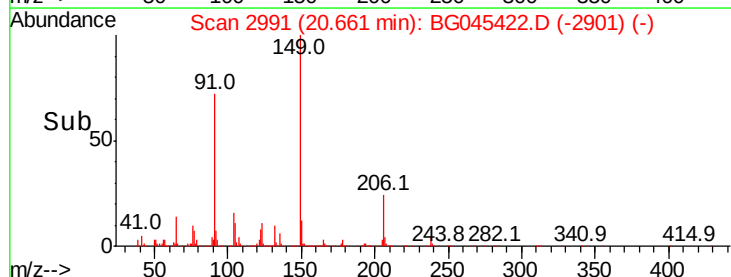
Ion	Ratio	Lower	Upper
149	100		
91	72.4	57.8	86.6
206	24.3	19.1	28.7



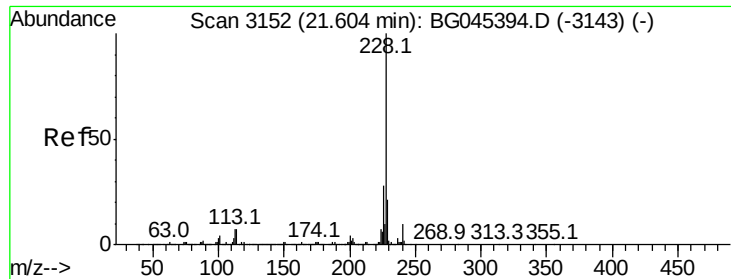
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



Time-->



#81

Benzo(a)anthracene

Concen: 39.645 ng

RT: 21.60 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

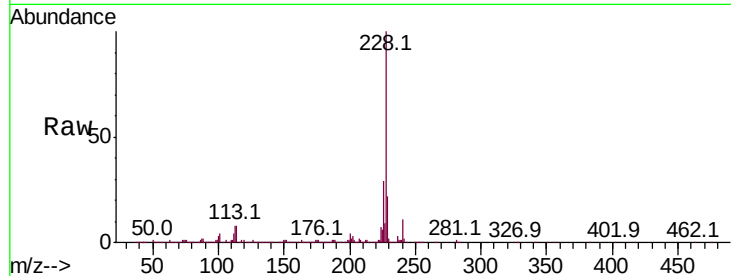
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1218335

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.7	34.1
229	22.2	16.7	25.1

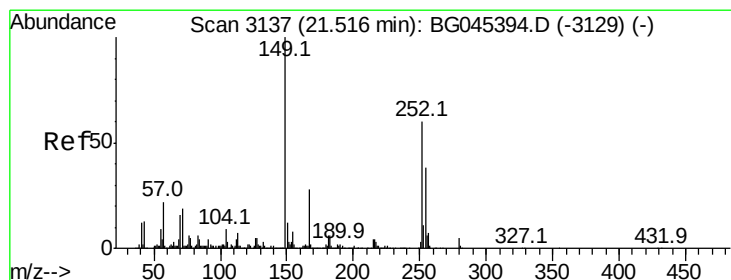
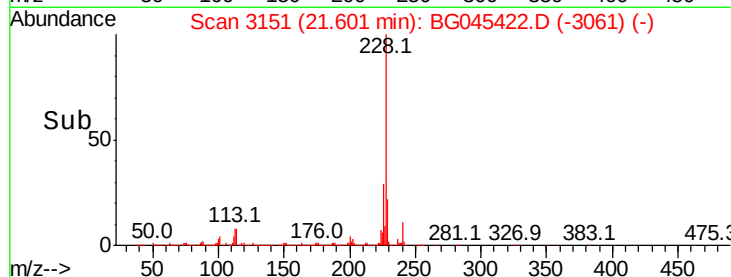
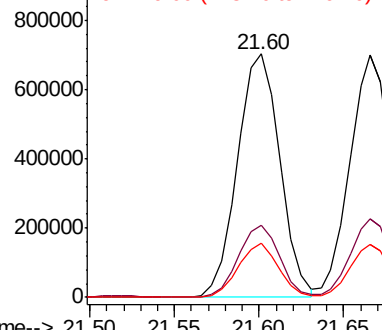


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.866 ng

RT: 21.52 min Scan# 3137

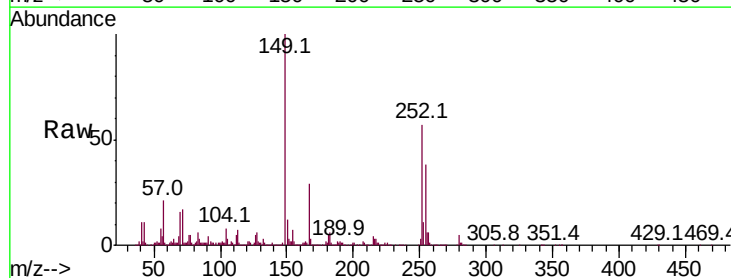
Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Tgt Ion:252 Resp: 468518

Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.3	76.9
126	8.7	6.6	10.0

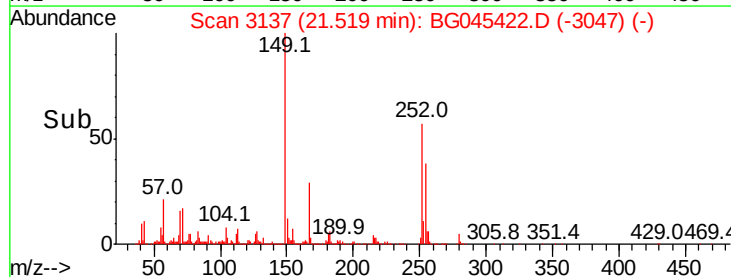
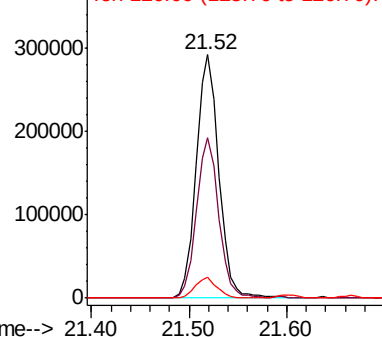


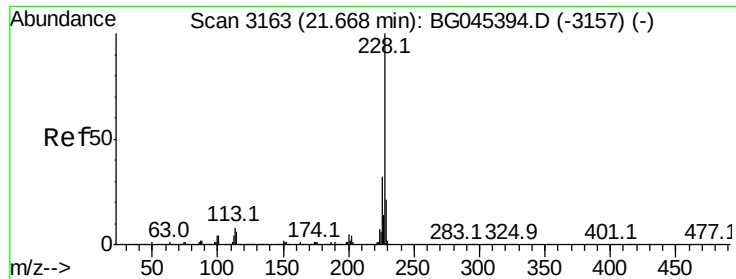
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.672 ng

RT: 21.67 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

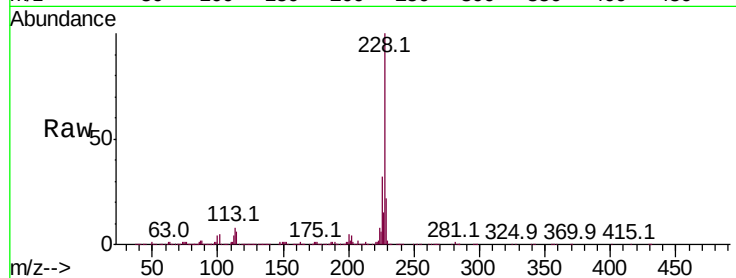
Tot Ion:228 Resp: 1172275

Ion Ratio Lower Upper

228 100

226 32.3 25.2 37.8

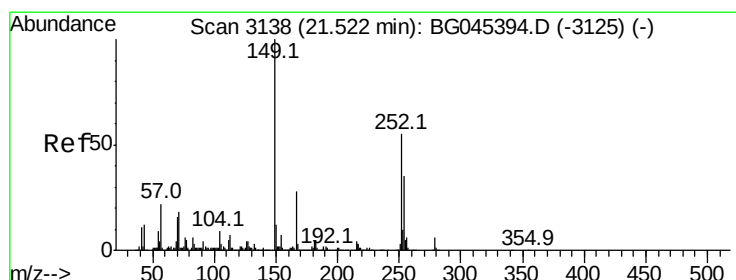
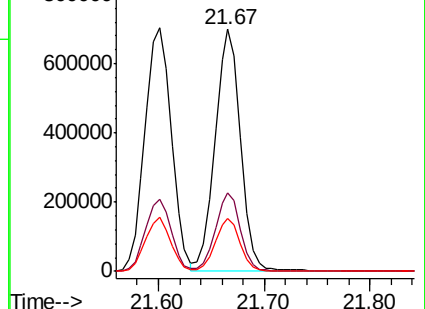
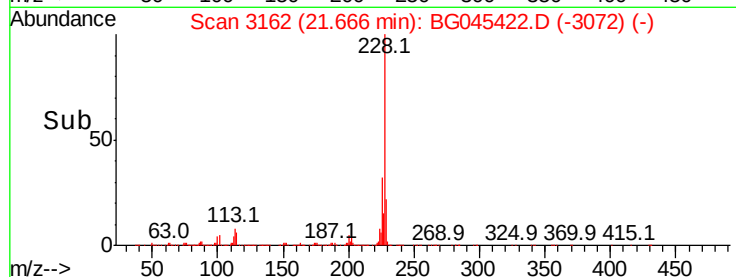
229 21.7 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.199 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

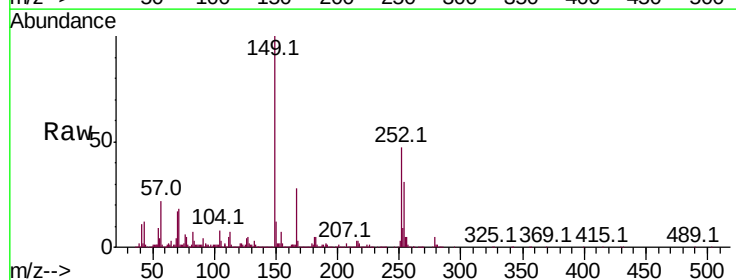
Tgt Ion:149 Resp: 750056

Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.2

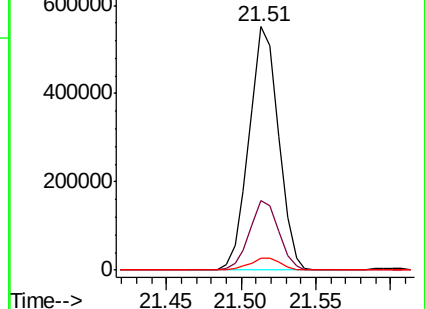
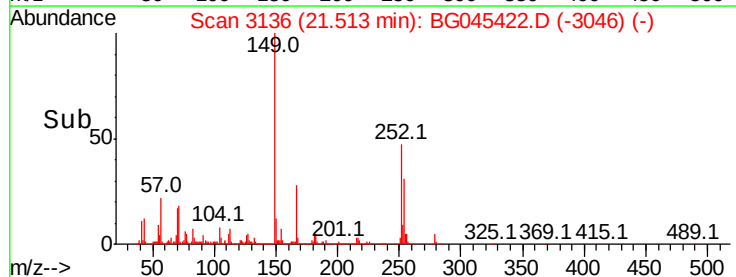
279 4.8 4.7 7.1

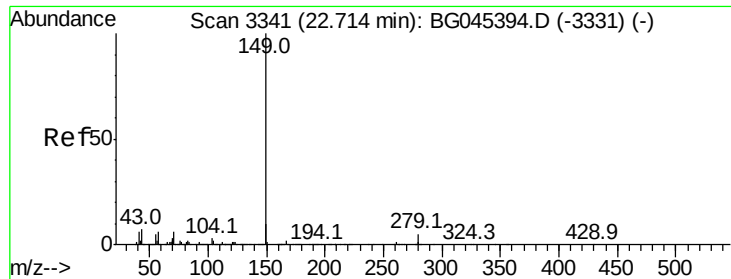


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

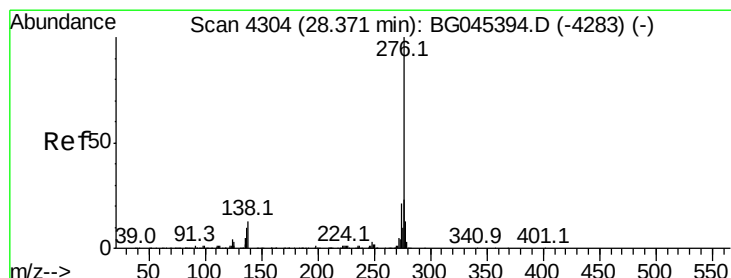
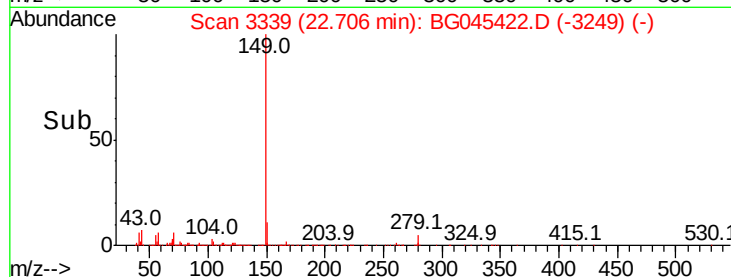
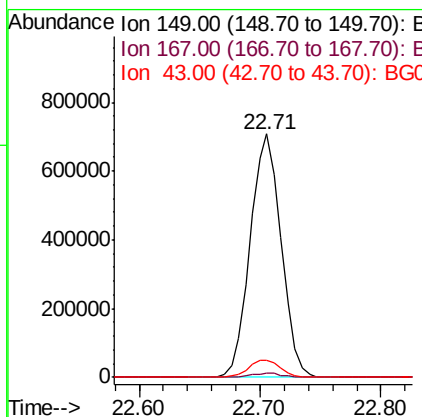
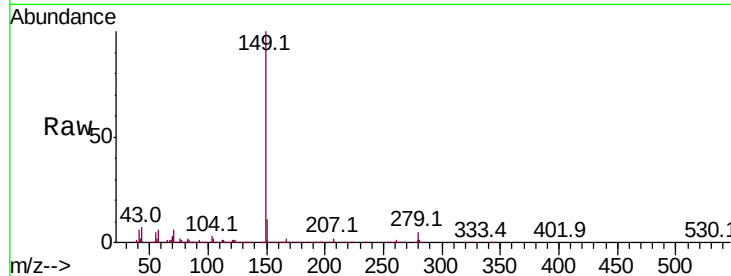




#85
Di-n-octyl phthalate
Concen: 39.420 ng
RT: 22.71 min Scan# 3339
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

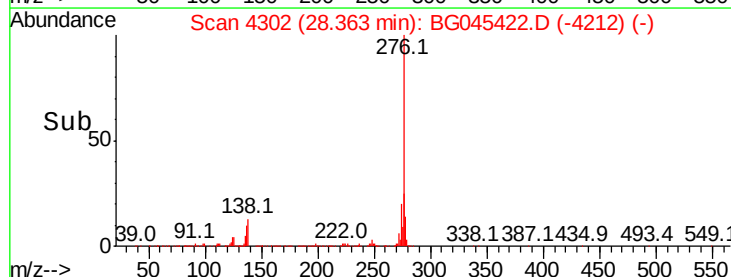
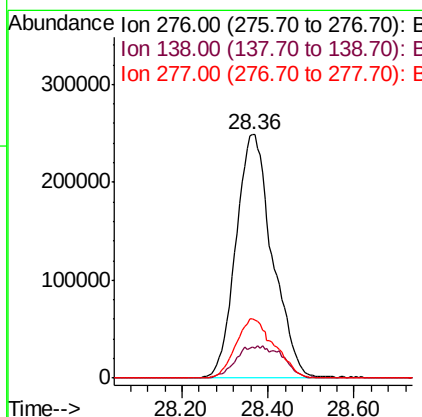
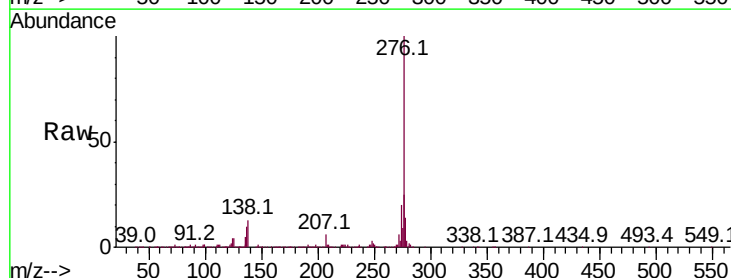
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

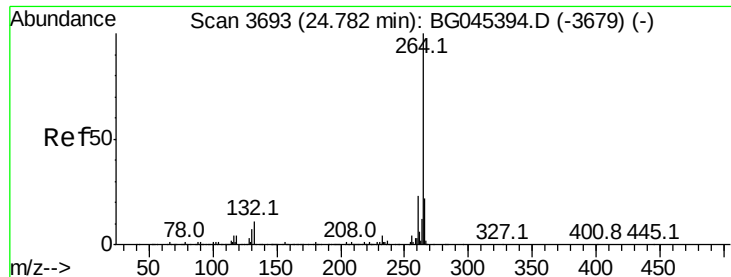
Tot Ion:149 Resp: 1263287
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 7.3 5.8 8.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.265 ng
RT: 28.36 min Scan# 4302
Delta R.T. 0.00 min
Lab File: BG045422.D
Acq: 19 May 2020 11:27

Tgt Ion:276 Resp: 1478599
Ion Ratio Lower Upper
276 100
138 7.1 8.6 12.8#
277 25.7 20.2 30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.77 min Scan# 3691

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

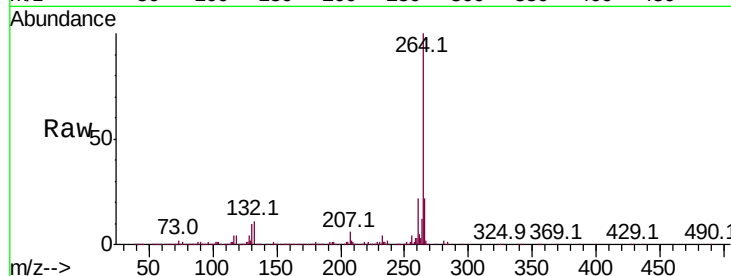
Tot Ion:264 Resp: 598081

Ion Ratio Lower Upper

264 100

260 22.0 18.2 27.4

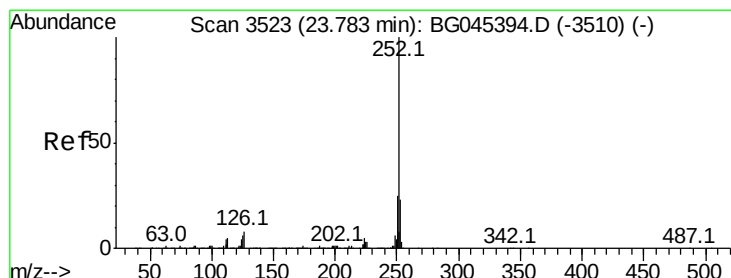
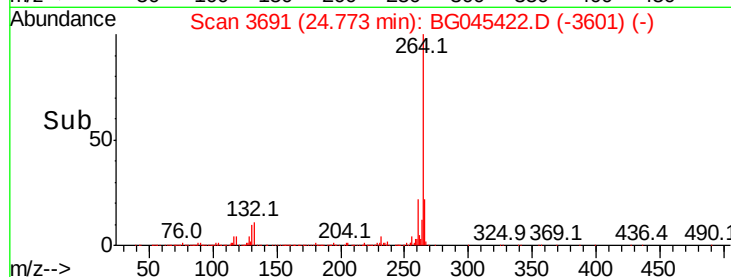
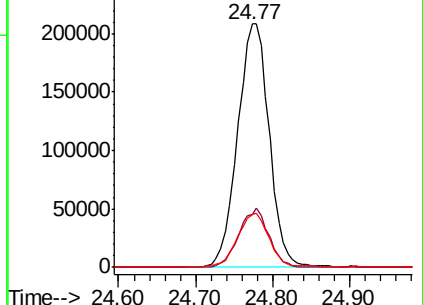
265 21.7 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.975 ng

RT: 23.77 min Scan# 3521

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

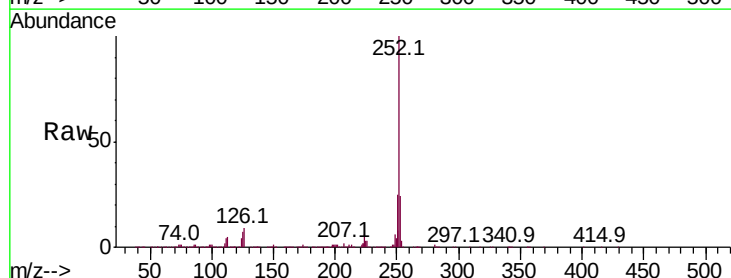
Tgt Ion:252 Resp: 1282227

Ion Ratio Lower Upper

252 100

253 23.6 18.1 27.1

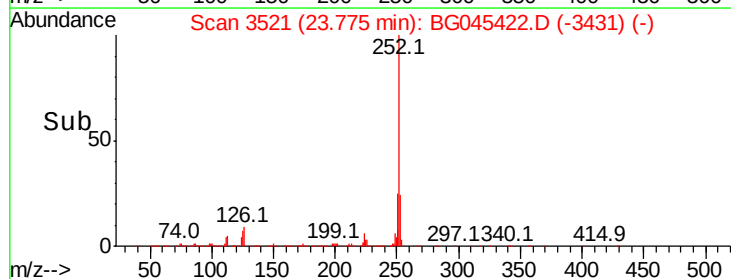
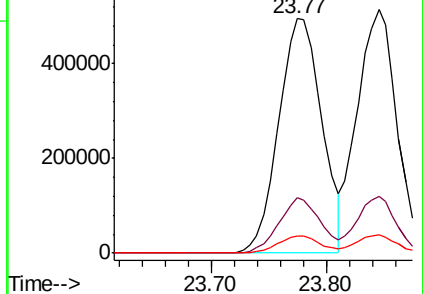
125 7.2 5.0 7.6

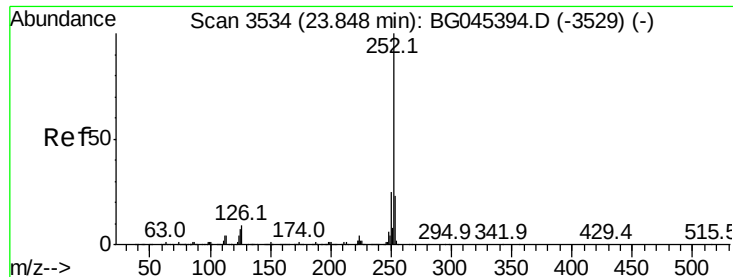


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.934 ng

RT: 23.85 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

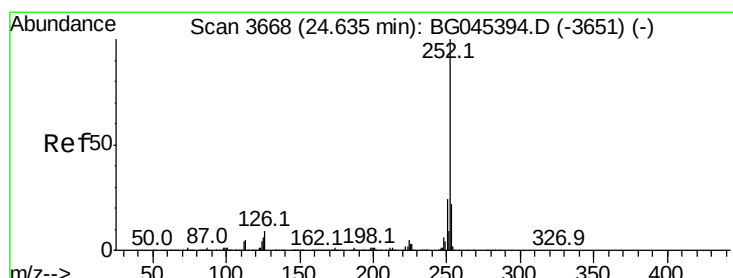
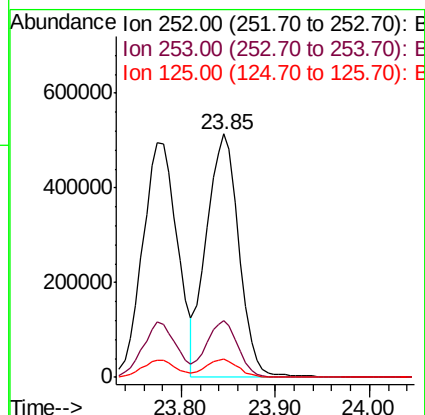
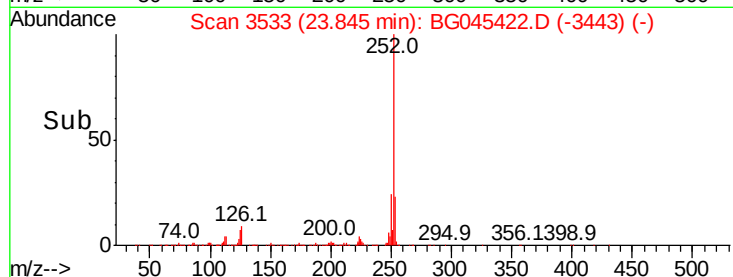
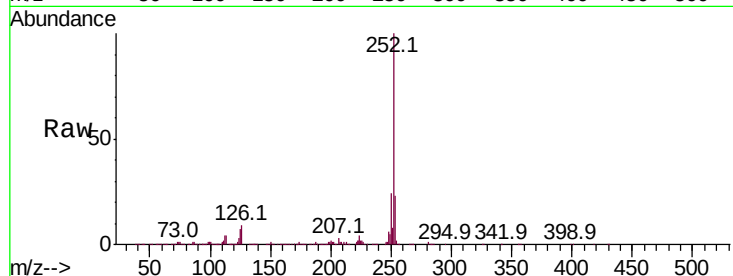
Tot Ion:252 Resp: 1233527

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

125 7.4 5.7 8.5



#90

Benzo(a)pyrene

Concen: 39.858 ng

RT: 24.63 min Scan# 3666

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

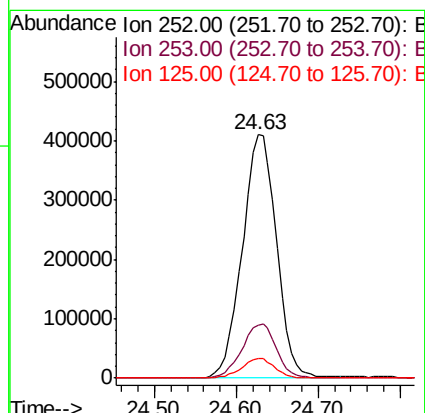
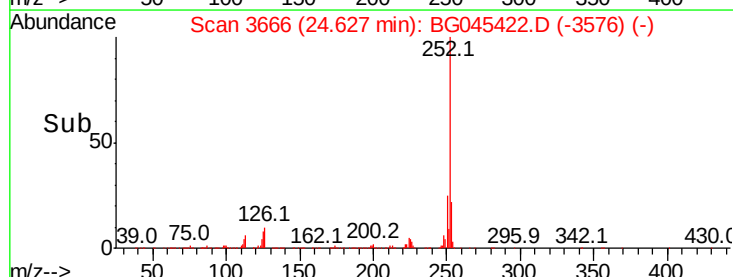
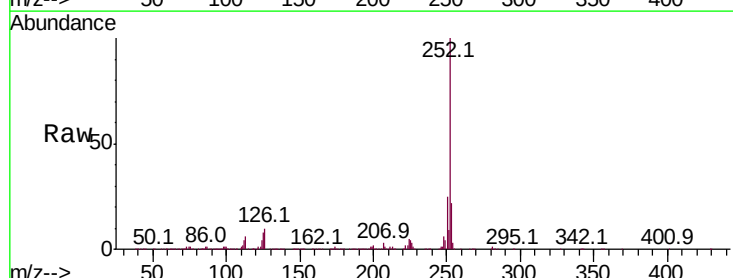
Tgt Ion:252 Resp: 1190692

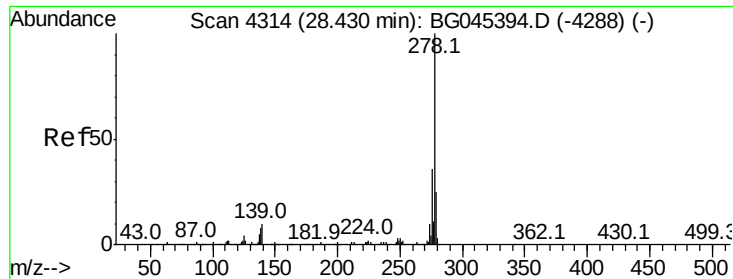
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 8.3 5.0 7.6#





#91

Dibenzo(a,h)anthracene

Concen: 39.381 ng

RT: 28.42 min Scan# 4312

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

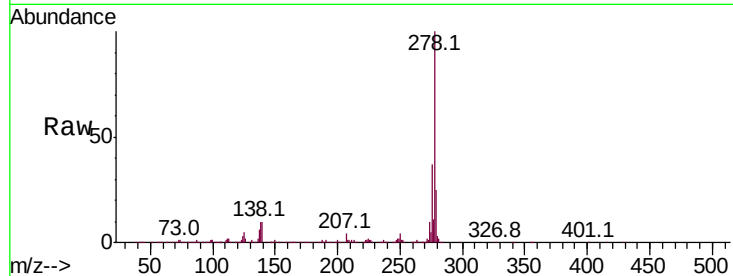
Tot Ion:278 Resp: 1182205

Ion Ratio Lower Upper

278 100

139 10.4 7.8 11.8

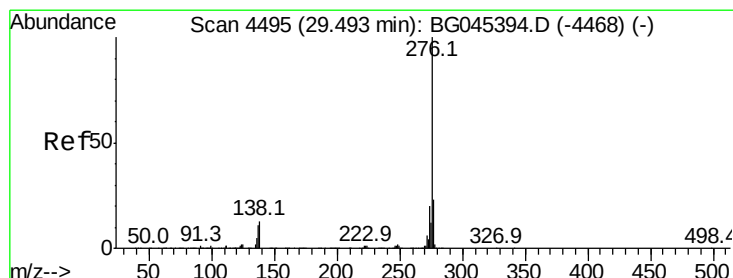
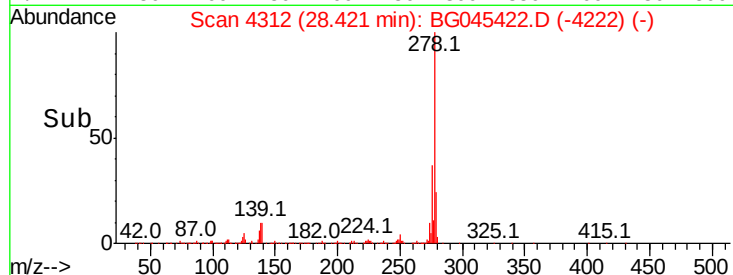
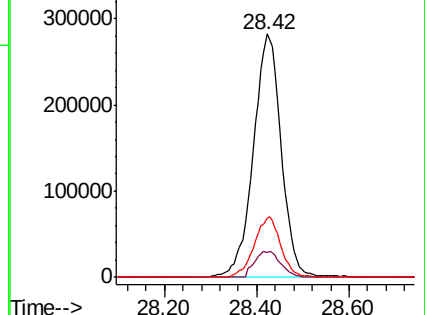
279 24.5 19.8 29.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.335 ng

RT: 29.48 min Scan# 4492

Delta R.T. 0.00 min

Lab File: BG045422.D

Acq: 19 May 2020 11:27

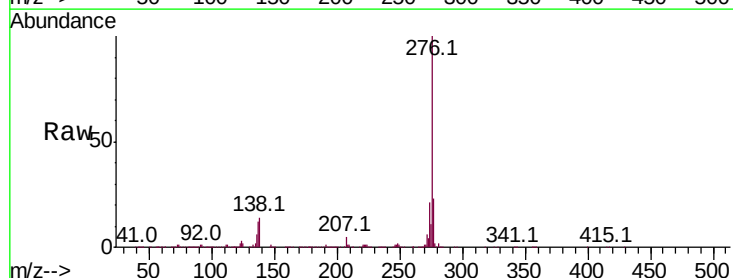
Tgt Ion:276 Resp: 1180967

Ion Ratio Lower Upper

276 100

277 23.4 18.1 27.1

138 14.5 10.2 15.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

