

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052020\
 Data File : BG045436.D
 Acq On : 20 May 2020 15:25
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 20 16:00:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	80724	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	337541	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	246486	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	591128	20.00	ng	0.00
76) Chrysene-d12	21.62	240	553801	20.00	ng	0.00
87) Perylene-d12	24.77	264	620078	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	342796	82.99	ng	0.00
7) Phenol-d6	7.19	99	499344	84.94	ng	0.00
23) Nitrobenzene-d5	9.13	82	490091	79.18	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	248029	78.68	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1155874	79.54	ng	0.00
79) Terphenyl-d14	19.97	244	1901437	80.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	77221	37.700	ng	97
3) Pyridine	3.82	79	235517	41.285	ng	93
4) n-Nitrosodimethylamine	3.73	42	72395	38.782	ng	# 96
6) Aniline	7.30	93	320993	41.825	ng	97
8) 2-Chlorophenol	7.55	128	189155	41.759	ng	99
9) Benzaldehyde	7.10	77	157660	41.161	ng	93
10) Phenol	7.22	94	257806	42.548	ng	95
11) bis(2-Chloroethyl)ether	7.39	93	195534	41.373	ng	99
12) 1,3-Dichlorobenzene	7.86	146	224493	41.241	ng	97
13) 1,4-Dichlorobenzene	8.00	146	222417	41.404	ng	94
14) 1,2-Dichlorobenzene	8.32	146	214750	41.564	ng	97
15) Benzyl Alcohol	8.22	79	204469	42.101	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	188458	42.008	ng	99
17) 2-Methylphenol	8.46	107	196989	43.435	ng	99
18) Hexachloroethane	9.06	117	83170	40.424	ng	89
19) n-Nitroso-di-n-propylamine	8.77	70	178333	43.865	ng	99
20) 3+4-Methylphenols	8.46	107	196989	31.897	ng	78
22) Acetophenone	8.79	105	325560	40.695	ng	# 93
24) Nitrobenzene	9.17	77	260733	39.316	ng	98
25) Isophorone	9.70	82	491975	40.358	ng	97
26) 2-Nitrophenol	9.88	139	116208	40.962	ng	93
27) 2,4-Dimethylphenol	9.98	122	173645	41.269	ng	97
28) bis(2-Chloroethoxy)methane	10.18	93	260133	40.691	ng	98
29) 2,4-Dichlorophenol	10.45	162	207809	41.823	ng	97
30) 1,2,4-Trichlorobenzene	10.64	180	237675	40.481	ng	95
31) Naphthalene	10.82	128	633936	40.303	ng	99
32) Benzoic acid	10.17	122	137790	48.118	ng	97
33) 4-Chloroaniline	10.94	127	278180	42.310	ng	97
34) Hexachlorobutadiene	11.12	225	168868	40.689	ng	98
35) Caprolactam	11.71	113	74658	40.936	ng	91
36) 4-Chloro-3-methylphenol	12.11	107	237050	42.338	ng	97
37) 2-Methylnaphthalene	12.43	142	488502	41.668	ng	98
38) 1-Methylnaphthalene	12.65	142	454374	41.029	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	269652	39.167	ng	99

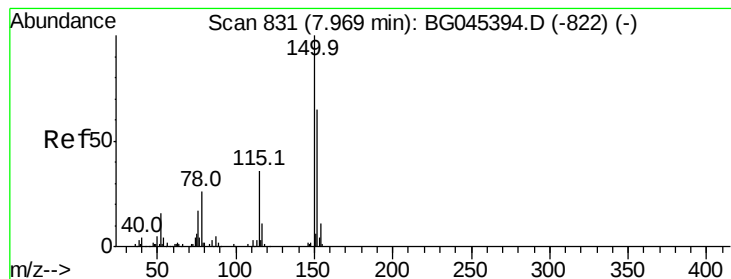
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	157003	39.510	nq	96
43) 2,4,6-Trichlorophenol	13.06	196	189018	39.522	nq	98
44) 2,4,5-Trichlorophenol	13.16	196	221722	40.570	nq	97
46) 1,1'-Biphenyl	13.44	154	596493	39.384	nq	99
47) 2-Chloronaphthalene	13.49	162	488793	39.744	nq	99
48) 2-Nitroaniline	13.70	65	154852	38.277	nq	89
49) Acenaphthylene	14.33	152	791948	40.089	nq	98
50) Dimethylphthalate	14.07	163	666071	39.392	nq	98
51) 2,6-Dinitrotoluene	14.18	165	149937	39.297	nq	94
52) Acenaphthene	14.68	154	466672	35.291	nq	99
53) 3-Nitroaniline	14.53	138	154112	39.734	nq	98
54) 2,4-Dinitrophenol	14.72	184	82535	36.228	nq	92
55) Dibenzofuran	15.01	168	776591	39.547	nq	97
56) 4-Nitrophenol	14.90	139	114357	38.944	nq	98
57) 2,4-Dinitrotoluene	14.98	165	217397	39.342	nq	91
58) Fluorene	15.66	166	648166	40.177	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.25	232	188164	39.134	nq	99
60) Diethylphthalate	15.43	149	680591	38.672	nq	98
61) 4-Chlorophenyl-phenylether	15.65	204	374891	40.609	nq	98
62) 4-Nitroaniline	15.69	138	164368	40.594	nq	97
63) Azobenzene	15.95	77	630583	38.426	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	133015	38.637	nq	97
66) n-Nitrosodiphenylamine	15.87	169	563990	39.737	nq	97
67) 4-Bromophenyl-phenylether	16.55	248	263437	41.156	nq	96
68) Hexachlorobenzene	16.67	284	273105	40.793	nq	96
69) Atrazine	16.82	200	227095	38.847	nq	98
70) Pentachlorophenol	17.03	266	121780	35.032	nq	97
71) Phenanthrene	17.40	178	1020343	39.539	nq	100
72) Anthracene	17.49	178	1023747	39.504	nq	98
73) Carbazole	17.77	167	1000570	39.609	nq	99
74) Di-n-butylphthalate	18.32	149	1164027	38.392	nq	98
75) Fluoranthene	19.41	202	1276199	38.880	nq	99
77) Benzidine	19.59	184	532067	34.208	nq	99
78) Pyrene	19.77	202	1273324	40.335	nq	99
80) Butylbenzylphthalate	20.66	149	541190	39.717	nq	98
81) Benzo(a)anthracene	21.60	228	1235653	40.053	nq	99
82) 3,3'-Dichlorobenzidine	21.52	252	482527	39.873	nq	99
83) Chrysene	21.66	228	1193781	40.244	nq	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	748613	39.967	nq	99
85) Di-n-octyl phthalate	22.70	149	1275959	39.662	nq	99
86) Indeno(1,2,3-cd)pyrene	28.35	276	1553059	40.037	nq	# 95
88) Benzo(b)fluoranthene	23.77	252	1316814	39.597	nq	98
89) Benzo(k)fluoranthene	23.84	252	1278418	40.918	nq	100
90) Benzo(a)pyrene	24.62	252	1245070	40.200	nq	97
91) Dibenzo(a,h)anthracene	28.41	278	1245241	40.010	nq	98
92) Benzo(g,h,i)perylene	29.48	276	1236518	39.724	nq	97

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

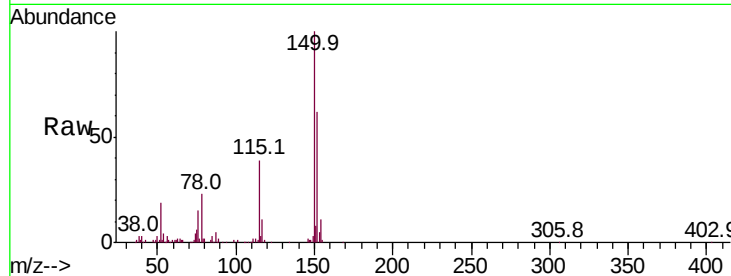


#1

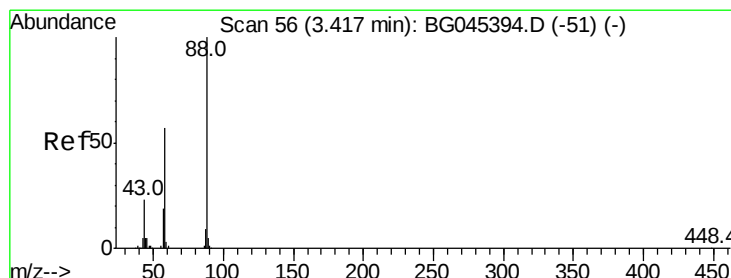
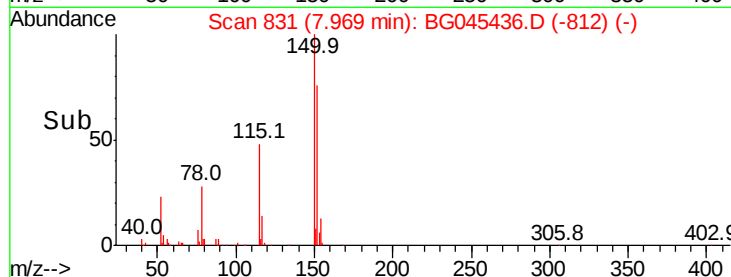
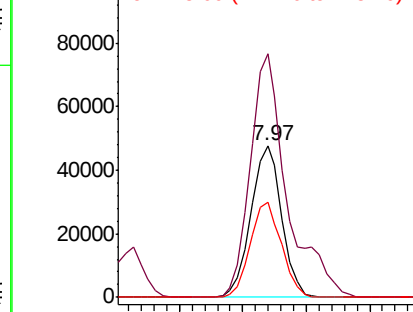
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 80724
Ion Ratio Lower Upper
152 100
150 160.3 122.4 183.6
115 62.6 44.2 66.4



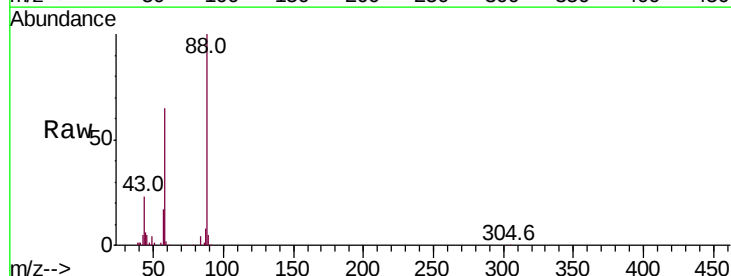
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



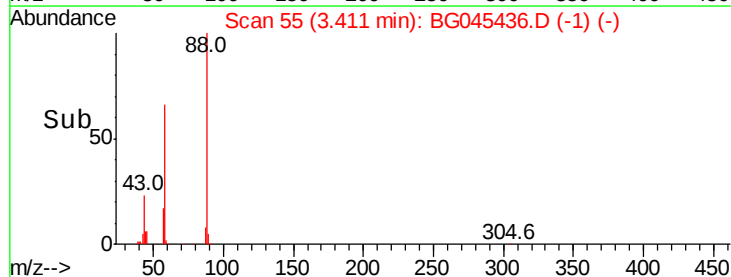
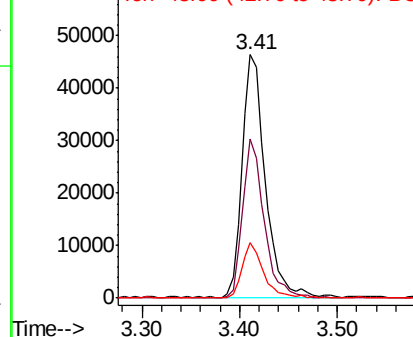
#2

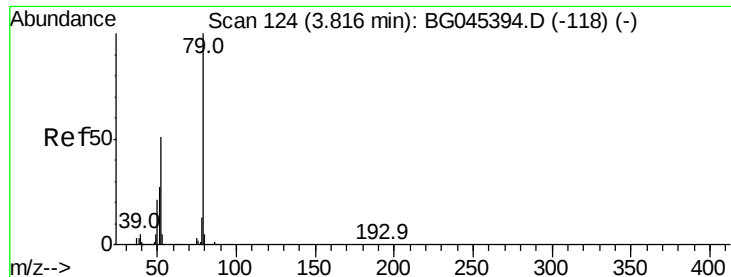
1,4-Dioxane
Concen: 37.700 ng
RT: 3.41 min Scan# 55
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

Tgt Ion: 88 Resp: 77221
Ion Ratio Lower Upper
88 100
58 59.8 45.7 68.5
43 20.9 16.8 25.2



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





#3

Pvridine

Concen: 41.285 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

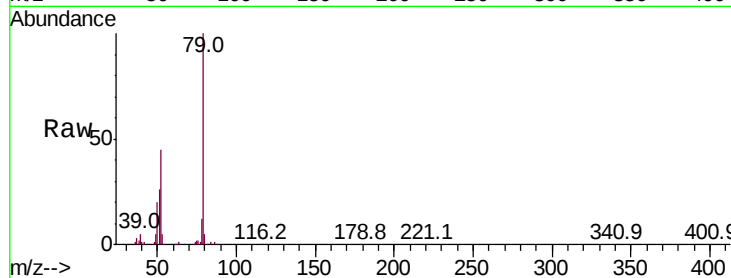
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 79 Resp: 235517

Ion	Ratio	Lower	Upper
79	100		
52	44.7	40.8	61.2
51	26.3	21.9	32.9

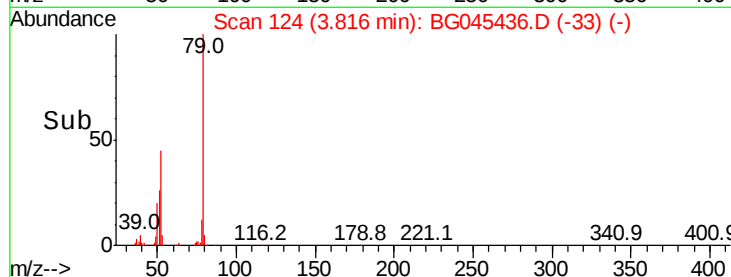


Abundance Ion 79.00 (78.70 to 79.70): BGC

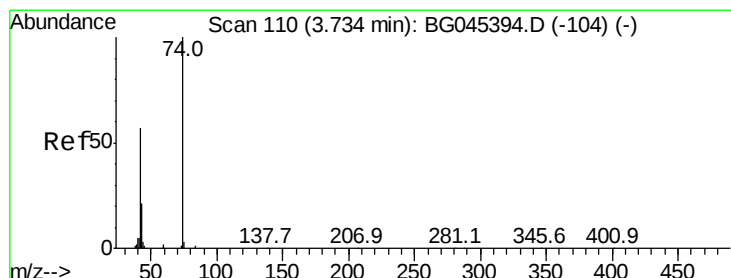
Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

3.82



Time-->



#4

n-Nitrosodimethylamine

Concen: 38.782 ng

RT: 3.73 min Scan# 109

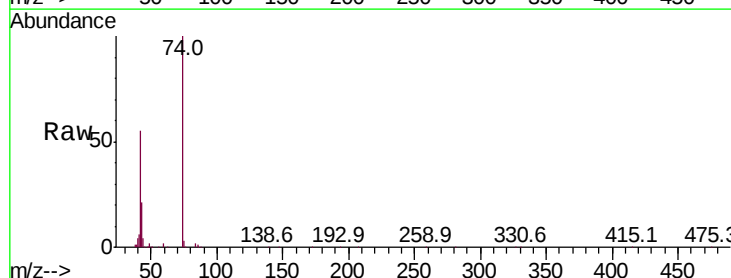
Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Tgt Ion: 42 Resp: 72395

Ion	Ratio	Lower	Upper
42	100		
74	182.9	141.3	211.9
44	6.4	4.2	6.4

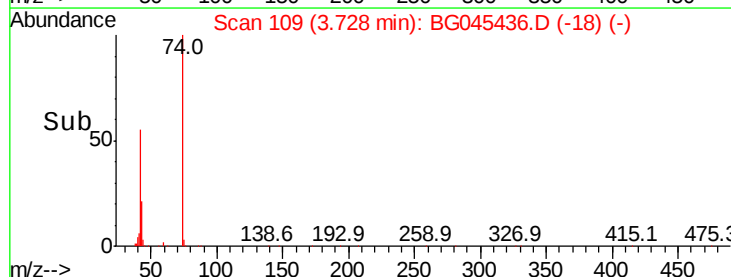


Abundance Ion 42.00 (41.70 to 42.70): BGC

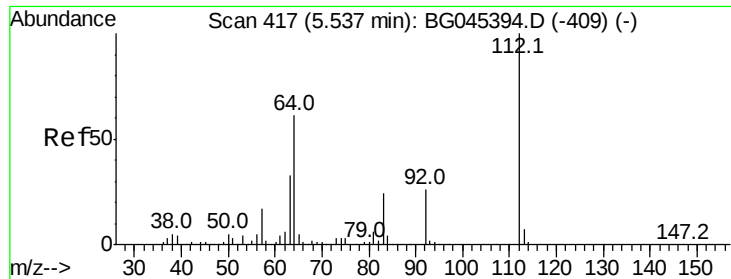
Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC

3.73



Time-->



#5

2-Fluorophenol

Concen: 82.990 ng

RT: 5.57 min Scan# 423

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

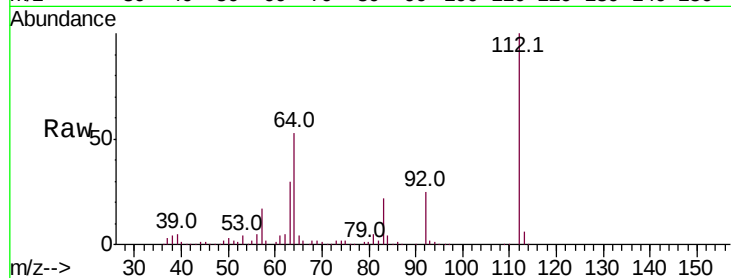
Tot Ion:112 Resp: 342796

Ion Ratio Lower Upper

112 100

64 53.2 48.6 72.8

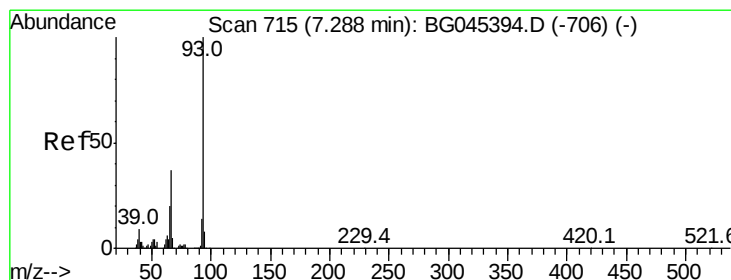
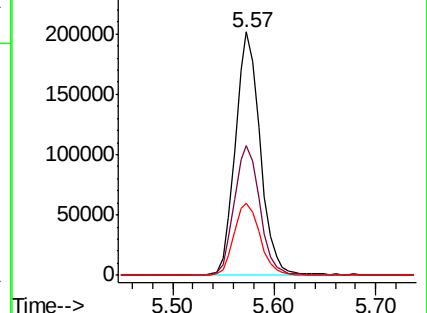
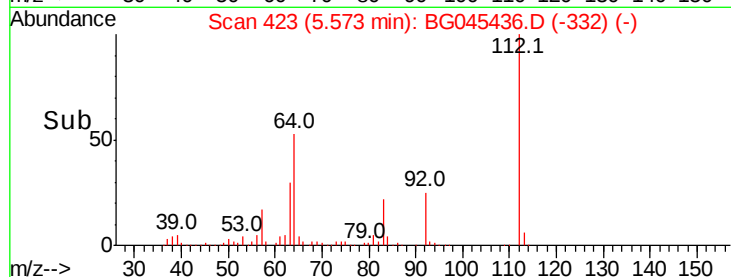
63 29.8 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.825 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

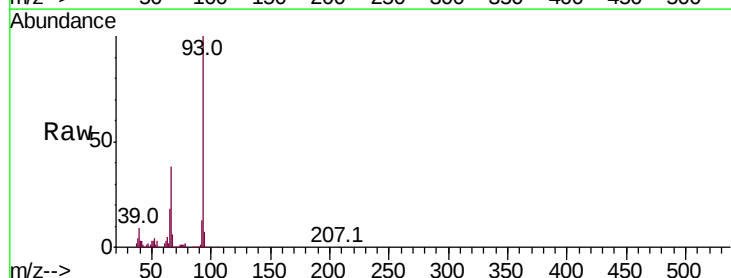
Tgt Ion: 93 Resp: 320993

Ion Ratio Lower Upper

93 100

66 38.4 29.6 44.4

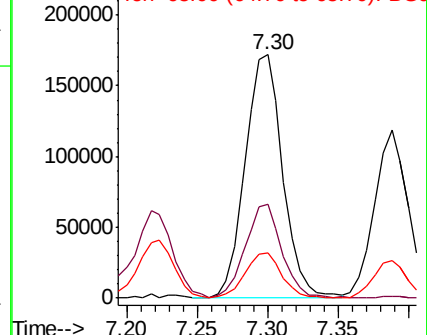
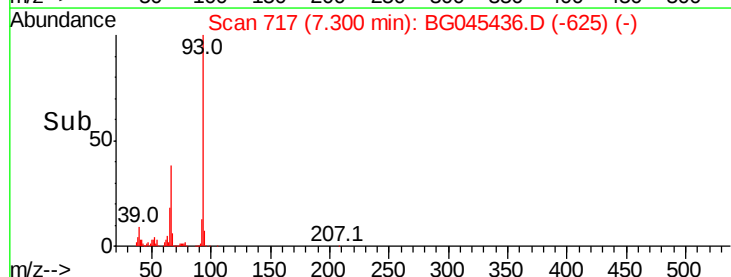
65 18.4 15.9 23.9

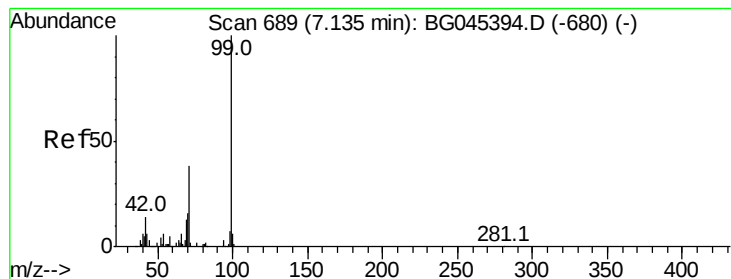


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 84.936 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

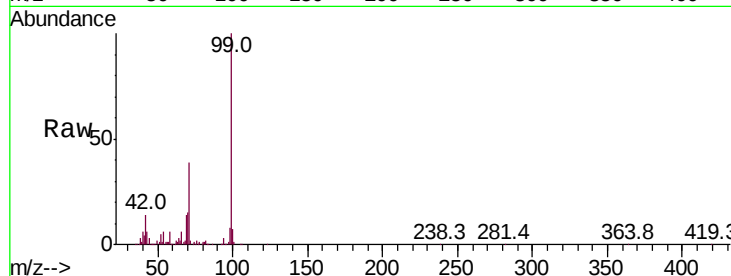
Tot Ion: 99 Resp: 499344

Ion Ratio Lower Upper

99 100

42 13.8 11.3 16.9

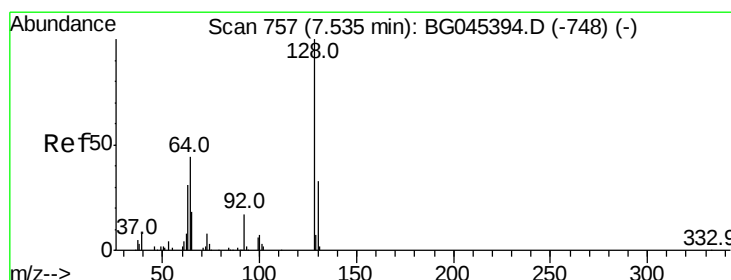
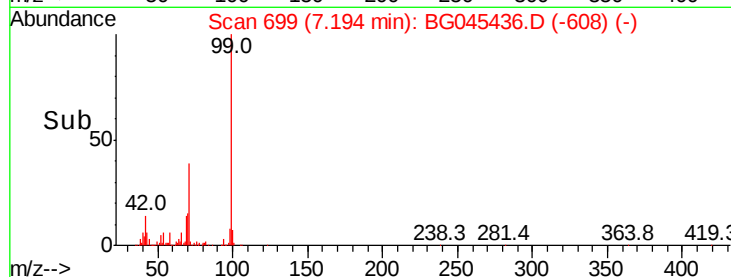
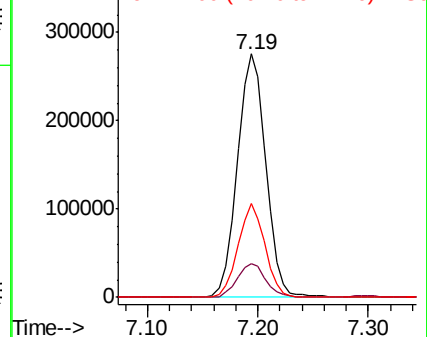
71 38.7 30.8 46.2



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: 41.759 ng

RT: 7.55 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

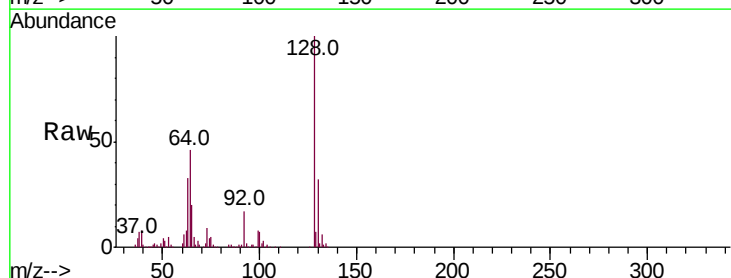
Tgt Ion: 128 Resp: 189155

Ion Ratio Lower Upper

128 100

130 31.9 12.6 52.6

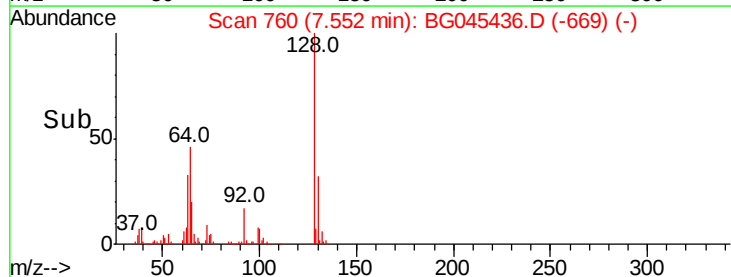
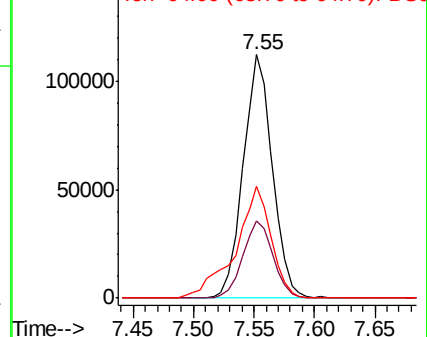
64 46.0 27.0 67.0

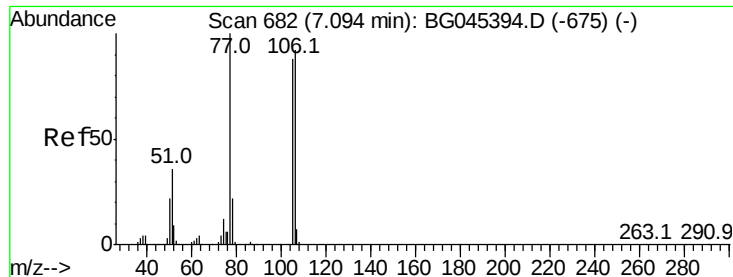


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

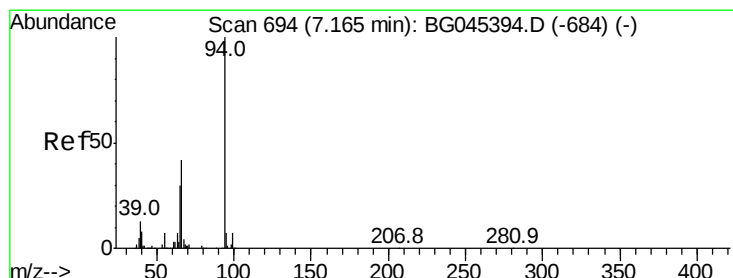
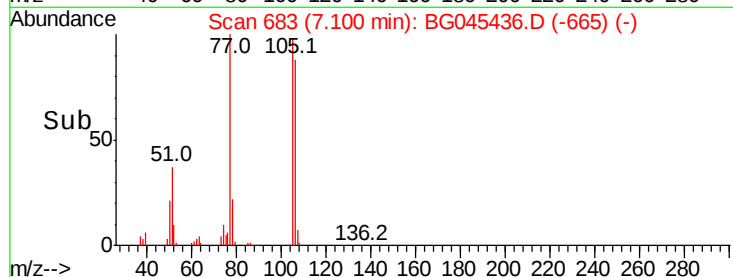
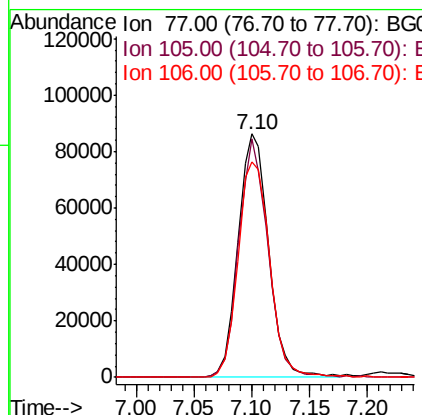
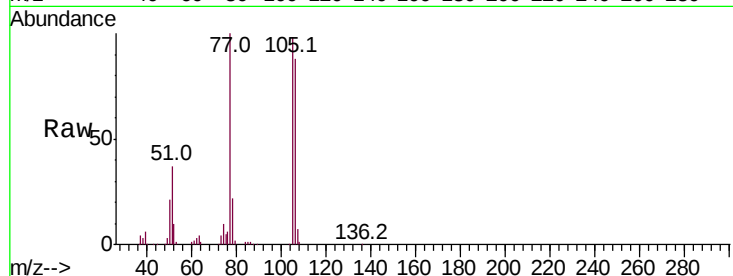




#9
Benzaldehyde
Concen: 41.161 ng
RT: 7.10 min Scan# 683
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

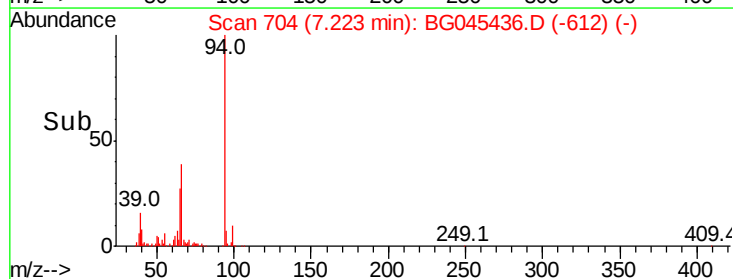
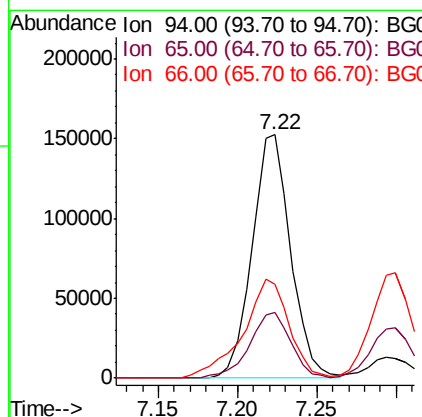
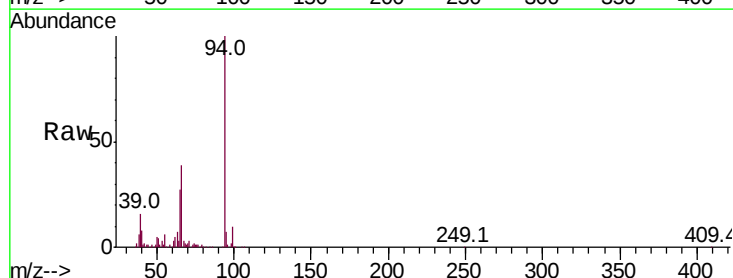
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

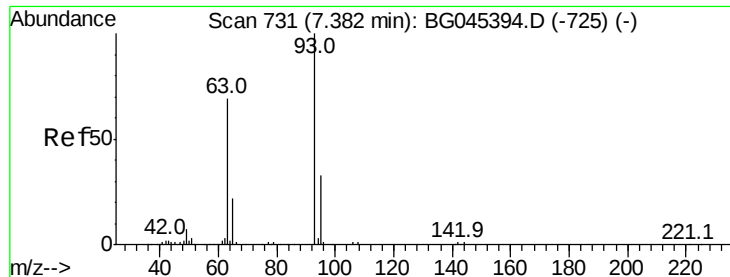
Tot Ion: 77 Resp: 157660
Ion Ratio Lower Upper
77 100
105 97.9 68.5 108.5
106 88.3 71.6 111.6



#10
Phenol
Concen: 42.548 ng
RT: 7.22 min Scan# 704
Delta R.T. 0.01 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

Tgt Ion: 94 Resp: 257806
Ion Ratio Lower Upper
94 100
65 26.7 9.8 49.8
66 38.6 22.0 62.0

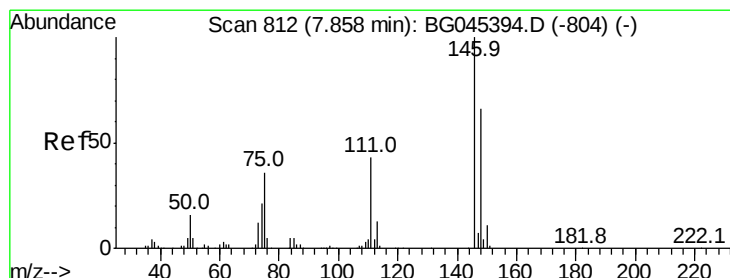
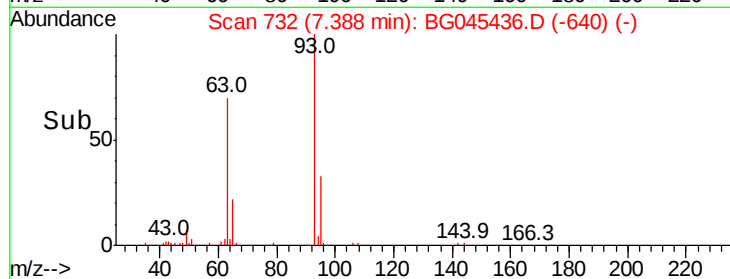
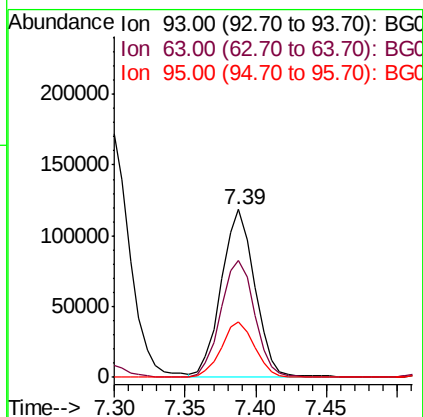
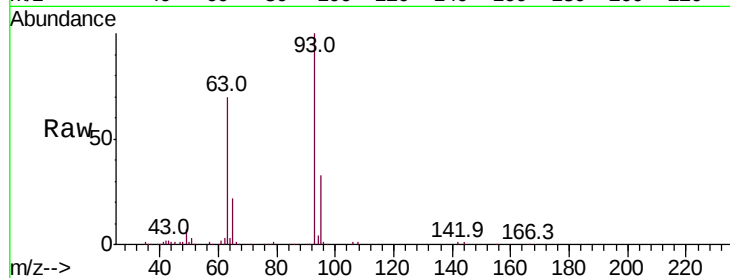




#11
bis(2-Chloroethyl)ether
Concen: 41.373 ng
RT: 7.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

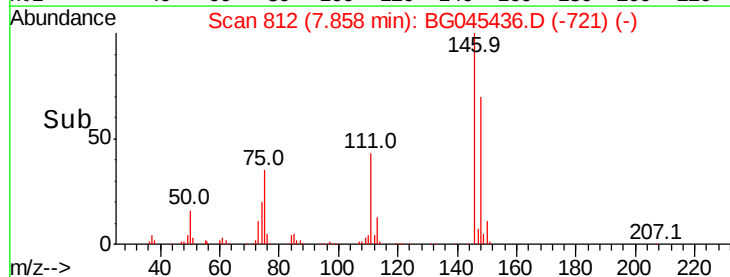
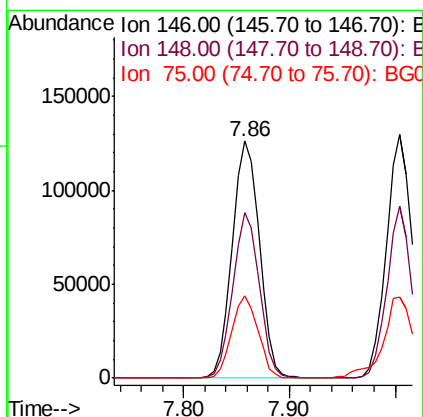
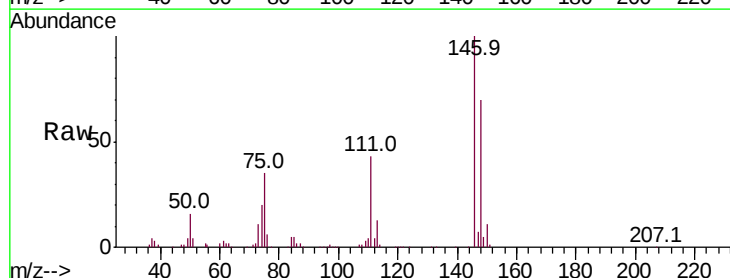
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

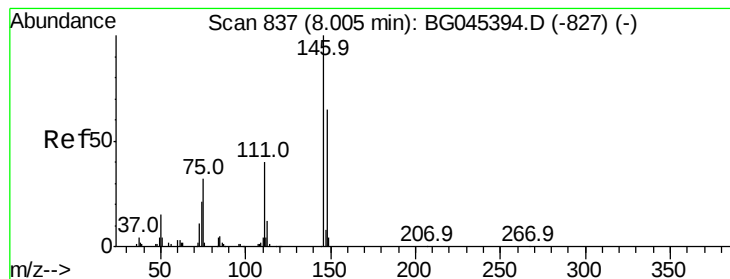
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.6	48.4	88.4
95	32.9	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 41.241 ng
RT: 7.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.7	53.2	79.8
75	35.0	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 41.404 ng

RT: 8.00 min Scan# 837

Delta R.T. 0.01 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

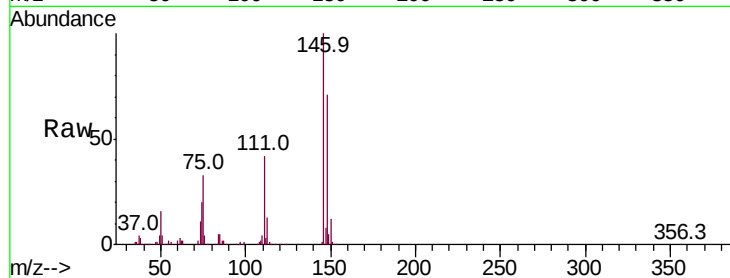
Tot Ion:146 Resp: 222417

Ion Ratio Lower Upper

146 100

148 70.7 51.8 77.8

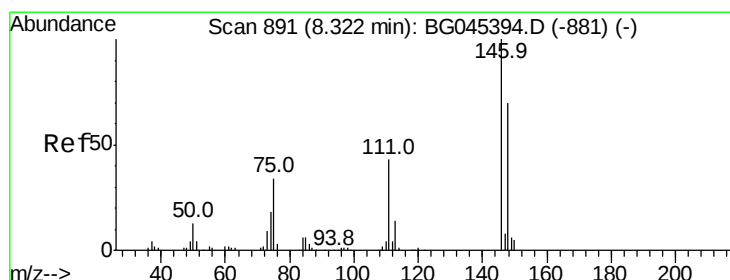
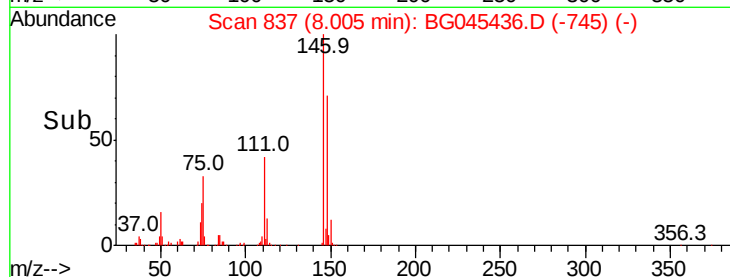
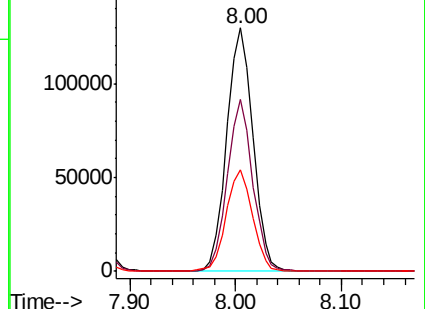
111 41.8 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.564 ng

RT: 8.32 min Scan# 891

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

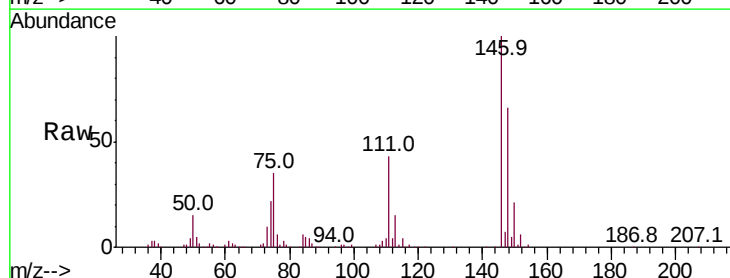
Tgt Ion:146 Resp: 214750

Ion Ratio Lower Upper

146 100

148 66.4 55.9 83.9

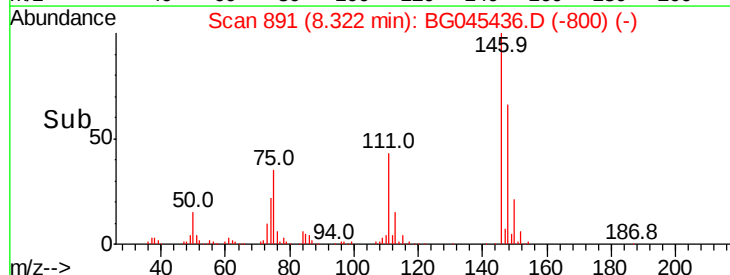
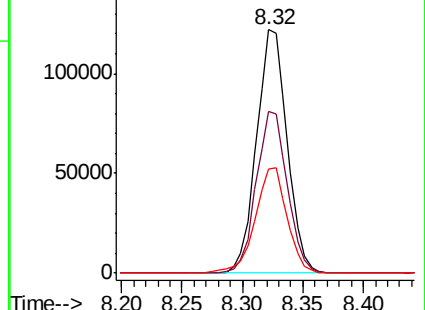
111 42.9 35.0 52.4

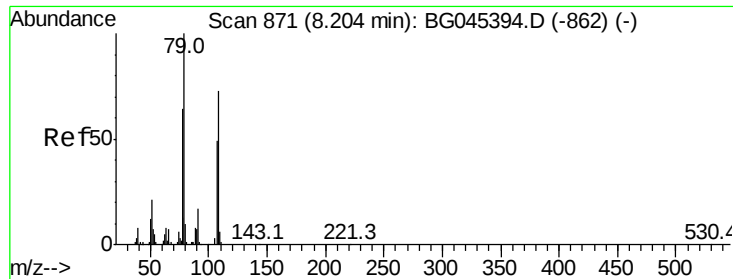


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.101 ng

RT: 8.22 min Scan# 874

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

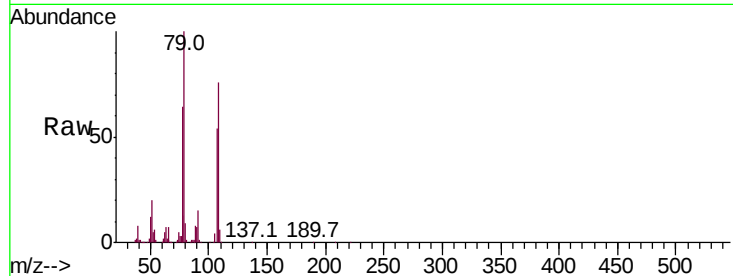
Tot Ion: 79 Resp: 204469

Ion Ratio Lower Upper

79 100

108 76.5 58.2 87.4

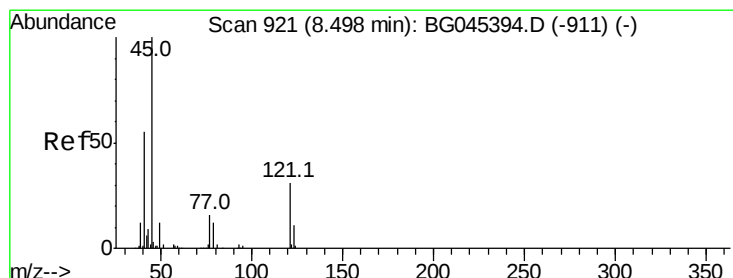
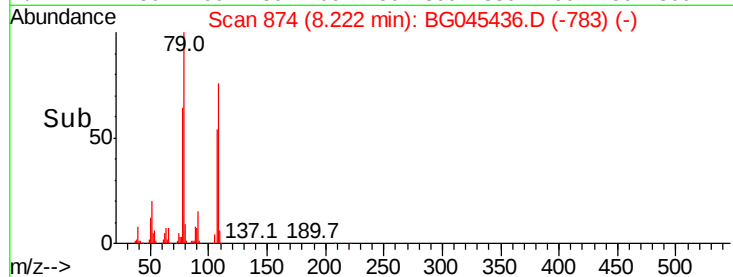
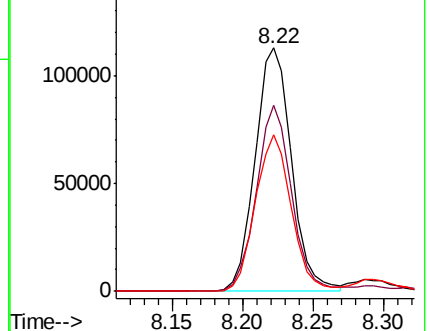
77 64.4 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.008 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.01 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

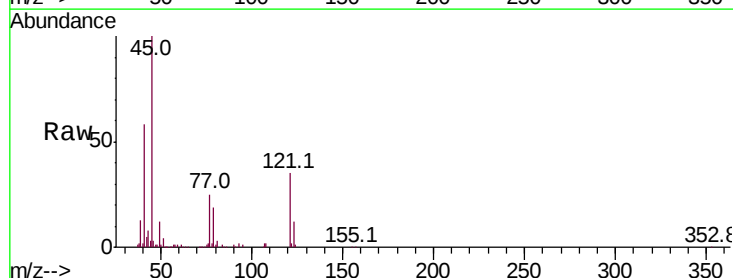
Tgt Ion: 45 Resp: 188458

Ion Ratio Lower Upper

45 100

77 24.7 4.0 44.0

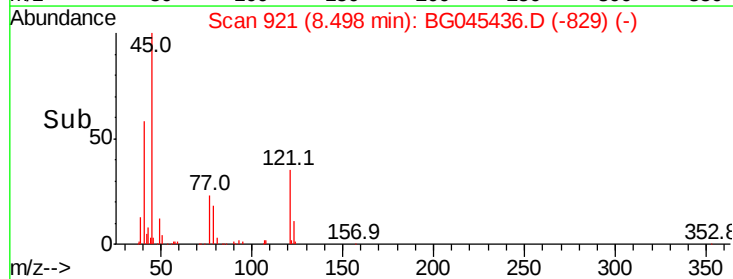
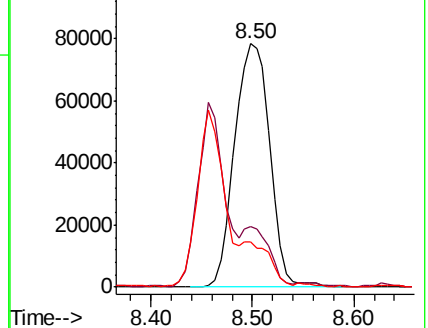
79 18.6 0.0 38.6

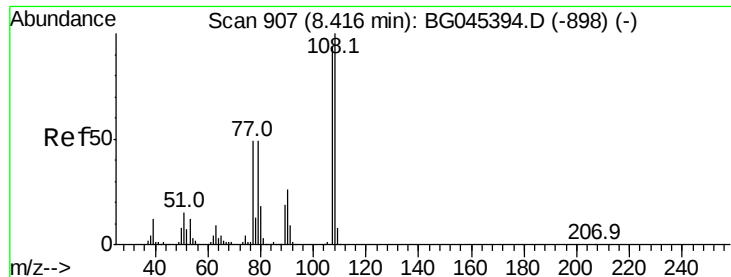


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 43.435 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 196989

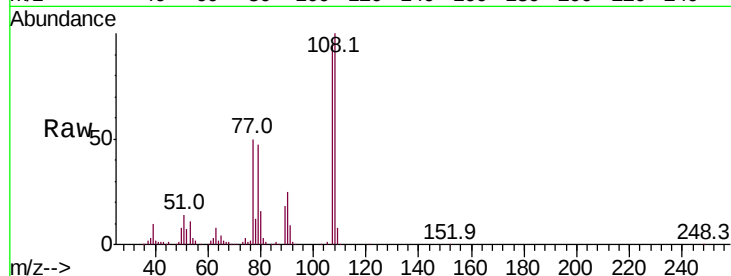
Ion Ratio Lower Upper

107 100

108 105.6 85.2 127.8

77 52.4 41.6 62.4

79 50.1 41.8 62.8

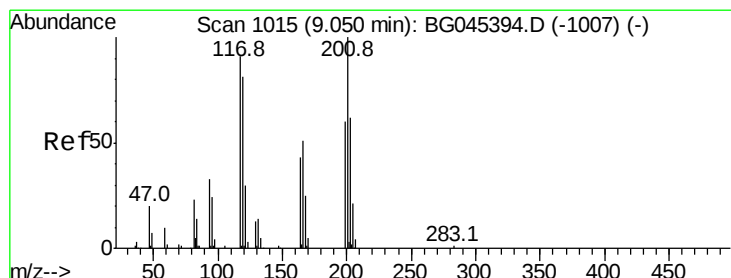
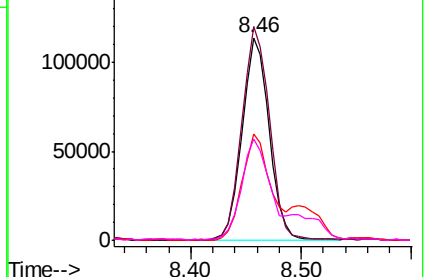
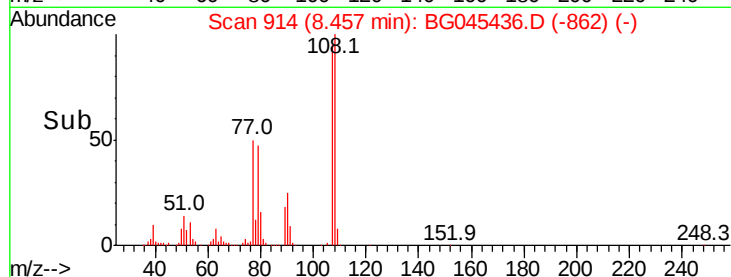


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.424 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

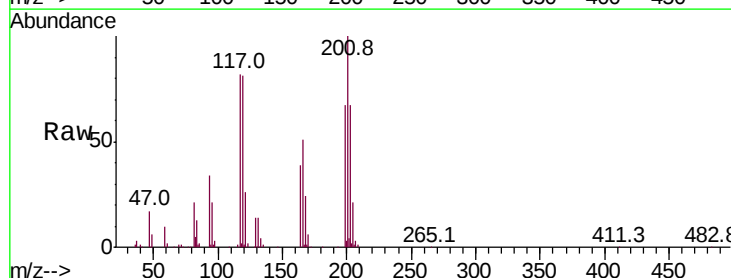
Tgt Ion:117 Resp: 83170

Ion Ratio Lower Upper

117 100

119 98.8 71.3 106.9

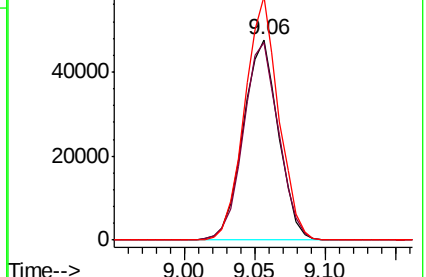
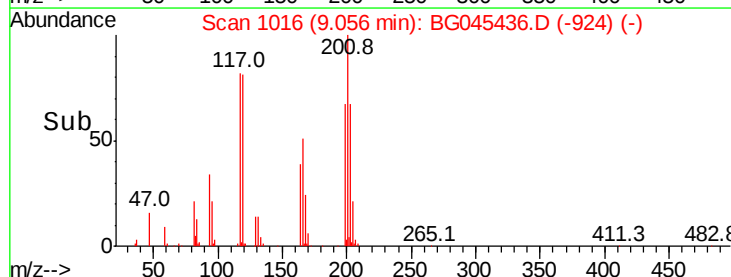
201 121.6 87.5 131.3

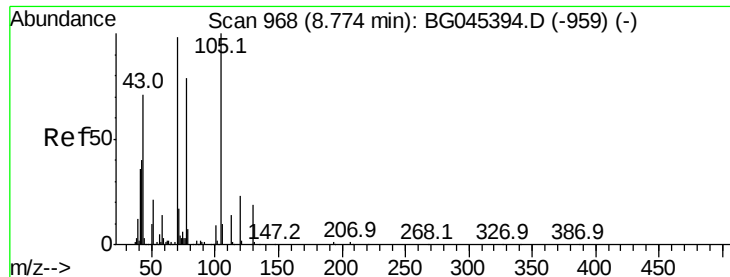


Abundance Ion 117.00 (116.70 to 117.70): E

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: 43.865 ng

RT: 8.77 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 178333

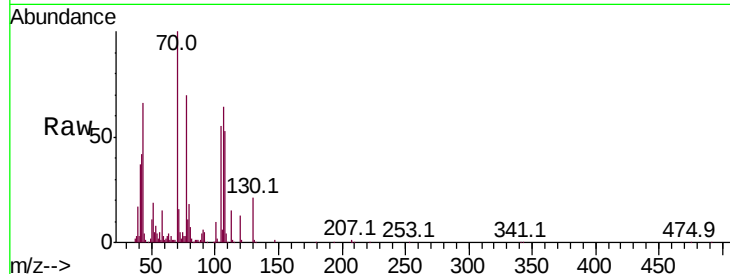
Ion Ratio Lower Upper

70 100

42 41.7 33.2 49.8

101 9.8 7.8 11.6

130 21.1 15.4 23.2

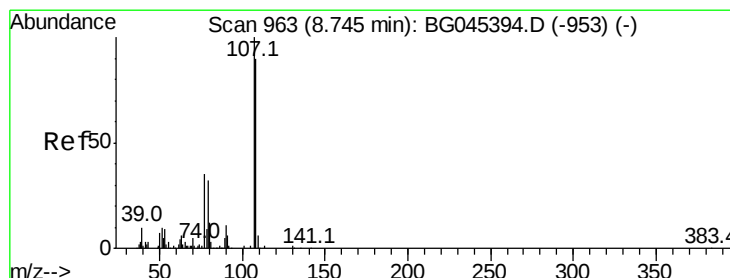
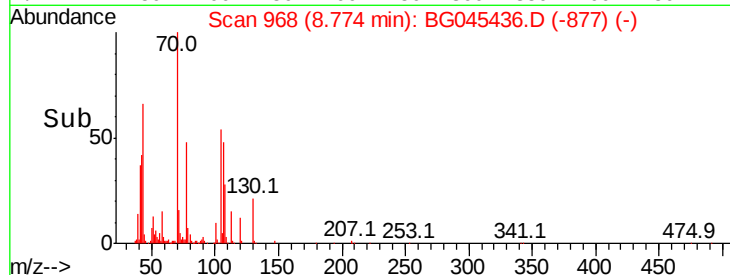
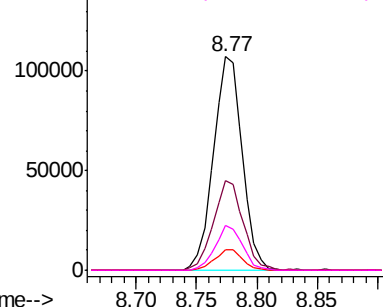


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 31.897 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.33 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Tgt Ion:107 Resp: 196989

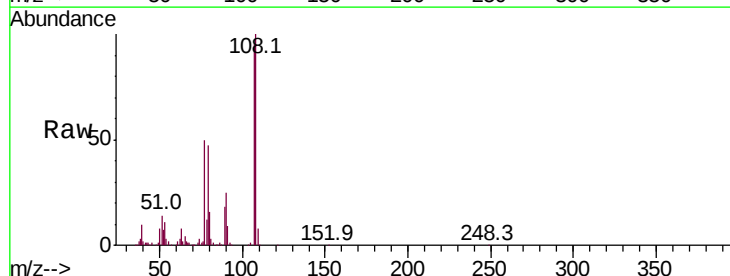
Ion Ratio Lower Upper

107 100

108 105.6 70.3 110.3

77 52.4 15.4 55.4

79 50.1 12.6 52.6

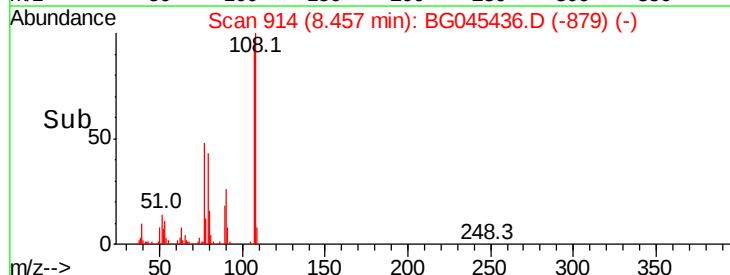
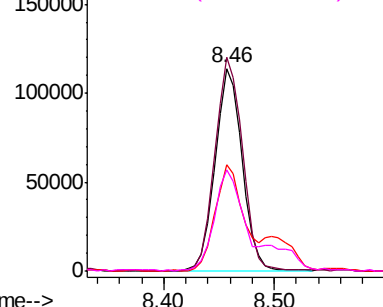


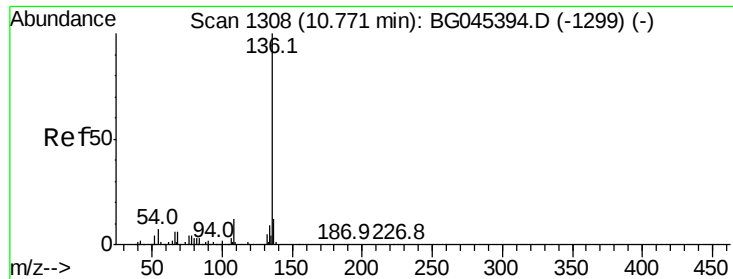
Abundance Ion 107.00 (106.70 to 107.70): BGC

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: 10.78 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 337541

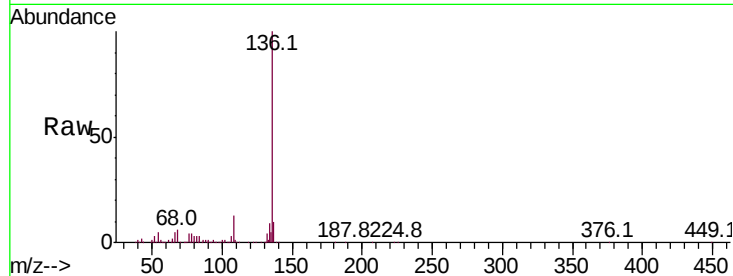
Ion Ratio Lower Upper

136 100

137 10.4 9.4 14.2

54 5.2 5.8 8.6#

68 5.7 4.5 6.7

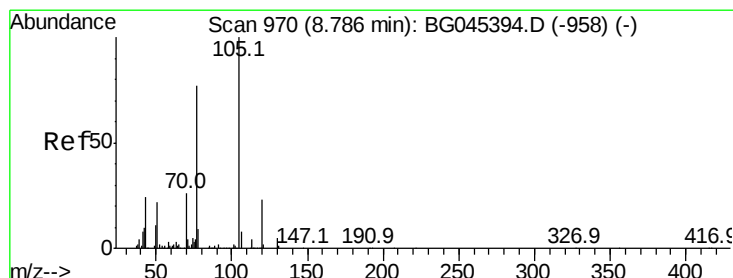
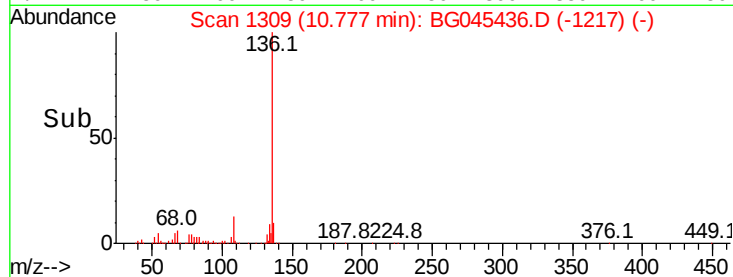
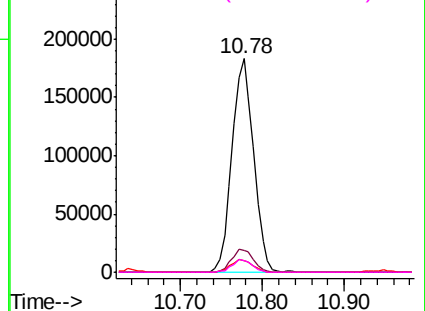


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.695 ng

RT: 8.79 min Scan# 971

Delta R.T. 0.01 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Tgt Ion:105 Resp: 325560

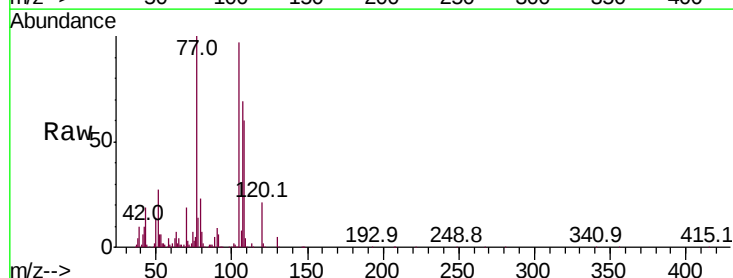
Ion Ratio Lower Upper

105 100

71 3.1 3.4 5.0#

51 28.0 18.2 27.2#

120 21.6 18.6 27.8

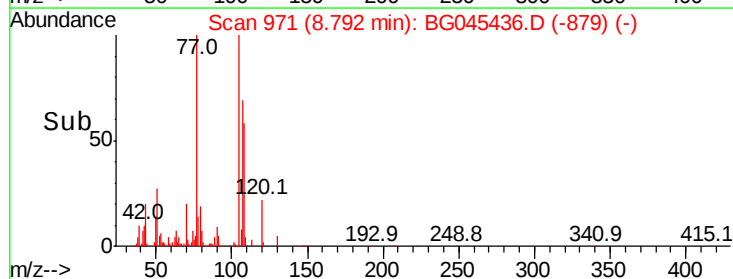
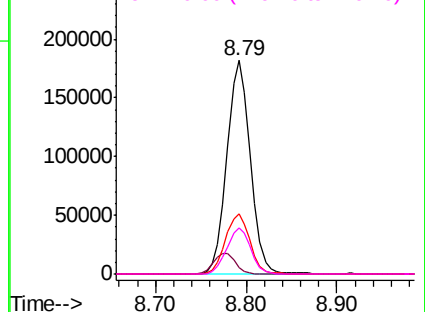


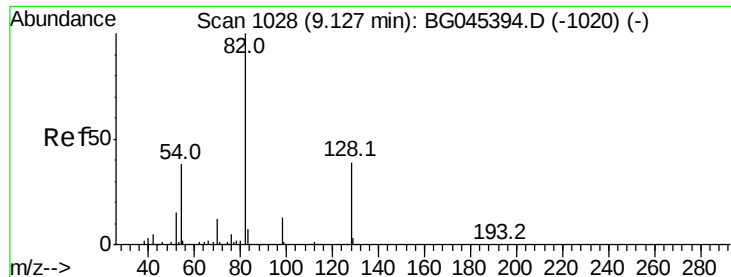
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

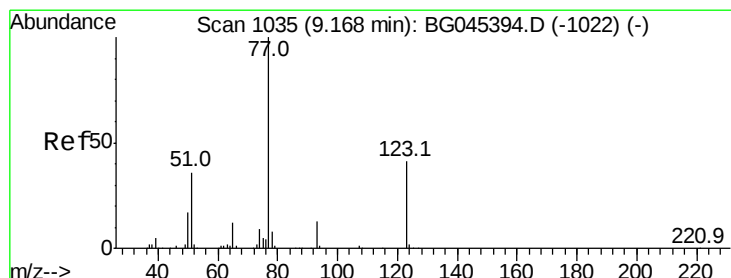
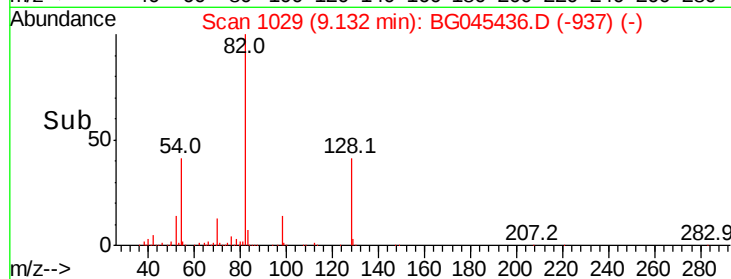
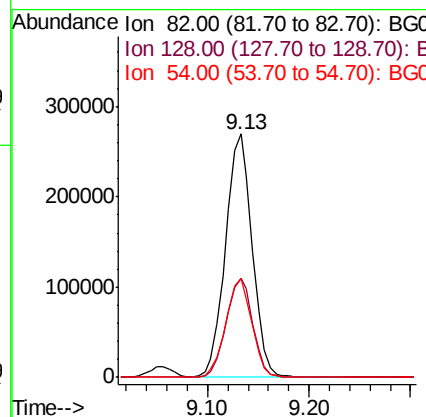
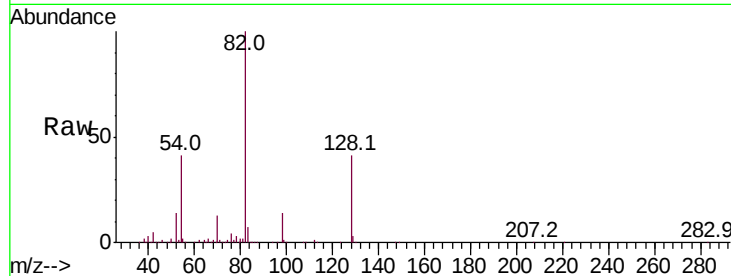




#23
 Nitrobenzene-d5
 Concen: 79.177 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. 0.01 min
 Lab File: BG045436.D
 Acq: 20 May 2020 15:25

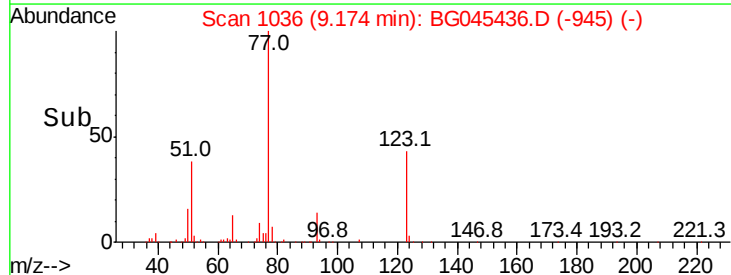
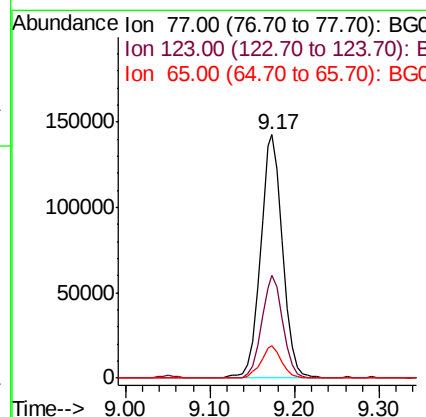
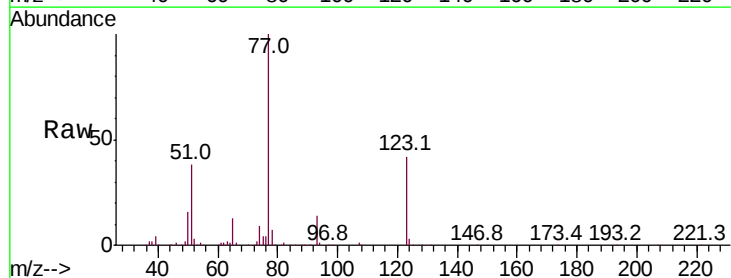
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

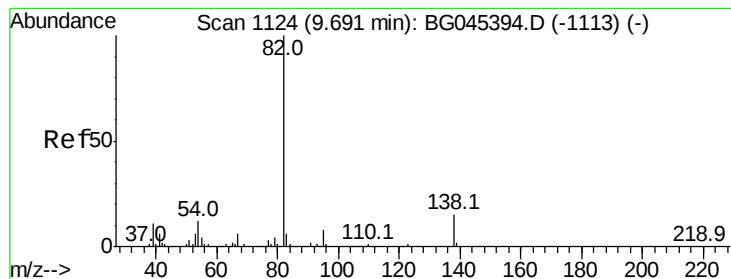
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	30.9	46.3
54	40.6	30.3	45.5



#24
 Nitrobenzene
 Concen: 39.316 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG045436.D
 Acq: 20 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	32.9	49.3
65	13.1	9.4	14.2





#25

Isophorone

Concen: 40.358 ng

RT: 9.70 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

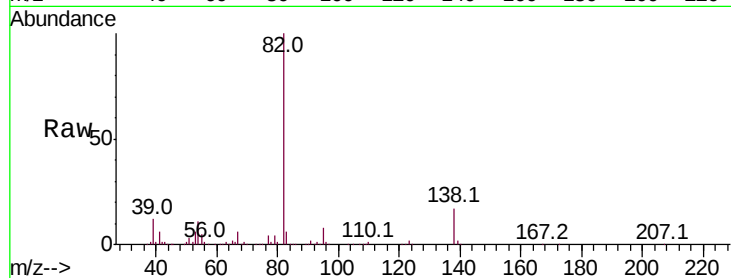
Tot Ion: 82 Resp: 491975

Ion Ratio Lower Upper

82 100

95 7.7 6.7 10.1

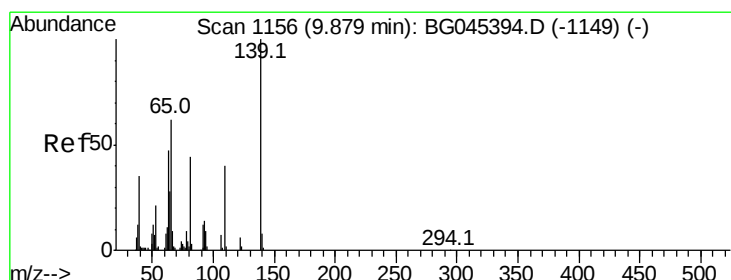
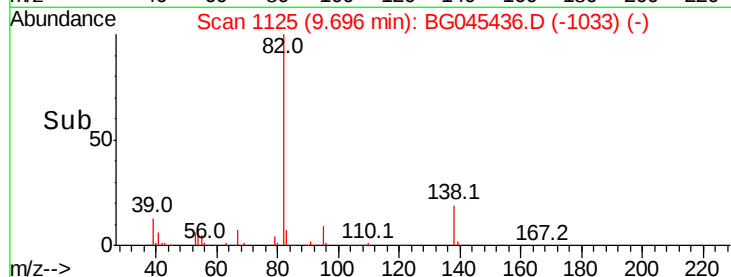
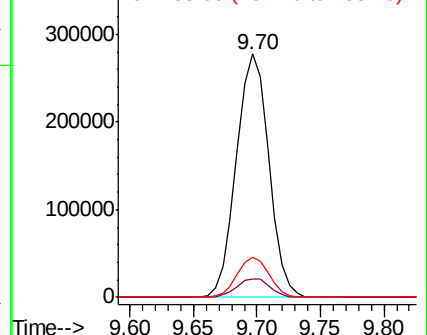
138 16.5 12.2 18.4



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 40.962 ng

RT: 9.88 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

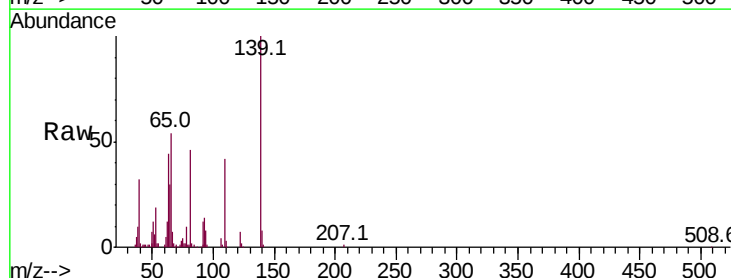
Tgt Ion: 139 Resp: 116208

Ion Ratio Lower Upper

139 100

109 41.6 32.2 48.4

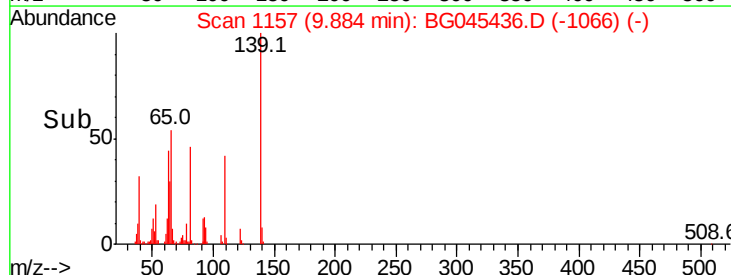
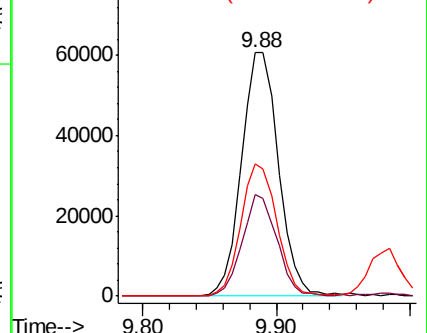
65 54.4 49.6 74.4

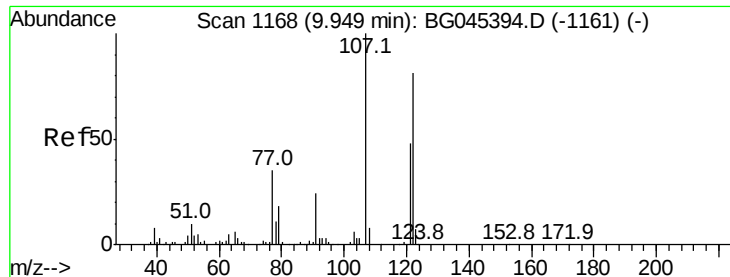


Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

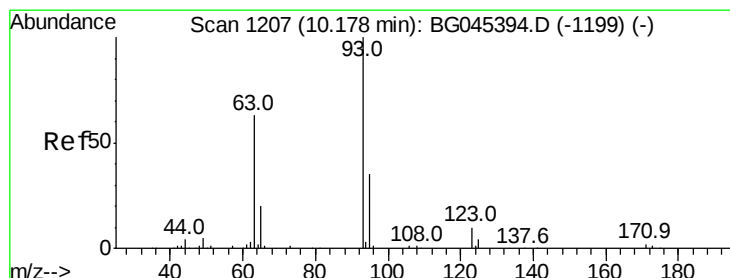
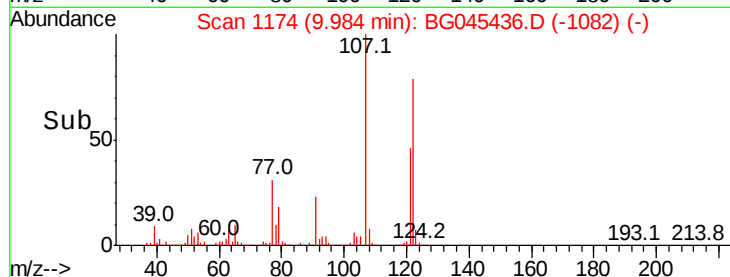
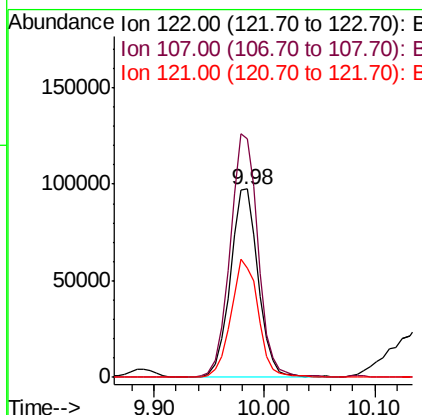
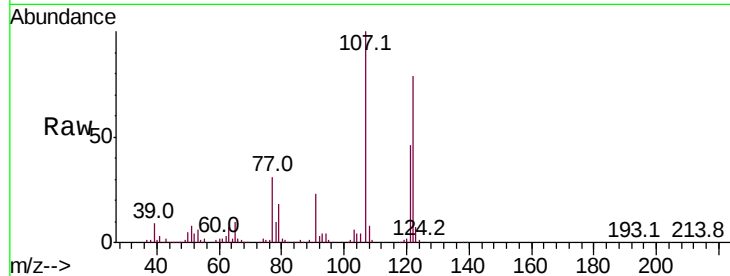




#27
2,4-Dimethylphenol
Concen: 41.269 ng
RT: 9.98 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

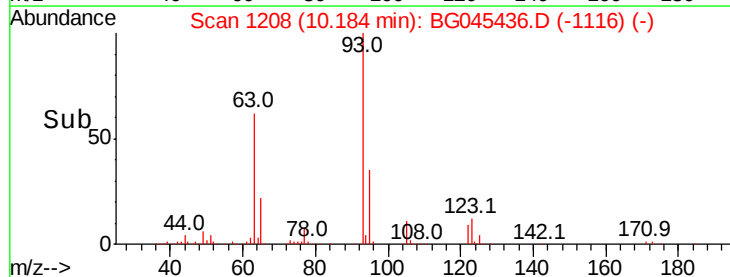
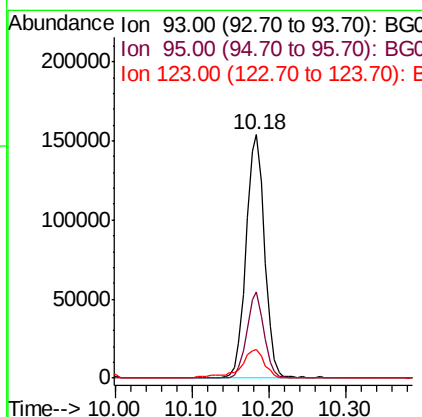
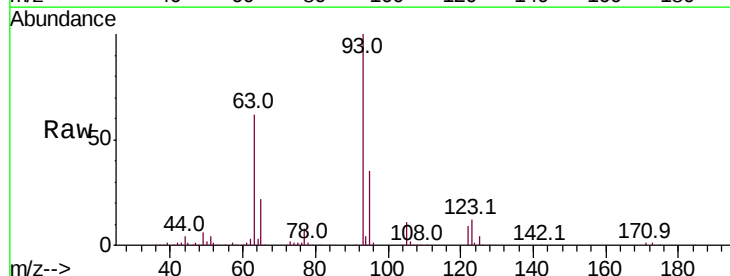
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

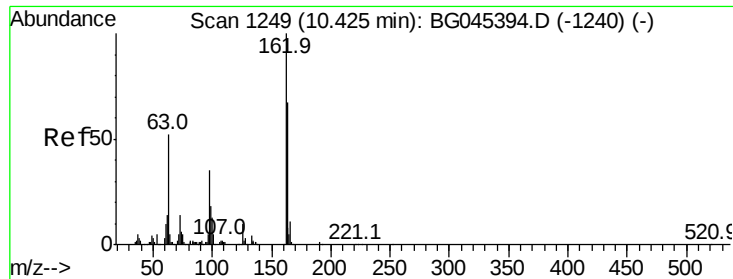
Tot Ion:122 Resp: 173645
Ion Ratio Lower Upper
122 100
107 127.0 99.0 148.4
121 58.1 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.691 ng
RT: 10.18 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

Tgt Ion: 93 Resp: 260133
Ion Ratio Lower Upper
93 100
95 35.2 27.6 41.4
123 11.5 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 41.823 ng

RT: 10.45 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

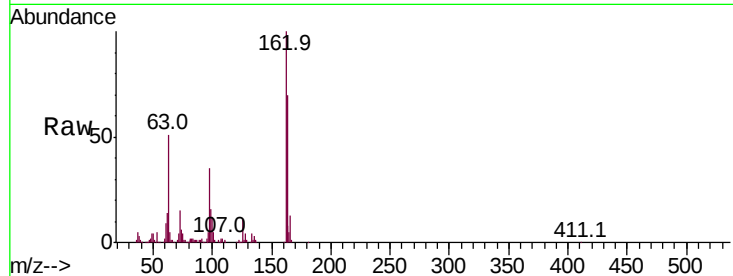
Tot Ion:162 Resp: 207809

Ion Ratio Lower Upper

162 100

164 70.0 46.8 86.8

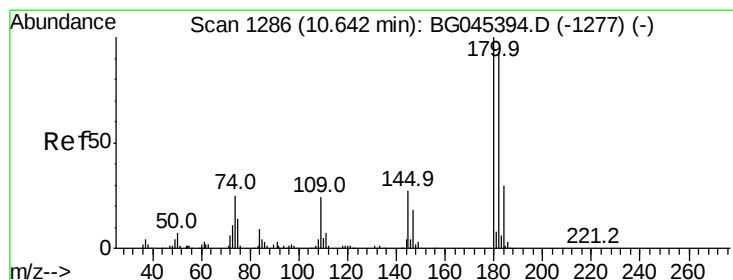
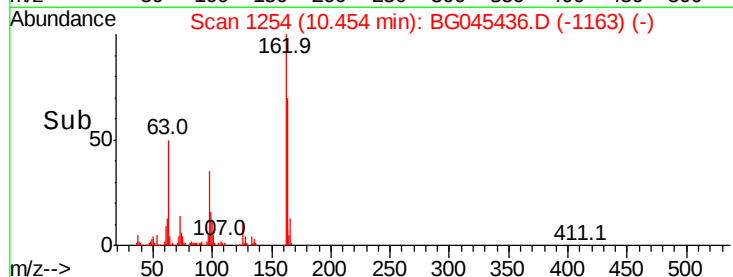
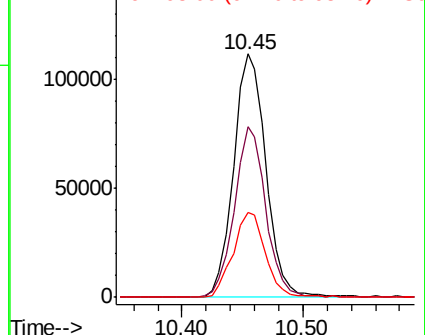
98 35.0 15.2 55.2



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: 40.481 ng

RT: 10.64 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

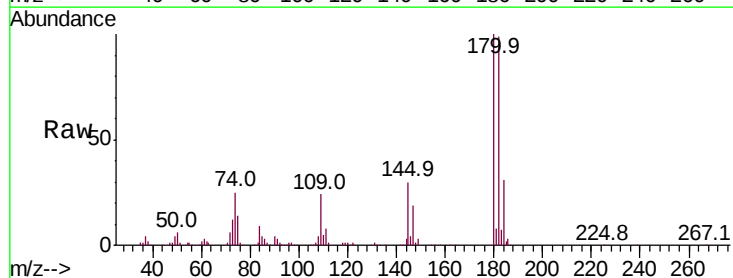
Tgt Ion:180 Resp: 237675

Ion Ratio Lower Upper

180 100

182 99.0 74.8 112.2

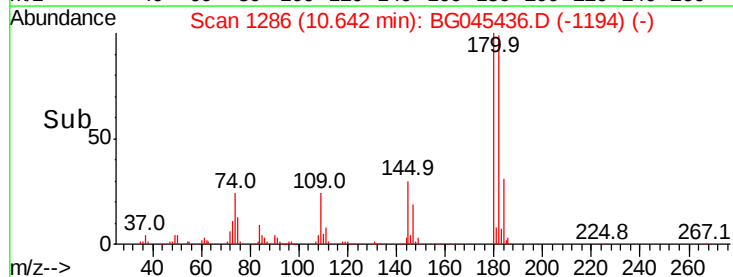
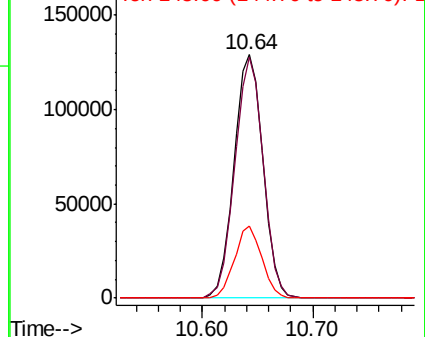
145 29.8 21.9 32.9

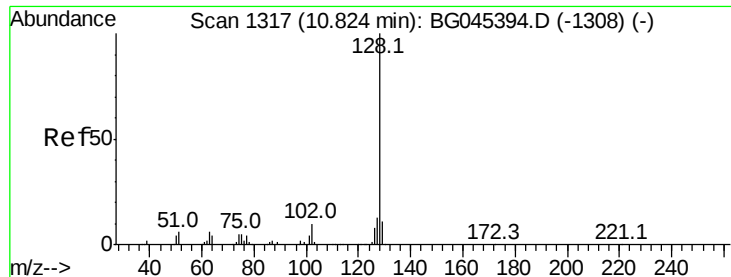


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

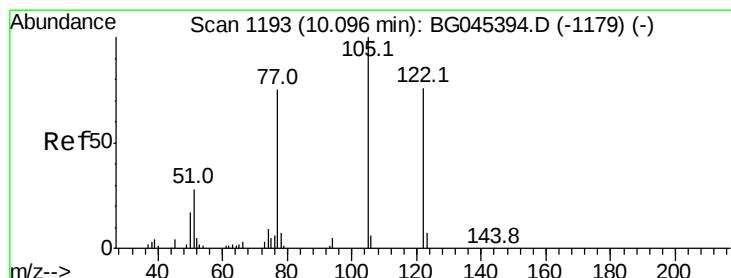
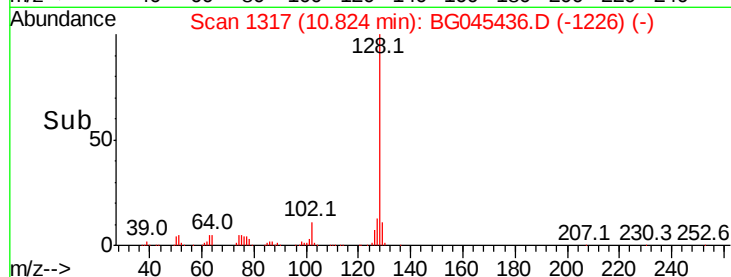
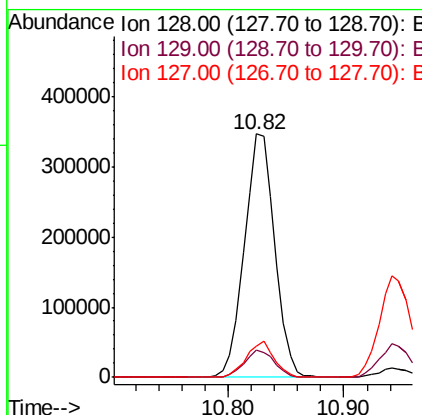
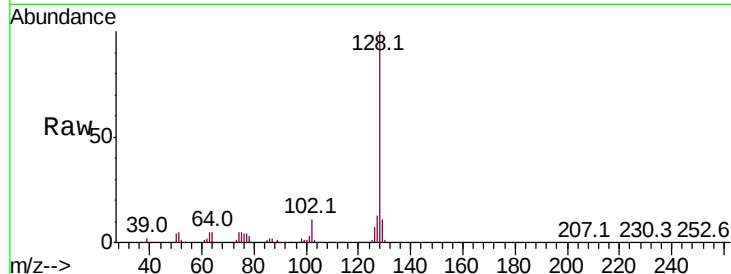




#31
Naphthalene
Concen: 40.303 ng
RT: 10.82 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

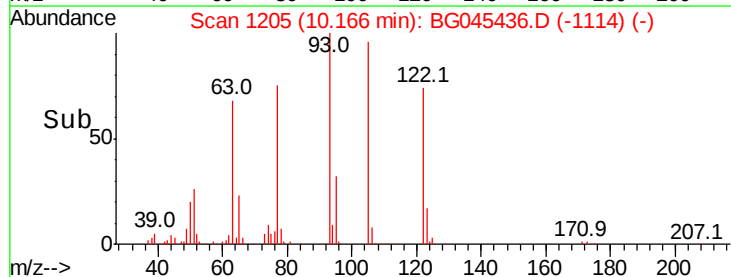
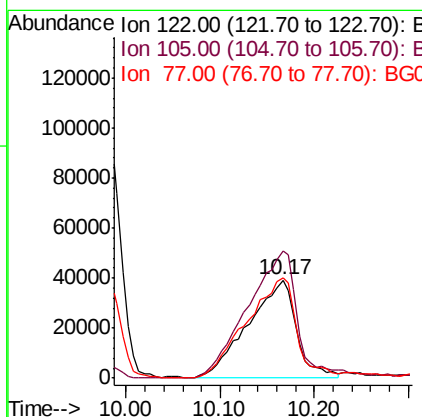
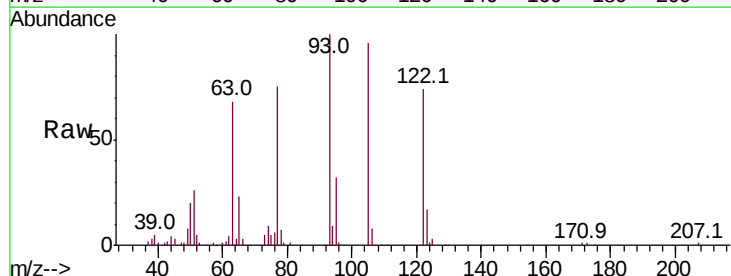
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

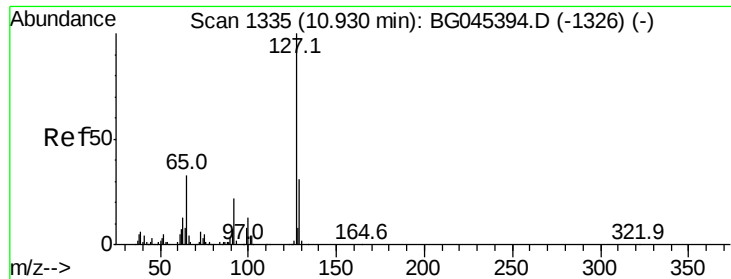
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.0	10.7	16.1



#32
Benzoic acid
Concen: 48.118 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.3	107.9	147.9
77	102.0	78.9	118.9

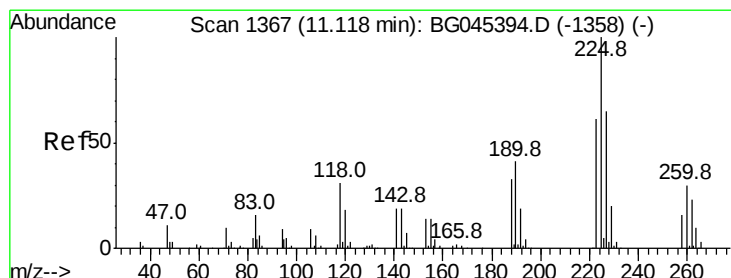
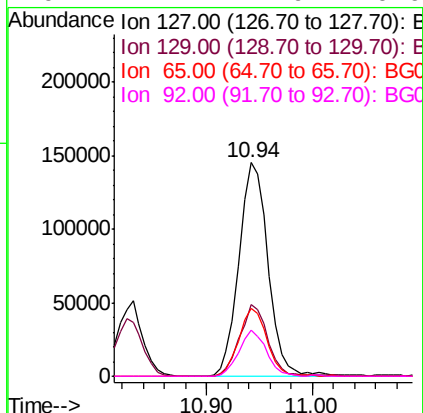
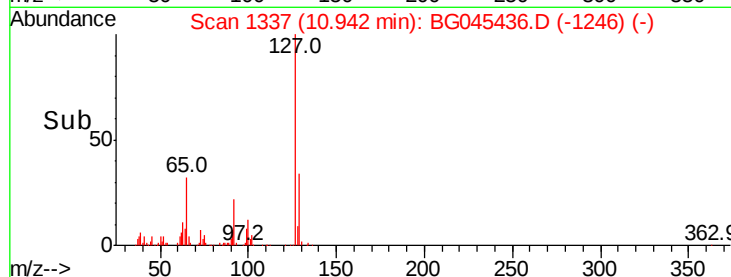
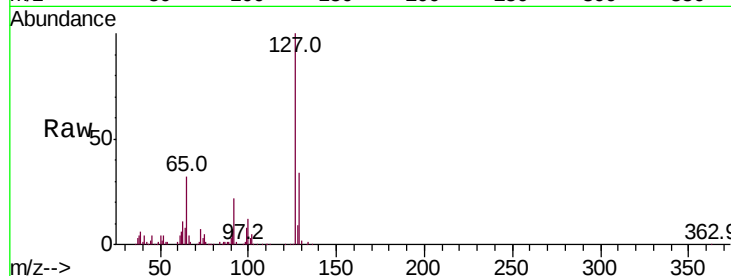




#33
4-Chloroaniline
Concen: 42.310 ng
RT: 10.94 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

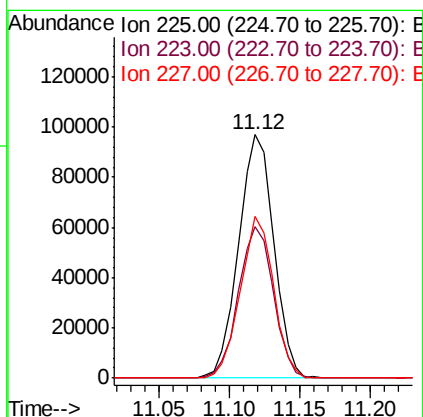
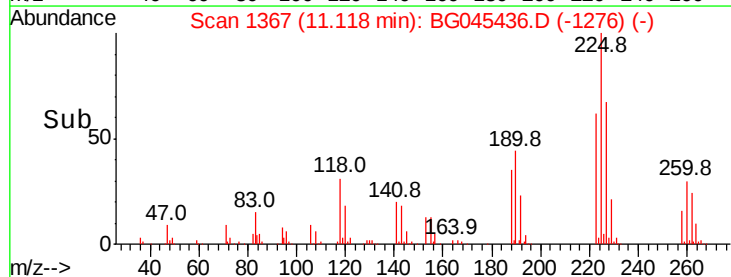
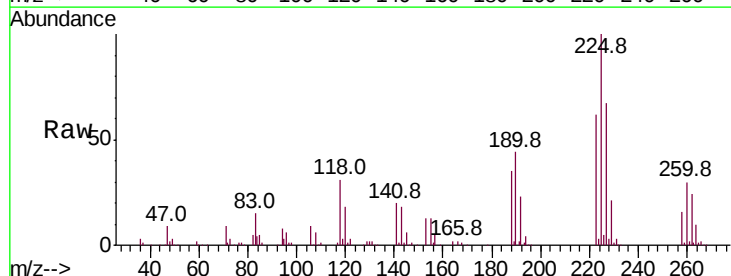
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

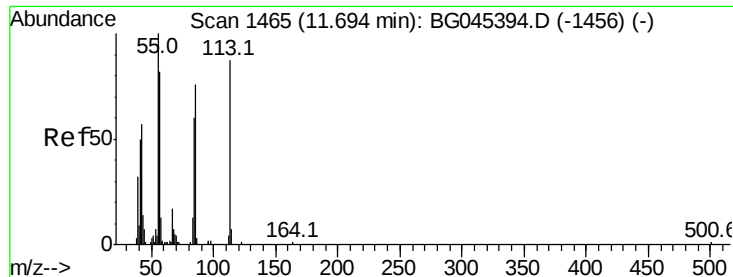
Tot Ion:	127	Resp:	278180
Ion	Ratio	Lower	Upper
127	100		
129	33.7	24.7	37.1
65	31.5	26.2	39.2
92	21.7	17.9	26.9



#34
Hexachlorobutadiene
Concen: 40.689 ng
RT: 11.12 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

Tgt Ion:	225	Resp:	168868
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.1	73.7
227	66.5	52.0	78.0





#35

Caprolactam

Concen: 40.936 ng

RT: 11.71 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

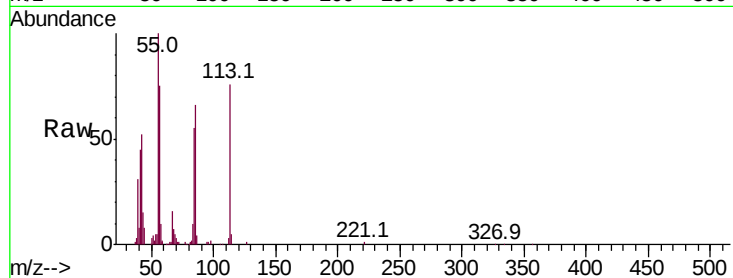
Tot Ion:113 Resp: 74658

Ion Ratio Lower Upper

113 100

55 130.8 96.0 136.0

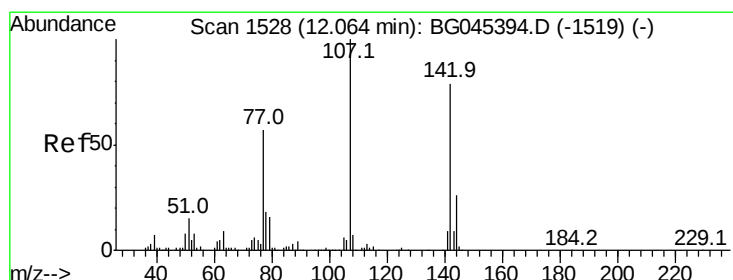
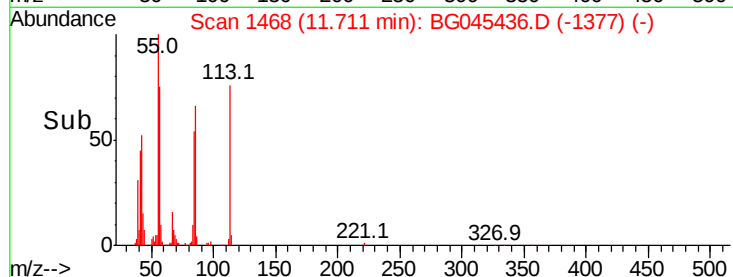
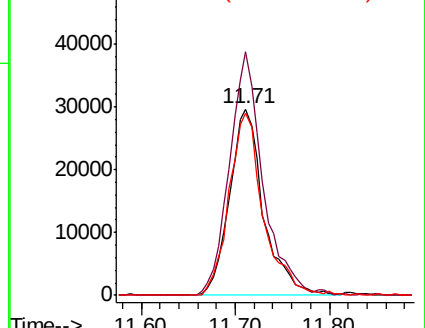
56 97.9 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.338 ng

RT: 12.11 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

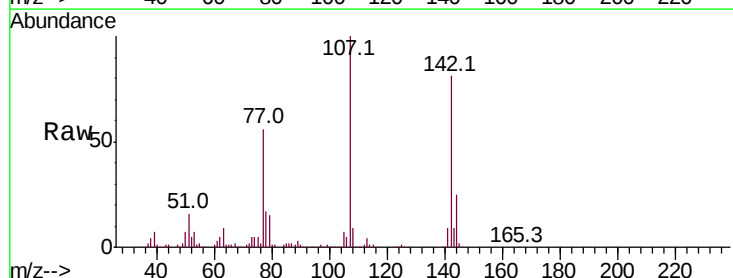
Tgt Ion:107 Resp: 237050

Ion Ratio Lower Upper

107 100

144 24.7 20.8 31.2

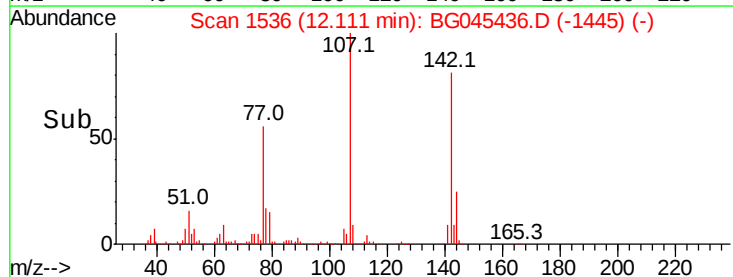
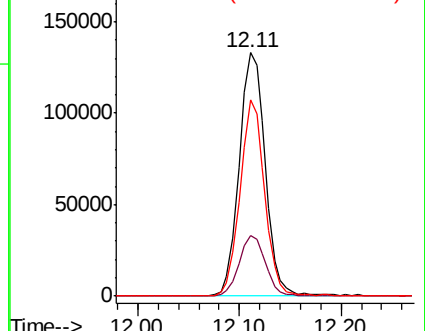
142 80.8 62.8 94.2

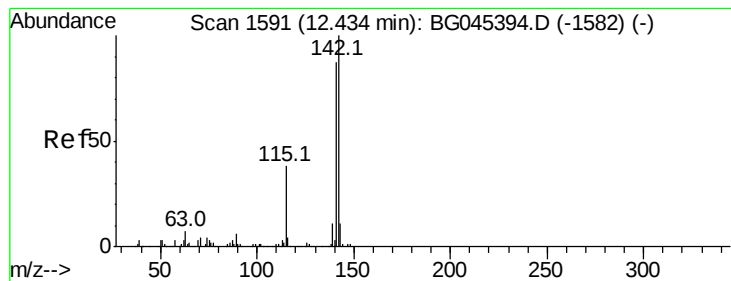


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.668 ng

RT: 12.43 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

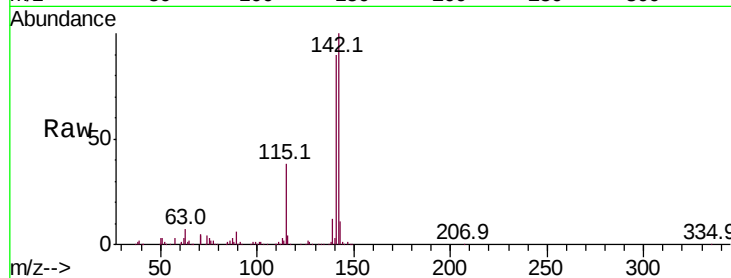
Tot Ion:142 Resp: 488502

Ion Ratio Lower Upper

142 100

141 89.8 70.0 105.0

115 37.5 30.8 46.2

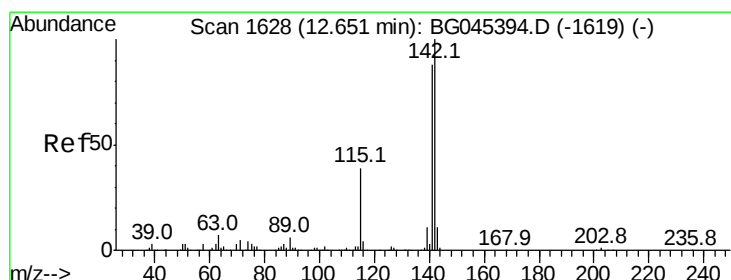
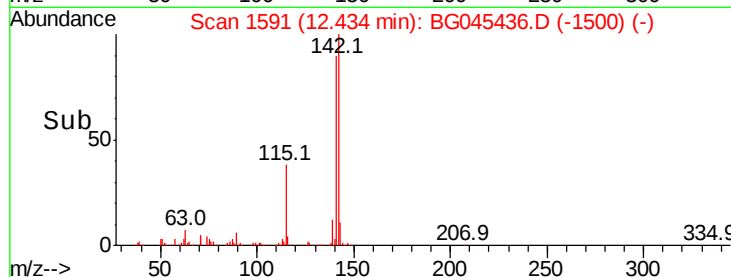
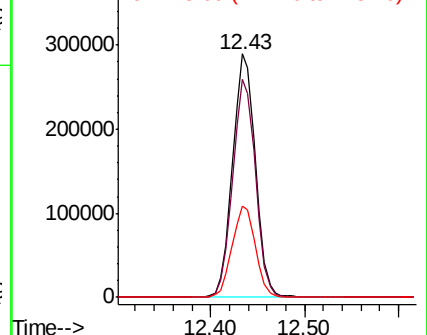


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.029 ng

RT: 12.65 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

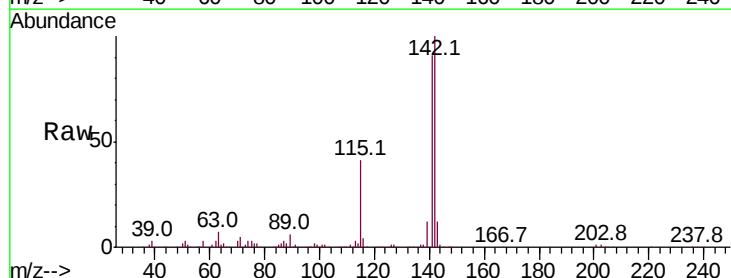
Tgt Ion:142 Resp: 454374

Ion Ratio Lower Upper

142 100

141 90.7 70.8 106.2

116 4.3 3.0 4.6

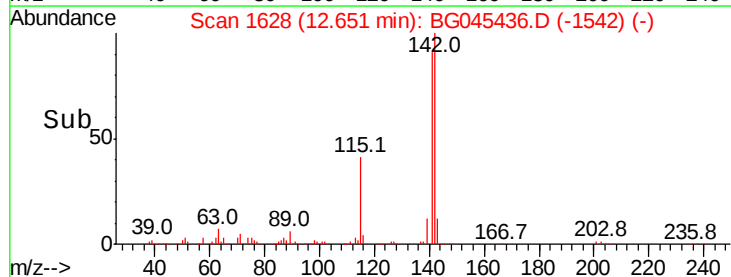
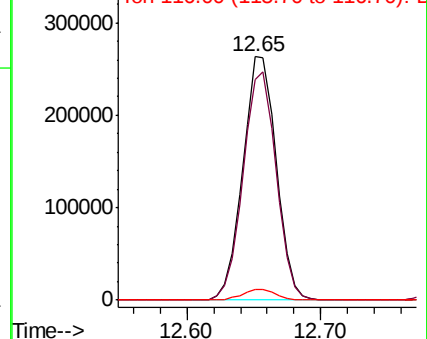


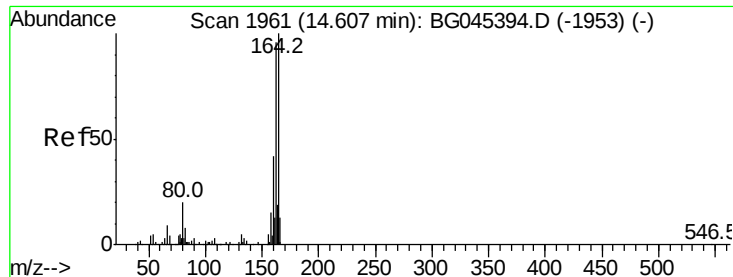
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

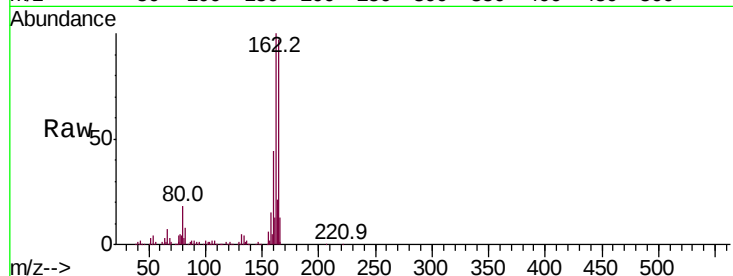
Tot Ion:164 Resp: 246486

Ion Ratio Lower Upper

164 100

162 103.0 76.9 115.3

160 45.2 33.8 50.8

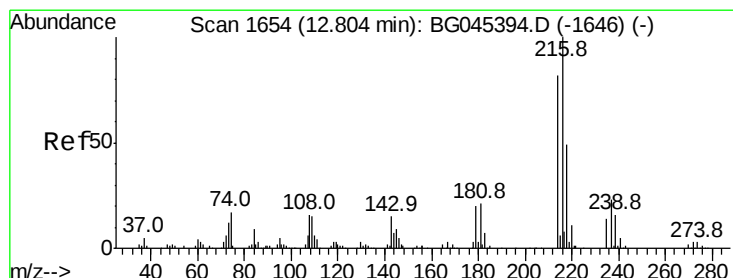
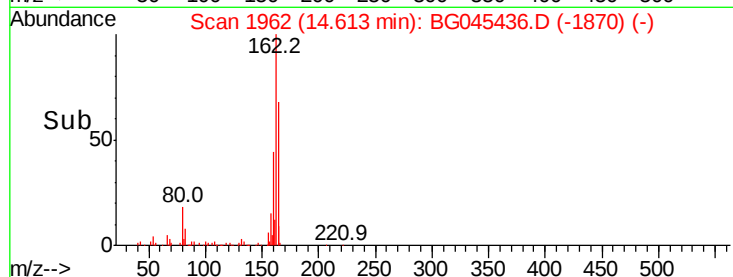
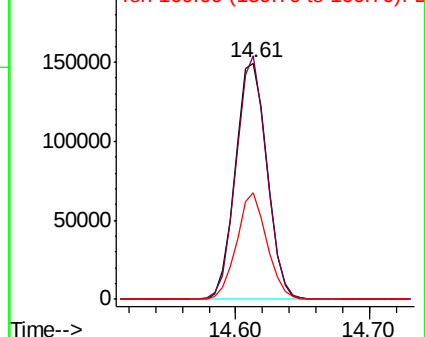


Abundance

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: 39.167 ng

RT: 12.80 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Tgt Ion:216 Resp: 269652

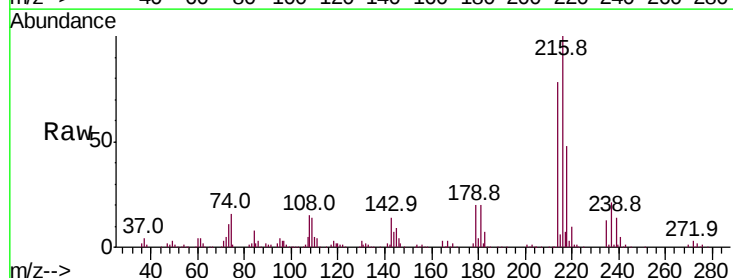
Ion Ratio Lower Upper

216 100

214 79.1 63.7 95.5

179 19.9 16.1 24.1

108 17.3 13.8 20.6



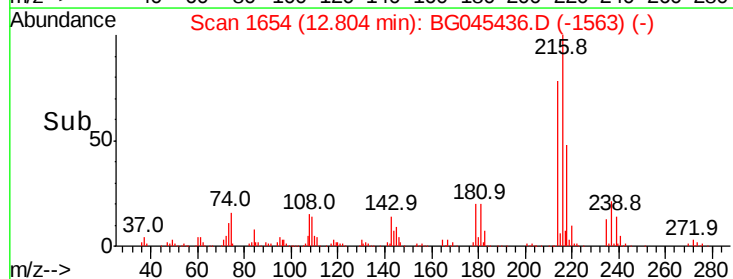
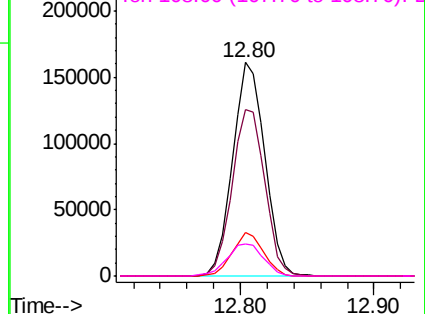
Abundance

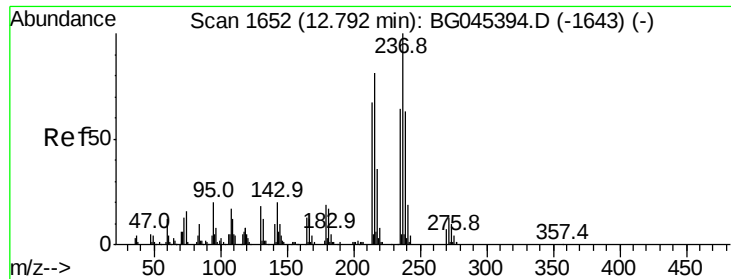
Ion 216.00 (215.70 to 216.70): E

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: 39.510 ng

RT: 12.79 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

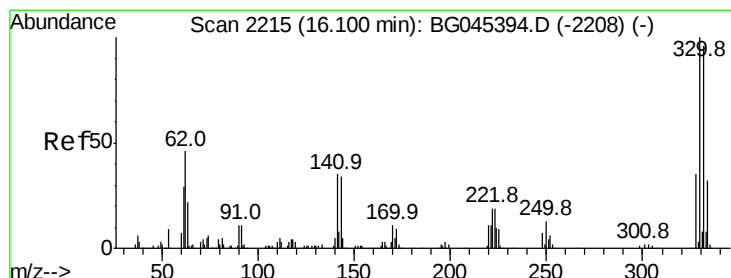
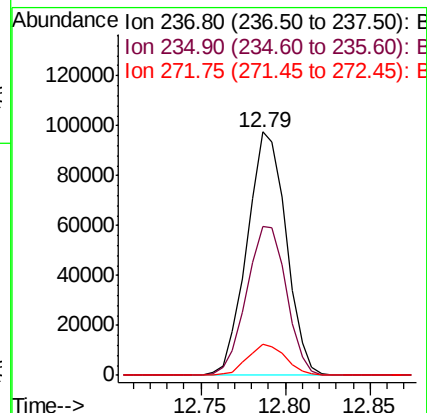
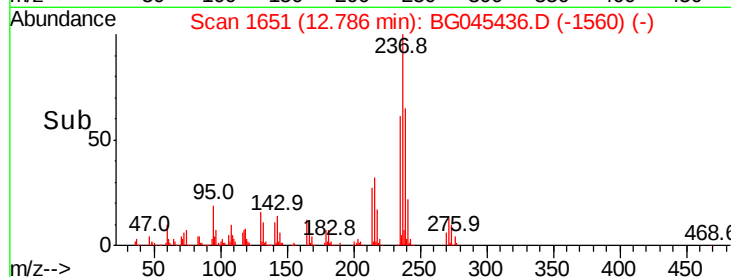
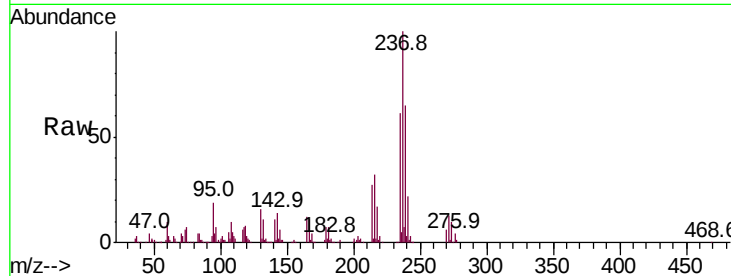
Tot Ion:237 Resp: 157003

Ion Ratio Lower Upper

237 100

235 61.2 44.4 84.4

272 12.7 0.0 32.5



#42

2,4,6-Tribromophenol

Concen: 78.682 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

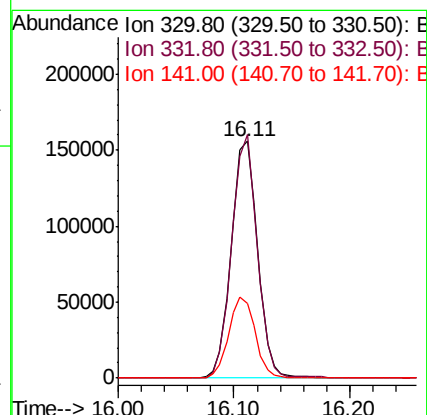
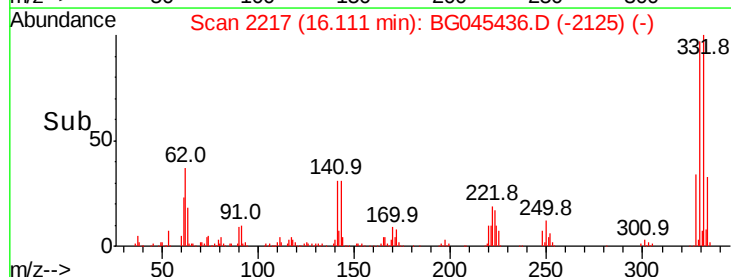
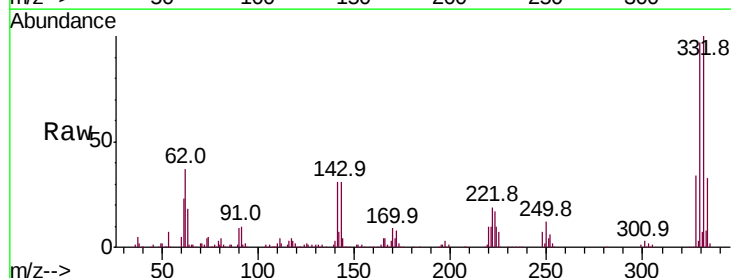
Tgt Ion:330 Resp: 248029

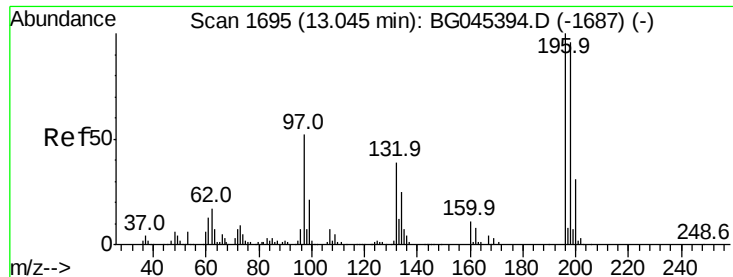
Ion Ratio Lower Upper

330 100

332 99.2 78.2 117.4

141 34.2 28.2 42.4

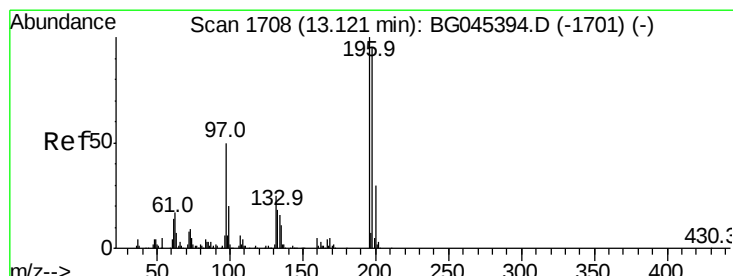
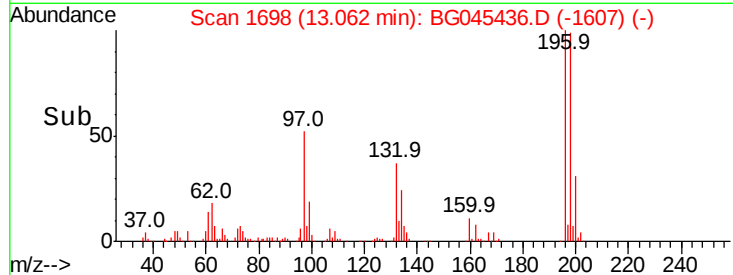
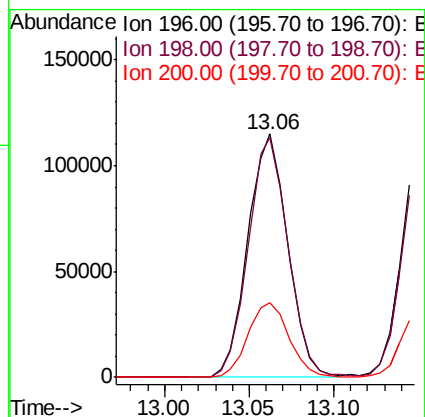
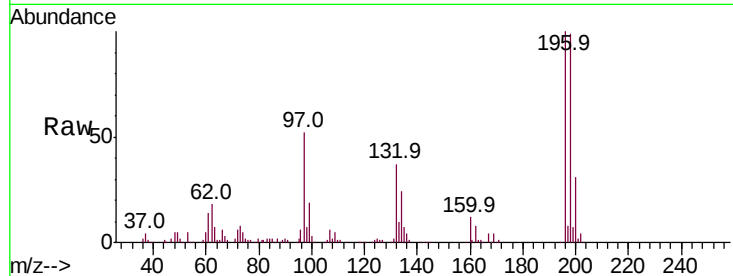




#43
 2,4,6-Trichlorophenol
 Concen: 39.522 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG045436.D
 Acq: 20 May 2020 15:25

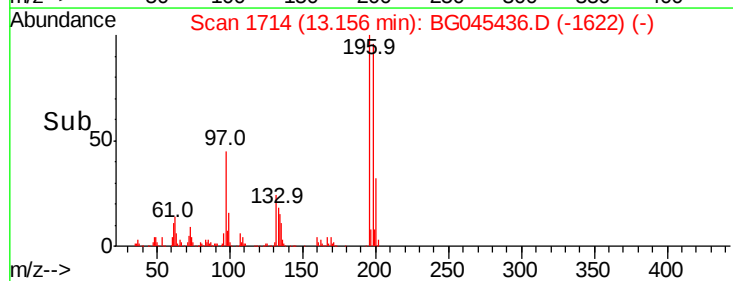
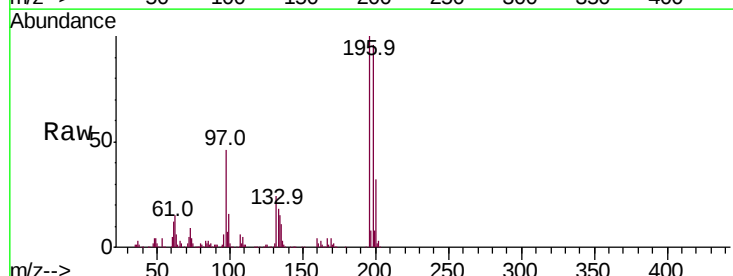
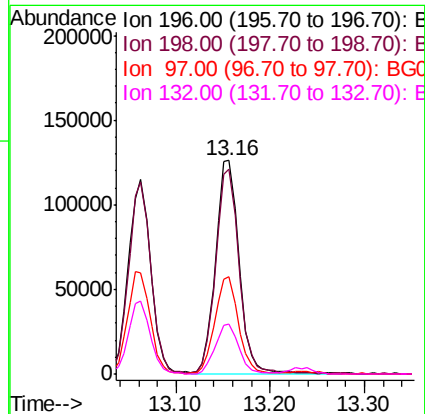
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

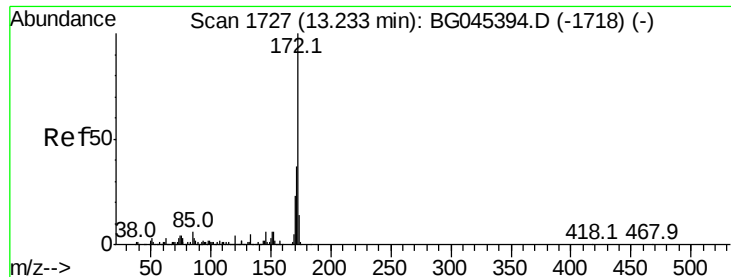
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.7	76.7	115.1
200	30.5	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.570 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.01 min
 Lab File: BG045436.D
 Acq: 20 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.1	114.1
97	45.5	40.0	60.0
132	23.6	20.2	30.2



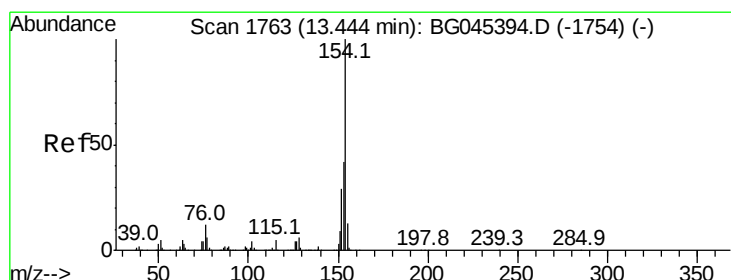
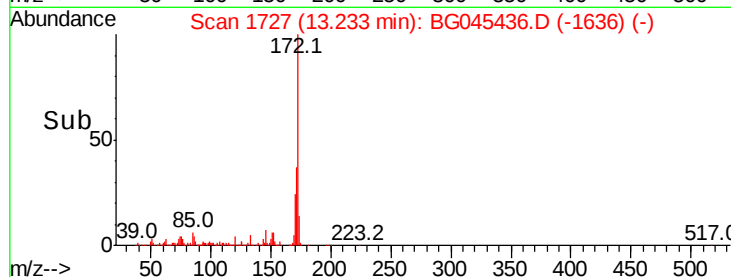
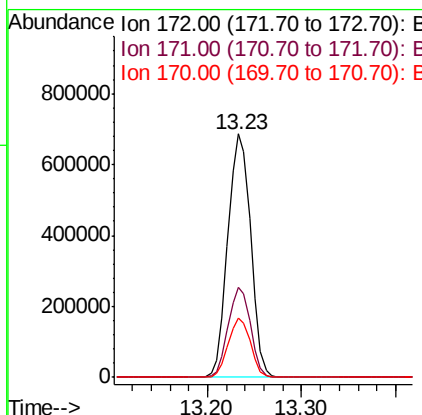
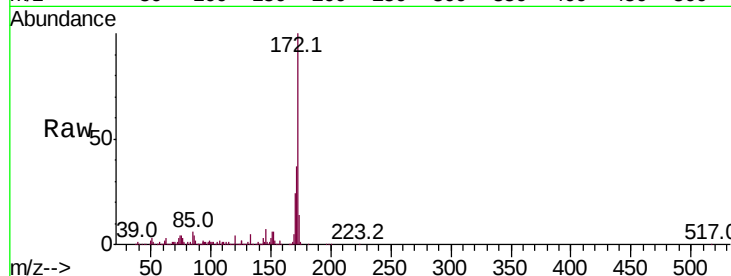


#45
2-Fluorobiphenyl
Concen: 79.542 ng
RT: 13.23 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:172 Resp: 1155874

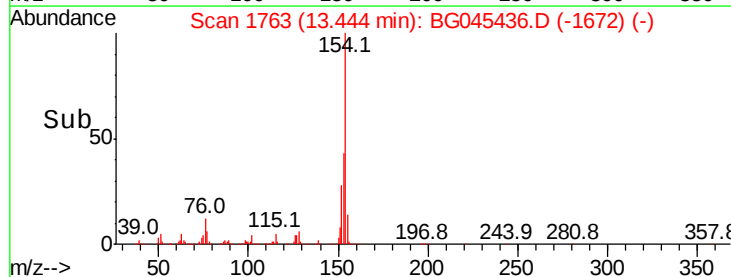
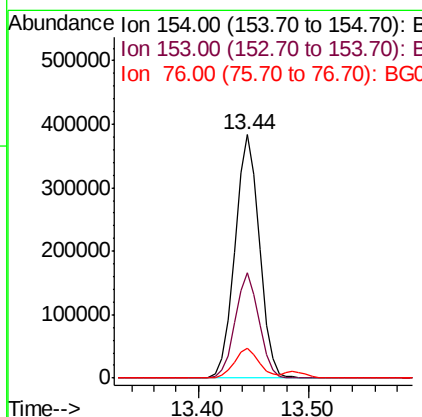
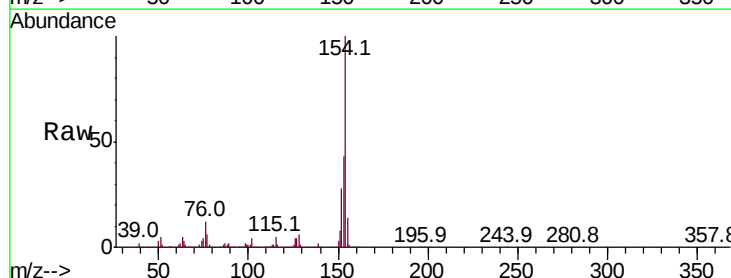
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.5	44.3
170	24.4	18.5	27.7

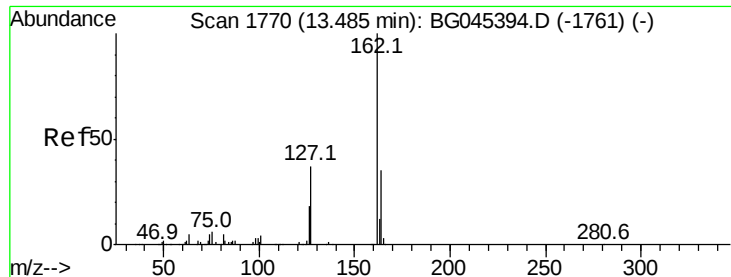


#46
1,1'-Biphenyl
Concen: 39.384 ng
RT: 13.44 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

Tgt Ion:154 Resp: 596493

Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.2	62.2
76	12.3	0.0	32.4

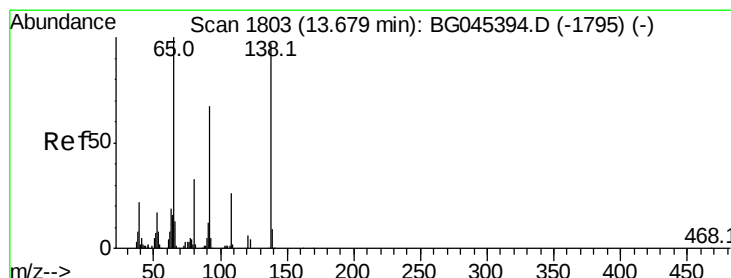
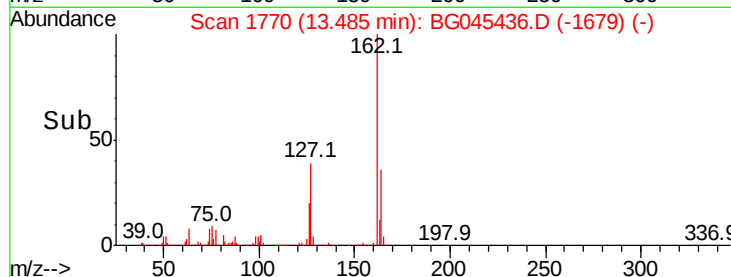
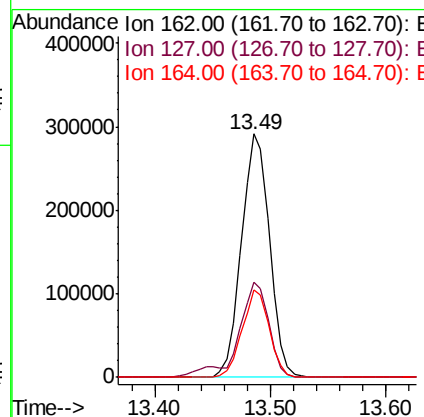
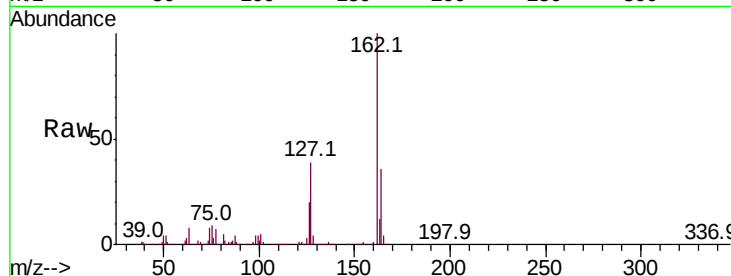




#47
 2-Chloronaphthalene
 Concen: 39.744 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: BG045436.D
 Acq: 20 May 2020 15:25

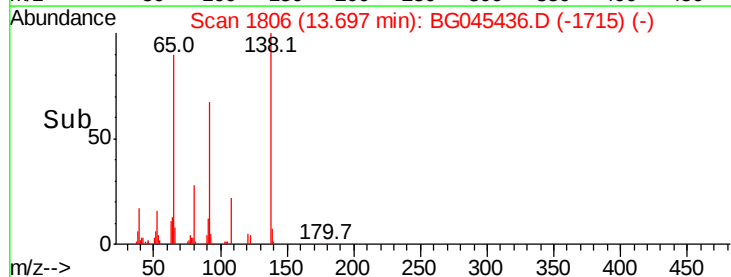
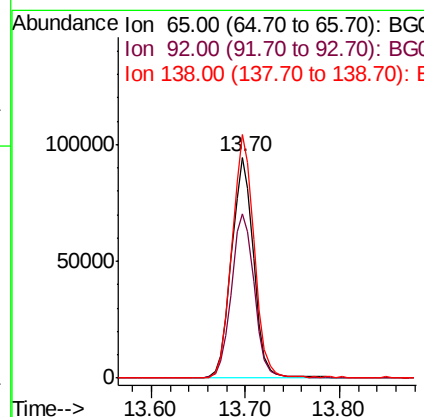
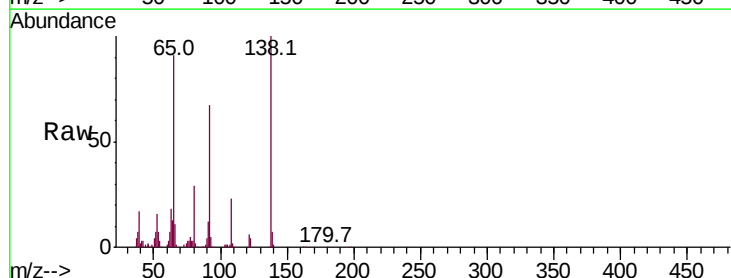
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

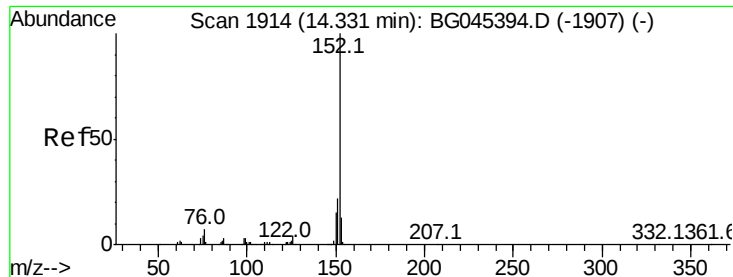
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.6	47.4
164	36.0	28.1	42.1



#48
 2-Nitroaniline
 Concen: 38.277 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG045436.D
 Acq: 20 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	53.8	80.8
138	110.3	77.9	116.9





#49

Acenaphthylene

Concen: 40.089 ng

RT: 14.33 min Scan# 1914

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

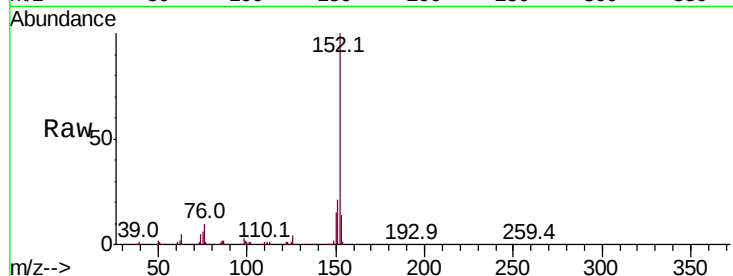
Tot Ion:152 Resp: 791948

Ion Ratio Lower Upper

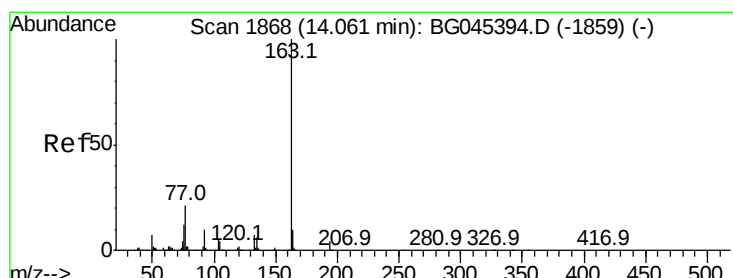
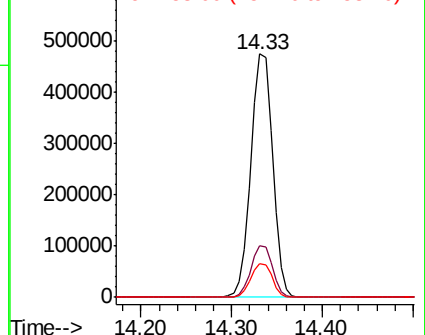
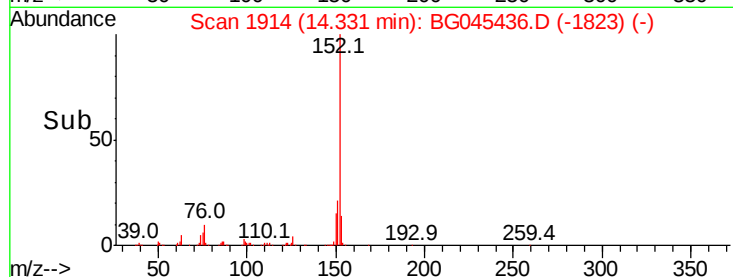
152 100

151 21.0 17.4 26.2

153 14.0 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: 39.392 ng

RT: 14.07 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

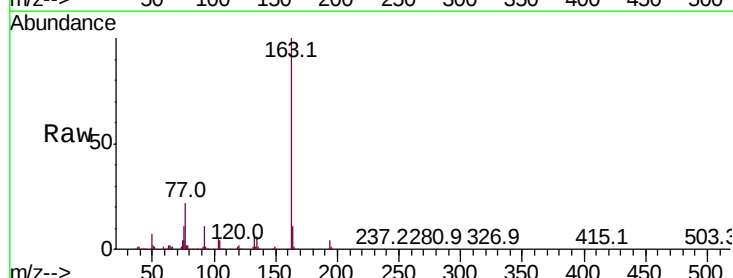
Tgt Ion:163 Resp: 666071

Ion Ratio Lower Upper

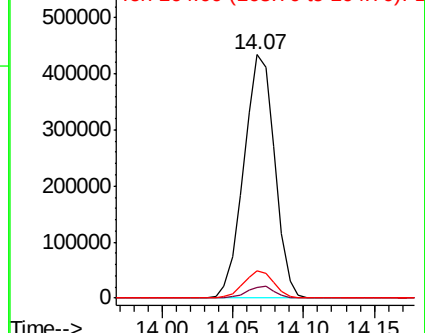
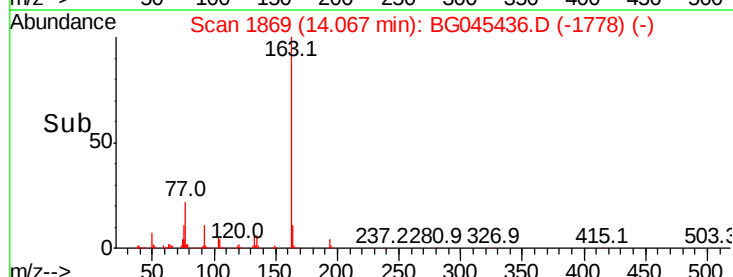
163 100

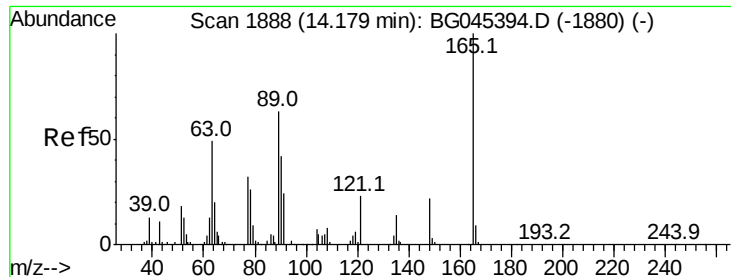
194 4.3 3.2 4.8

164 11.3 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: 39.297 ng

RT: 14.18 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

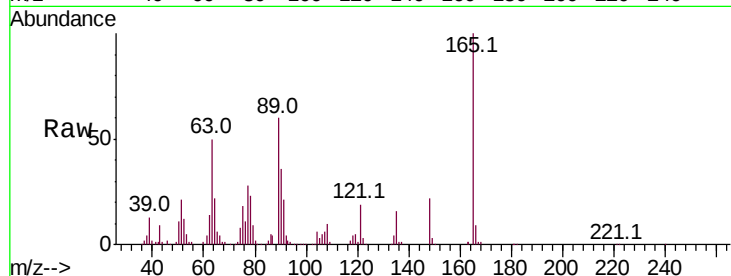
Tot Ion:165 Resp: 149937

Ion Ratio Lower Upper

165 100

63 49.7 45.0 67.4

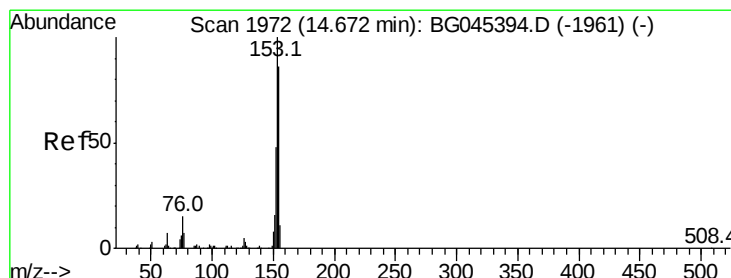
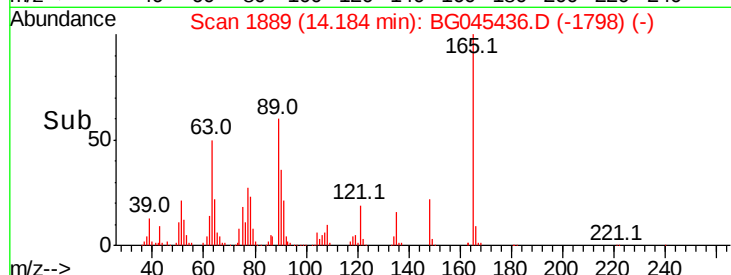
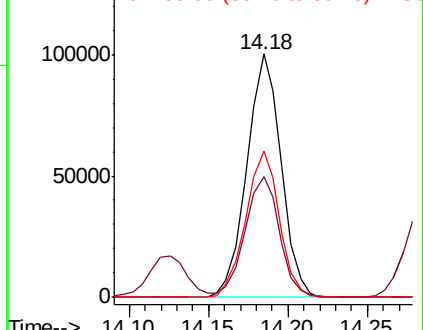
89 60.3 50.2 75.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 35.291 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.01 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

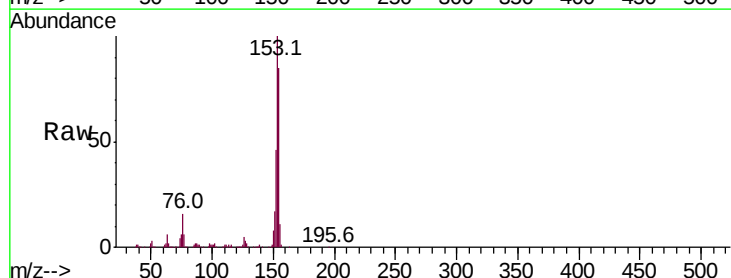
Tgt Ion:154 Resp: 466672

Ion Ratio Lower Upper

154 100

153 117.5 92.8 139.2

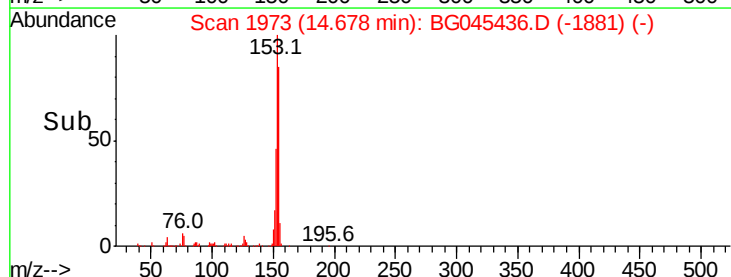
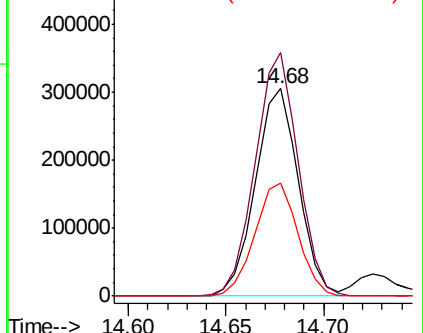
152 54.5 44.6 66.8

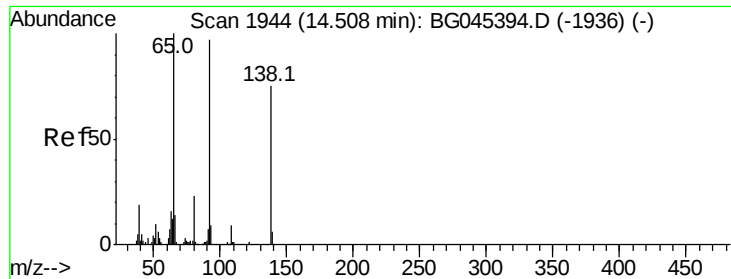


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

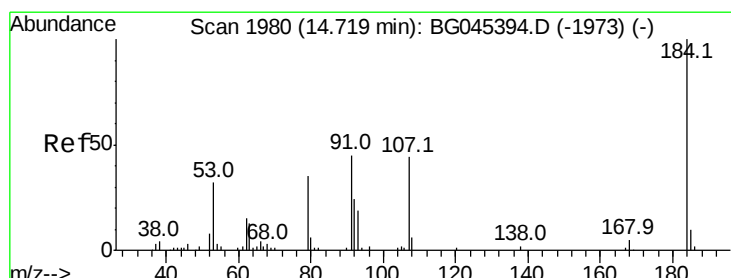
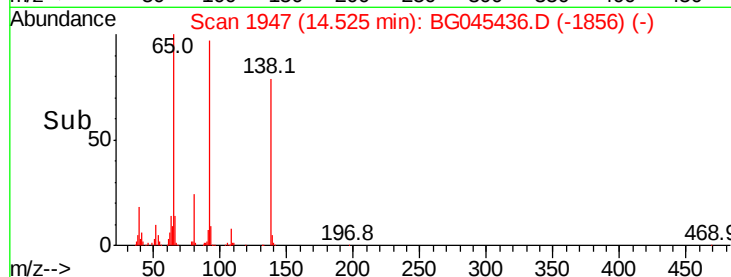
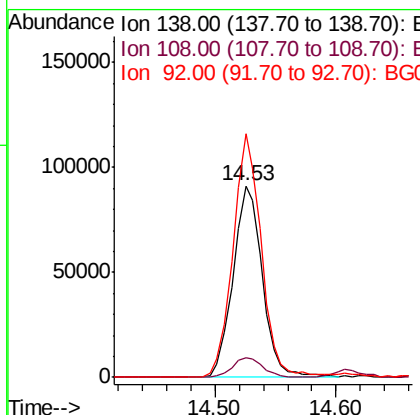
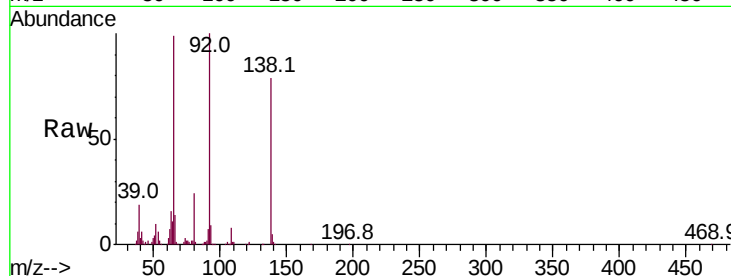




#53
3-Nitroaniline
Concen: 39.734 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

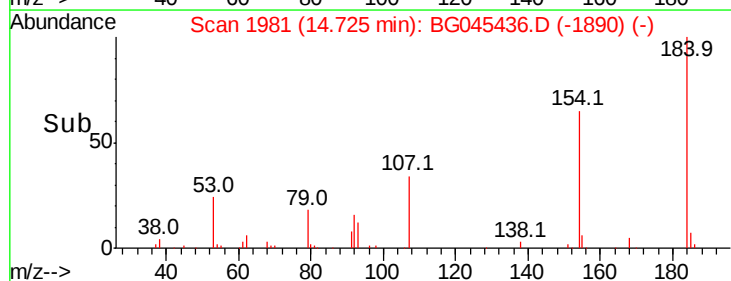
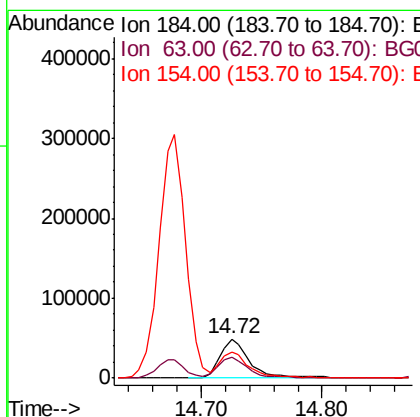
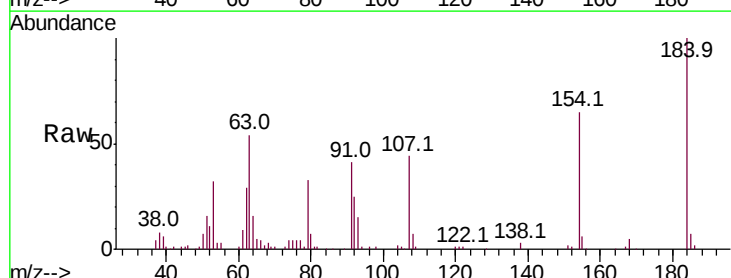
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

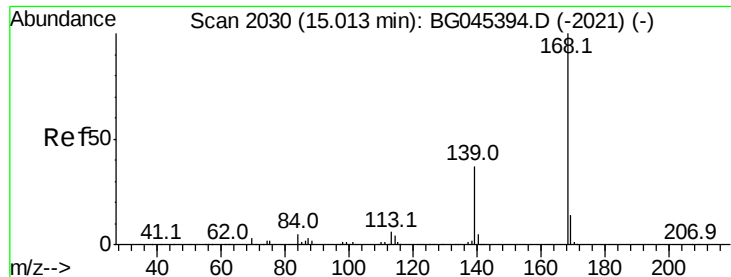
Tot Ion:138 Resp: 154112
Ion Ratio Lower Upper
138 100
108 10.2 9.8 14.6
92 127.3 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 36.228 ng
RT: 14.72 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

Tgt Ion:184 Resp: 82535
Ion Ratio Lower Upper
184 100
63 54.1 47.8 71.6
154 65.2 58.3 87.5

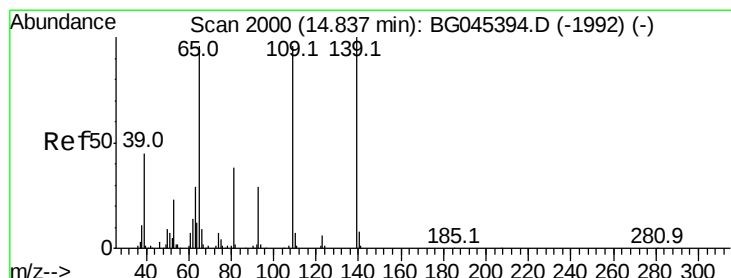
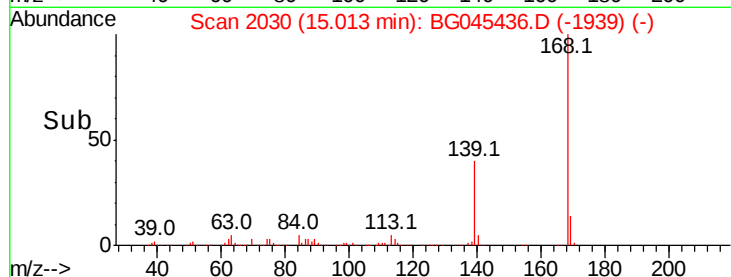
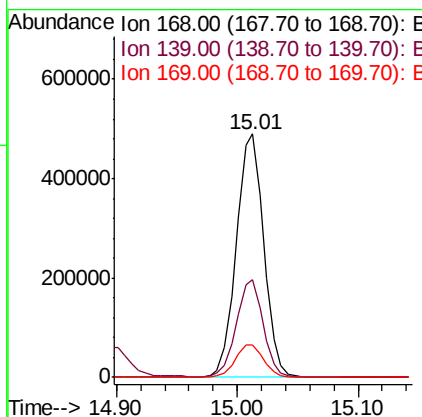
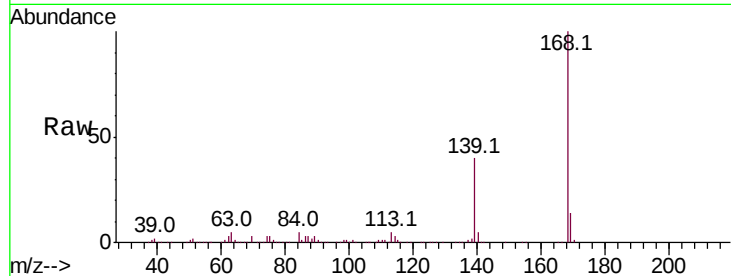




#55
Dibenzenofuran
Concen: 39.547 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

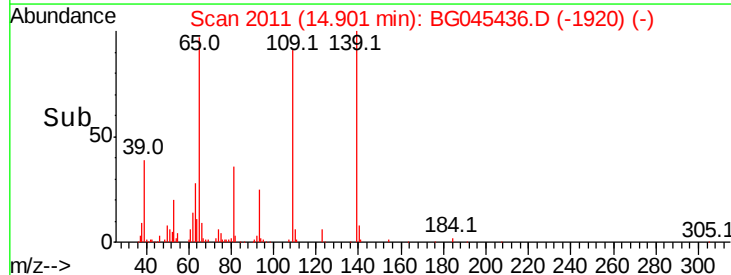
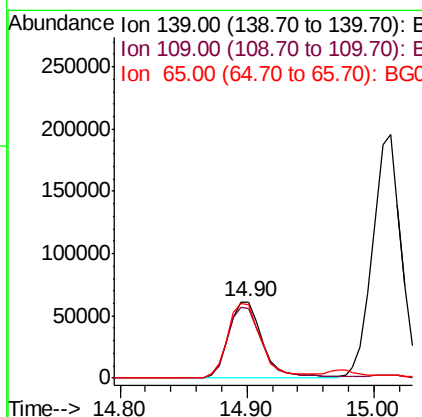
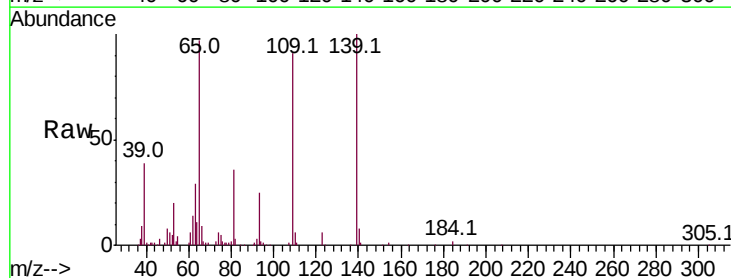
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

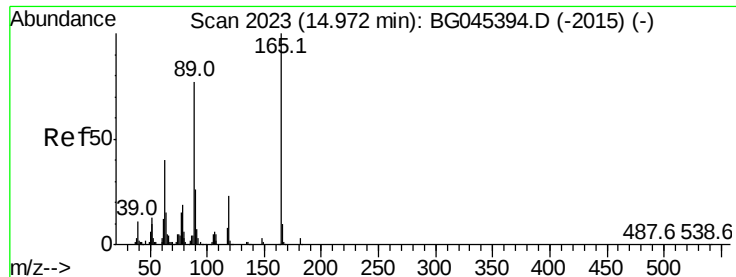
Tot Ion:168 Resp: 776591
Ion Ratio Lower Upper
168 100
139 39.9 29.9 44.9
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 38.944 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

Tgt Ion:139 Resp: 114357
Ion Ratio Lower Upper
139 100
109 91.0 75.6 115.6
65 96.7 76.8 116.8





#57

2,4-Dinitrotoluene

Concen: 39.342 ng

RT: 14.98 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:165 Resp: 217397

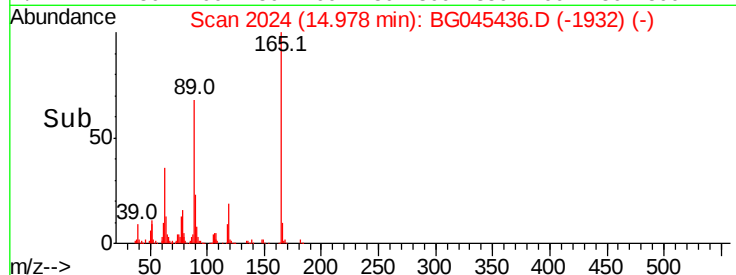
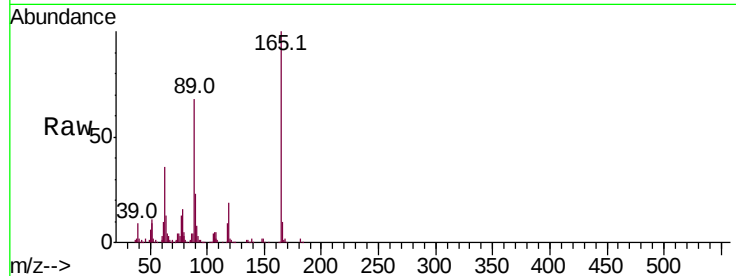
Ion Ratio Lower Upper

165 100

63 35.6 32.5 48.7

89 68.3 61.8 92.6

182 2.3 2.3 3.5

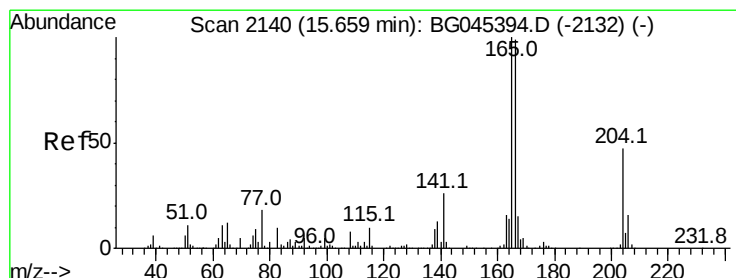
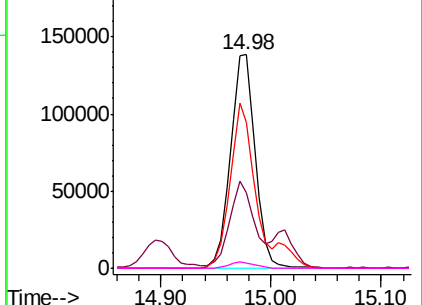


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.177 ng

RT: 15.66 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

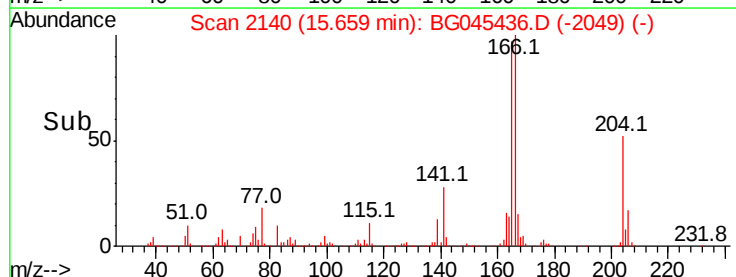
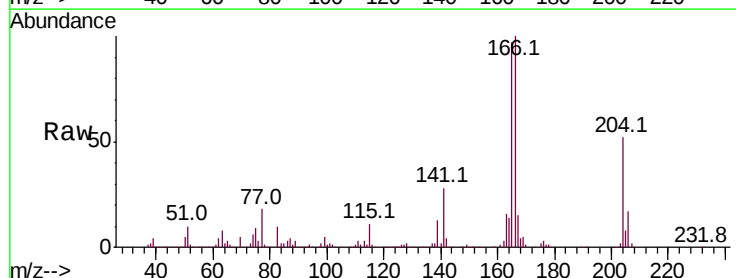
Tgt Ion:166 Resp: 648166

Ion Ratio Lower Upper

166 100

165 96.9 80.8 121.2

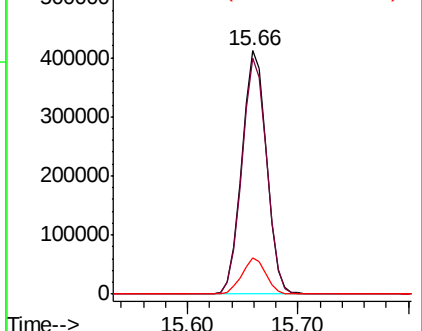
167 14.7 12.0 18.0

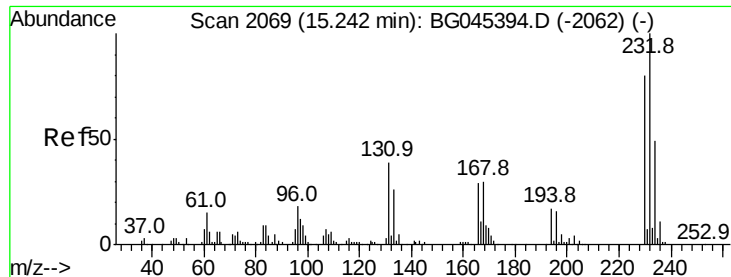


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

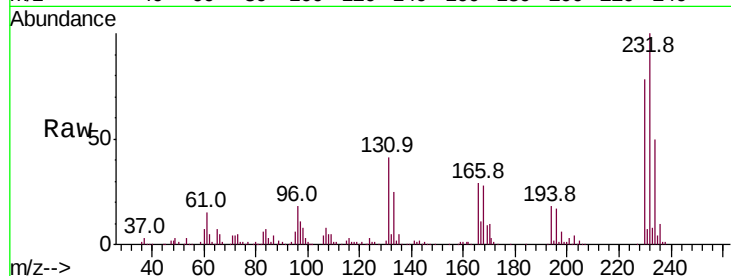




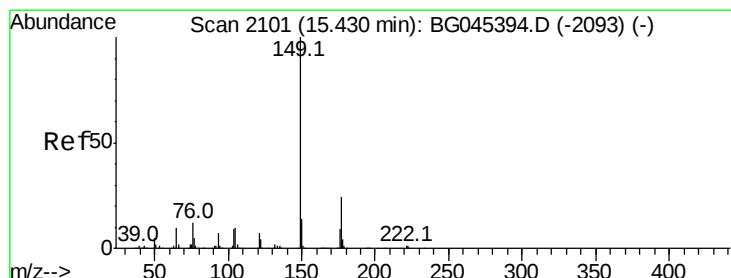
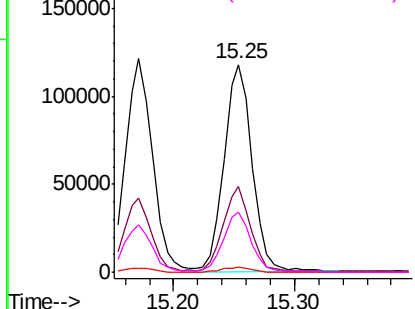
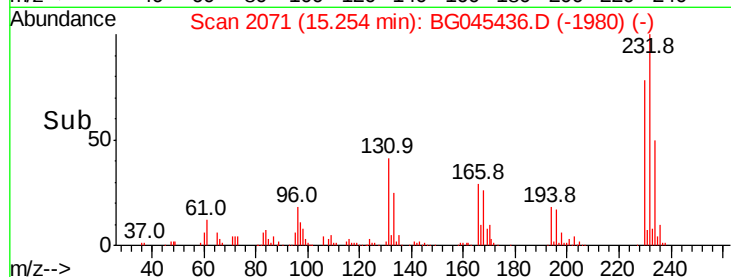
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.134 ng
 RT: 15.25 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: BG045436.D
 Acq: 20 May 2020 15:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:232 Resp: 188164
 Ion Ratio Lower Upper
 232 100
 131 41.3 33.7 50.5
 130 2.5 2.1 3.1
 166 28.9 23.2 34.8

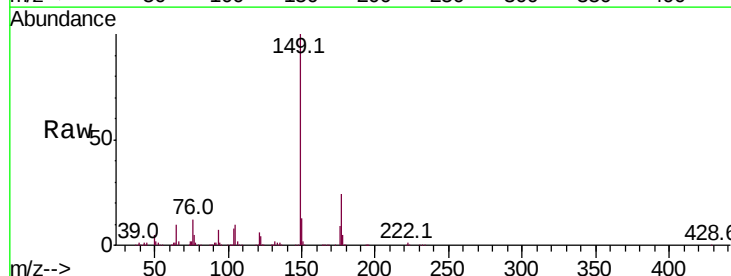


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

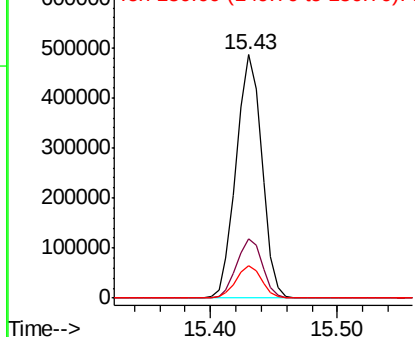
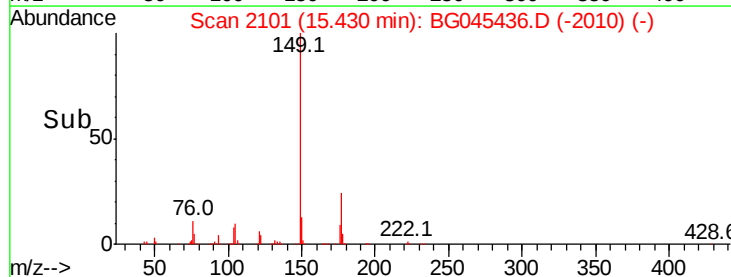


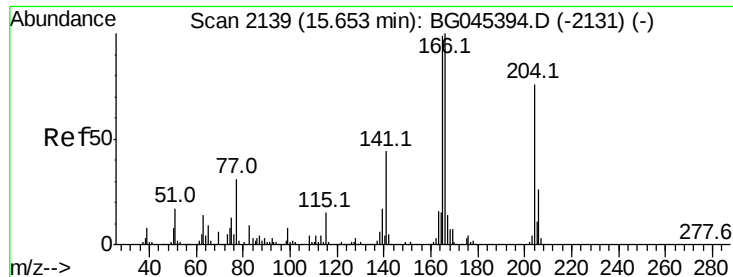
#60
 Diethylphthalate
 Concen: 38.672 ng
 RT: 15.43 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BG045436.D
 Acq: 20 May 2020 15:25

Tgt Ion:149 Resp: 680591
 Ion Ratio Lower Upper
 149 100
 177 24.3 19.0 28.4
 150 13.4 11.4 17.0



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

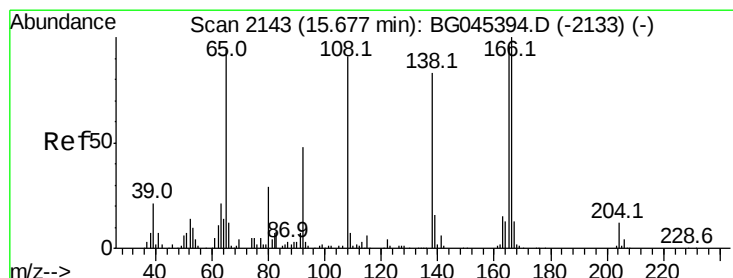
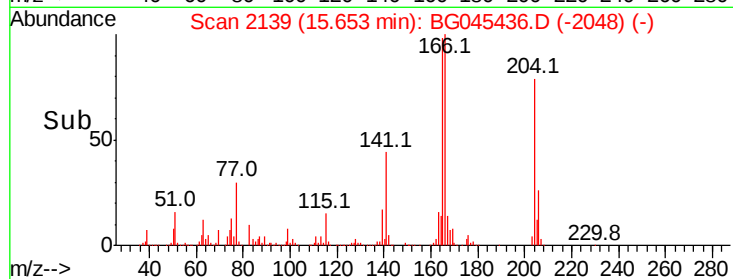
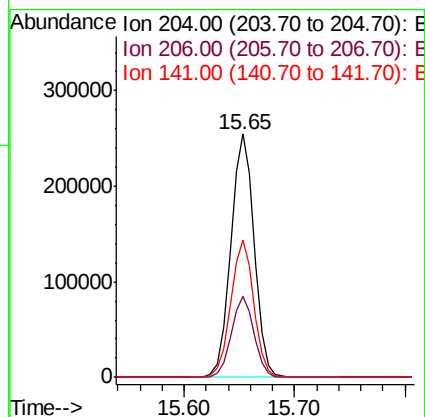
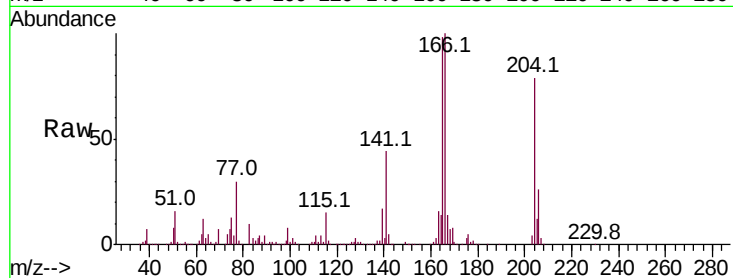




#61
4-Chlorophenyl-phenylether
Concen: 40.609 ng
RT: 15.65 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

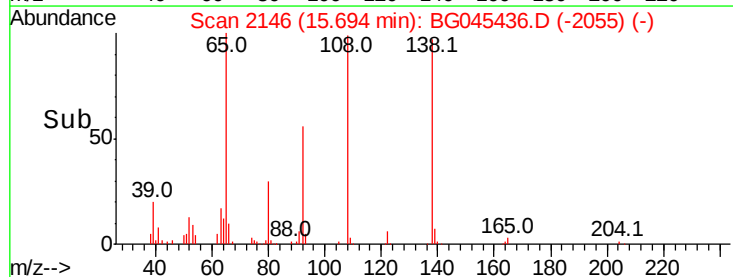
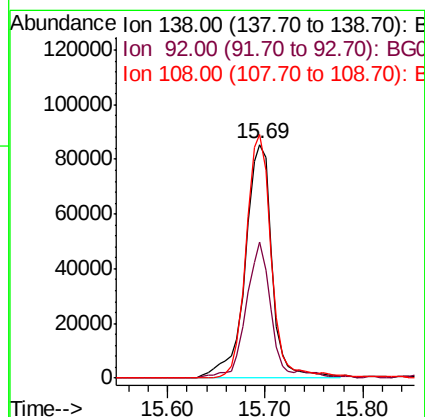
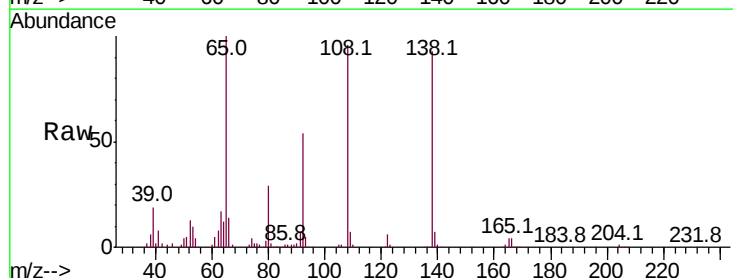
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

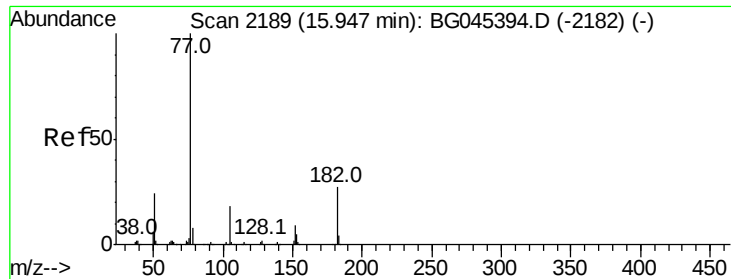
Tot Ion:204 Resp: 374891
Ion Ratio Lower Upper
204 100
206 33.2 27.3 40.9
141 56.2 45.9 68.9



#62
4-Nitroaniline
Concen: 40.594 ng
RT: 15.69 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

Tgt Ion:138 Resp: 164368
Ion Ratio Lower Upper
138 100
92 58.1 38.0 78.0
108 104.1 89.3 129.3

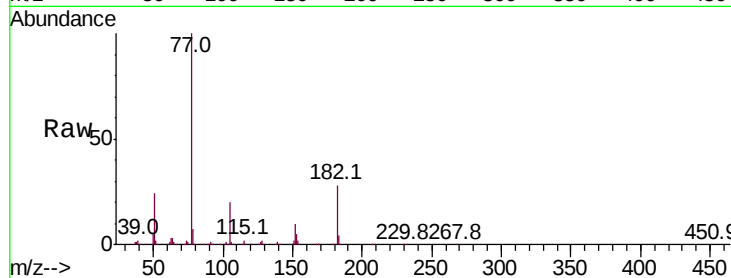




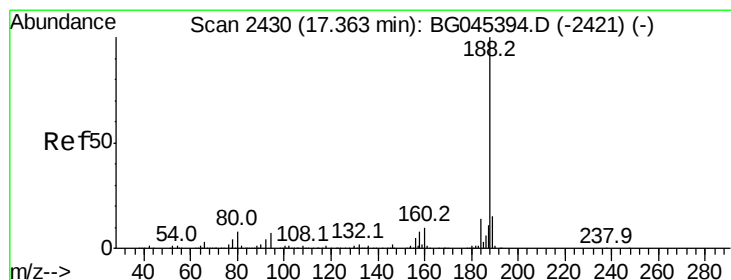
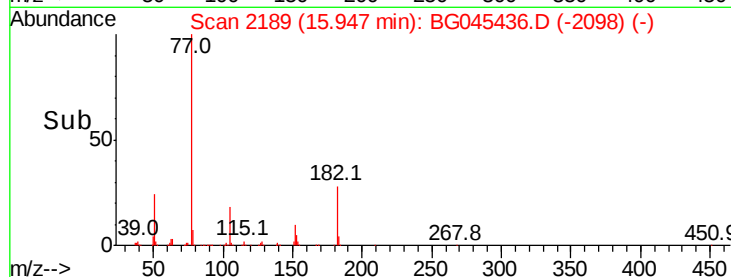
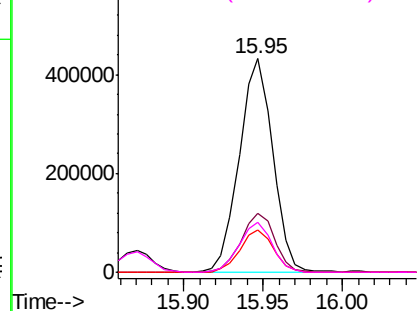
#63
Azobenzene
Concen: 38.426 ng
RT: 15.95 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:	77	Resp:	630583
Ion	Ratio	Lower	Upper
77	100		
182	27.6	6.5	46.5
105	19.7	0.0	37.9
51	23.6	4.1	44.1

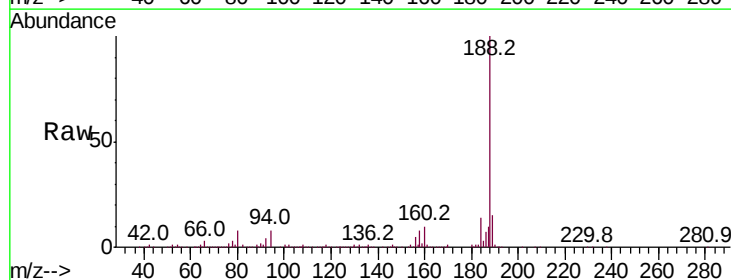


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

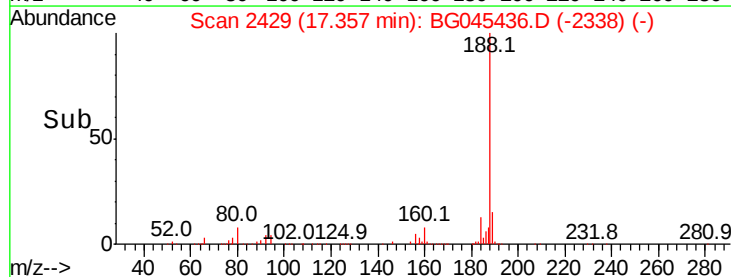
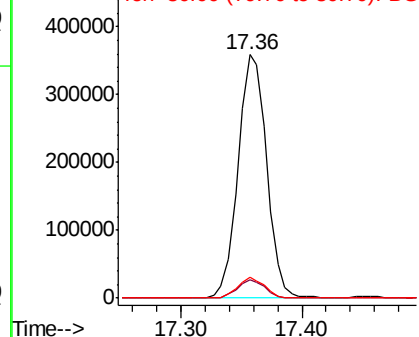


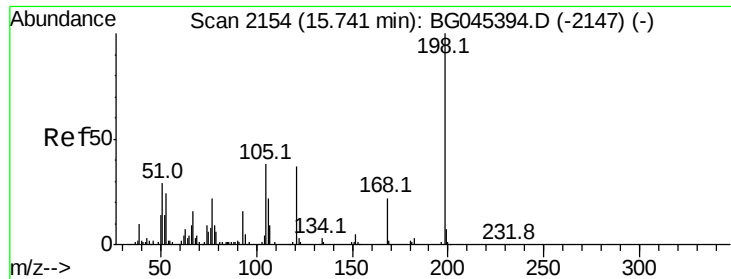
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

Tgt Ion:	188	Resp:	591128
Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.5	8.3
80	8.4	6.6	10.0



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

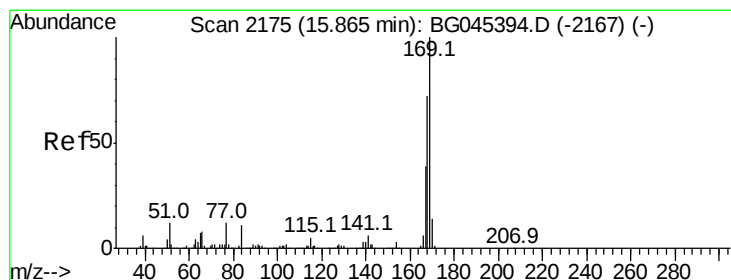
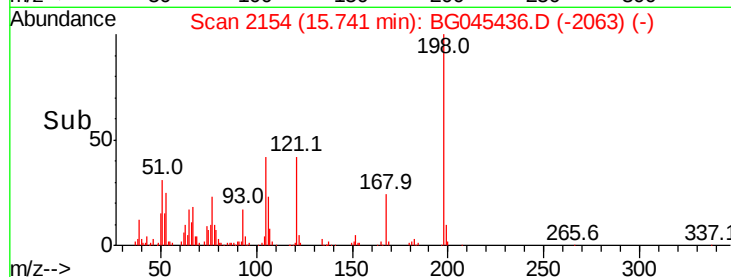
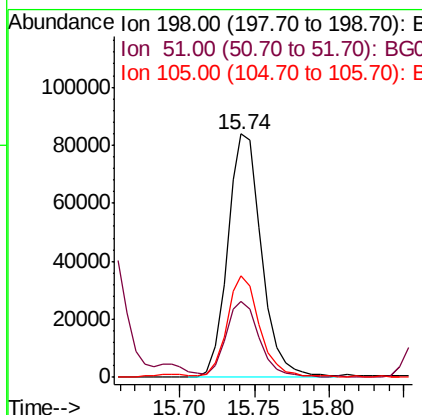
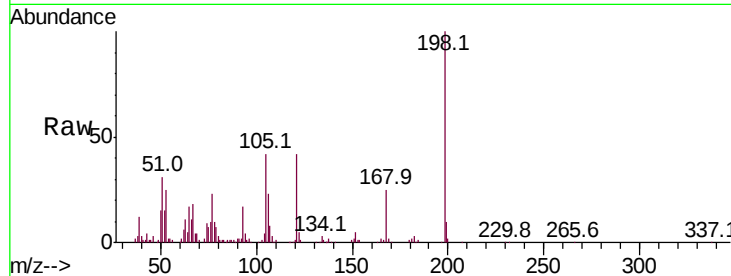




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.637 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG045436.D
 Acq: 20 May 2020 15:25

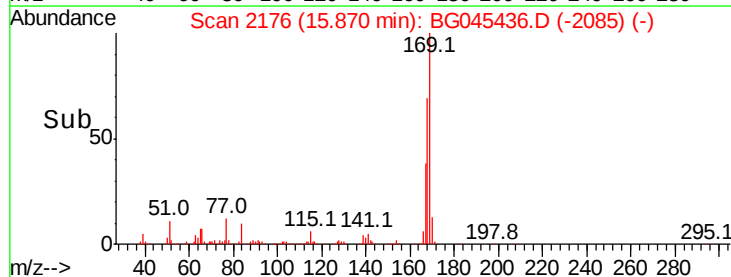
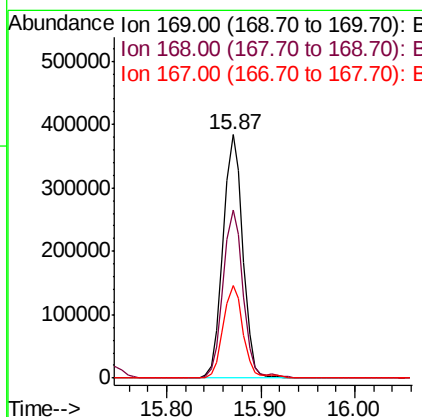
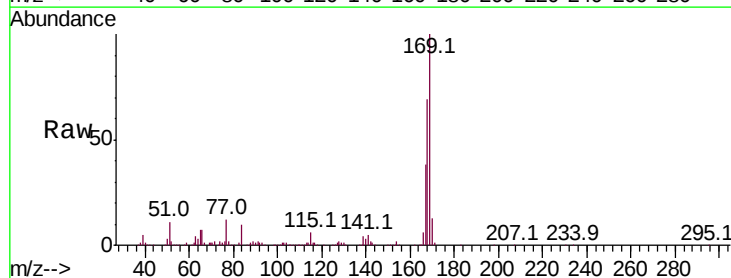
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

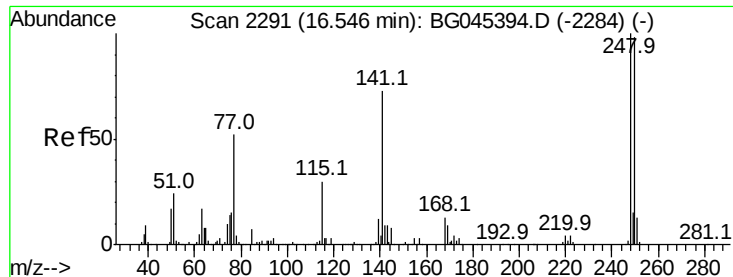
Tot Ion	Ratio	Lower	Upper
198	100		
51	31.1	10.0	50.0
105	41.5	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 39.737 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: BG045436.D
 Acq: 20 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.8	57.8	86.6
167	38.2	31.5	47.3

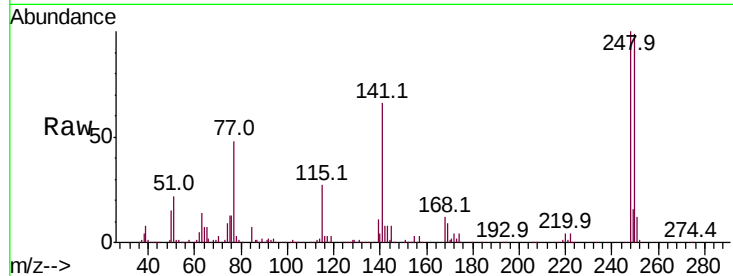




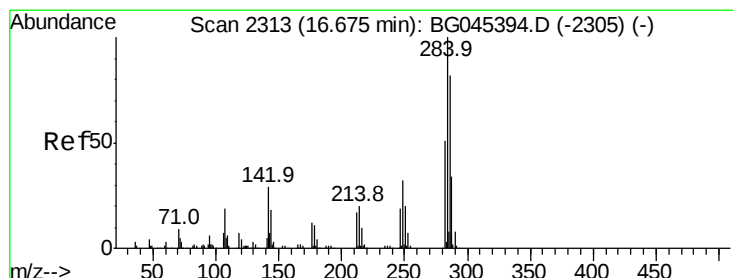
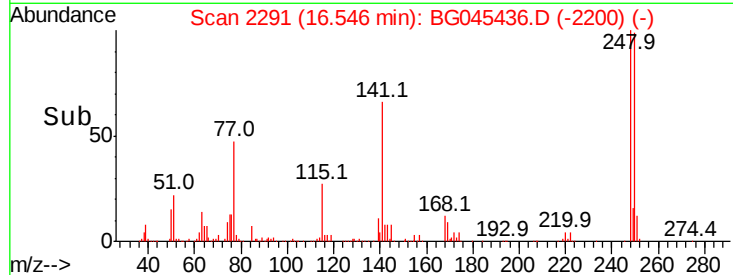
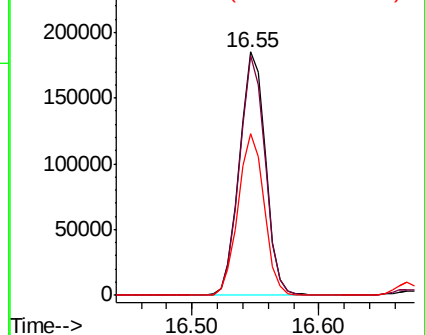
#67
4-Bromophenyl-phenylether
Concen: 41.156 ng
RT: 16.55 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:248 Resp: 263437
Ion Ratio Lower Upper
248 100
250 98.7 78.6 117.8
141 66.2 58.2 87.2

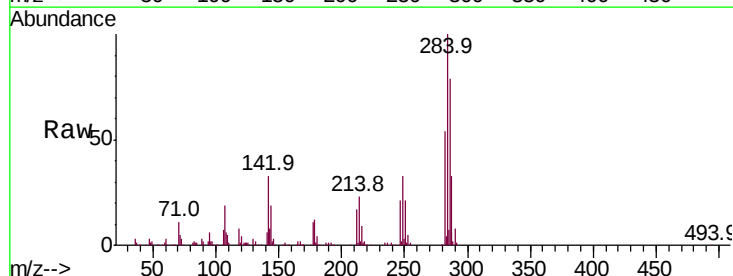


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

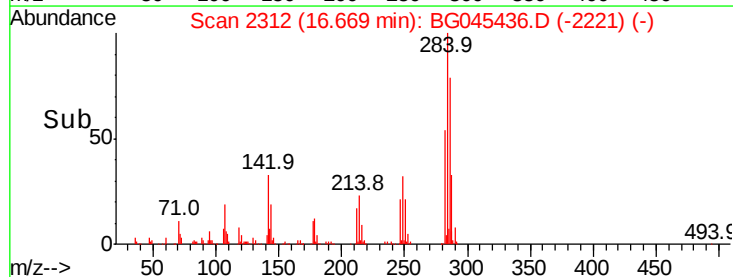
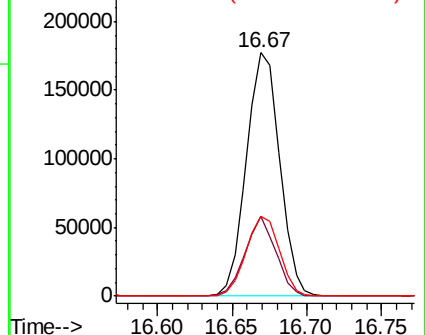


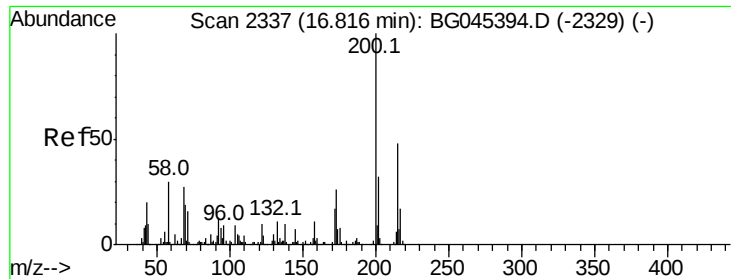
#68
Hexachlorobenzene
Concen: 40.793 ng
RT: 16.67 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

Tgt Ion:284 Resp: 273105
Ion Ratio Lower Upper
284 100
142 32.7 23.0 34.6
249 32.7 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: 38.847 ng

RT: 16.82 min Scan# 2338

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

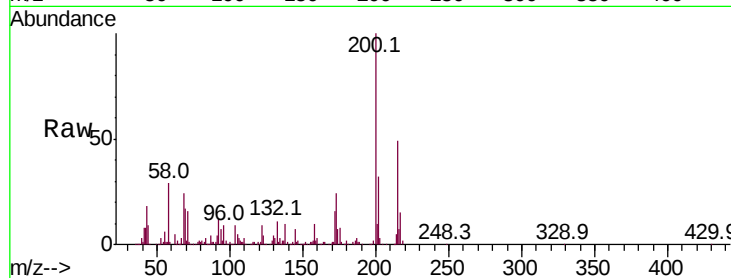
Tot Ion:200 Resp: 227095

Ion Ratio Lower Upper

200 100

173 23.9 5.5 45.5

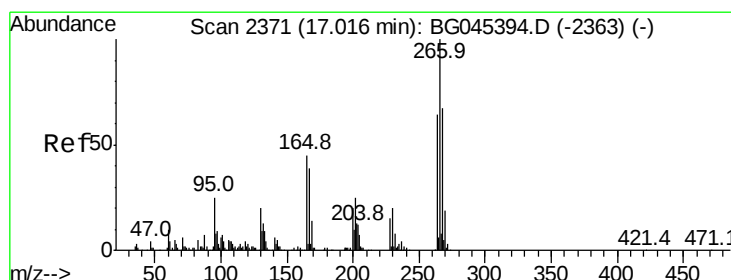
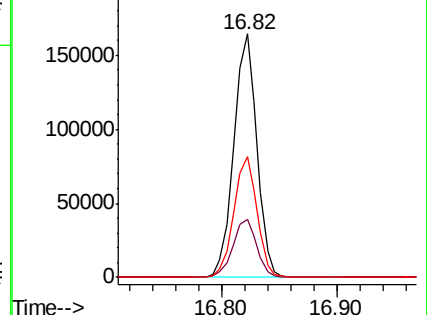
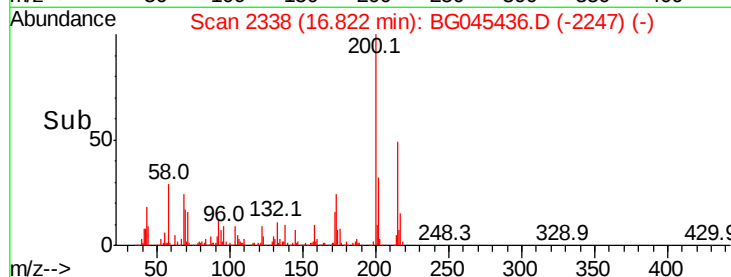
215 49.4 28.2 68.2



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: 35.032 ng

RT: 17.03 min Scan# 2373

Delta R.T. 0.01 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

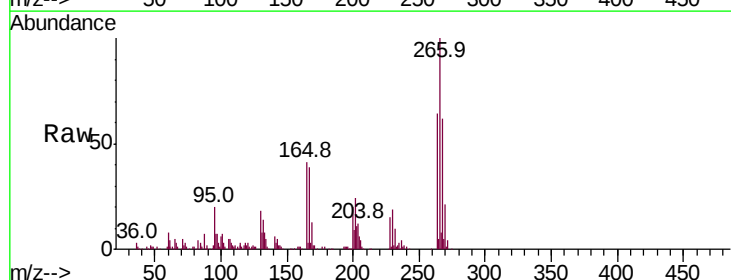
Tgt Ion:266 Resp: 121780

Ion Ratio Lower Upper

266 100

268 62.3 53.2 79.8

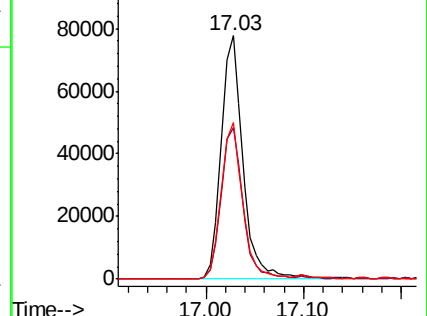
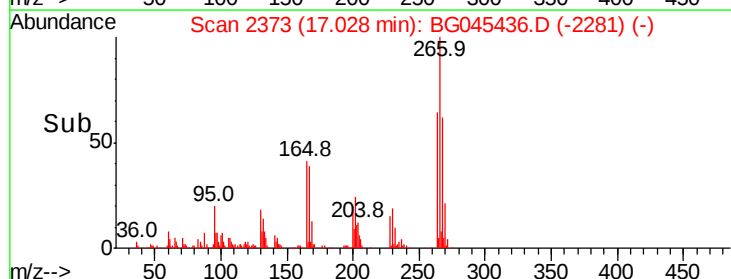
264 64.4 51.0 76.4

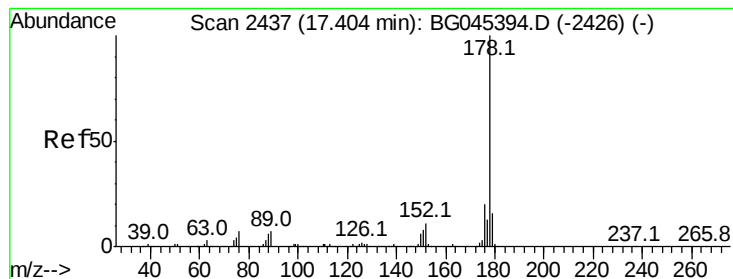


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.539 ng

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

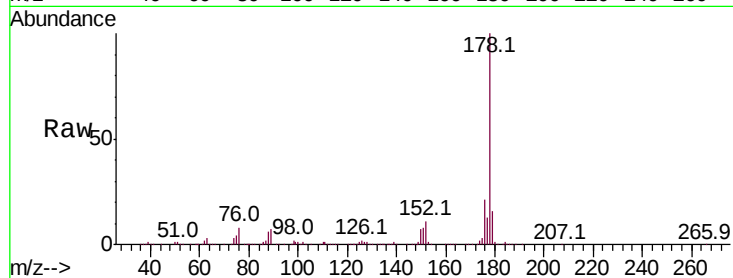
Tot Ion:178 Resp: 1020343

Ion Ratio Lower Upper

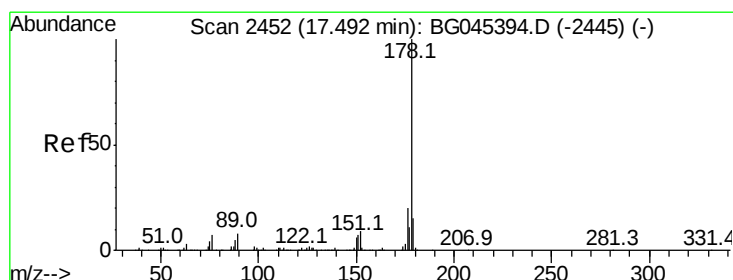
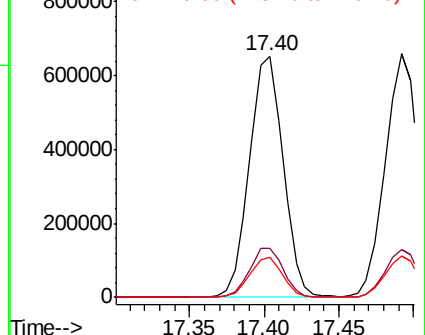
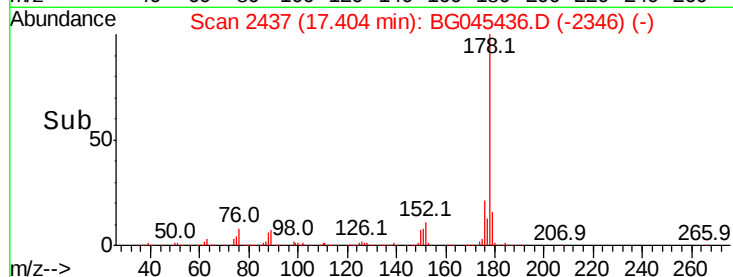
178 100

176 20.5 16.2 24.4

179 16.4 13.1 19.7



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



#72

Anthracene

Concen: 39.504 ng

RT: 17.49 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

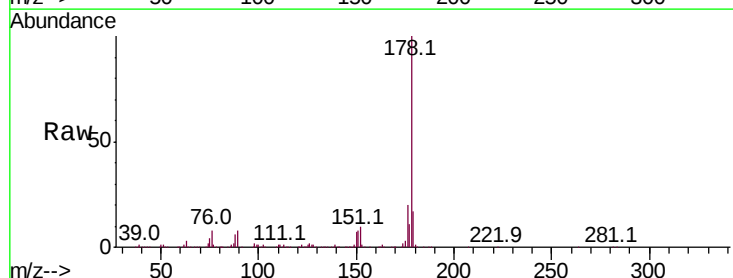
Tgt Ion:178 Resp: 1023747

Ion Ratio Lower Upper

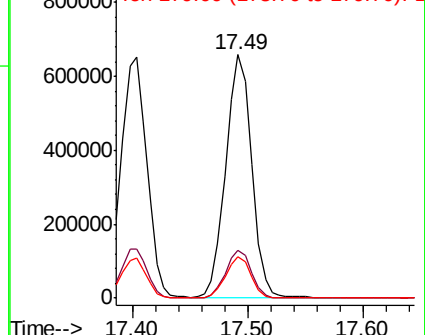
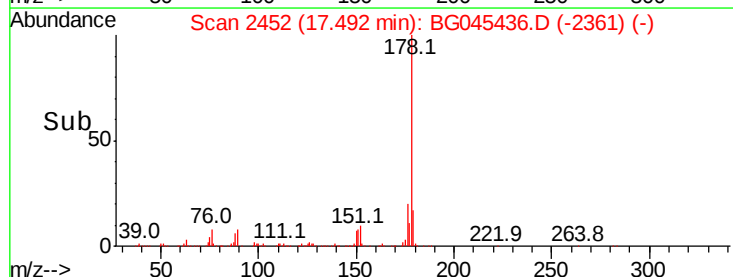
178 100

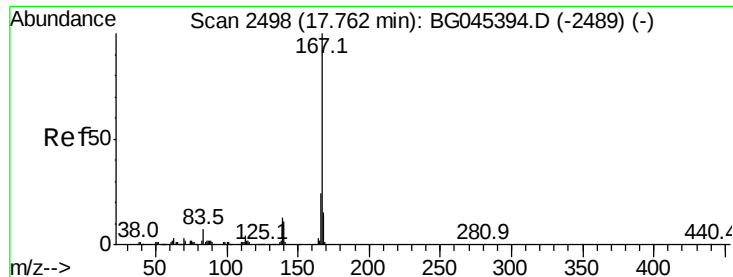
176 19.6 15.8 23.6

179 16.9 12.2 18.4



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





#73

Carbazole

Concen: 39.609 ng

RT: 17.77 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

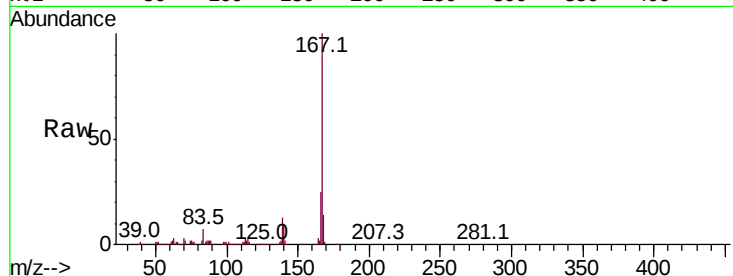
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:167 Resp: 1000570

Ion	Ratio	Lower	Upper
167	100		
166	24.8	19.2	28.8
139	13.1	10.6	16.0

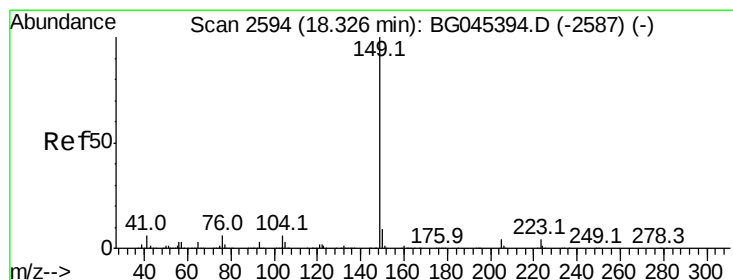
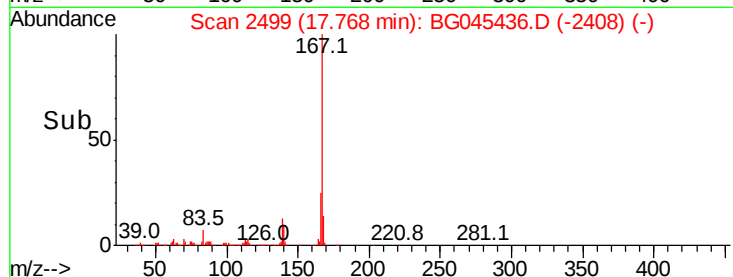
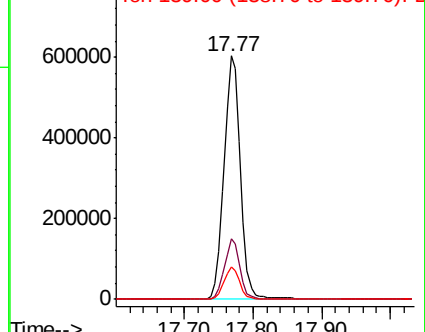


Abundance

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



#74

Di-n-butylphthalate

Concen: 38.392 ng

RT: 18.32 min Scan# 2593

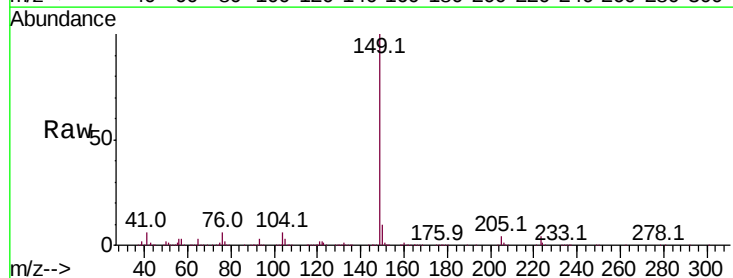
Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Tgt Ion:149 Resp: 1164027

Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.6	11.4
104	6.5	5.0	7.4

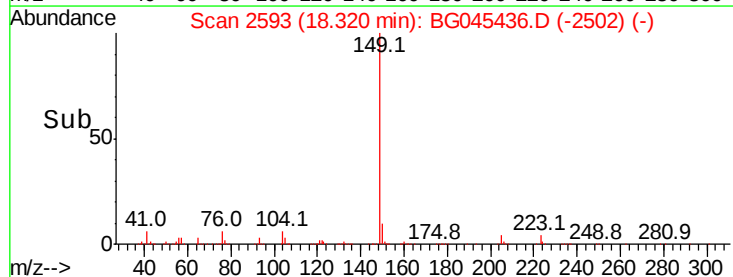
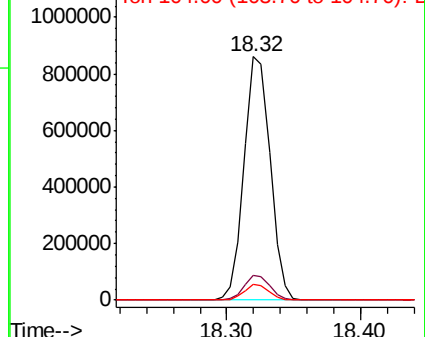


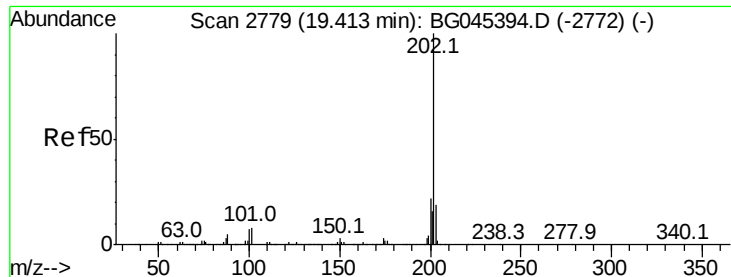
Abundance

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





#75

Fluoranthene

Concen: 38.880 ng

RT: 19.41 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

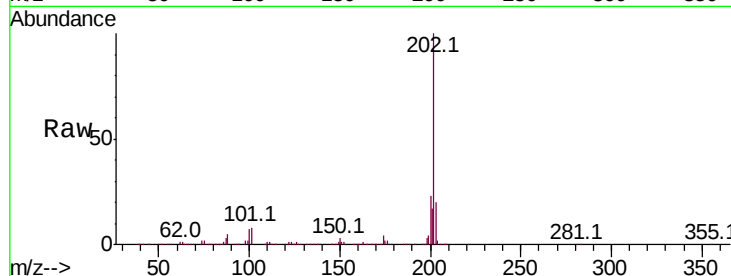
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 1276199

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.3
203	19.6	0.0	39.0

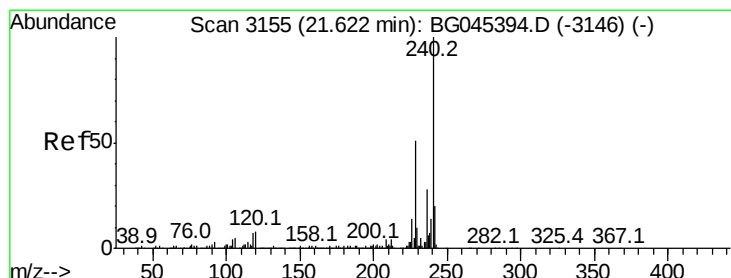
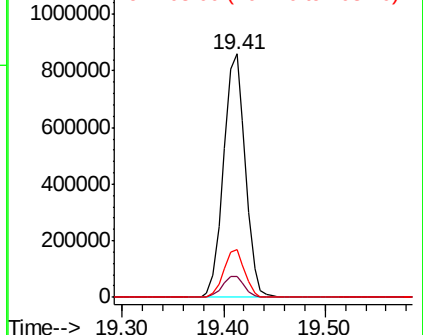
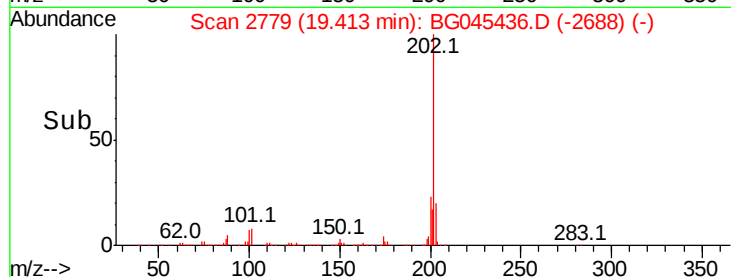


Abundance

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# 3155

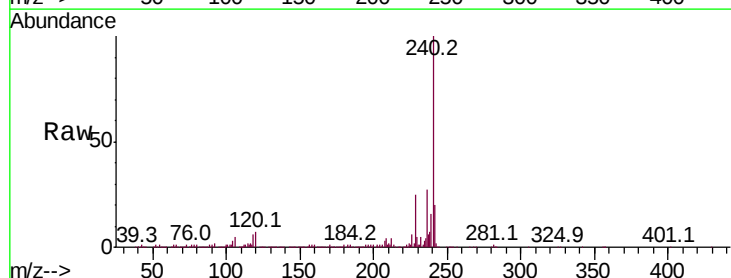
Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Tgt Ion:240 Resp: 553801

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.1	9.1
236	26.5	22.3	33.5

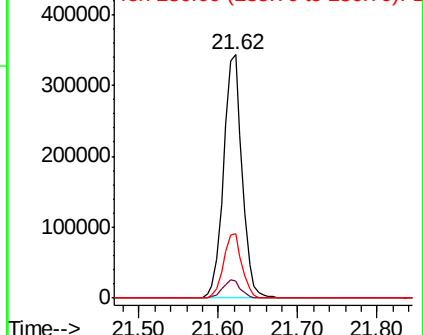
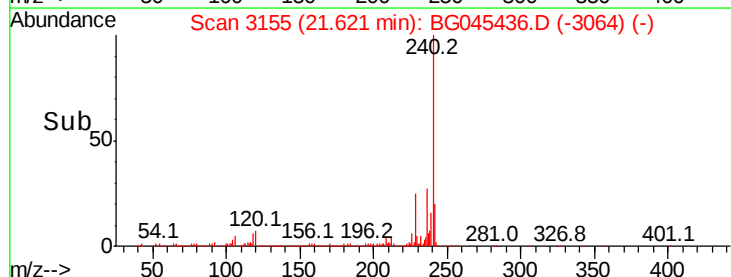


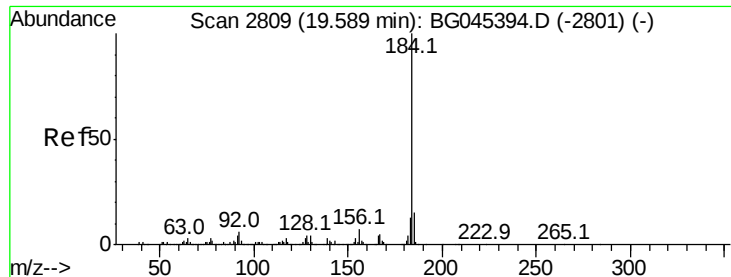
Abundance

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: 34.208 ng

RT: 19.59 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

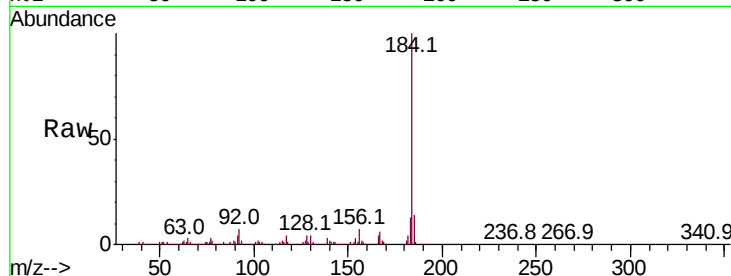
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:184 Resp: 532067

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.7	17.5
183	12.9	10.2	15.4

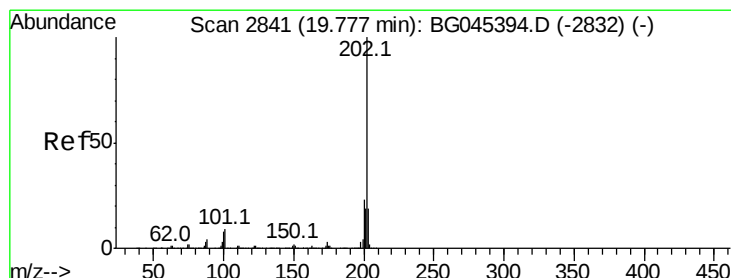
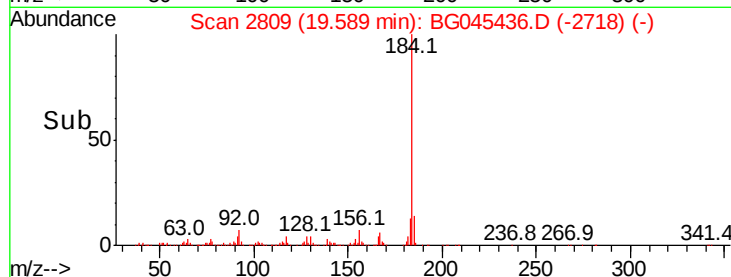
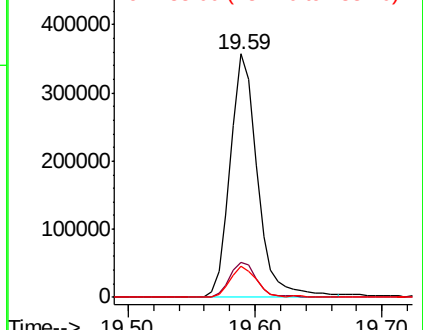


Abundance

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: 40.335 ng

RT: 19.77 min Scan# 2840

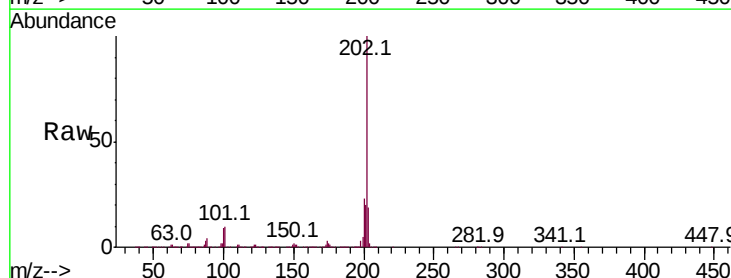
Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Tgt Ion:202 Resp: 1273324

Ion	Ratio	Lower	Upper
202	100		
200	23.4	18.2	27.2
203	19.0	15.1	22.7

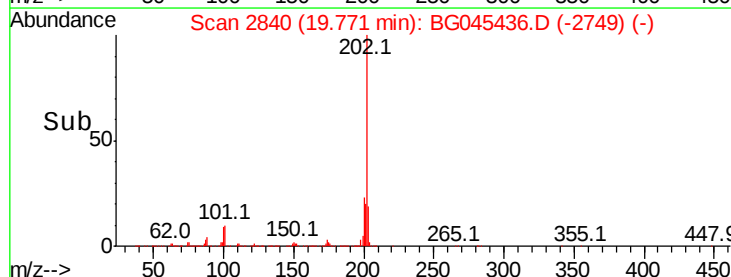
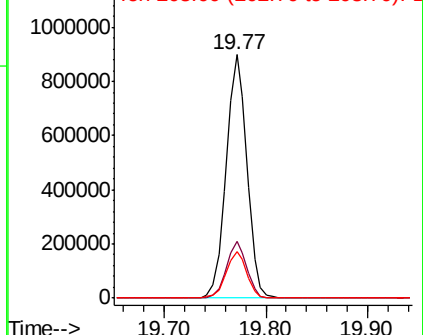


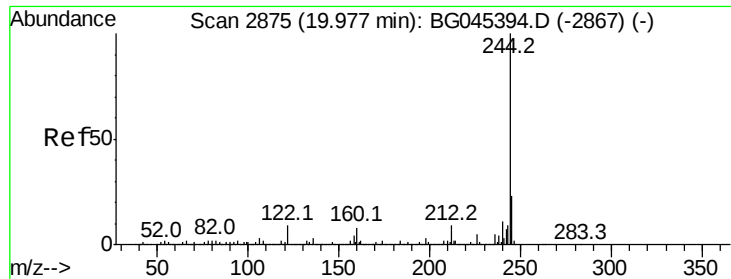
Abundance

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: 80.078 ng

RT: 19.97 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

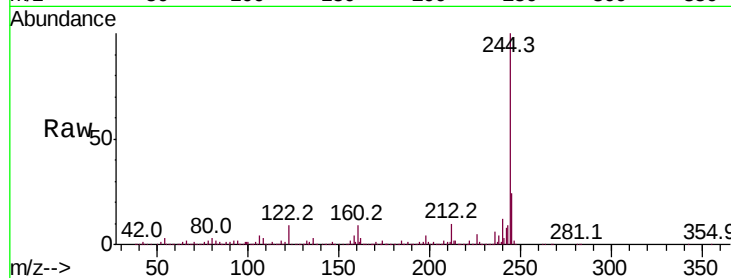
Tot Ion:244 Resp: 1901437

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.4	11.0
122	9.3	6.8	10.2

244 100

212 9.9 7.4 11.0

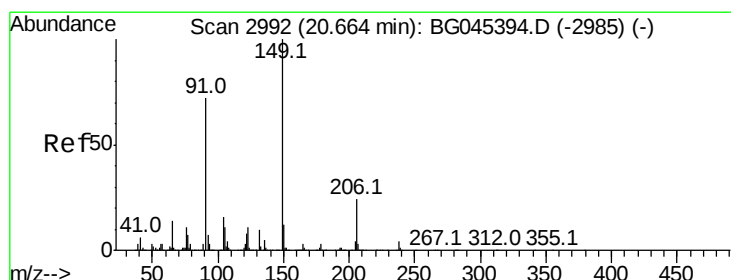
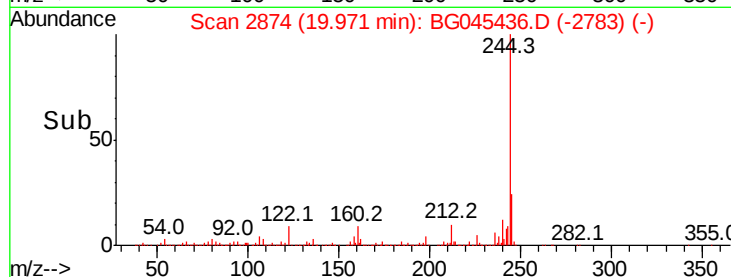
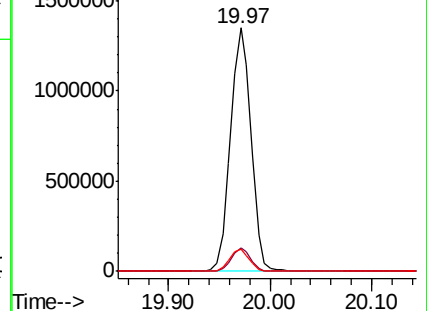
122 9.3 6.8 10.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.717 ng

RT: 20.66 min Scan# 2991

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

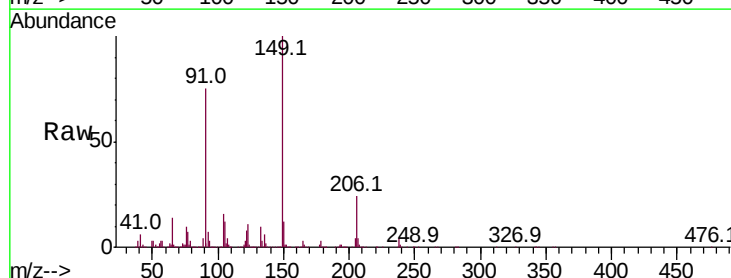
Tgt Ion:149 Resp: 541190

Ion	Ratio	Lower	Upper
149	100		
91	74.6	57.8	86.6
206	23.7	19.1	28.7

149 100

91 74.6 57.8 86.6

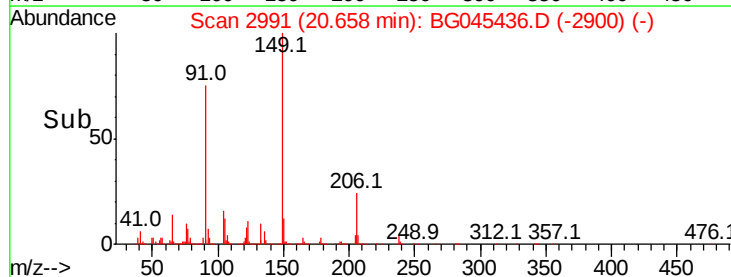
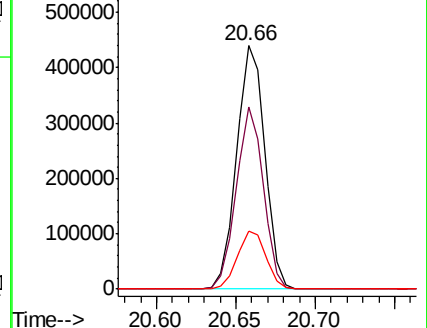
206 23.7 19.1 28.7

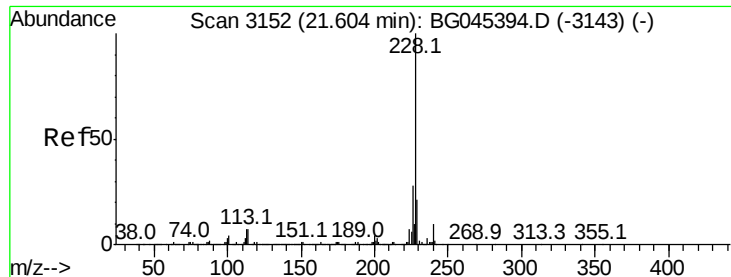


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

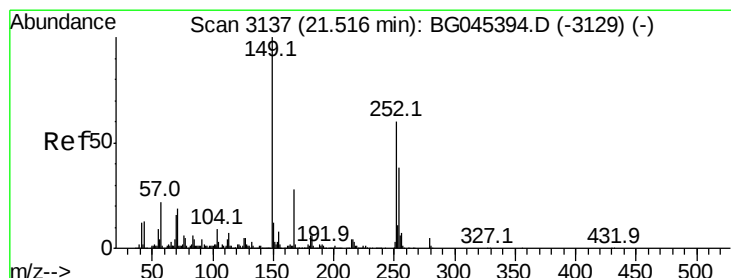
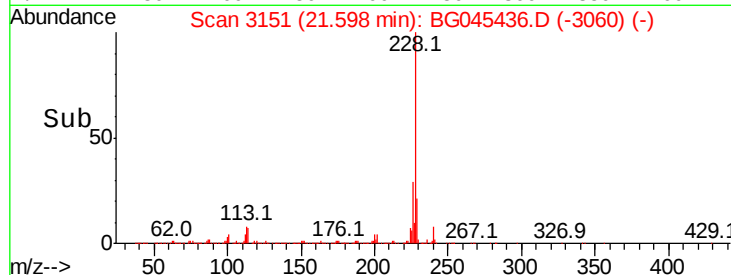
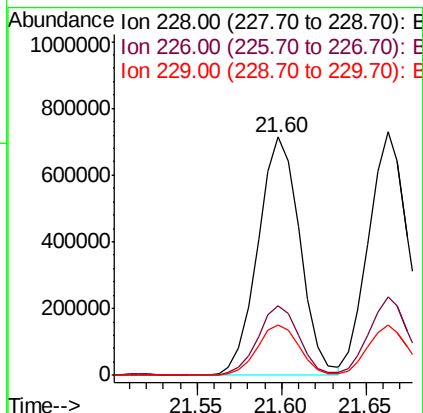
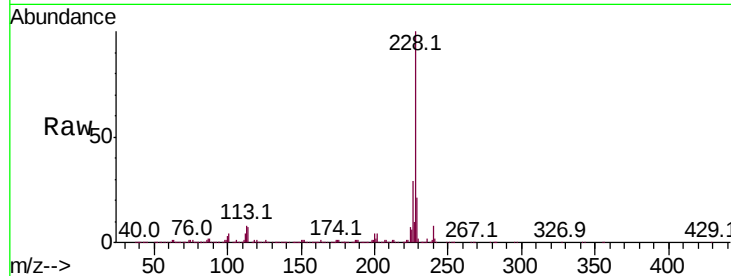




#81
Benzo(a)anthracene
Concen: 40.053 ng
RT: 21.60 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

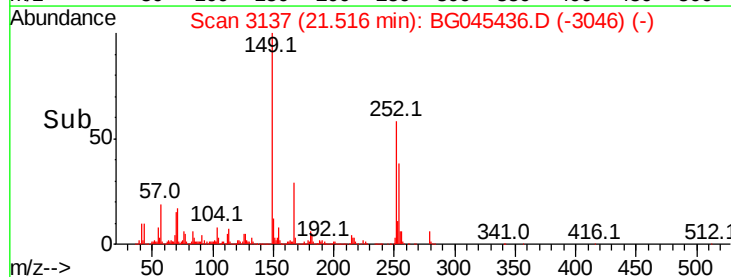
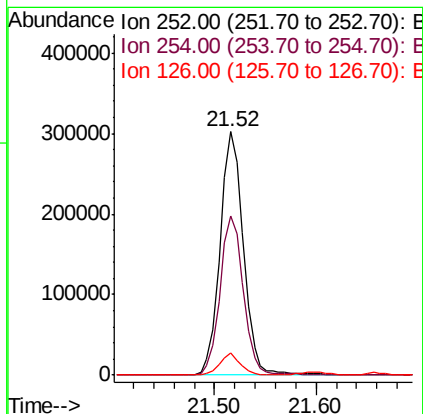
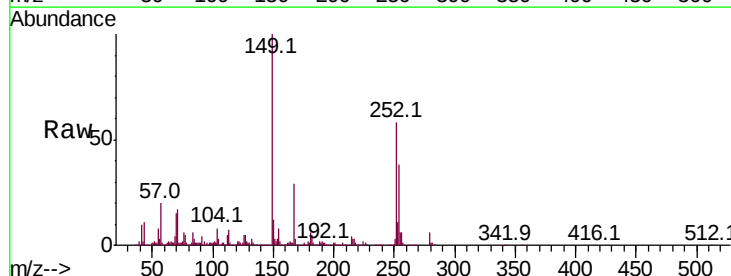
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

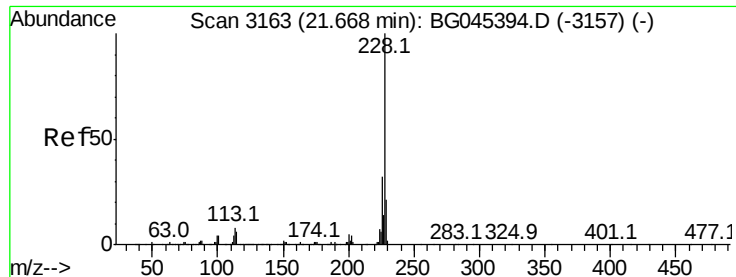
Tot Ion:228 Resp: 1235653
Ion Ratio Lower Upper
228 100
226 29.3 22.7 34.1
229 21.4 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 39.873 ng
RT: 21.52 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

Tgt Ion:252 Resp: 482527
Ion Ratio Lower Upper
252 100
254 65.2 51.3 76.9
126 8.9 6.6 10.0





#83

Chrysene

Concen: 40.244 ng

RT: 21.66 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

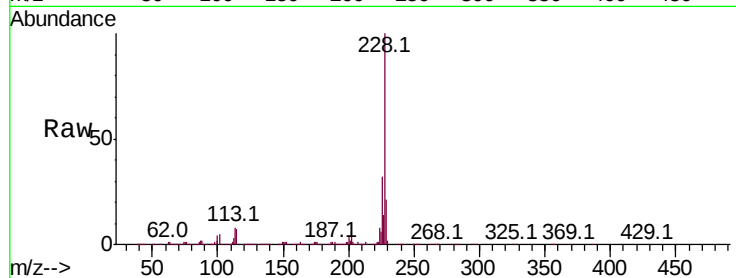
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1193781

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.2	37.8
229	20.8	16.7	25.1

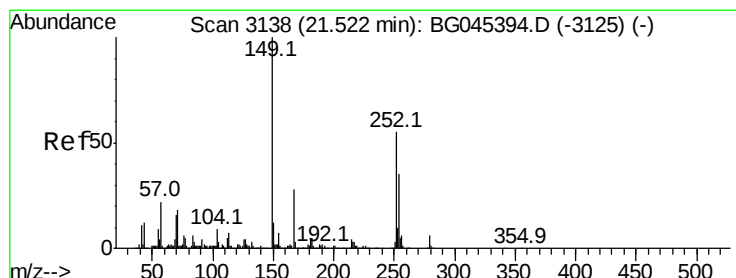
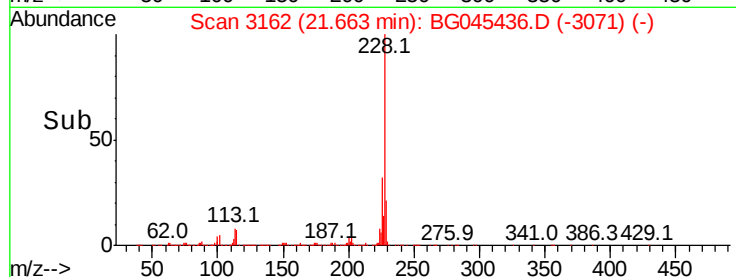
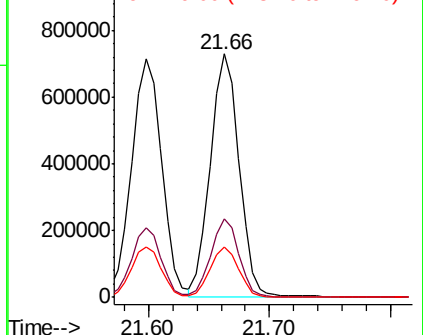


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.967 ng

RT: 21.52 min Scan# 3137

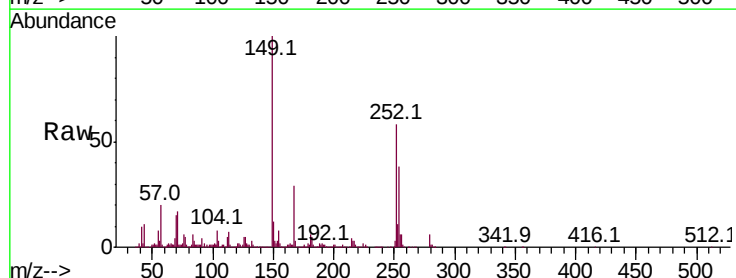
Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Tgt Ion:149 Resp: 748613

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.2	33.2
279	5.9	4.7	7.1

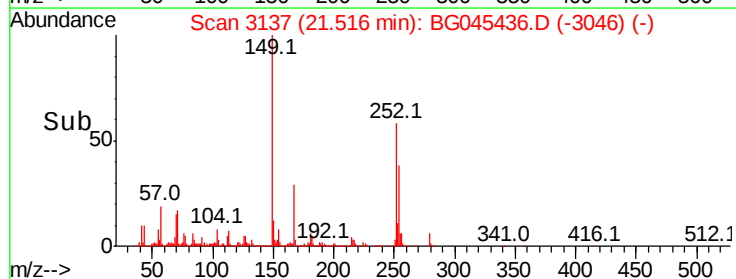
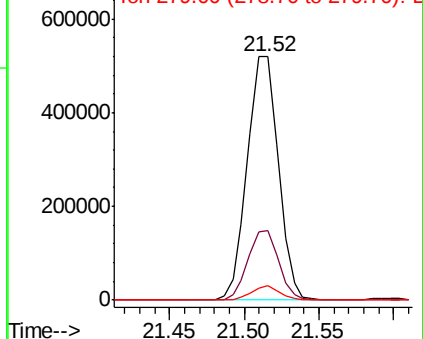


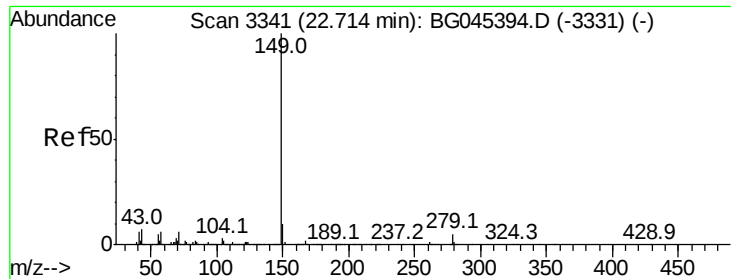
Abundance

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: 39.662 ng

RT: 22.70 min Scan# 3339

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

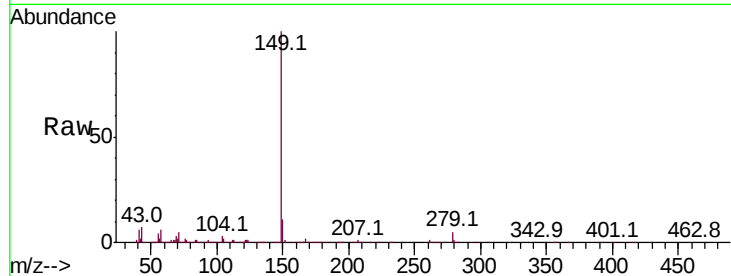
Tot Ion:149 Resp: 1275959

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

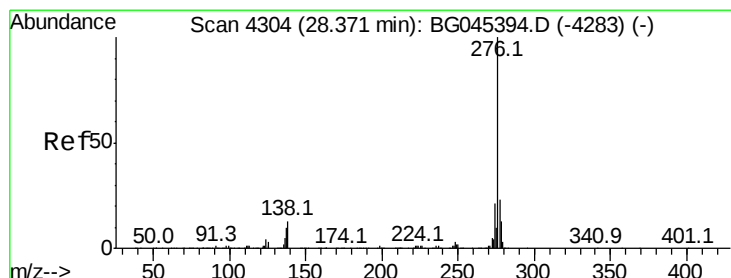
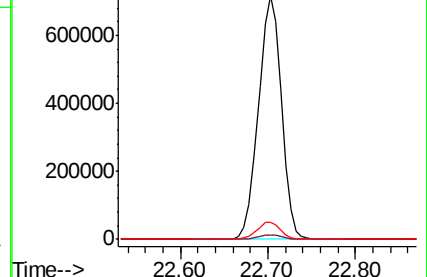
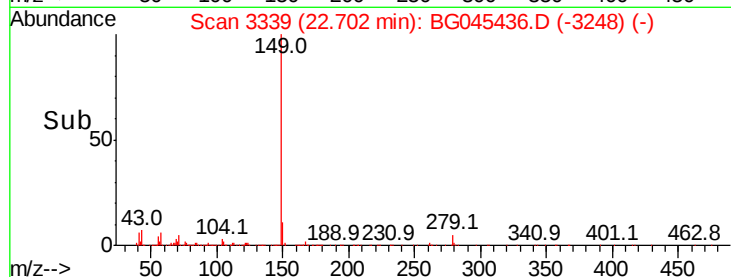
43 6.9 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.037 ng

RT: 28.35 min Scan# 4301

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

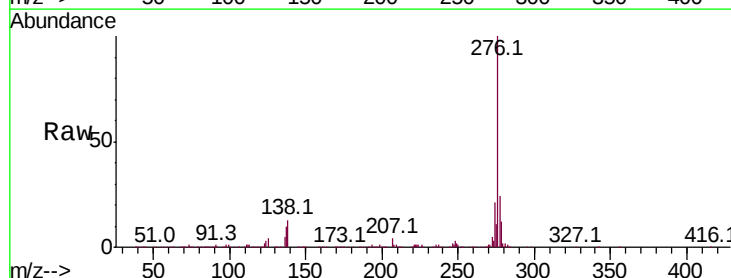
Tgt Ion:276 Resp: 1553059

Ion Ratio Lower Upper

276 100

138 15.7 8.6 12.8#

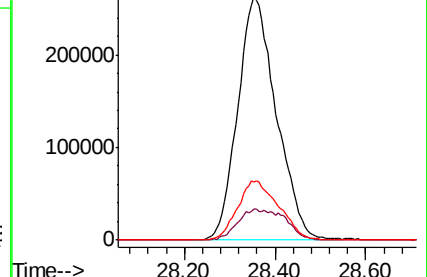
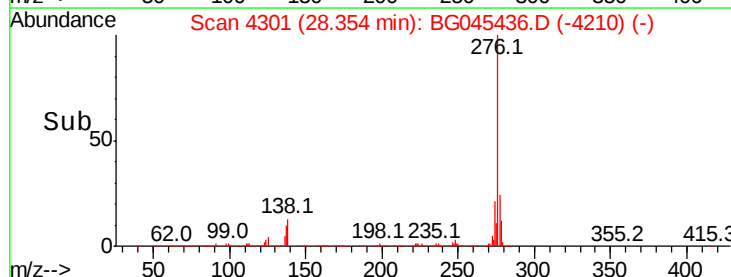
277 26.0 20.2 30.4

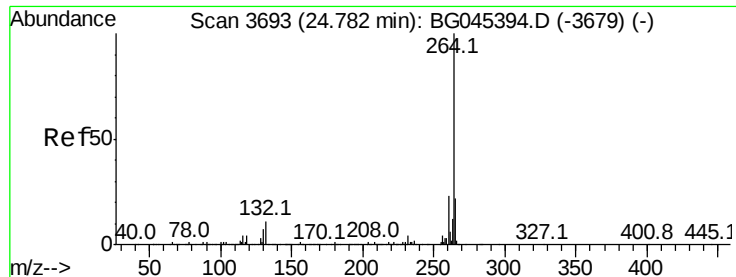


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.77 min Scan# 3691

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

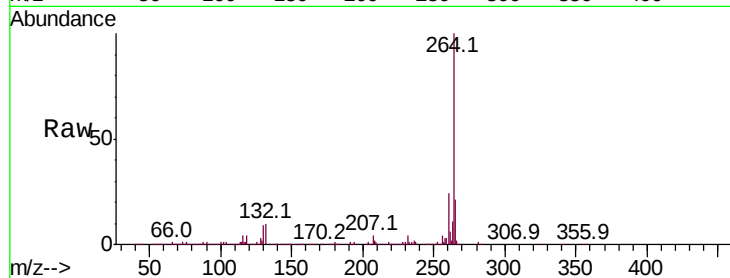
Tot Ion:264 Resp: 620078

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

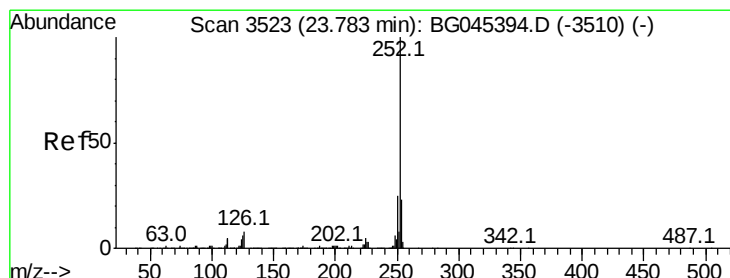
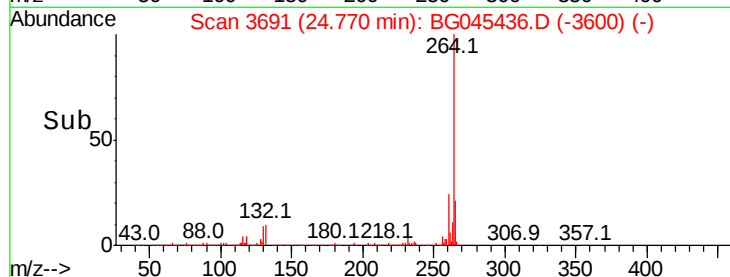
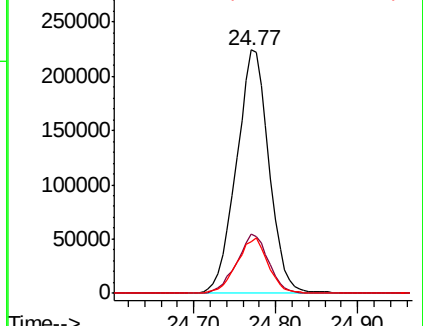
265 21.0 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.597 ng

RT: 23.77 min Scan# 3521

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

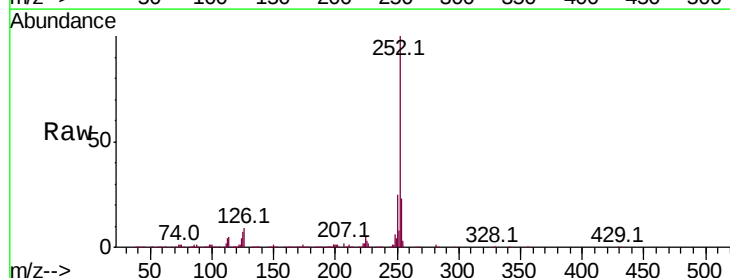
Tgt Ion:252 Resp: 1316814

Ion Ratio Lower Upper

252 100

253 23.4 18.1 27.1

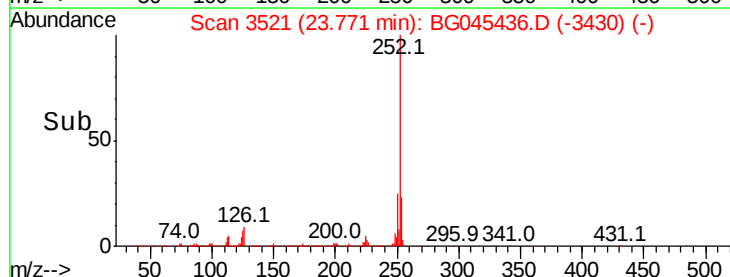
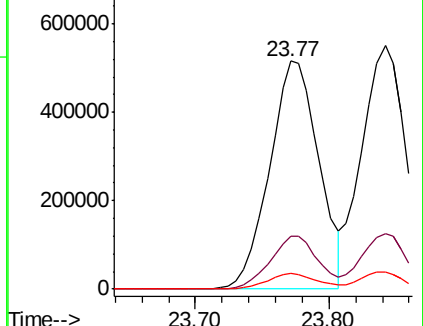
125 7.1 5.0 7.6

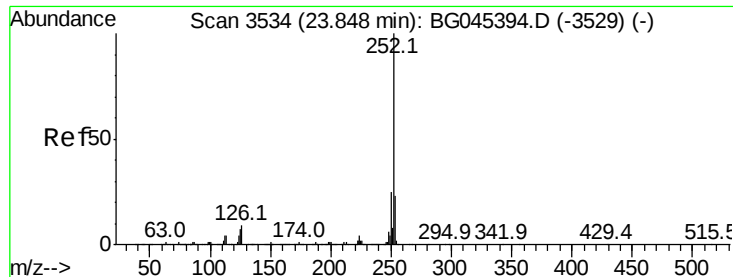


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.918 ng

RT: 23.84 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

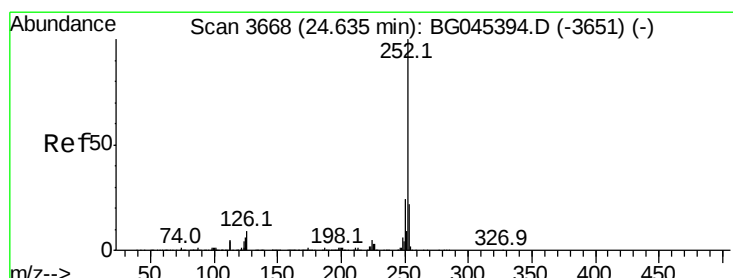
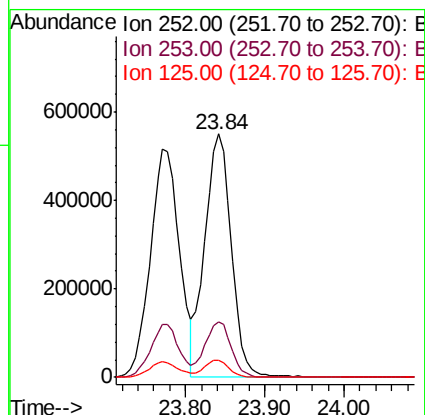
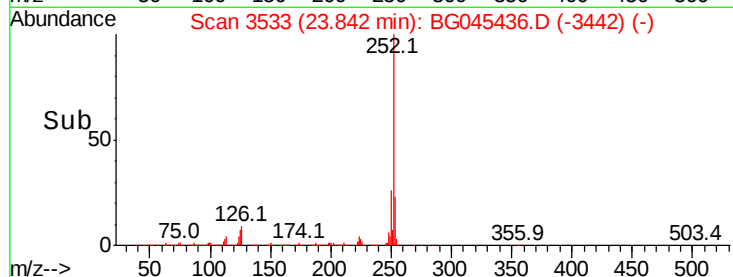
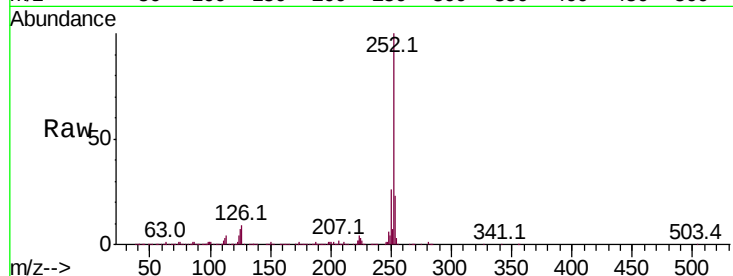
Tot Ion:252 Resp: 1278418

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

125 6.8 5.7 8.5



#90

Benzo(a)pyrene

Concen: 40.200 ng

RT: 24.62 min Scan# 3666

Delta R.T. 0.00 min

Lab File: BG045436.D

Acq: 20 May 2020 15:25

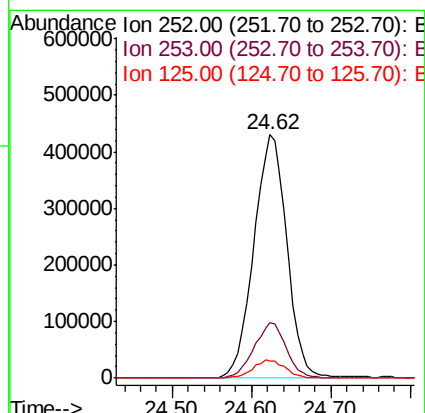
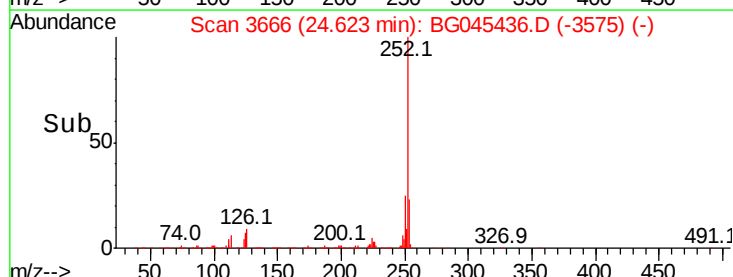
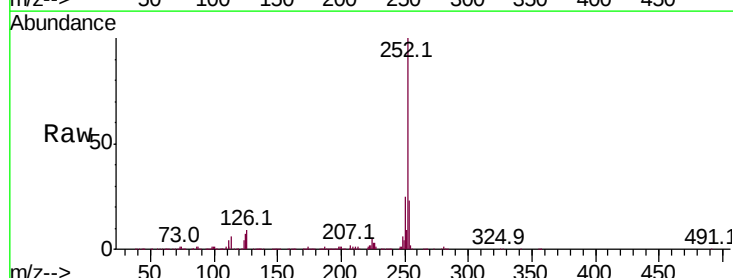
Tgt Ion:252 Resp: 1245070

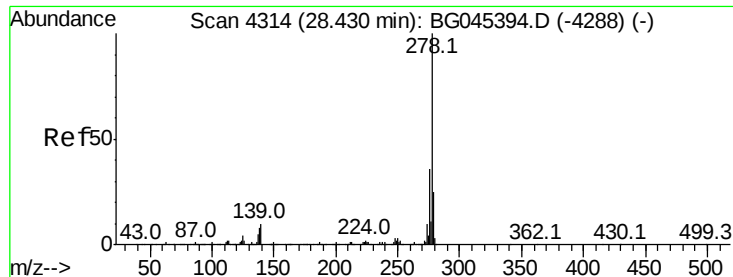
Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

125 7.0 5.0 7.6



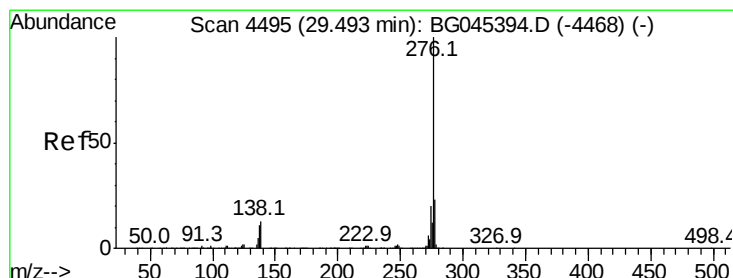
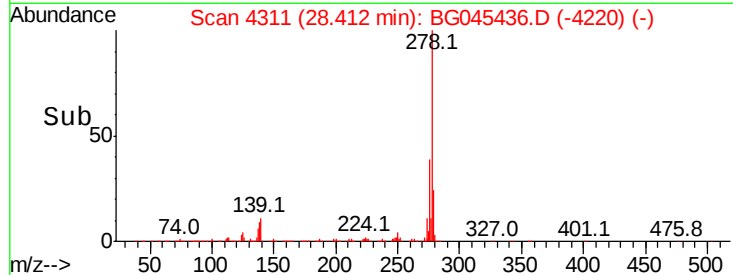
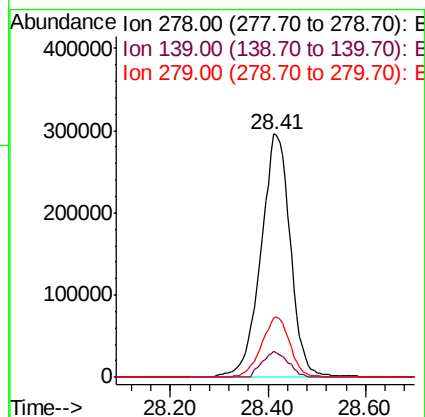
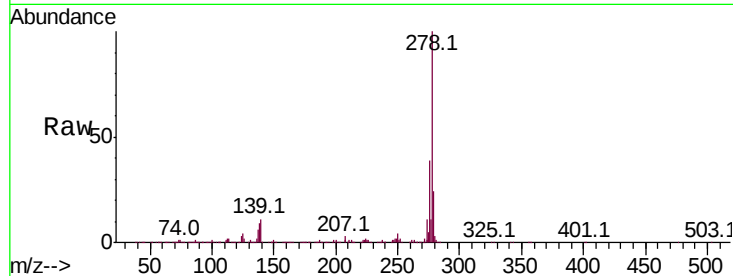


#91
Dibenzo(a,h)anthracene
Concen: 40.010 ng
RT: 28.41 min Scan# 4311
Delta R.T. 0.00 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:278 Resp: 1245241

Ion	Ratio	Lower	Upper
278	100		
139	10.9	7.8	11.8
279	24.2	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 39.724 ng
RT: 29.48 min Scan# 4492
Delta R.T. 0.01 min
Lab File: BG045436.D
Acq: 20 May 2020 15:25

Tgt Ion:276 Resp: 1236518

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.1	27.1
138	13.9	10.2	15.4

