

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045706.D
 Acq On : 11 Jun 2020 3:22
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 11 04:09:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59764	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	242842	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	163818	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	369404	20.00	ng	0.00
76) Chrysene-d12	21.60	240	342133	20.00	ng	0.00
87) Perylene-d12	24.74	264	377841	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	291356	95.27	ng	0.00
7) Phenol-d6	7.13	99	423341	97.26	ng	-0.01
23) Nitrobenzene-d5	9.11	82	414969	93.18	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	181939	86.84	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	930057	96.30	ng	0.00
79) Terphenyl-d14	19.95	244	1403588	95.68	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.40	88	67891	44.769	ng	99
3) Pyridine	3.80	79	190001	44.987	ng	98
4) n-Nitrosodimethylamine	3.72	42	66097	47.826	ng	98
6) Aniline	7.27	93	261813	46.079	ng	99
8) 2-Chlorophenol	7.52	128	158893	47.380	ng	99
9) Benzaldehyde	7.08	77	118940	41.942	ng	96
10) Phenol	7.16	94	217688	48.527	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	165398	47.270	ng	99
12) 1,3-Dichlorobenzene	7.84	146	185657	46.068	ng	99
13) 1,4-Dichlorobenzene	7.98	146	189140	47.557	ng	97
14) 1,2-Dichlorobenzene	8.30	146	179101	46.822	ng	96
15) Benzyl Alcohol	8.19	79	174663	48.577	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	154088	46.393	ng	98
17) 2-Methylphenol	8.41	107	160395	47.770	ng	98
18) Hexachloroethane	9.03	117	71949	47.235	ng	92
19) n-Nitroso-di-n-propylamine	8.75	70	138985	46.177	ng	93
20) 3+4-Methylphenols	8.74	107	218582	47.806	ng	96
22) Acetophenone	8.77	105	258556	44.922	ng	# 99
24) Nitrobenzene	9.15	77	224232	46.997	ng	95
25) Isophorone	9.68	82	395016	45.041	ng	99
26) 2-Nitrophenol	9.86	139	93230	45.678	ng	99
27) 2,4-Dimethylphenol	9.94	122	139390	46.046	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	216044	46.973	ng	96
29) 2,4-Dichlorophenol	10.42	162	169331	47.369	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	197017	46.642	ng	96
31) Naphthalene	10.80	128	519894	45.942	ng	99
32) Benzoic acid	10.11	122	58961	32.681	ng	94
33) 4-Chloroaniline	10.92	127	217755	46.035	ng	99
34) Hexachlorobutadiene	11.09	225	143175	47.951	ng	97
35) Caprolactam	11.69	113	52303	39.862	ng	85
36) 4-Chloro-3-methylphenol	12.06	107	185742	46.111	ng	93
37) 2-Methylnaphthalene	12.41	142	388672	46.081	ng	98
38) 1-Methylnaphthalene	12.41	142	388672	48.783	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	218163	47.679	ng	100

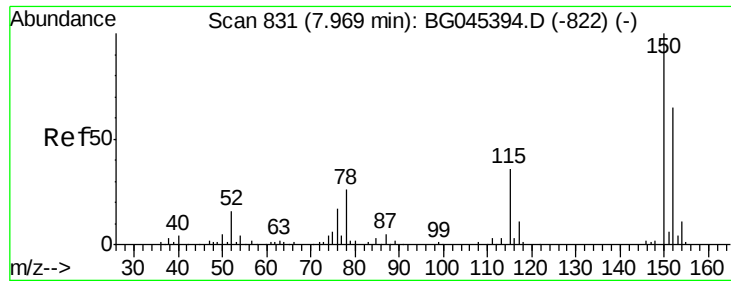
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	107330	40.640	ng	98
43) 2,4,6-Trichlorophenol	13.03	196	147329	46.351	ng	96
44) 2,4,5-Trichlorophenol	13.11	196	158924	43.753	ng	99
46) 1,1'-Biphenyl	13.42	154	477371	47.425	ng	99
47) 2-Chloronaphthalene	13.47	162	386086	47.234	ng	97
48) 2-Nitroaniline	13.67	65	126226	46.946	ng	94
49) Acenaphthylene	14.31	152	607206	46.248	ng	99
50) Dimethylphthalate	14.05	163	504111	44.859	ng	98
51) 2,6-Dinitrotoluene	14.16	165	112778	44.474	ng	98
52) Acenaphthene	14.66	154	370842	42.196	ng	95
53) 3-Nitroaniline	14.50	138	112038	43.463	ng	99
54) 2,4-Dinitrophenol	14.71	184	56013	36.878	ng	98
55) Dibenzofuran	14.99	168	596775	45.726	ng	95
56) 4-Nitrophenol	14.84	139	71228	36.497	ng	85
57) 2,4-Dinitrotoluene	14.96	165	162413	44.224	ng	99
58) Fluorene	15.64	166	491374	45.828	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.23	232	135876	42.520	ng	99
60) Diethylphthalate	15.41	149	509047	43.521	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	284690	46.400	ng	99
62) 4-Nitroaniline	15.66	138	114243	42.452	ng	97
63) Azobenzene	15.93	77	491635	45.077	ng	97
65) 4,6-Dinitro-2-methylphenol	15.73	198	96844	45.014	ng	98
66) n-Nitrosodiphenylamine	15.84	169	419045	47.246	ng	96
67) 4-Bromophenyl-phenylether	16.53	248	194754	48.688	ng	99
68) Hexachlorobenzene	16.66	284	201734	48.219	ng	98
69) Atrazine	16.80	200	149017	40.791	ng	98
70) Pentachlorophenol	17.00	266	82773	38.103	ng	96
71) Phenanthrene	17.38	178	748369	46.406	ng	99
72) Anthracene	17.47	178	758243	46.820	ng	98
73) Carbazole	17.75	167	712035	45.105	ng	98
74) Di-n-butylphthalate	18.30	149	839631	44.314	ng	99
75) Fluoranthene	19.39	202	919251	44.815	ng	100
77) Benzidine	19.57	184	387860	40.364	ng	98
78) Pyrene	19.75	202	903381	46.320	ng	100
80) Butylbenzylphthalate	20.64	149	385168	45.755	ng	97
81) Benzo(a)anthracene	21.58	228	897399	47.085	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	328927	43.997	ng	98
83) Chrysene	21.64	228	869759	47.460	ng	100
84) Bis(2-ethylhexyl)phthalate	21.49	149	547069	47.276	ng	100
85) Di-n-octyl phthalate	22.68	149	916559	46.117	ng	100
86) Indeno(1,2,3-cd)pyrene	28.30	276	1097520	45.798	ng	# 96
88) Benzo(b)fluoranthene	23.75	252	940549	46.415	ng	98
89) Benzo(k)fluoranthene	23.81	252	937142	49.225	ng	99
90) Benzo(a)pyrene	24.59	252	899295	47.651	ng	96
91) Dibenzo(a,h)anthracene	28.37	278	882929	46.556	ng	98
92) Benzo(g,h,i)perylene	29.41	276	886536	46.740	ng	98

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

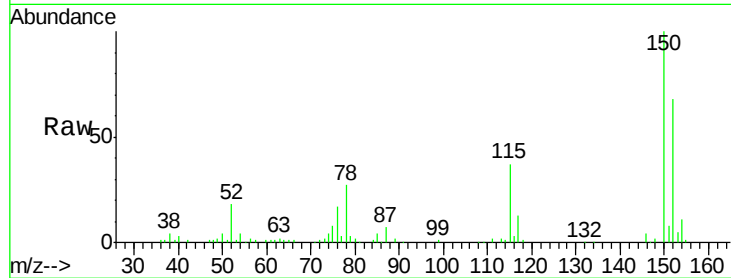


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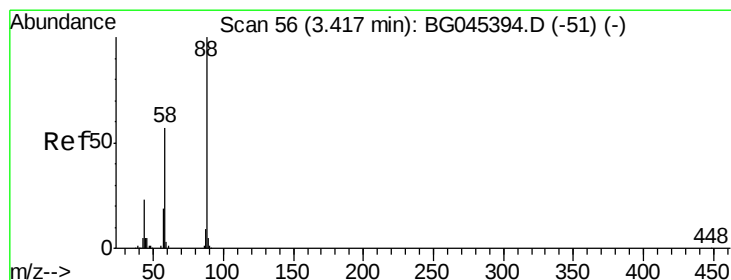
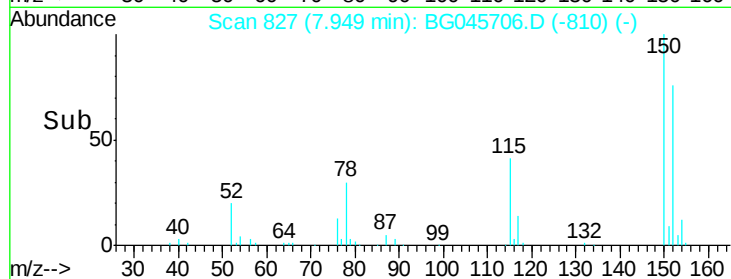
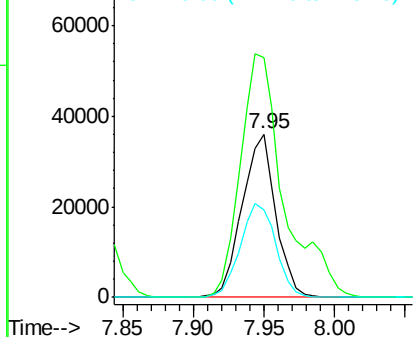
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 59764
Ion Ratio Lower Upper
152 100
150 147.2 122.4 183.6
115 53.8 44.2 66.4



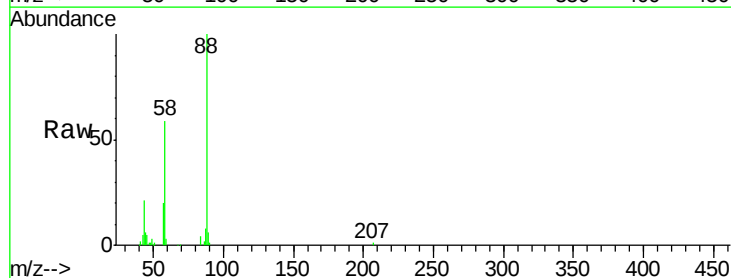
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



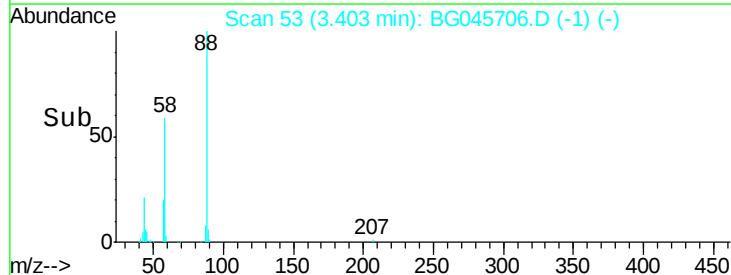
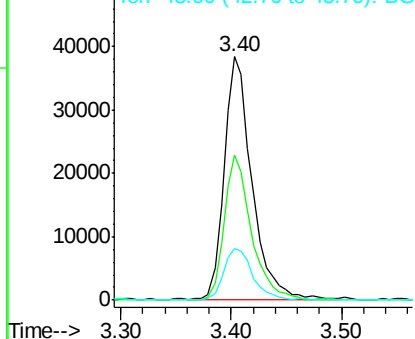
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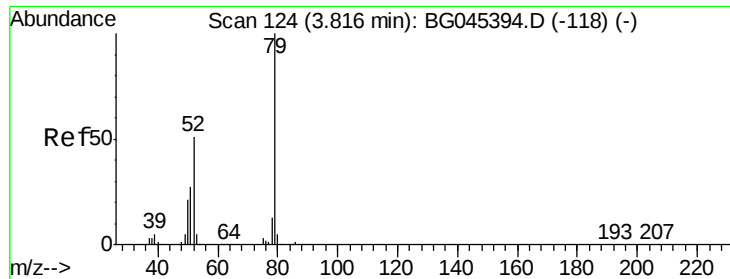
1,4-Dioxane
Concen: 44.769 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Tgt Ion: 88 Resp: 67891
Ion Ratio Lower Upper
88 100
58 57.6 45.7 68.5
43 21.8 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: 44.987 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

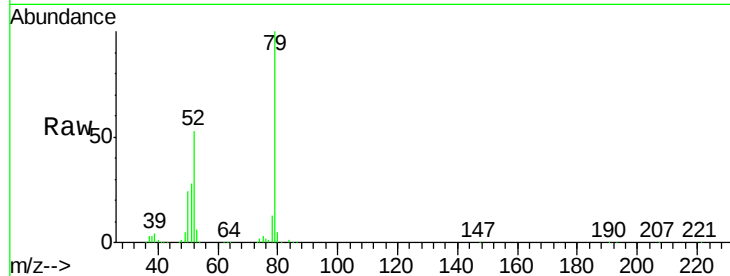
Tot Ion: 79 Resp: 190001

Ion Ratio Lower Upper

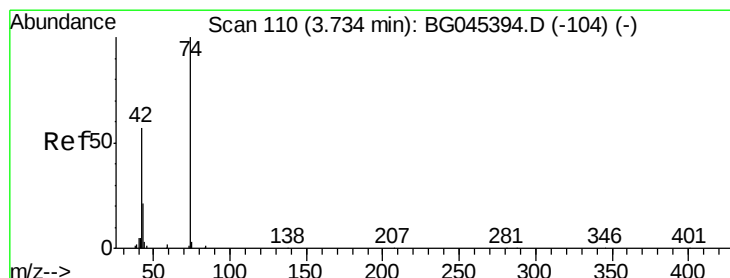
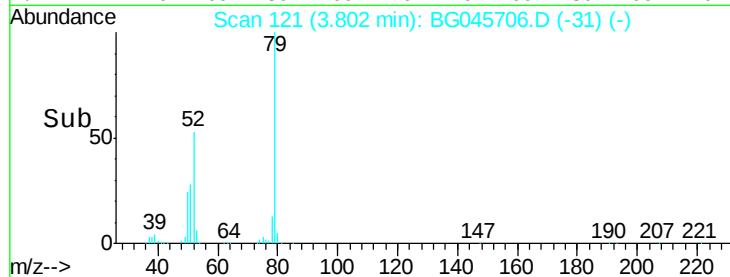
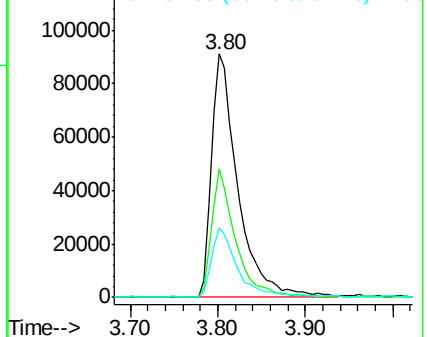
79 100

52 52.7 40.8 61.2

51 28.3 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



#4

n-Nitrosodimethylamine

Concen: 47.826 ng

RT: 3.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

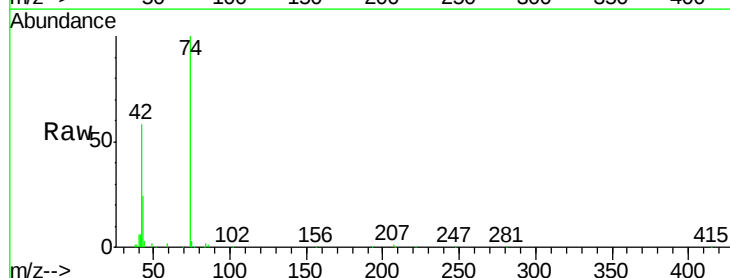
Tgt Ion: 42 Resp: 66097

Ion Ratio Lower Upper

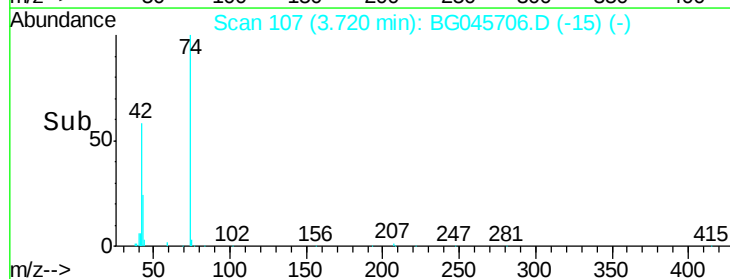
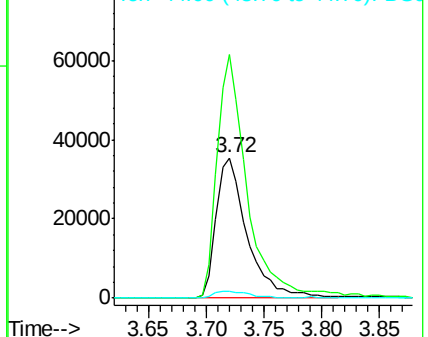
42 100

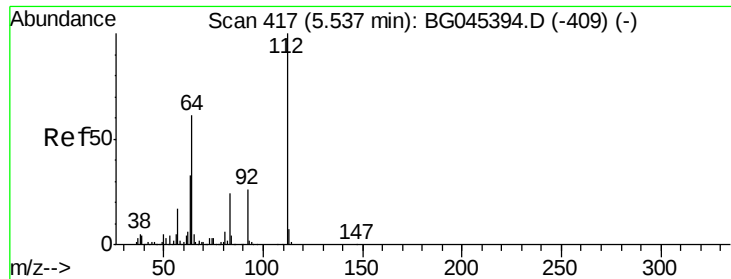
74 173.9 141.3 211.9

44 5.1 4.2 6.4



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





#5

2-Fluorophenol

Concen: 95.274 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

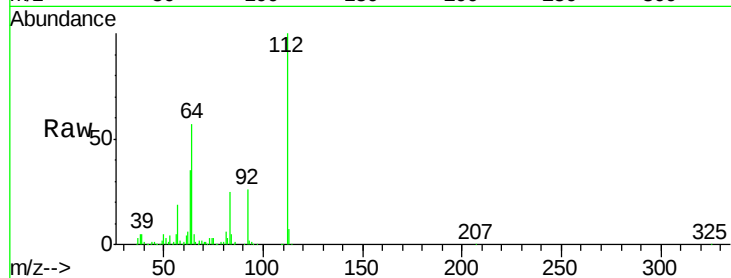
Tot Ion:112 Resp: 291356

Ion Ratio Lower Upper

112 100

64 56.6 48.6 72.8

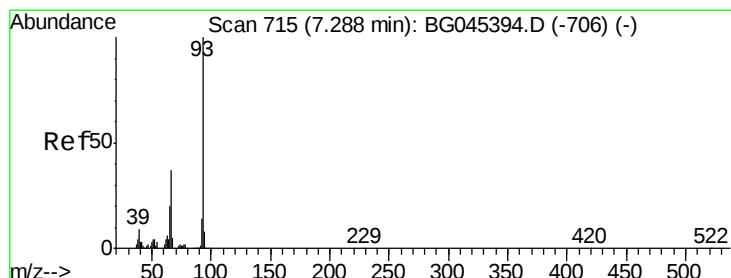
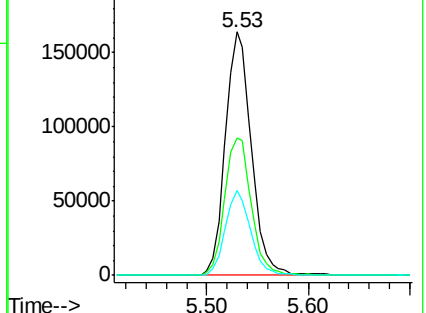
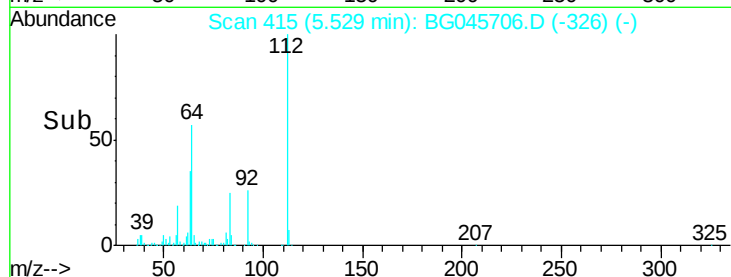
63 34.8 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 46.079 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

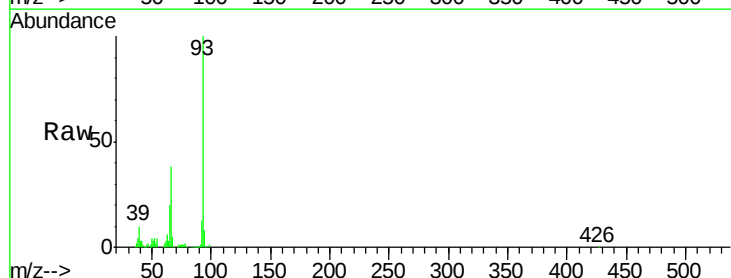
Tgt Ion: 93 Resp: 261813

Ion Ratio Lower Upper

93 100

66 37.7 29.6 44.4

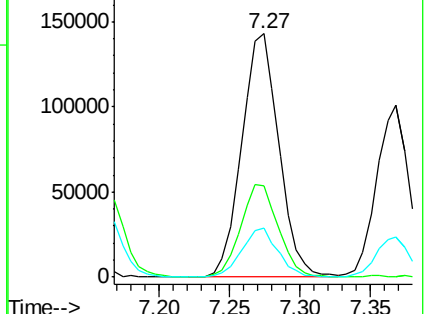
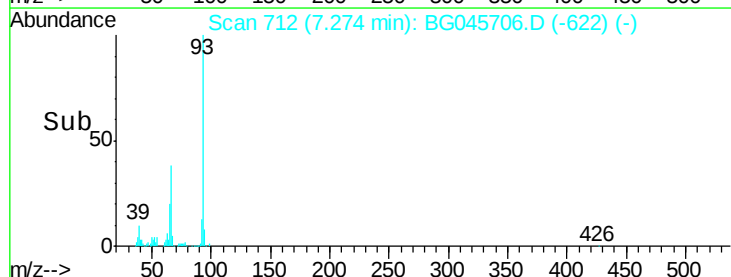
65 20.3 15.9 23.9

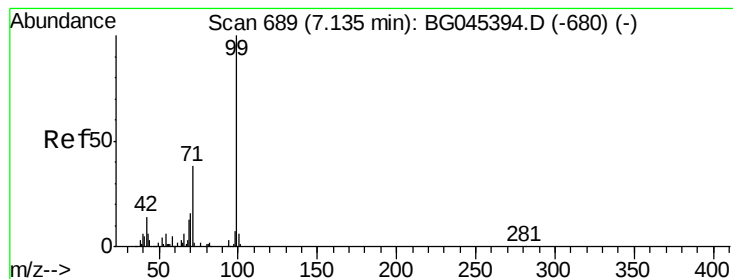


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 97.262 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

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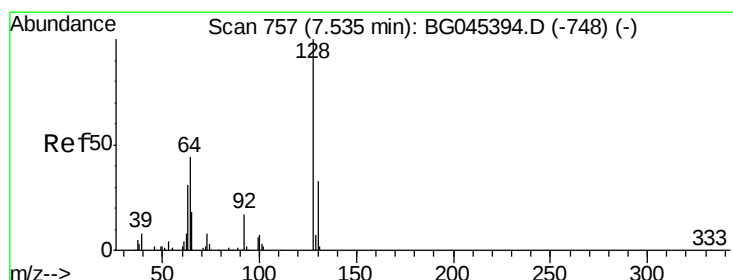
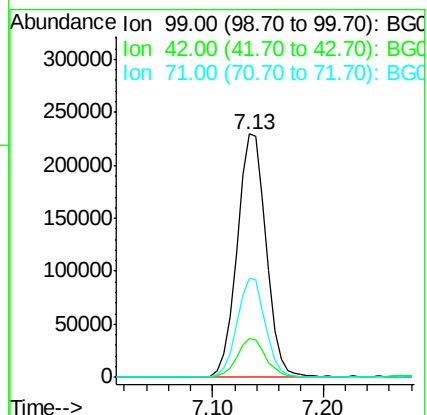
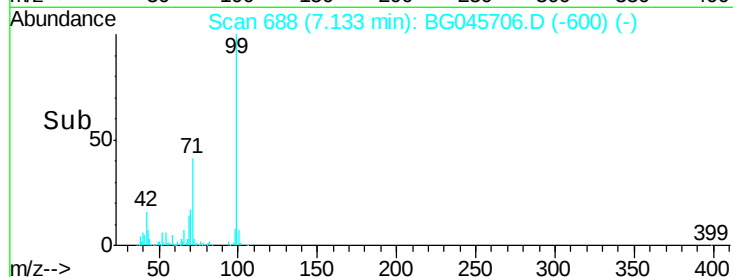
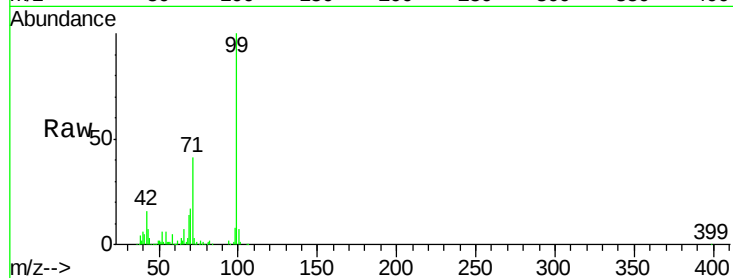
Tot Ion: 99 Resp: 423341

Ion Ratio Lower Upper

99 100

42 15.9 11.3 16.9

71 40.6 30.8 46.2



#8

2-Chlorophenol

Concen: 47.380 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

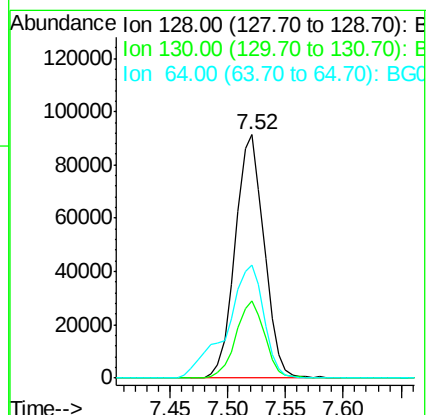
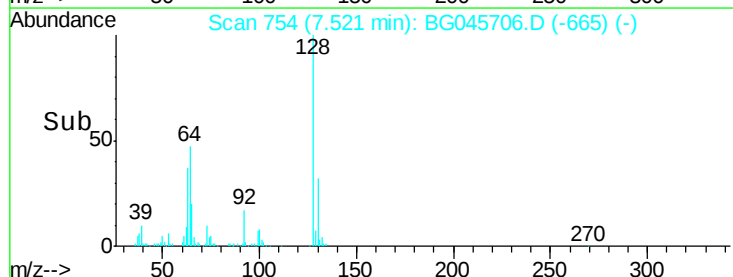
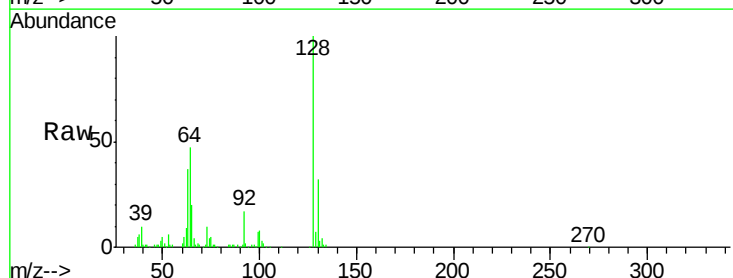
Tgt Ion: 128 Resp: 158893

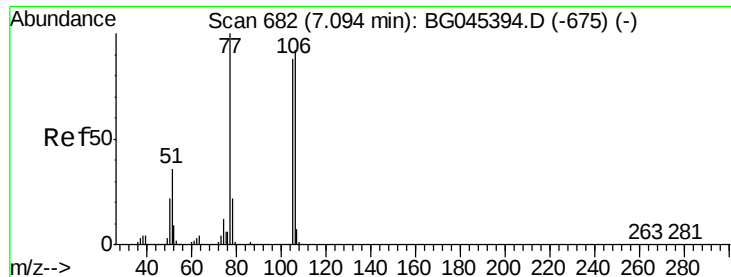
Ion Ratio Lower Upper

128 100

130 31.8 12.6 52.6

64 46.5 27.0 67.0





#9

Benzaldehyde

Concen: 41.942 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

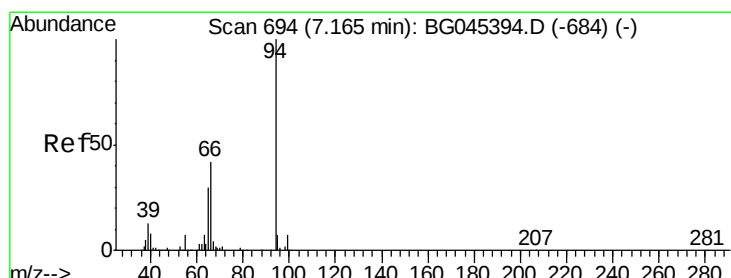
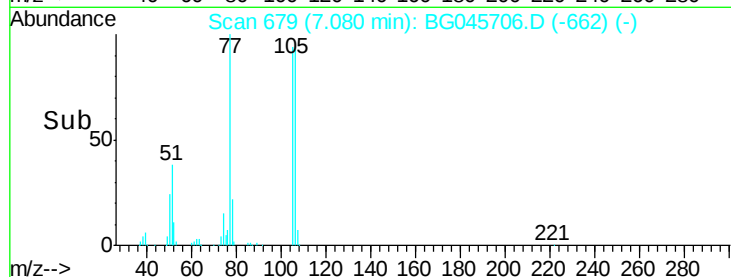
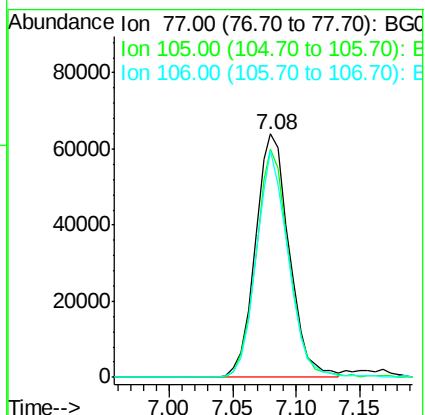
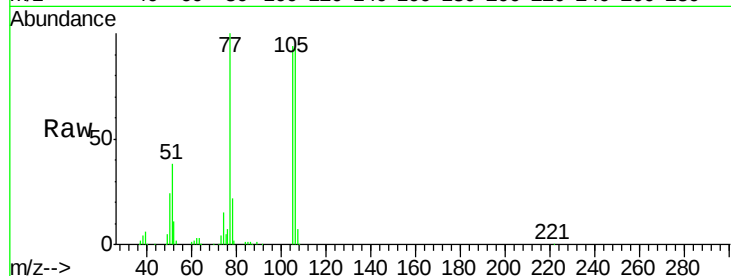
Tot Ion: 77 Resp: 118940

Ion Ratio Lower Upper

77 100

105 93.9 68.5 108.5

106 93.0 71.6 111.6



#10

Phenol

Concen: 48.527 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

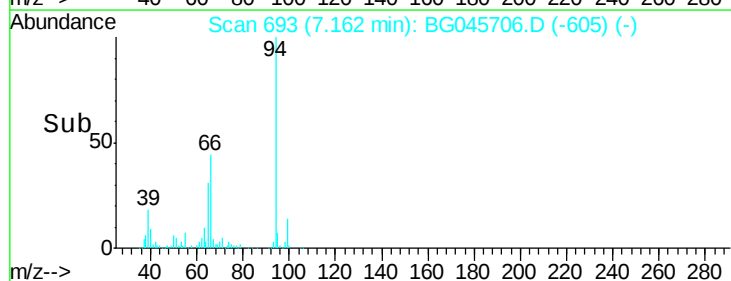
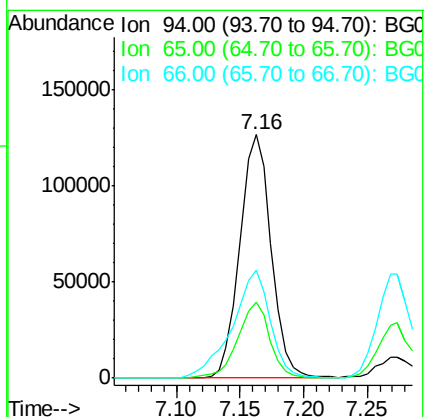
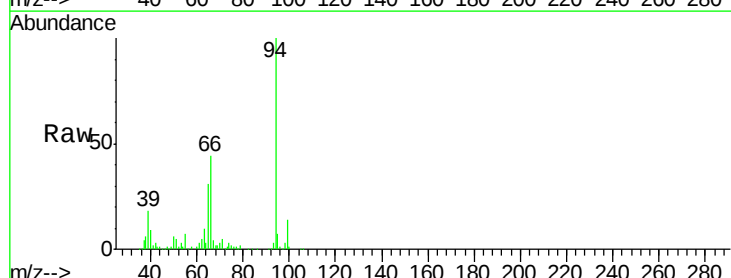
Tgt Ion: 94 Resp: 217688

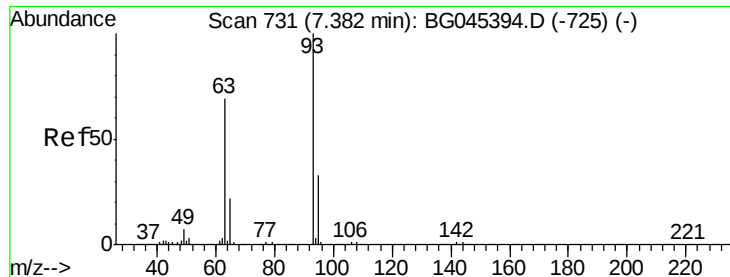
Ion Ratio Lower Upper

94 100

65 31.0 9.8 49.8

66 44.5 22.0 62.0

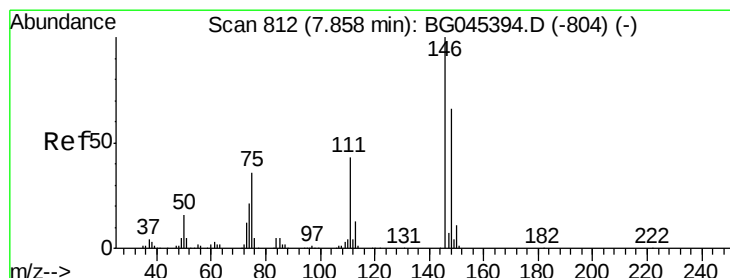
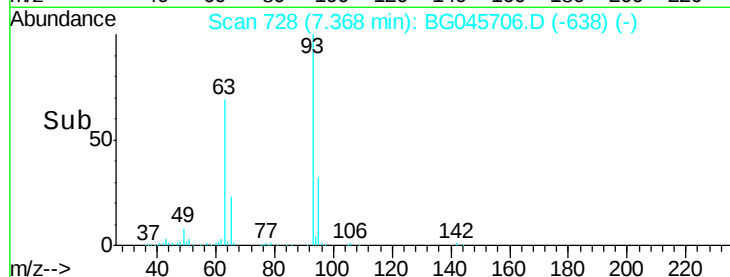
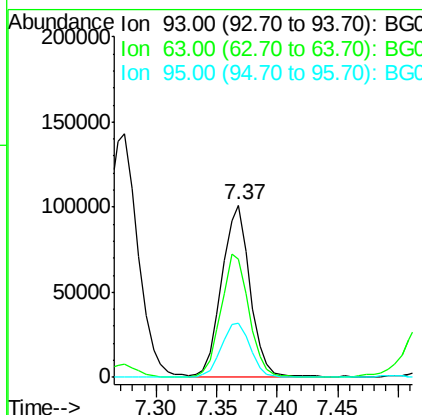
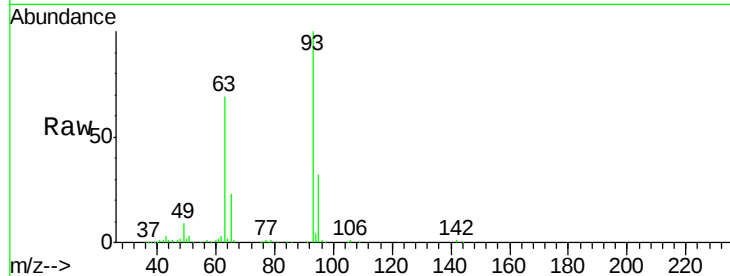




#11
bis(2-Chloroethyl)ether
Concen: 47.270 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

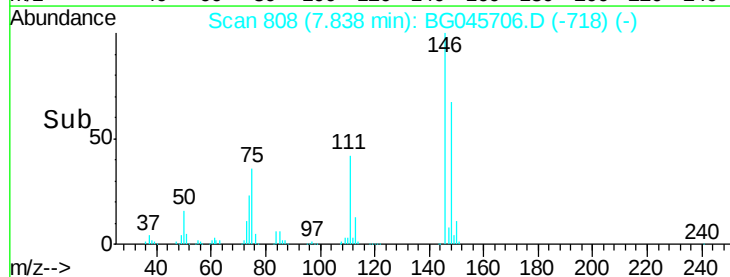
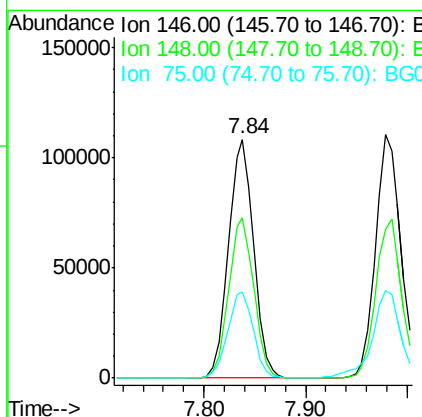
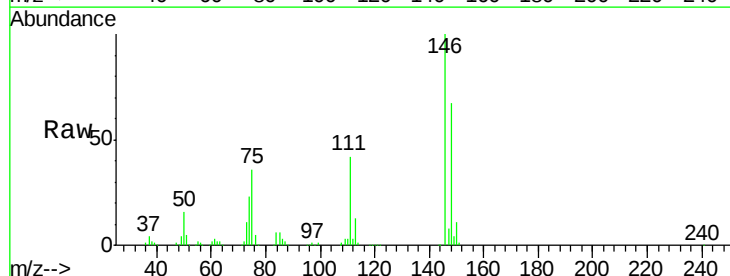
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	165398
Ion	Ratio	Lower	Upper
93	100		
63	68.8	48.4	88.4
95	31.8	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 46.068 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Tgt Ion:	146	Resp:	185657
Ion	Ratio	Lower	Upper
146	100		
148	67.2	53.2	79.8
75	36.0	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 47.557 ng

RT: 7.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

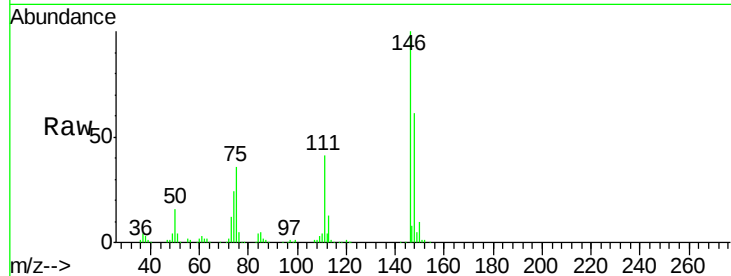
Tot Ion:146 Resp: 189140

Ion Ratio Lower Upper

146 100

148 61.3 51.8 77.8

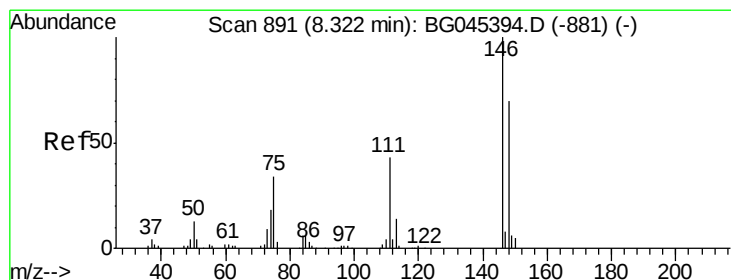
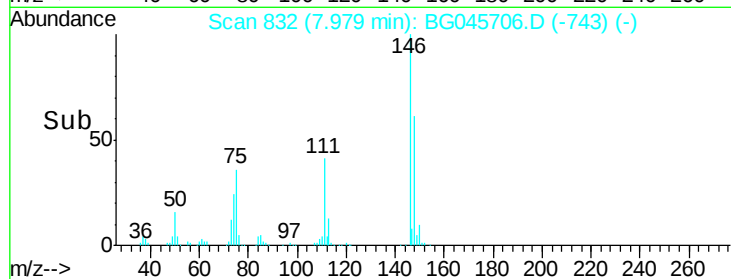
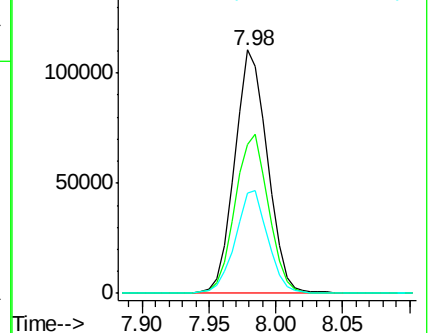
111 41.1 32.1 48.1



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: 46.822 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

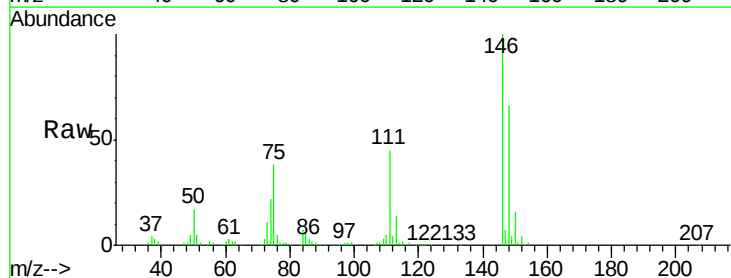
Tgt Ion:146 Resp: 179101

Ion Ratio Lower Upper

146 100

148 65.9 55.9 83.9

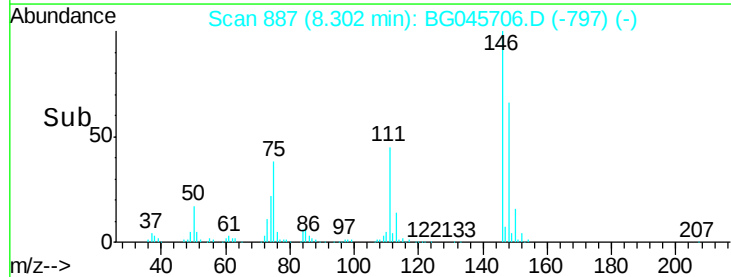
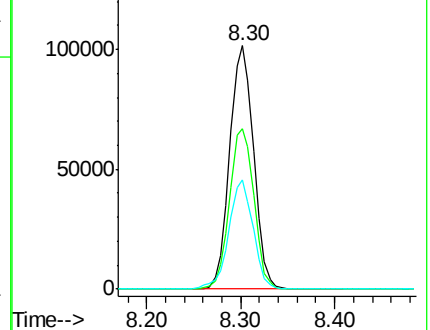
111 44.6 35.0 52.4

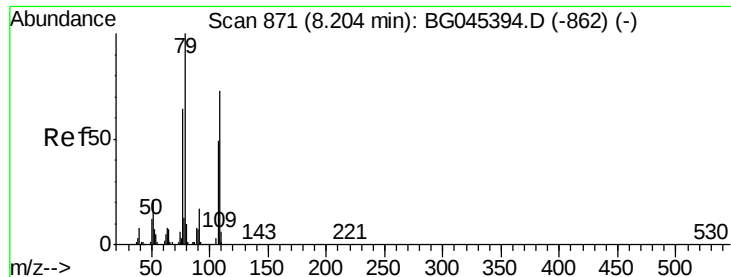


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.577 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

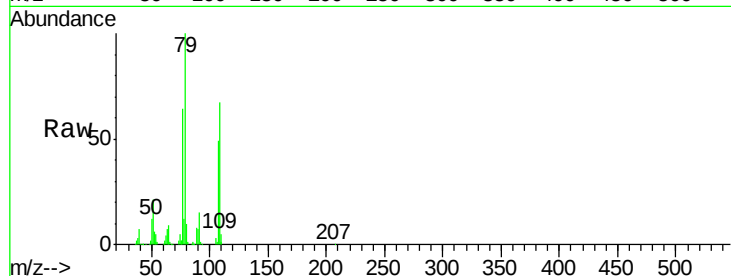
Tot Ion: 79 Resp: 174663

Ion Ratio Lower Upper

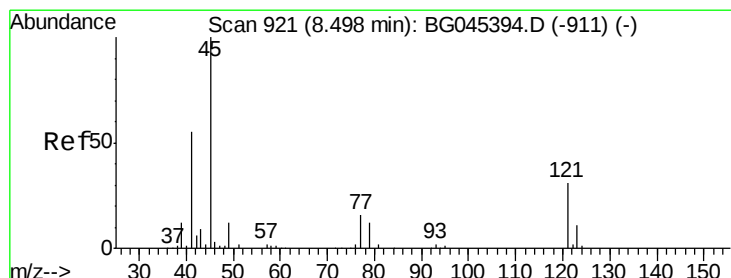
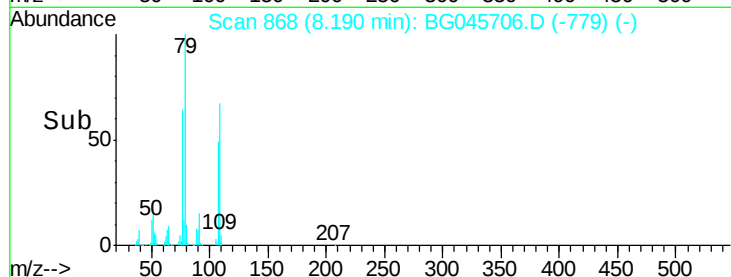
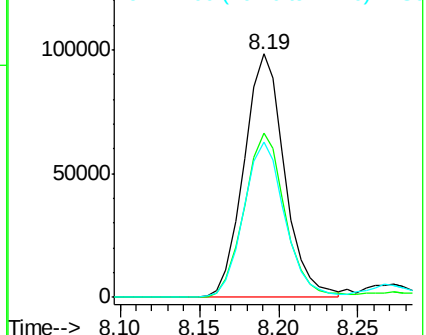
79 100

108 67.5 58.2 87.4

77 63.8 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: 46.393 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

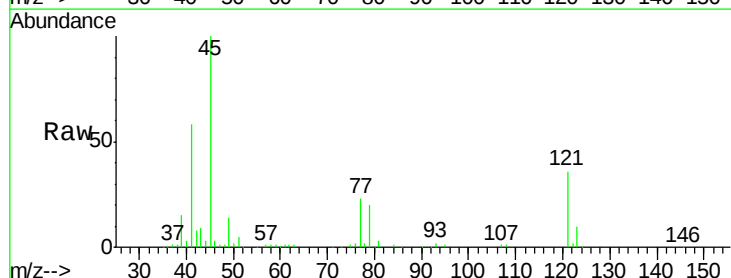
Tgt Ion: 45 Resp: 154088

Ion Ratio Lower Upper

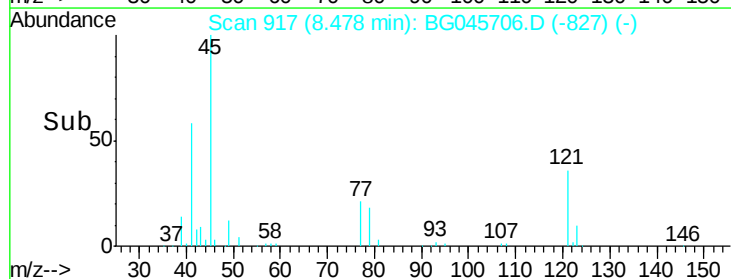
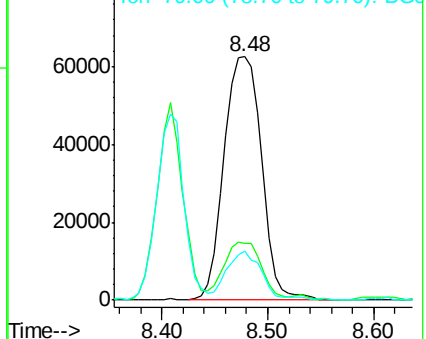
45 100

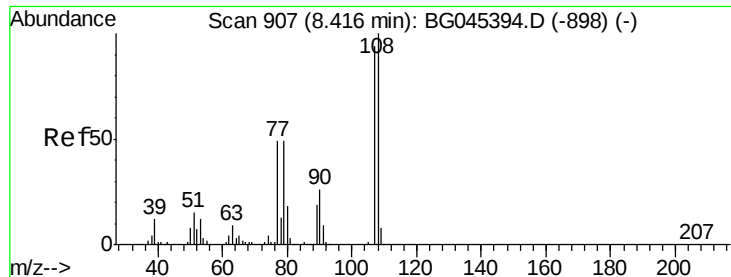
77 23.3 4.0 44.0

79 20.2 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: 47.770 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 160395

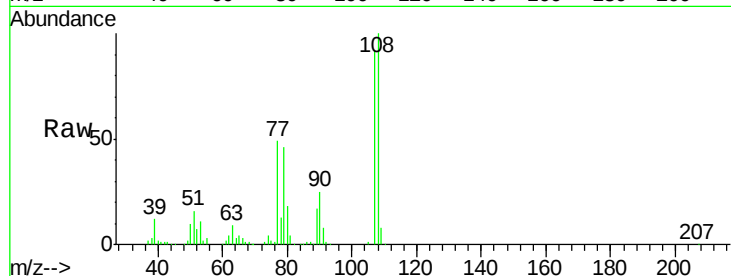
Ion Ratio Lower Upper

107 100

108 108.8 85.2 127.8

77 53.8 41.6 62.4

79 50.5 41.8 62.8

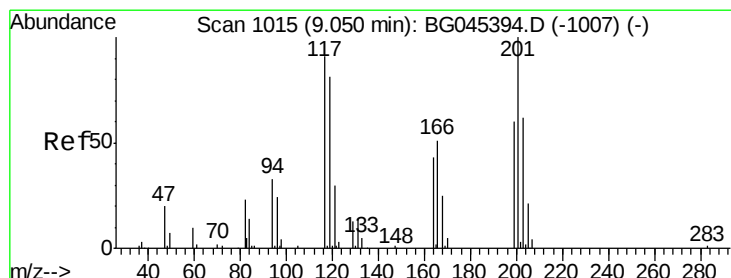
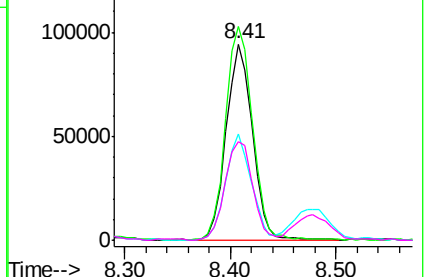
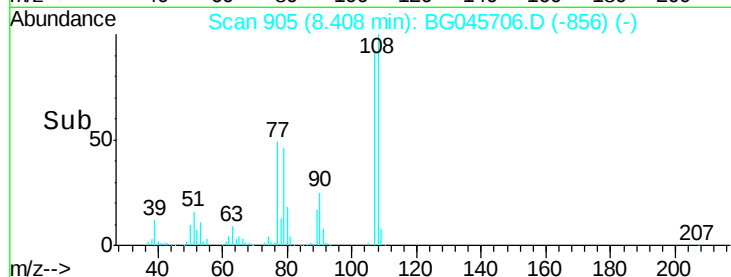


Abundance Ion 107.00 (106.70 to 107.70): E

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: 47.235 ng

RT: 9.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

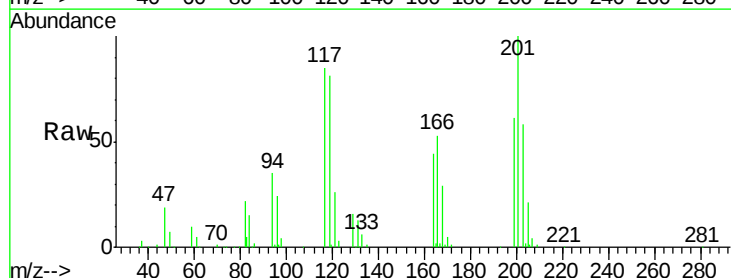
Tgt Ion:117 Resp: 71949

Ion Ratio Lower Upper

117 100

119 96.4 71.3 106.9

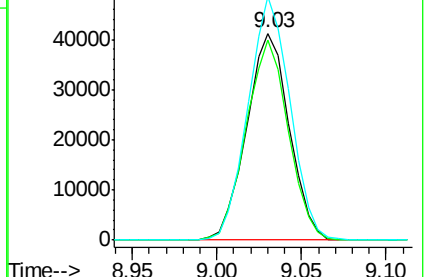
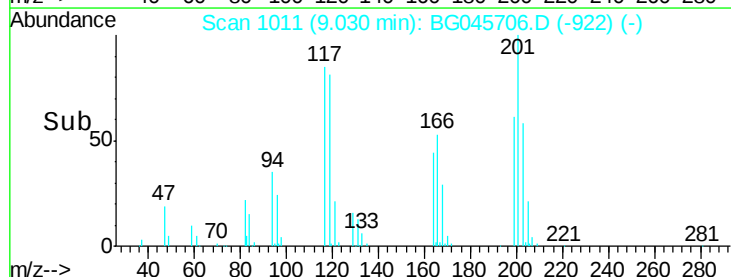
201 117.5 87.5 131.3

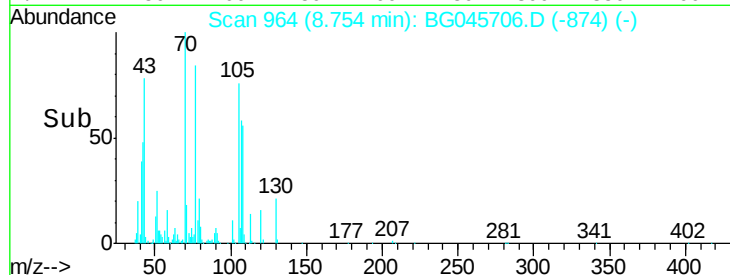
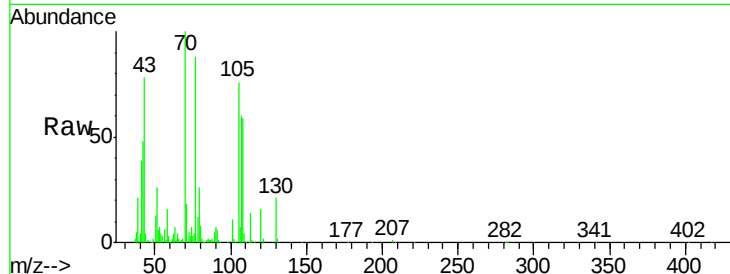
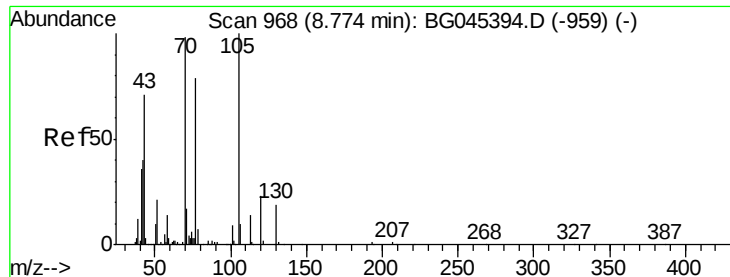


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

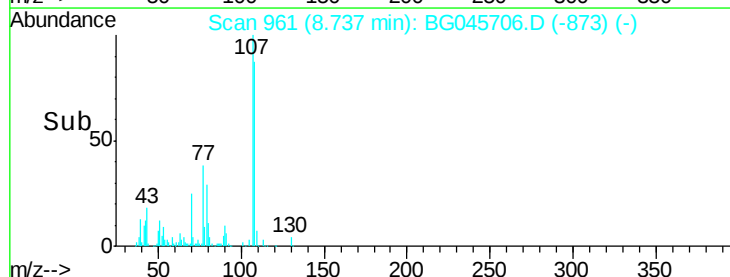
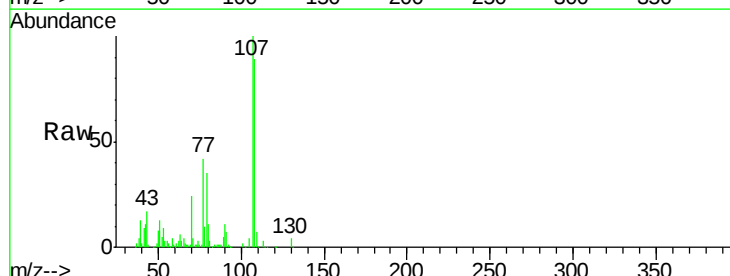
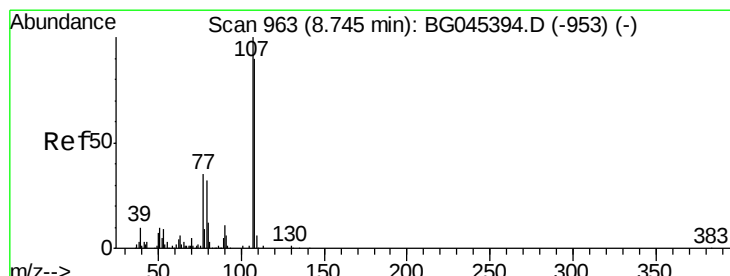
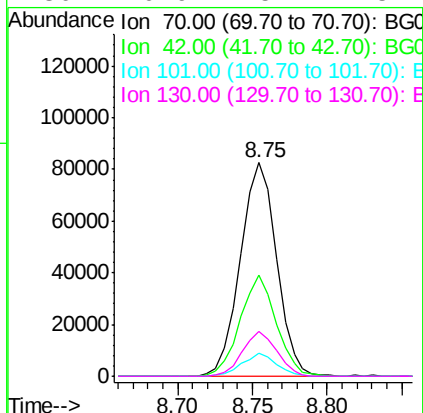




#19
n-Nitroso-di-n-propylamine
Concen: 46.177 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

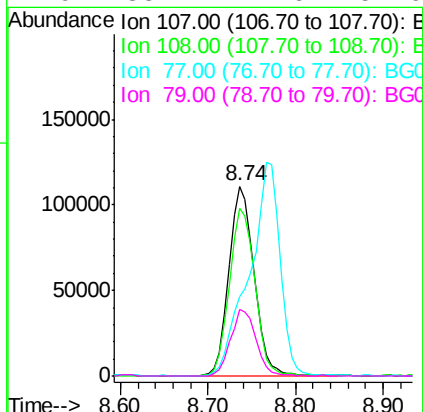
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	138985
Ion	Ratio	Lower	Upper
70	100		
42	47.6	33.2	49.8
101	11.0	7.8	11.6
130	20.9	15.4	23.2



#20
3+4-Methylphenols
Concen: 47.806 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Tgt Ion:	107	Resp:	218582
Ion	Ratio	Lower	Upper
107	100		
108	88.6	70.3	110.3
77	41.8	15.4	55.4
79	35.1	12.6	52.6

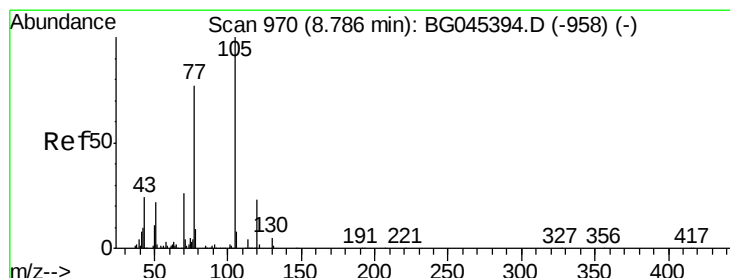
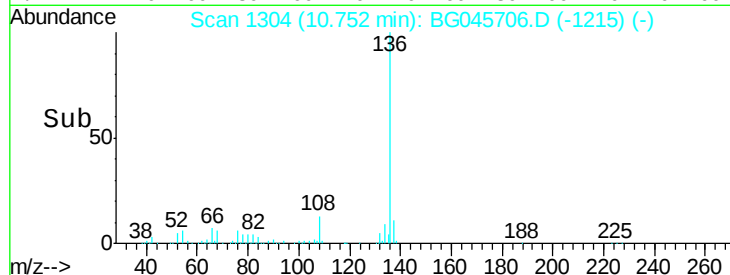
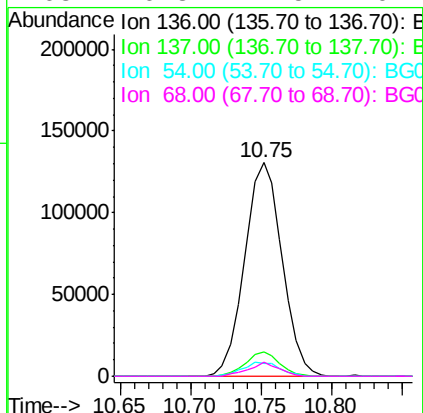
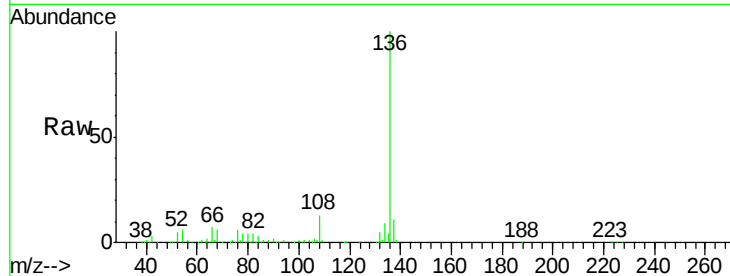




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

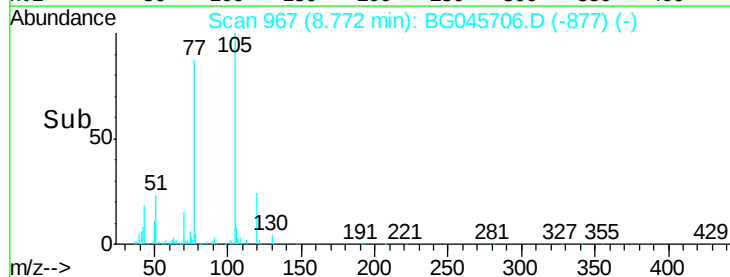
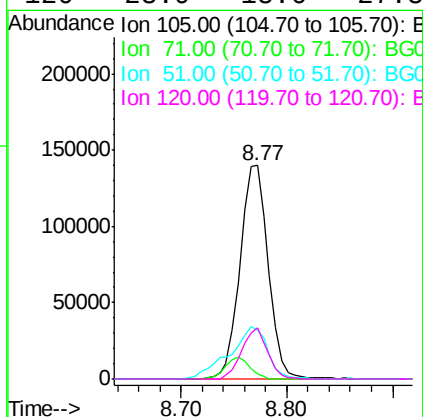
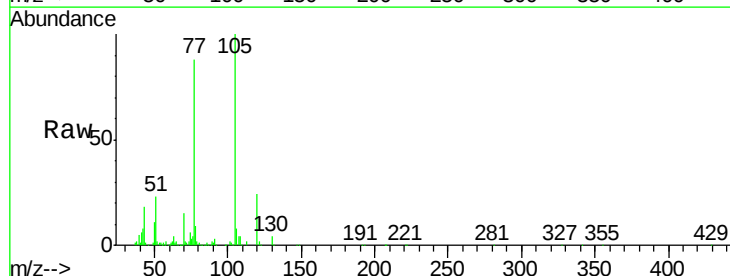
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

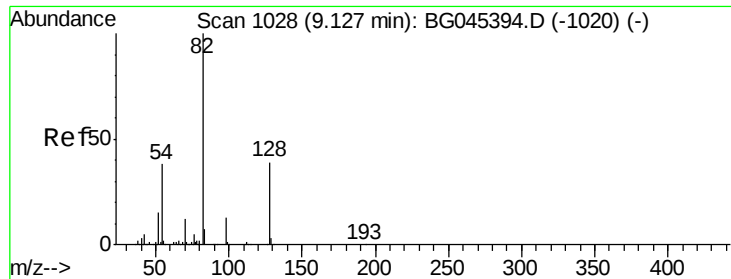
Tot Ion:136	Resp:	242842
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.4 14.2
54	5.8	5.8 8.6
68	6.3	4.5 6.7



#22
Acetophenone
Concen: 44.922 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Tgt Ion:105	Resp:	258556
Ion Ratio	Lower	Upper
105	100	
71	2.2	3.4 5.0#
51	23.0	18.2 27.2
120	23.9	18.6 27.8

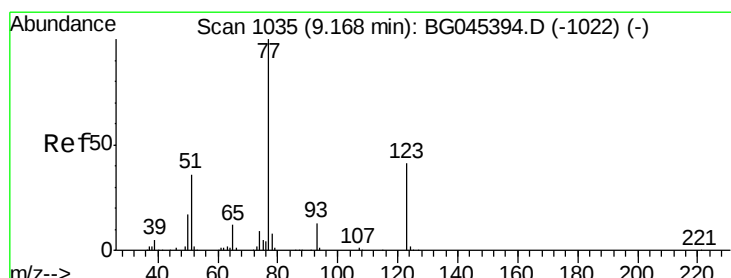
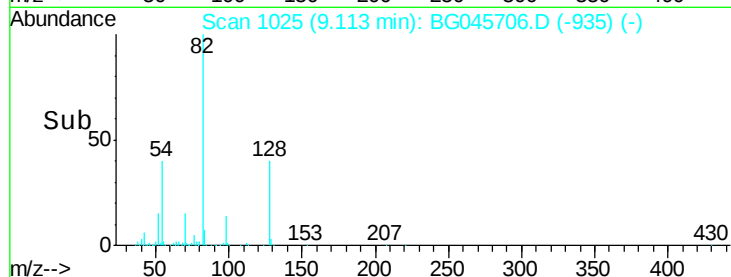
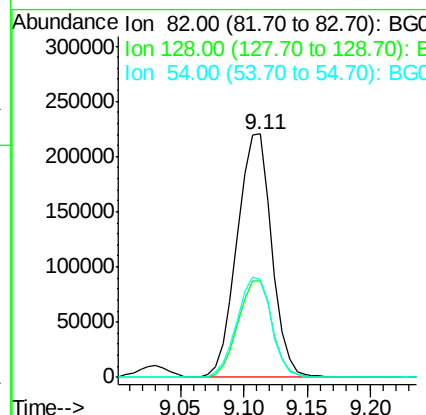
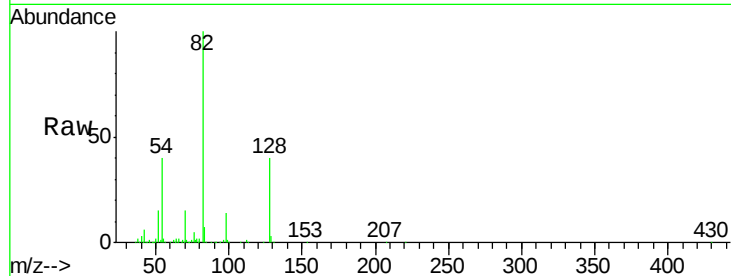




#23
 Nitrobenzene-d5
 Concen: 93.184 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045706.D
 Acq: 11 Jun 2020 3:22

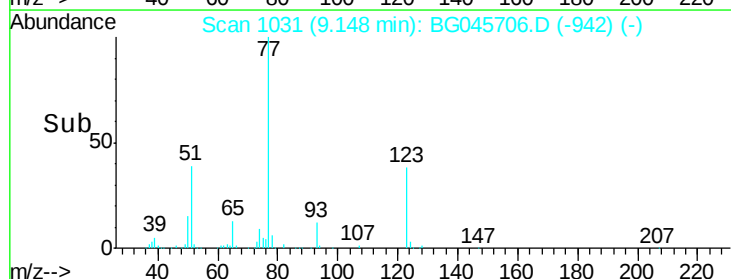
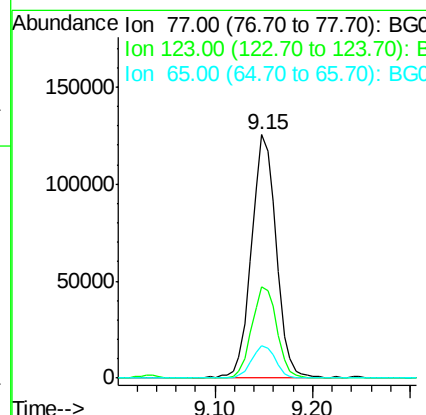
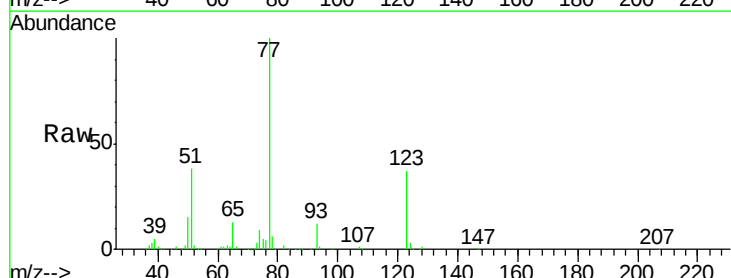
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

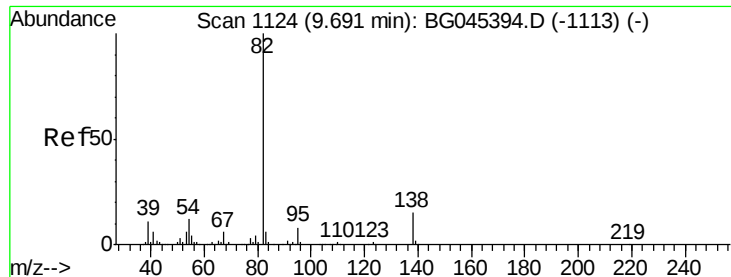
Tot Ion	82	Resp	414969
Ion Ratio	Lower	Upper	
82	100		
128	39.7	30.9	46.3
54	40.3	30.3	45.5



#24
 Nitrobenzene
 Concen: 46.997 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BG045706.D
 Acq: 11 Jun 2020 3:22

Tgt Ion	77	Resp	224232
Ion Ratio	Lower	Upper	
77	100		
123	37.4	32.9	49.3
65	13.3	9.4	14.2





#25

Isophorone

Concen: 45.041 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

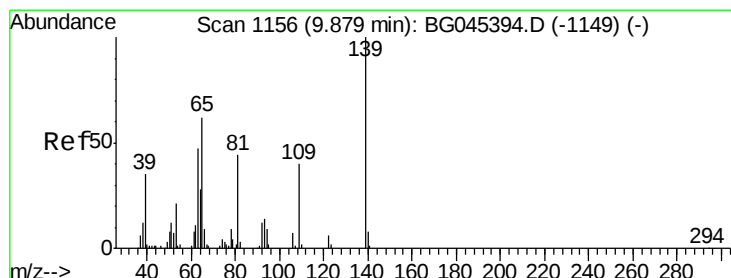
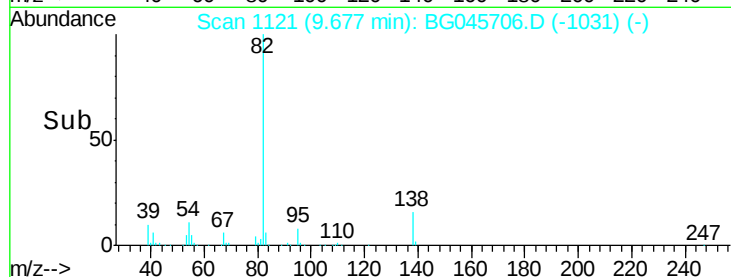
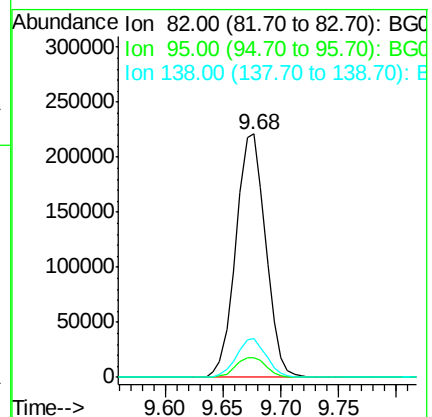
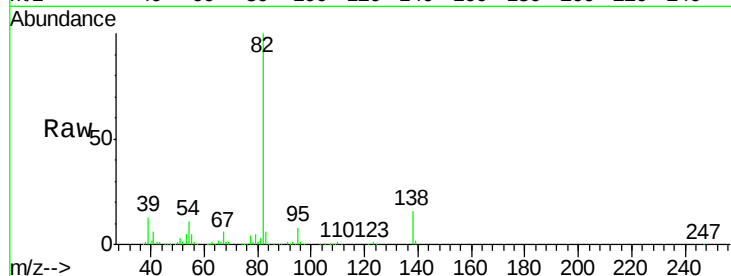
Tot Ion: 82 Resp: 395016

Ion Ratio Lower Upper

82 100

95 8.2 6.7 10.1

138 15.8 12.2 18.4



#26

2-Nitrophenol

Concen: 45.678 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

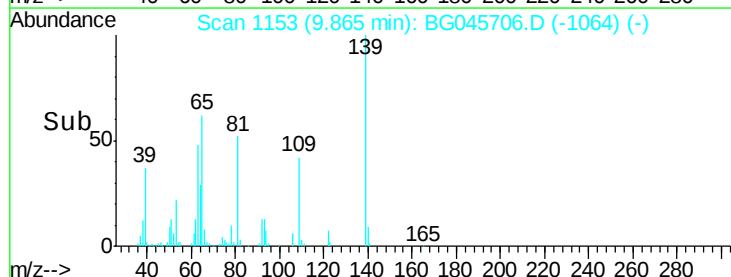
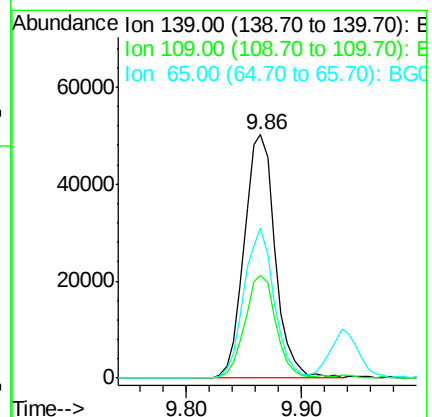
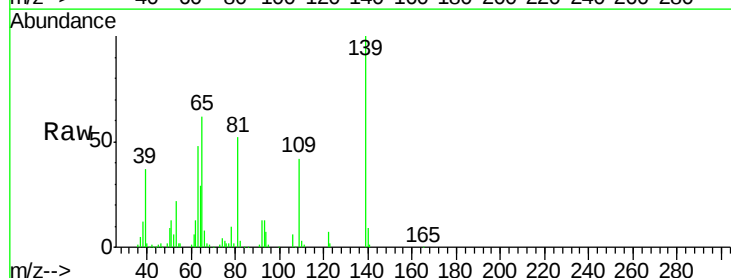
Tgt Ion: 139 Resp: 93230

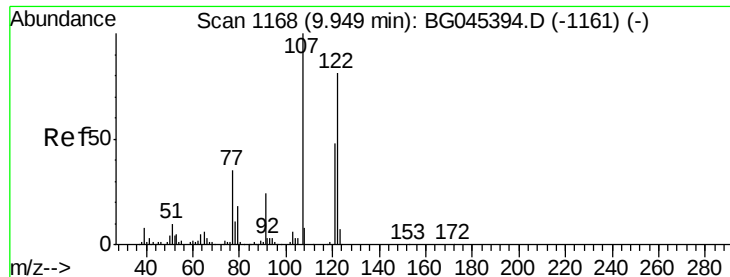
Ion Ratio Lower Upper

139 100

109 42.3 32.2 48.4

65 61.7 49.6 74.4

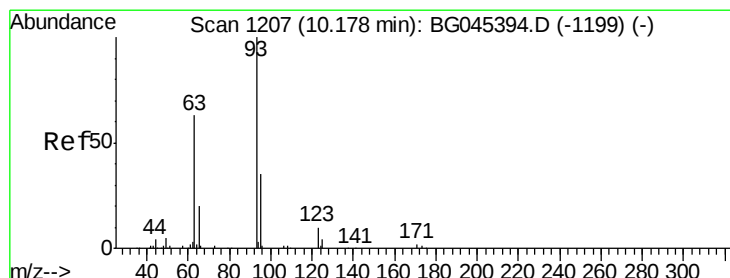
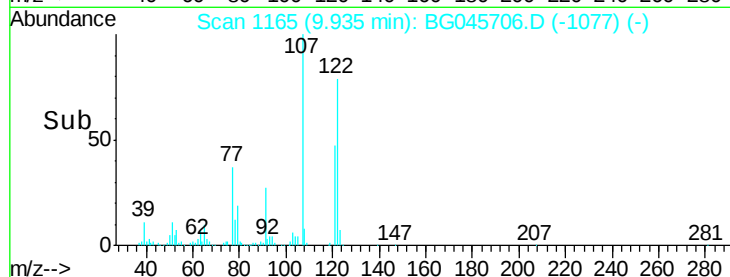
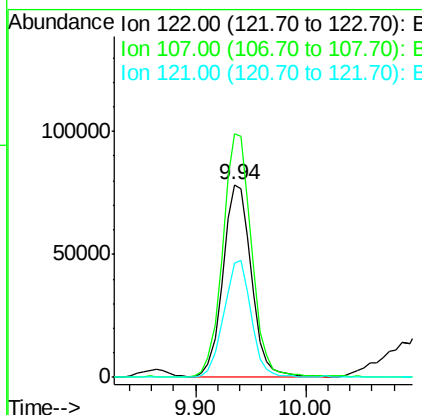
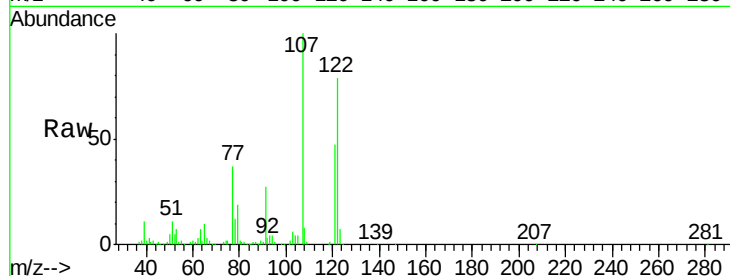




#27
 2,4-Dimethylphenol
 Concen: 46.046 ng
 RT: 9.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BG045706.D
 Acq: 11 Jun 2020 3:22

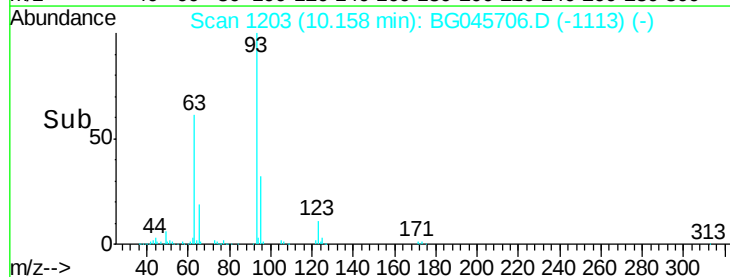
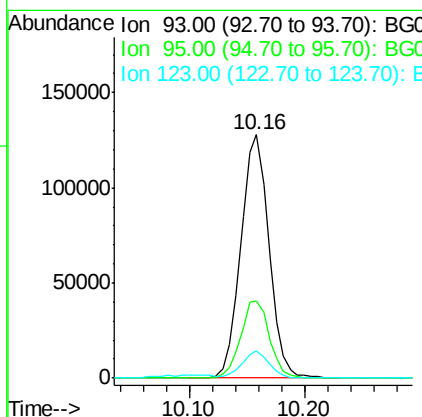
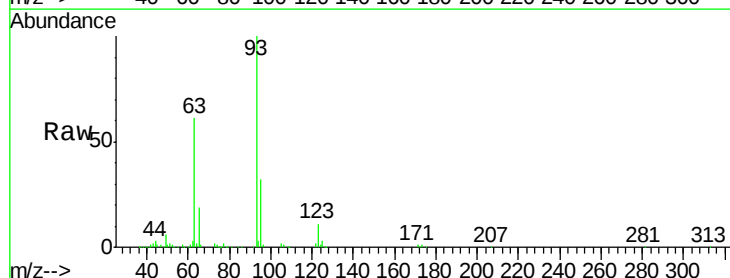
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 139390
 Ion Ratio Lower Upper
 122 100
 107 126.1 99.0 148.4
 121 59.3 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.973 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BG045706.D
 Acq: 11 Jun 2020 3:22

Tgt Ion: 93 Resp: 216044
 Ion Ratio Lower Upper
 93 100
 95 31.9 27.6 41.4
 123 11.1 8.1 12.1

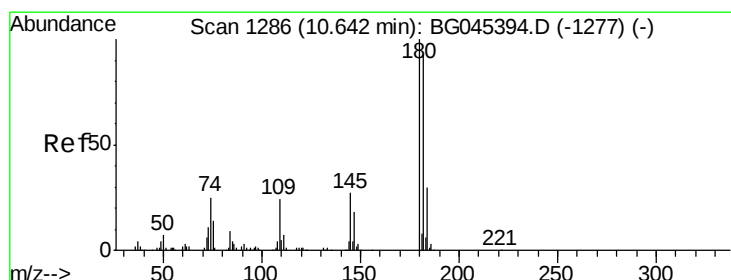
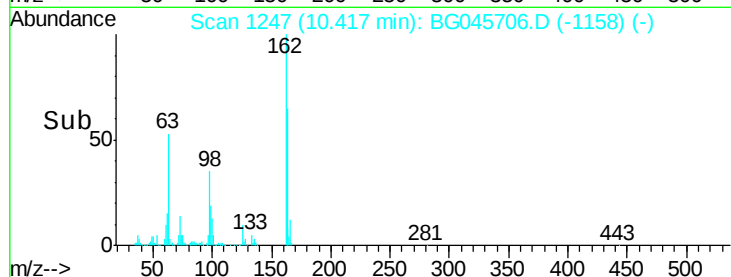
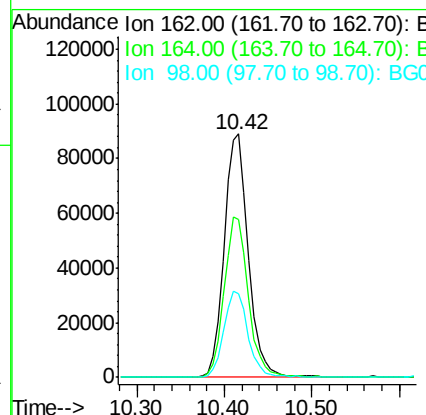
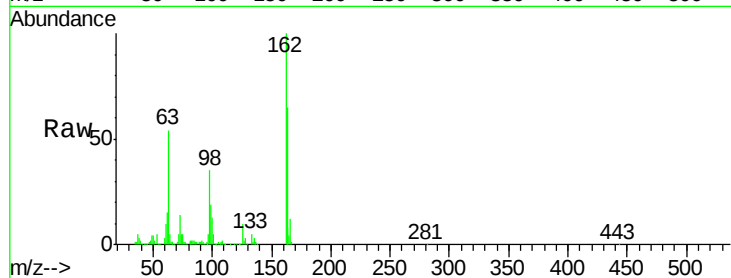




#29
 2,4-Dichlorophenol
 Concen: 47.369 ng
 RT: 10.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BG045706.D
 Acq: 11 Jun 2020 3:22

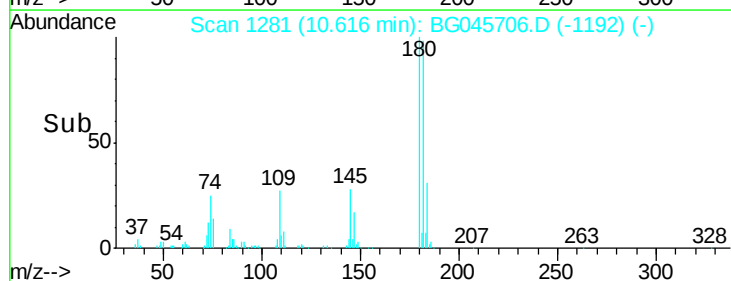
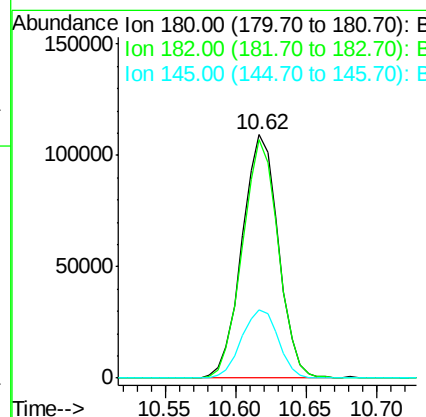
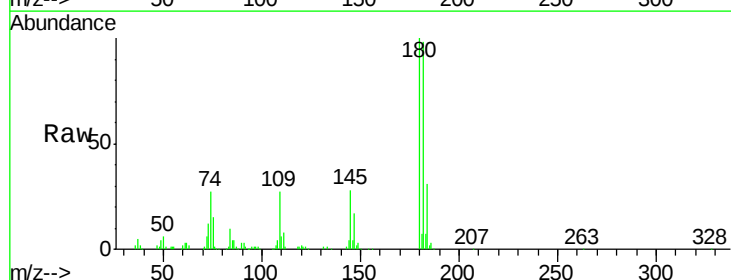
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	46.8	86.8
98	34.5	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 46.642 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG045706.D
 Acq: 11 Jun 2020 3:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	74.8	112.2
145	28.2	21.9	32.9

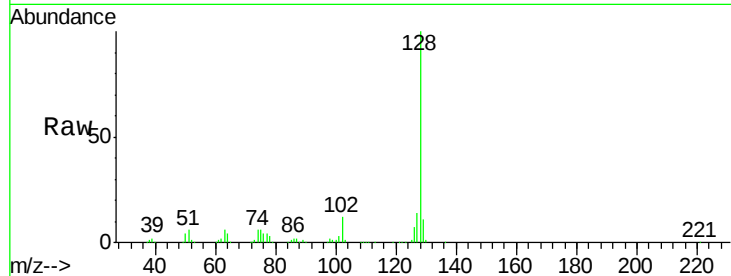




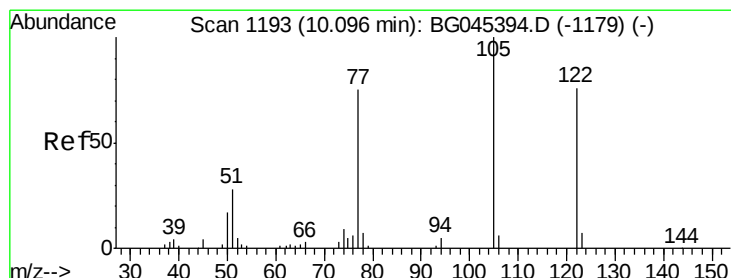
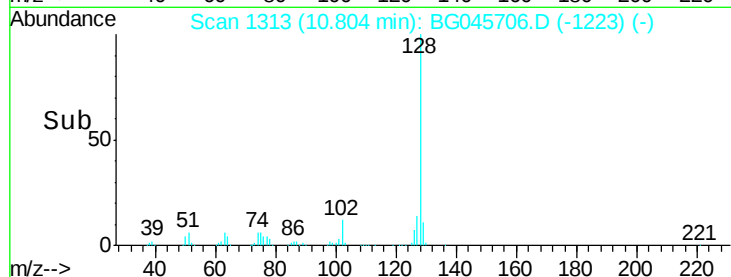
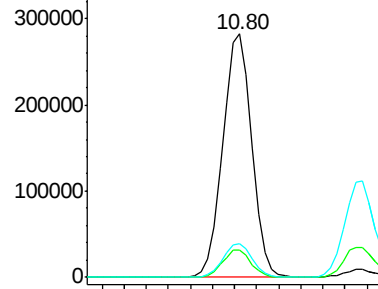
#31
Naphthalene
Concen: 45.942 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	14.0	10.7	16.1

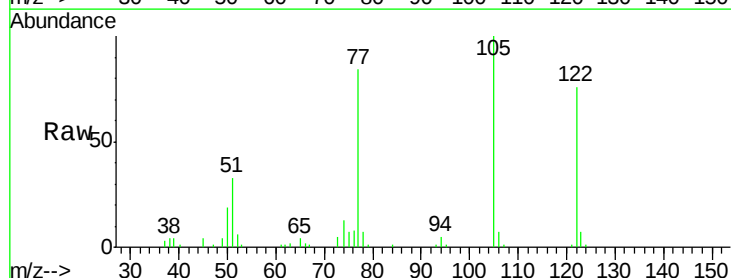


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

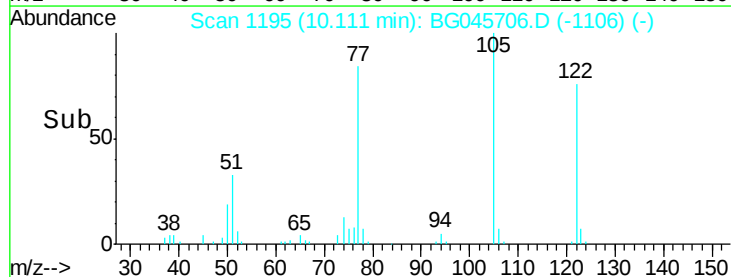
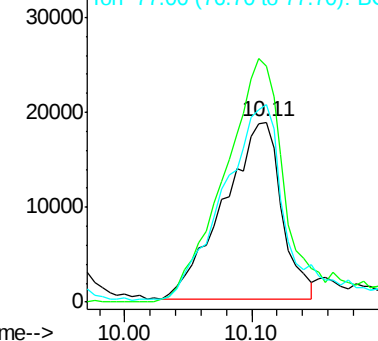


#32
Benzoic acid
Concen: 32.681 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.0	107.9	147.9
77	109.7	78.9	118.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

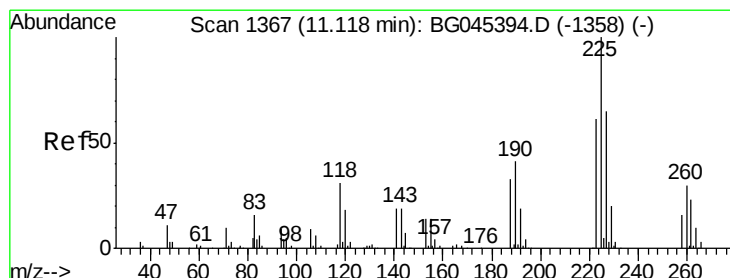
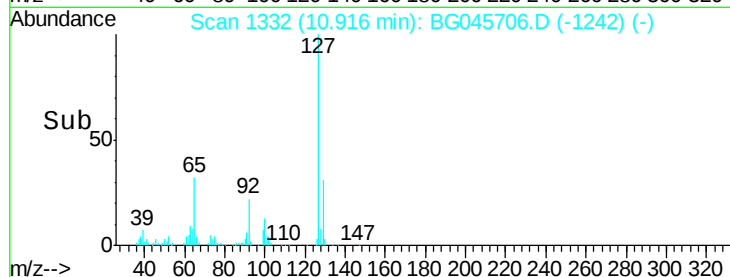
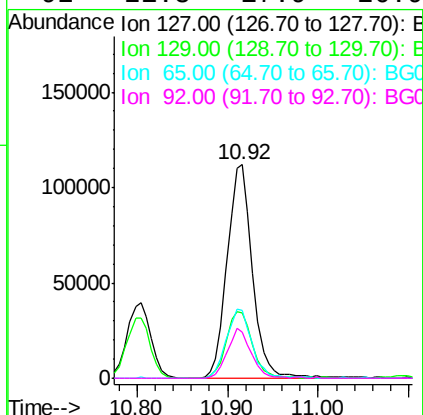
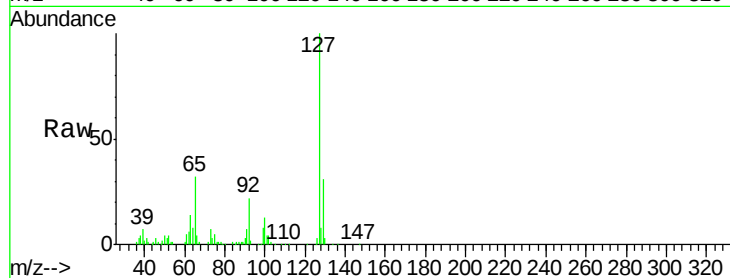




#33
4-Chloroaniline
Concen: 46.035 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

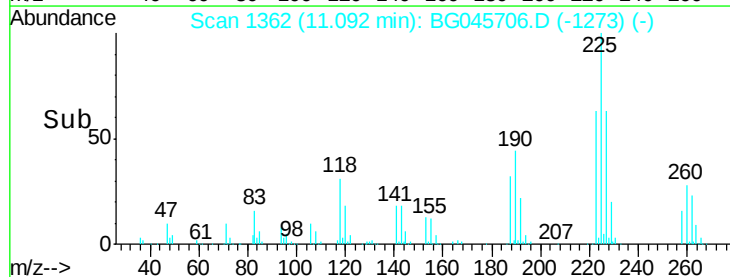
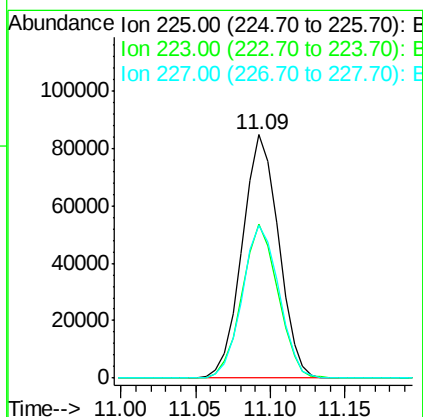
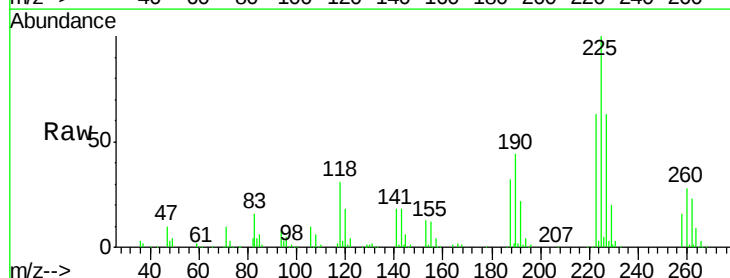
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	217755
Ion	Ratio	Lower	Upper
127	100		
129	30.7	24.7	37.1
65	32.1	26.2	39.2
92	21.8	17.9	26.9



#34
Hexachlorobutadiene
Concen: 47.951 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Tgt Ion:	225	Resp:	143175
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.1	73.7
227	62.5	52.0	78.0





#35

Caprolactam

Concen: 39.862 ng

RT: 11.69 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

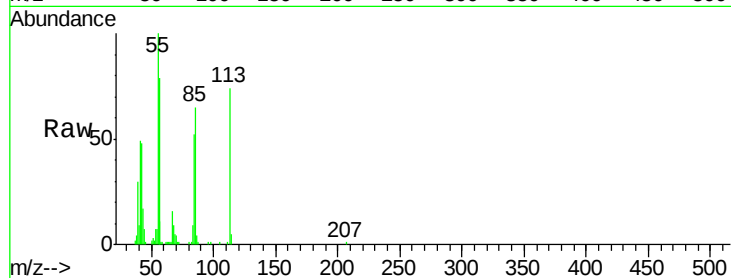
Tot Ion:113 Resp: 52303

Ion Ratio Lower Upper

113 100

55 135.6 96.0 136.0

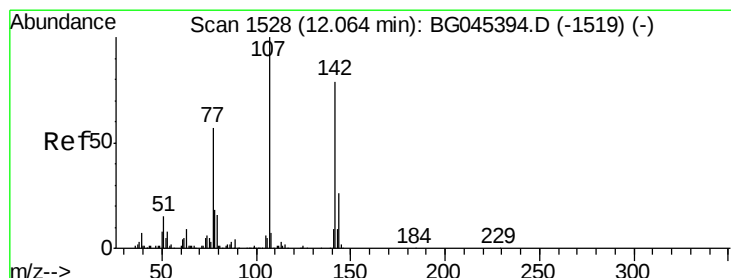
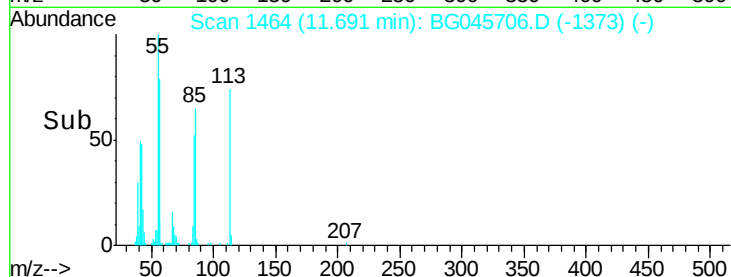
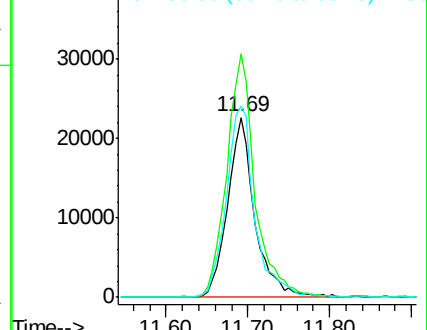
56 106.6 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.111 ng

RT: 12.06 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

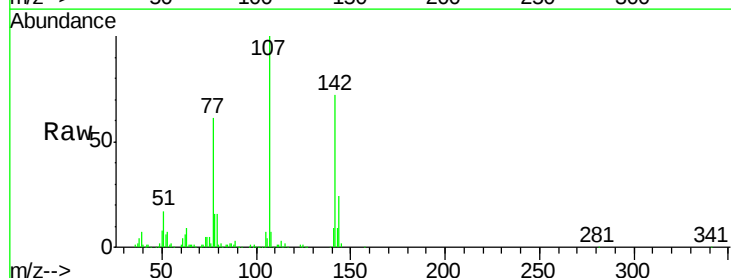
Tgt Ion:107 Resp: 185742

Ion Ratio Lower Upper

107 100

144 23.5 20.8 31.2

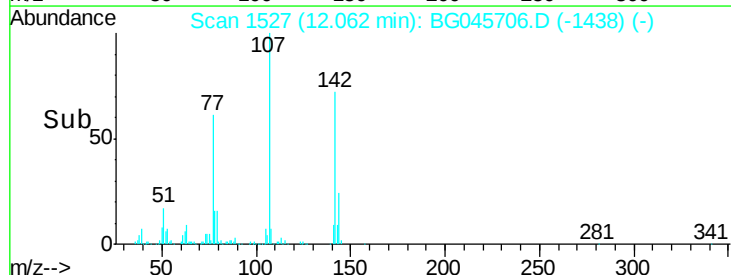
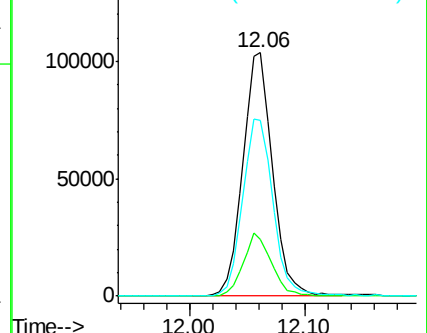
142 72.1 62.8 94.2

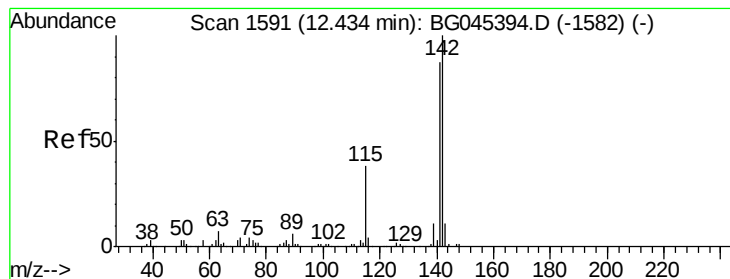


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.081 ng

RT: 12.41 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

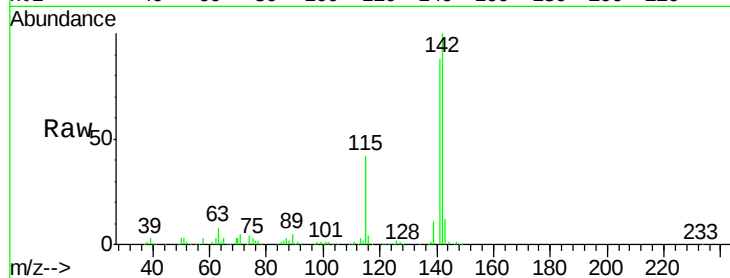
Tot Ion:142 Resp: 388672

Ion Ratio Lower Upper

142 100

141 88.0 70.0 105.0

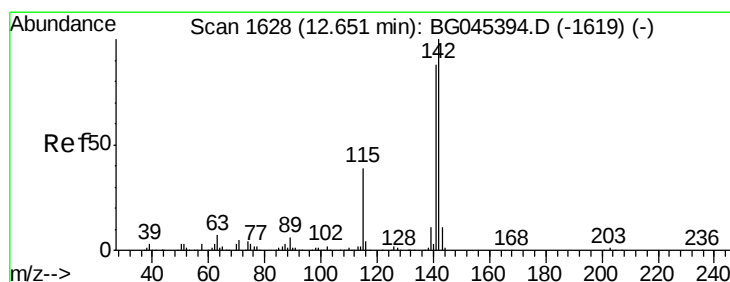
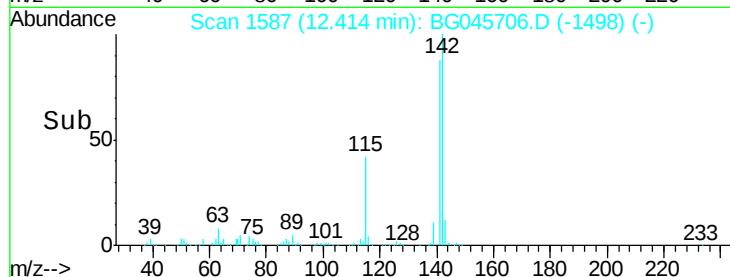
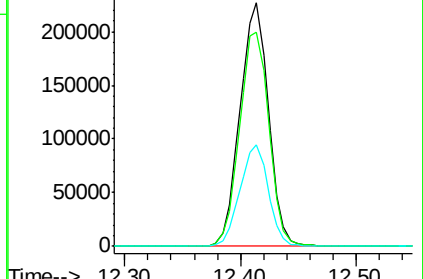
115 41.8 30.8 46.2



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: 48.783 ng

RT: 12.41 min Scan# 1587

Delta R.T. -0.23 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

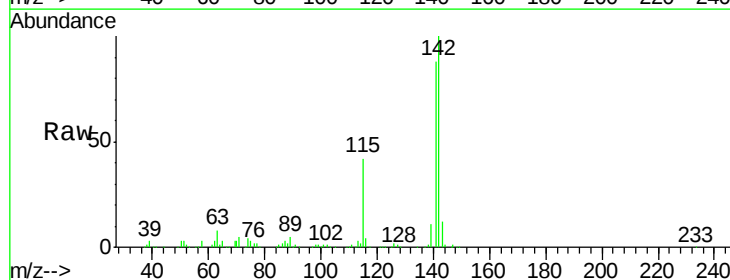
Tgt Ion:142 Resp: 388672

Ion Ratio Lower Upper

142 100

141 88.0 70.8 106.2

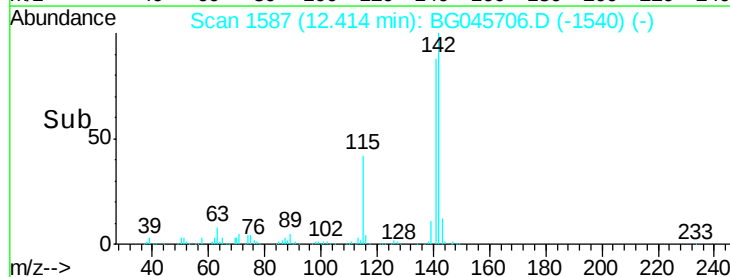
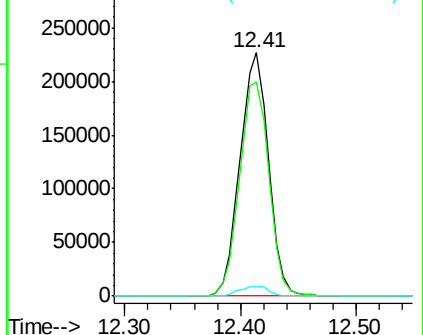
116 3.9 3.0 4.6



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: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

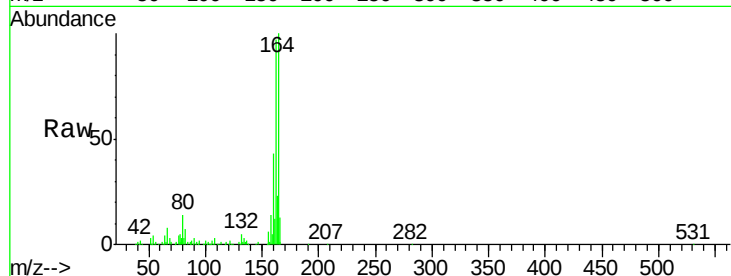
Tot Ion:164 Resp: 163818

Ion Ratio Lower Upper

164 100

162 97.0 76.9 115.3

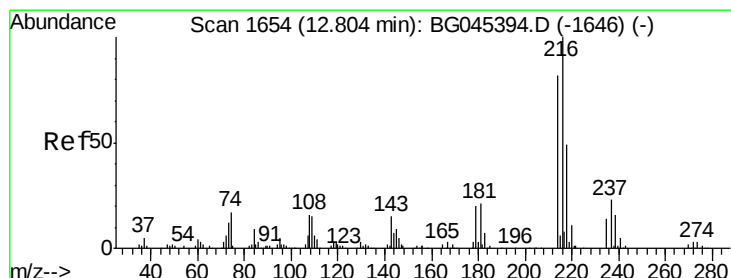
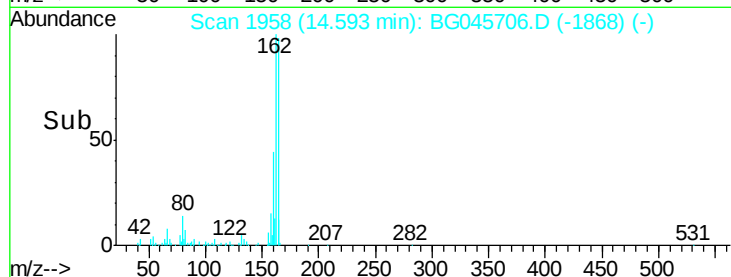
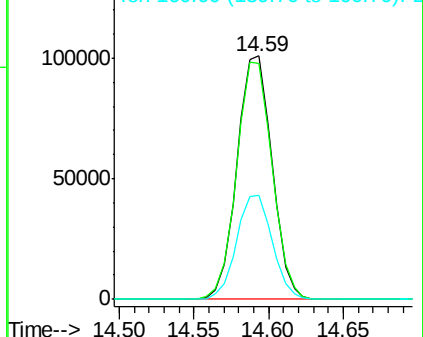
160 42.8 33.8 50.8



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: 47.679 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Tgt Ion:216 Resp: 218163

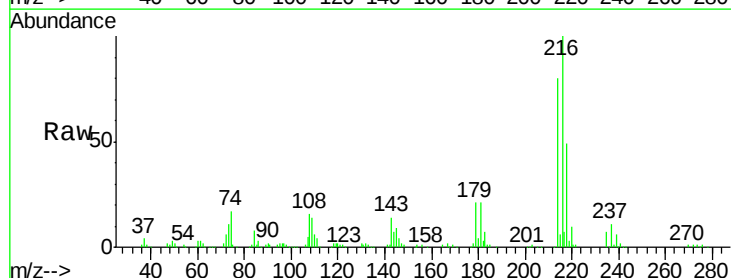
Ion Ratio Lower Upper

216 100

214 79.8 63.7 95.5

179 20.3 16.1 24.1

108 17.0 13.8 20.6

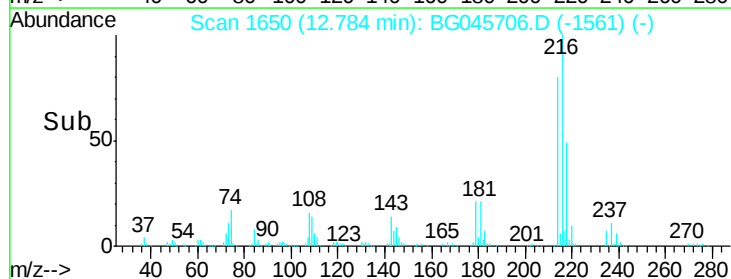
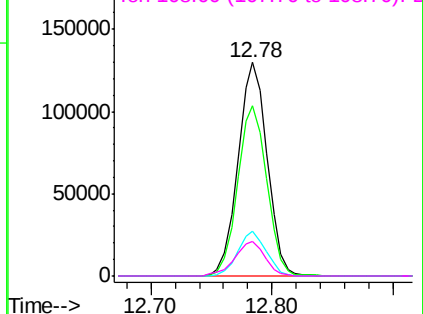


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.640 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

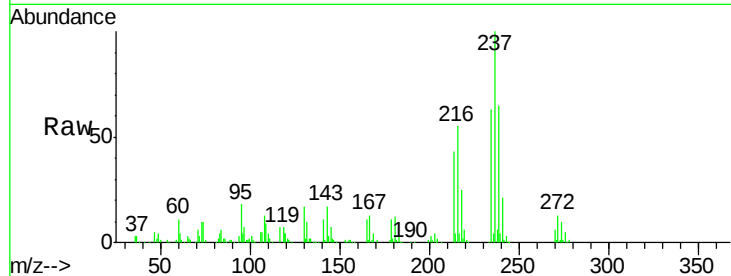
Tot Ion:237 Resp: 107330

Ion Ratio Lower Upper

237 100

235 62.6 44.4 84.4

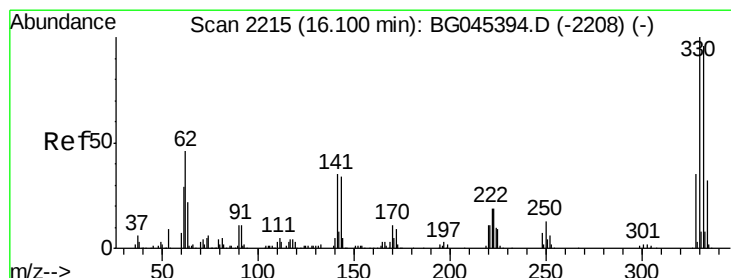
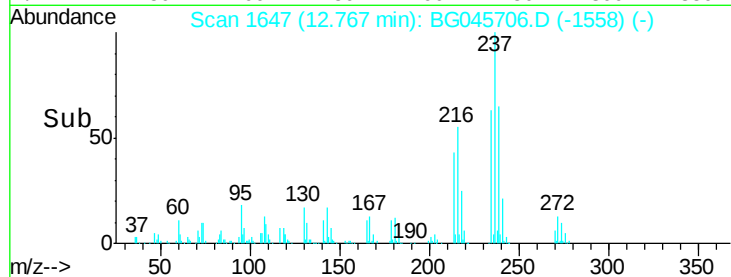
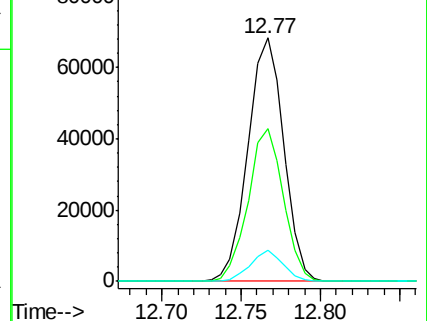
272 12.8 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 86.842 ng

RT: 16.09 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

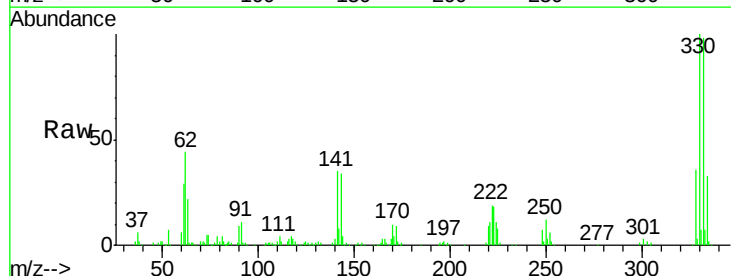
Tgt Ion:330 Resp: 181939

Ion Ratio Lower Upper

330 100

332 99.3 78.2 117.4

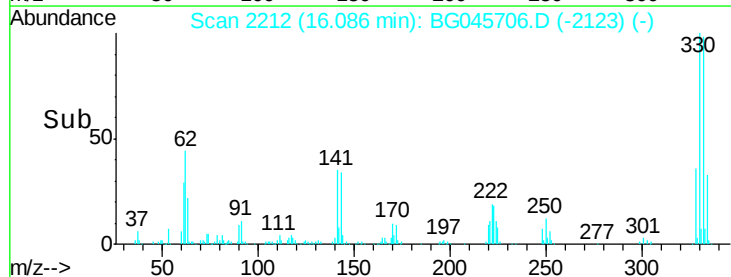
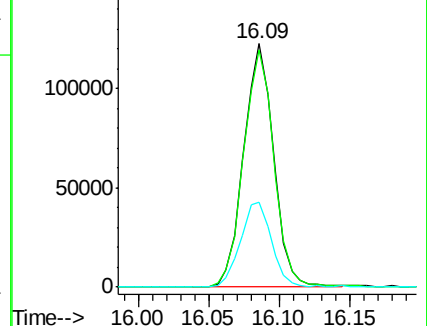
141 36.6 28.2 42.4

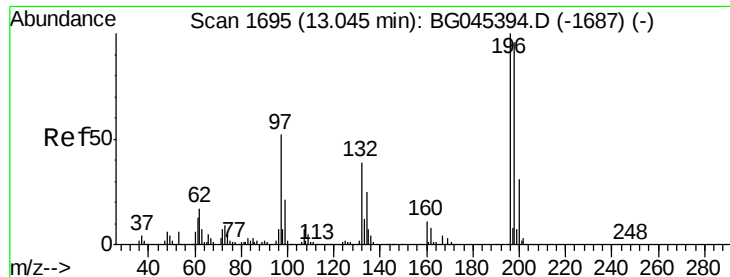


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

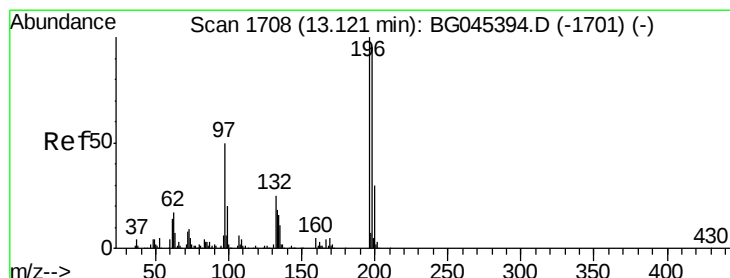
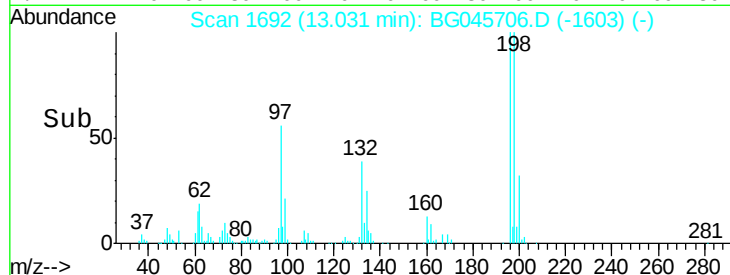
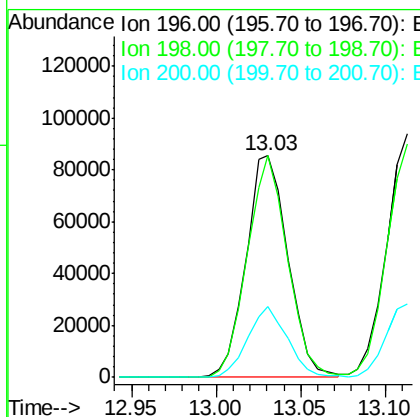
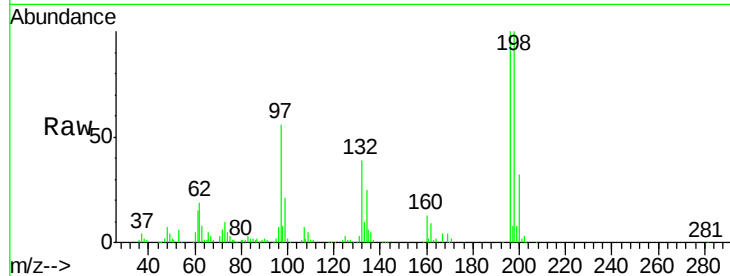




#43
 2,4,6-Trichlorophenol
 Concen: 46.351 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG045706.D
 Acq: 11 Jun 2020 3:22

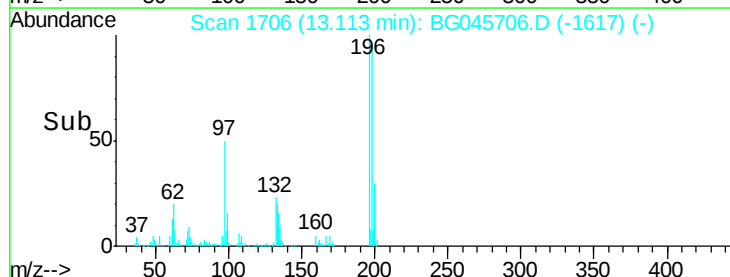
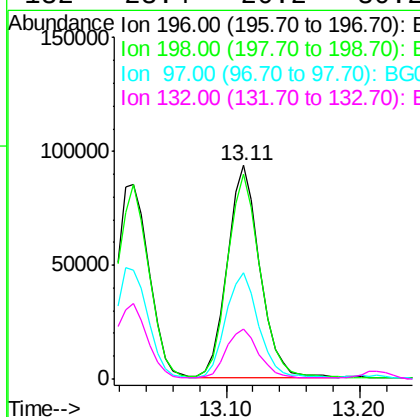
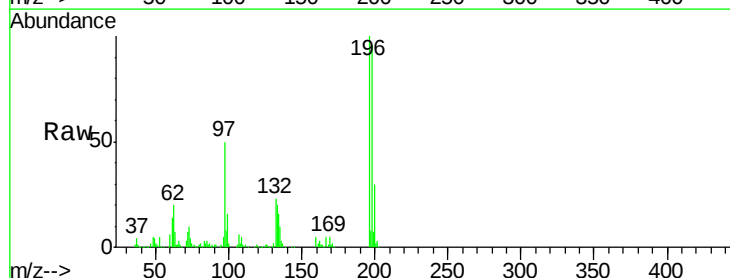
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 147329
 Ion Ratio Lower Upper
 196 100
 198 100.2 76.7 115.1
 200 31.7 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.753 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG045706.D
 Acq: 11 Jun 2020 3:22

Tgt Ion:196 Resp: 158924
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.1 114.1
 97 49.8 40.0 60.0
 132 23.4 20.2 30.2

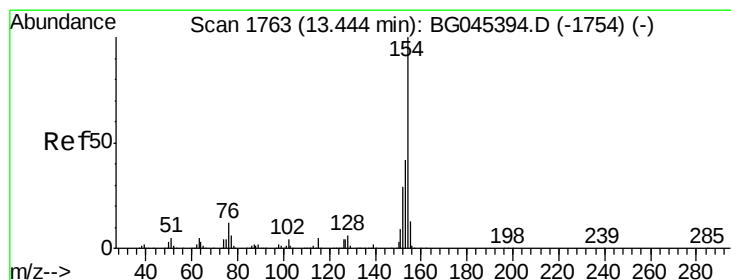
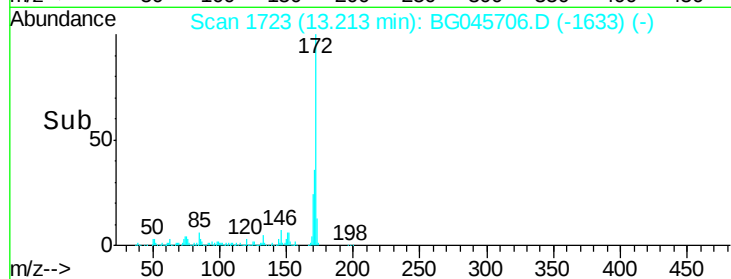
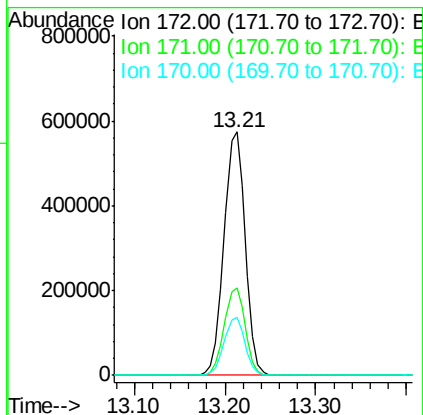
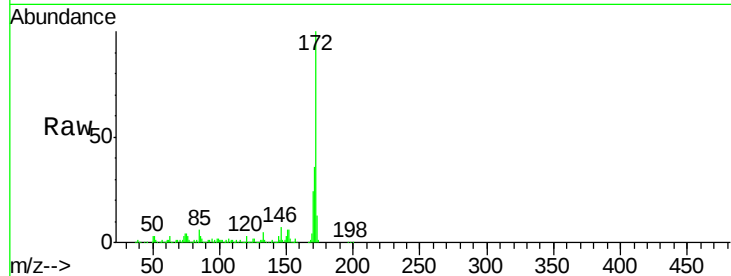




#45
2-Fluorobiphenyl
Concen: 96.300 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

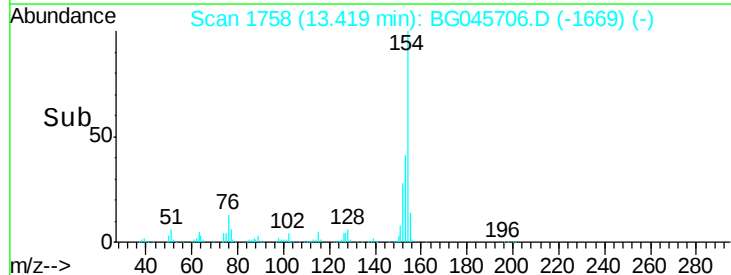
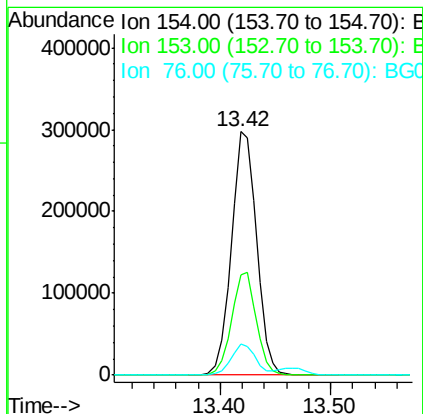
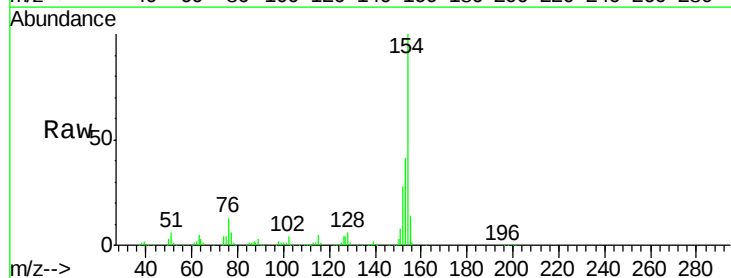
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

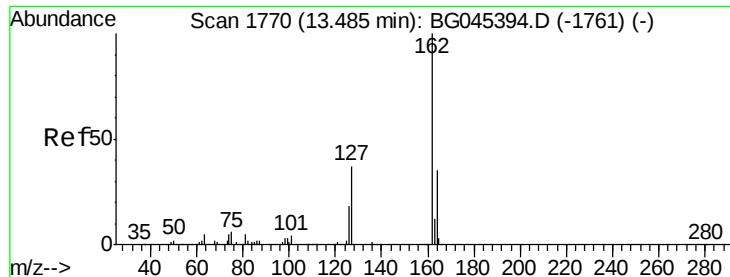
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.5	44.3
170	23.7	18.5	27.7



#46
1,1'-Biphenyl
Concen: 47.425 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.2	62.2
76	12.7	0.0	32.4

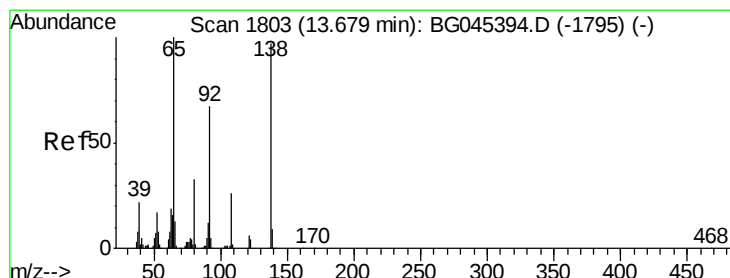
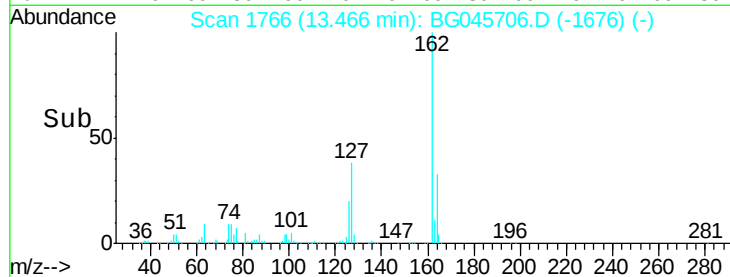
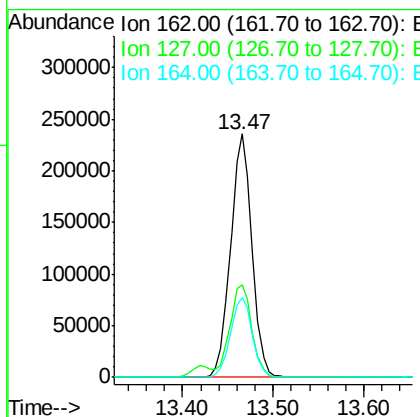
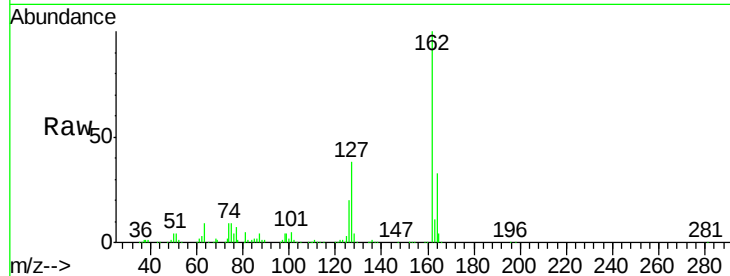




#47
2-Chloronaphthalene
Concen: 47.234 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

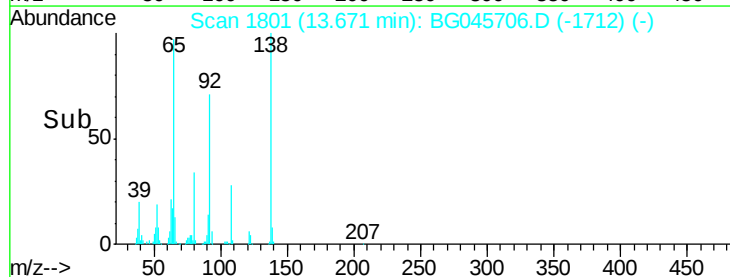
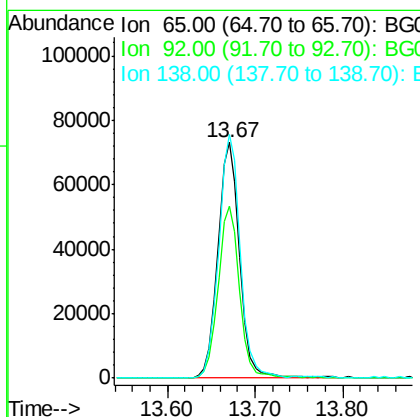
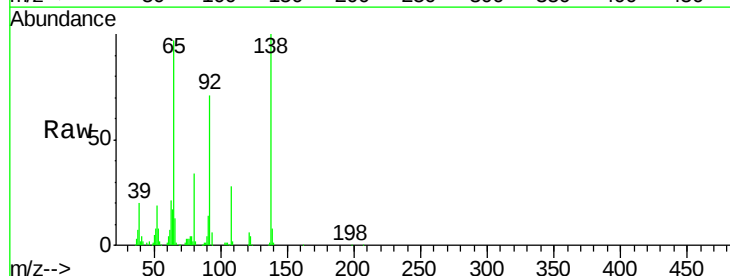
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

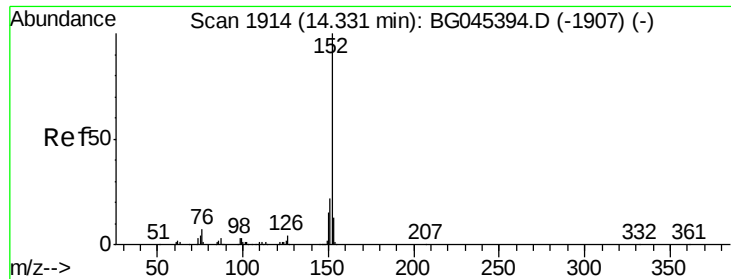
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.6	47.4
164	32.9	28.1	42.1



#48
2-Nitroaniline
Concen: 46.946 ng
RT: 13.67 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	53.8	80.8
138	103.2	77.9	116.9





#49

Acenaphthylene

Concen: 46.248 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

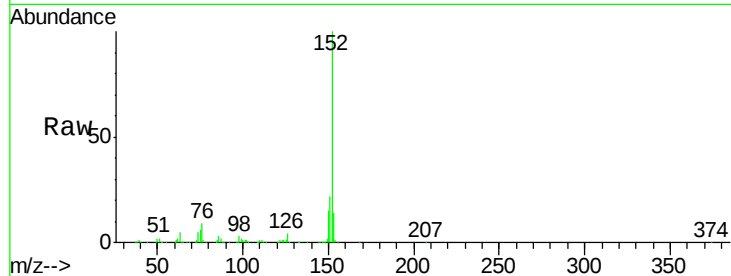
Tot Ion:152 Resp: 607206

Ion Ratio Lower Upper

152 100

151 21.7 17.4 26.2

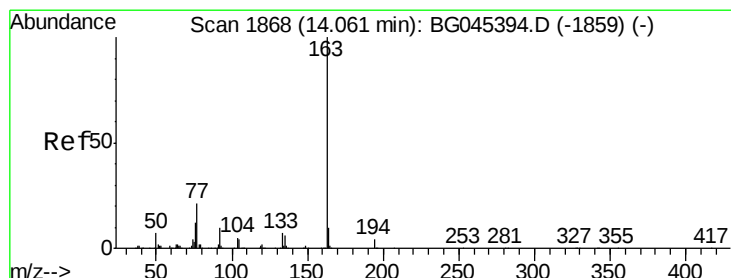
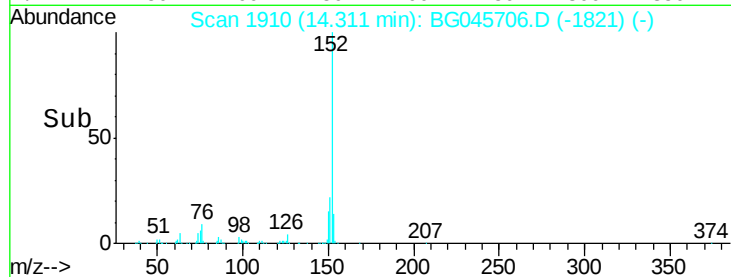
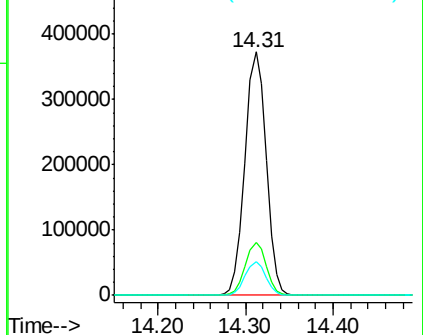
153 14.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.859 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

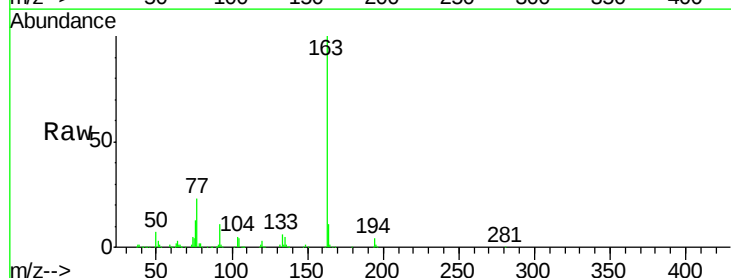
Tgt Ion:163 Resp: 504111

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

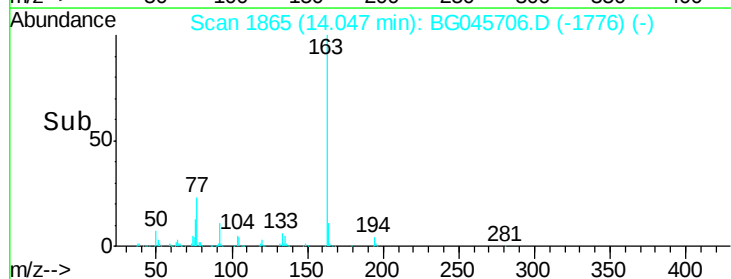
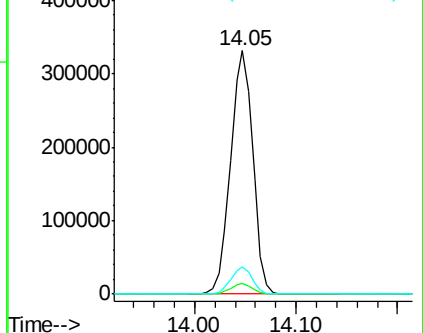
164 11.1 8.3 12.5

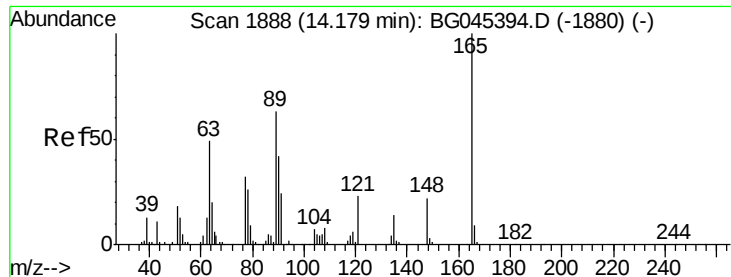


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

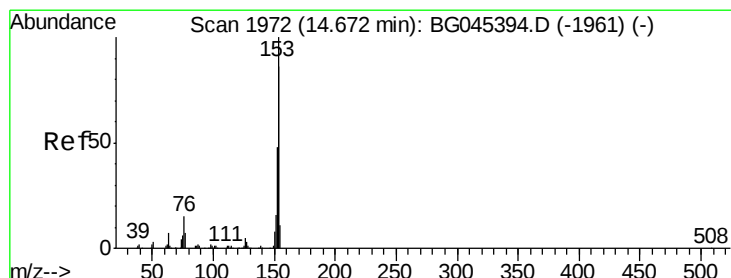
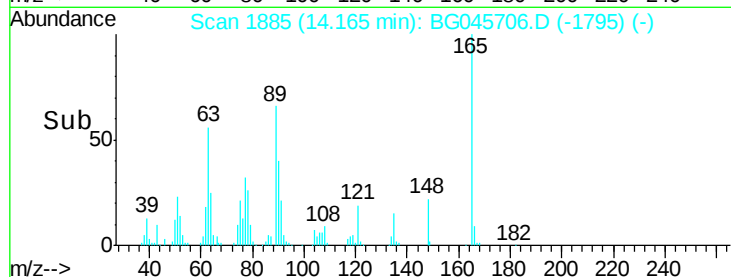
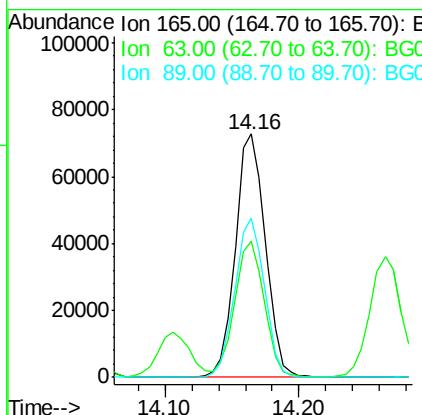
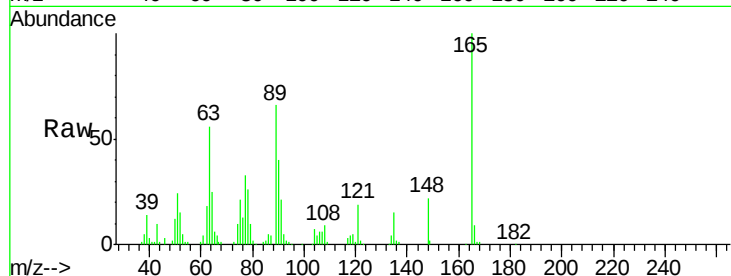




#51
 2,6-Dinitrotoluene
 Concen: 44.474 ng
 RT: 14.16 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: BG045706.D
 Acq: 11 Jun 2020 3:22

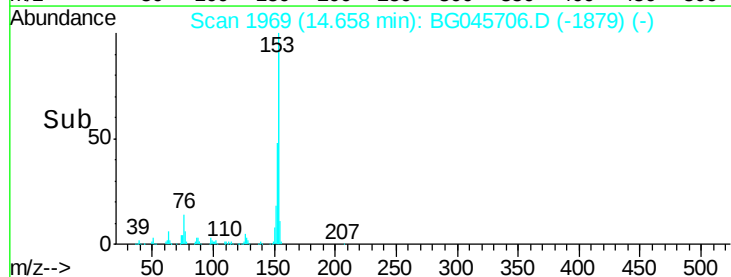
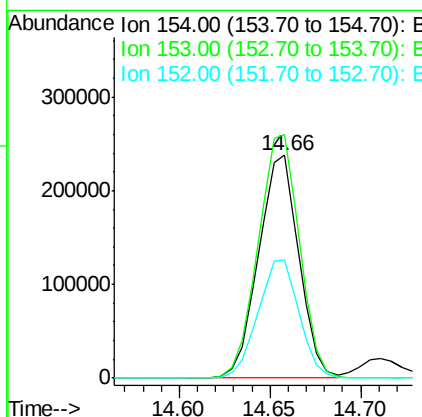
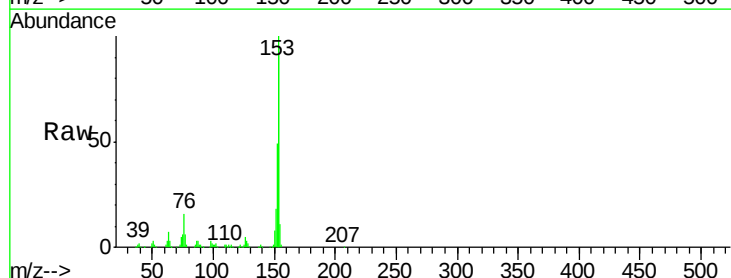
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

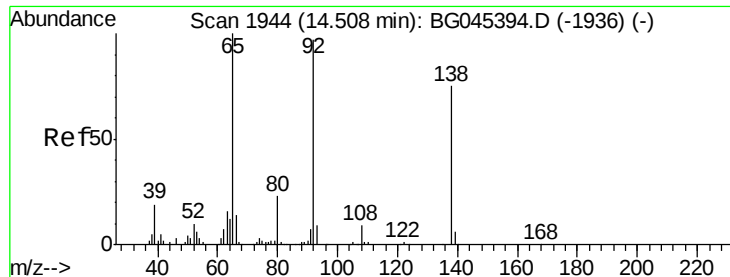
Tot Ion:165 Resp: 112778
 Ion Ratio Lower Upper
 165 100
 63 56.0 45.0 67.4
 89 65.6 50.2 75.4



#52
 Acenaphthene
 Concen: 42.196 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045706.D
 Acq: 11 Jun 2020 3:22

Tgt Ion:154 Resp: 370842
 Ion Ratio Lower Upper
 154 100
 153 109.2 92.8 139.2
 152 53.0 44.6 66.8

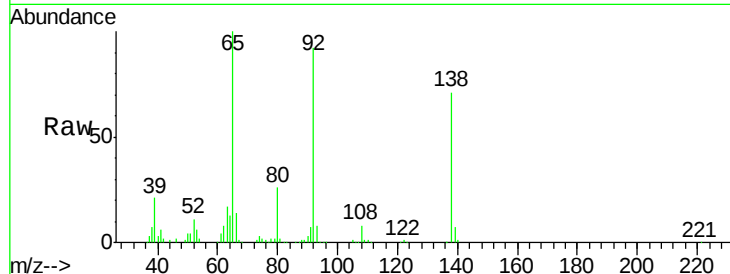




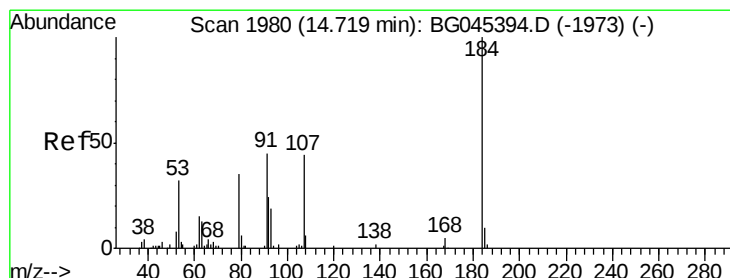
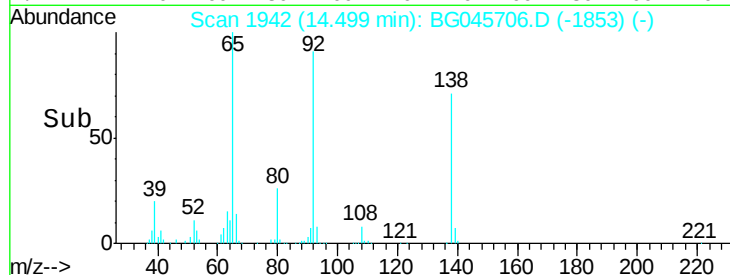
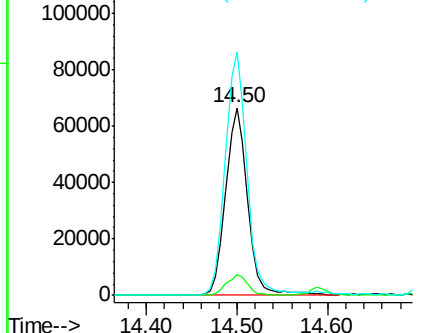
#53
3-Nitroaniline
Concen: 43.463 ng
RT: 14.50 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 112038
Ion Ratio Lower Upper
138 100
108 11.2 9.8 14.6
92 129.8 103.0 154.4

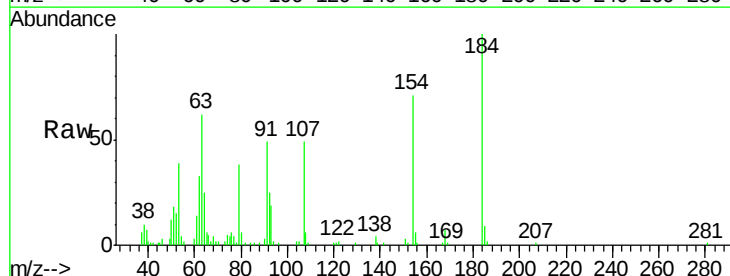


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

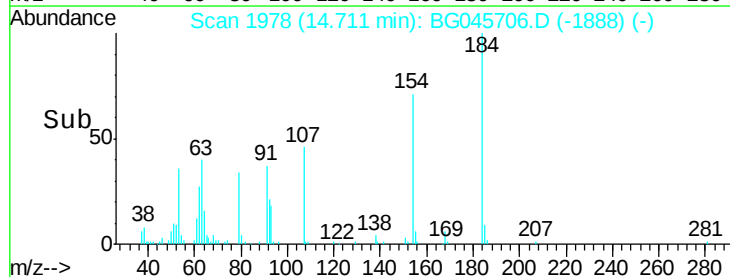
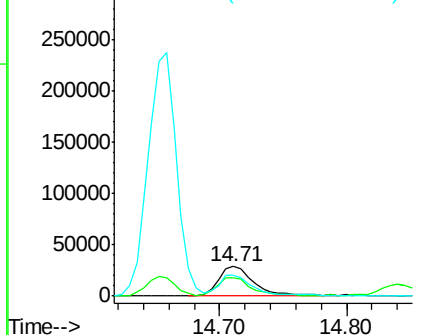


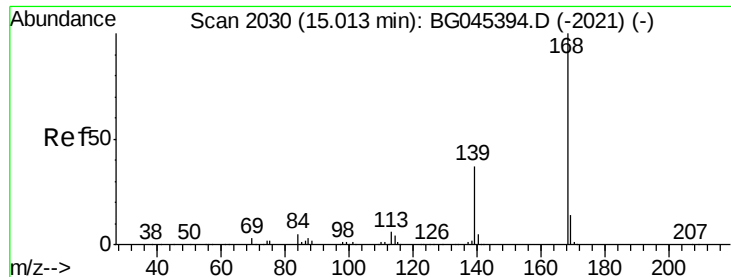
#54
2,4-Dinitrophenol
Concen: 36.878 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Tgt Ion:184 Resp: 56013
Ion Ratio Lower Upper
184 100
63 61.7 47.8 71.6
154 71.3 58.3 87.5



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





#55

Dibenzofuran

Concen: 45.726 ng

RT: 14.99 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

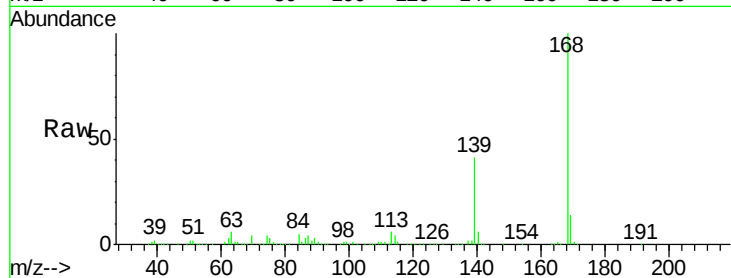
Tot Ion:168 Resp: 596775

Ion Ratio Lower Upper

168 100

139 40.9 29.9 44.9

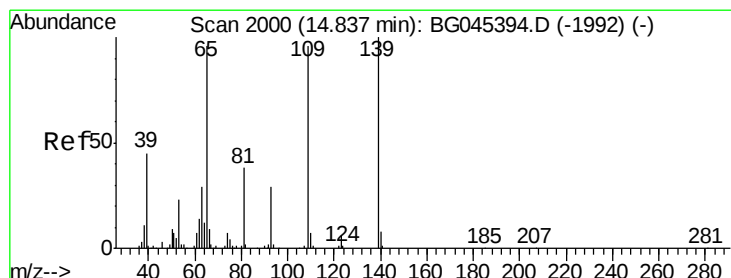
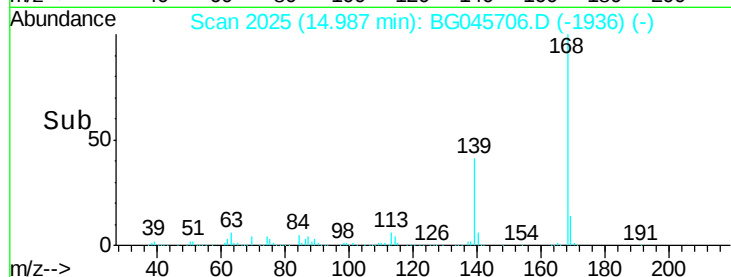
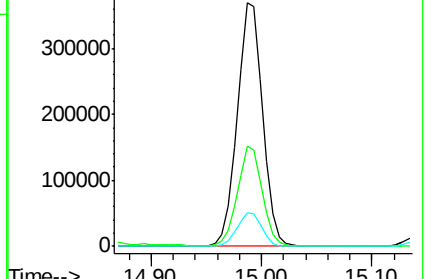
169 14.0 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 36.497 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

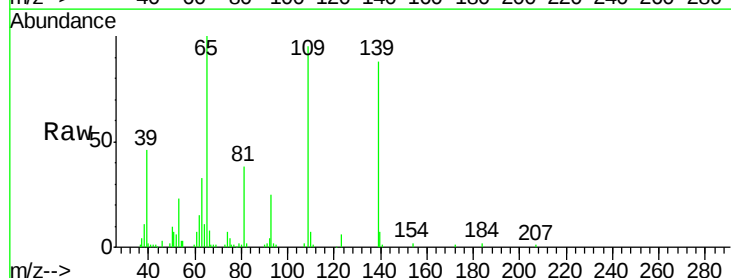
Tgt Ion:139 Resp: 71228

Ion Ratio Lower Upper

139 100

109 107.6 75.6 115.6

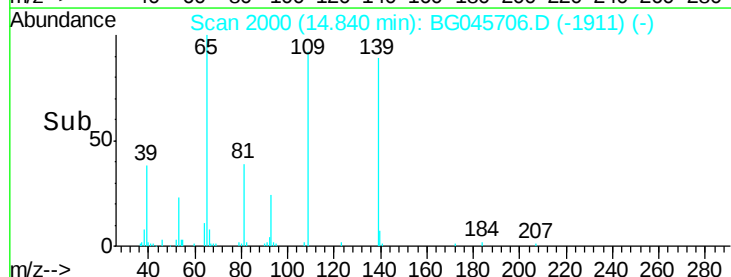
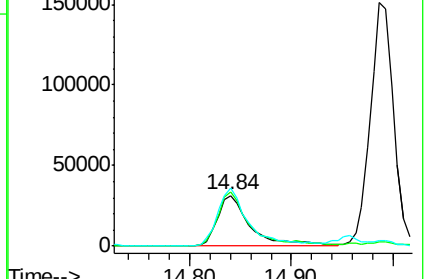
65 113.5 76.8 116.8

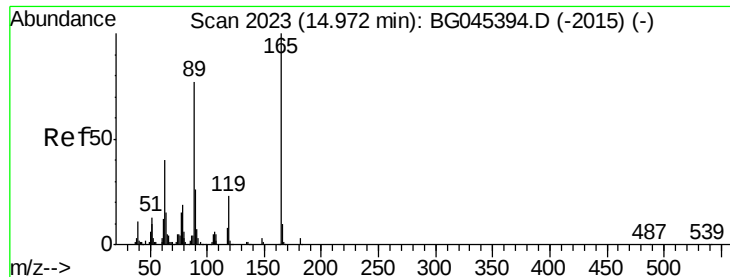


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

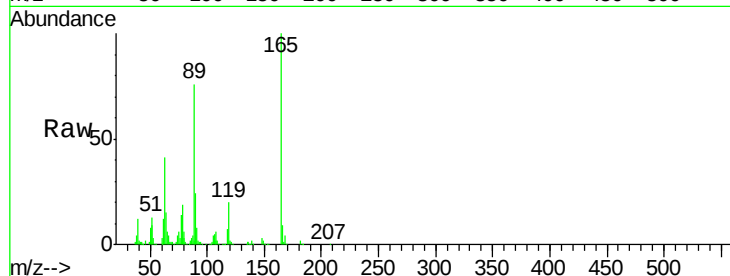




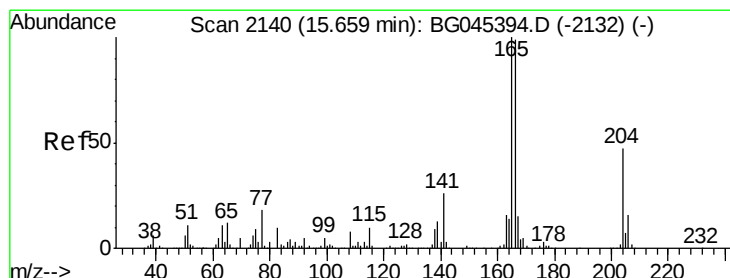
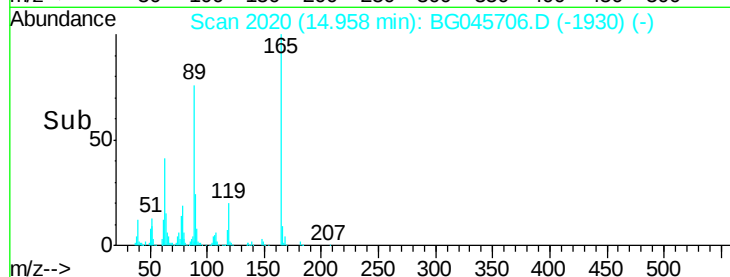
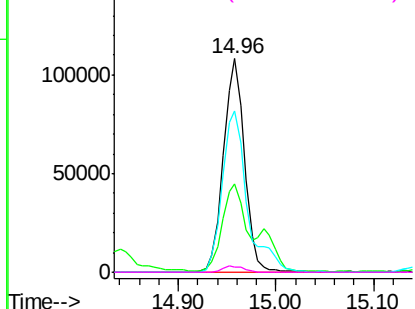
#57
2,4-Dinitrotoluene
Concen: 44.224 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 162413
Ion Ratio Lower Upper
165 100
63 41.1 32.5 48.7
89 75.6 61.8 92.6
182 2.5 2.3 3.5

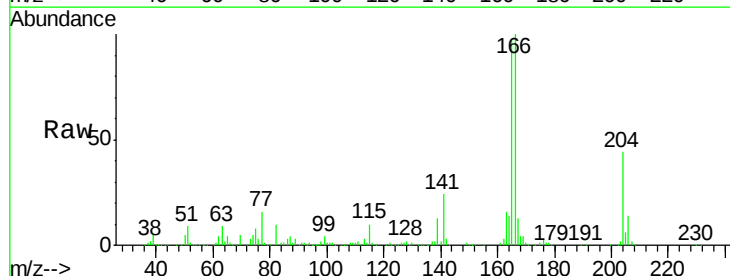


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

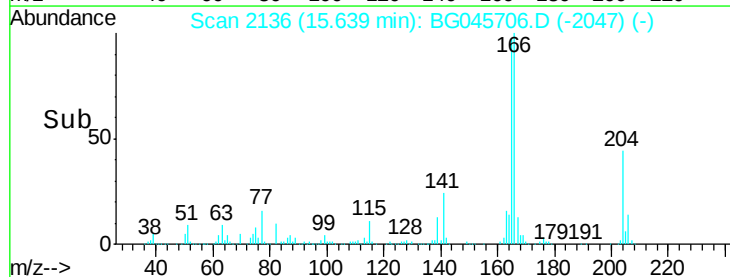
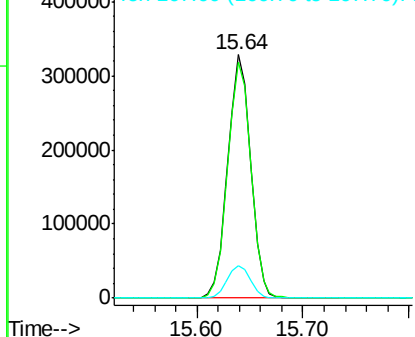


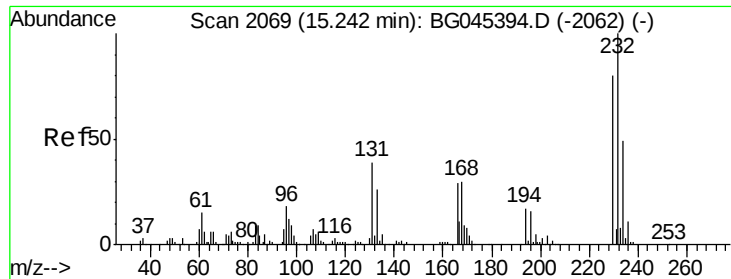
#58
Fluorene
Concen: 45.828 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Tgt Ion:166 Resp: 491374
Ion Ratio Lower Upper
166 100
165 96.7 80.8 121.2
167 13.4 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: 42.520 ng

RT: 15.23 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 135876

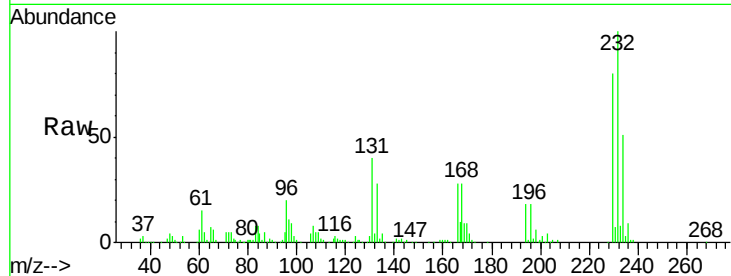
Ion Ratio Lower Upper

232 100

131 40.9 33.7 50.5

130 2.4 2.1 3.1

166 28.5 23.2 34.8

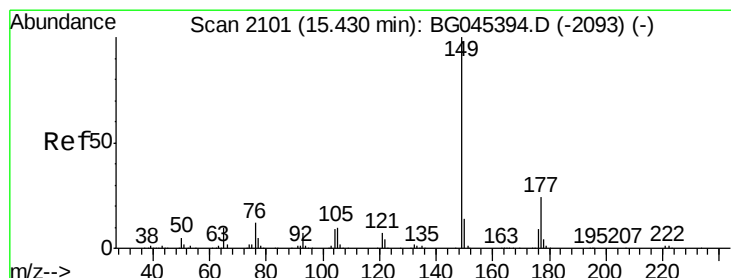
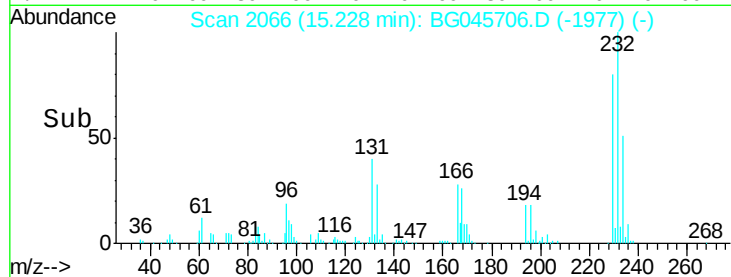
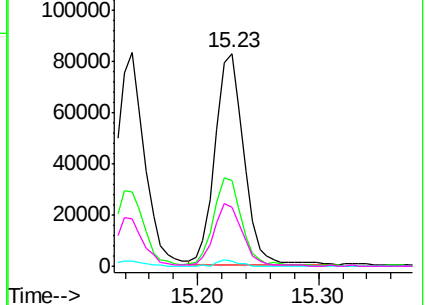


Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.521 ng

RT: 15.41 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

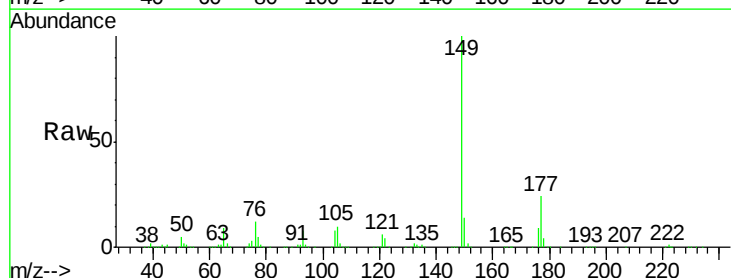
Tgt Ion:149 Resp: 509047

Ion Ratio Lower Upper

149 100

177 24.2 19.0 28.4

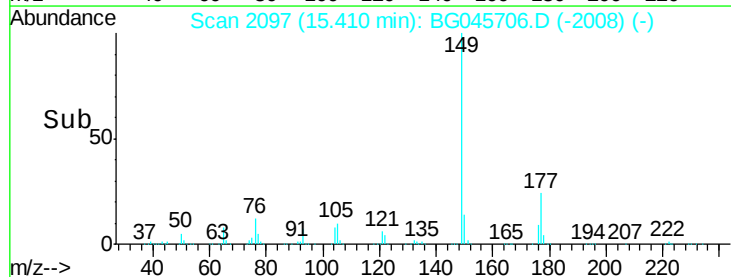
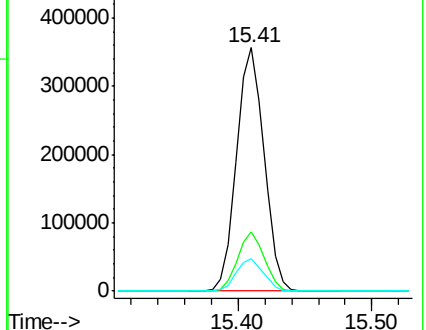
150 13.5 11.4 17.0

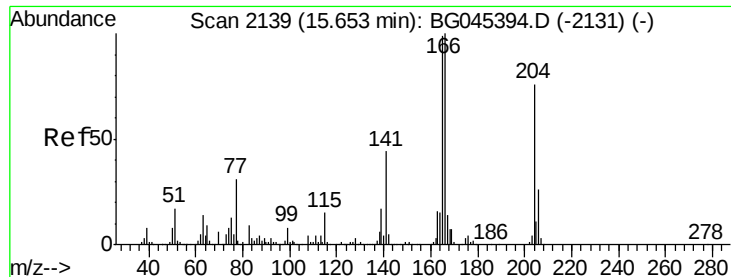


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

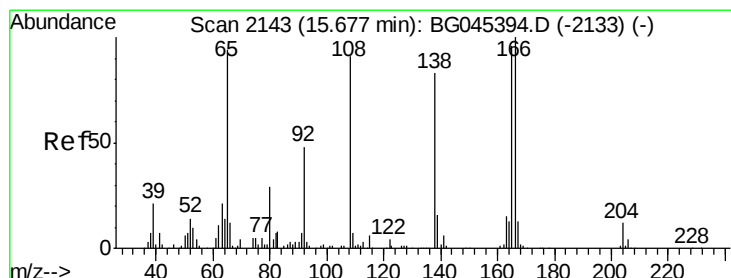
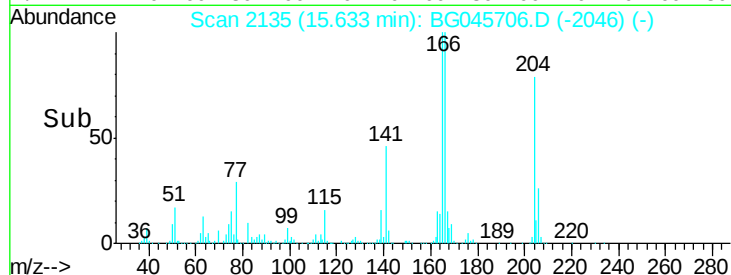
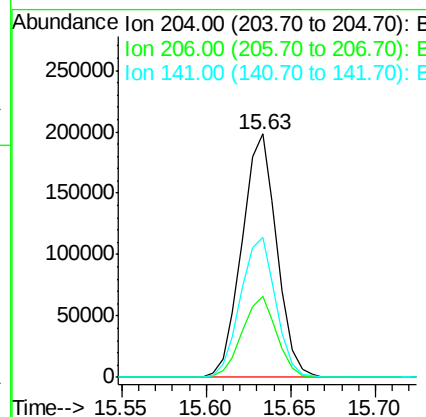
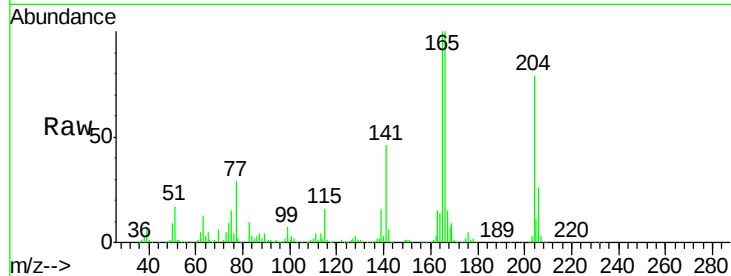




#61
4-Chlorophenyl-phenylether
Concen: 46.400 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

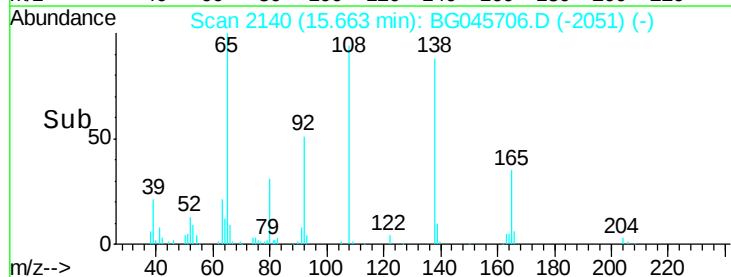
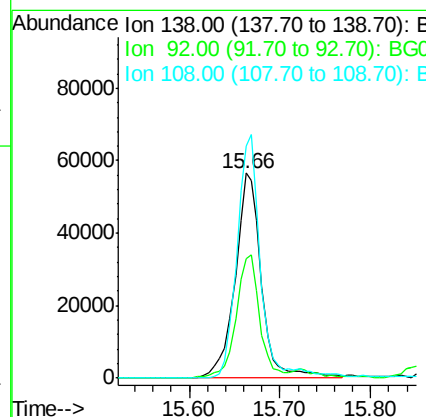
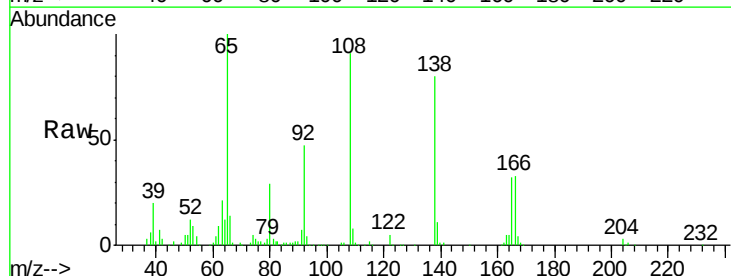
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

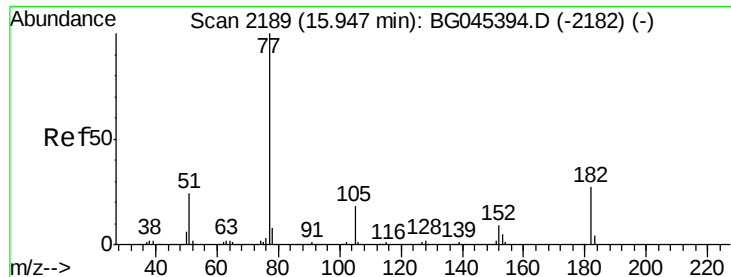
Tot Ion:204 Resp: 284690
Ion Ratio Lower Upper
204 100
206 33.1 27.3 40.9
141 57.6 45.9 68.9



#62
4-Nitroaniline
Concen: 42.452 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Tgt Ion:138 Resp: 114243
Ion Ratio Lower Upper
138 100
92 58.1 38.0 78.0
108 113.3 89.3 129.3





#63

Azobenzene

Concen: 45.077 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 491635

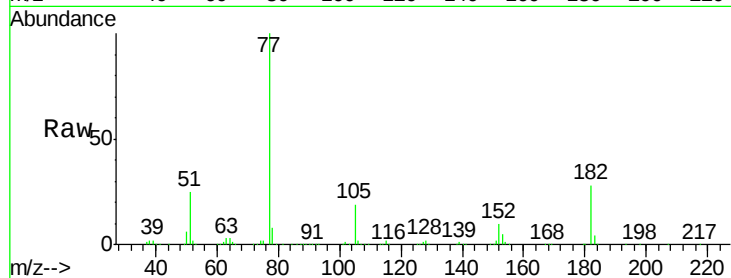
Ion Ratio Lower Upper

77 100

182 28.3 6.5 46.5

105 19.4 0.0 37.9

51 25.0 4.1 44.1

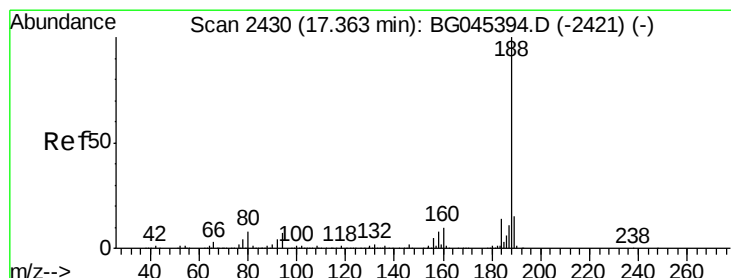
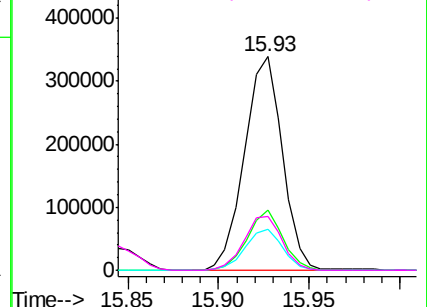
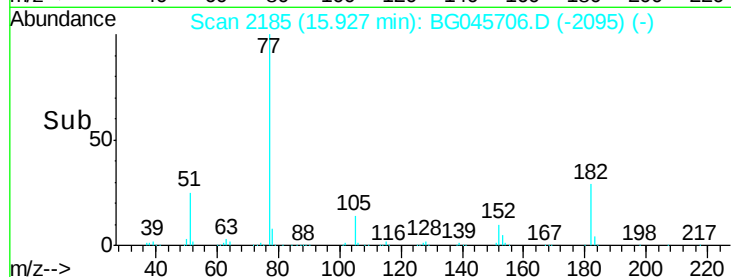


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

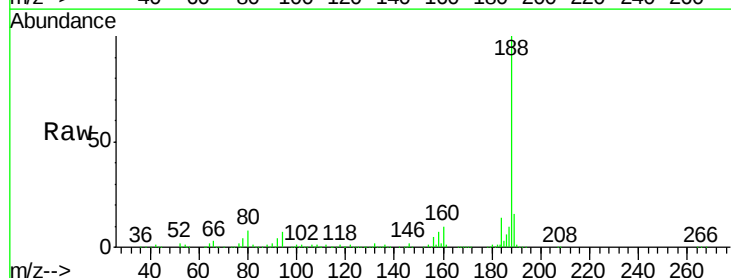
Tgt Ion: 188 Resp: 369404

Ion Ratio Lower Upper

188 100

94 6.6 5.5 8.3

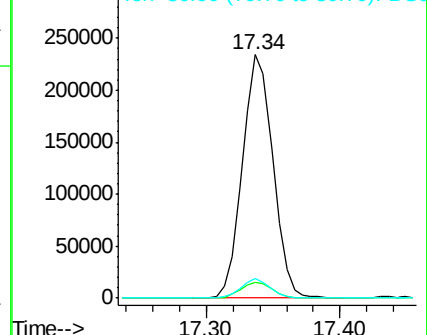
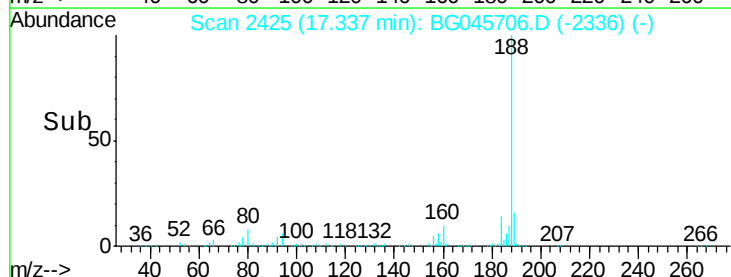
80 8.2 6.6 10.0

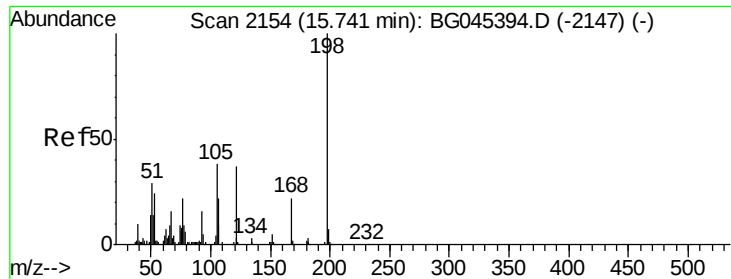


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 45.014 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

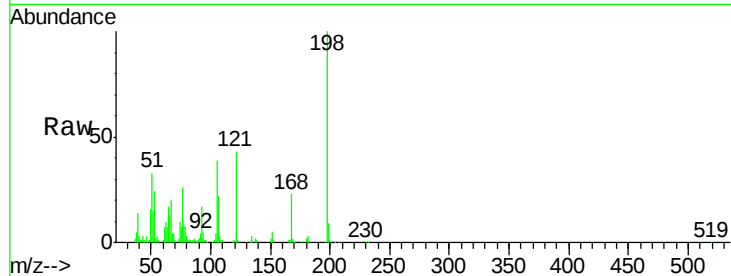
Tot Ion:198 Resp: 96844

Ion Ratio Lower Upper

198 100

51 32.6 10.0 50.0

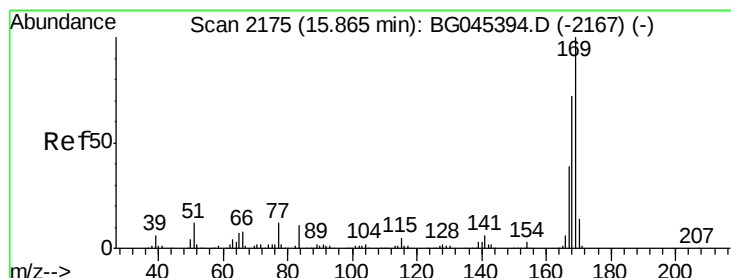
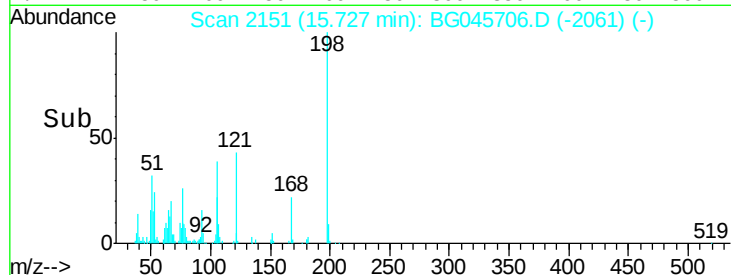
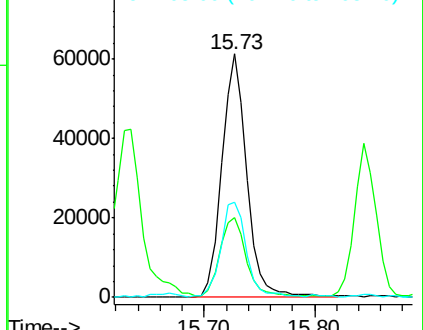
105 39.2 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.246 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

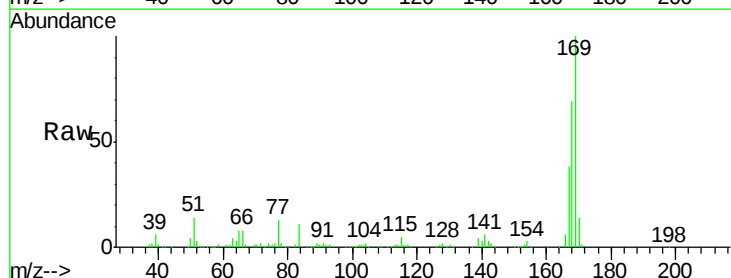
Tgt Ion:169 Resp: 419045

Ion Ratio Lower Upper

169 100

168 68.7 57.8 86.6

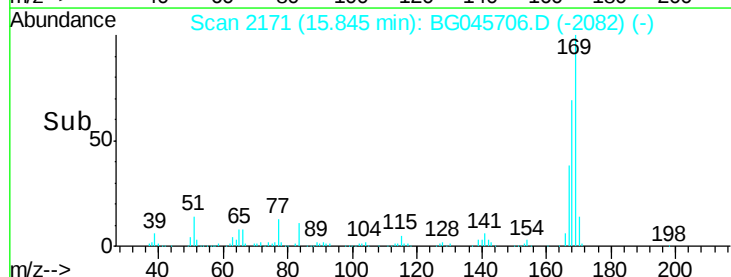
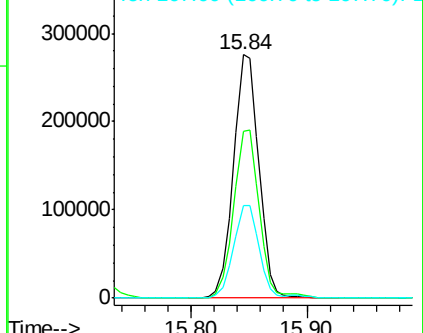
167 38.0 31.5 47.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

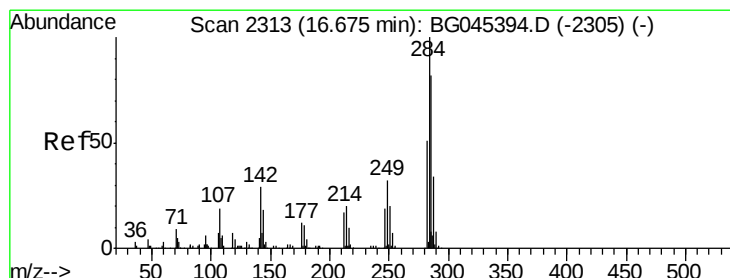
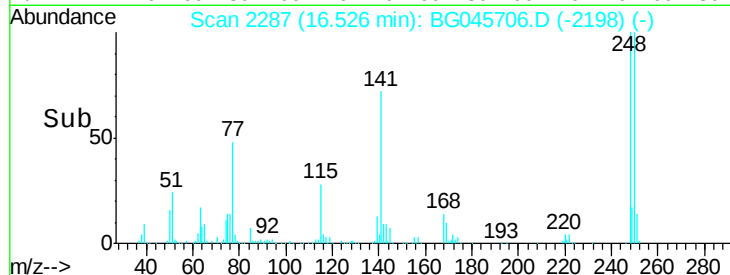
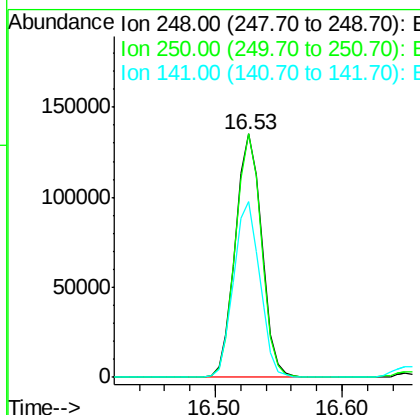
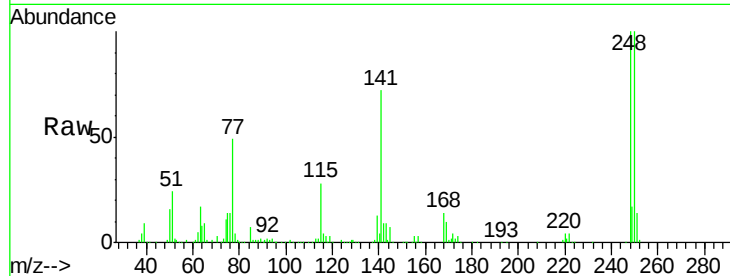




#67
4-Bromophenyl-phenylether
Concen: 48.688 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

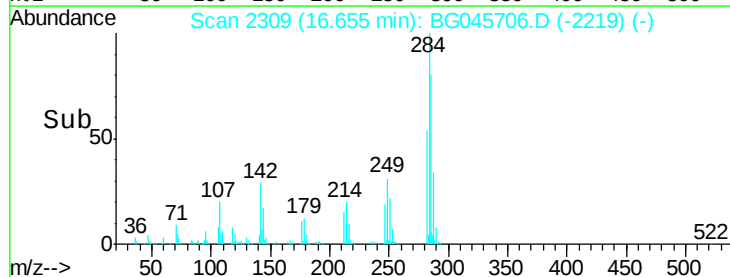
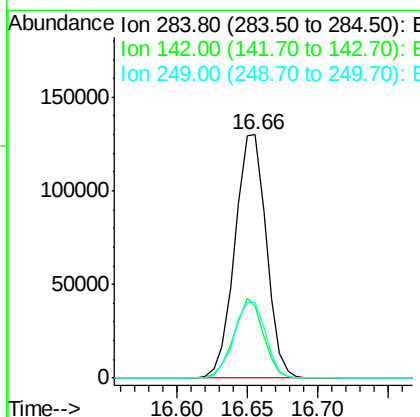
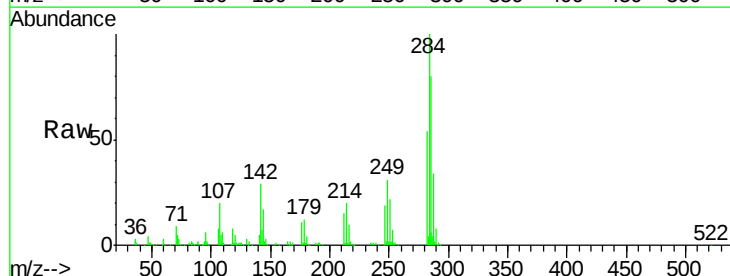
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

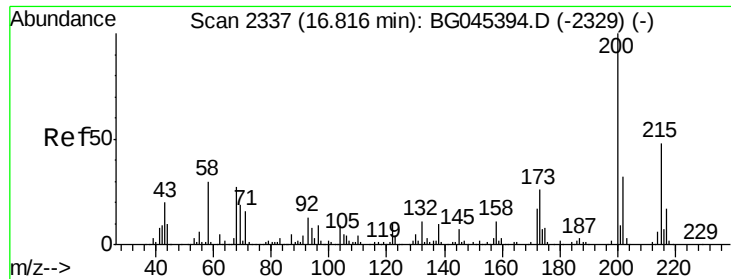
Tot Ion:248 Resp: 194754
Ion Ratio Lower Upper
248 100
250 100.2 78.6 117.8
141 72.6 58.2 87.2



#68
Hexachlorobenzene
Concen: 48.219 ng
RT: 16.66 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Tgt Ion:284 Resp: 201734
Ion Ratio Lower Upper
284 100
142 29.4 23.0 34.6
249 31.0 25.8 38.6





#69

Atrazine

Concen: 40.791 ng

RT: 16.80 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

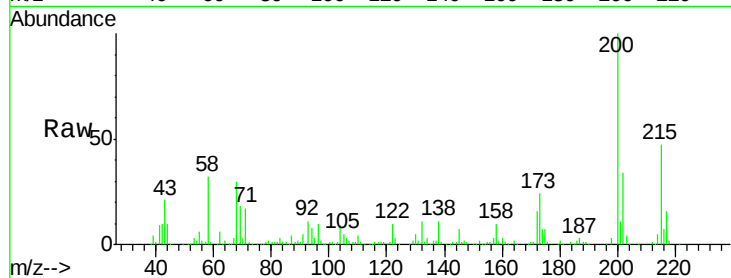
Tot Ion:200 Resp: 149017

Ion Ratio Lower Upper

200 100

173 24.1 5.5 45.5

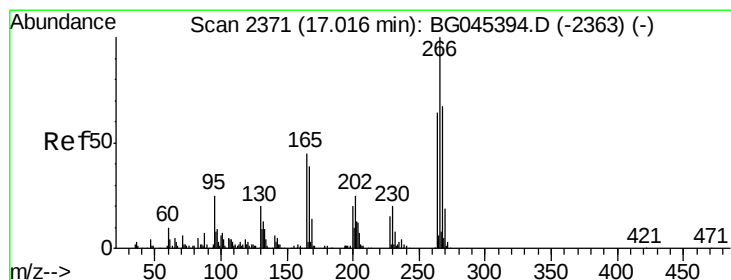
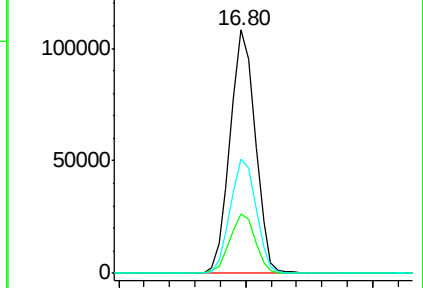
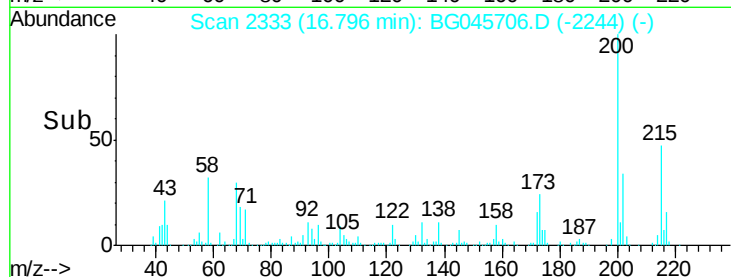
215 47.0 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 38.103 ng

RT: 17.00 min Scan# 2368

Delta R.T. -0.00 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

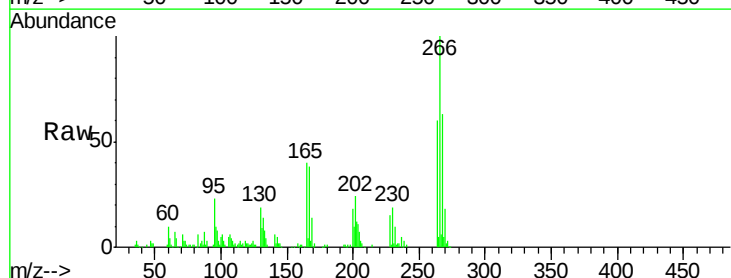
Tgt Ion:266 Resp: 82773

Ion Ratio Lower Upper

266 100

268 63.1 53.2 79.8

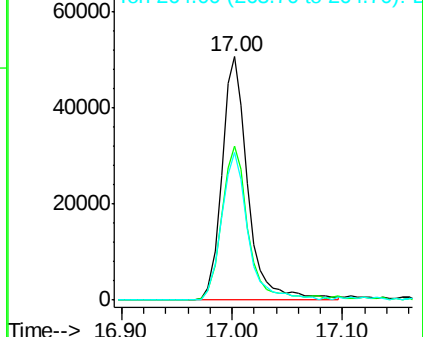
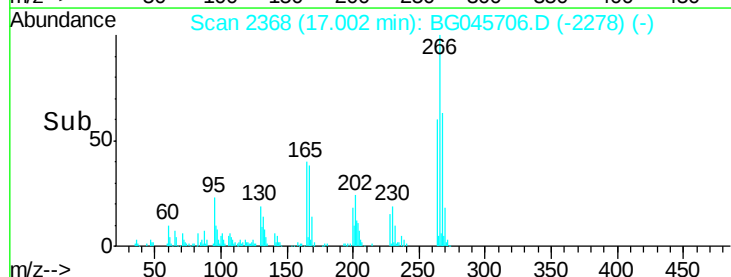
264 60.4 51.0 76.4

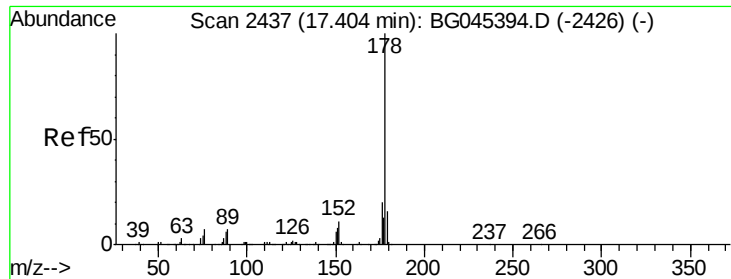


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

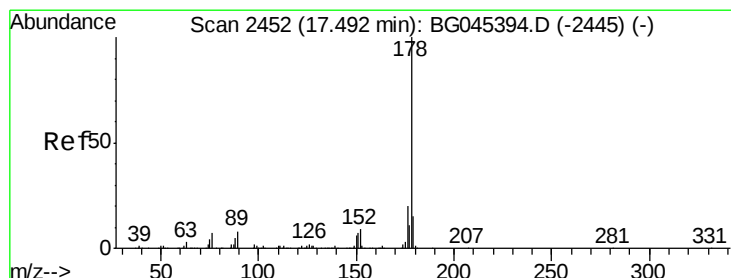
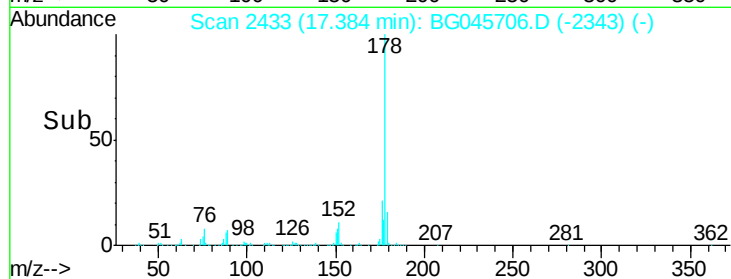
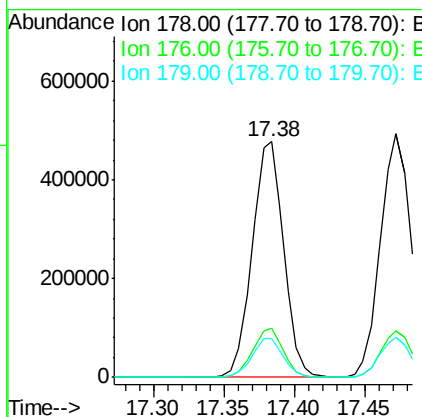
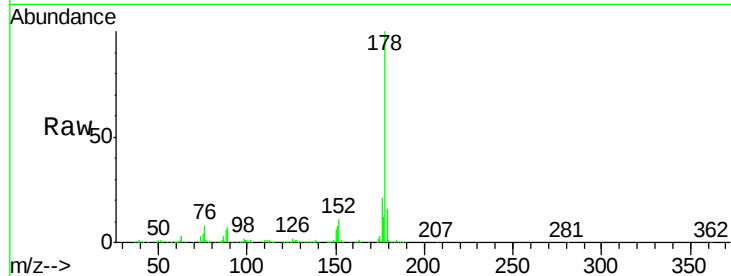




#71
Phenanthrene
Concen: 46.406 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

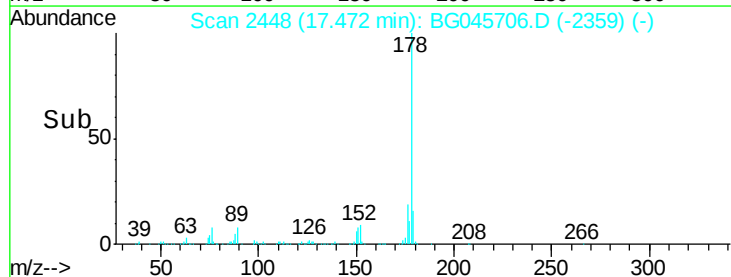
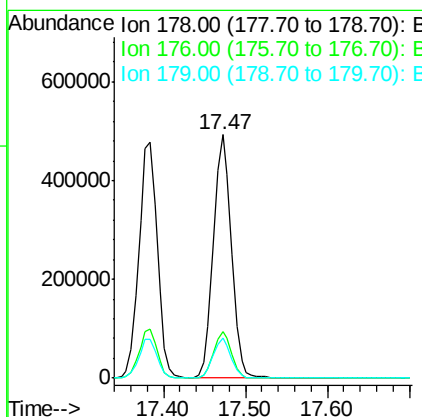
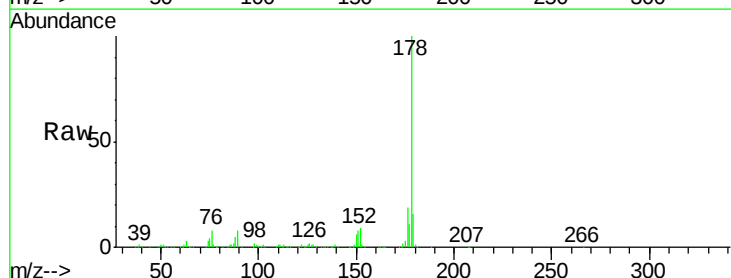
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 748369
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.5 13.1 19.7



#72
Anthracene
Concen: 46.820 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Tgt Ion:178 Resp: 758243
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 16.4 12.2 18.4

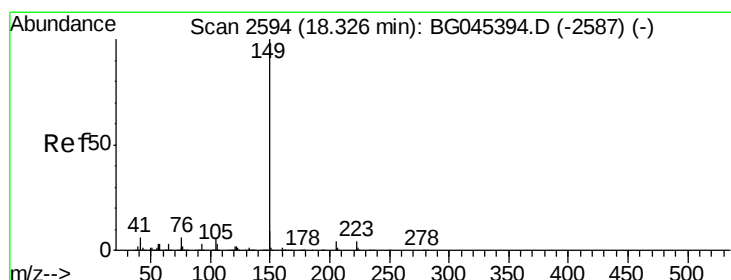
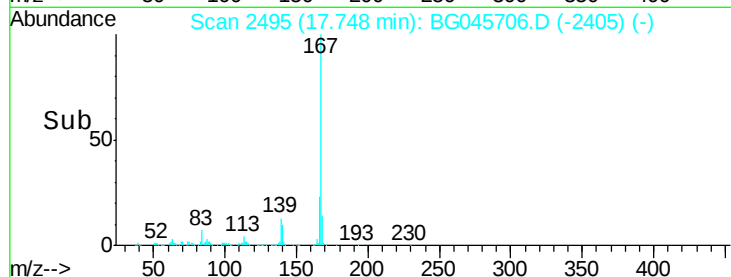
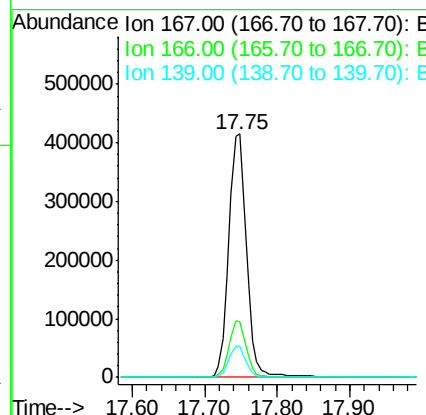
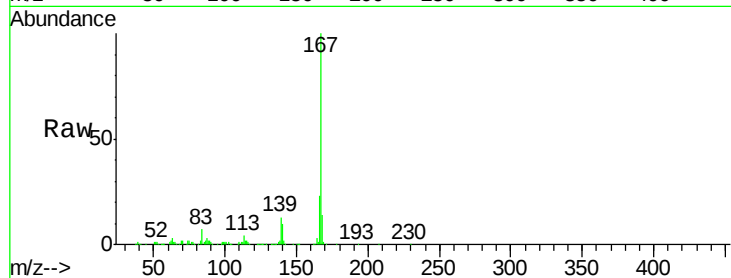




#73
 Carbazole
 Concen: 45.105 ng
 RT: 17.75 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BG045706.D
 Acq: 11 Jun 2020 3:22

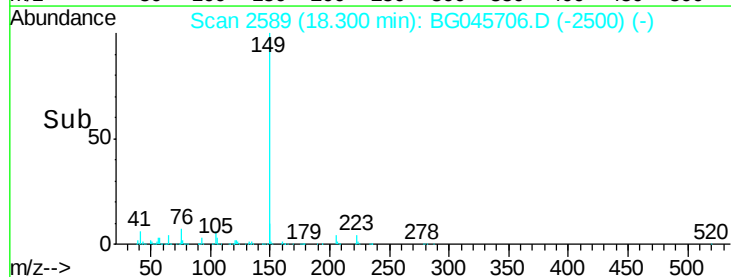
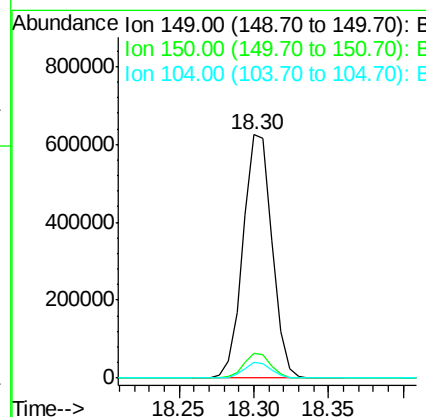
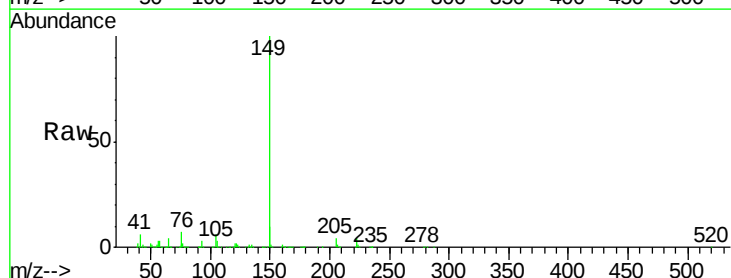
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

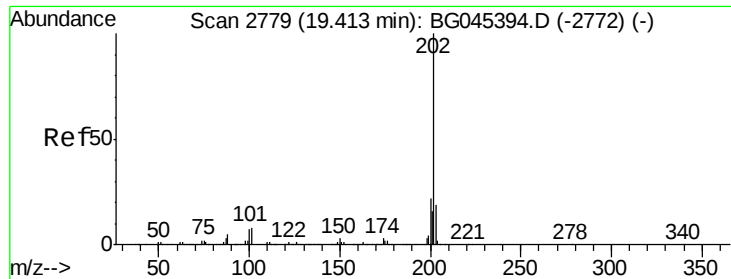
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	19.2	28.8
139	12.7	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 44.314 ng
 RT: 18.30 min Scan# 2589
 Delta R.T. -0.01 min
 Lab File: BG045706.D
 Acq: 11 Jun 2020 3:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 44.815 ng

RT: 19.39 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

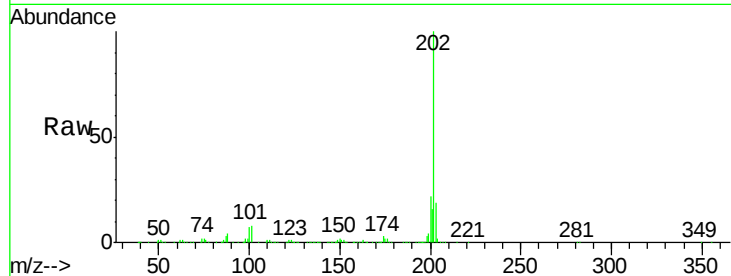
Tot Ion:202 Resp: 919251

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.3

203 18.9 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

19.39

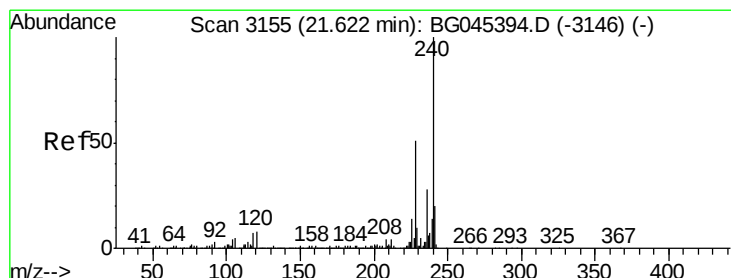
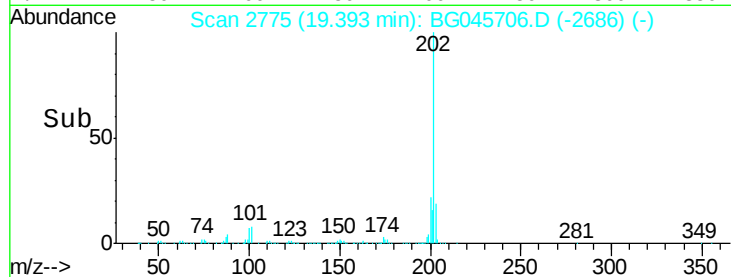
600000

400000

200000

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

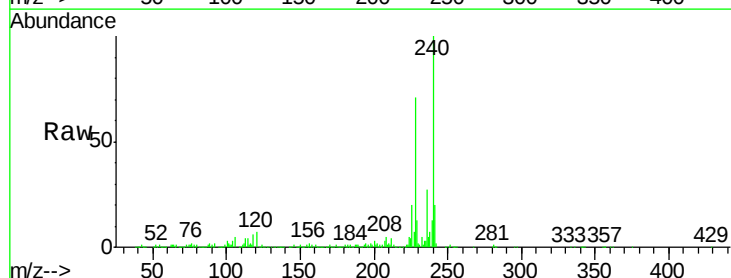
Tgt Ion:240 Resp: 342133

Ion Ratio Lower Upper

240 100

120 7.3 6.1 9.1

236 26.8 22.3 33.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.60

250000

200000

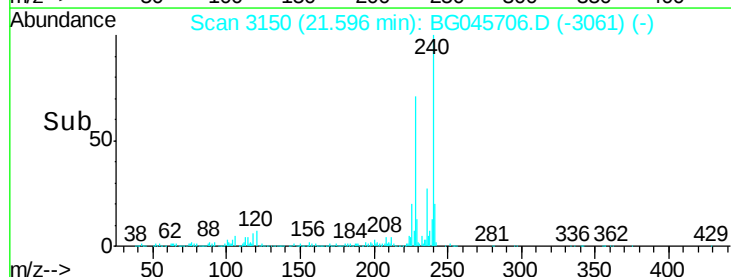
150000

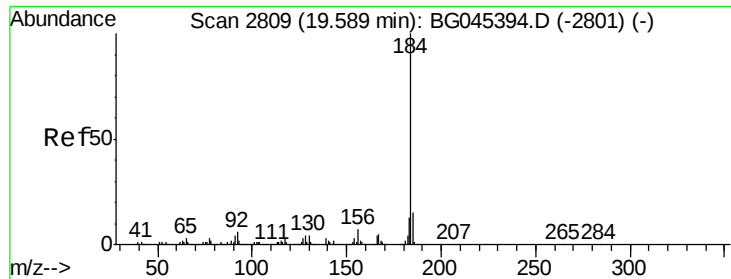
100000

50000

0

Time-->





#77

Benzidine

Concen: 40.364 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

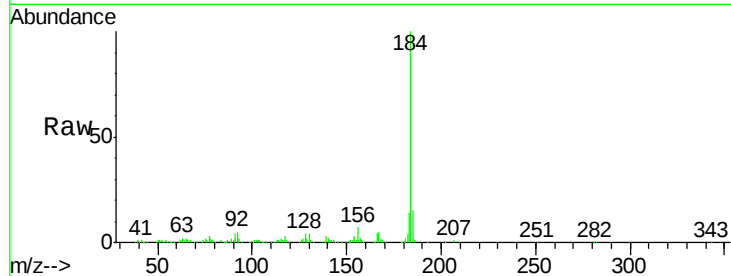
Tot Ion:184 Resp: 387860

Ion Ratio Lower Upper

184 100

185 15.1 11.7 17.5

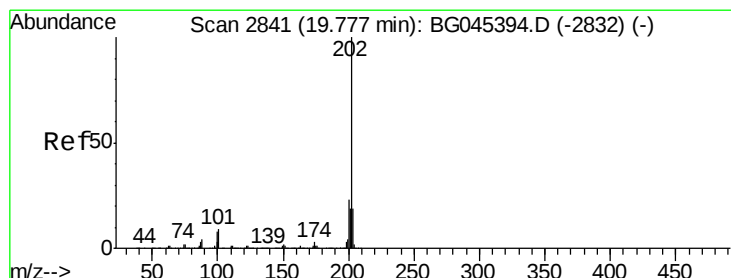
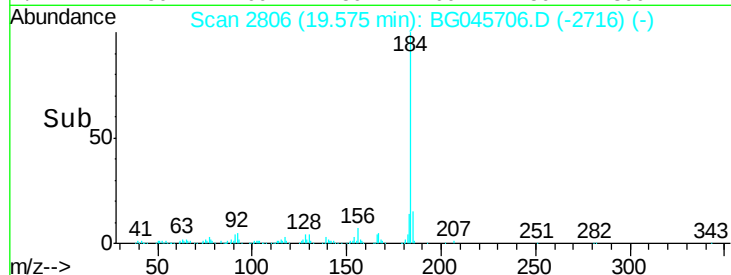
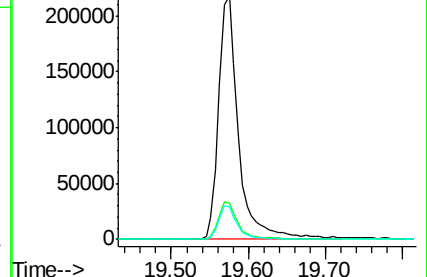
183 13.6 10.2 15.4



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: 46.320 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

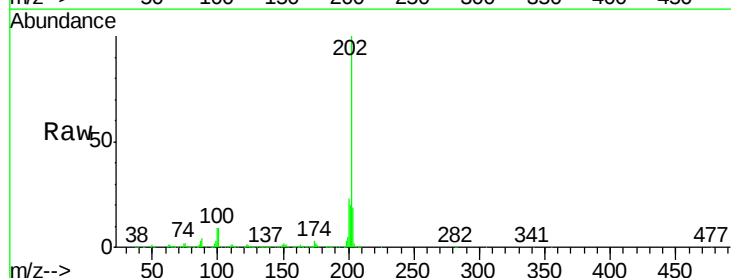
Tgt Ion:202 Resp: 903381

Ion Ratio Lower Upper

202 100

200 22.6 18.2 27.2

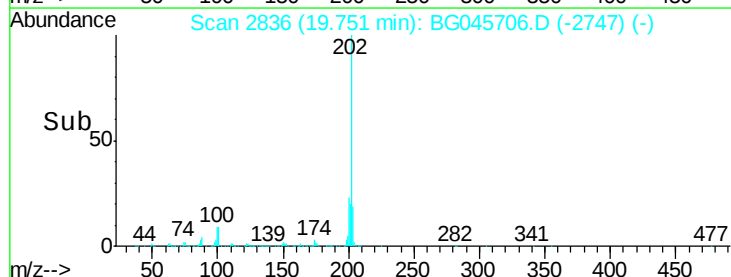
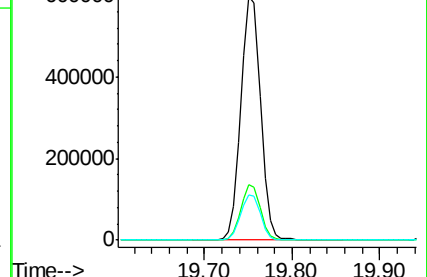
203 18.6 15.1 22.7

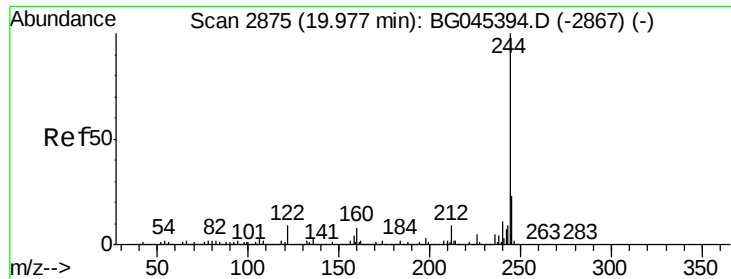


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.682 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

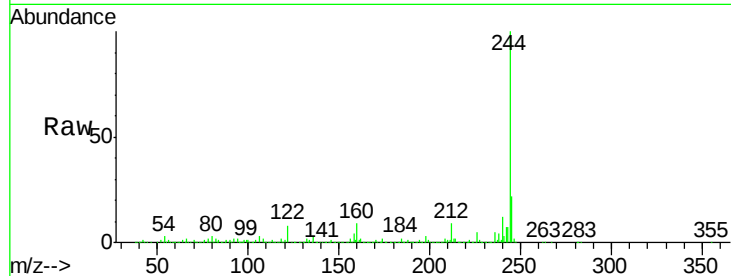
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1403588

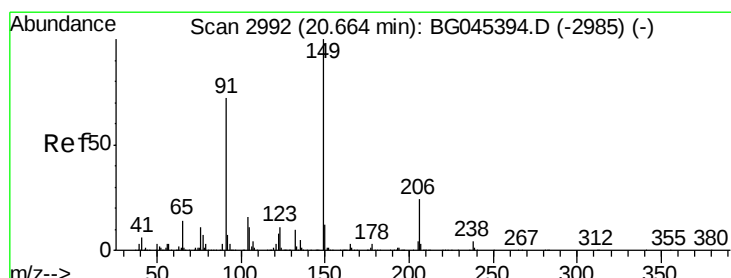
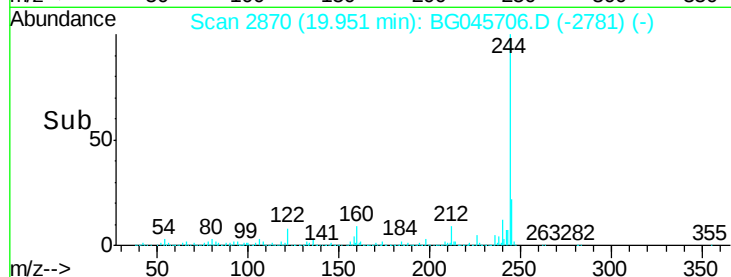
Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.4	11.0
122	8.2	6.8	10.2



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: 45.755 ng

RT: 20.64 min Scan# 2987

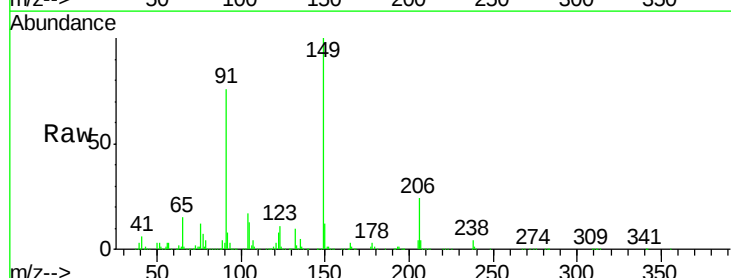
Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Tgt Ion:149 Resp: 385168

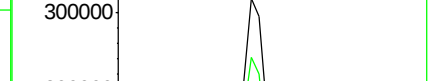
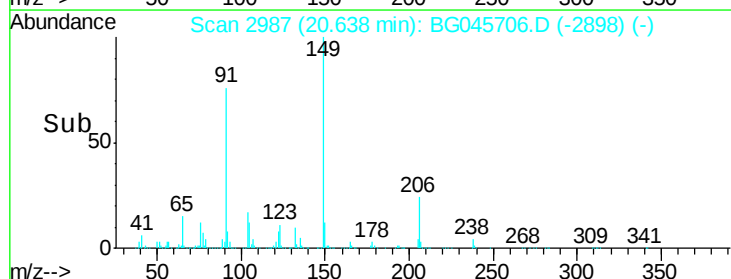
Ion	Ratio	Lower	Upper
149	100		
91	76.0	57.8	86.6
206	23.9	19.1	28.7

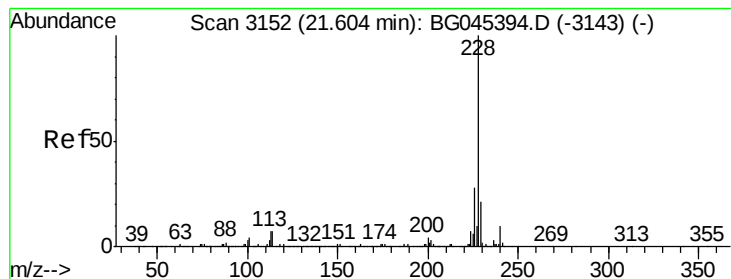


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.085 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

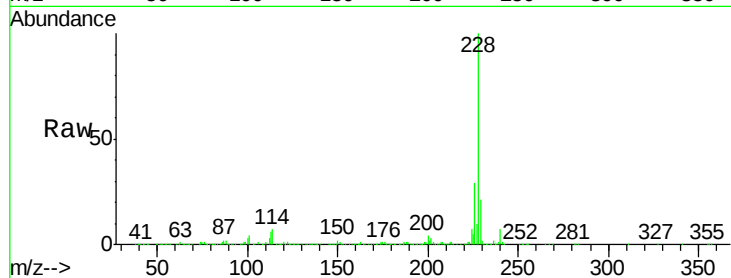
Tot Ion:228 Resp: 897399

Ion Ratio Lower Upper

228 100

226 28.8 22.7 34.1

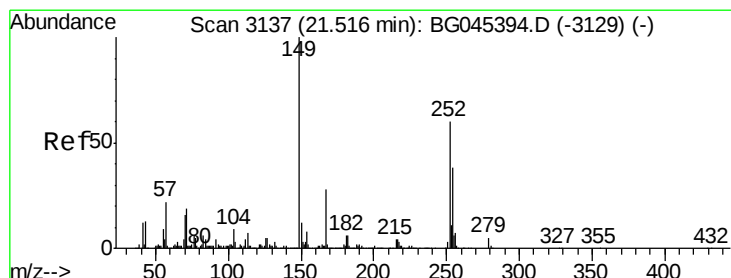
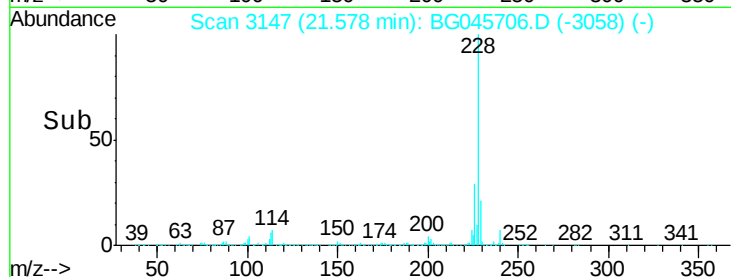
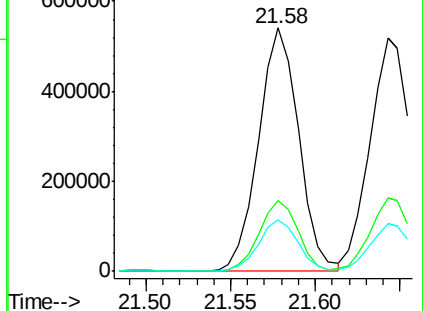
229 21.3 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.997 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

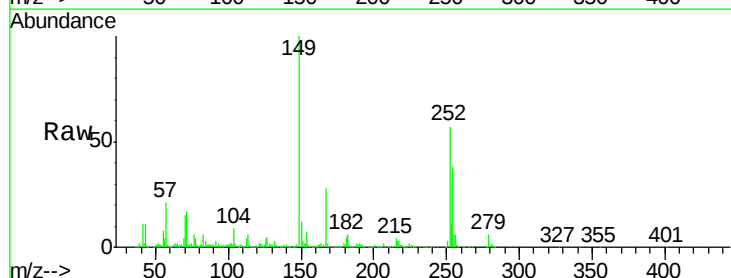
Tgt Ion:252 Resp: 328927

Ion Ratio Lower Upper

252 100

254 65.4 51.3 76.9

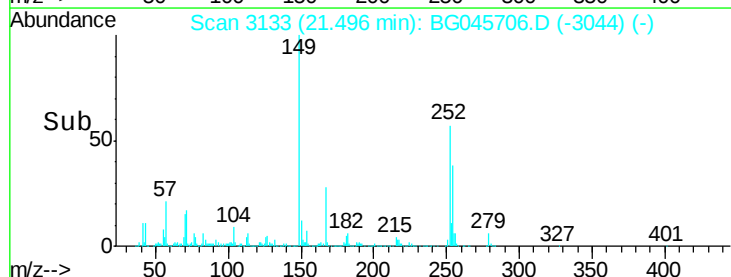
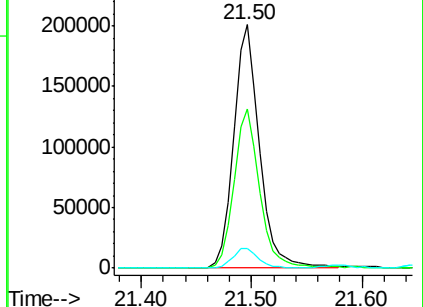
126 7.8 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 47.460 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

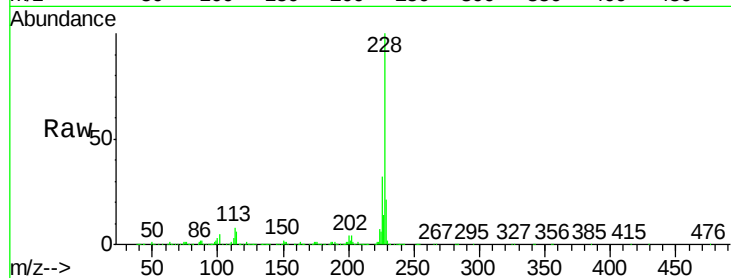
Tot Ion:228 Resp: 869759

Ion Ratio Lower Upper

228 100

226 31.7 25.2 37.8

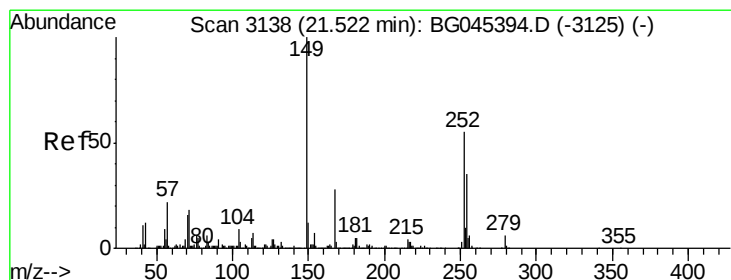
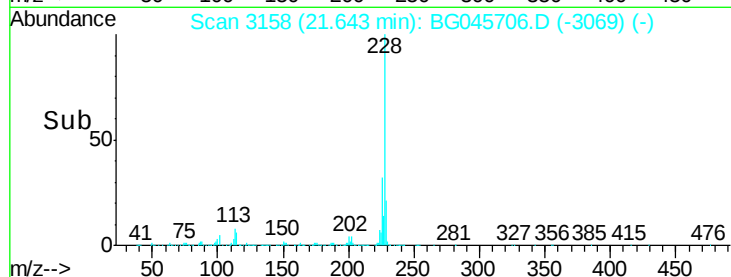
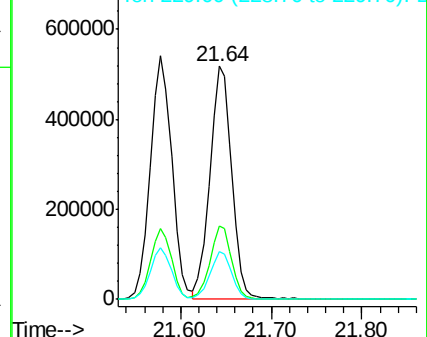
229 20.5 16.7 25.1



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: 47.276 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

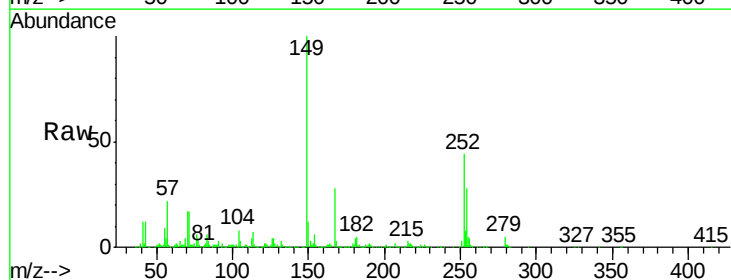
Tgt Ion:149 Resp: 547069

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

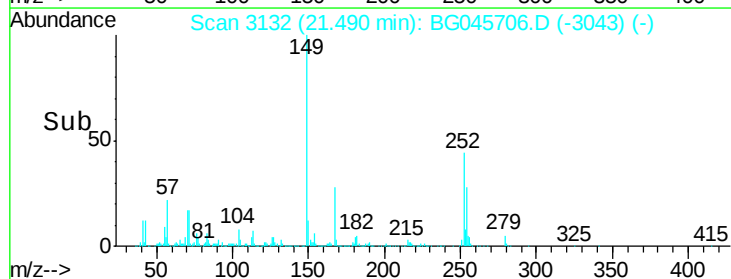
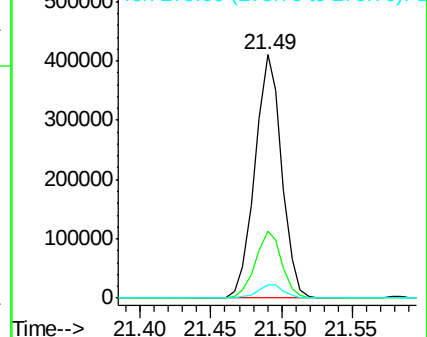
279 5.3 4.7 7.1



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: 46.117 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

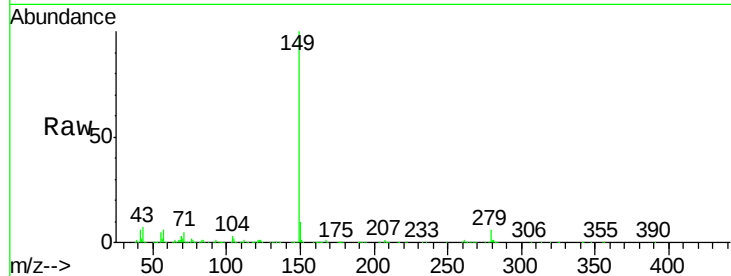
Tot Ion:149 Resp: 916559

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

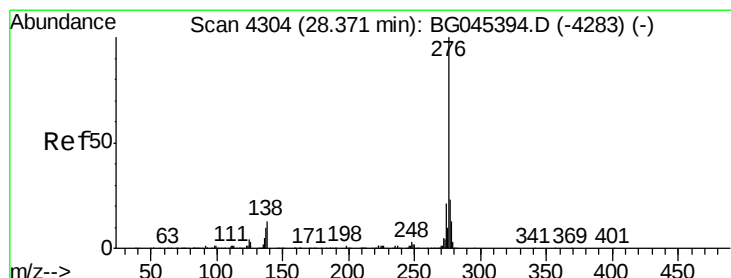
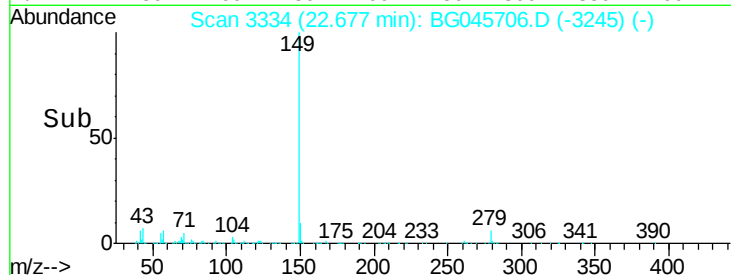
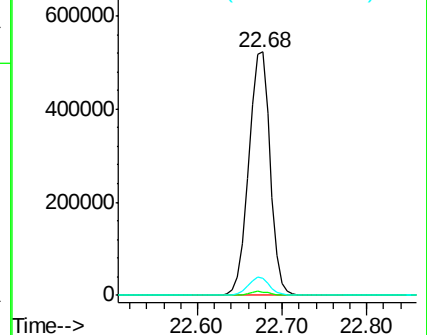
43 7.3 5.8 8.8



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: 45.798 ng

RT: 28.30 min Scan# 4292

Delta R.T. -0.02 min

Lab File: BG045706.D

Acq: 11 Jun 2020 3:22

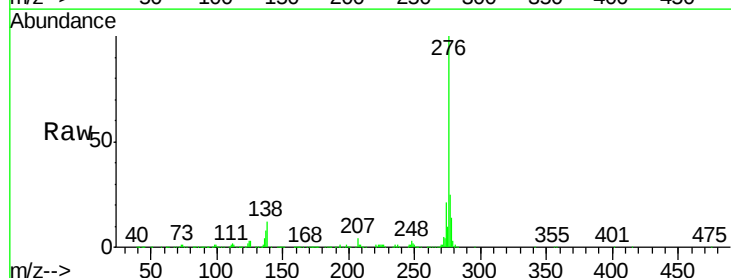
Tgt Ion:276 Resp: 1097520

Ion Ratio Lower Upper

276 100

138 7.4 8.6 12.8#

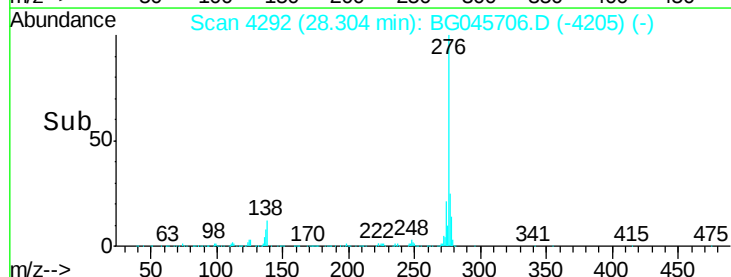
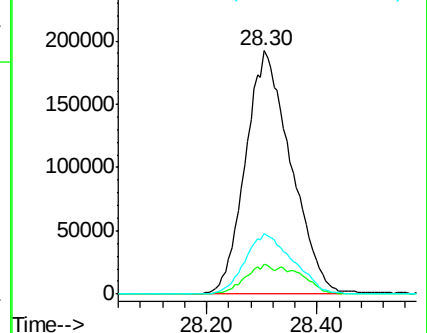
277 26.0 20.2 30.4

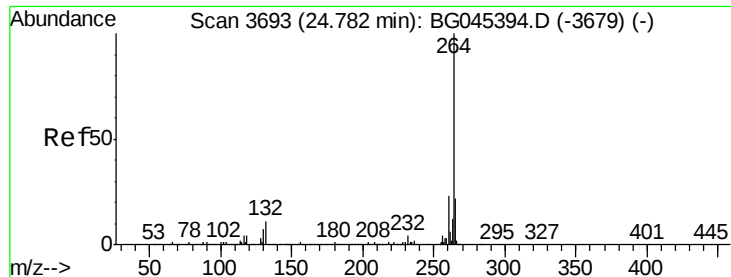


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



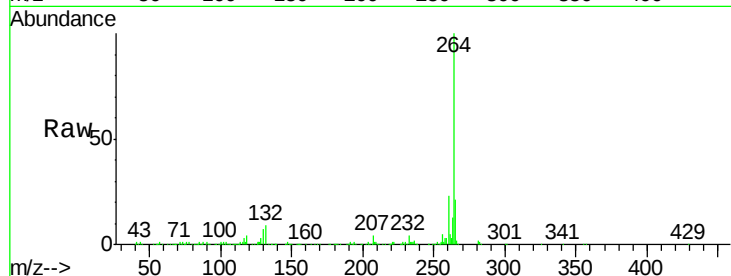


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

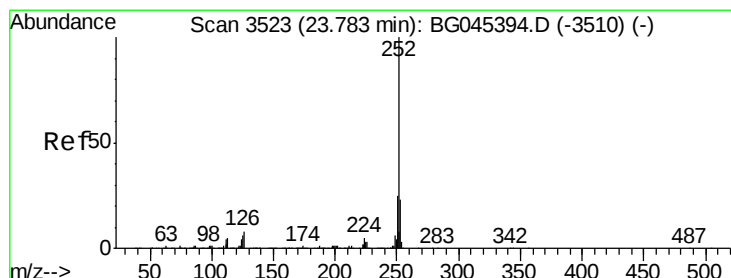
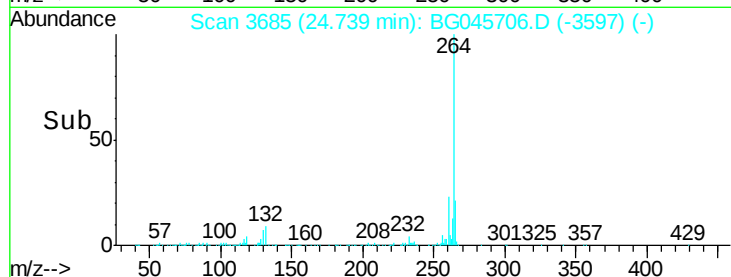
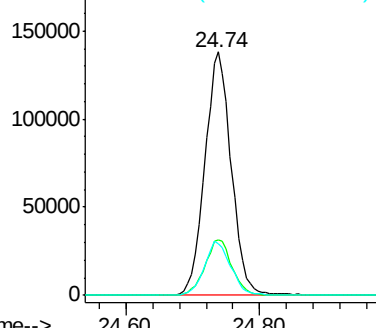
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 377841

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	21.2	17.6	26.4



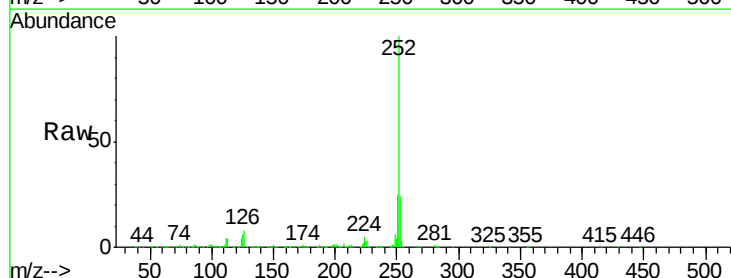
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



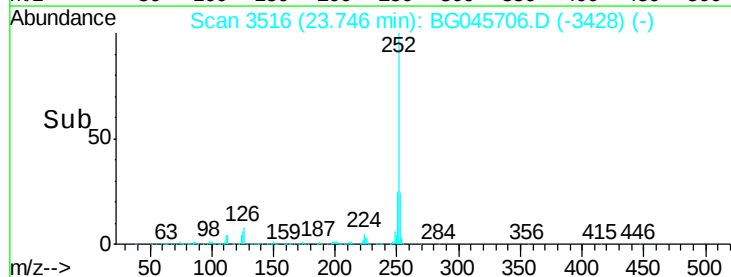
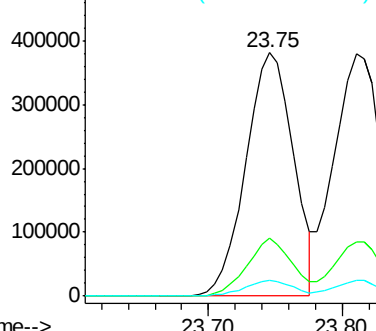
#88
Benzo(b)fluoranthene
Concen: 46.415 ng
RT: 23.75 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Tgt Ion:252 Resp: 940549

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	6.2	5.0	7.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

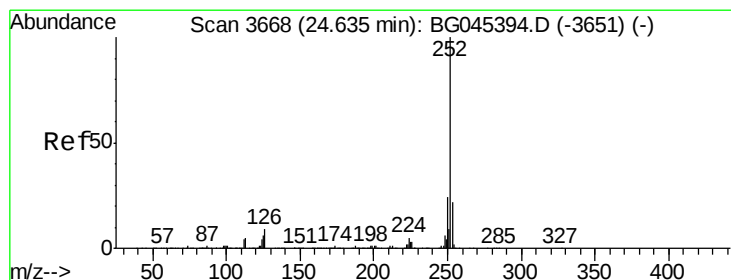
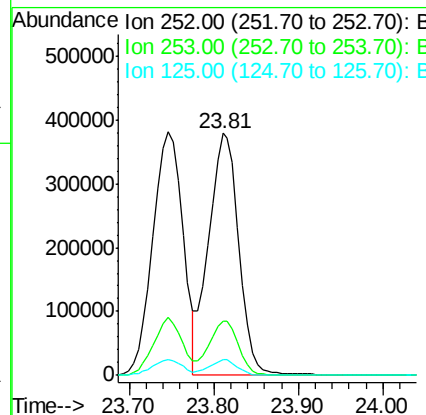
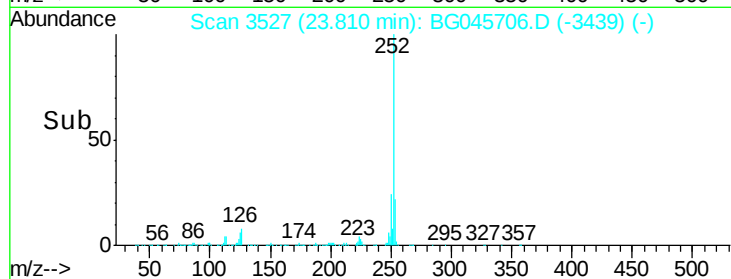
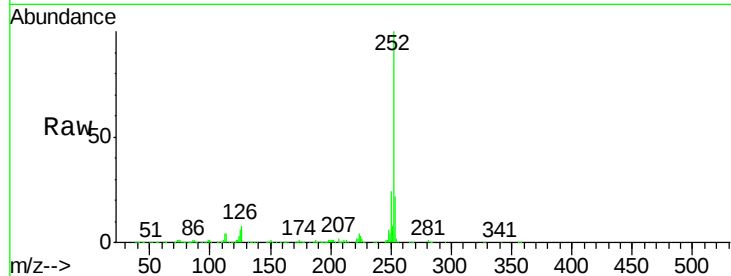




#89
Benzo(k)fluoranthene
Concen: 49.225 ng
RT: 23.81 min Scan# 3527
Delta R.T. -0.01 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

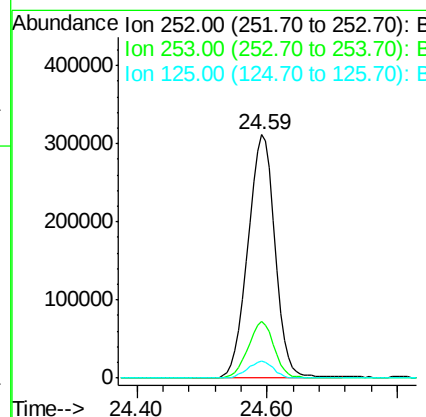
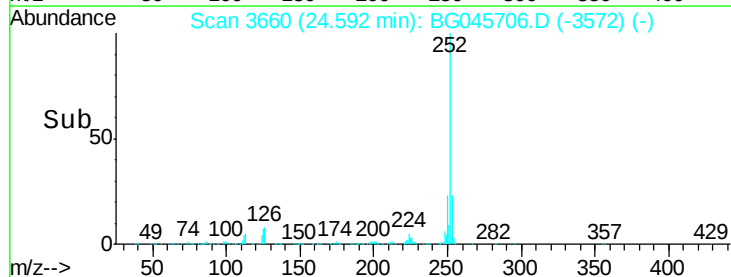
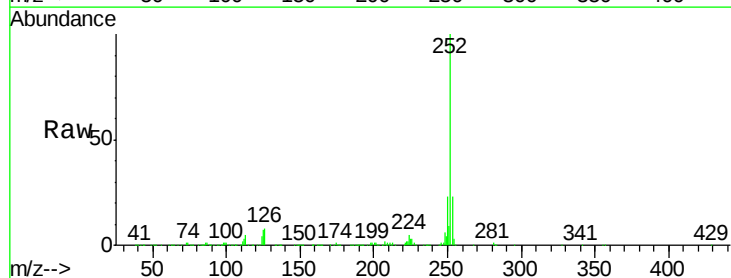
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

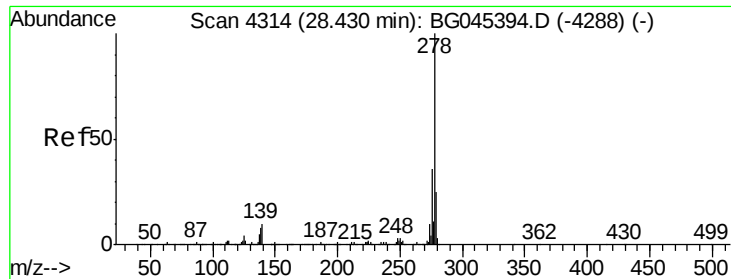
Tot Ion:252 Resp: 937142
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 6.5 5.7 8.5



#90
Benzo(a)pyrene
Concen: 47.651 ng
RT: 24.59 min Scan# 3660
Delta R.T. -0.01 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Tgt Ion:252 Resp: 899295
Ion Ratio Lower Upper
252 100
253 23.5 17.2 25.8
125 6.8 5.0 7.6



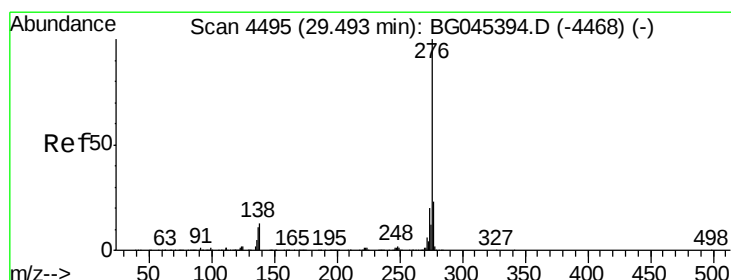
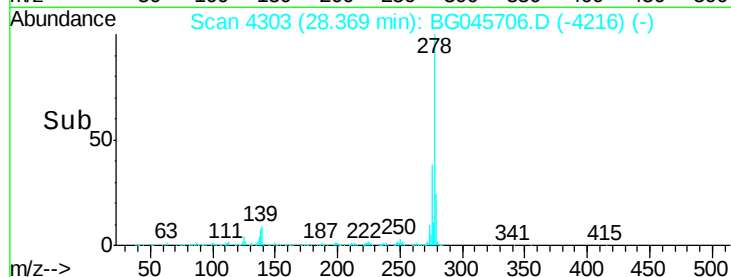
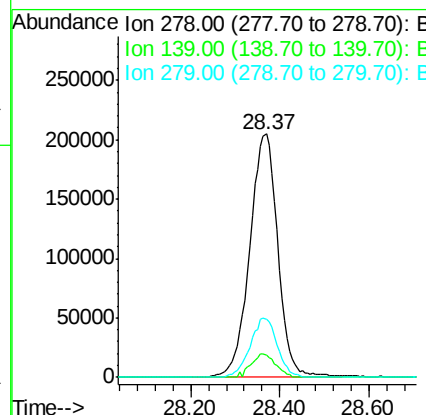
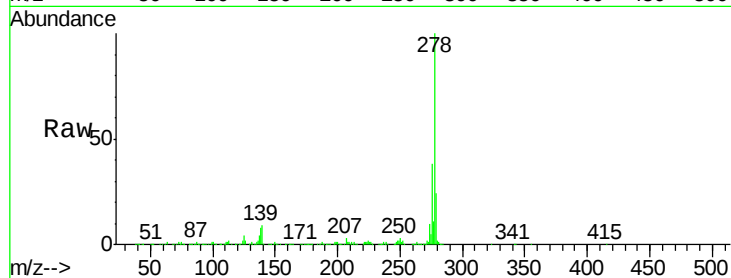


#91
Dibenzo(a,h)anthracene
Concen: 46.556 ng
RT: 28.37 min Scan# 4303
Delta R.T. -0.02 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 882929

Ion	Ratio	Lower	Upper
278	100		
139	9.2	7.8	11.8
279	23.7	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 46.740 ng
RT: 29.41 min Scan# 4481
Delta R.T. -0.03 min
Lab File: BG045706.D
Acq: 11 Jun 2020 3:22

Tgt Ion:276 Resp: 886536

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.1	27.1
138	11.1	10.2	15.4

