

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044119.D
 Acq On : 21 Jan 2020 4:49
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 21 07:36:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	104515	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	444408	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	288934	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	617564	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	522116	20.00	ng	-0.03
87) Perylene-d12	24.67	264	605148	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	508340	89.31	ng	-0.03
7) Phenol-d6	7.11	99	699575	87.92	ng	-0.02
23) Nitrobenzene-d5	9.09	82	648260	78.03	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	276052	91.30	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1390191	87.17	ng	-0.03
79) Terphenyl-d14	19.93	244	1937789	91.20	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.40	88	103201	41.582 ng	99
3) Pyridine	3.80	79	304672	41.554 ng	92
4) n-Nitrosodimethylamine	3.71	42	129365	39.630 ng	98
6) Aniline	7.25	93	423538	40.527 ng	98
8) 2-Chlorophenol	7.50	128	283751	42.462 ng	96
9) Benzaldehyde	7.07	77	173490	34.068 ng	98
10) Phenol	7.13	94	351407	42.866 ng	99
11) bis(2-Chloroethyl)ether	7.35	93	288661	40.792 ng	98
12) 1,3-Dichlorobenzene	7.82	146	325669	41.646 ng	99
13) 1,4-Dichlorobenzene	7.96	146	323910	41.981 ng	99
14) 1,2-Dichlorobenzene	8.29	146	307685	41.546 ng	99
15) Benzyl Alcohol	8.17	79	255755	40.728 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	409659	37.419 ng	99
17) 2-Methylphenol	8.38	107	247059	41.645 ng	97
18) Hexachloroethane	9.02	117	125003	41.636 ng	98
19) n-Nitroso-di-n-propylamine	8.74	70	229960	38.809 ng	97
20) 3+4-Methylphenols	8.71	107	347533	41.993 ng	99
22) Acetophenone	8.75	105	444365	40.220 ng	# 98
24) Nitrobenzene	9.13	77	325185	39.523 ng	100
25) Isophorone	9.66	82	612069	39.272 ng	99
26) 2-Nitrophenol	9.85	139	172813	44.394 ng	98
27) 2,4-Dimethylphenol	9.91	122	241982	41.296 ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	409412	39.403 ng	98
29) 2,4-Dichlorophenol	10.39	162	291816	41.750 ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	316714	40.412 ng	98
31) Naphthalene	10.79	128	899269	41.816 ng	99
32) Benzoic acid	10.07	122	156168	34.719 ng	97
33) 4-Chloroaniline	10.89	127	408403	39.816 ng	99
34) Hexachlorobutadiene	11.08	225	191372	39.995 ng	97
35) Caprolactam	11.67	113	108517	41.705 ng	97
36) 4-Chloro-3-methylphenol	12.02	107	320543	43.079 ng	98
37) 2-Methylnaphthalene	12.40	142	674423	41.655 ng	98
38) 1-Methylnaphthalene	12.61	142	635926	41.442 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	341685	40.347 ng	99

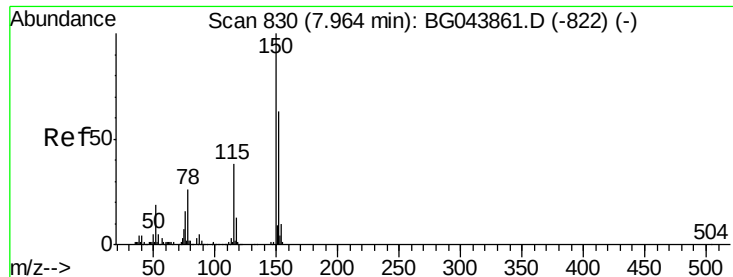
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	167456	38.141	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	239905	41.170	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	249745	41.555	ng	99
46) 1,1'-Biphenyl	13.40	154	866358	41.820	ng	98
47) 2-Chloronaphthalene	13.44	162	690333	41.239	ng	98
48) 2-Nitroaniline	13.64	65	220153	40.884	ng	97
49) Acenaphthylene	14.29	152	1037307	43.113	ng	98
50) Dimethylphthalate	14.02	163	873957	42.600	ng	98
51) 2,6-Dinitrotoluene	14.13	165	193869	41.809	ng	98
52) Acenaphthene	14.63	154	665595	39.447	ng	98
53) 3-Nitroaniline	14.47	138	218261	41.450	ng	97
54) 2,4-Dinitrophenol	14.67	184	107141	47.729	ng	96
55) Dibenzofuran	14.97	168	999914	43.048	ng	99
56) 4-Nitrophenol	14.79	139	172931	42.856	ng	93
57) 2,4-Dinitrotoluene	14.93	165	278506	44.141	ng	99
58) Fluorene	15.61	166	794682	43.165	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	217589	42.104	ng	97
60) Diethylphthalate	15.39	149	888996	43.325	ng	99
61) 4-Chlorophenyl-phenylether	15.61	204	415415	41.555	ng	99
62) 4-Nitroaniline	15.63	138	225478	43.362	ng	97
63) Azobenzene	15.90	77	809720	42.550	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	145676	45.986	ng	99
66) n-Nitrosodiphenylamine	15.83	169	741068	40.748	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	278124	40.043	ng	99
68) Hexachlorobenzene	16.63	284	303437	40.544	ng	99
69) Atrazine	16.77	200	263170	44.518	ng	100
70) Pentachlorophenol	16.97	266	154888	37.542	ng	97
71) Phenanthrene	17.35	178	1260866	42.566	ng	99
72) Anthracene	17.44	178	1247772	42.623	ng	99
73) Carbazole	17.71	167	1156761	42.777	ng	98
74) Di-n-butylphthalate	18.28	149	1446667	41.902	ng	97
75) Fluoranthene	19.36	202	1429384	42.194	ng	97
77) Benzidine	19.54	184	554043	42.217	ng	98
78) Pyrene	19.72	202	1426419	41.854	ng	97
80) Butylbenzylphthalate	20.61	149	697211	42.970	ng	98
81) Benzo(a)anthracene	21.54	228	1374592	42.459	ng	98
82) 3,3'-Dichlorobenzidine	21.46	252	524235	40.986	ng	99
83) Chrysene	21.61	228	1324247	43.047	ng	97
84) Bis(2-ethylhexyl)phthalate	21.47	149	945654	42.239	ng	99
85) Di-n-octyl phthalate	22.64	149	1648359	43.795	ng	98
86) Indeno(1,2,3-cd)pyrene	28.20	276	1718293	41.101	ng	100
88) Benzo(b)fluoranthene	23.69	252	1479465	41.355	ng	98
89) Benzo(k)fluoranthene	23.76	252	1394918	41.003	ng	98
90) Benzo(a)pyrene	24.52	252	1390005	41.167	ng	99
91) Dibenzo(a,h)anthracene	28.26	278	1382337	40.765	ng	98
92) Benzo(g,h,i)perylene	29.30	276	1387027	41.178	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.03 min

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SSTDCCC040

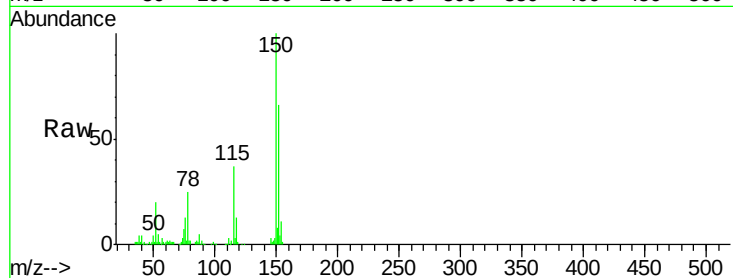
Tot Ion:152 Resp: 104515

Ion Ratio Lower Upper

152 100

150 151.1 127.0 190.4

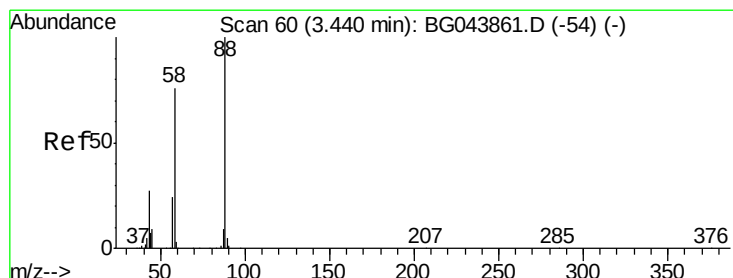
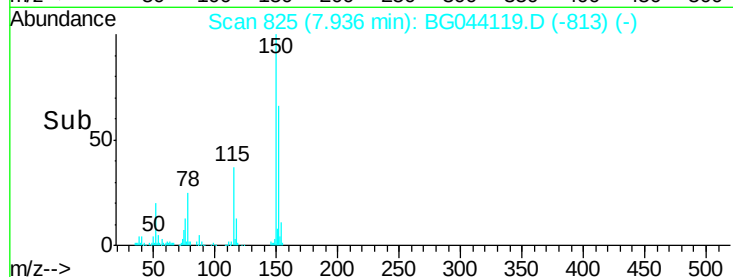
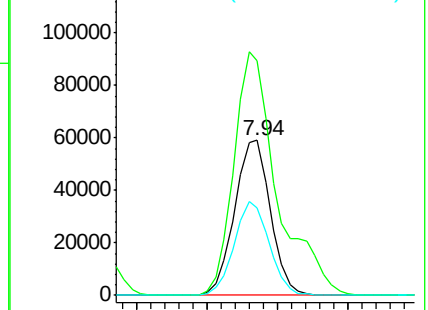
115 56.2 47.8 71.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.582 ng

RT: 3.40 min Scan# 53

Delta R.T. -0.04 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

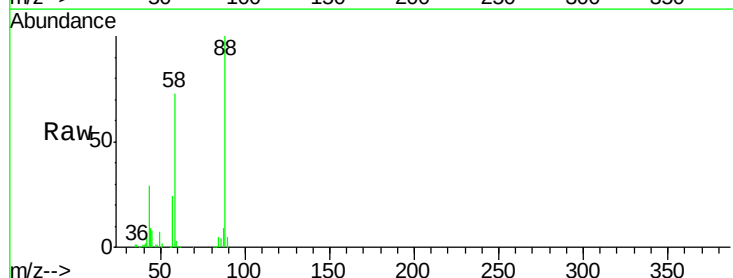
Tgt Ion: 88 Resp: 103201

Ion Ratio Lower Upper

88 100

58 74.0 59.8 89.8

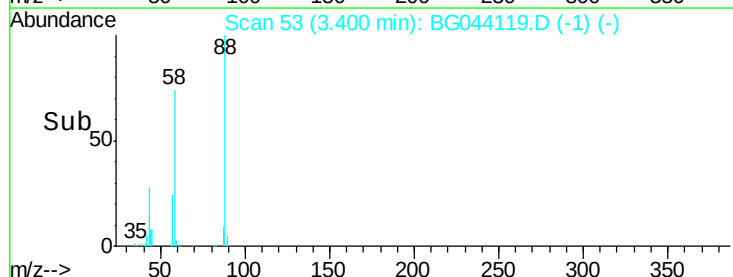
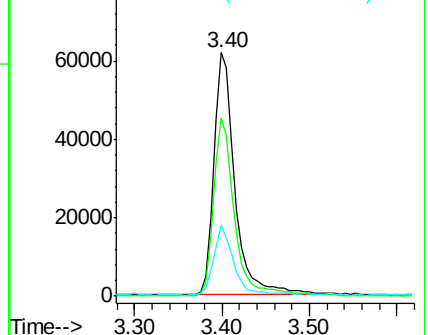
43 27.8 22.9 34.3

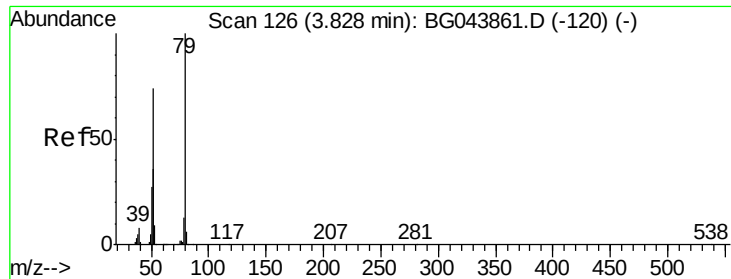


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.554 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

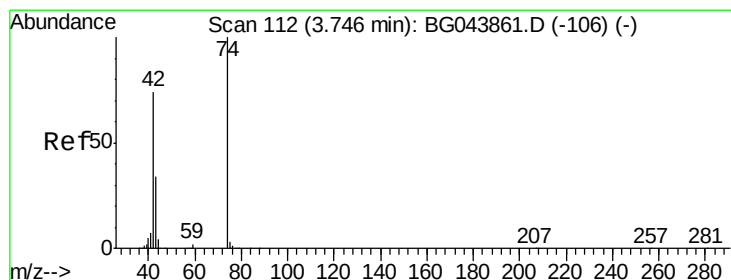
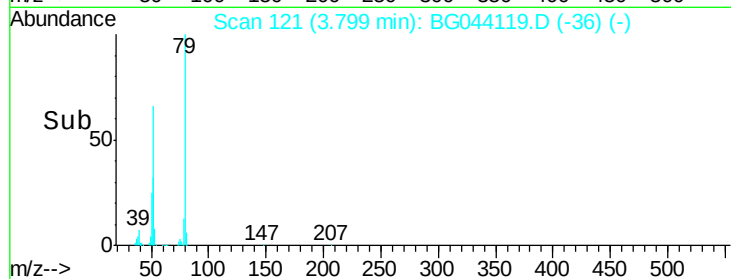
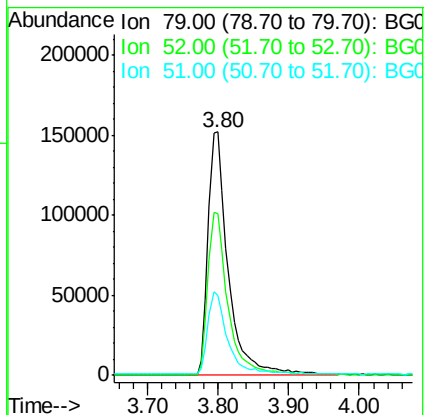
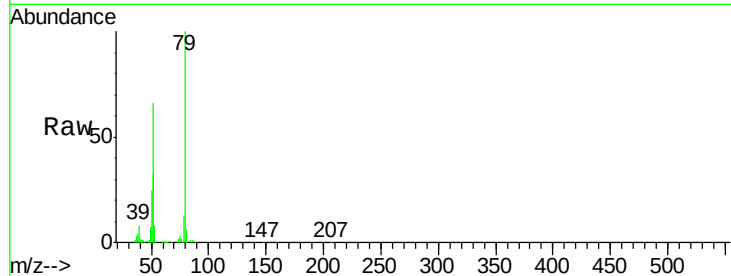
Tot Ion: 79 Resp: 304672

Ion Ratio Lower Upper

79 100

52 66.2 58.9 88.3

51 32.8 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 39.630 ng

RT: 3.71 min Scan# 106

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

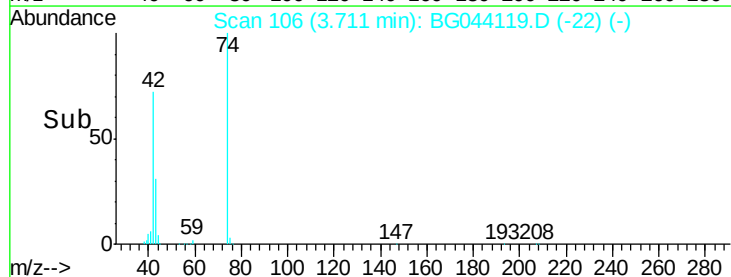
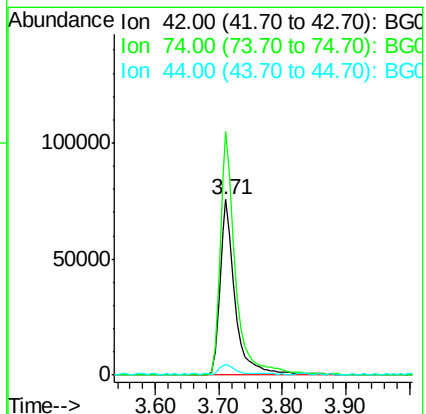
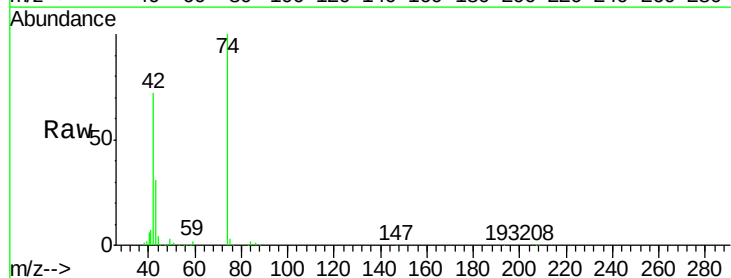
Tgt Ion: 42 Resp: 129365

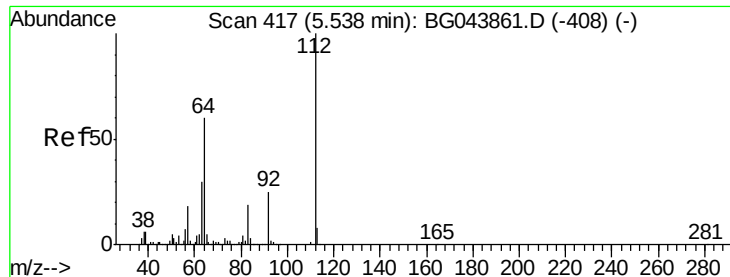
Ion Ratio Lower Upper

42 100

74 138.8 108.6 162.8

44 6.2 5.0 7.6





#5

2-Fluorophenol

Concen: 89.305 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

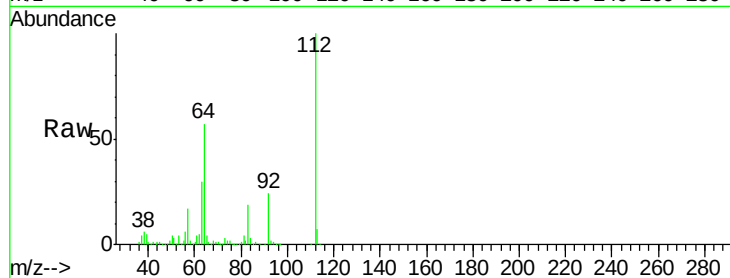
Tot Ion:112 Resp: 508340

Ion Ratio Lower Upper

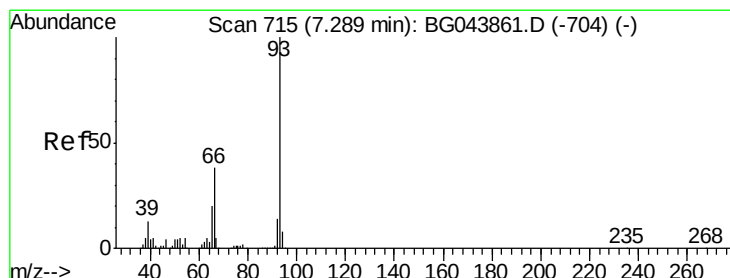
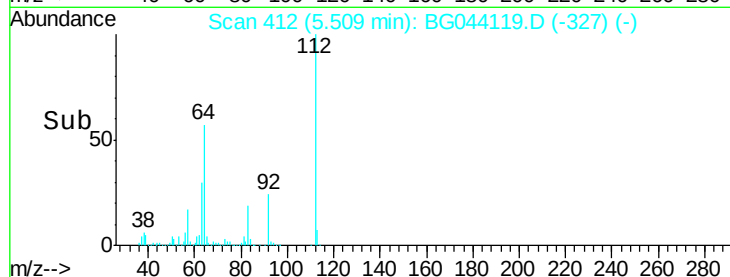
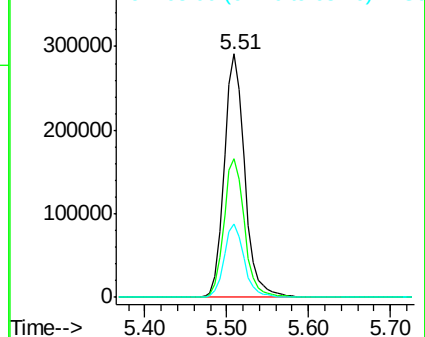
112 100

64 56.9 47.8 71.6

63 30.1 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.527 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

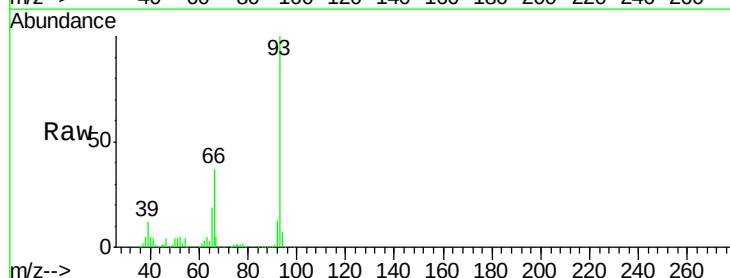
Tgt Ion: 93 Resp: 423538

Ion Ratio Lower Upper

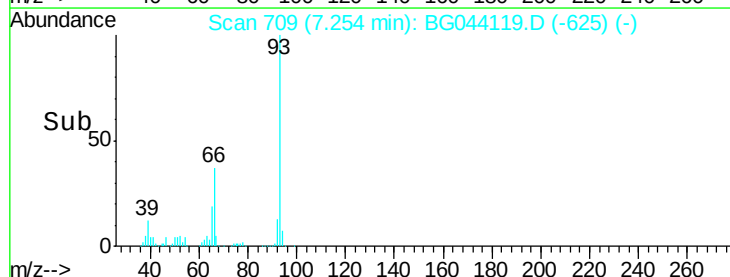
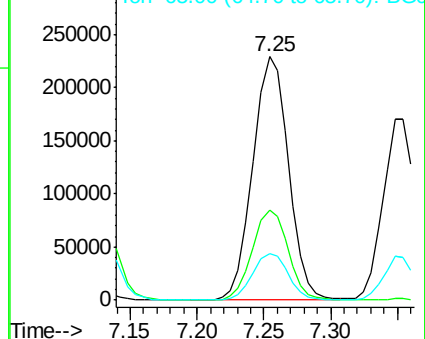
93 100

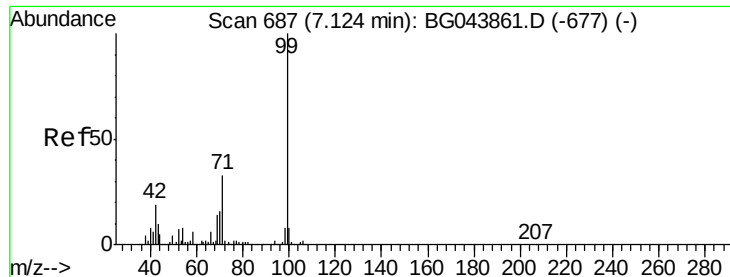
66 37.1 30.8 46.2

65 19.2 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 87.924 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

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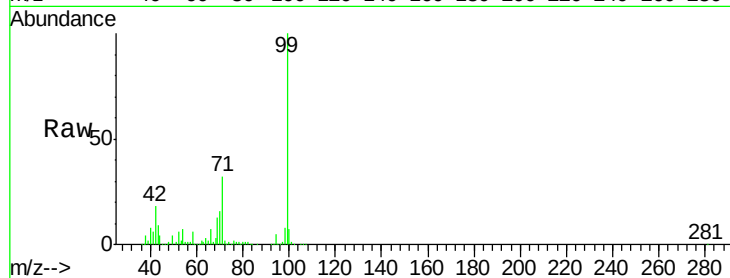
Tot Ion: 99 Resp: 699575

Ion Ratio Lower Upper

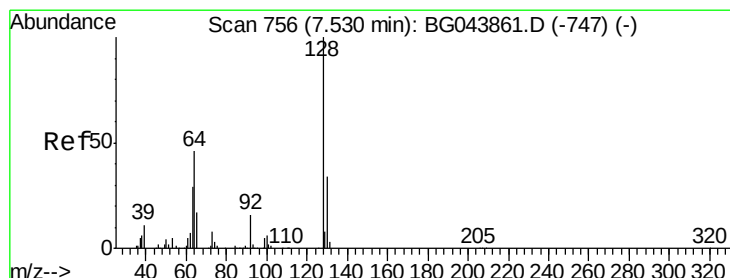
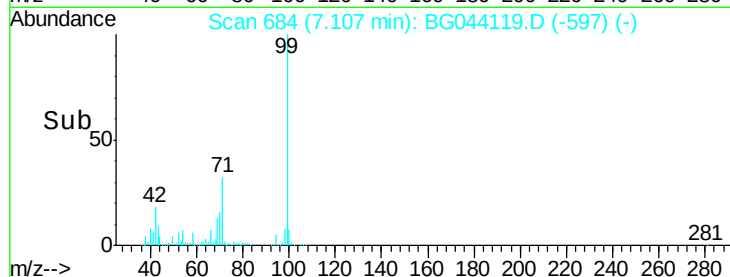
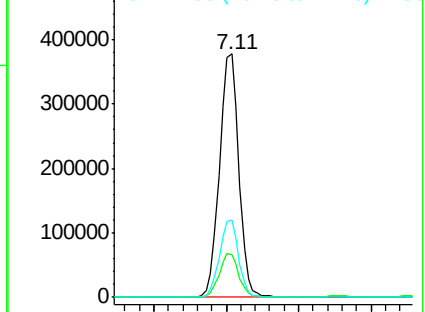
99 100

42 17.6 14.9 22.3

71 31.8 26.4 39.6



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



#8

2-Chlorophenol

Concen: 42.462 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

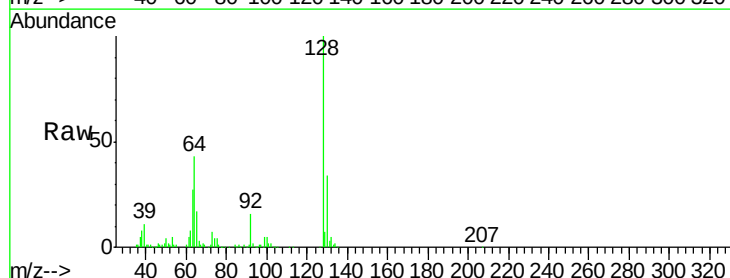
Tgt Ion: 128 Resp: 283751

Ion Ratio Lower Upper

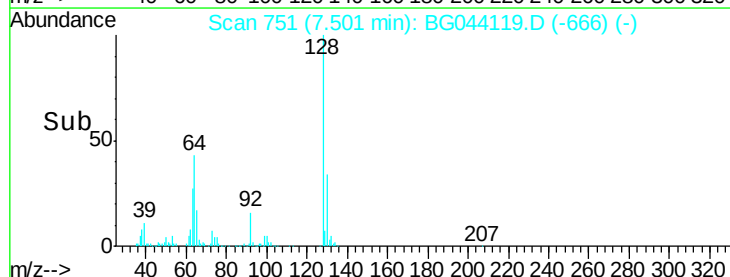
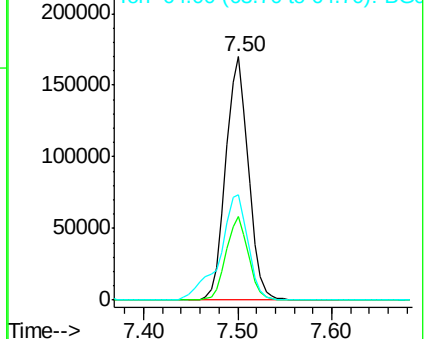
128 100

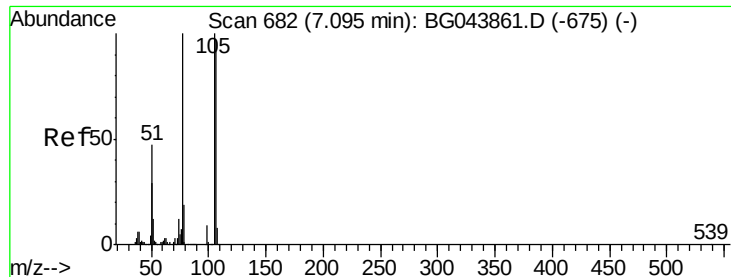
130 34.1 13.8 53.8

64 43.2 27.6 67.6



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





#9

Benzaldehyde

Concen: 34.068 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Instrument :

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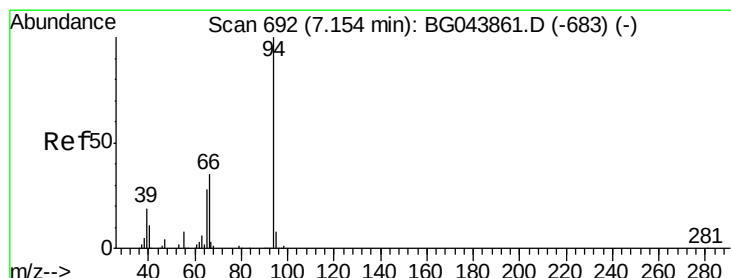
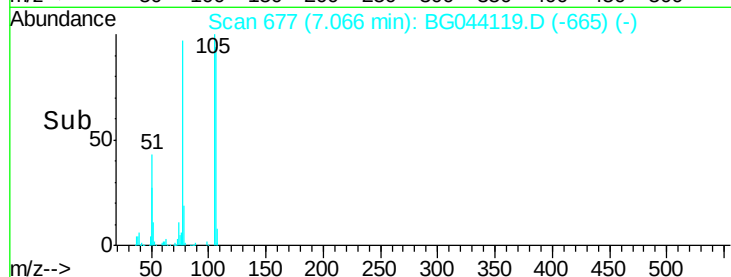
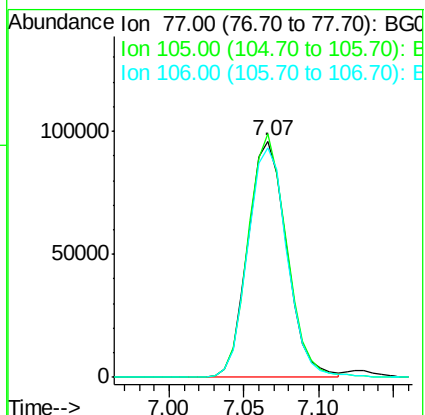
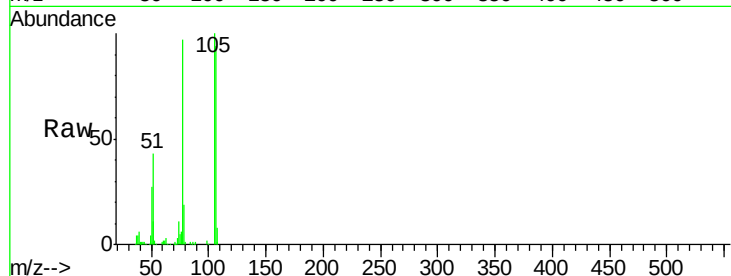
Tot Ion: 77 Resp: 173490

Ion Ratio Lower Upper

77 100

105 103.2 80.2 120.2

106 97.1 77.2 117.2



#10

Phenol

Concen: 42.866 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

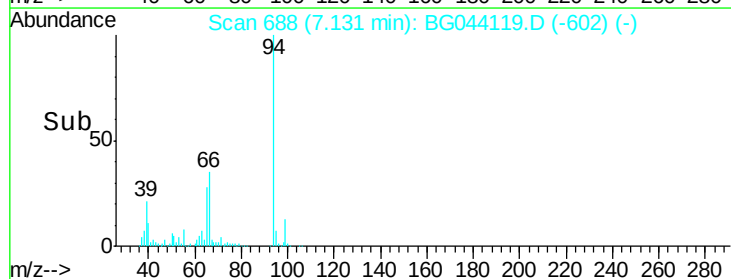
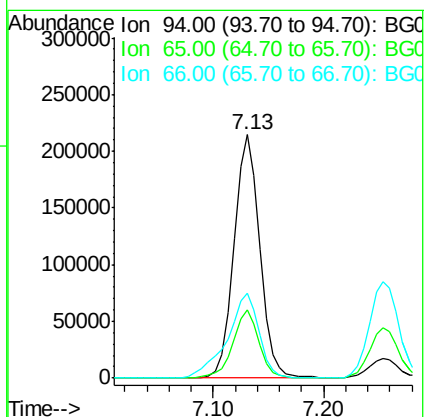
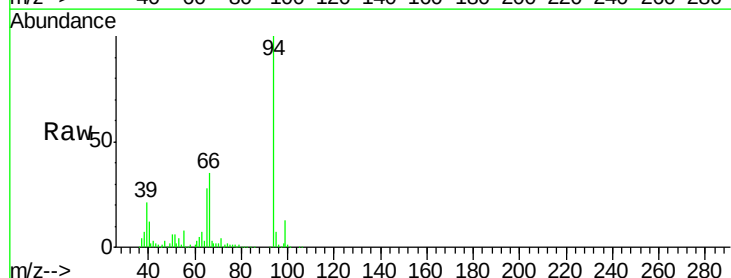
Tgt Ion: 94 Resp: 351407

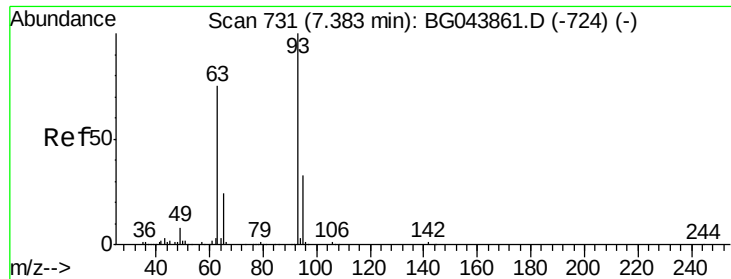
Ion Ratio Lower Upper

94 100

65 28.0 8.1 48.1

66 34.8 15.6 55.6

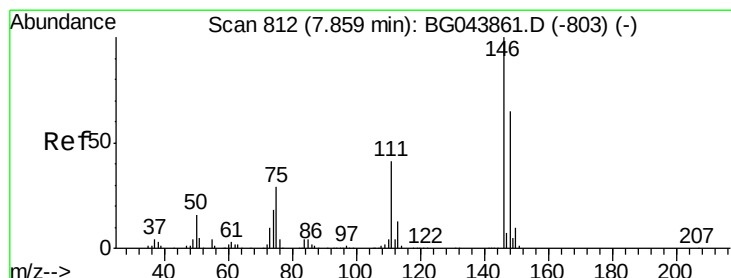
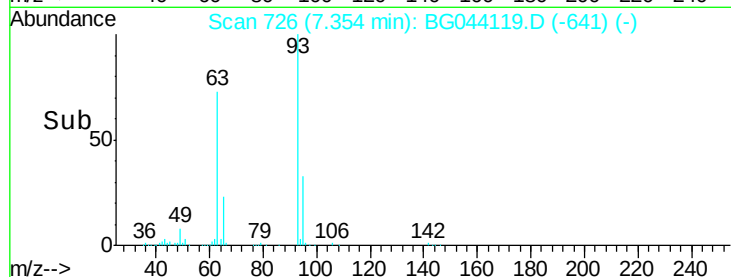
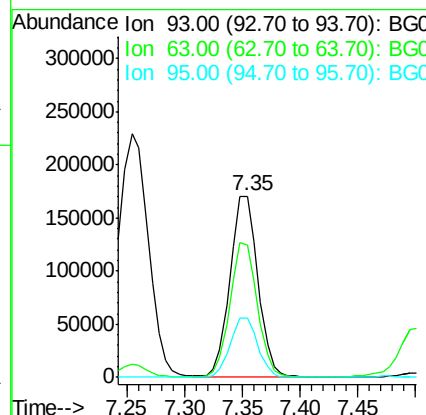
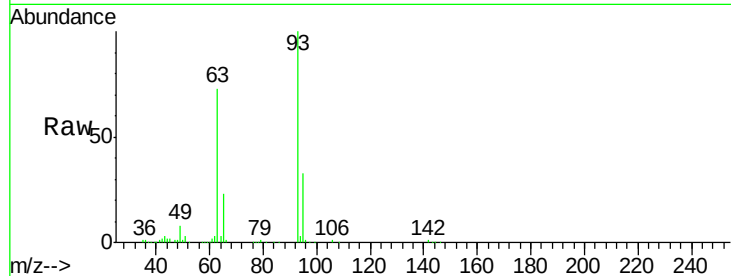




#11
bis(2-Chloroethyl)ether
Concen: 40.792 ng
RT: 7.35 min Scan# 726
Delta R.T. -0.03 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

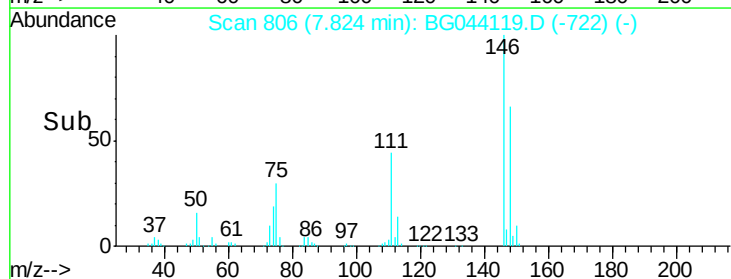
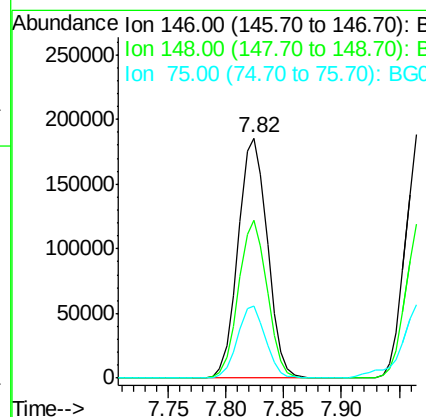
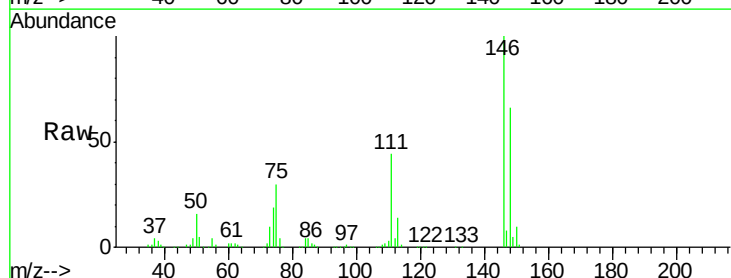
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

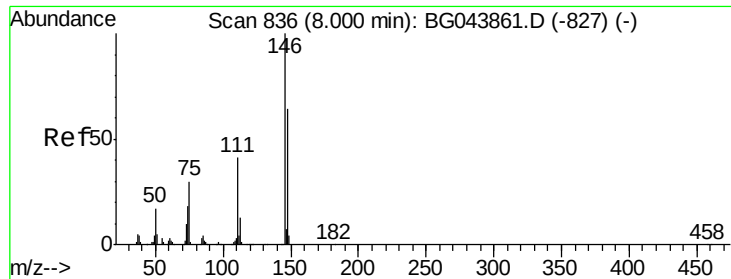
Tot Ion:	93	Resp:	288661
Ion	Ratio	Lower	Upper
93	100		
63	72.7	55.0	95.0
95	32.7	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 41.646 ng
RT: 7.82 min Scan# 806
Delta R.T. -0.03 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Tgt Ion:	146	Resp:	325669
Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.1	78.1
75	30.1	23.0	34.4

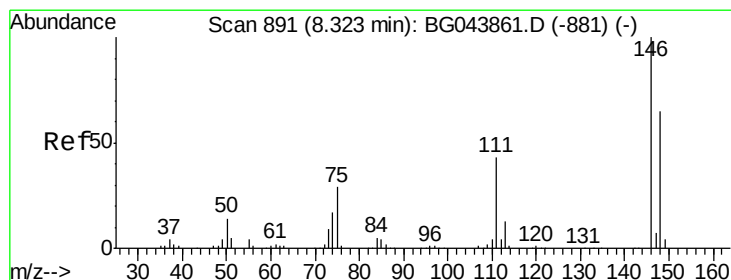
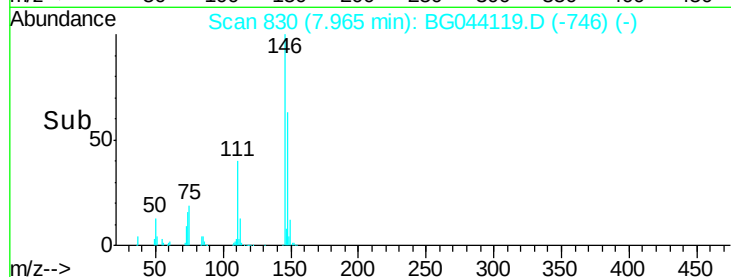
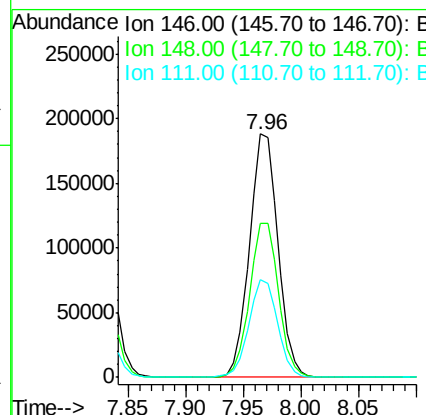
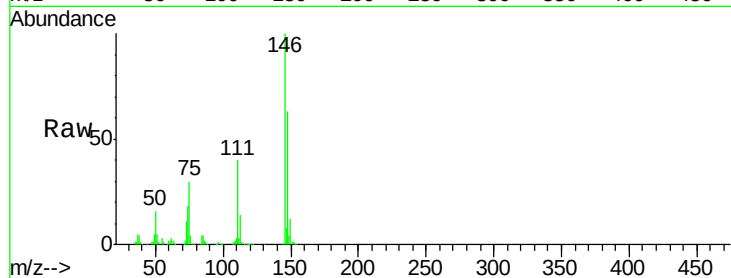




#13
 1,4-Dichlorobenzene
 Concen: 41.981 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

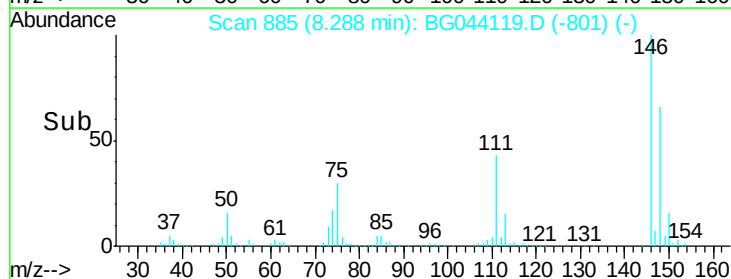
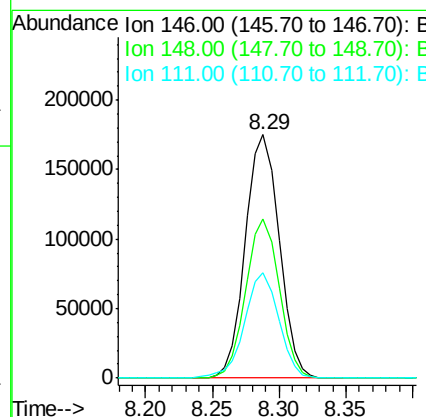
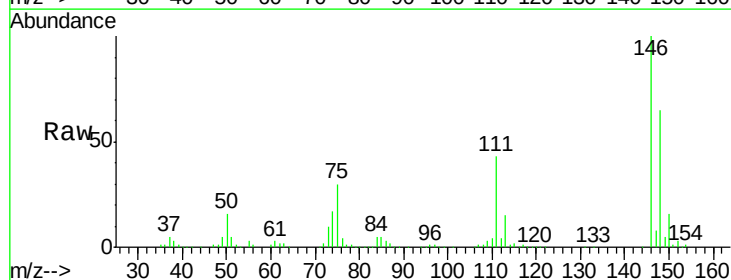
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

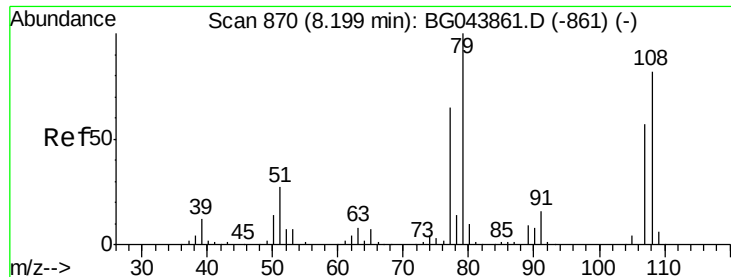
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.2	76.8
111	40.1	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 41.546 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.7	77.5
111	43.3	34.4	51.6

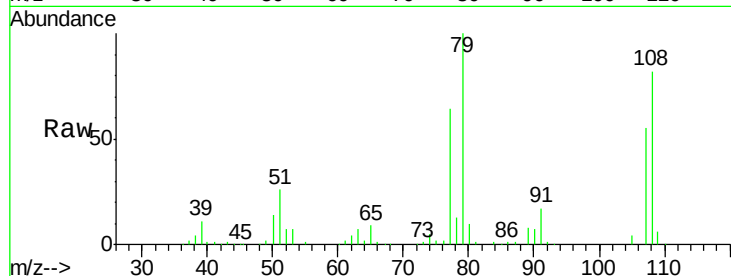




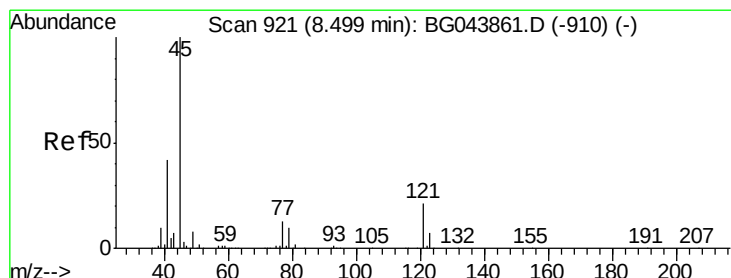
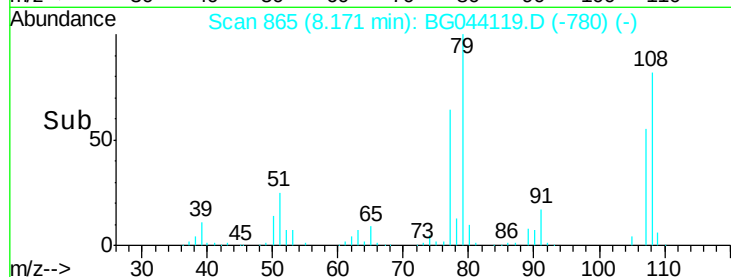
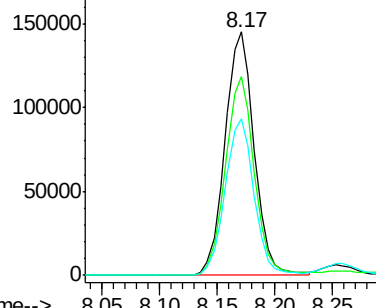
#15
Benzyl Alcohol
Concen: 40.728 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.03 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 255755
Ion Ratio Lower Upper
79 100
108 81.9 65.6 98.4
77 64.2 52.0 78.0

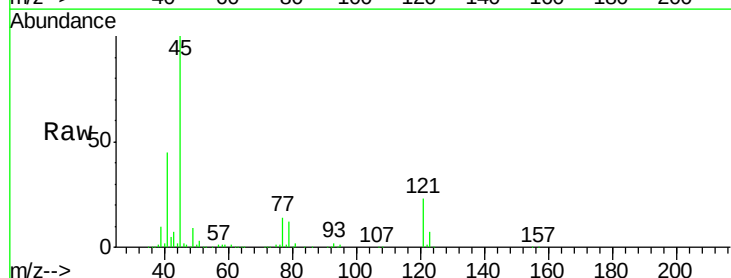


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

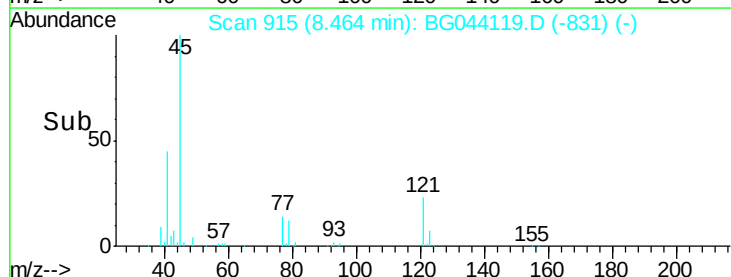
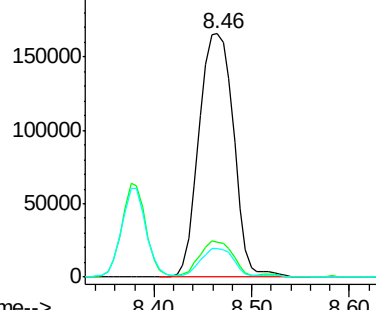


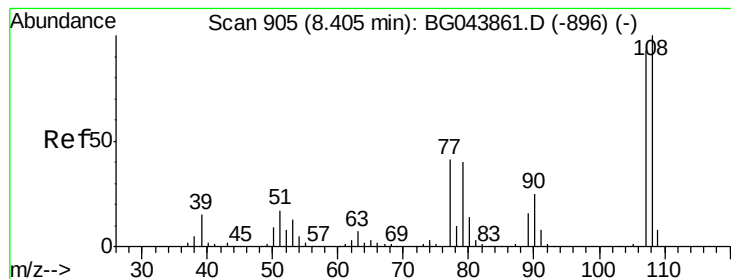
#16
2,2'-oxybis(1-chloropropane)
Concen: 37.419 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.03 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Tgt Ion: 45 Resp: 409659
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.8
79 11.6 0.0 31.0



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: 41.645 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 247059

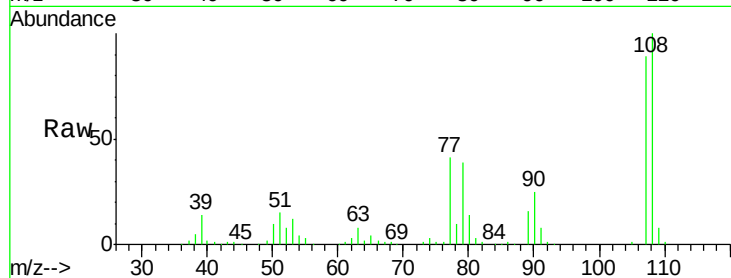
Ion Ratio Lower Upper

107 100

108 112.5 86.1 129.1

77 46.1 35.4 53.0

79 43.9 34.8 52.2



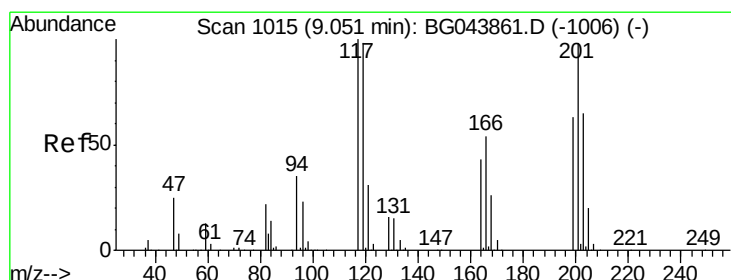
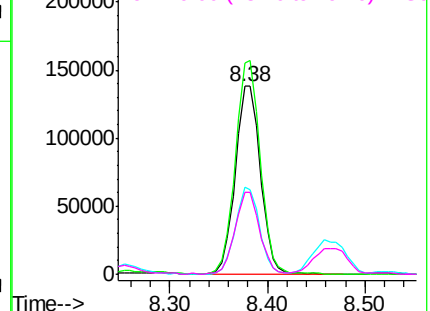
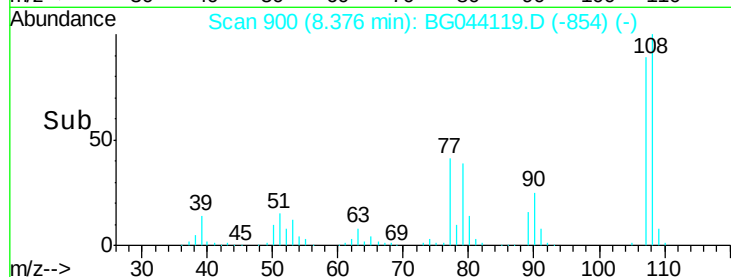
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.636 ng

RT: 9.02 min Scan# 1009

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

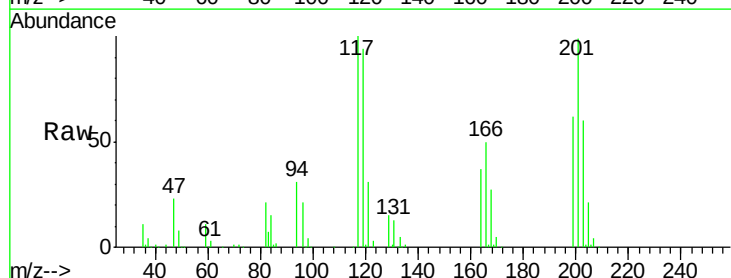
Tgt Ion:117 Resp: 125003

Ion Ratio Lower Upper

117 100

119 93.7 78.1 117.1

201 99.1 78.6 117.8

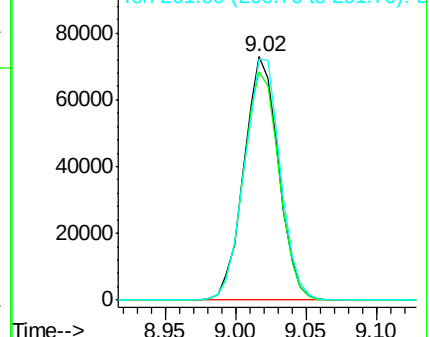
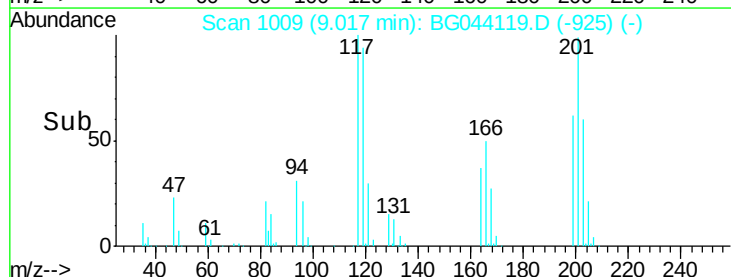


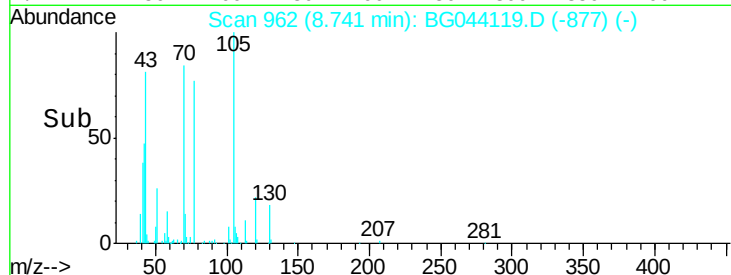
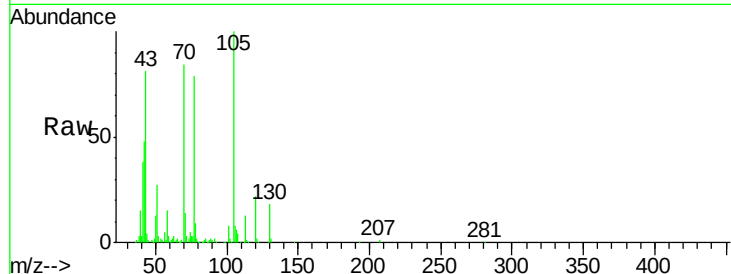
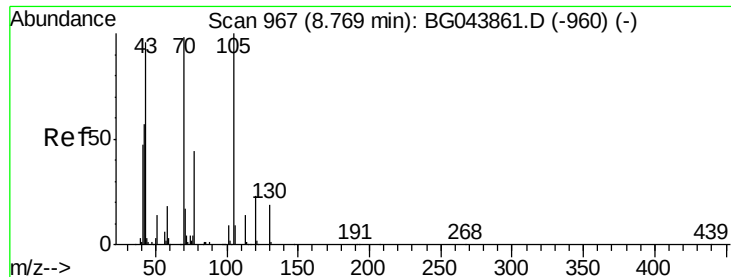
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

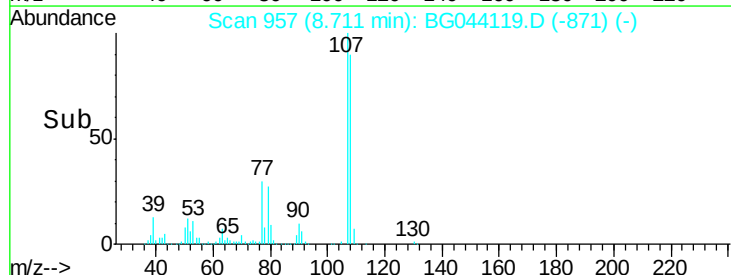
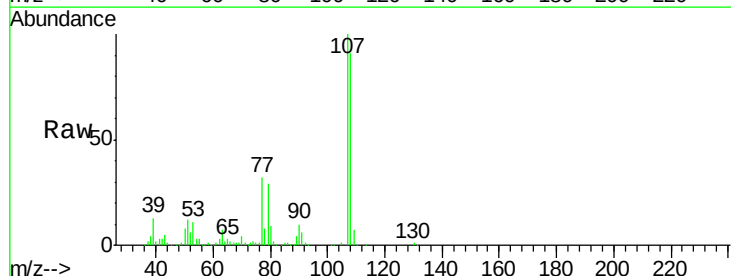
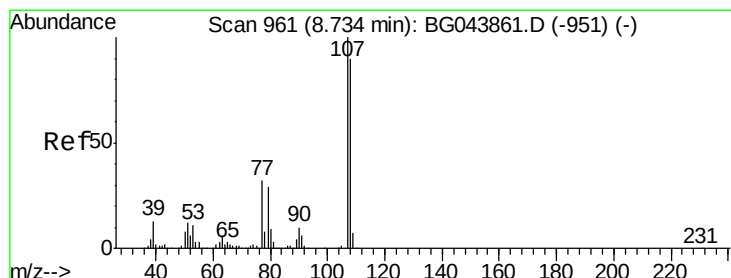
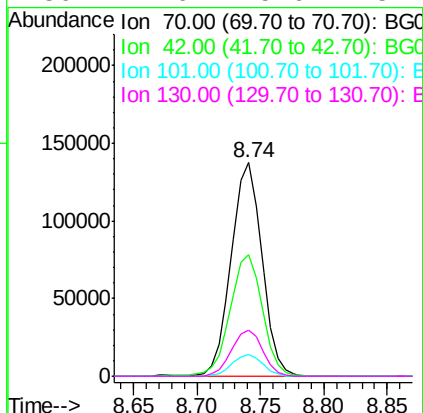




#19
n-Nitroso-di-n-propylamine
Concen: 38.809 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.03 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

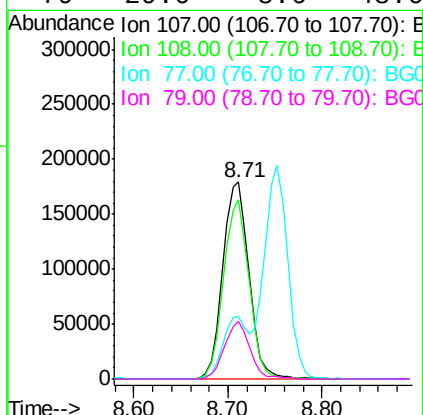
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

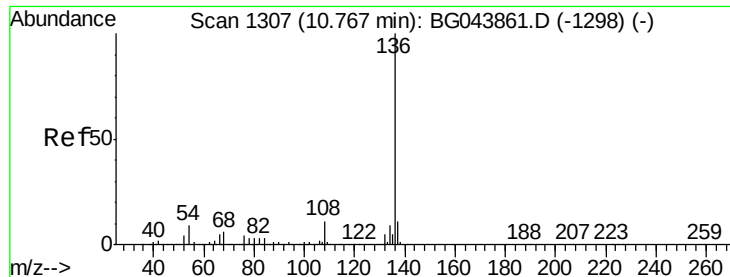
Tot Ion:	70	Resp:	229960
Ion	Ratio	Lower	Upper
70	100		
42	57.2	47.0	70.4
101	10.0	7.2	10.8
130	21.6	15.6	23.4



#20
3+4-Methylphenols
Concen: 41.993 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.02 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Tgt Ion:	107	Resp:	347533
Ion	Ratio	Lower	Upper
107	100		
108	90.8	70.3	110.3
77	31.6	12.4	52.4
79	29.0	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 444408

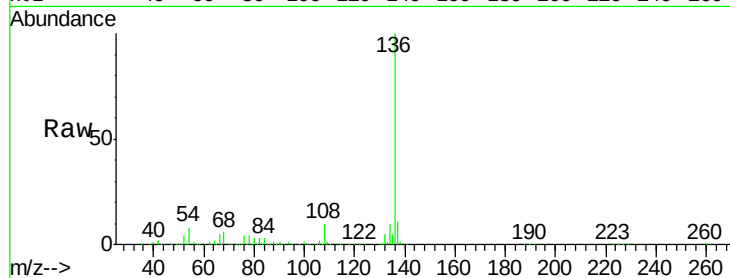
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 7.9 7.0 10.4

68 5.9 4.9 7.3

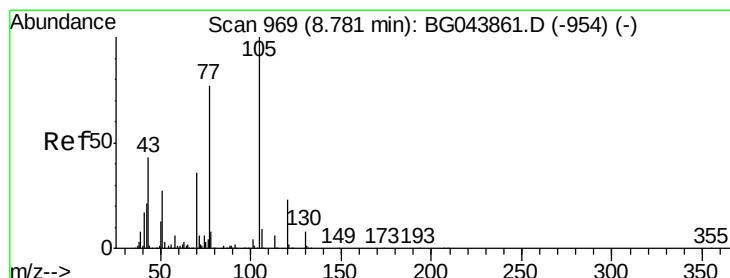
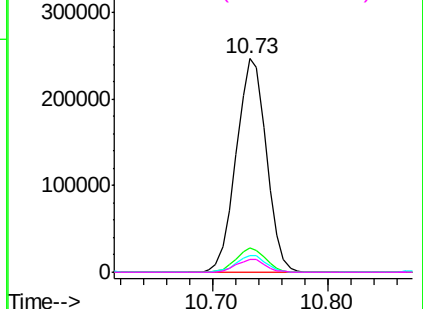
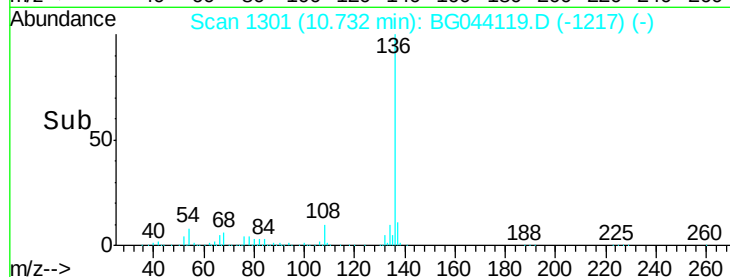


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.220 ng

RT: 8.75 min Scan# 964

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Tgt Ion:105 Resp: 444365

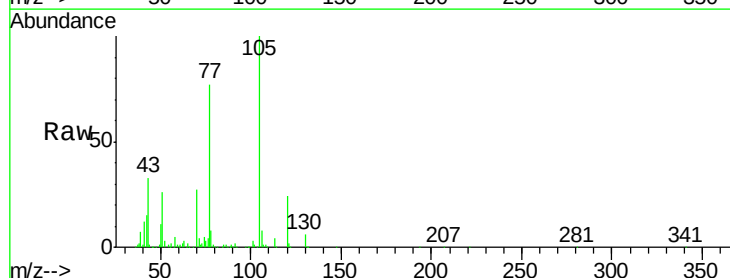
Ion Ratio Lower Upper

105 100

71 4.4 4.8 7.2#

51 25.7 21.4 32.0

120 23.5 18.6 28.0

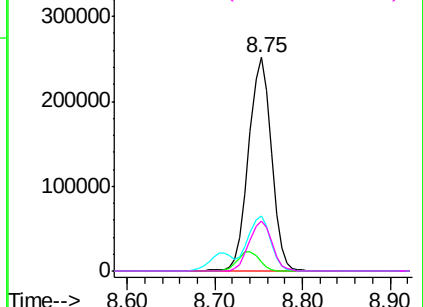
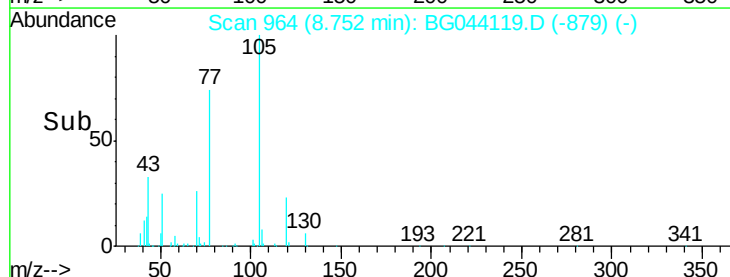


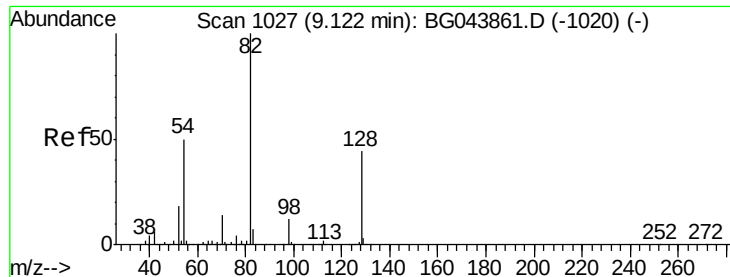
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

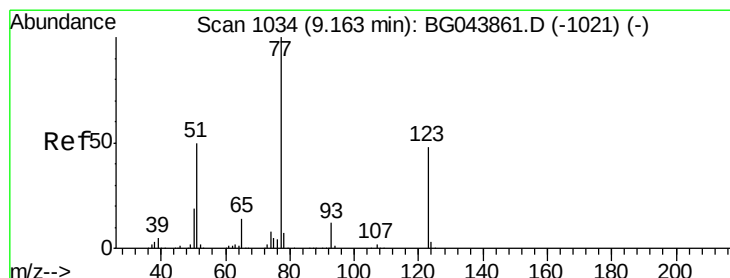
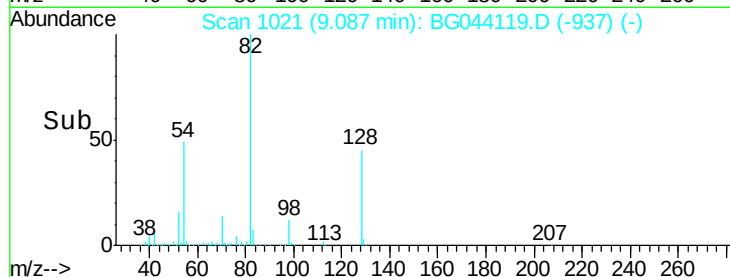
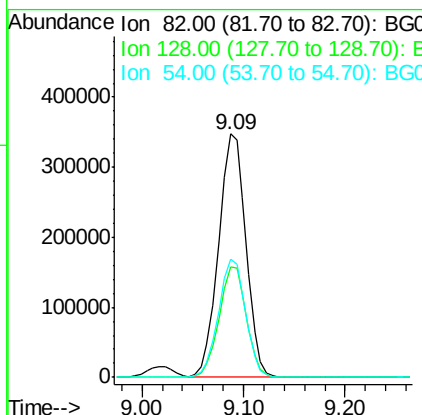
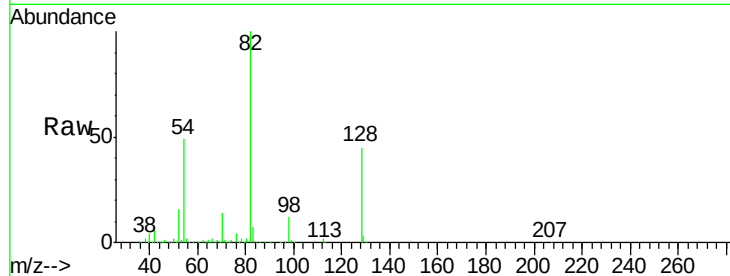




#23
 Nitrobenzene-d5
 Concen: 78.035 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.03 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

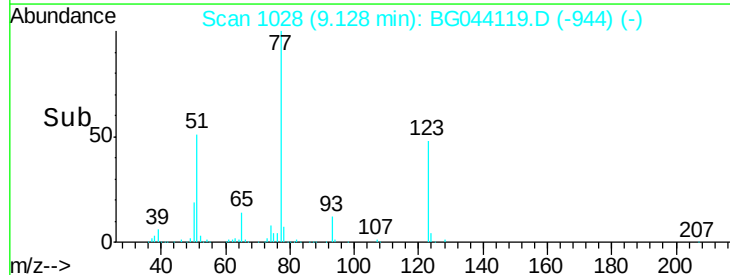
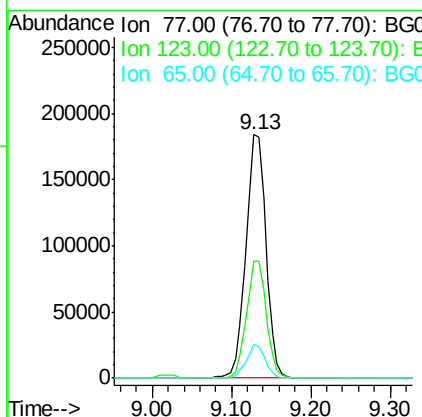
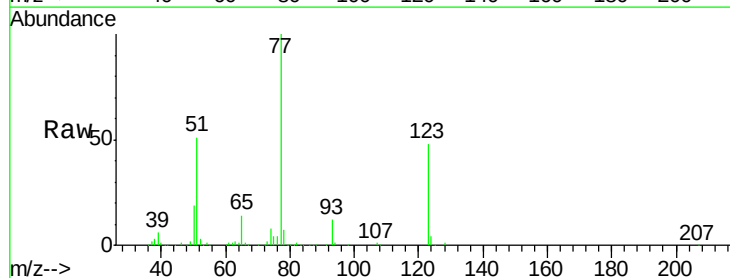
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

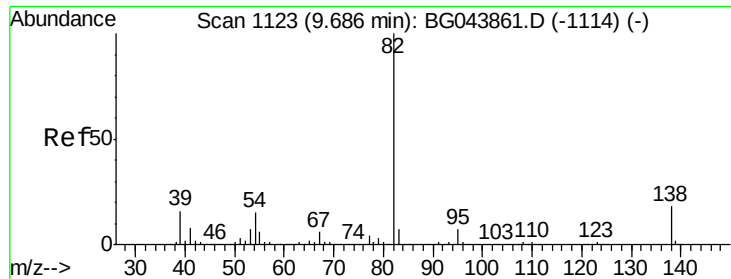
Tot Ion	82	Resp	648260
Ion Ratio	Lower	Upper	
82	100		
128	45.3	35.1	52.7
54	48.7	40.1	60.1



#24
 Nitrobenzene
 Concen: 39.523 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.03 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

Tgt Ion	77	Resp	325185
Ion Ratio	Lower	Upper	
77	100		
123	48.2	38.7	58.1
65	13.7	11.1	16.7





#25

Isophorone

Concen: 39.272 ng

RT: 9.66 min Scan# 1118

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

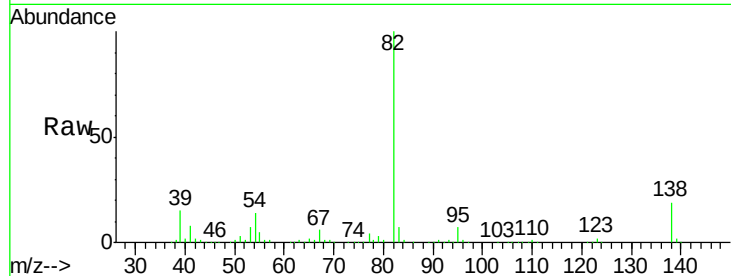
Tot Ion: 82 Resp: 612069

Ion Ratio Lower Upper

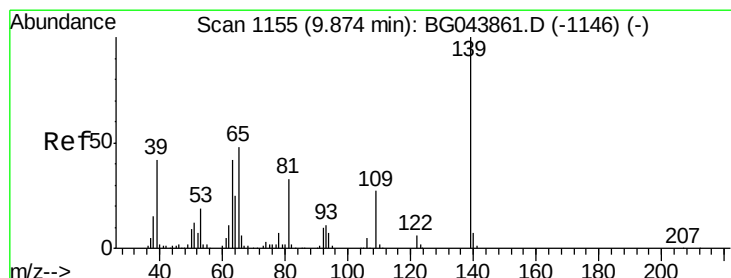
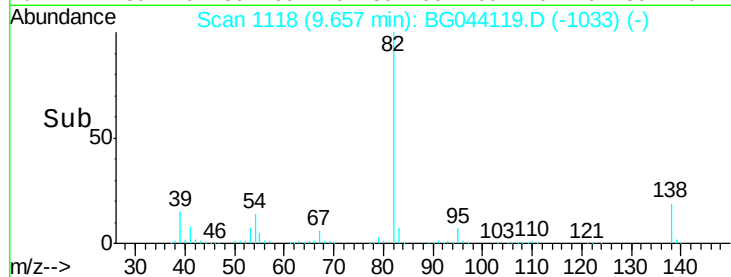
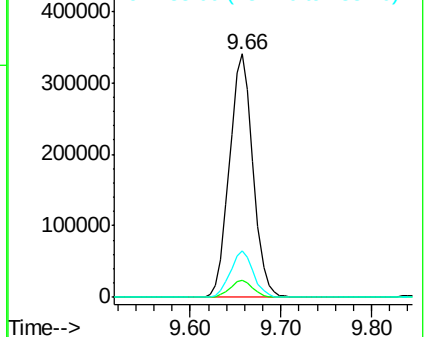
82 100

95 6.9 5.8 8.6

138 18.9 14.6 22.0



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



#26

2-Nitrophenol

Concen: 44.394 ng

RT: 9.85 min Scan# 1150

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

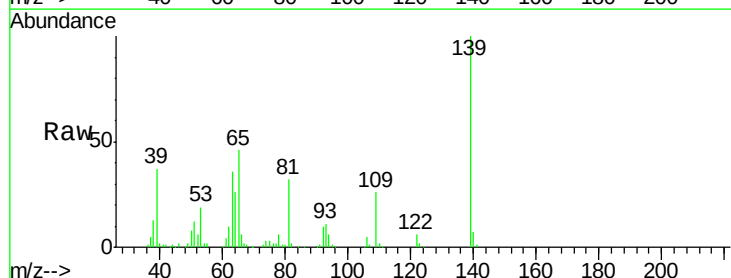
Tgt Ion: 139 Resp: 172813

Ion Ratio Lower Upper

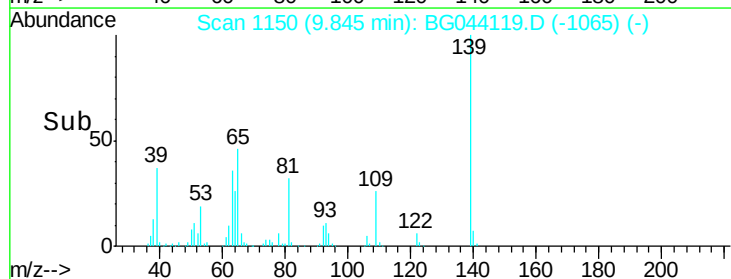
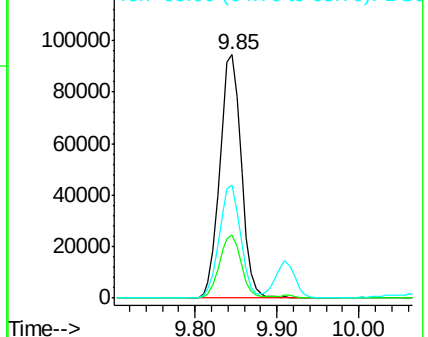
139 100

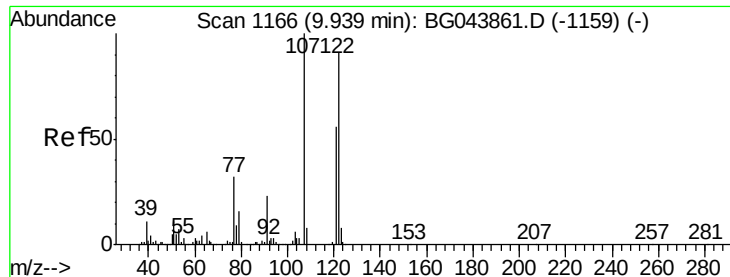
109 26.2 21.3 31.9

65 46.3 38.6 57.8



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

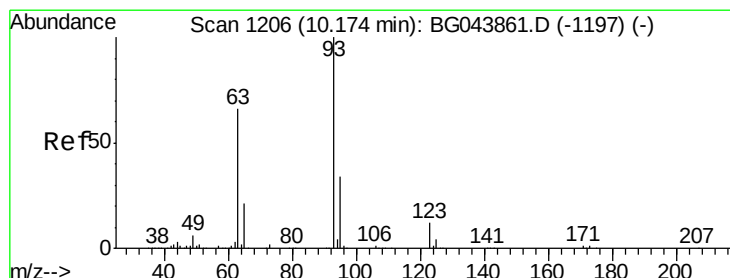
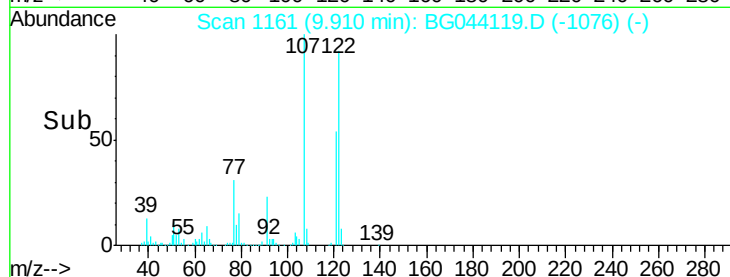
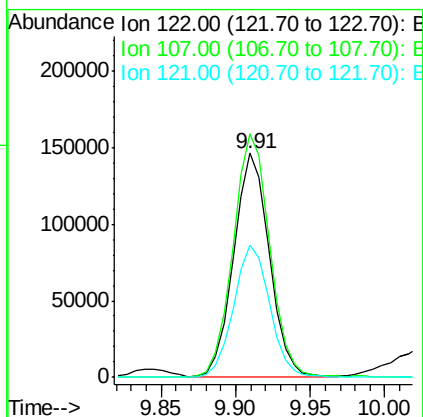
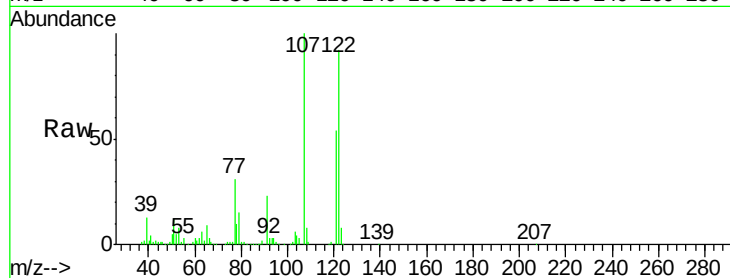




#27
2,4-Dimethylphenol
Concen: 41.296 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

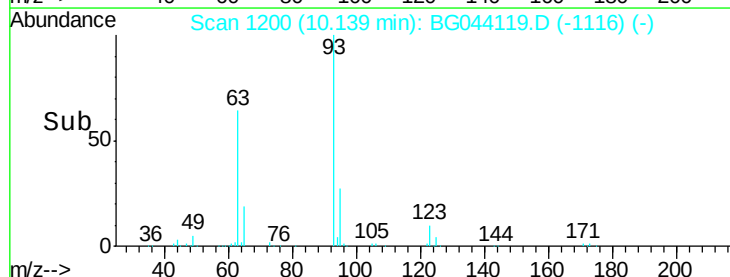
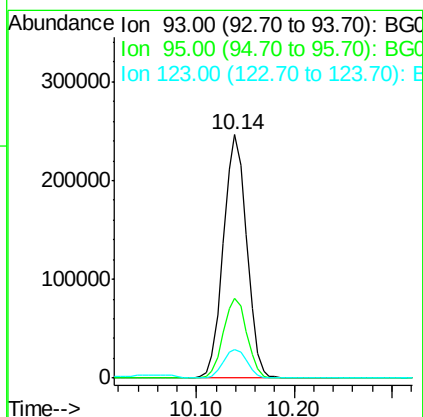
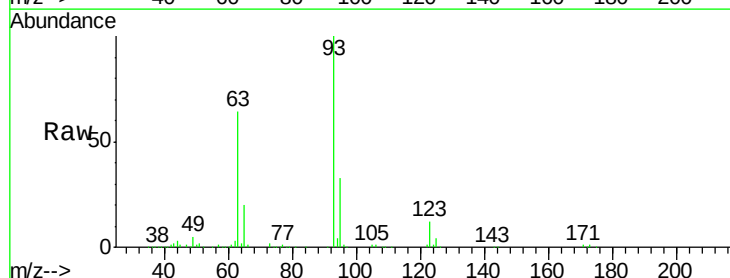
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

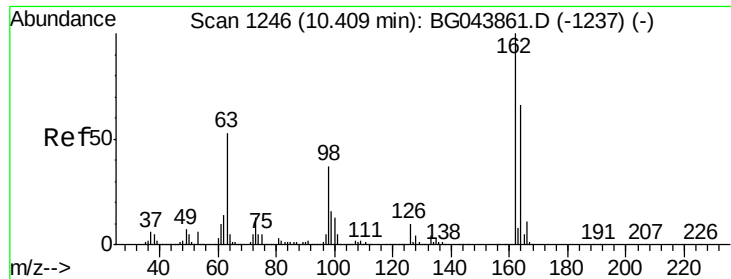
Tot Ion:122 Resp: 241982
Ion Ratio Lower Upper
122 100
107 108.8 88.0 132.0
121 59.1 49.0 73.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.403 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.03 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Tgt Ion: 93 Resp: 409412
Ion Ratio Lower Upper
93 100
95 32.7 27.2 40.8
123 11.6 9.7 14.5

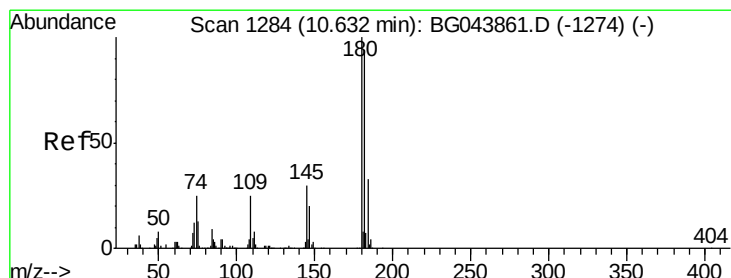
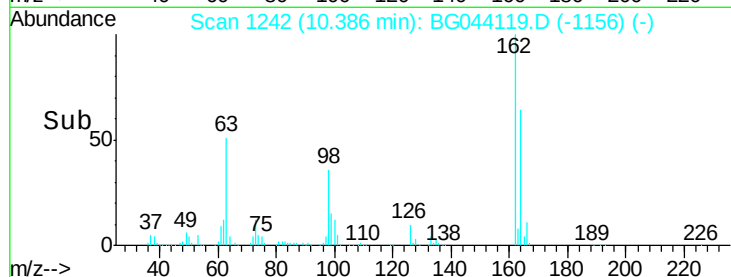
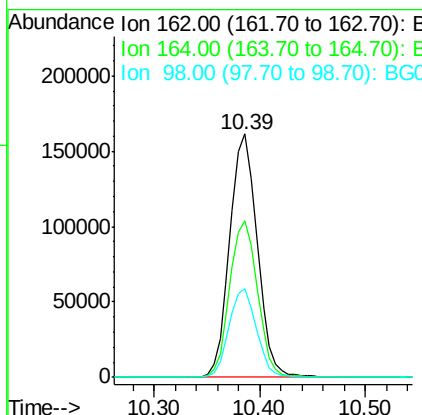
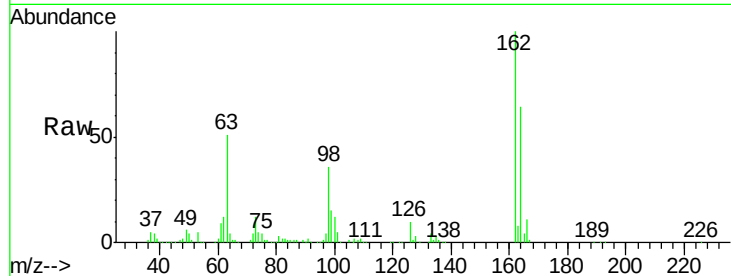




#29
 2,4-Dichlorophenol
 Concen: 41.750 ng
 RT: 10.39 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

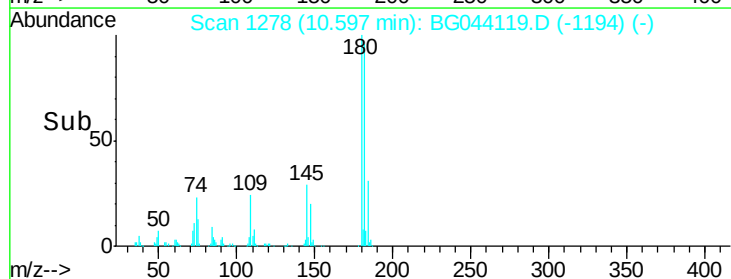
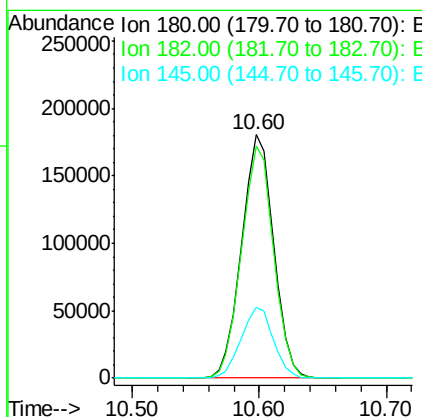
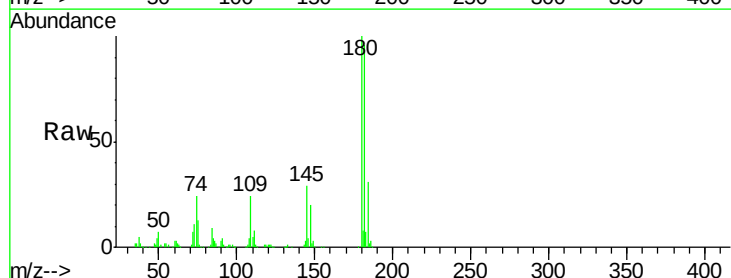
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

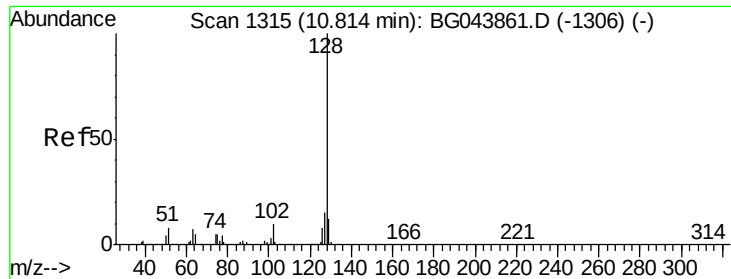
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	46.3	86.3
98	36.4	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.412 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.03 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.0	112.4
145	29.0	24.2	36.4

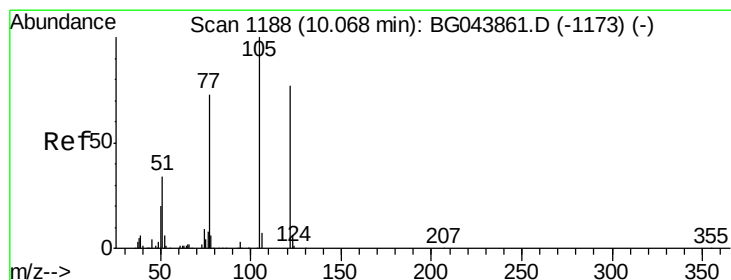
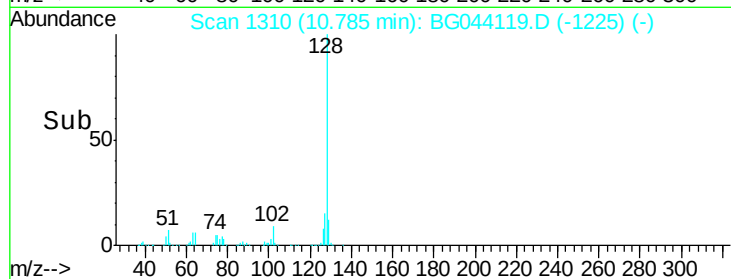
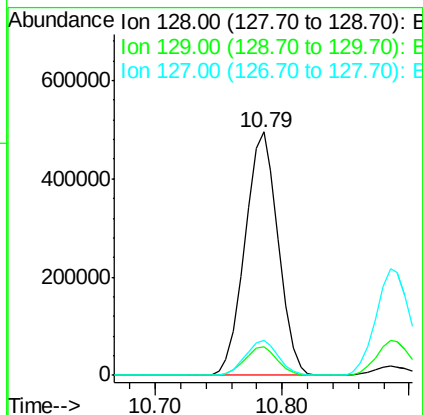
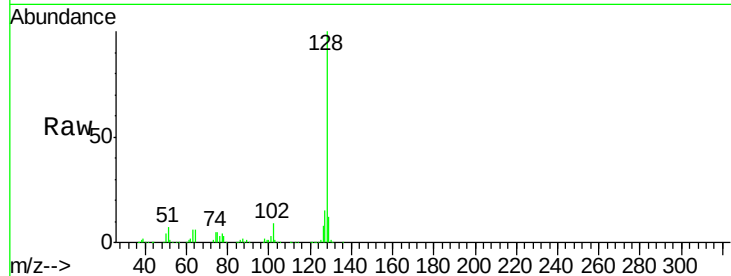




#31
Naphthalene
Concen: 41.816 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

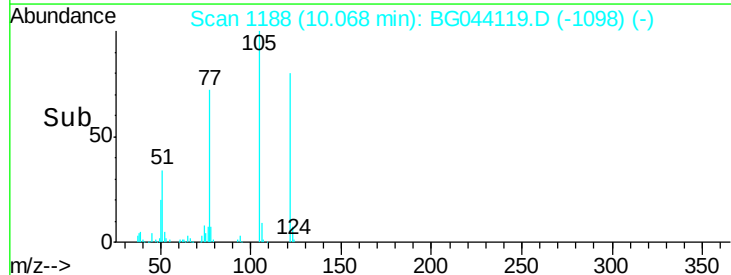
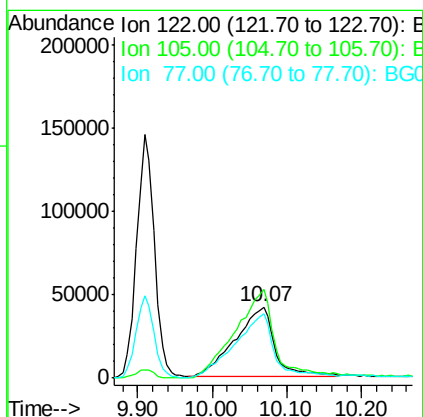
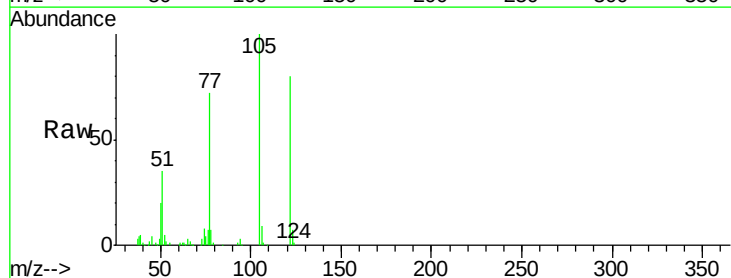
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

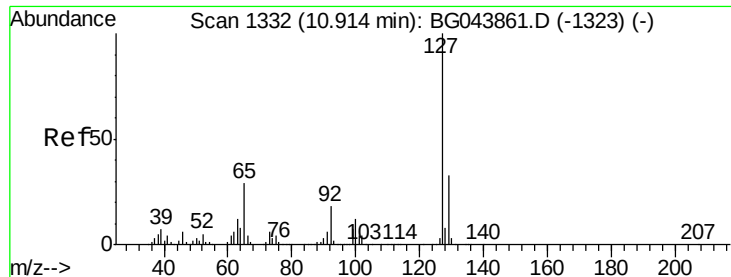
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.6
127	14.6	12.0	18.0



#32
Benzoic acid
Concen: 34.719 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.1	106.4	146.4
77	89.8	74.6	114.6

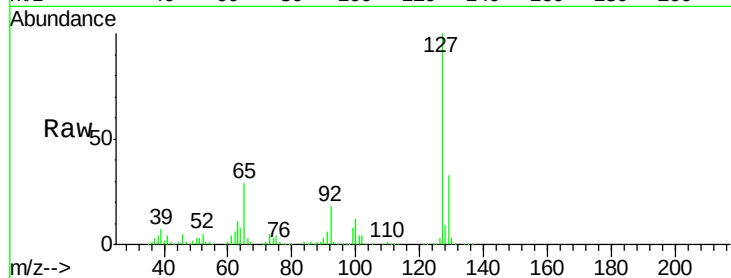




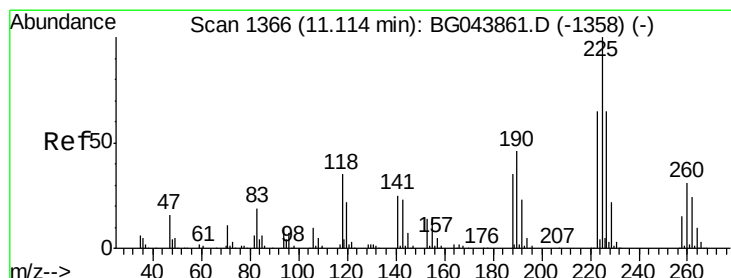
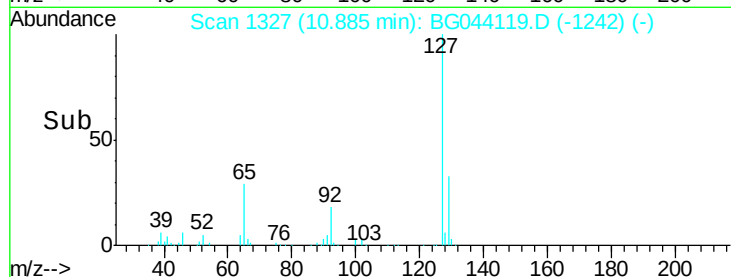
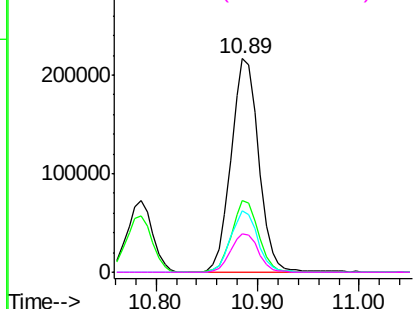
#33
4-Chloroaniline
Concen: 39.816 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	408403
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.6	40.0
65	28.7	23.3	34.9
92	17.7	14.7	22.1

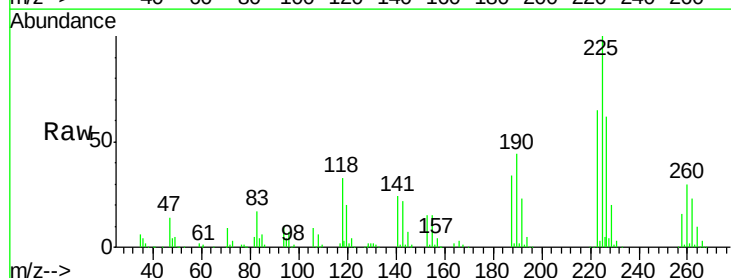


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

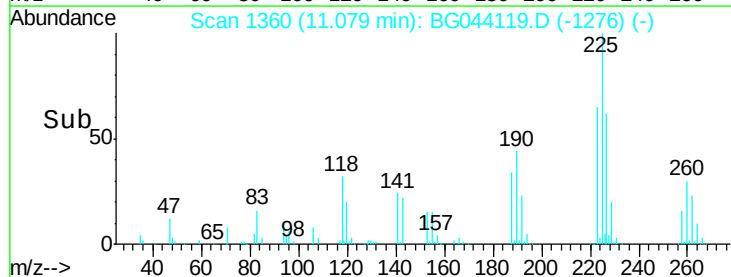
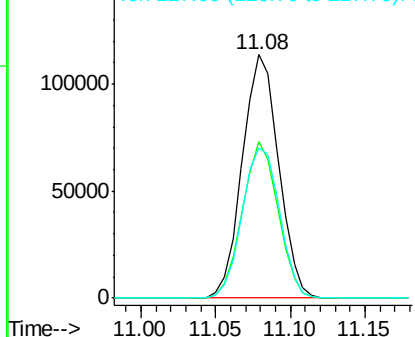


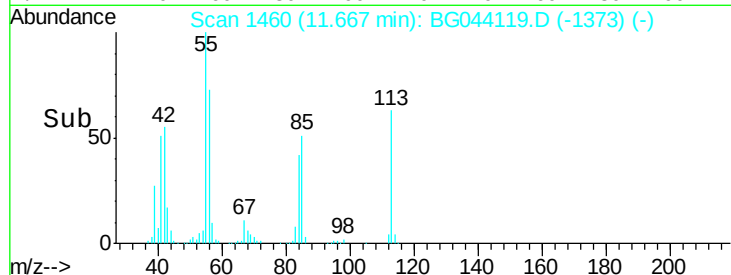
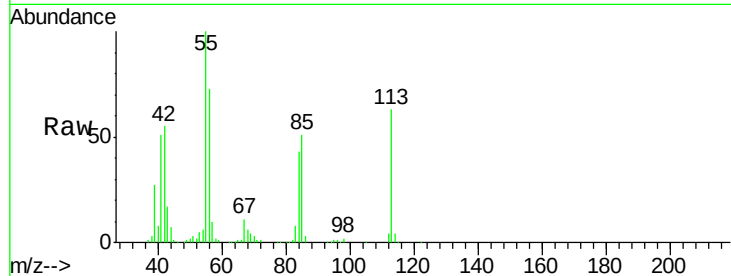
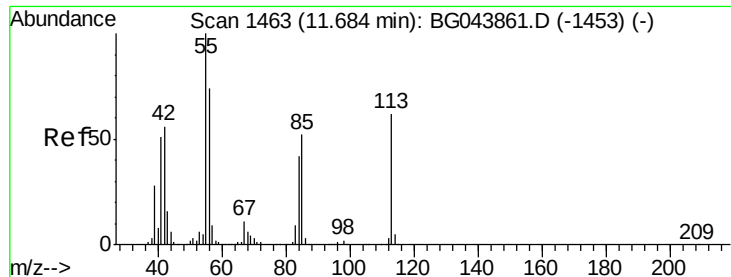
#34
Hexachlorobutadiene
Concen: 39.995 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.03 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Tgt Ion:	225	Resp:	191372
Ion	Ratio	Lower	Upper
225	100		
223	64.5	52.2	78.4
227	61.8	52.1	78.1



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

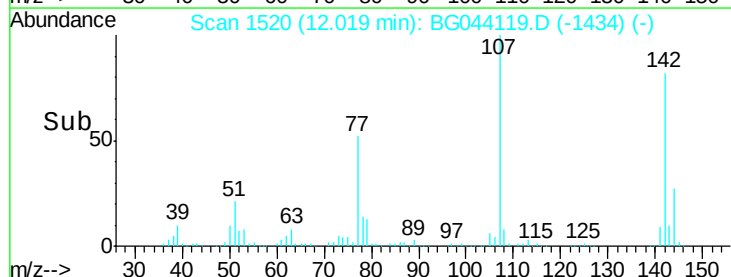
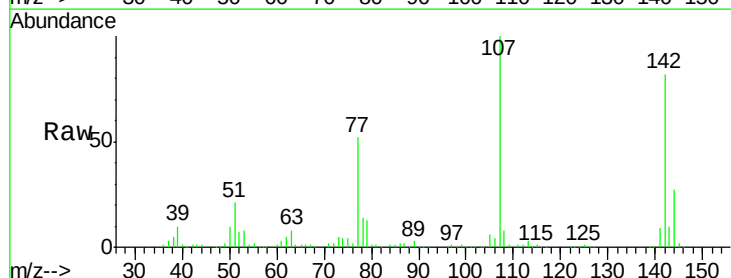
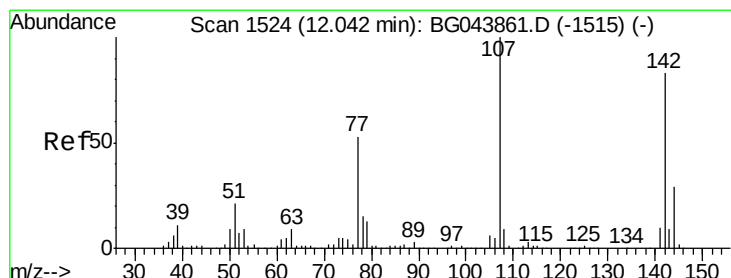
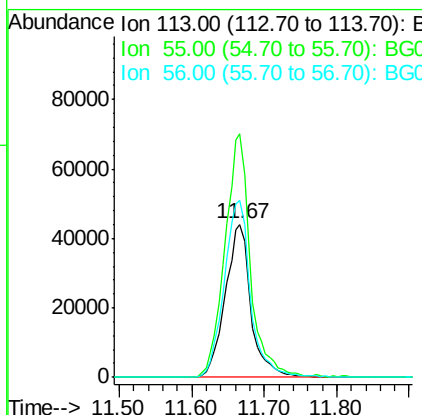




#35
Caprolactam
Concen: 41.705 ng
RT: 11.67 min Scan# 1460
Delta R.T. -0.02 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

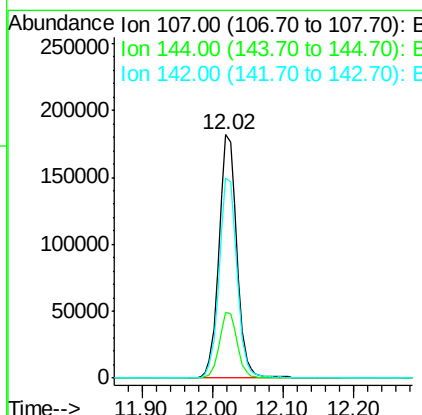
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

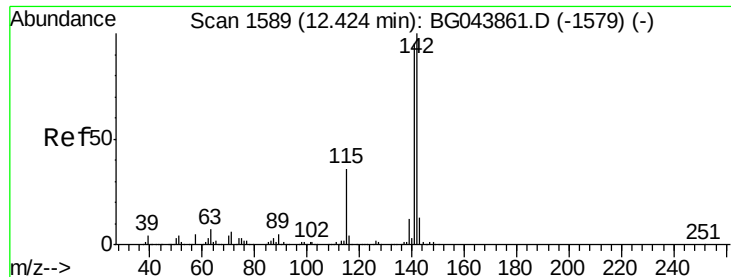
Tot Ion:113 Resp: 108517
Ion Ratio Lower Upper
113 100
55 159.1 142.5 182.5
56 116.0 101.4 141.4



#36
4-Chloro-3-methylphenol
Concen: 43.079 ng
RT: 12.02 min Scan# 1520
Delta R.T. -0.02 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Tgt Ion:107 Resp: 320543
Ion Ratio Lower Upper
107 100
144 26.8 23.4 35.2
142 82.0 66.3 99.5

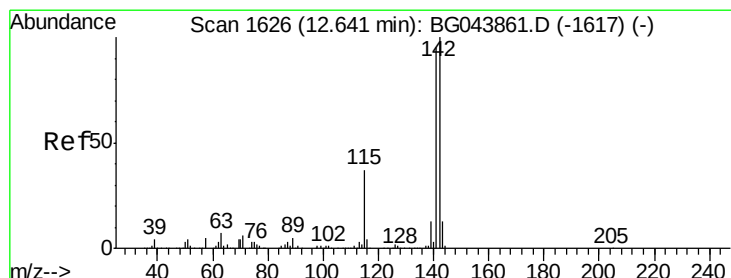
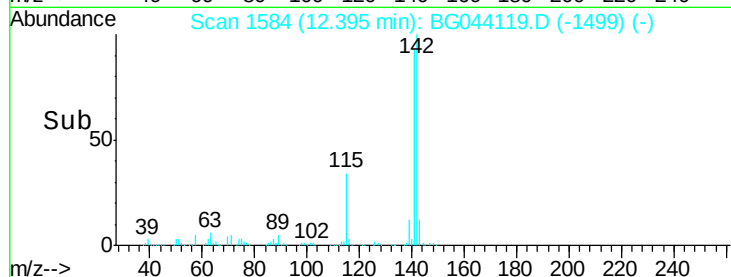
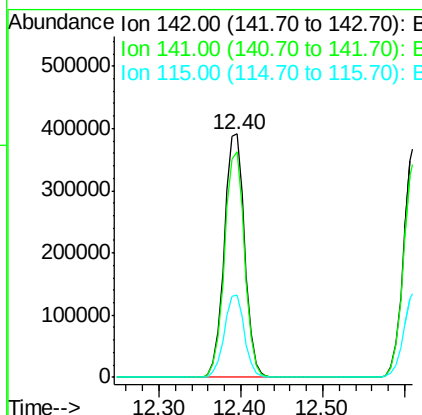
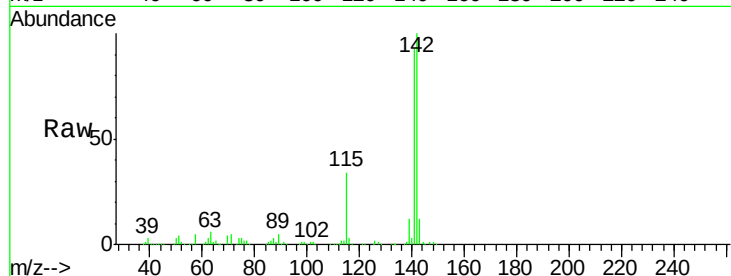




#37
2-Methylnaphthalene
Concen: 41.655 ng
RT: 12.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

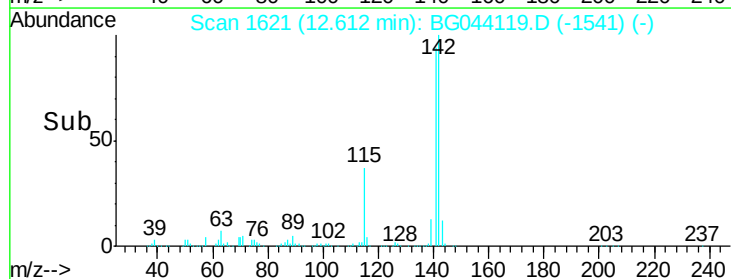
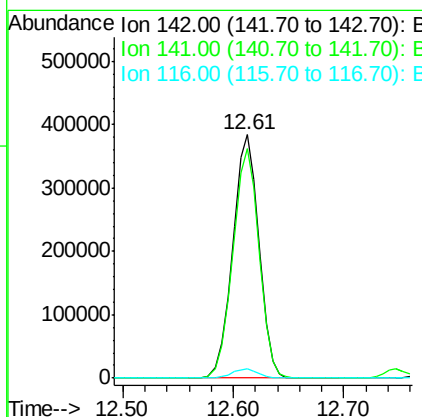
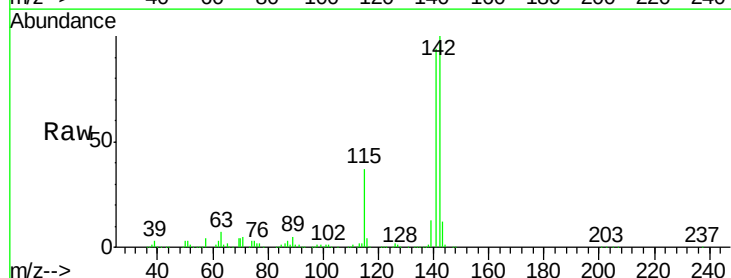
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

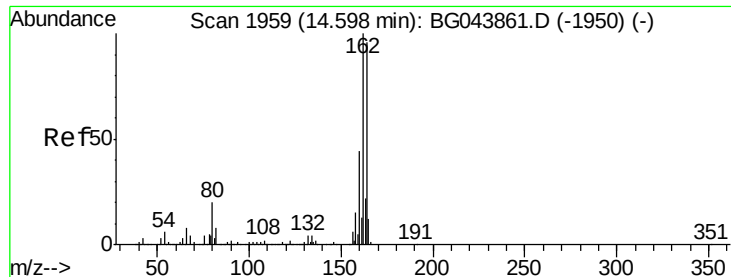
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	75.8	113.8
115	34.0	28.6	42.8



#38
1-Methylnaphthalene
Concen: 41.442 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	76.0	114.0
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

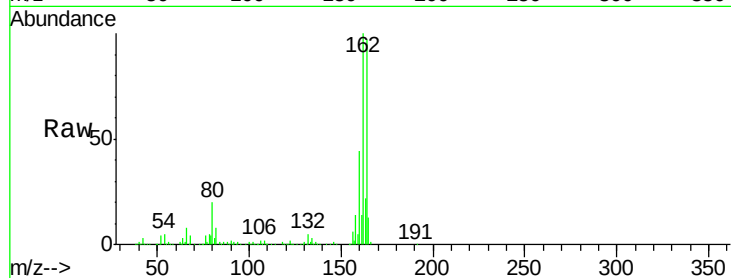
Tot Ion:164 Resp: 288934

Ion Ratio Lower Upper

164 100

162 103.4 83.0 124.4

160 45.1 36.1 54.1

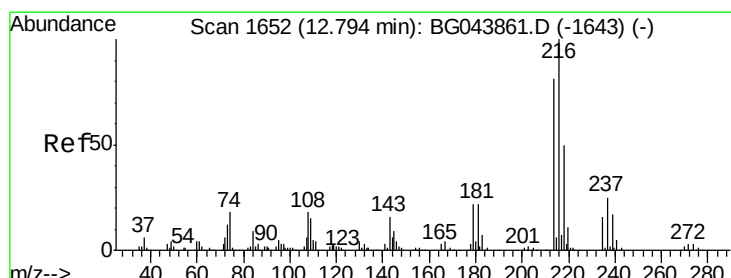
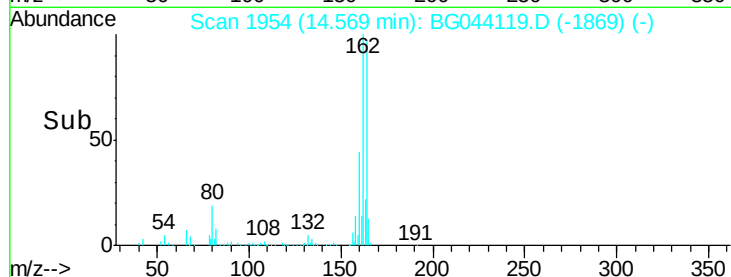
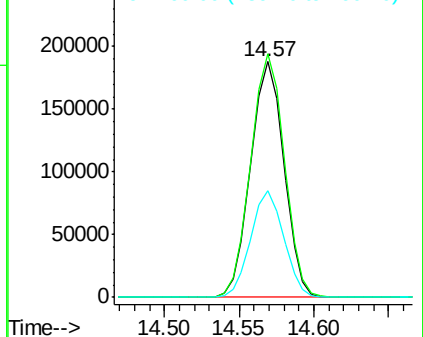


Abundance

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: 40.347 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Tgt Ion:216 Resp: 341685

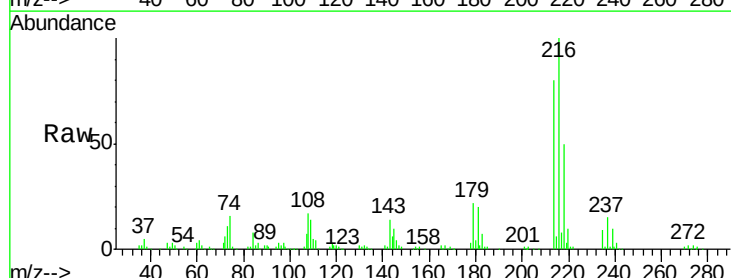
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.8

179 21.7 17.3 25.9

108 18.1 15.3 22.9



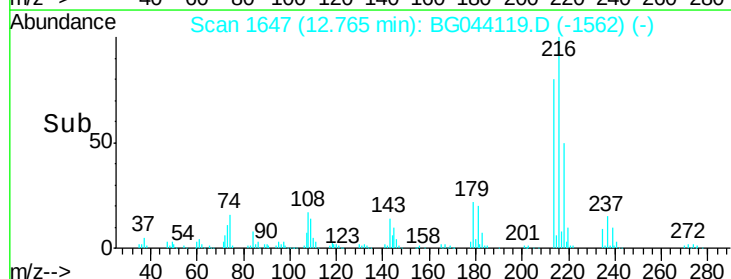
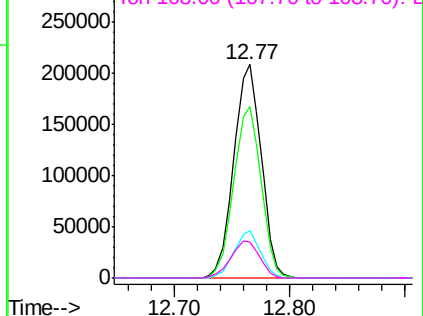
Abundance

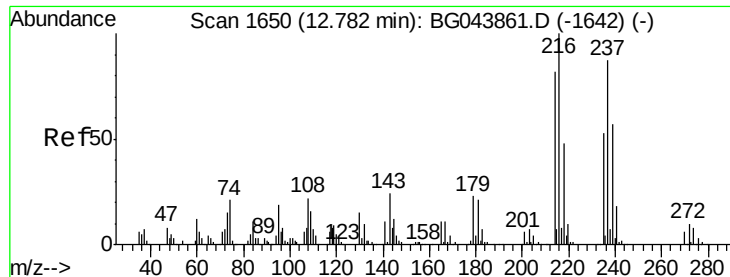
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.141 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

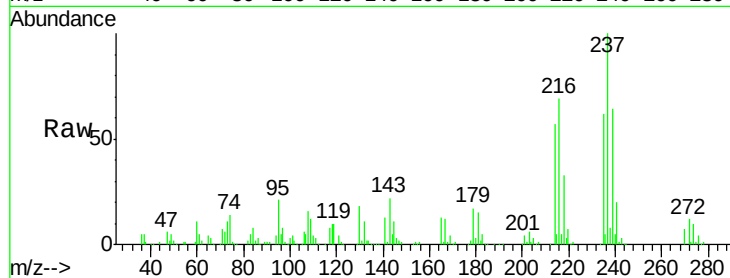
Tot Ion:237 Resp: 167456

Ion Ratio Lower Upper

237 100

235 61.9 41.1 81.1

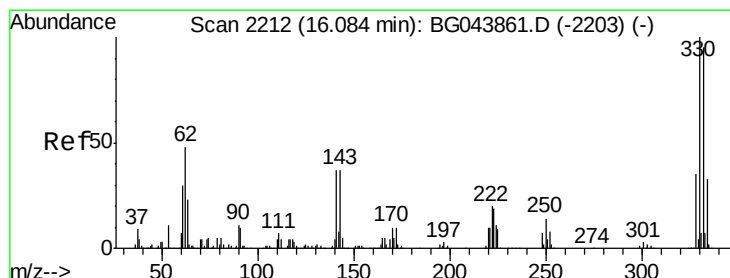
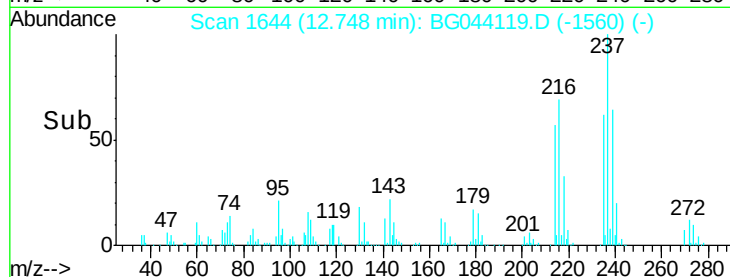
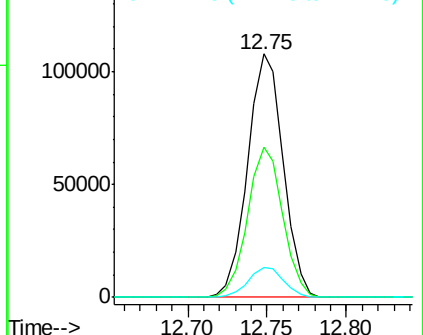
272 12.5 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 91.298 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

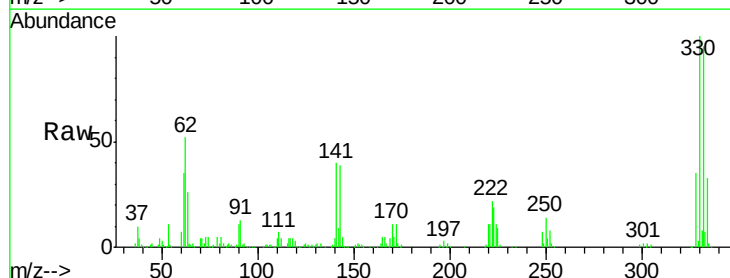
Tgt Ion:330 Resp: 276052

Ion Ratio Lower Upper

330 100

332 95.7 77.2 115.8

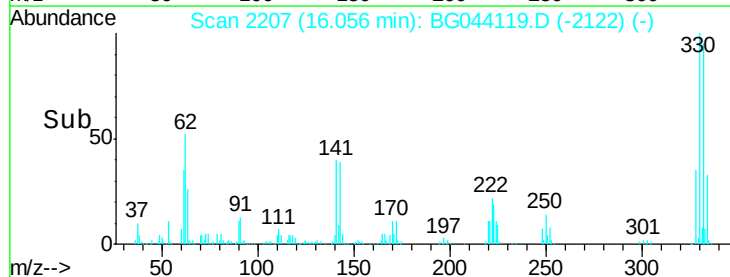
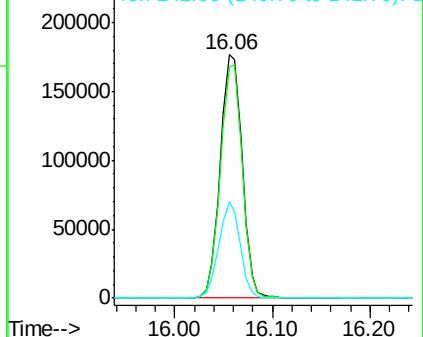
141 38.3 33.1 49.7

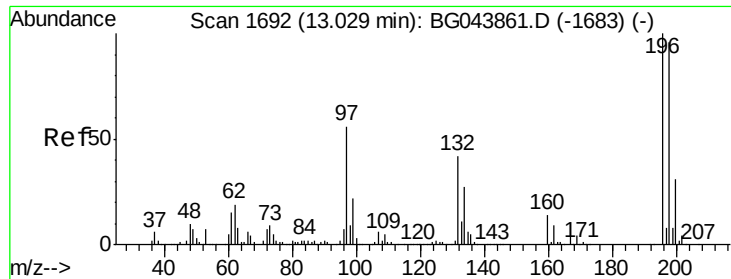


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

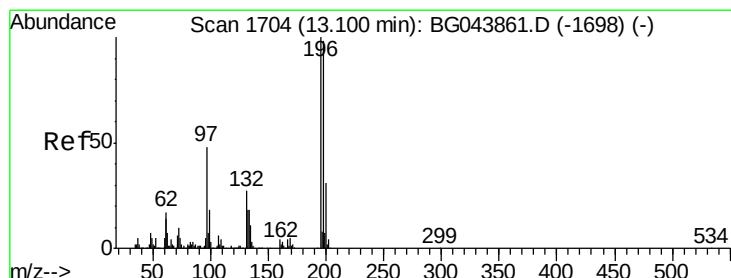
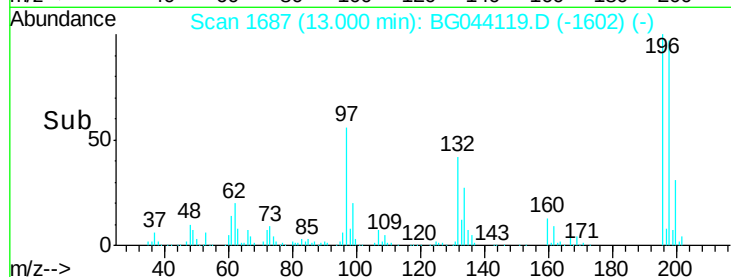
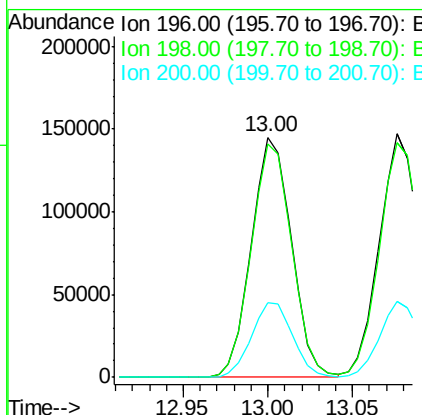
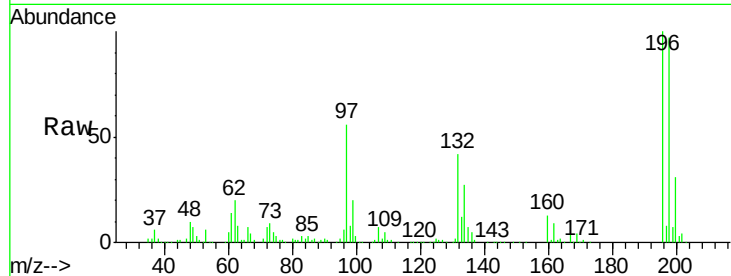




#43
 2,4,6-Trichlorophenol
 Concen: 41.170 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

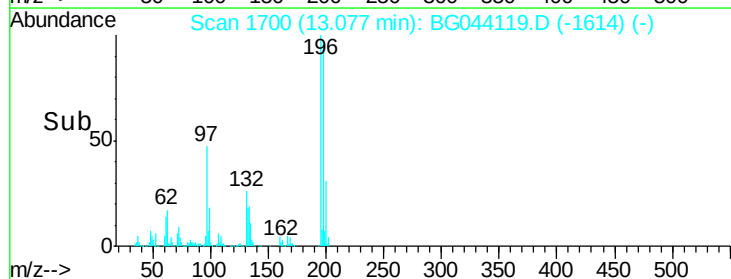
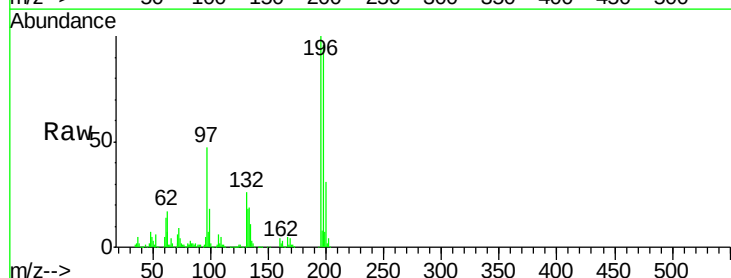
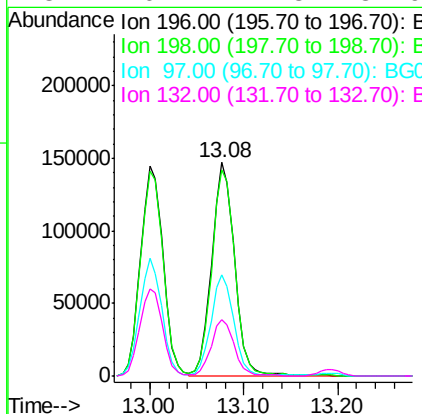
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

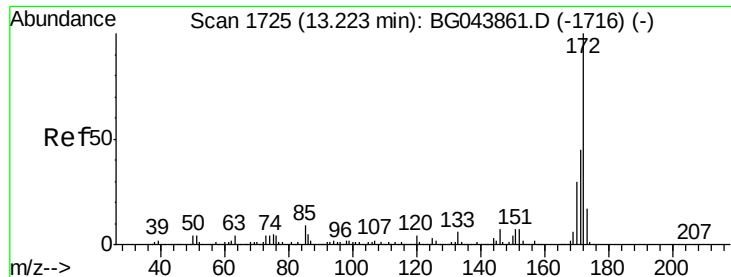
Tot Ion:196 Resp: 239905
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.6 115.0
 200 31.2 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 41.555 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

Tgt Ion:196 Resp: 249745
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.3 117.5
 97 47.4 38.8 58.2
 132 26.4 21.3 31.9

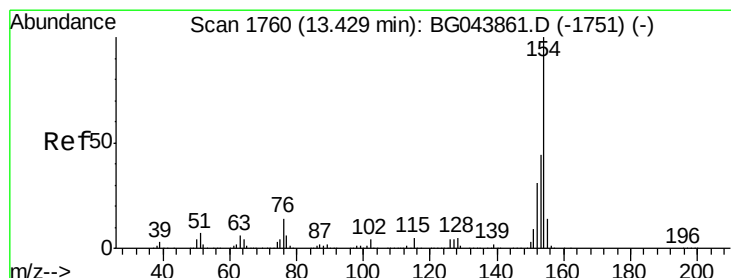
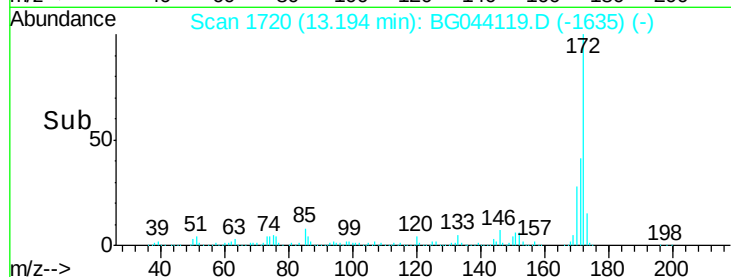
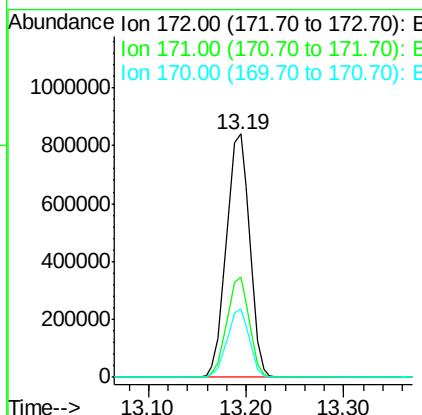
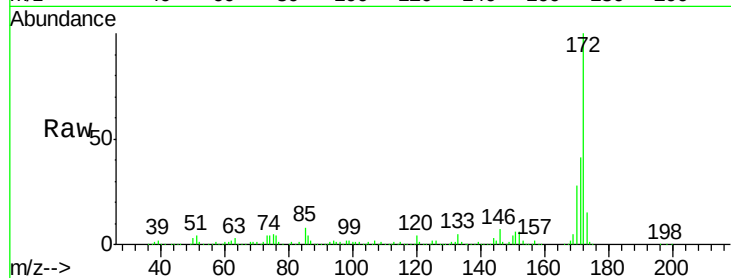




#45
 2-Fluorobiphenyl
 Concen: 87.172 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

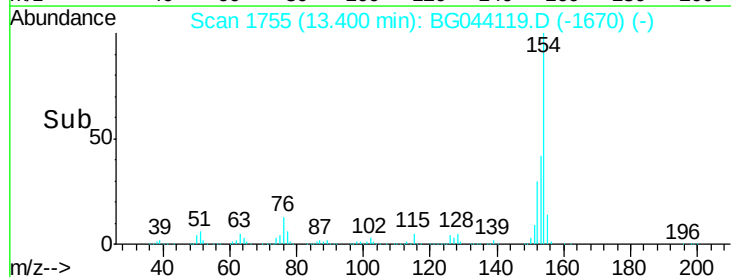
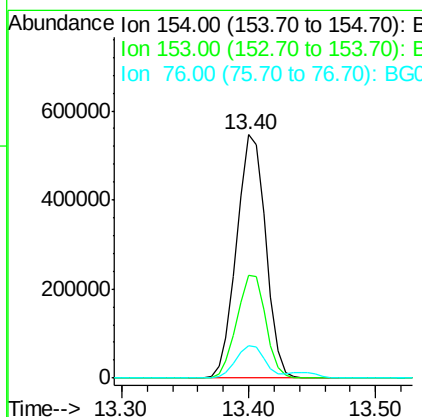
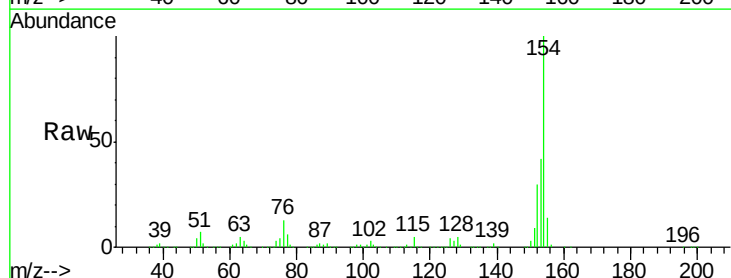
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

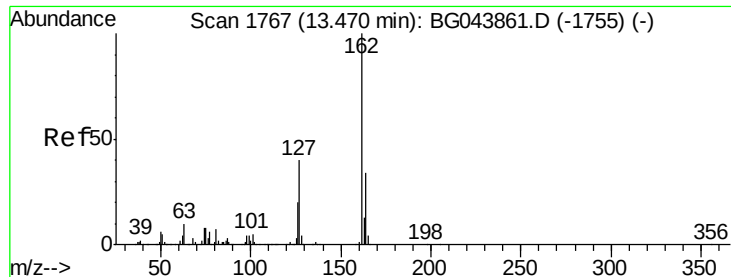
Tot Ion:172 Resp: 1390191
 Ion Ratio Lower Upper
 172 100
 171 41.3 35.8 53.8
 170 27.8 24.2 36.4



#46
 1,1'-Biphenyl
 Concen: 41.820 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.03 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

Tgt Ion:154 Resp: 866358
 Ion Ratio Lower Upper
 154 100
 153 42.4 23.6 63.6
 76 13.5 0.0 34.4

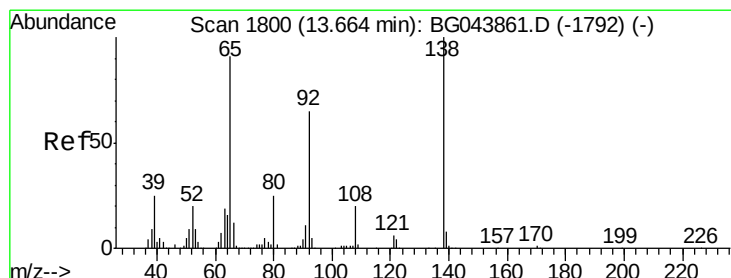
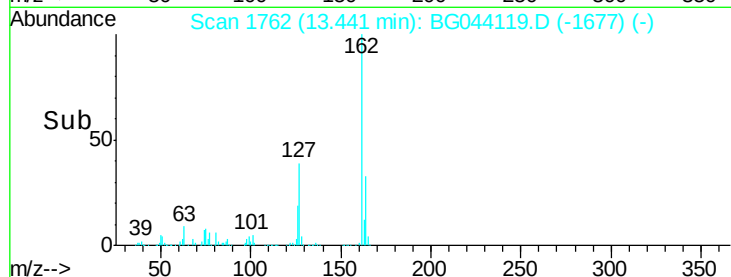
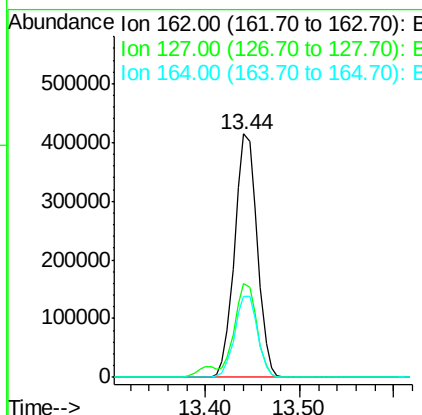
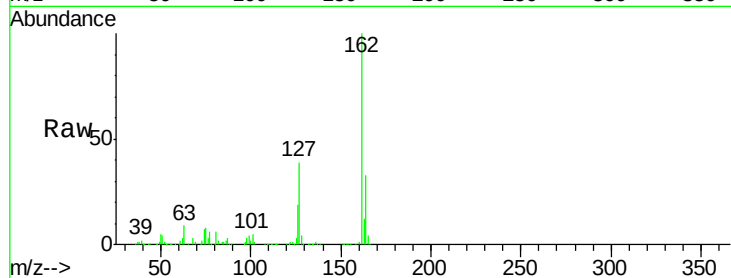




#47
 2-Chloronaphthalene
 Concen: 41.239 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. -0.03 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

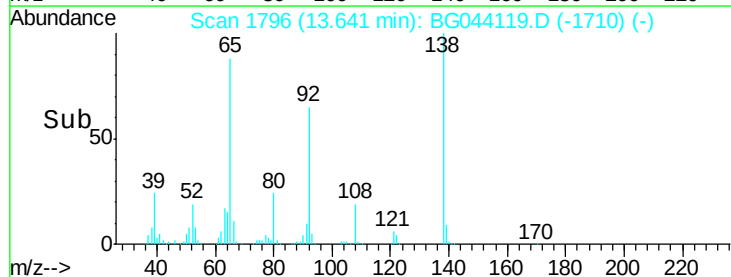
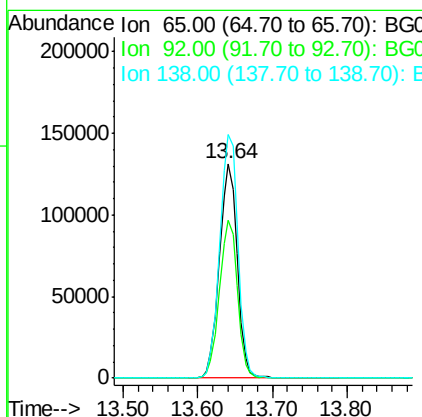
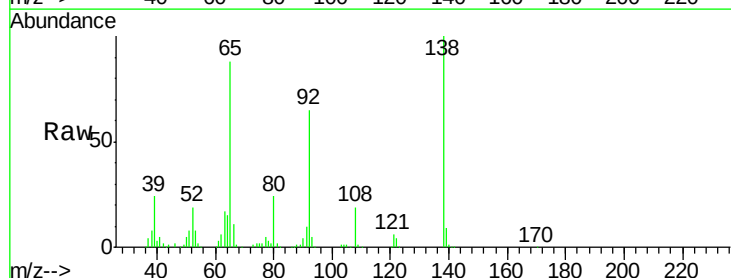
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

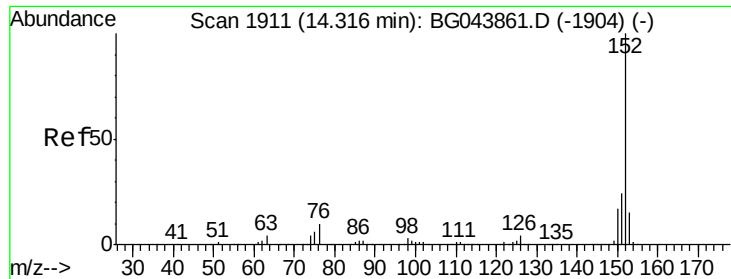
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	32.1	48.1
164	33.5	27.5	41.3



#48
 2-Nitroaniline
 Concen: 40.884 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.02 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	57.4	86.2
138	113.5	88.2	132.4





#49

Acenaphthylene

Concen: 43.113 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

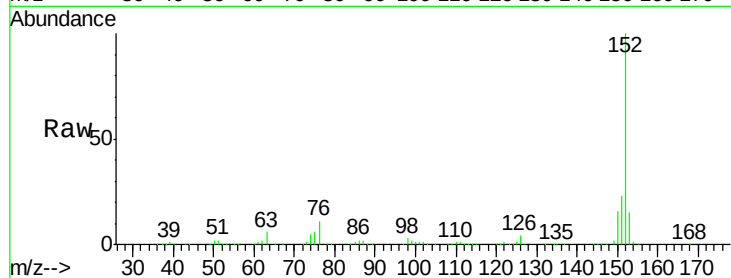
Tot Ion:152 Resp: 1037307

Ion Ratio Lower Upper

152 100

151 23.2 19.4 29.2

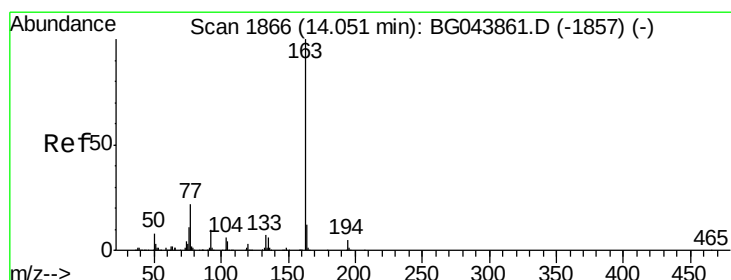
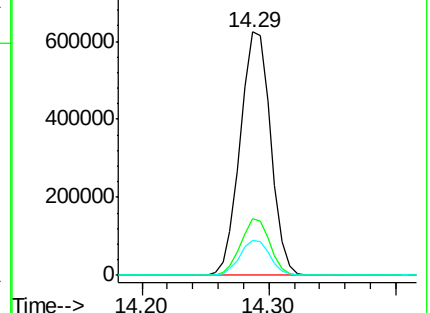
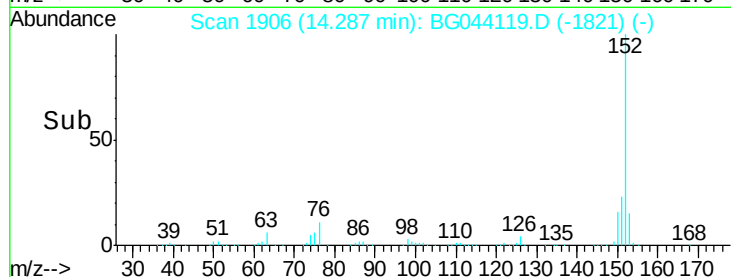
153 14.5 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.600 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

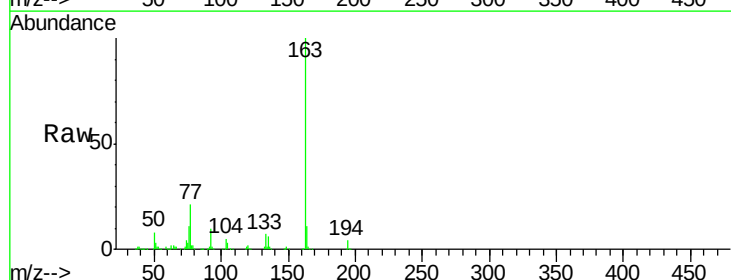
Tgt Ion:163 Resp: 873957

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

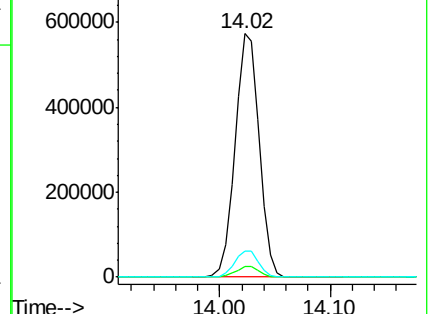
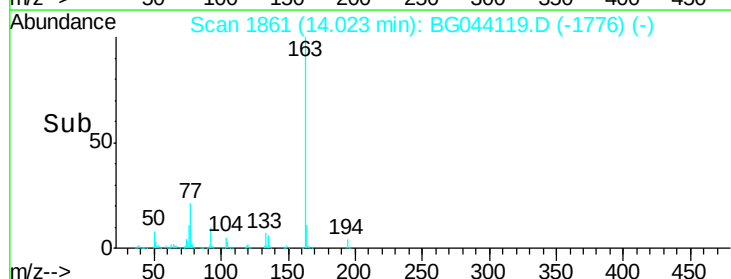
164 10.9 9.3 13.9

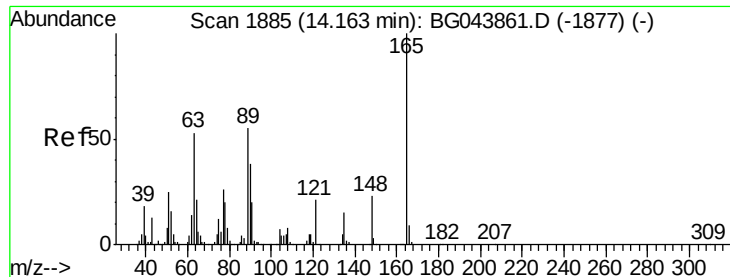


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

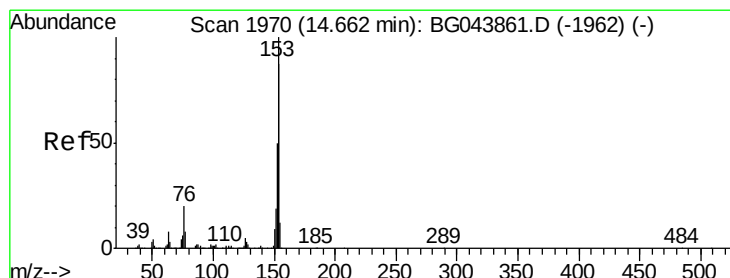
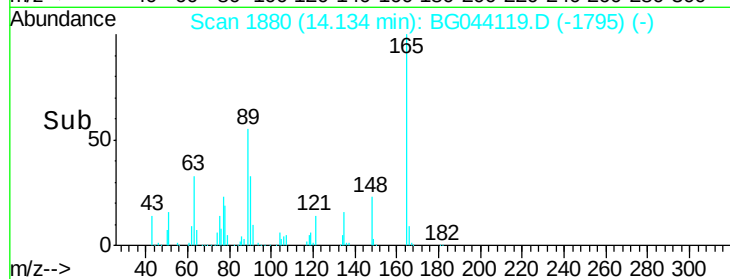
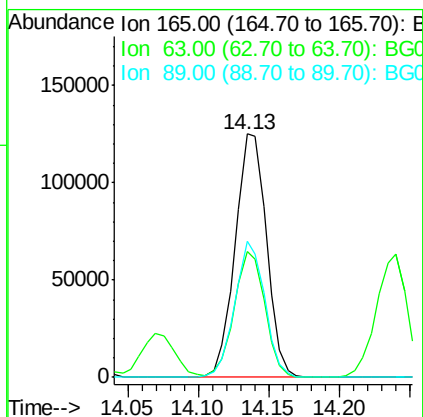
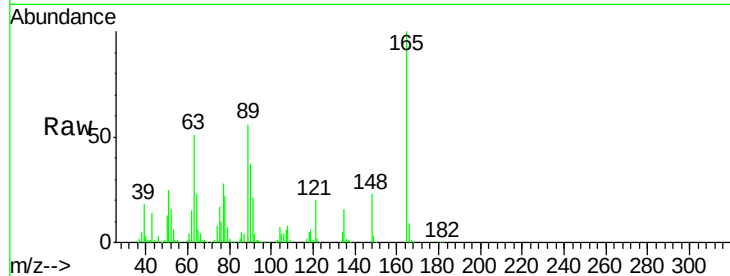




#51
 2,6-Dinitrotoluene
 Concen: 41.809 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. -0.03 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

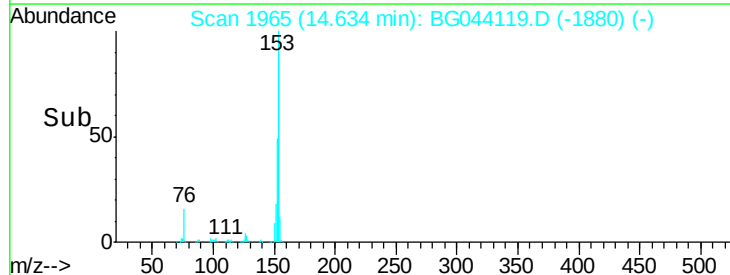
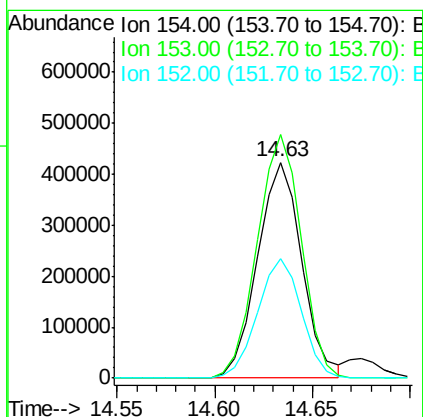
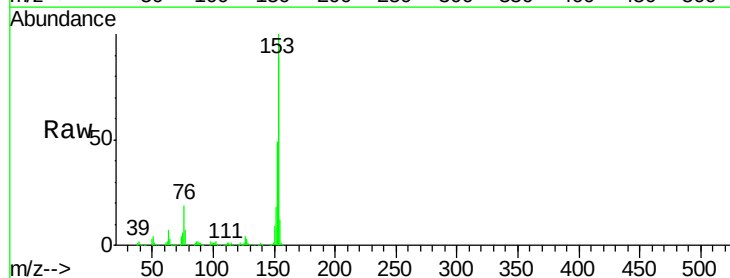
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

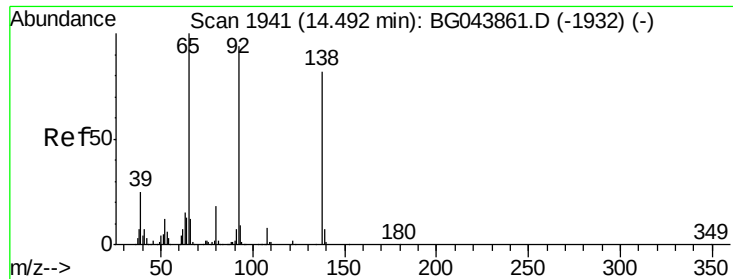
Tot Ion	165	Resp	193869
Ion Ratio	Lower	Upper	
165	100		
63	51.4	43.1	64.7
89	55.8	43.8	65.6



#52
 Acenaphthene
 Concen: 39.447 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.03 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

Tgt Ion	154	Resp	665595
Ion Ratio	Lower	Upper	
154	100		
153	112.8	91.6	137.4
152	55.2	45.4	68.0





#53

3-Nitroaniline

Concen: 41.450 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

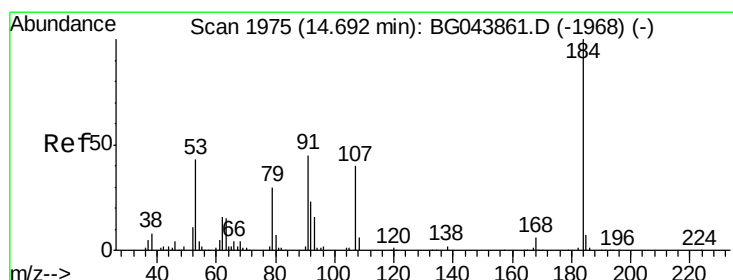
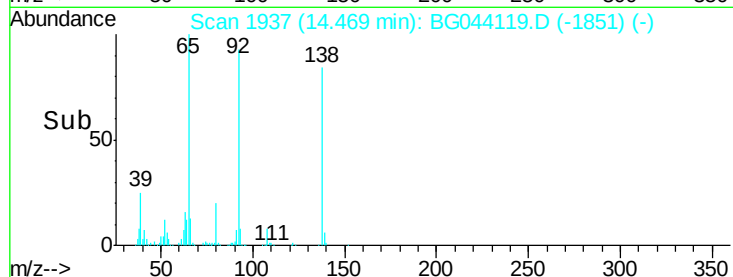
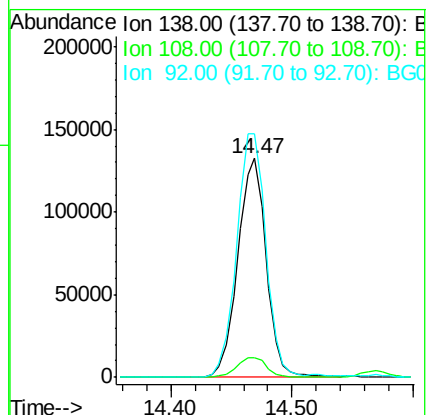
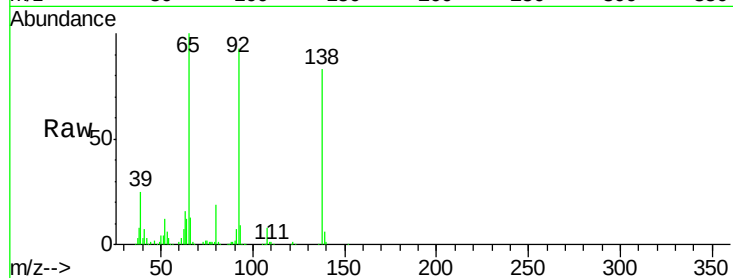
Tot Ion:138 Resp: 218261

Ion Ratio Lower Upper

138 100

108 9.2 7.4 11.2

92 111.2 92.1 138.1



#54

2,4-Dinitrophenol

Concen: 47.729 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.02 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

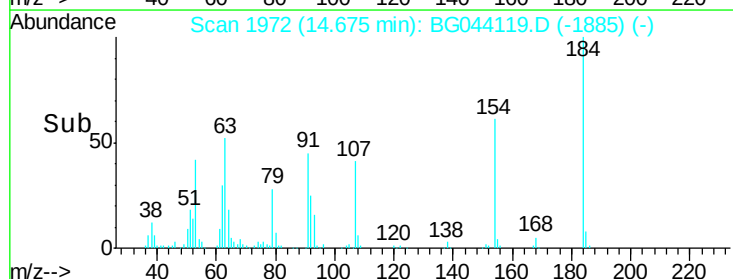
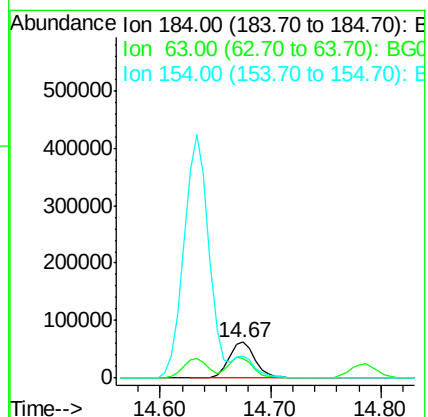
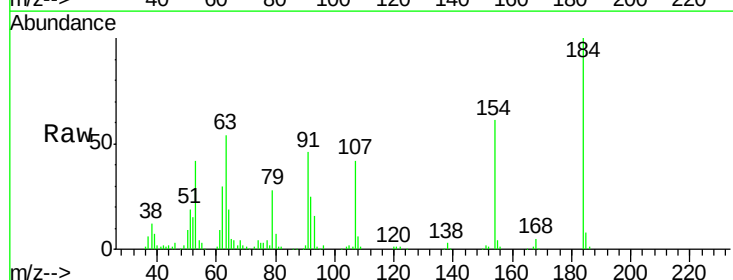
Tgt Ion:184 Resp: 107141

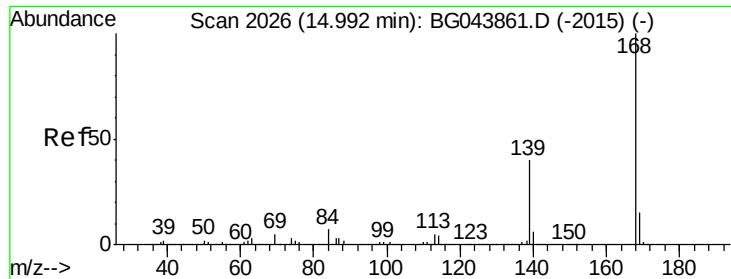
Ion Ratio Lower Upper

184 100

63 54.2 46.6 70.0

154 61.3 50.2 75.4

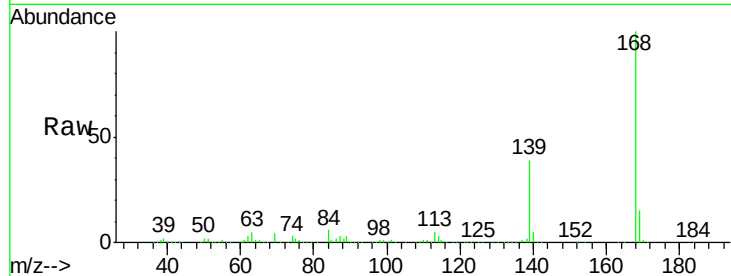




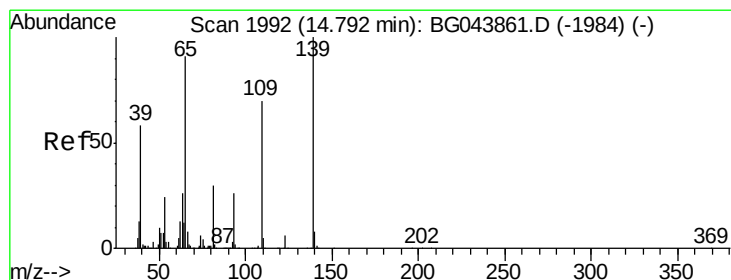
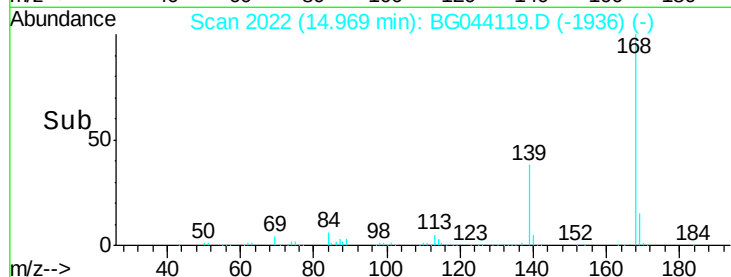
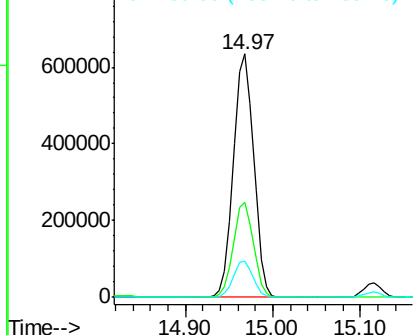
#55
Dibenzenofuran
Concen: 43.048 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 999914
Ion Ratio Lower Upper
168 100
139 39.2 32.2 48.2
169 14.7 12.2 18.2

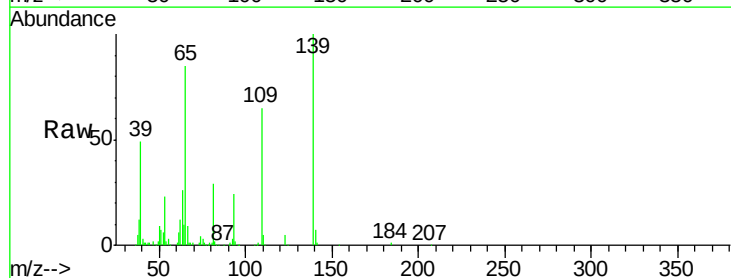


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

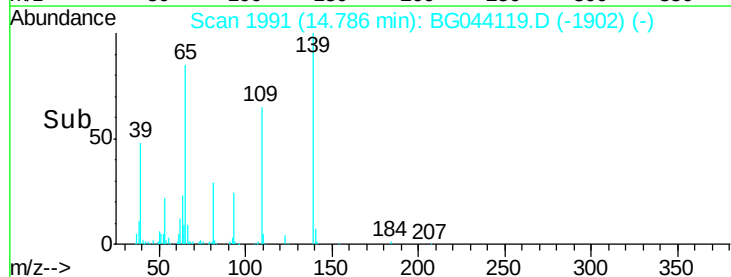
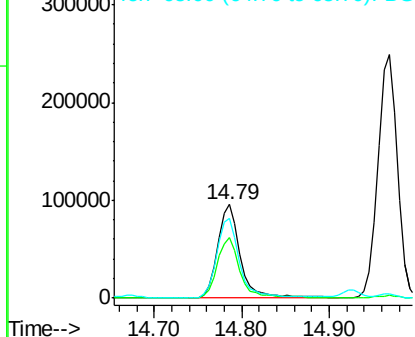


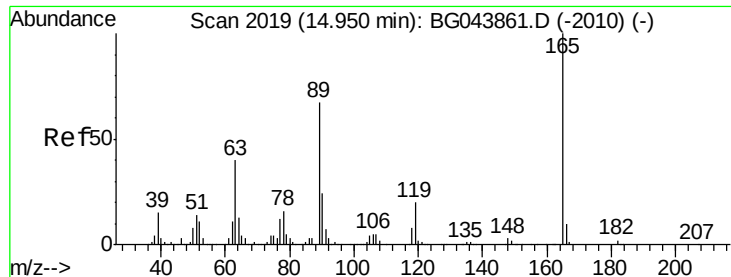
#56
4-Nitrophenol
Concen: 42.856 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Tgt Ion:139 Resp: 172931
Ion Ratio Lower Upper
139 100
109 64.9 50.4 90.4
65 85.0 71.4 111.4



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): BG

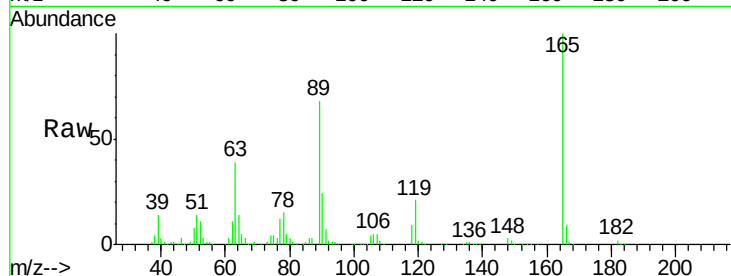




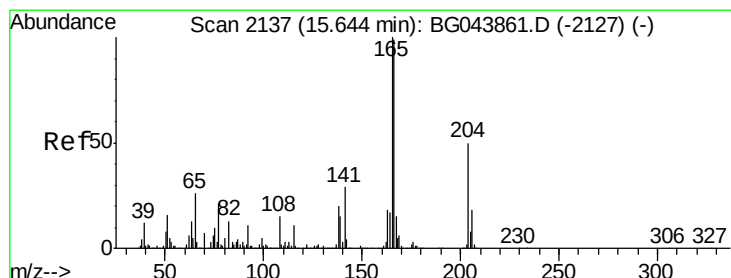
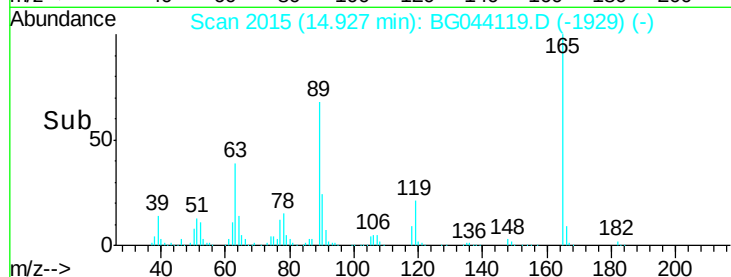
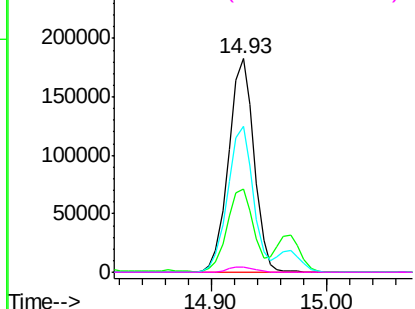
#57
2,4-Dinitrotoluene
Concen: 44.141 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	165	Resp:	278506
Ion	Ratio	Lower	Upper
165	100		
63	38.7	31.9	47.9
89	68.1	53.8	80.6
182	2.4	2.0	3.0

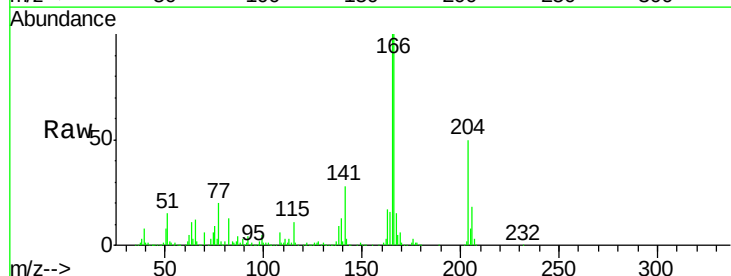


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

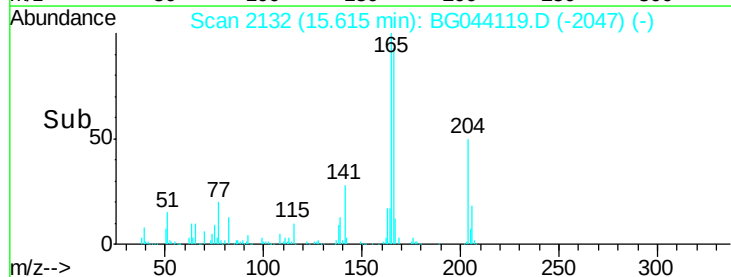
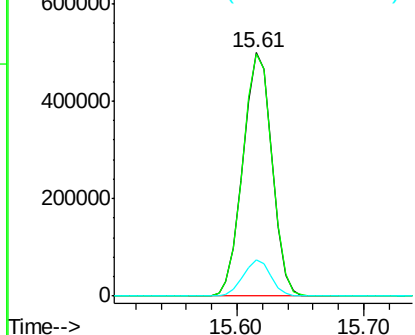


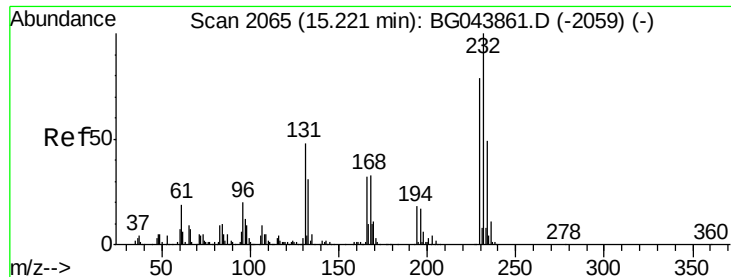
#58
Fluorene
Concen: 43.165 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Tgt Ion:	166	Resp:	794682
Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.8	121.2
167	15.0	12.1	18.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

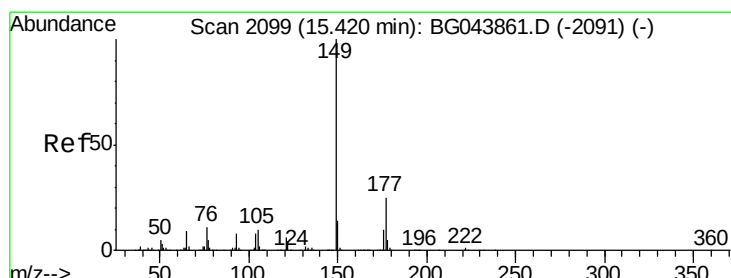
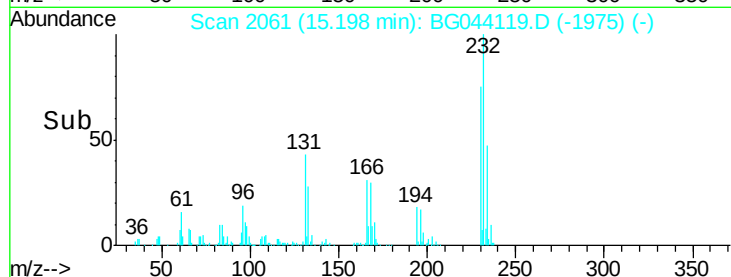
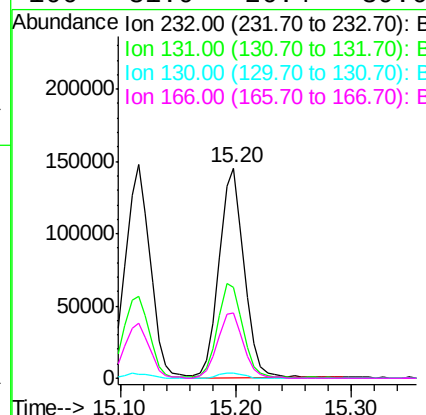
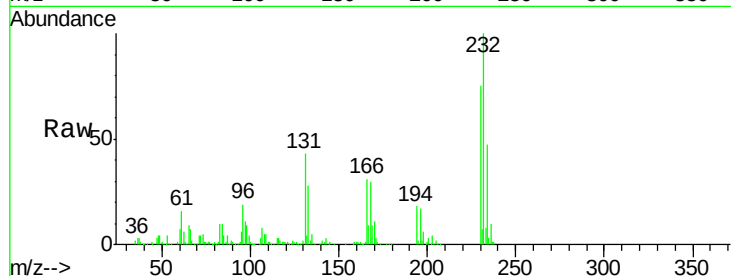




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.104 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

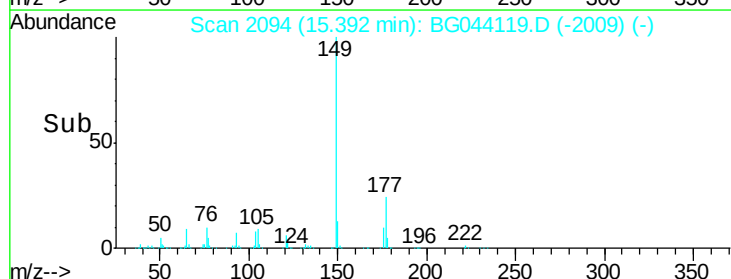
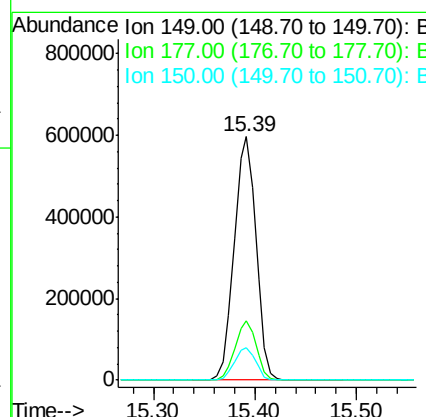
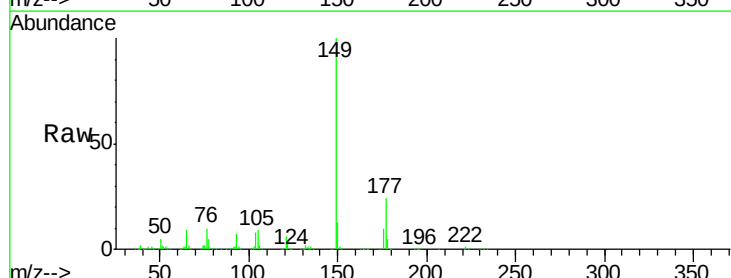
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

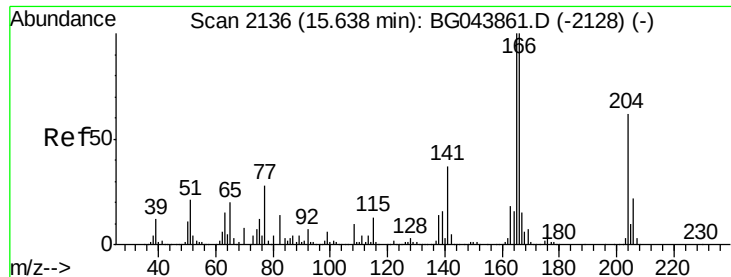
Tot Ion:232 Resp: 217589
 Ion Ratio Lower Upper
 232 100
 131 45.3 38.2 57.2
 130 2.6 2.2 3.2
 166 31.9 26.4 39.6



#60
 Diethylphthalate
 Concen: 43.325 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.03 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

Tgt Ion:149 Resp: 888996
 Ion Ratio Lower Upper
 149 100
 177 24.4 20.0 30.0
 150 13.3 11.1 16.7

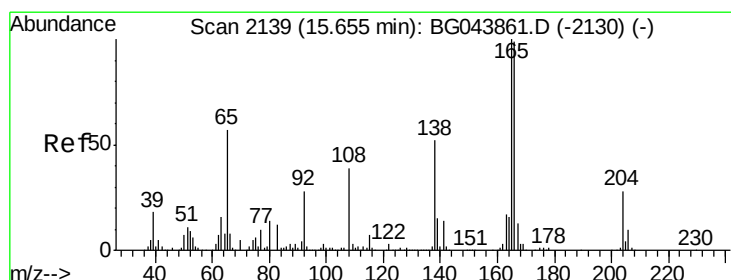
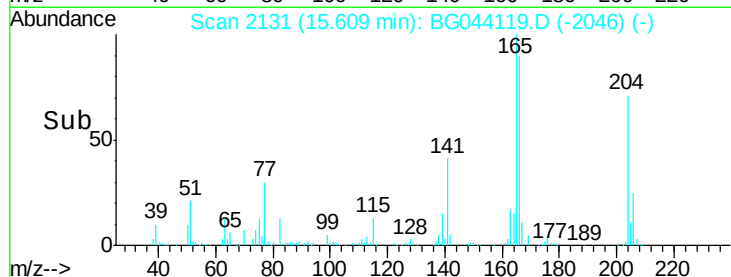
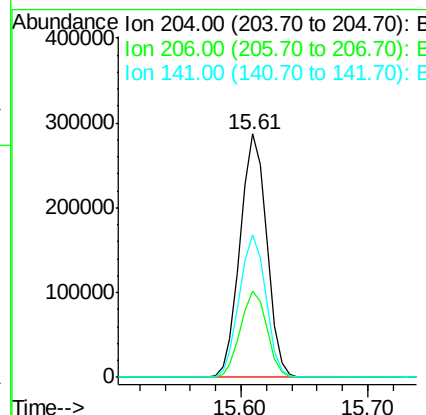
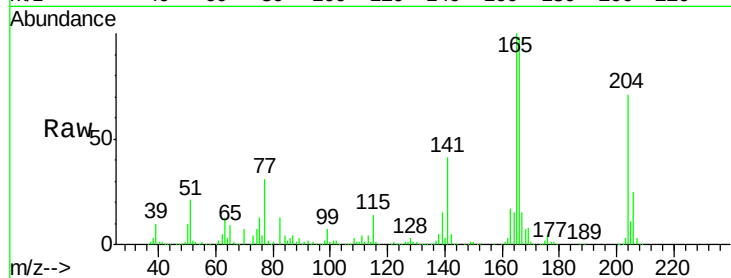




#61
4-Chlorophenyl-phenylether
Concen: 41.555 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

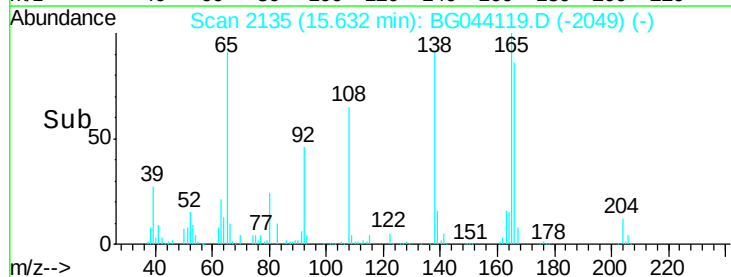
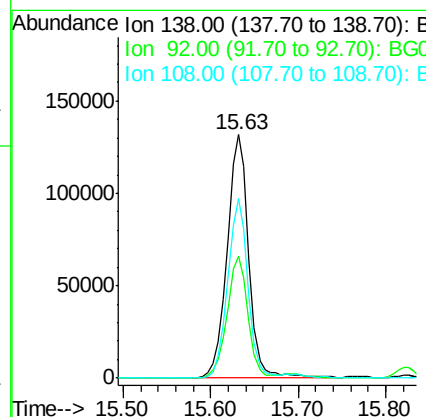
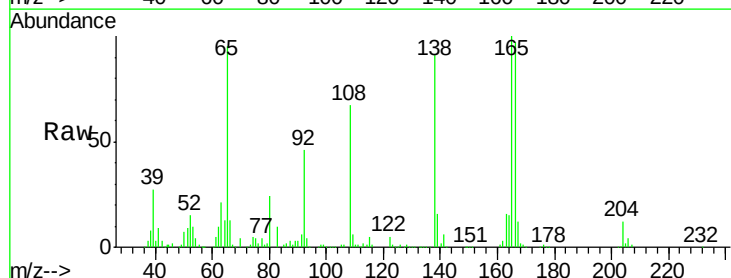
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

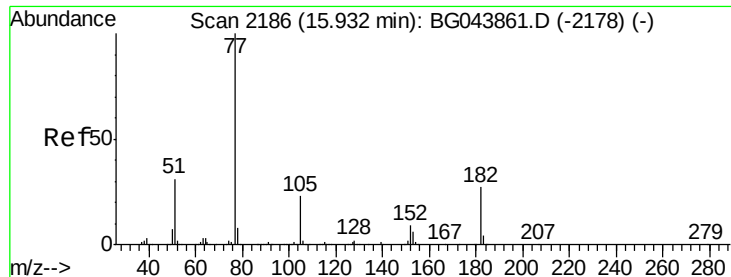
Tot Ion:204 Resp: 415415
Ion Ratio Lower Upper
204 100
206 35.3 28.2 42.2
141 58.6 48.2 72.2



#62
4-Nitroaniline
Concen: 43.362 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Tgt Ion:138 Resp: 225478
Ion Ratio Lower Upper
138 100
92 50.3 34.3 74.3
108 73.7 55.0 95.0





#63

Azobenzene

Concen: 42.550 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 809720

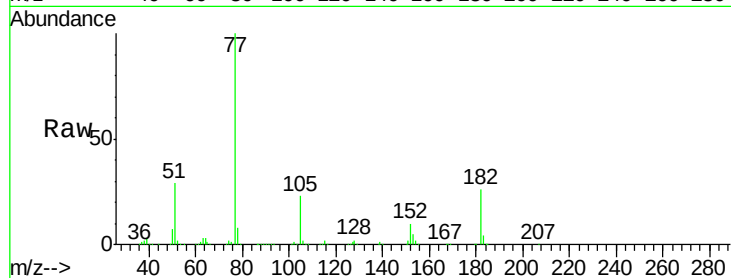
Ion Ratio Lower Upper

77 100

182 26.4 7.3 47.3

105 23.1 3.2 43.2

51 28.9 10.6 50.6

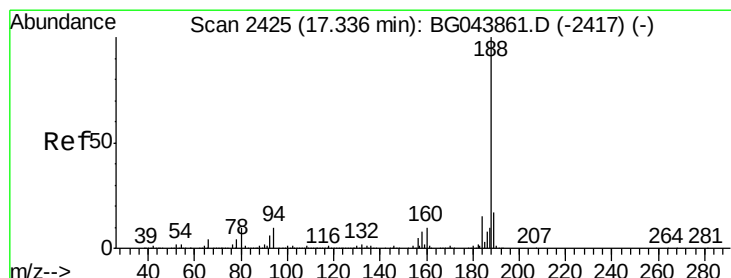
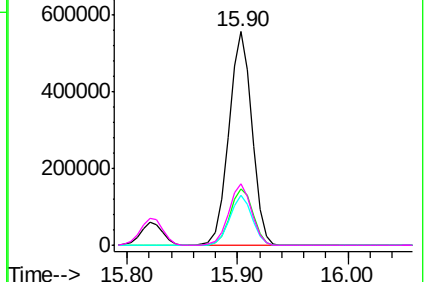
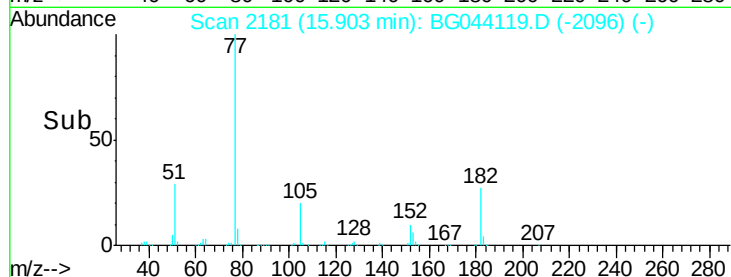


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

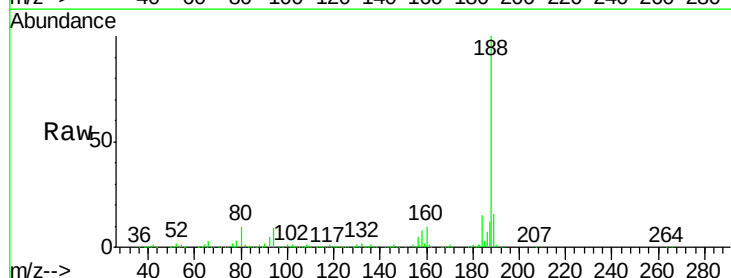
Tgt Ion: 188 Resp: 617564

Ion Ratio Lower Upper

188 100

94 8.7 7.9 11.9

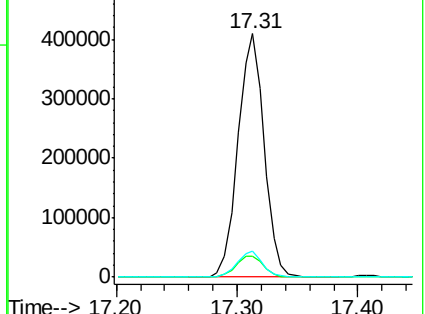
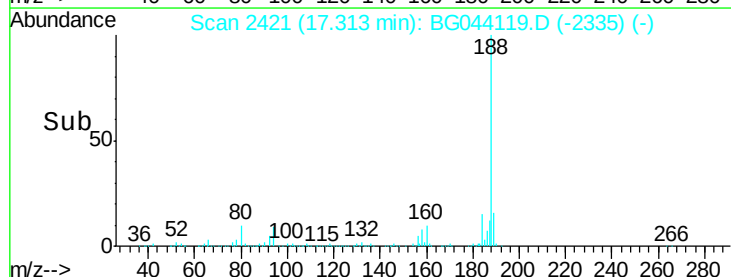
80 10.5 8.2 12.4

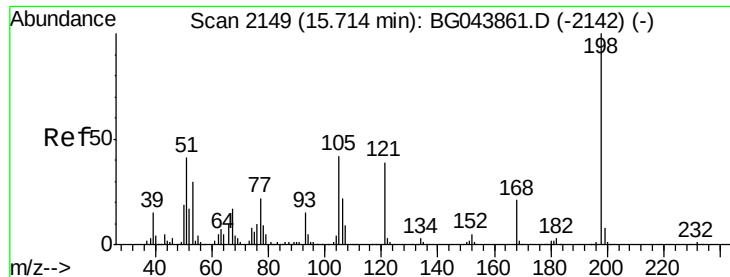


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

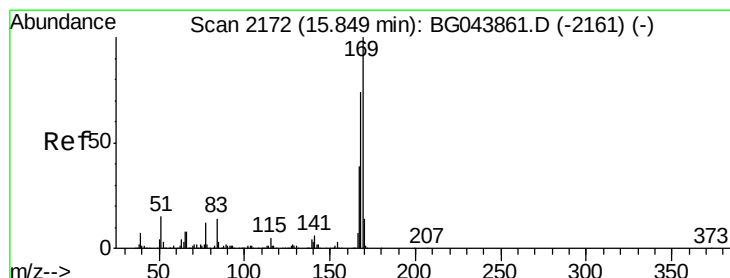
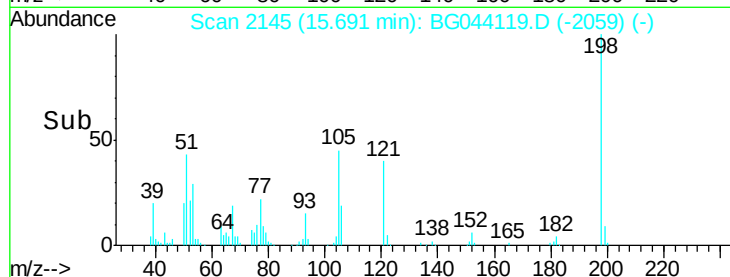
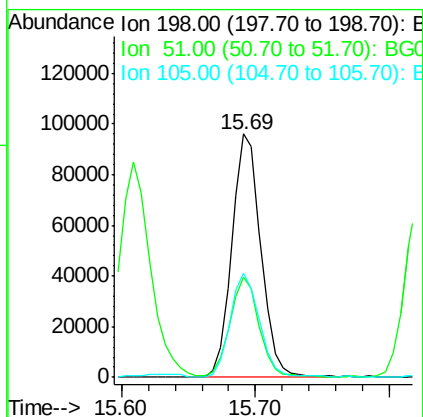
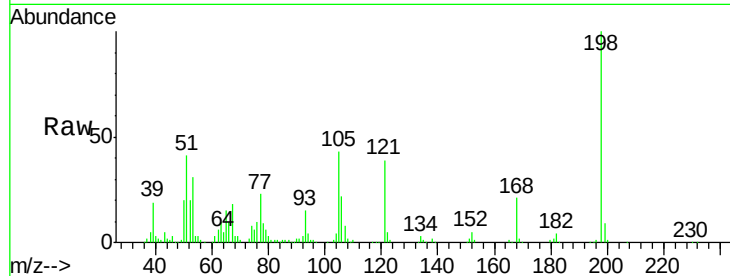




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.986 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.02 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

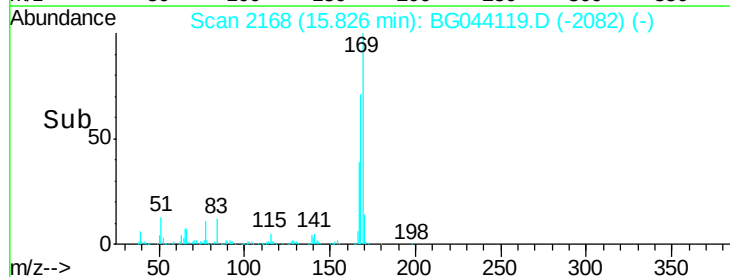
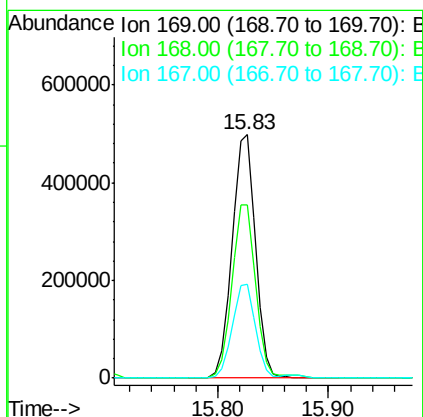
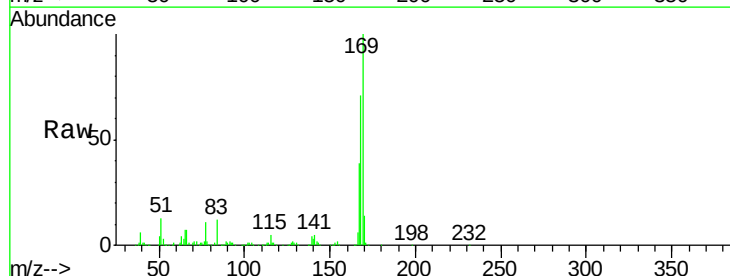
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

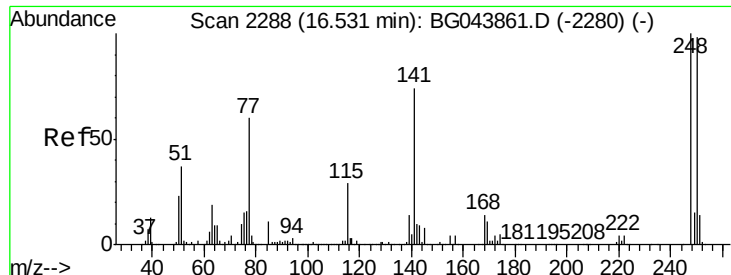
Tot Ion:198 Resp: 145676
 Ion Ratio Lower Upper
 198 100
 51 41.2 22.5 62.5
 105 42.7 22.3 62.3



#66
 n-Nitrosodiphenylamine
 Concen: 40.748 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

Tgt Ion:169 Resp: 741068
 Ion Ratio Lower Upper
 169 100
 168 71.0 59.0 88.6
 167 38.7 31.4 47.0

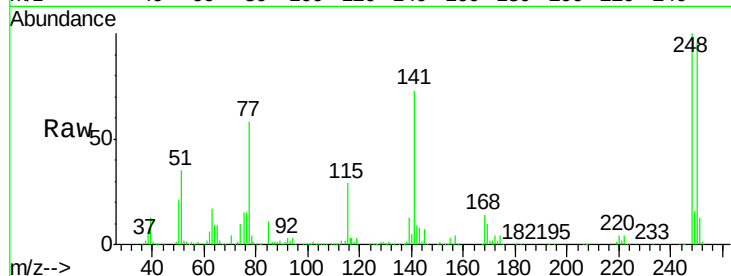




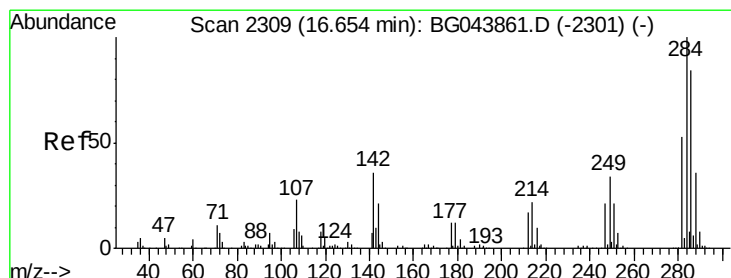
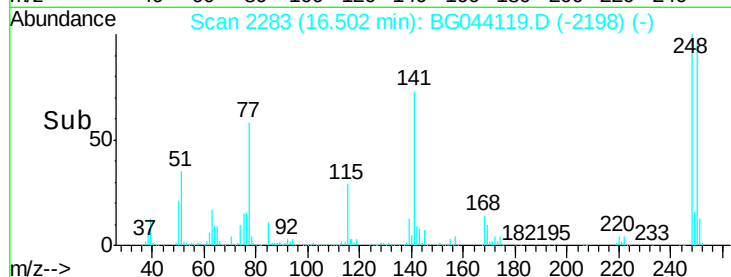
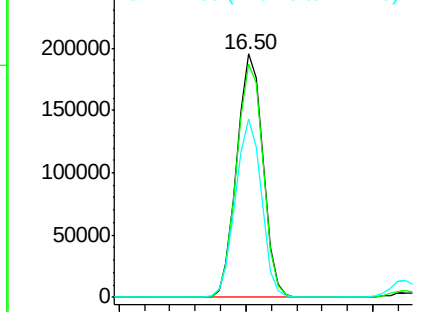
#67
 4-Bromophenyl-phenylether
 Concen: 40.043 ng
 RT: 16.50 min Scan# 2283
 Delta R.T. -0.03 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 278124
 Ion Ratio Lower Upper
 248 100
 250 96.1 78.2 117.2
 141 73.2 59.3 88.9

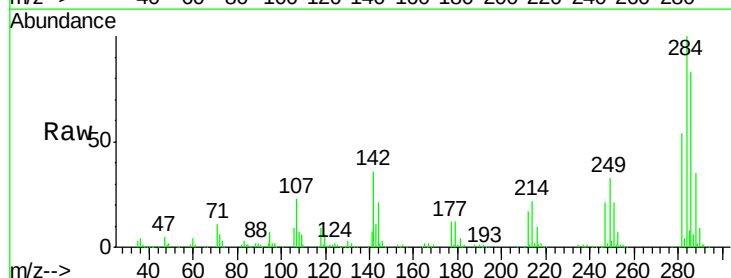


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

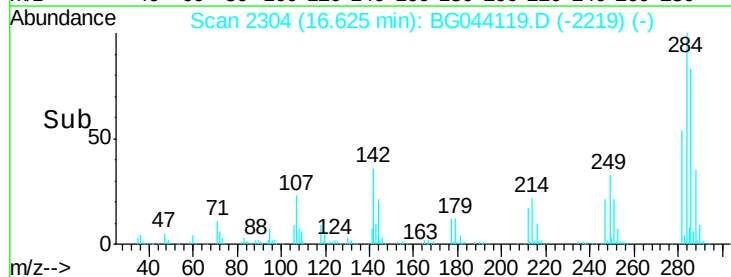
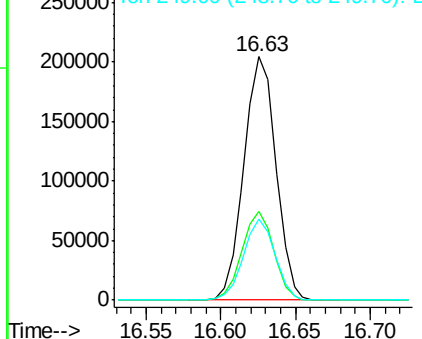


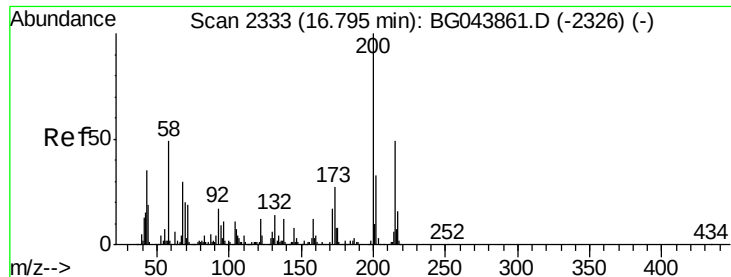
#68
 Hexachlorobenzene
 Concen: 40.544 ng
 RT: 16.63 min Scan# 2304
 Delta R.T. -0.03 min
 Lab File: BG044119.D
 Acq: 21 Jan 2020 4:49

Tgt Ion:284 Resp: 303437
 Ion Ratio Lower Upper
 284 100
 142 36.2 28.6 43.0
 249 33.2 27.0 40.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 44.518 ng

RT: 16.77 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

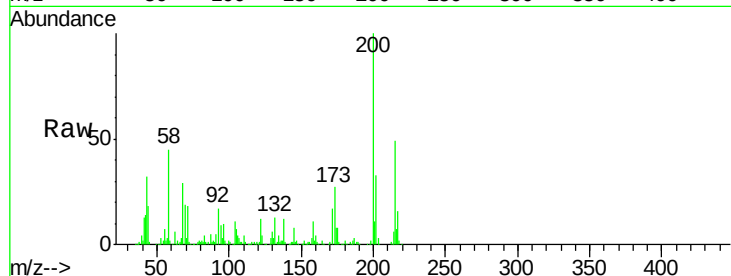
Tot Ion:200 Resp: 263170

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

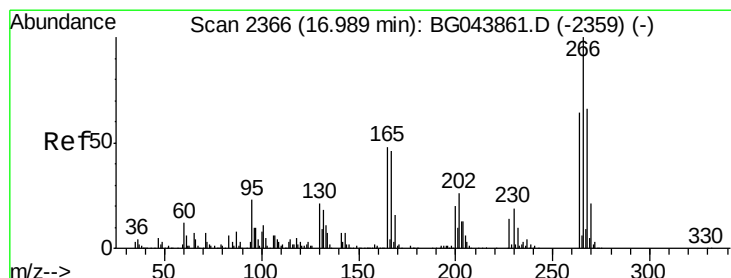
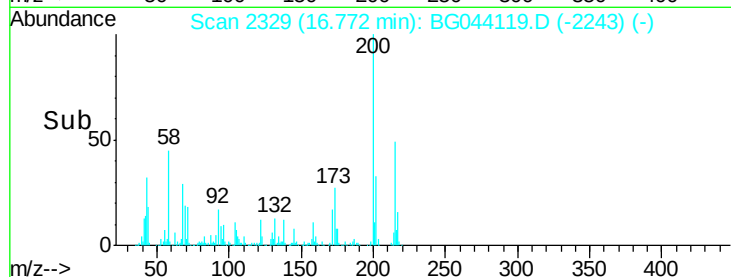
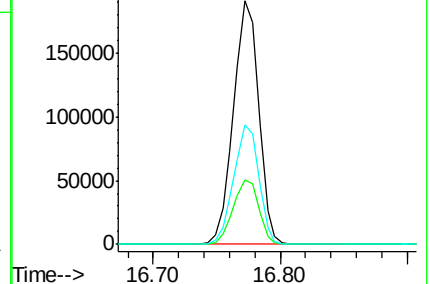
215 48.8 28.6 68.6



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: 37.542 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.02 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

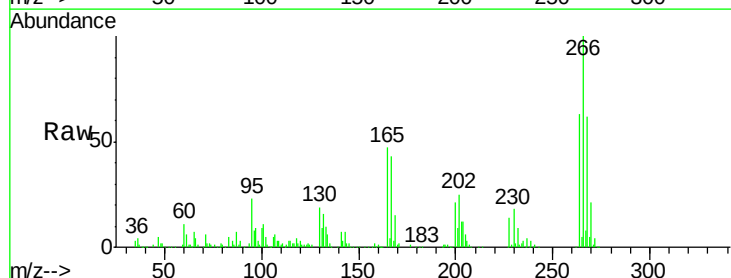
Tgt Ion:266 Resp: 154888

Ion Ratio Lower Upper

266 100

268 62.2 52.6 79.0

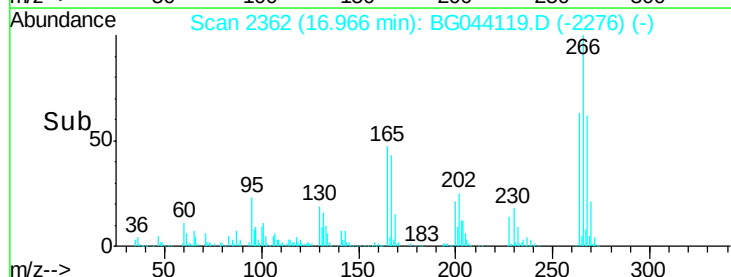
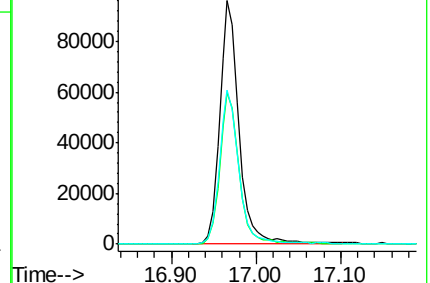
264 63.2 50.8 76.2

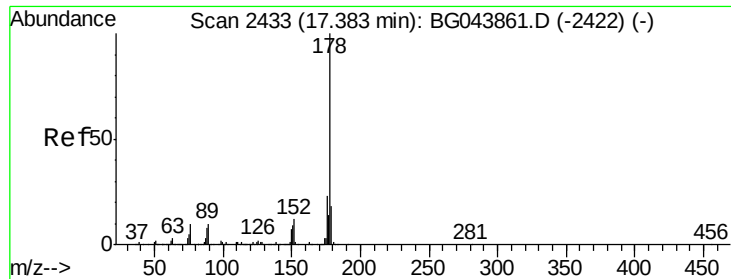


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

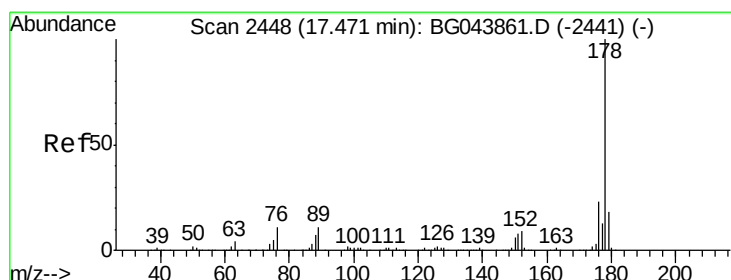
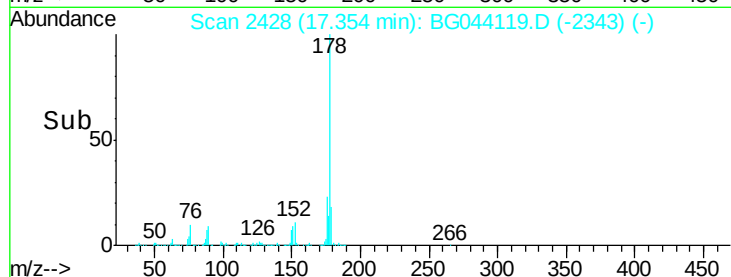
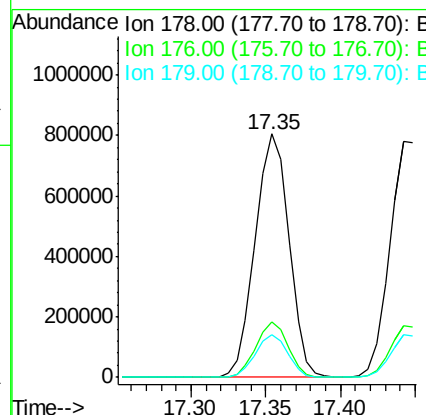
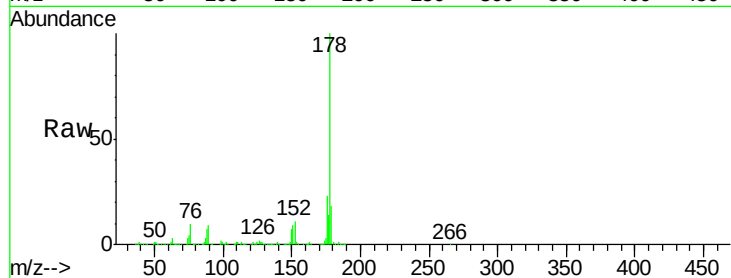




#71
Phenanthrene
Concen: 42.566 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

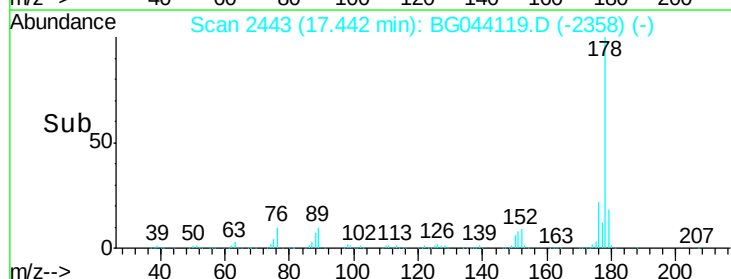
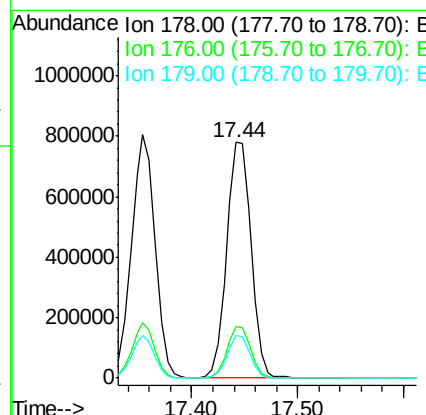
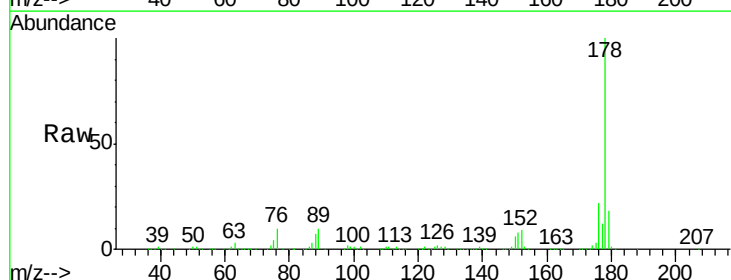
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

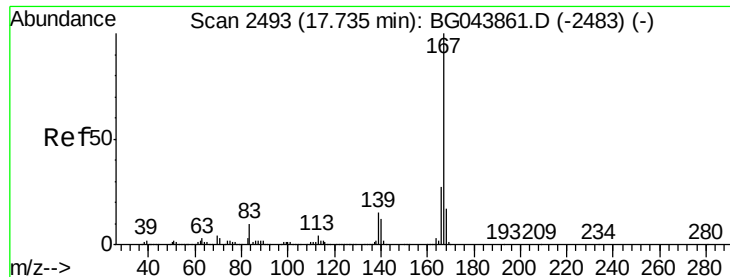
Tot Ion:178 Resp: 1260866
Ion Ratio Lower Upper
178 100
176 22.7 18.6 28.0
179 17.8 14.4 21.6



#72
Anthracene
Concen: 42.623 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Tgt Ion:178 Resp: 1247772
Ion Ratio Lower Upper
178 100
176 22.2 18.3 27.5
179 18.0 14.6 22.0





#73

Carbazole

Concen: 42.777 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

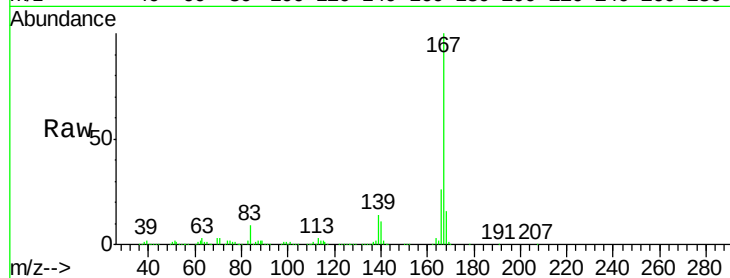
Tot Ion:167 Resp: 1156761

Ion Ratio Lower Upper

167 100

166 25.8 21.6 32.4

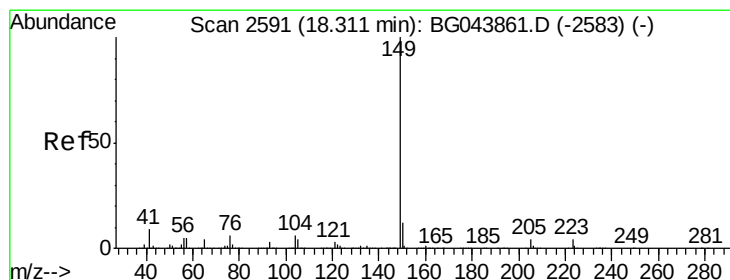
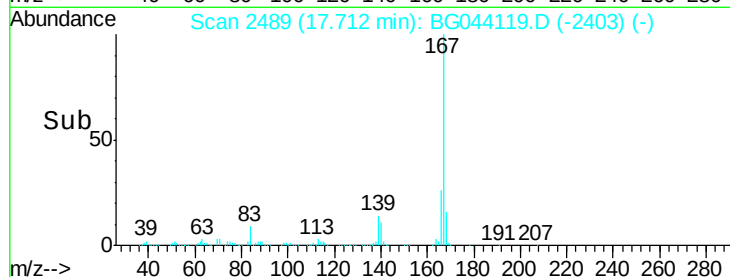
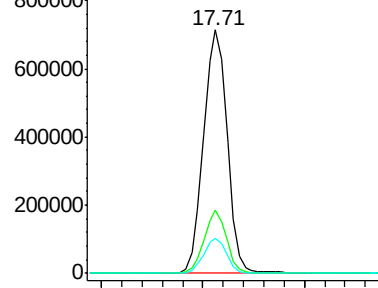
139 14.4 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.902 ng

RT: 18.28 min Scan# 2586

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

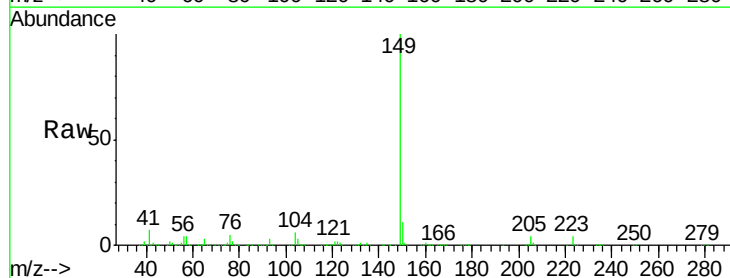
Tgt Ion:149 Resp: 1446667

Ion Ratio Lower Upper

149 100

150 10.7 9.7 14.5

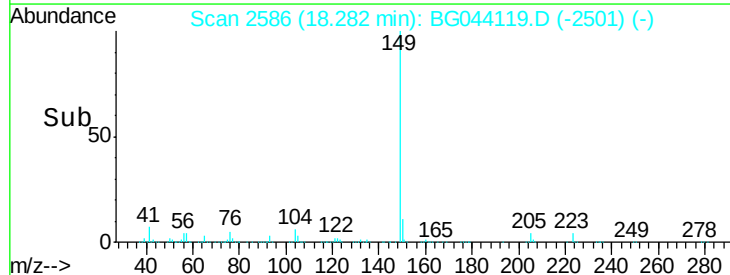
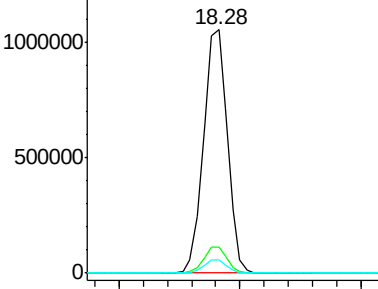
104 5.6 5.0 7.4

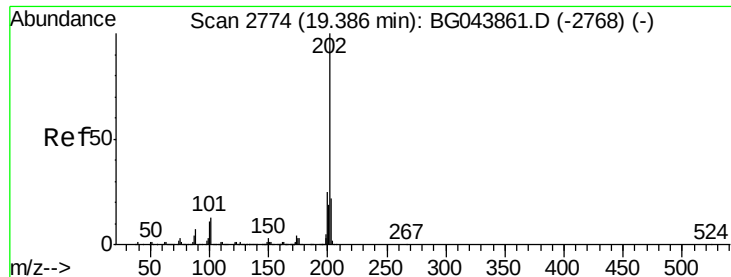


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.194 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

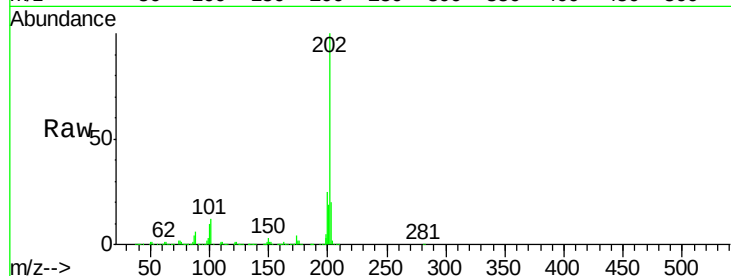
Tot Ion:202 Resp: 1429384

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.3

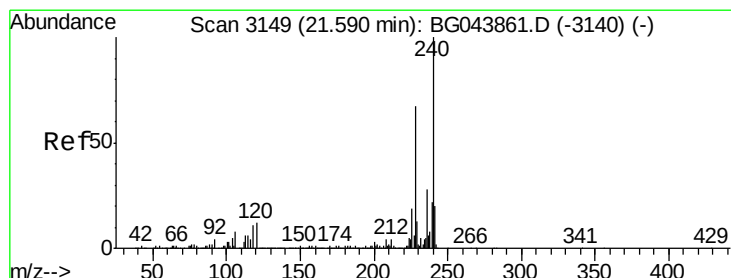
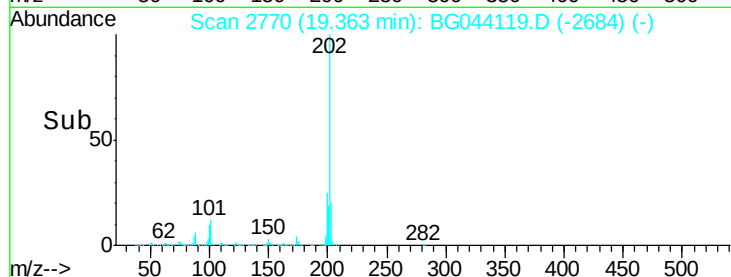
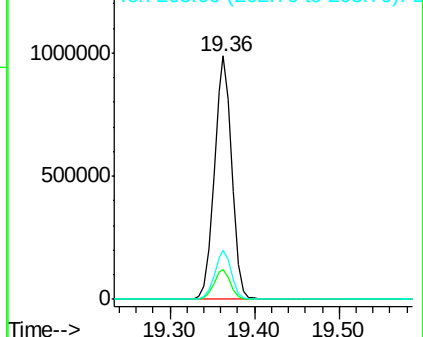
203 20.2 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

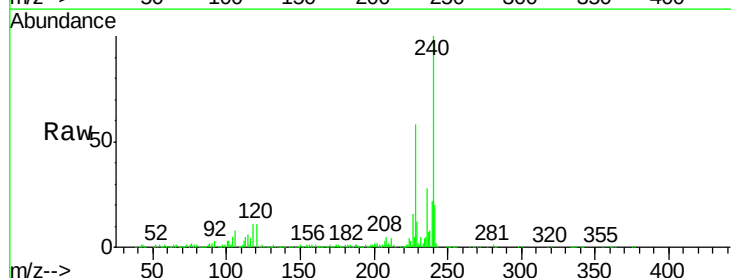
Tgt Ion:240 Resp: 522116

Ion Ratio Lower Upper

240 100

120 11.4 9.6 14.4

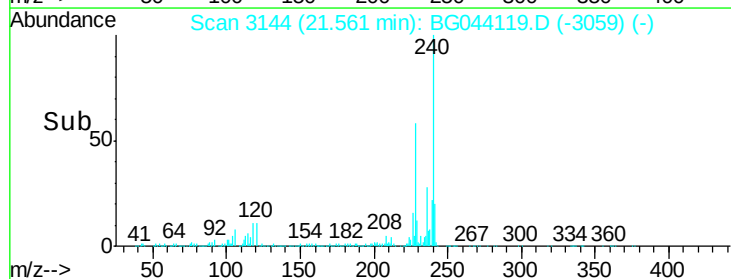
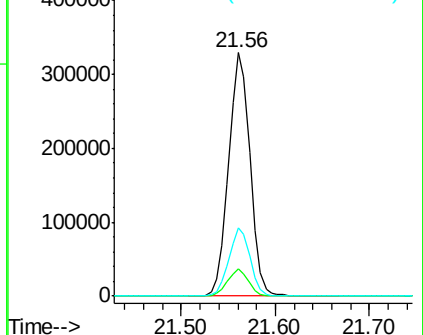
236 28.2 22.2 33.2

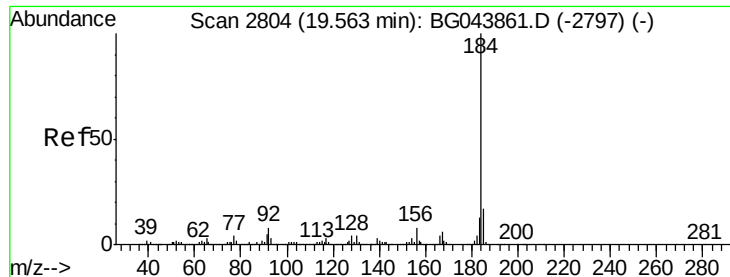


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.217 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

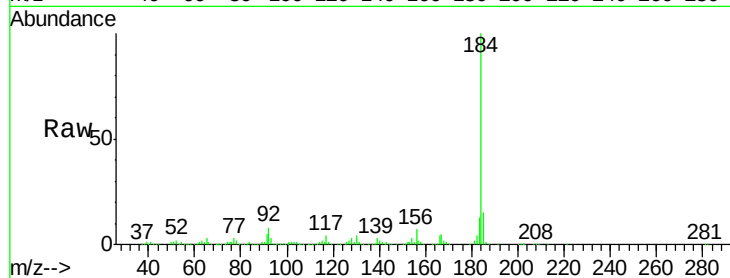
Tot Ion:184 Resp: 554043

Ion Ratio Lower Upper

184 100

185 15.2 13.4 20.0

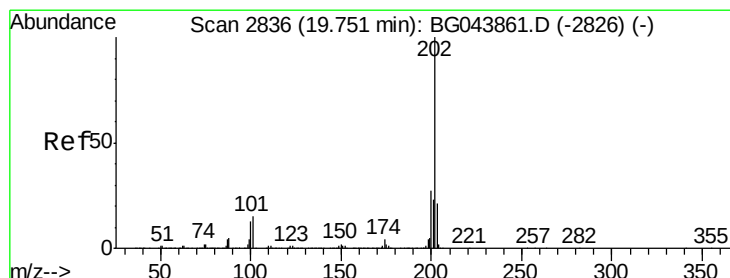
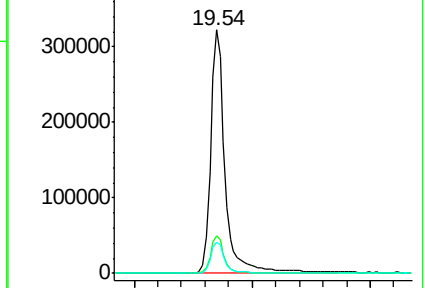
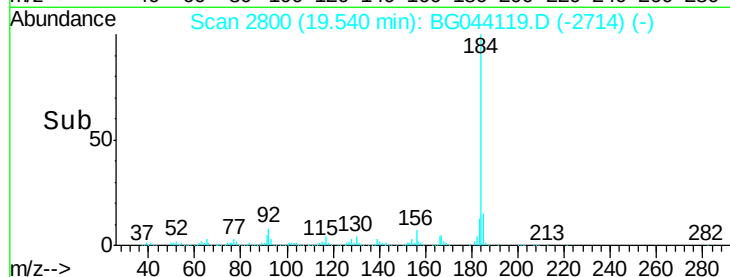
183 12.9 10.6 15.8



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: 41.854 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

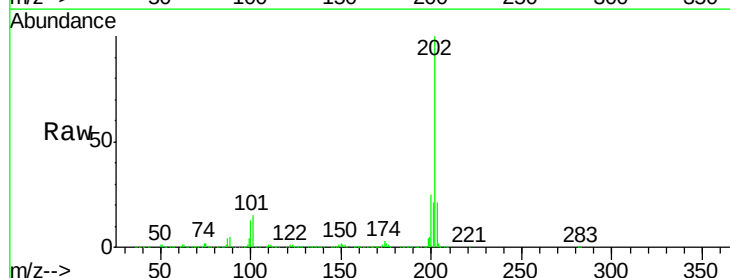
Tgt Ion:202 Resp: 1426419

Ion Ratio Lower Upper

202 100

200 25.4 21.7 32.5

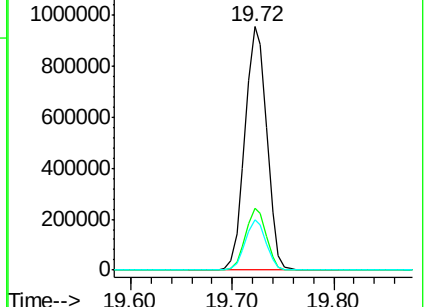
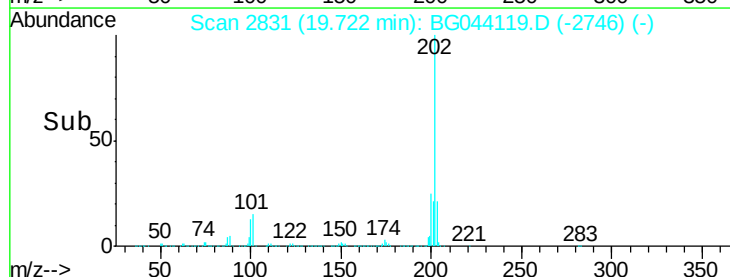
203 20.5 17.0 25.6

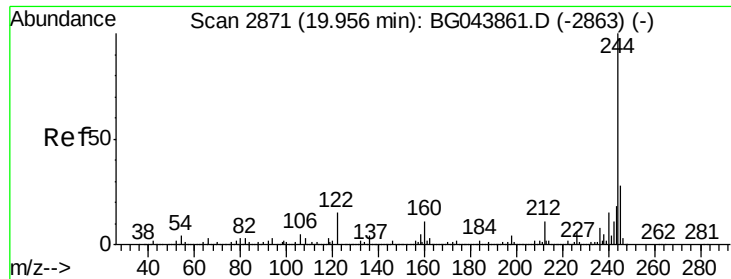


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.199 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

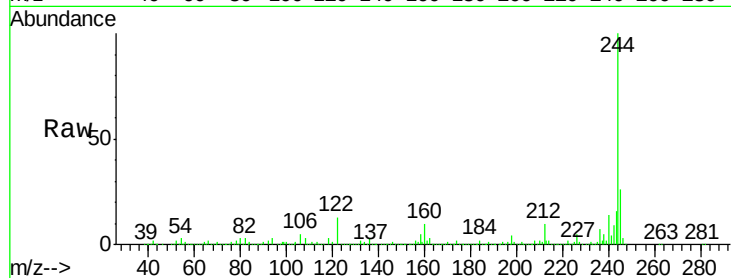
Tot Ion:244 Resp: 1937789

Ion Ratio Lower Upper

244 100

212 9.8 8.6 13.0

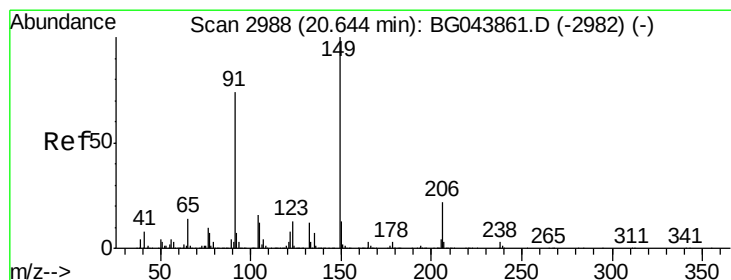
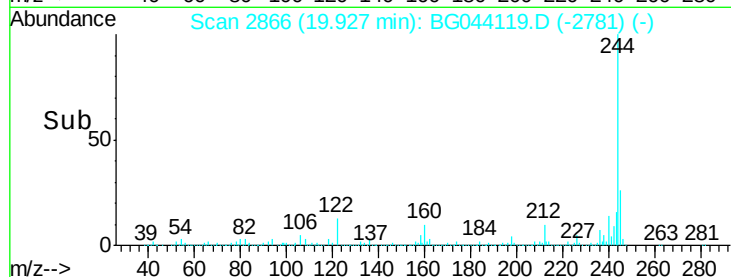
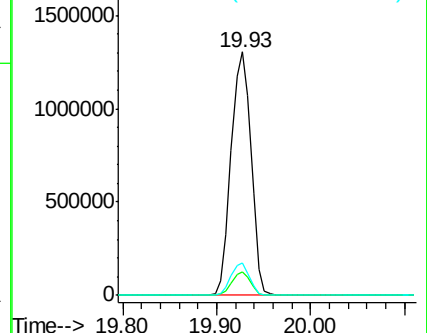
122 13.4 11.9 17.9



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: 42.970 ng

RT: 20.61 min Scan# 2983

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

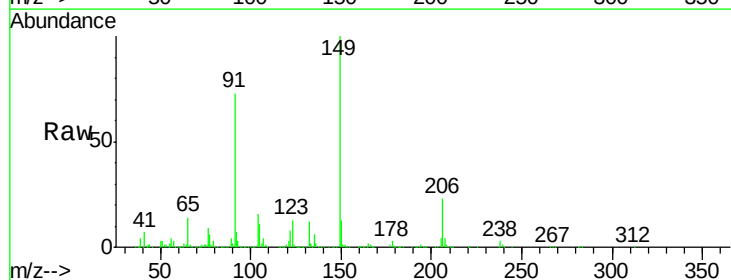
Tgt Ion:149 Resp: 697211

Ion Ratio Lower Upper

149 100

91 72.8 59.5 89.3

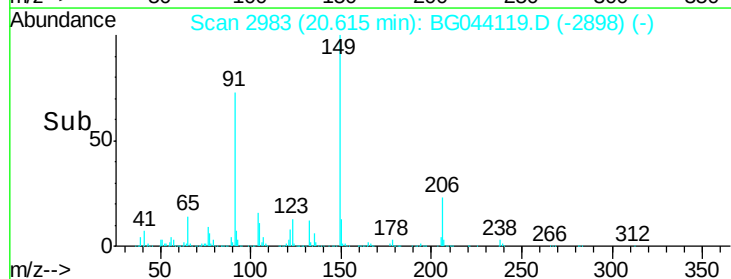
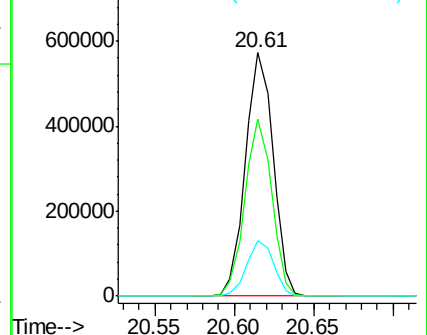
206 22.5 17.8 26.6

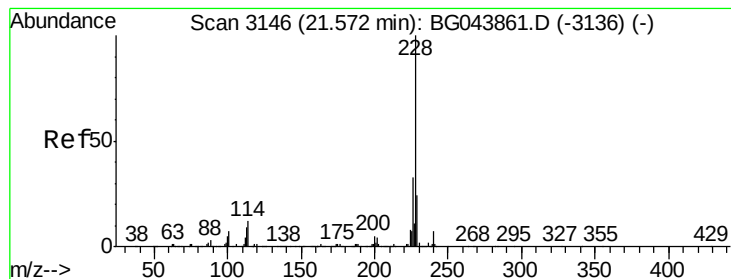


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.459 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

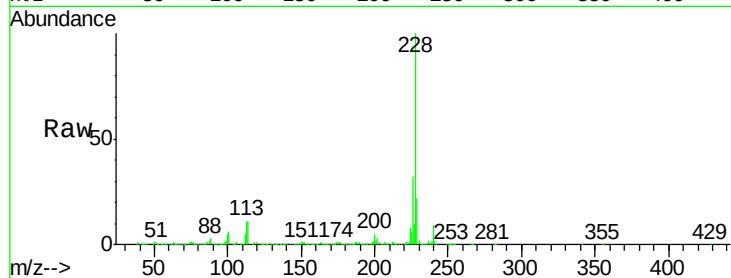
Tot Ion:228 Resp: 1374592

Ion Ratio Lower Upper

228 100

226 31.6 26.2 39.4

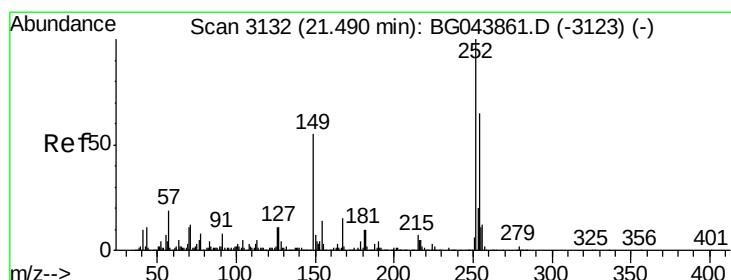
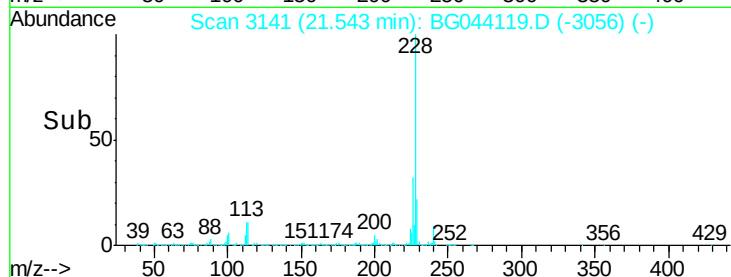
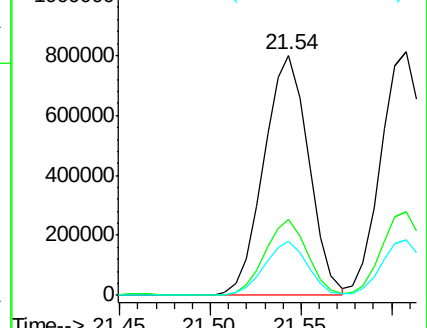
229 22.4 18.9 28.3



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: 40.986 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

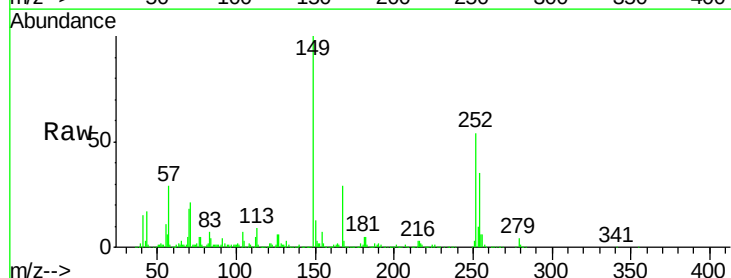
Tgt Ion:252 Resp: 524235

Ion Ratio Lower Upper

252 100

254 65.6 52.1 78.1

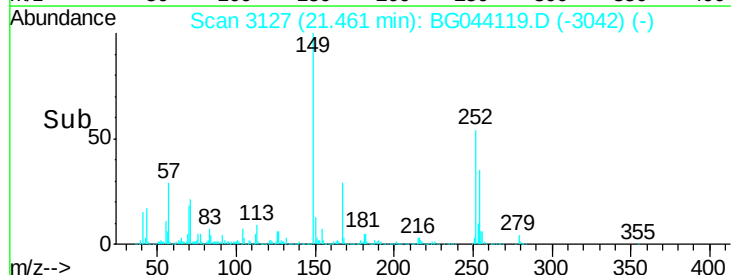
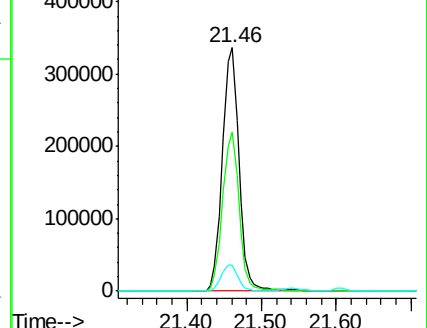
126 10.8 9.1 13.7

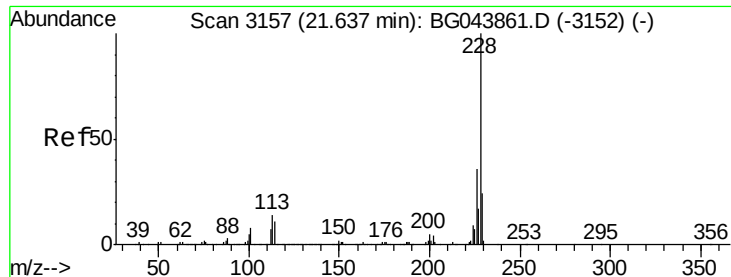


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.047 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

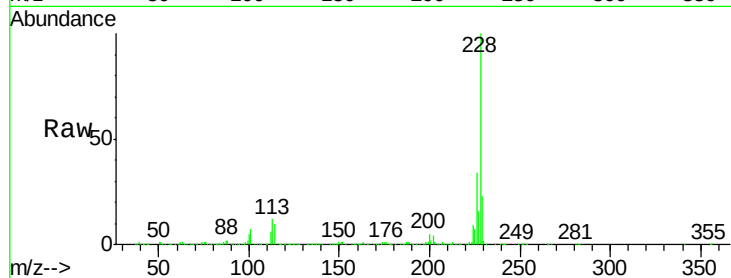
Tot Ion:228 Resp: 1324247

Ion Ratio Lower Upper

228 100

226 34.4 28.8 43.2

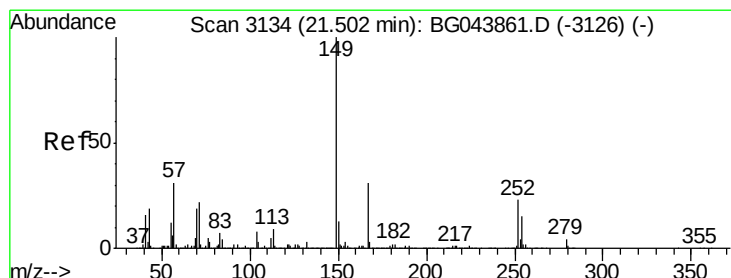
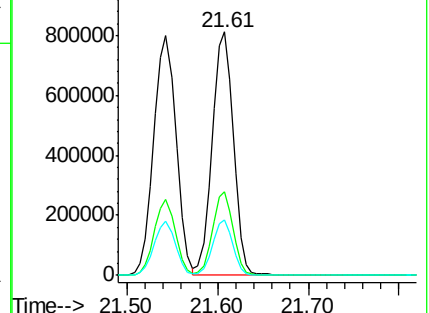
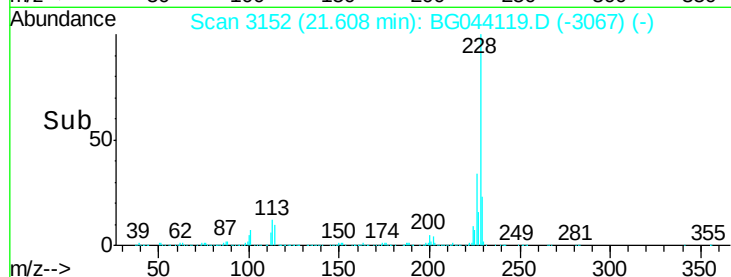
229 22.6 19.0 28.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.239 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.03 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

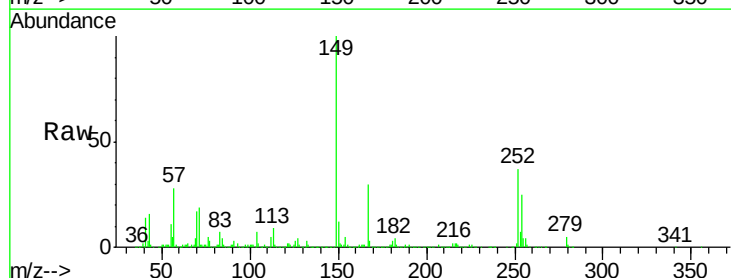
Tgt Ion:149 Resp: 945654

Ion Ratio Lower Upper

149 100

167 30.1 24.7 37.1

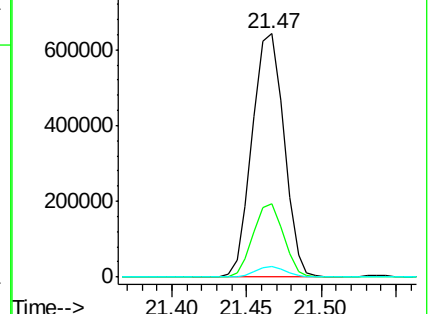
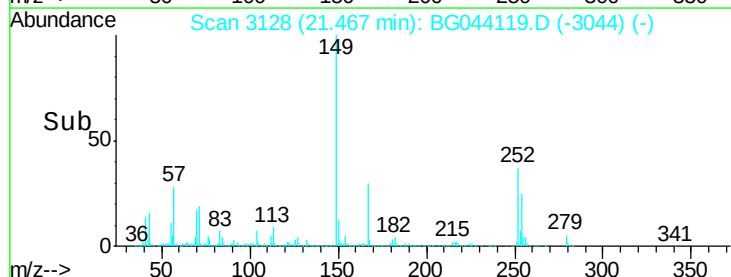
279 4.6 3.3 4.9

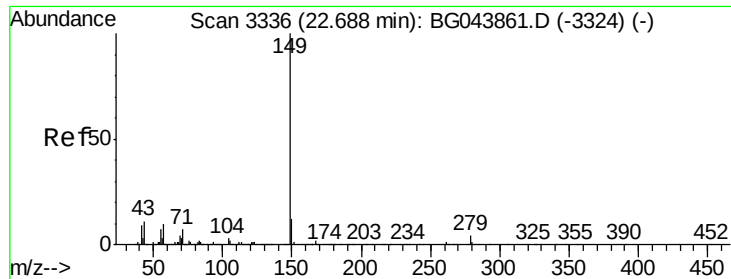


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

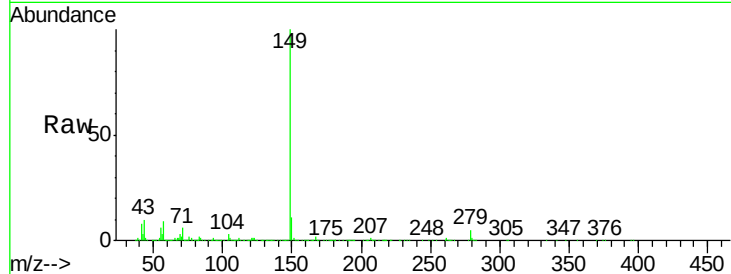




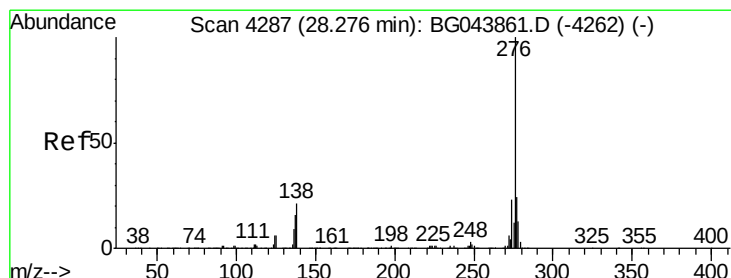
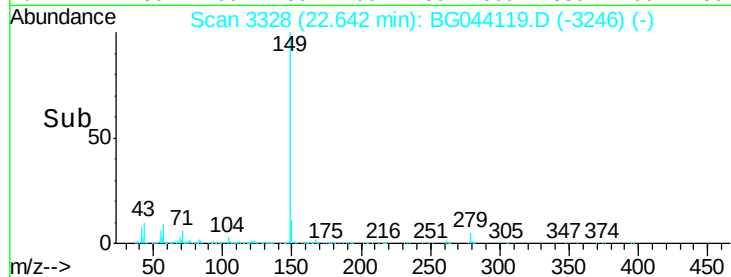
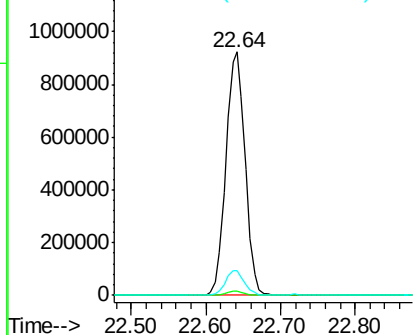
#85
Di-n-octyl phthalate
Concen: 43.795 ng
RT: 22.64 min Scan# 3328
Delta R.T. -0.05 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1648359
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.1 8.8 13.2

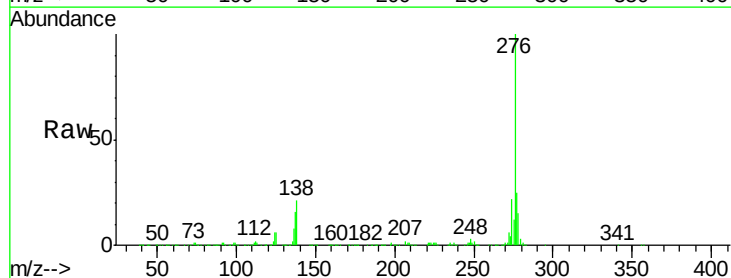


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

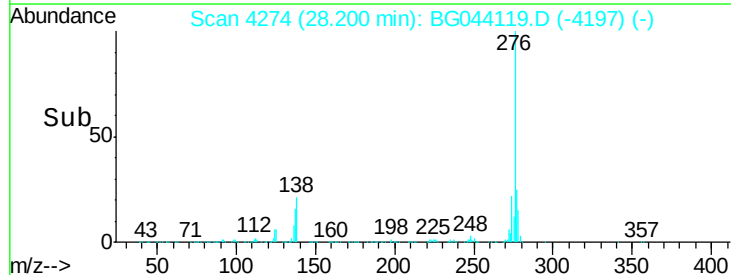
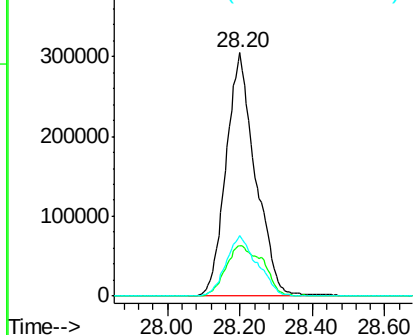


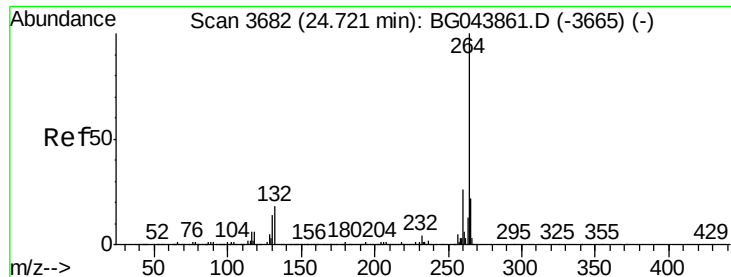
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.101 ng
RT: 28.20 min Scan# 4274
Delta R.T. -0.08 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Tgt Ion:276 Resp: 1718293
Ion Ratio Lower Upper
276 100
138 26.0 21.0 31.4
277 26.3 21.1 31.7



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: 24.67 min Scan# 3673

Delta R.T. -0.05 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

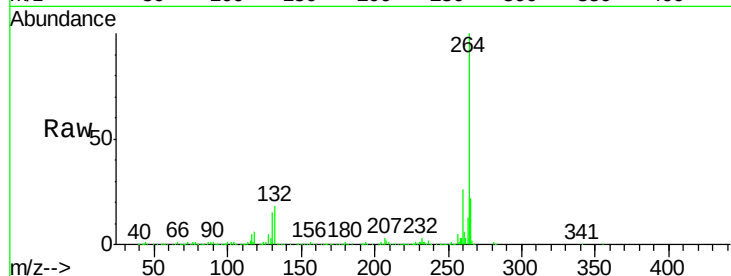
Tot Ion:264 Resp: 605148

Ion Ratio Lower Upper

264 100

260 26.0 20.4 30.6

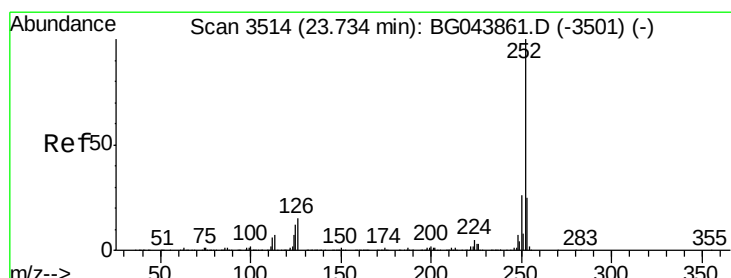
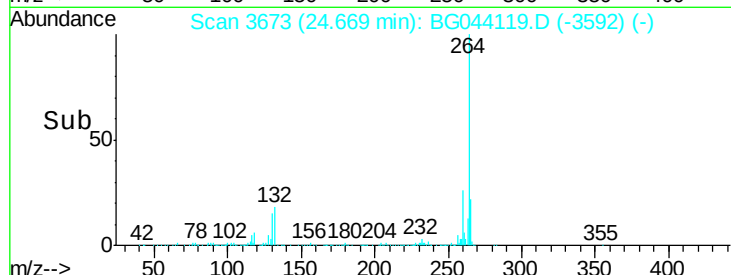
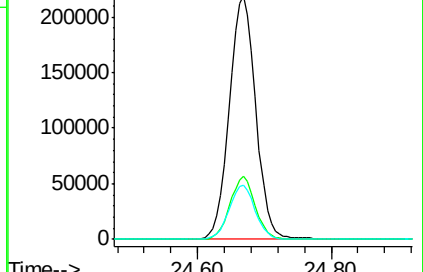
265 22.0 17.4 26.2



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: 41.355 ng

RT: 23.69 min Scan# 3506

Delta R.T. -0.05 min

Lab File: BG044119.D

Acq: 21 Jan 2020 4:49

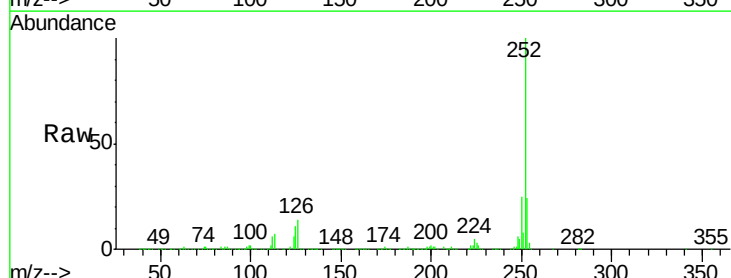
Tgt Ion:252 Resp: 1479465

Ion Ratio Lower Upper

252 100

253 23.7 19.7 29.5

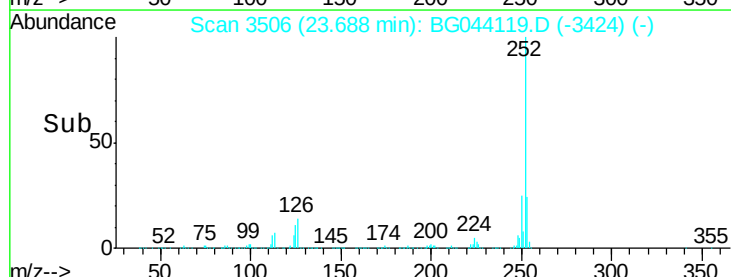
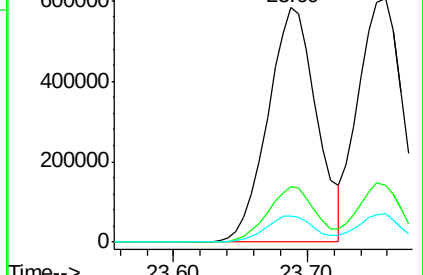
125 11.3 9.4 14.2

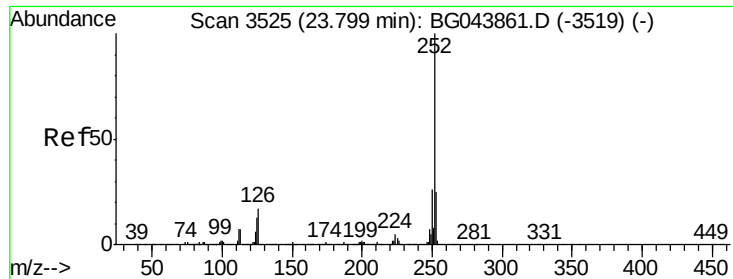


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

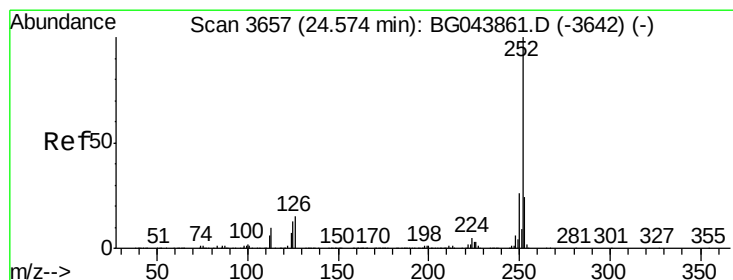
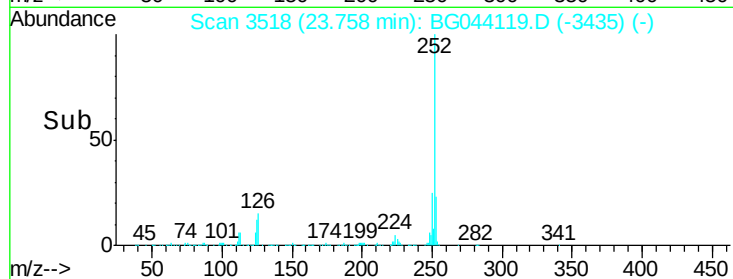
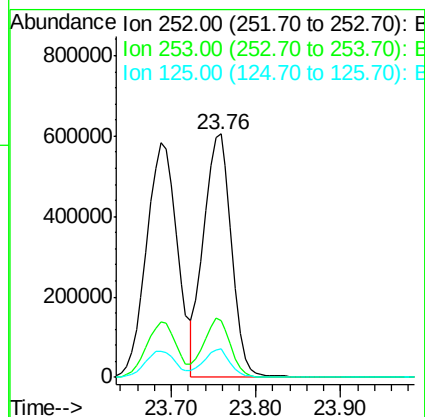
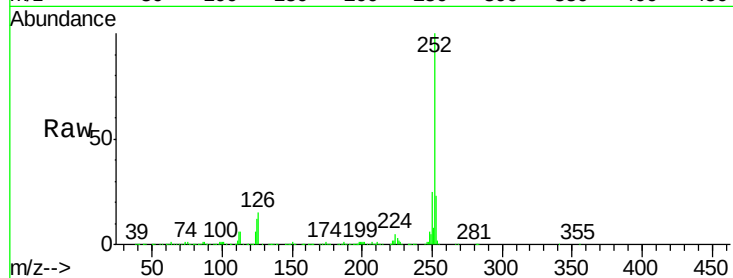




#89
Benzo(k)fluoranthene
Concen: 41.003 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.04 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

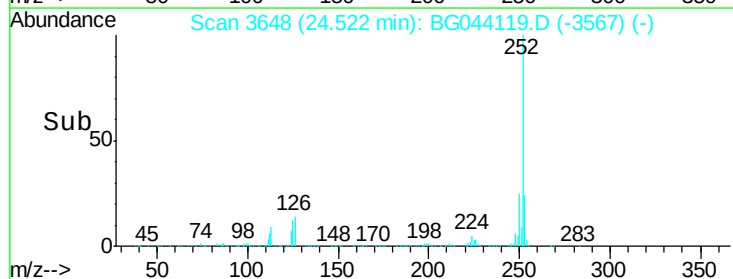
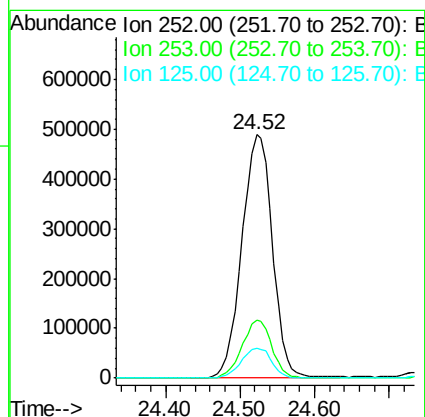
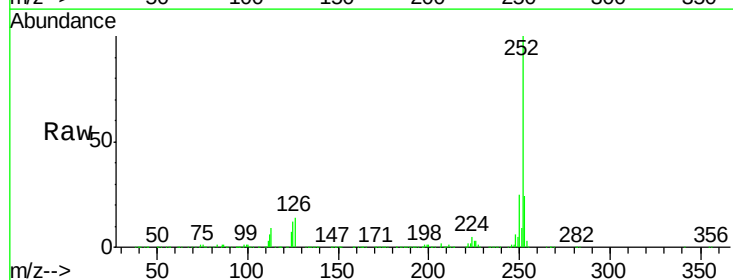
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

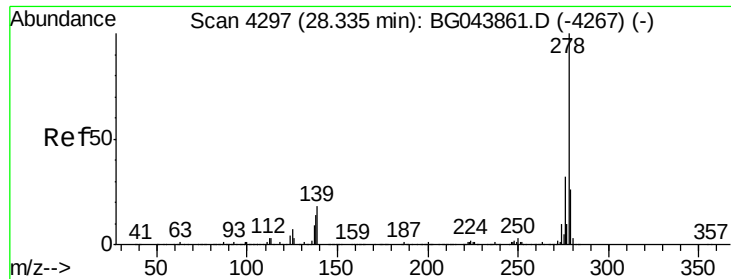
Tot Ion:252 Resp: 1394918
Ion Ratio Lower Upper
252 100
253 23.5 19.4 29.2
125 11.5 9.9 14.9



#90
Benzo(a)pyrene
Concen: 41.167 ng
RT: 24.52 min Scan# 3648
Delta R.T. -0.05 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Tgt Ion:252 Resp: 1390005
Ion Ratio Lower Upper
252 100
253 23.7 19.3 28.9
125 12.3 10.4 15.6



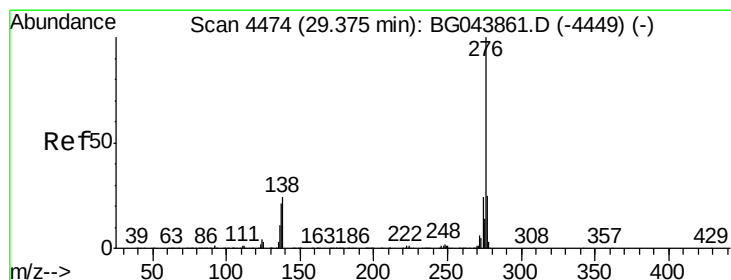
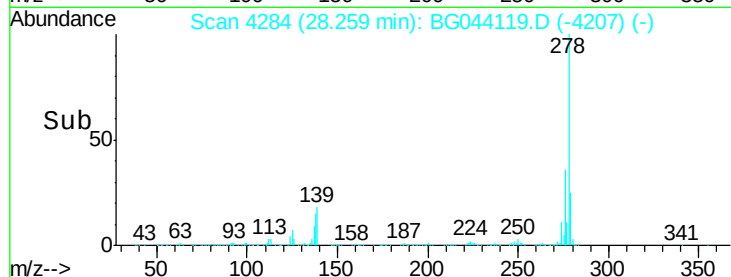
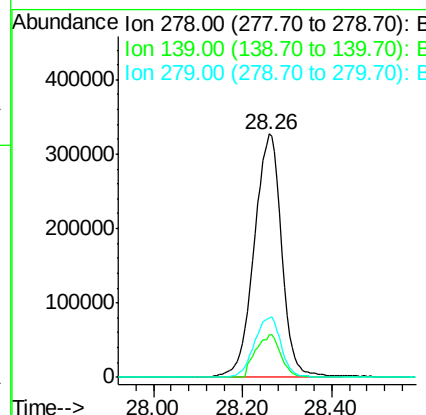
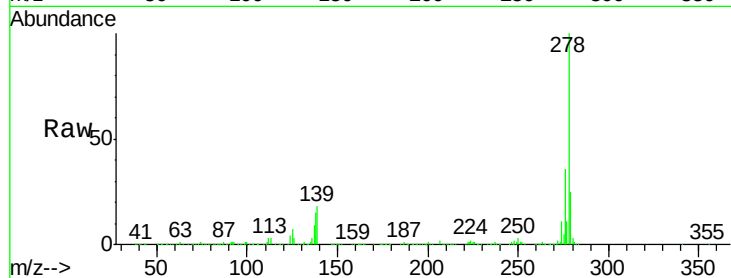


#91
Dibenzo(a,h)anthracene
Concen: 40.765 ng
RT: 28.26 min Scan# 4284
Delta R.T. -0.08 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1382337

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.2	21.4
279	24.6	20.6	30.8



#92
Benzo(g,h,i)perylene
Concen: 41.178 ng
RT: 29.30 min Scan# 4461
Delta R.T. -0.08 min
Lab File: BG044119.D
Acq: 21 Jan 2020 4:49

Tgt Ion:276 Resp: 1387027

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.2	30.4
138	22.6	19.0	28.6

