

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
 Data File : BG040927.D
 Acq On : 14 May 2019 1:44
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: May 14 02:20:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	54792	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	251781	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	183840	20.00	ng	-0.03
64) Phenanthrene-d10	17.50	188	450162	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	438773	20.00	ng	-0.04
87) Perylene-d12	25.13	264	479520	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	281209	90.47	ng	-0.03
7) Phenol-d6	7.27	99	440016	91.94	ng	-0.02
23) Nitrobenzene-d5	9.31	82	474937	87.16	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	249437	98.71	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	1112317	87.38	ng	-0.03
79) Terphenyl-d14	20.09	244	1777437	89.75	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	54590	38.618	ng	87
3) Pyridine	3.94	79	168607	41.150	ng	93
4) n-Nitrosodimethylamine	3.85	42	82412	36.262	ng	# 87
6) Aniline	7.45	93	259704	40.940	ng	99
8) 2-Chlorophenol	7.68	128	170495	44.922	ng	97
9) Benzaldehyde	7.27	77	123867	44.499	ng	97
10) Phenol	7.30	94	234836	45.647	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	162280	42.065	ng	96
12) 1,3-Dichlorobenzene	8.01	146	183935	44.401	ng	95
13) 1,4-Dichlorobenzene	8.17	146	186530	44.418	ng	98
14) 1,2-Dichlorobenzene	8.48	146	178853	44.162	ng	97
15) Benzyl Alcohol	8.37	79	198533	39.868	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	259082	33.731	ng	92
17) 2-Methylphenol	8.56	107	164855	45.280	ng	91
18) Hexachloroethane	9.21	117	73196	42.490	ng	97
19) n-Nitroso-di-n-propylamine	8.94	70	165637	38.447	ng	92
20) 3+4-Methylphenols	8.89	107	227315	44.819	ng	97
22) Acetophenone	8.96	105	291780	41.675	ng	# 95
24) Nitrobenzene	9.35	77	248875	42.807	ng	99
25) Isophorone	9.86	82	462809	38.130	ng	98
26) 2-Nitrophenol	10.06	139	111805	53.649	ng	96
27) 2,4-Dimethylphenol	10.10	122	166471	42.574	ng	98
28) bis(2-Chloroethoxy)methane	10.35	93	247020	40.563	ng	97
29) 2,4-Dichlorophenol	10.59	162	217312	48.885	ng	95
30) 1,2,4-Trichlorobenzene	10.80	180	233783	47.424	ng	93
31) Naphthalene	11.00	128	568146	42.474	ng	100
32) Benzoic acid	10.25	122	126195	47.144	ng	94
33) 4-Chloroaniline	11.11	127	248205	41.851	ng	94
34) Hexachlorobutadiene	11.26	225	181508	49.873	ng	98
35) Caprolactam	11.92	113	68655	39.118	ng	# 75
36) 4-Chloro-3-methylphenol	12.21	107	251532	44.853	ng	99
37) 2-Methylnaphthalene	12.60	142	441029	44.098	ng	98
38) 1-Methylnaphthalene	12.81	142	422567	43.227	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	328476	47.963	ng	# 98

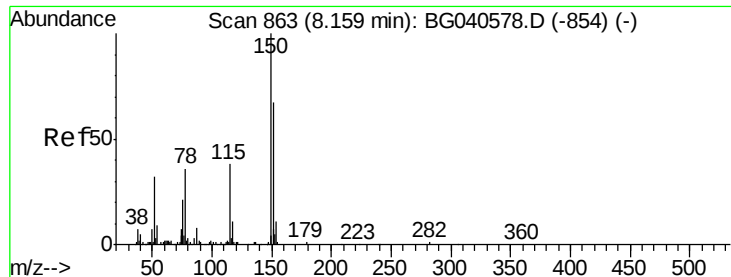
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	139559	34.534	nq	99
43) 2,4,6-Trichlorophenol	13.20	196	201045	48.578	nq	96
44) 2,4,5-Trichlorophenol	13.27	196	216508	48.023	nq	95
46) 1,1'-Biphenyl	13.60	154	609849	42.726	nq	96
47) 2-Chloronaphthalene	13.64	162	497504	44.538	nq	96
48) 2-Nitroaniline	13.85	65	178640	44.927	nq	94
49) Acenaphthylene	14.49	152	790379	41.705	nq	99
50) Dimethylphthalate	14.21	163	651598	42.362	nq	100
51) 2,6-Dinitrotoluene	14.34	165	148880	49.594	nq	90
52) Acenaphthene	14.82	154	456487	41.360	nq	95
53) 3-Nitroaniline	14.67	138	134283	43.657	nq #	90
54) 2,4-Dinitrophenol	14.87	184	53437	35.809	nq #	92
55) Dibenzofuran	15.16	168	778988	43.092	nq	98
56) 4-Nitrophenol	14.96	139	108132	40.542	nq #	83
57) 2,4-Dinitrotoluene	15.12	165	210236	51.538	nq	92
58) Fluorene	15.80	166	615578	42.130	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	210765	46.447	nq #	95
60) Diethylphthalate	15.56	149	669634	41.262	nq	97
61) 4-Chlorophenyl-phenylether	15.79	204	389006	45.776	nq	97
62) 4-Nitroaniline	15.83	138	145109	42.174	nq	89
63) Azobenzene	16.08	77	618178	36.987	nq	95
65) 4,6-Dinitro-2-methylphenol	15.88	198	100647	45.764	nq	88
66) n-Nitrosodiphenylamine	16.00	169	551711	41.657	nq	96
67) 4-Bromophenyl-phenylether	16.69	248	260627	46.471	nq	91
68) Hexachlorobenzene	16.80	284	268738	46.341	nq	92
69) Atrazine	16.94	200	179267	34.164	nq	98
70) Pentachlorophenol	17.14	266	152489	44.936	nq	98
71) Phenanthrene	17.54	178	1006595	41.514	nq	98
72) Anthracene	17.64	178	1003003	41.154	nq	99
73) Carbazole	17.91	167	867600	39.072	nq	98
74) Di-n-butylphthalate	18.44	149	1061095	39.591	nq	99
75) Fluoranthene	19.55	202	1238606	40.992	nq	99
77) Benzidine	19.73	184	414973	34.541	nq	98
78) Pyrene	19.91	202	1240486	45.108	nq	98
80) Butylbenzylphthalate	20.78	149	479228	44.711	nq	94
81) Benzo(a)anthracene	21.76	228	1264788	45.610	nq	99
82) 3,3'-Dichlorobenzidine	21.68	252	444090	44.930	nq	98
83) Chrysene	21.83	228	1215501	46.089	nq	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	668653	43.217	nq	96
85) Di-n-octyl phthalate	22.88	149	1141933	43.824	nq	95
86) Indeno(1,2,3-cd)pyrene	28.98	276	1487996	46.666	nq #	90
88) Benzo(b)fluoranthene	24.06	252	1261713	43.058	nq	99
89) Benzo(k)fluoranthene	24.13	252	1173869	42.895	nq	97
90) Benzo(a)pyrene	24.98	252	1195807	43.112	nq	99
91) Dibenzo(a,h)anthracene	29.05	278	1197073	42.647	nq	96
92) Benzo(g,h,i)perylene	30.20	276	1195878	42.808	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

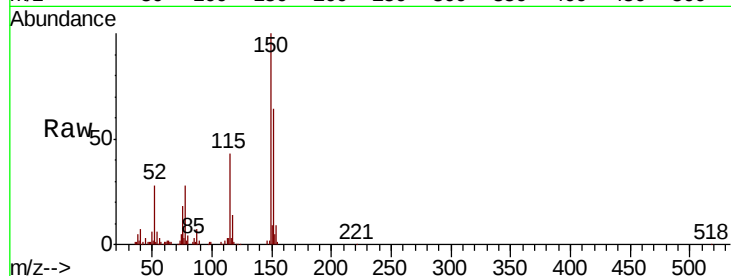
Tot Ion:152 Resp: 54792

Ion Ratio Lower Upper

152 100

150 157.0 120.2 180.2

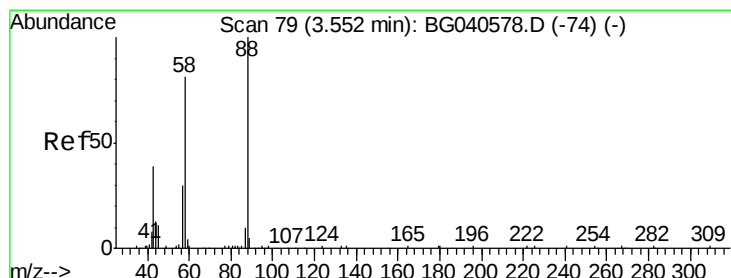
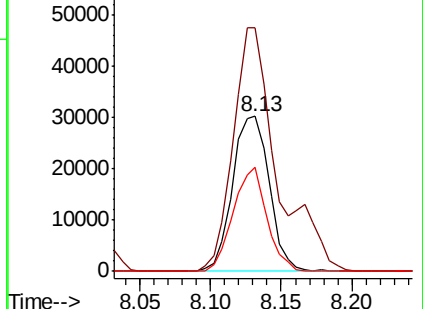
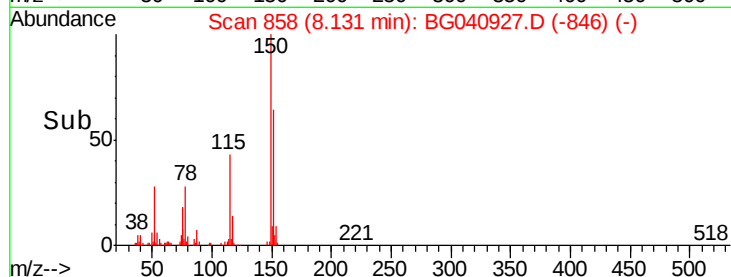
115 67.5 46.2 69.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.618 ng

RT: 3.53 min Scan# 75

Delta R.T. -0.02 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

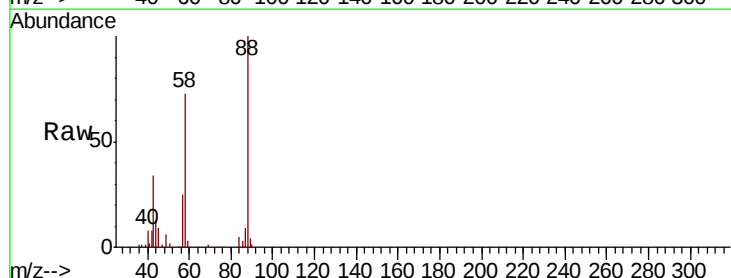
Tgt Ion: 88 Resp: 54590

Ion Ratio Lower Upper

88 100

58 76.2 71.2 106.8

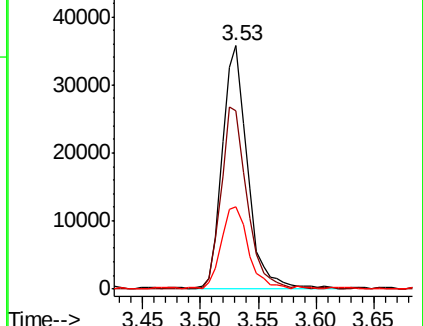
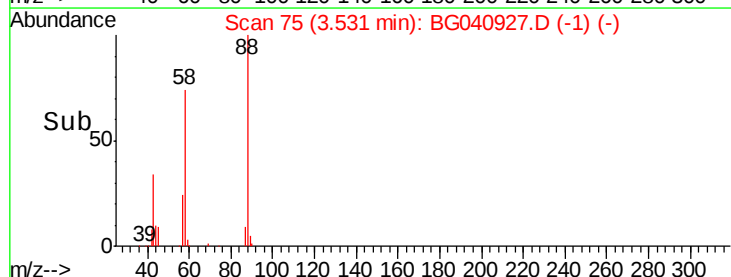
43 36.2 35.6 53.4

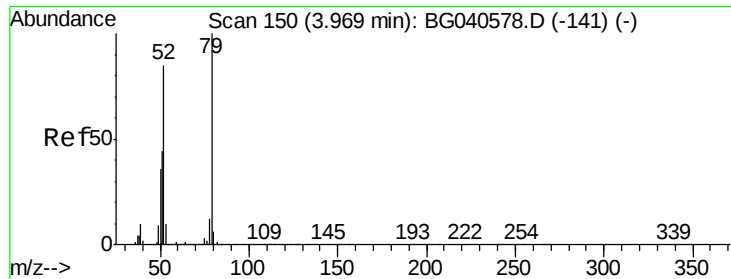


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.150 ng

RT: 3.94 min Scan# 144

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

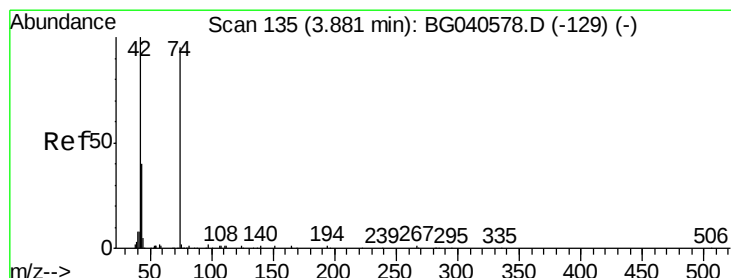
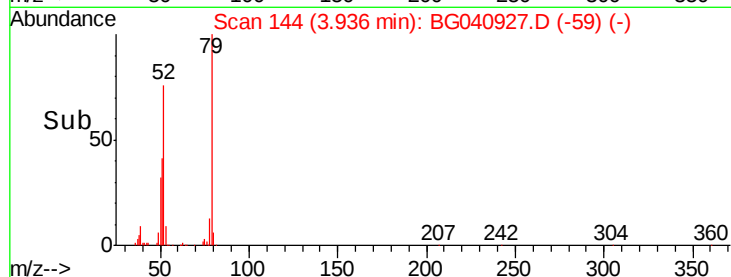
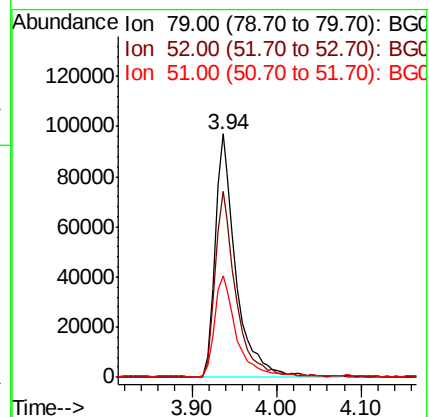
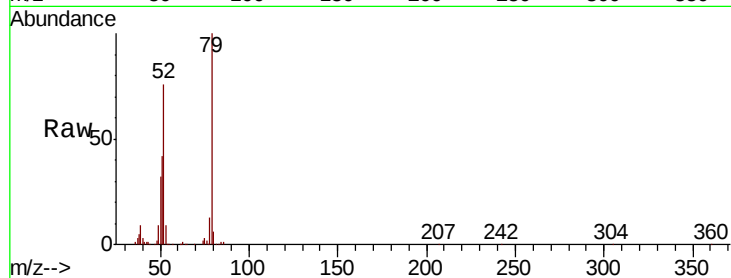
Tot Ion: 79 Resp: 168607

Ion Ratio Lower Upper

79 100

52 76.4 67.5 101.3

51 41.8 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 36.262 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

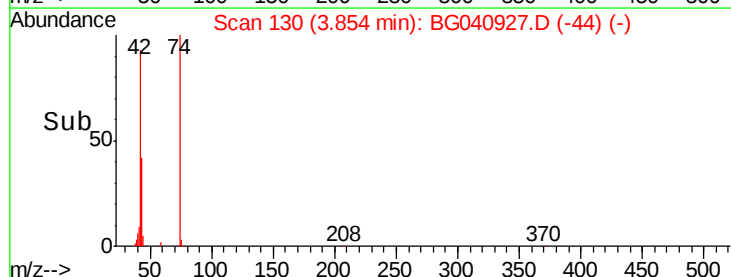
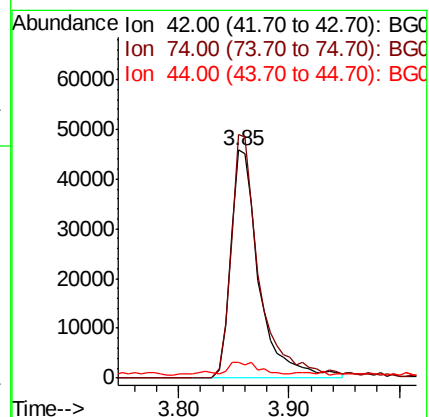
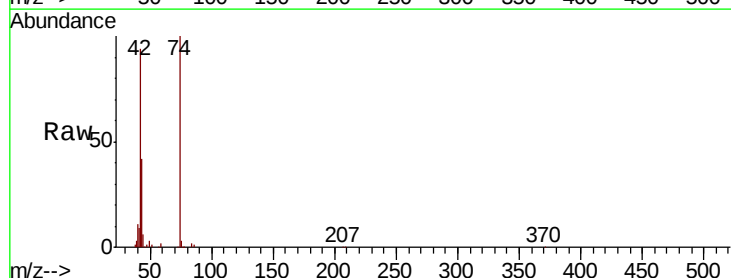
Tgt Ion: 42 Resp: 82412

Ion Ratio Lower Upper

42 100

74 106.7 74.6 111.8

44 6.7 7.4 11.0#





#5

2-Fluorophenol

Concen: 90.470 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

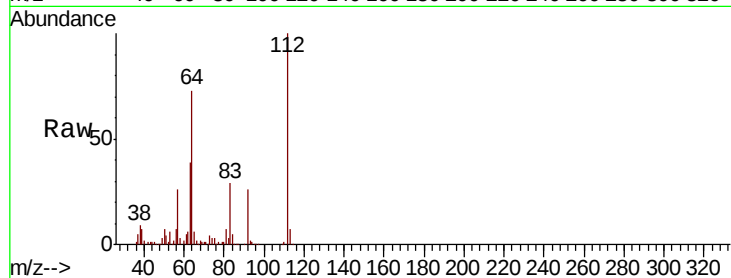
Tot Ion:112 Resp: 281209

Ion Ratio Lower Upper

112 100

64 72.9 61.4 92.0

63 39.3 37.8 56.6



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

5.66

200000

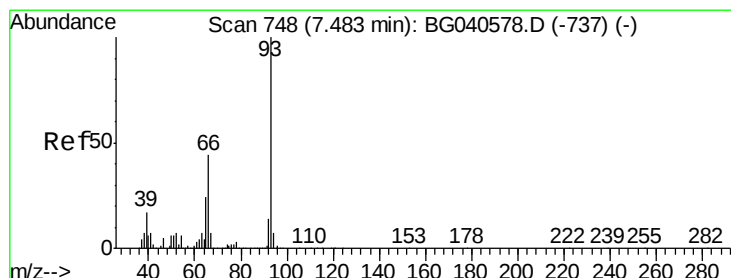
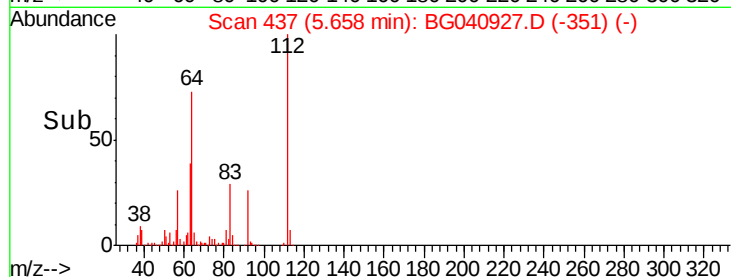
150000

100000

50000

0

Time-->



#6

Aniline

Concen: 40.940 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

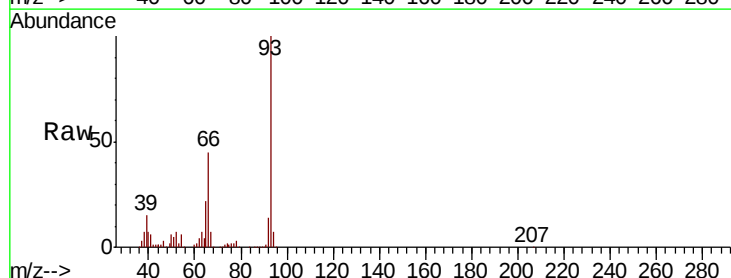
Tgt Ion: 93 Resp: 259704

Ion Ratio Lower Upper

93 100

66 44.5 35.5 53.3

65 22.2 19.2 28.8



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

7.45

200000

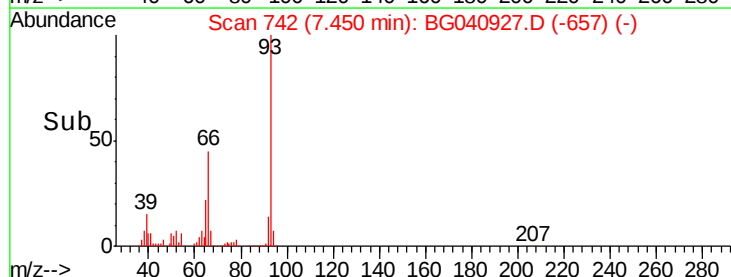
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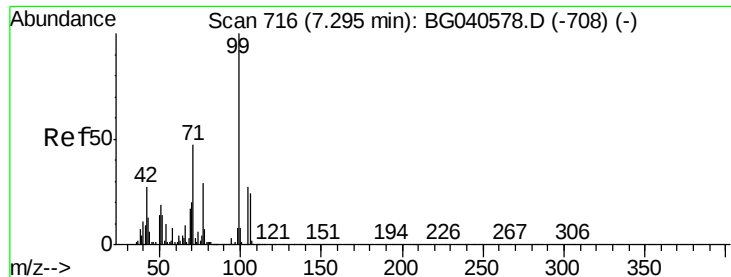
100000

50000

0

Time-->





#7

Phenol-d6

Concen: 91.940 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

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ClientSampleId :

SSTDCCC040

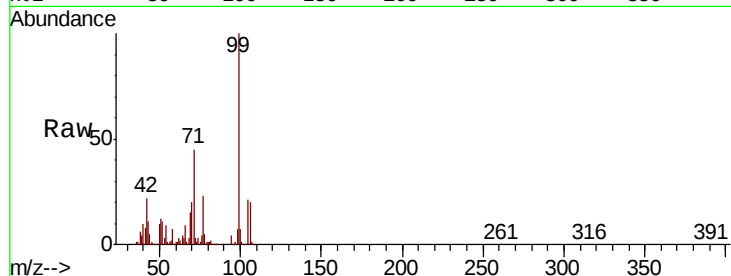
Tot Ion: 99 Resp: 440016

Ion Ratio Lower Upper

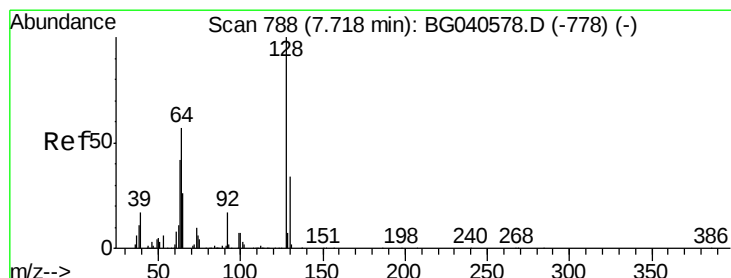
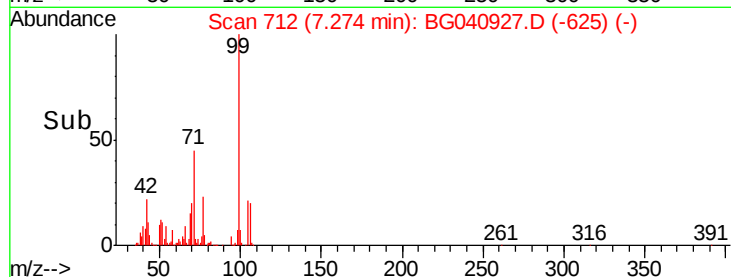
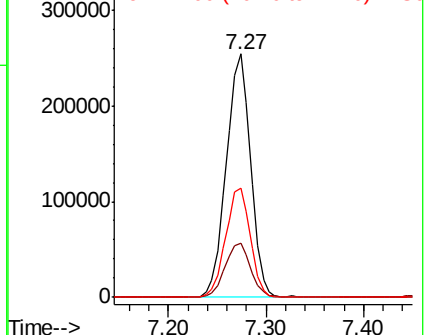
99 100

42 22.5 21.8 32.8

71 44.7 38.6 57.8



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: 44.922 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

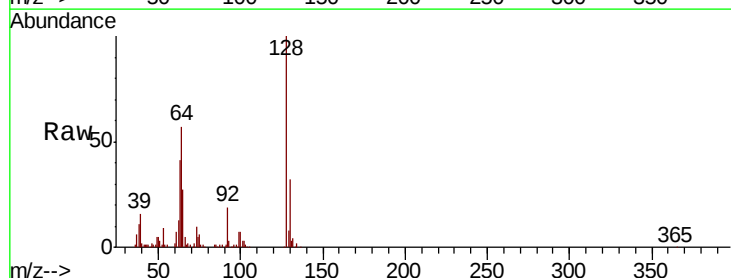
Tgt Ion: 128 Resp: 170495

Ion Ratio Lower Upper

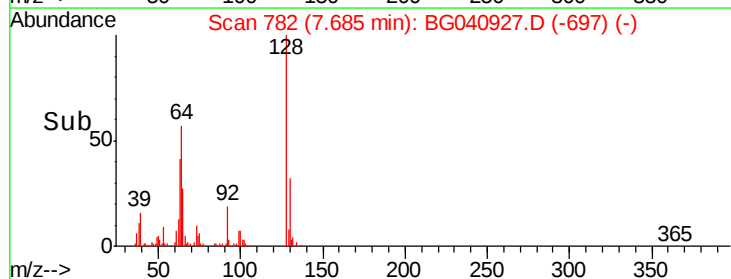
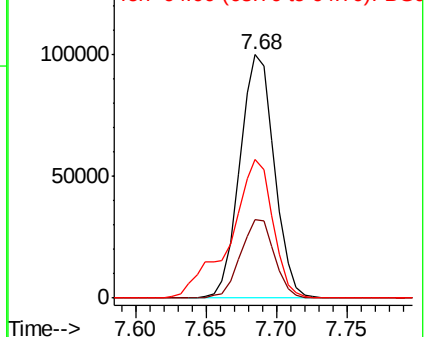
128 100

130 32.1 14.5 54.5

64 56.9 38.4 78.4



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





#9

Benzaldehyde

Concen: 44.499 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

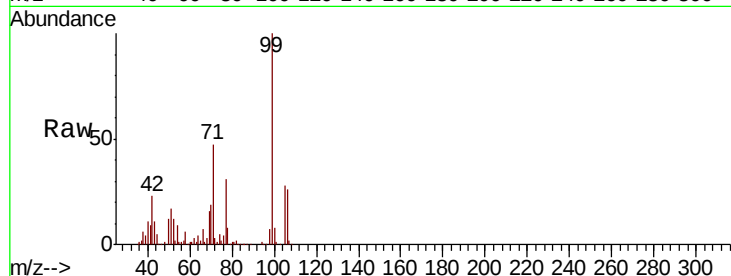
Tot Ion: 77 Resp: 123867

Ion Ratio Lower Upper

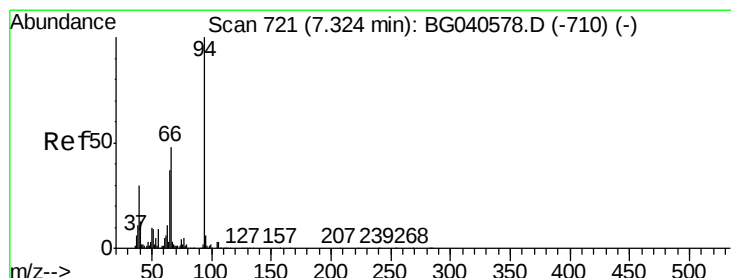
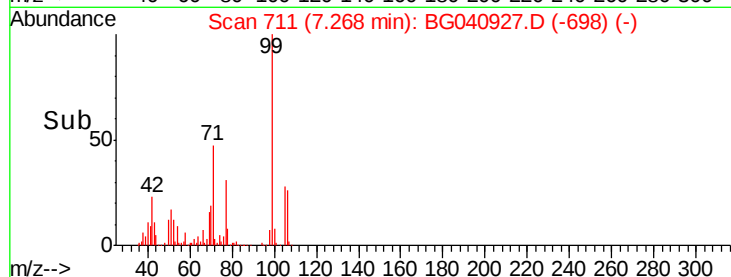
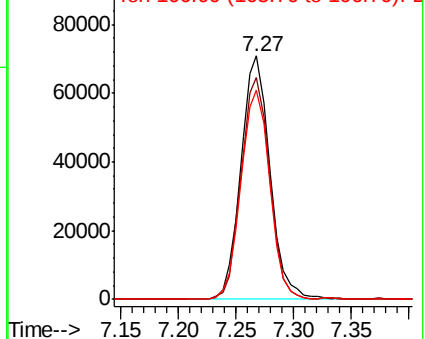
77 100

105 91.3 72.0 112.0

106 85.9 61.2 101.2



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



#10

Phenol

Concen: 45.647 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

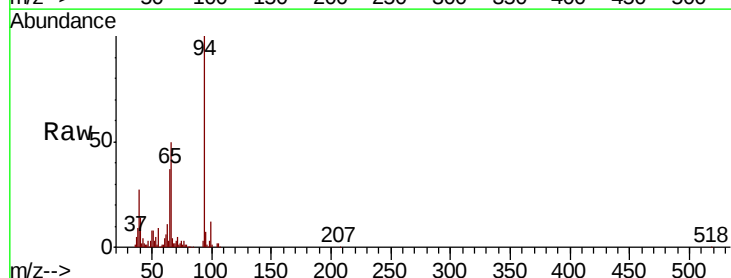
Tgt Ion: 94 Resp: 234836

Ion Ratio Lower Upper

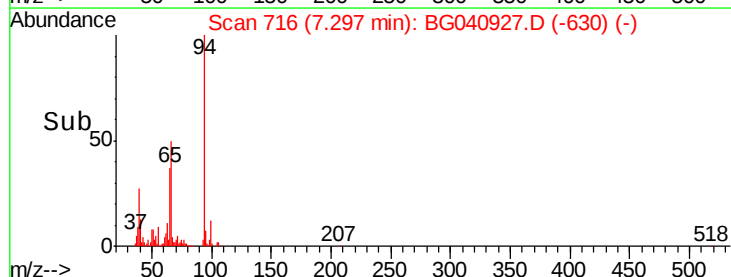
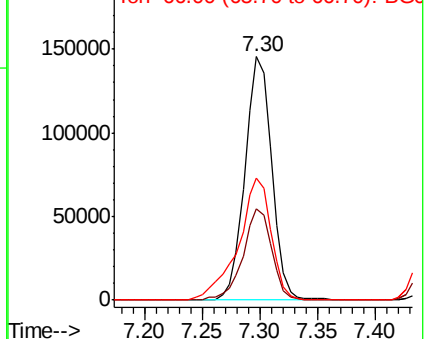
94 100

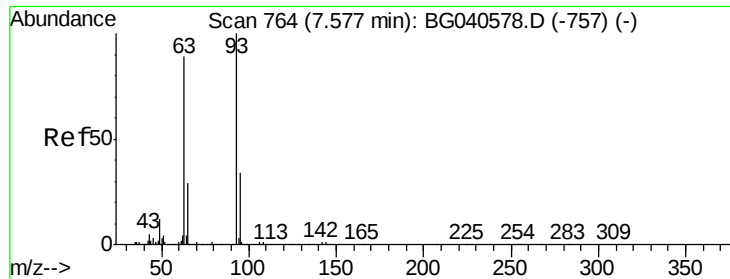
65 37.3 17.0 57.0

66 49.9 28.6 68.6



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

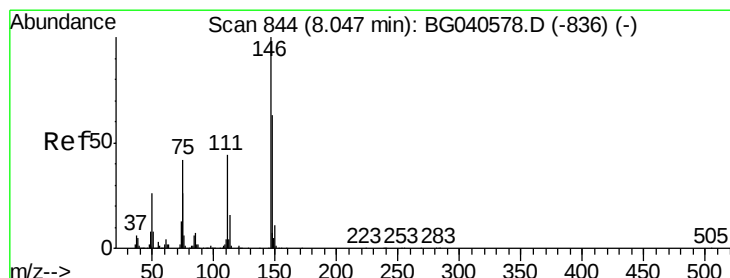
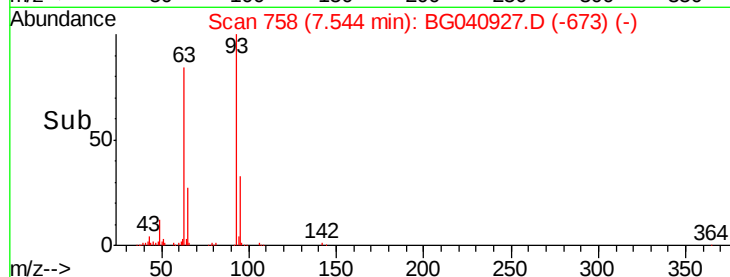
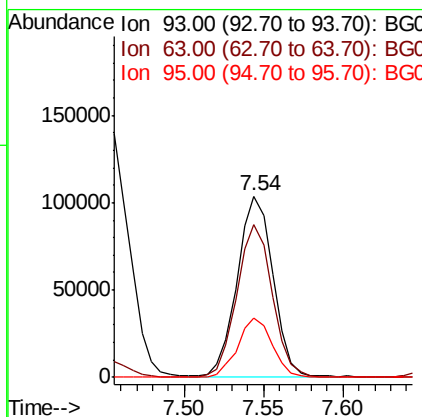
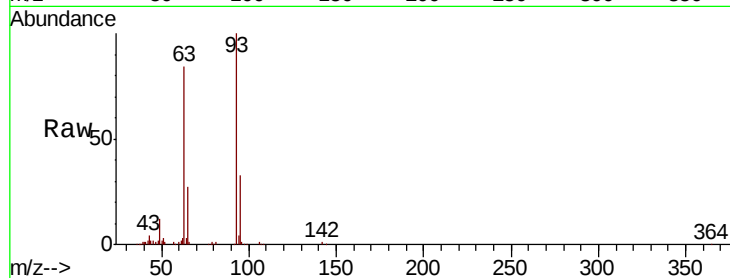




#11
bis(2-Chloroethyl)ether
Concen: 42.065 ng
RT: 7.54 min Scan# 758
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

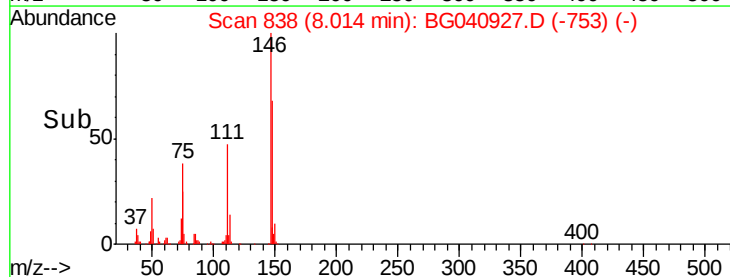
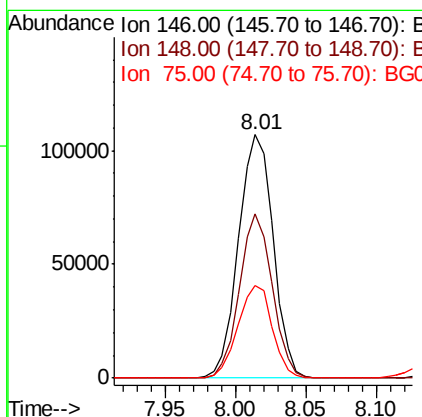
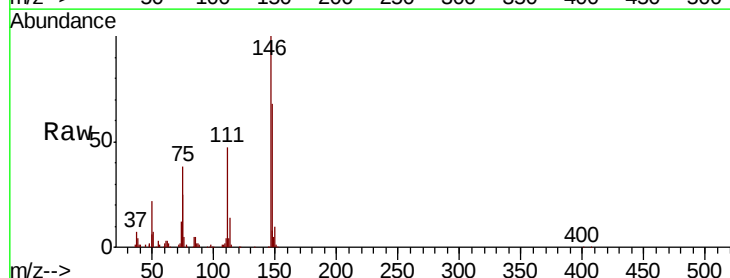
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

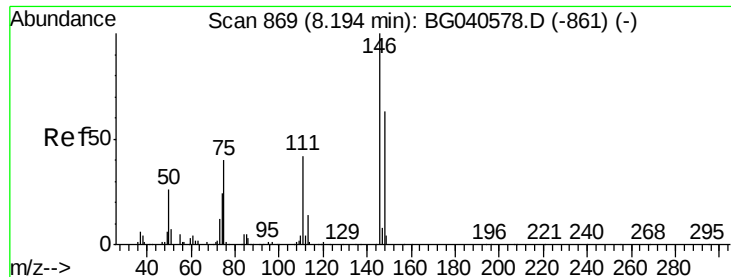
Tot Ion: 93 Resp: 162280
Ion Ratio Lower Upper
93 100
63 84.4 68.2 108.2
95 32.9 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 44.401 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

Tgt Ion: 146 Resp: 183935
Ion Ratio Lower Upper
146 100
148 67.5 50.7 76.1
75 38.2 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 44.418 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

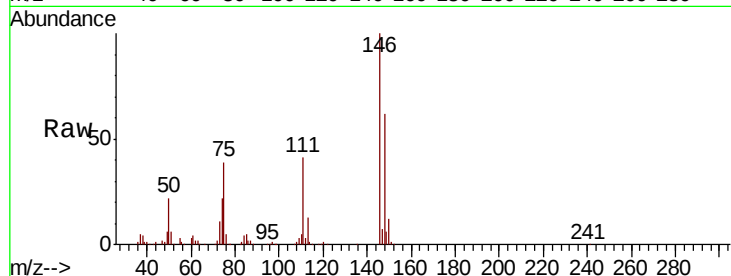
Tot Ion:146 Resp: 186530

Ion Ratio Lower Upper

146 100

148 61.8 50.6 75.8

111 41.4 34.3 51.5

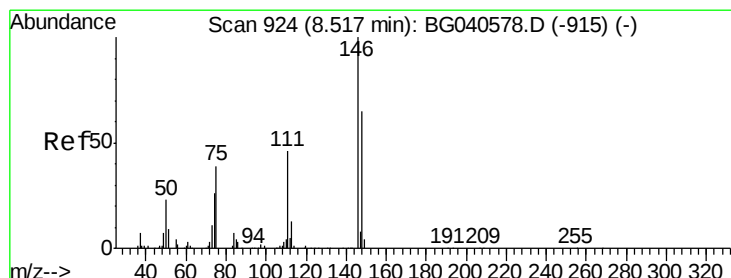
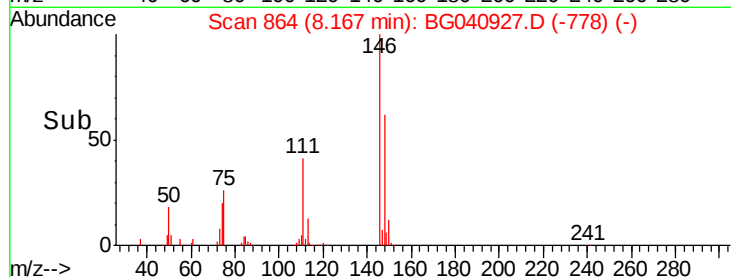
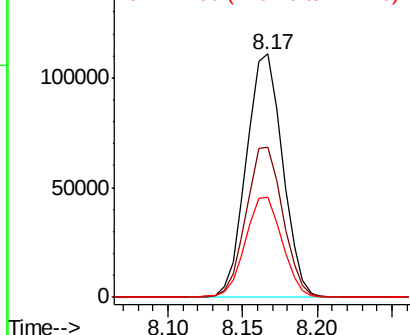


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.162 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

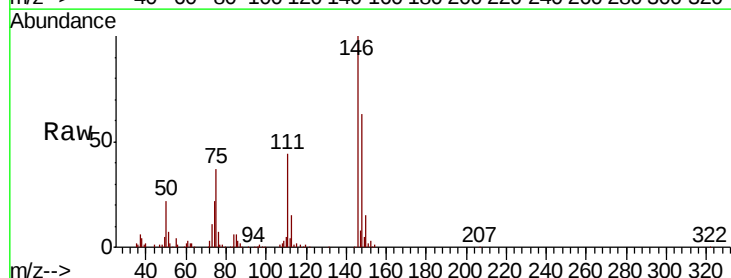
Tgt Ion:146 Resp: 178853

Ion Ratio Lower Upper

146 100

148 62.8 52.2 78.4

111 44.2 37.4 56.0

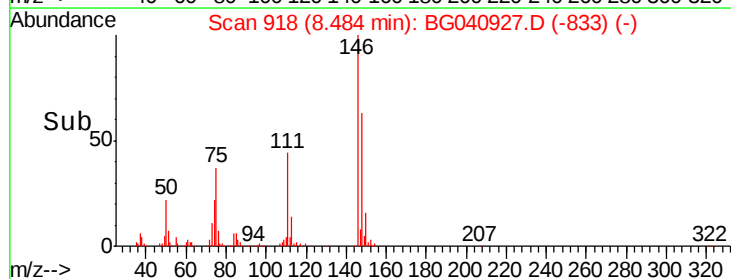
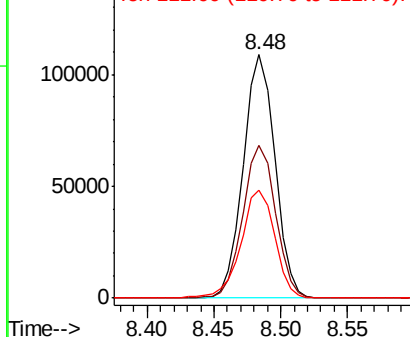


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.868 ng

RT: 8.37 min Scan# 898

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

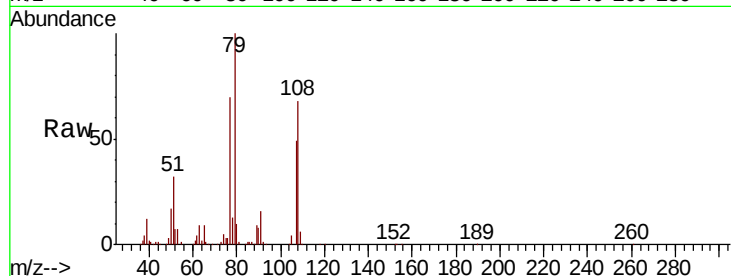
Tot Ion: 79 Resp: 198533

Ion Ratio Lower Upper

79 100

108 68.3 51.4 77.0

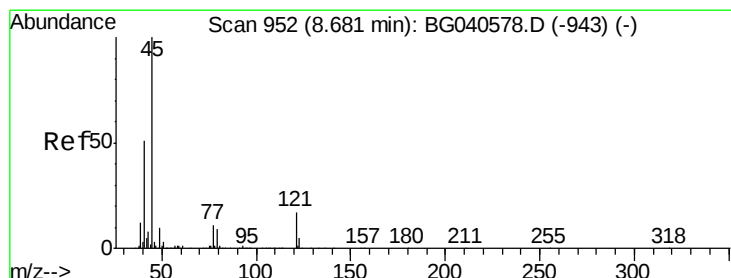
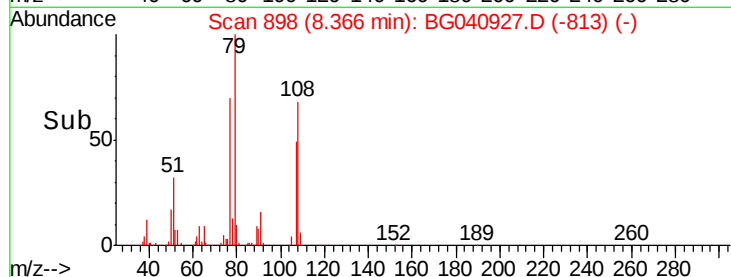
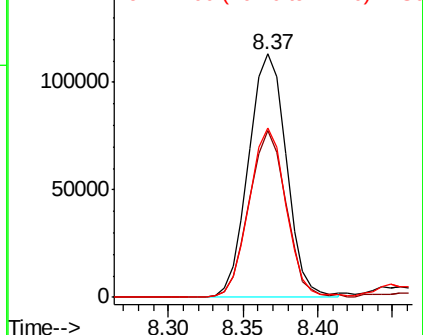
77 69.8 52.6 79.0



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: 33.731 ng

RT: 8.65 min Scan# 947

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

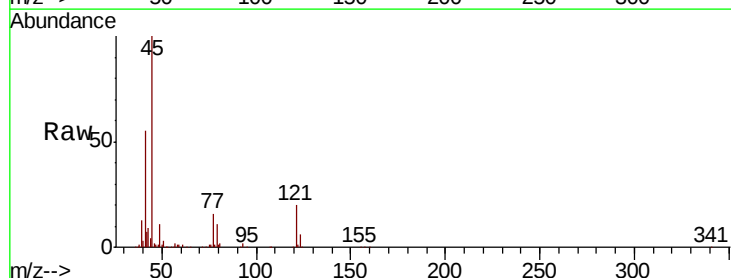
Tgt Ion: 45 Resp: 259082

Ion Ratio Lower Upper

45 100

77 15.8 0.0 31.5

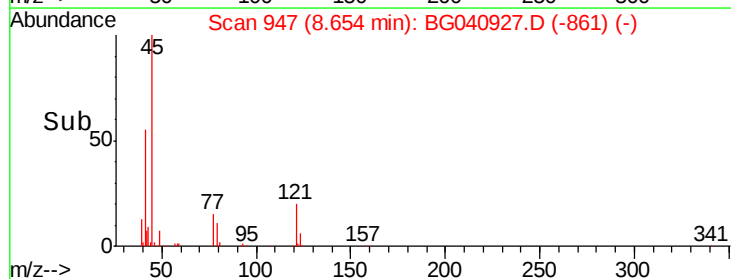
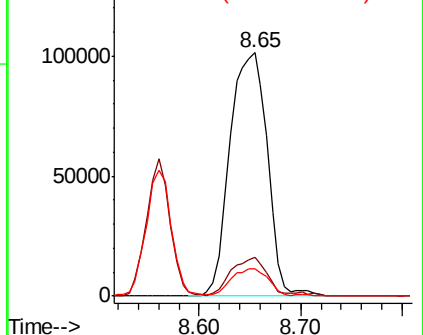
79 11.2 0.0 29.4

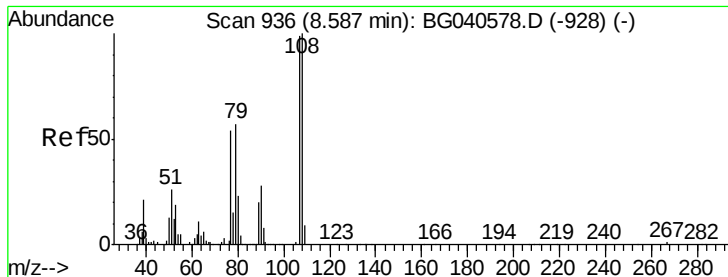


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 45.280 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 164855

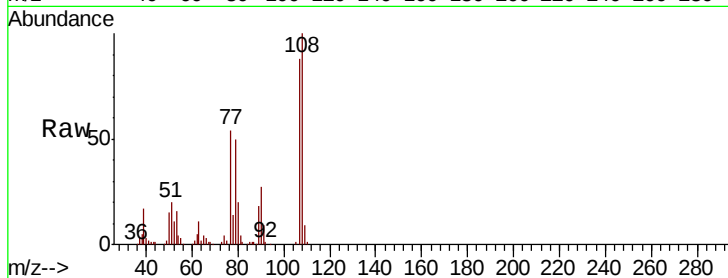
Ion Ratio Lower Upper

107 100

108 113.6 81.2 121.8

77 61.4 44.4 66.6

79 56.5 47.0 70.4

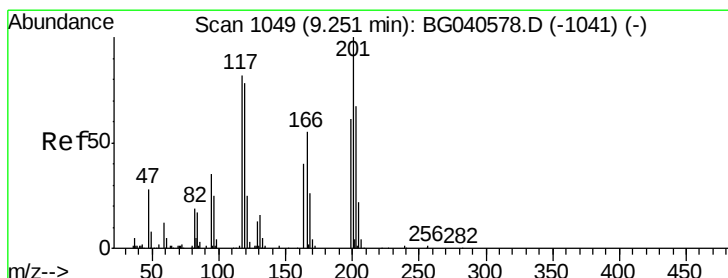
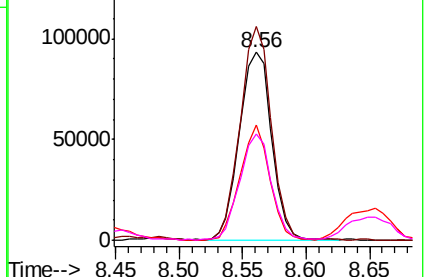
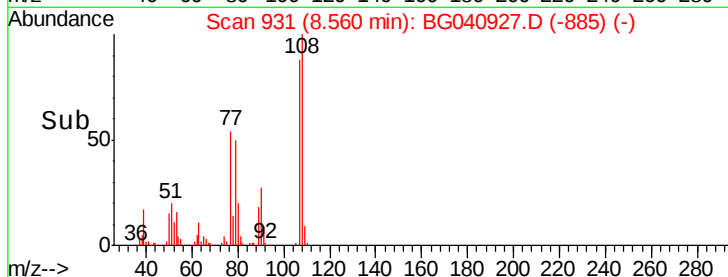


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.490 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.04 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

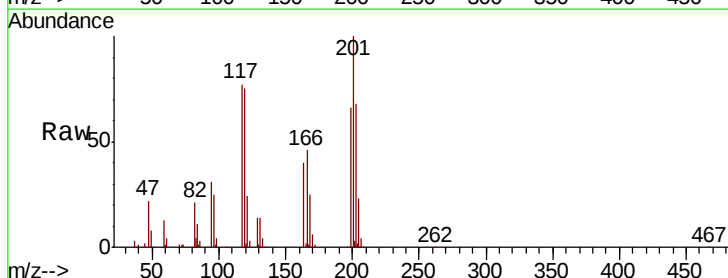
Tgt Ion:117 Resp: 73196

Ion Ratio Lower Upper

117 100

119 97.7 76.6 114.8

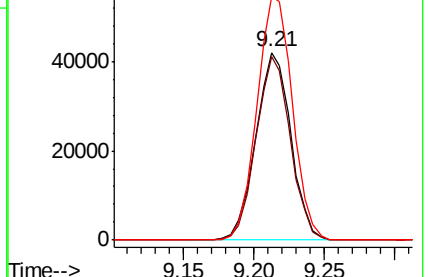
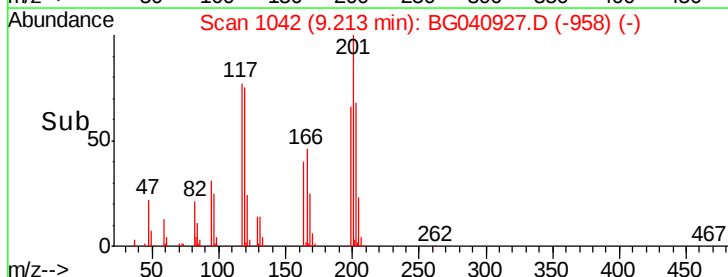
201 129.8 101.0 151.6

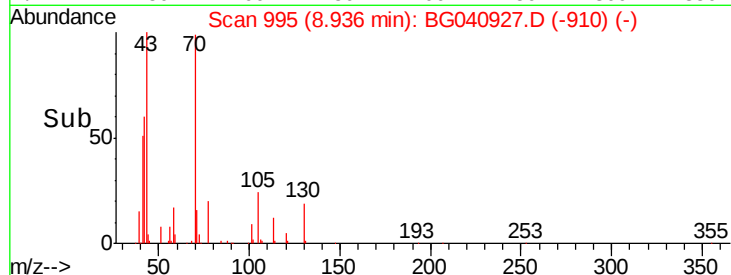
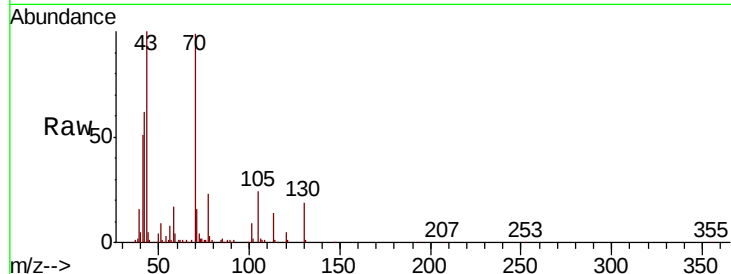
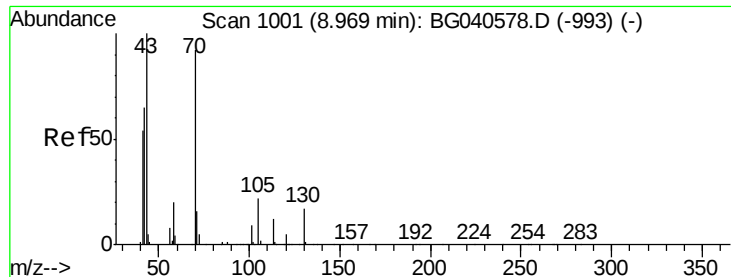


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

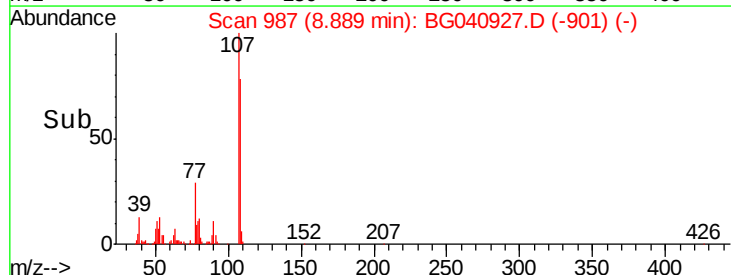
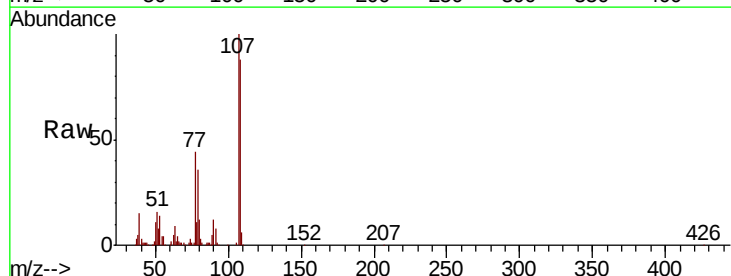
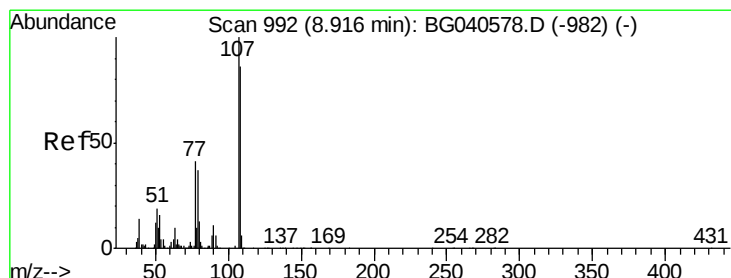
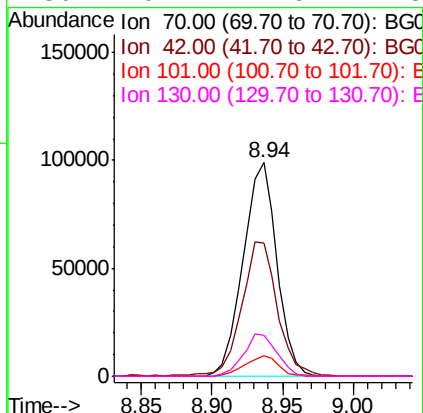




#19
n-Nitroso-di-n-propylamine
Concen: 38.447 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

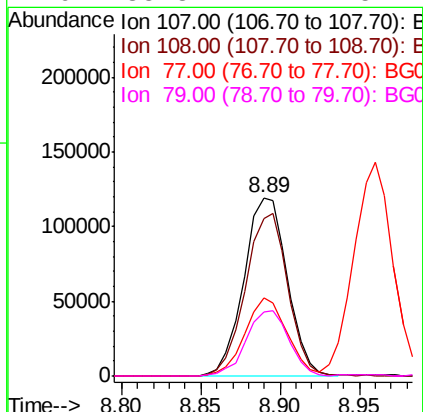
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

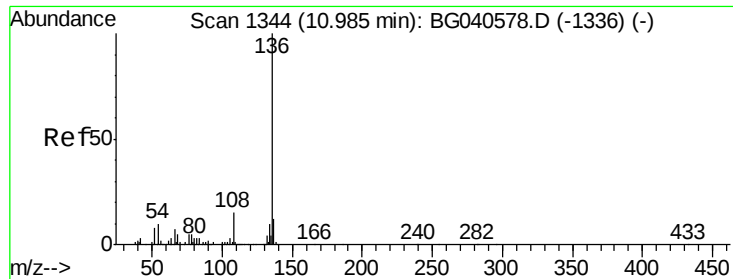
Tot Ion:	70	Resp:	165637
Ion	Ratio	Lower	Upper
70	100		
42	62.6	57.1	85.7
101	9.4	7.8	11.8
130	19.4	14.6	21.8



#20
3+4-Methylphenols
Concen: 44.819 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

Tgt Ion:	107	Resp:	227315
Ion	Ratio	Lower	Upper
107	100		
108	88.0	66.1	106.1
77	43.8	21.6	61.6
79	35.8	17.4	57.4

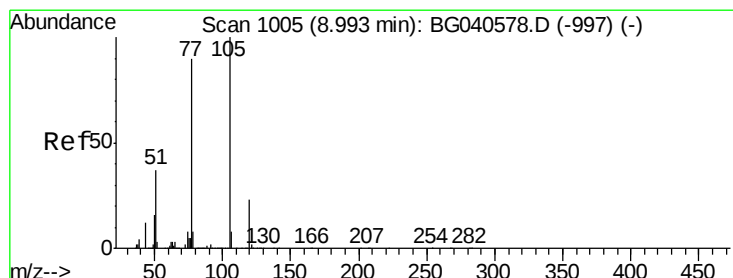
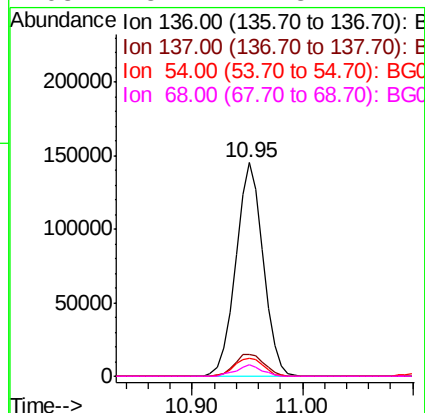
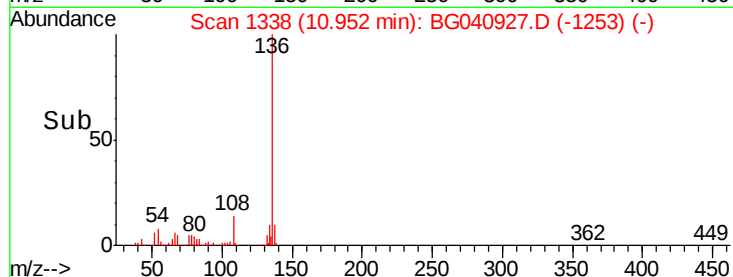
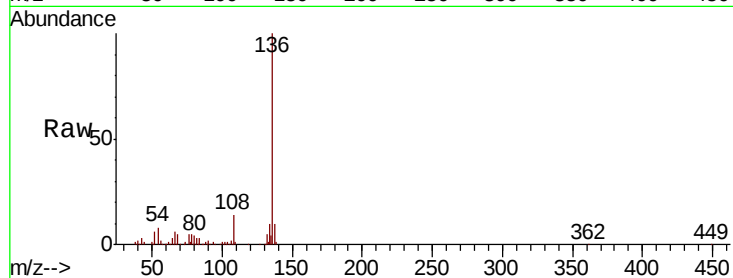




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

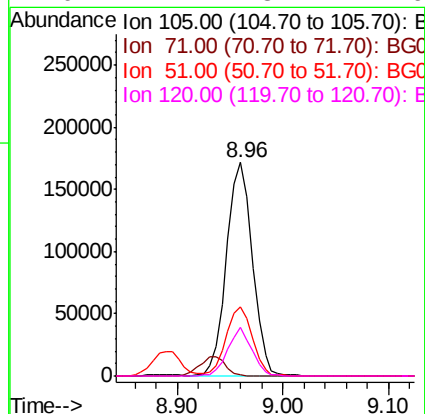
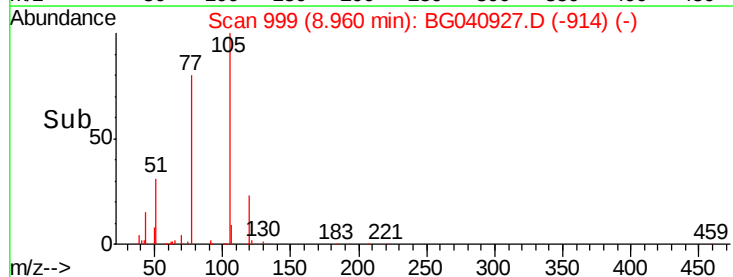
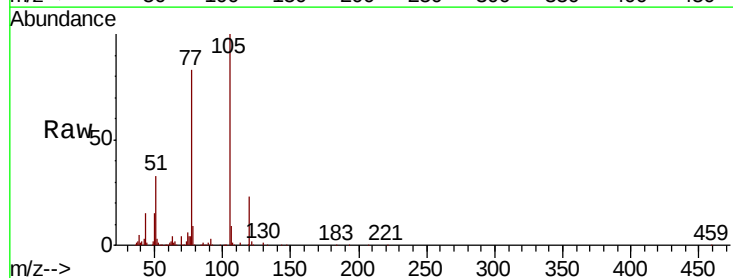
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	251781
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.7 14.5
54	8.4	8.6 12.8#
68	5.4	4.8 7.2



#22
Acetophenone
Concen: 41.675 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

Tgt Ion:105	Resp:	291780
Ion Ratio	Lower	Upper
105	100	
71	0.4	1.8 2.8#
51	32.6	29.8 44.8
120	22.7	18.4 27.6





#23

Nitrobenzene-d5

Concen: 87.159 ng

RT: 9.31 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

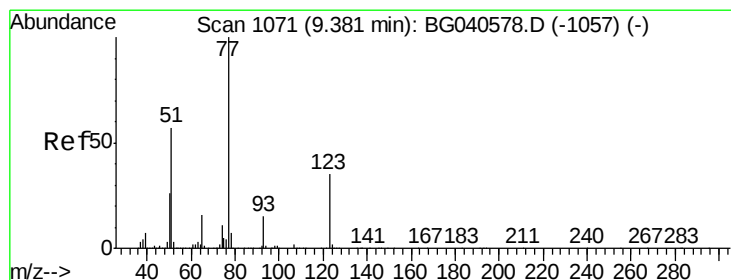
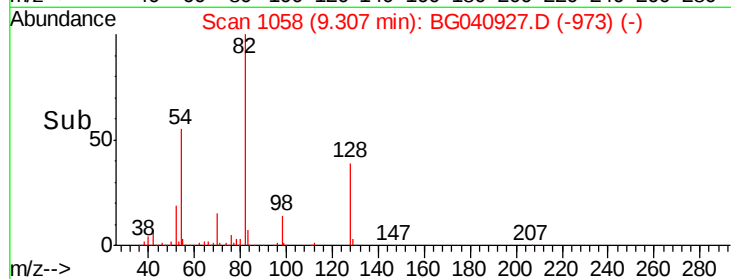
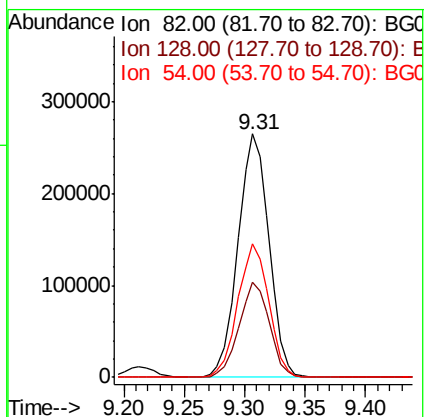
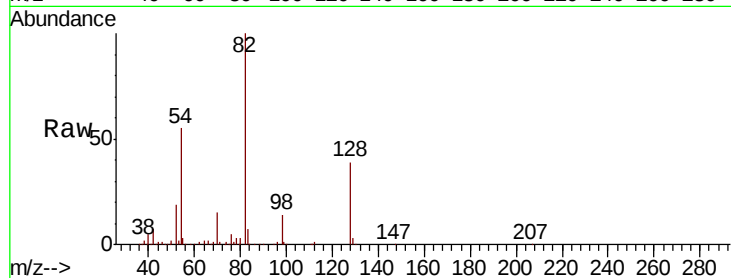
Tot Ion: 82 Resp: 474937

Ion Ratio Lower Upper

82 100

128 38.9 28.9 43.3

54 54.7 47.2 70.8



#24

Nitrobenzene

Concen: 42.807 ng

RT: 9.35 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

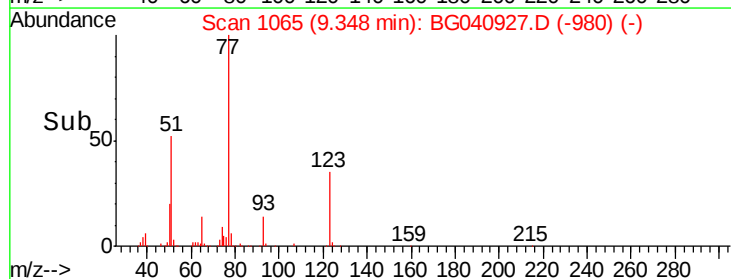
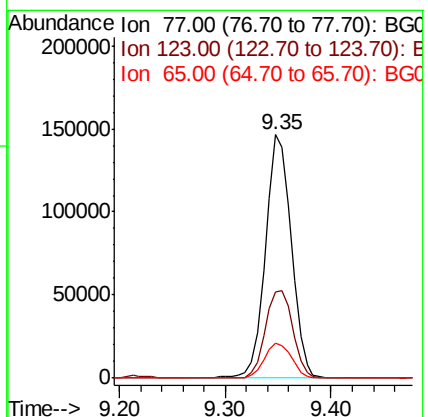
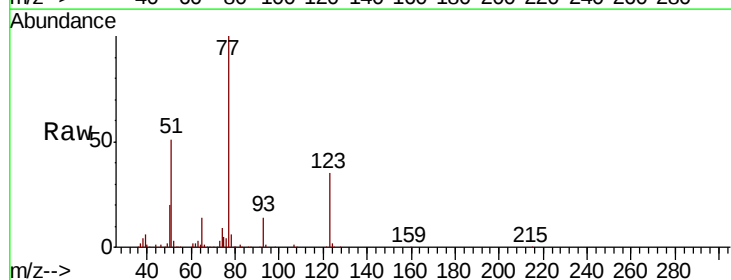
Tgt Ion: 77 Resp: 248875

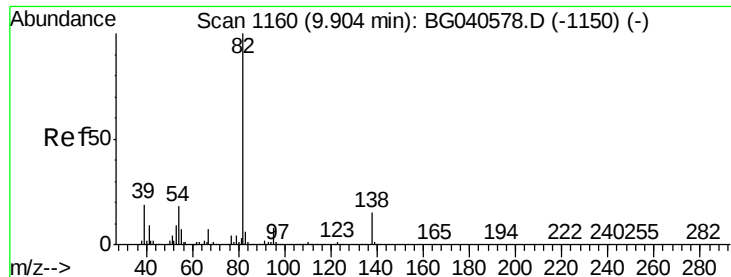
Ion Ratio Lower Upper

77 100

123 35.2 27.8 41.6

65 14.5 12.4 18.6





#25

Isophorone

Concen: 38.130 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.04 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

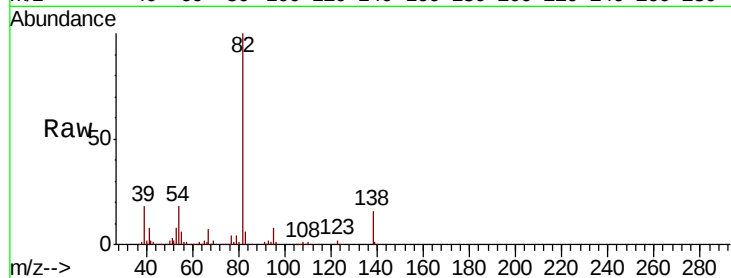
Tot Ion: 82 Resp: 462809

Ion Ratio Lower Upper

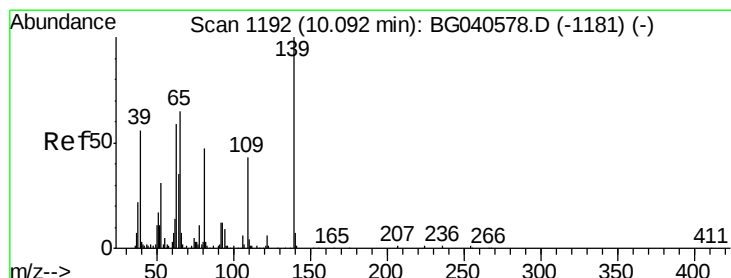
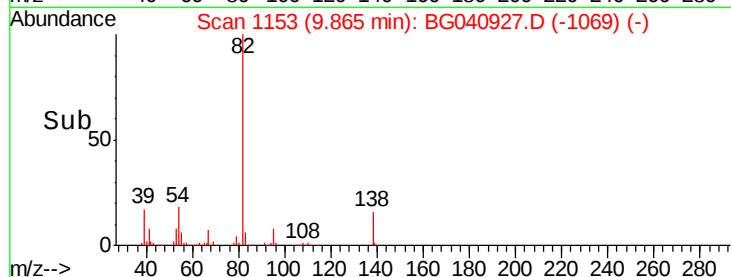
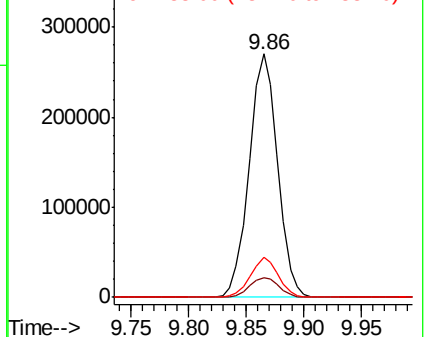
82 100

95 8.2 6.9 10.3

138 16.2 12.3 18.5



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: 53.649 ng

RT: 10.06 min Scan# 1186

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

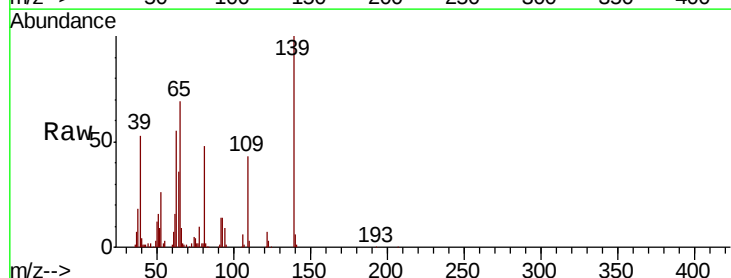
Tgt Ion: 139 Resp: 111805

Ion Ratio Lower Upper

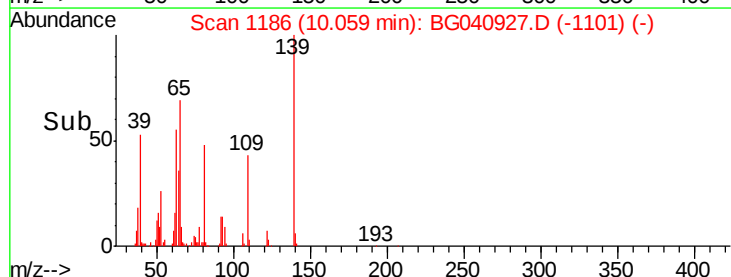
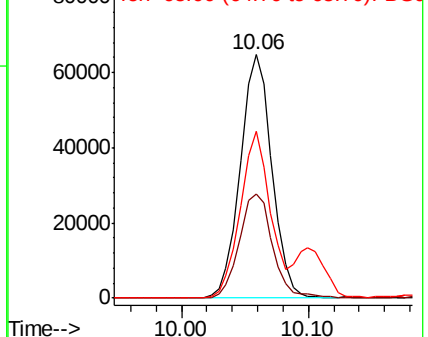
139 100

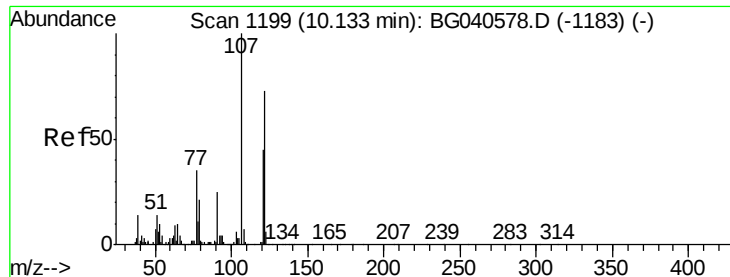
109 42.7 35.6 53.4

65 68.7 52.3 78.5



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

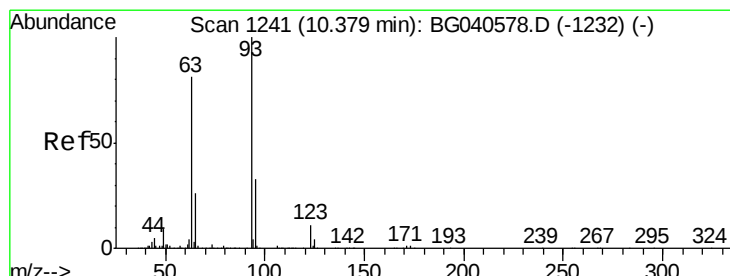
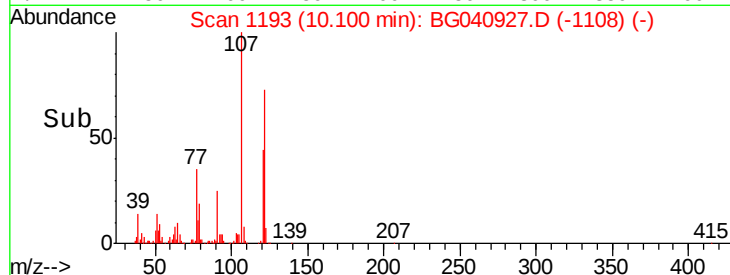
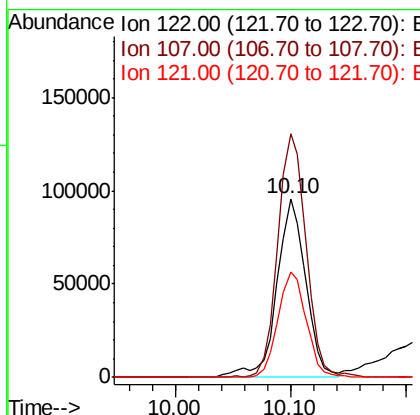
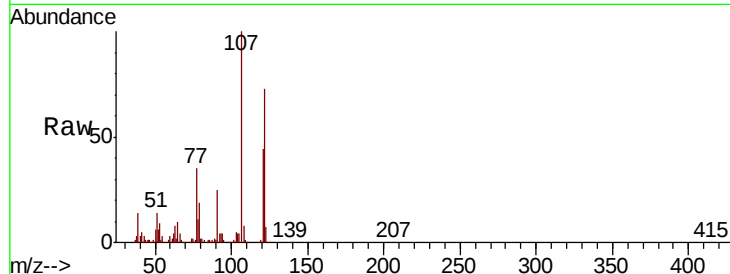




#27
 2,4-Dimethylphenol
 Concen: 42.574 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.03 min
 Lab File: BG040927.D
 Acq: 14 May 2019 1:44

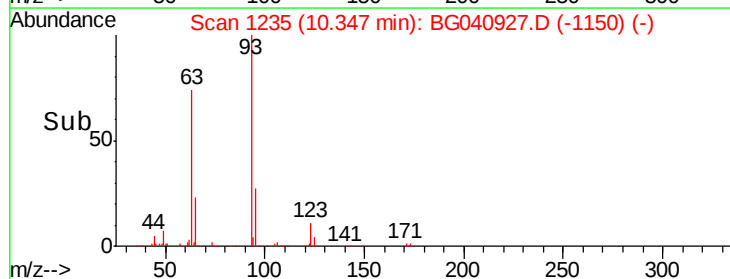
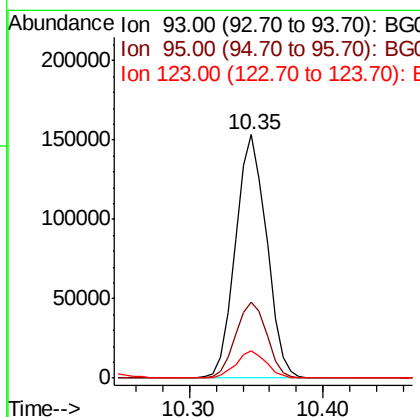
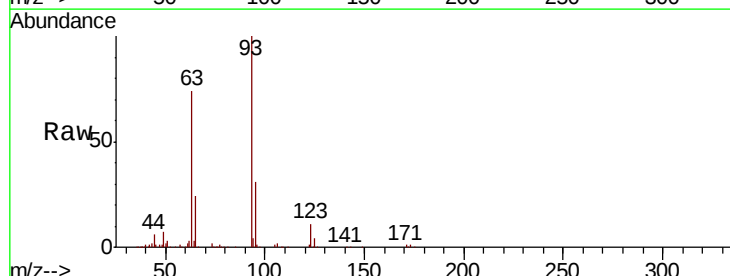
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

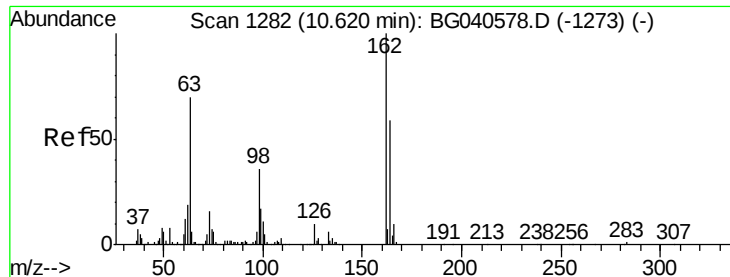
Tot Ion:122 Resp: 166471
 Ion Ratio Lower Upper
 122 100
 107 136.3 110.1 165.1
 121 59.4 49.4 74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.563 ng
 RT: 10.35 min Scan# 1235
 Delta R.T. -0.03 min
 Lab File: BG040927.D
 Acq: 14 May 2019 1:44

Tgt Ion: 93 Resp: 247020
 Ion Ratio Lower Upper
 93 100
 95 31.4 26.6 40.0
 123 11.3 9.0 13.4

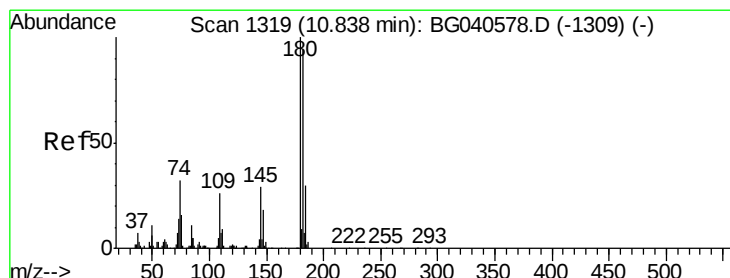
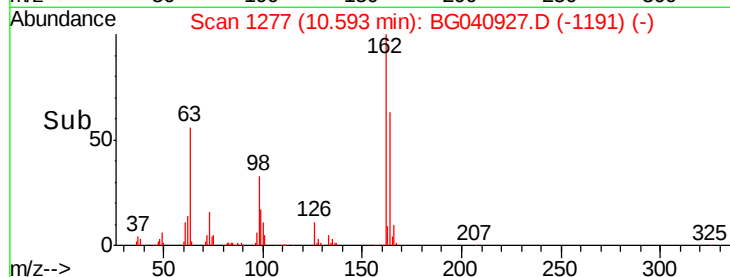
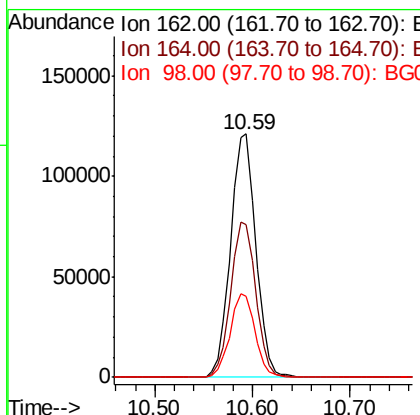
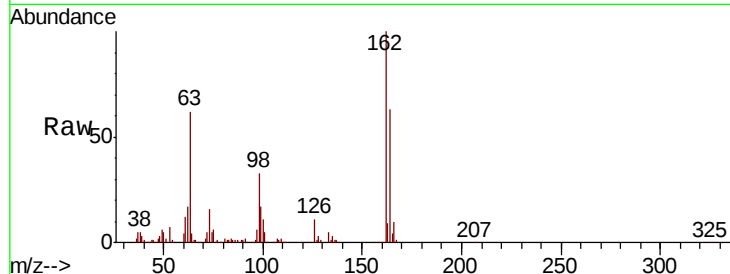




#29
 2,4-Dichlorophenol
 Concen: 48.885 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.03 min
 Lab File: BG040927.D
 Acq: 14 May 2019 1:44

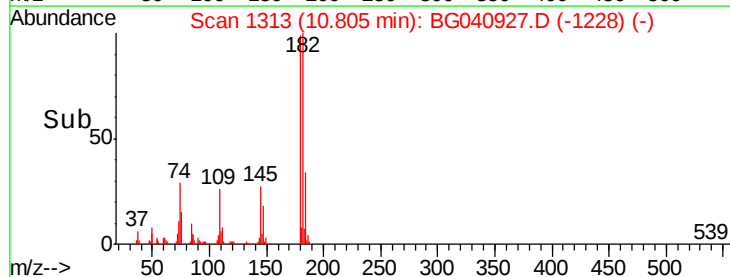
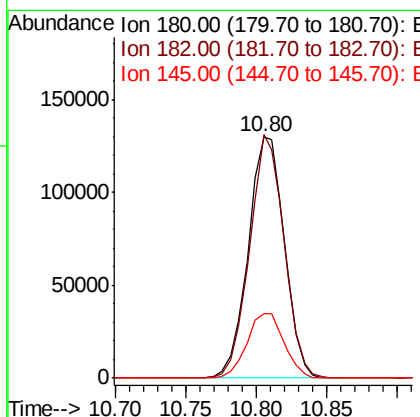
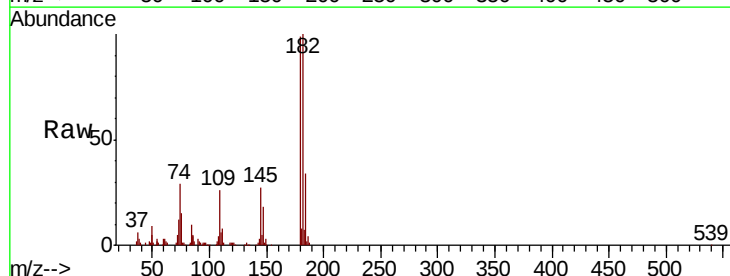
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	38.9	78.9
98	33.1	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 47.424 ng
 RT: 10.80 min Scan# 1313
 Delta R.T. -0.03 min
 Lab File: BG040927.D
 Acq: 14 May 2019 1:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.7	75.2	112.8
145	26.8	23.6	35.4

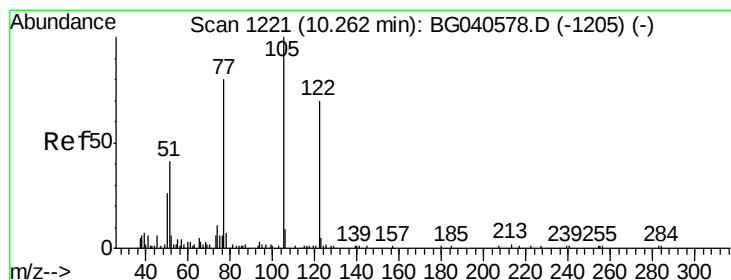
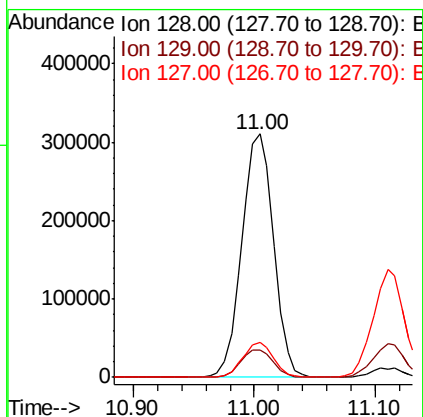
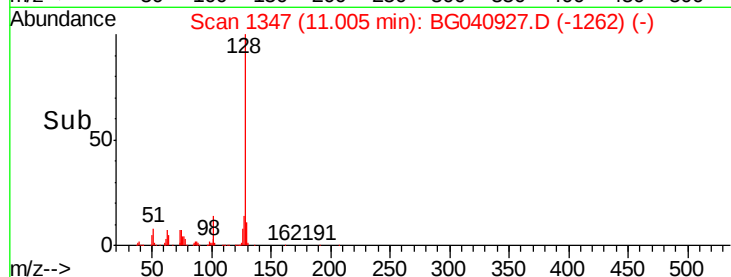
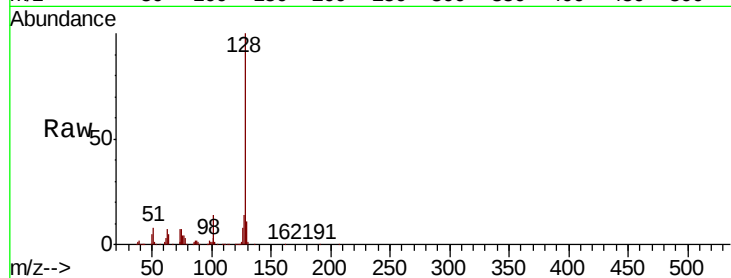




#31
Naphthalene
Concen: 42.474 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

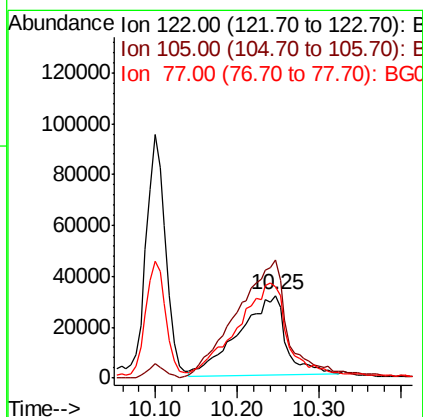
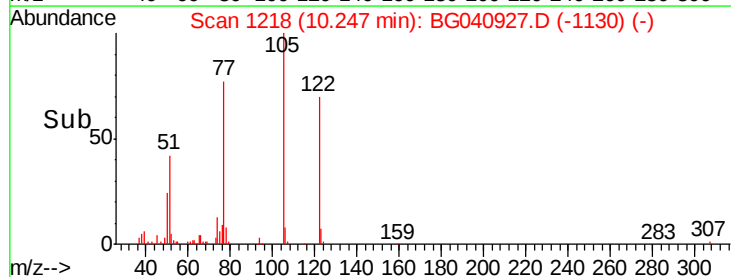
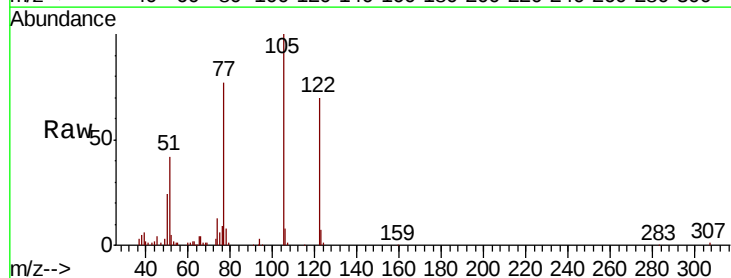
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

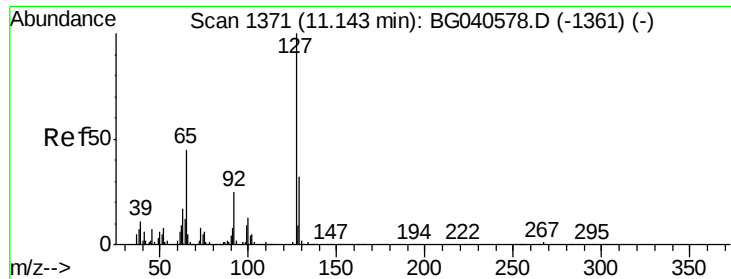
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.4	11.3	16.9



#32
Benzoic acid
Concen: 47.144 ng
RT: 10.25 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.4	110.9	150.9
77	109.5	87.6	127.6

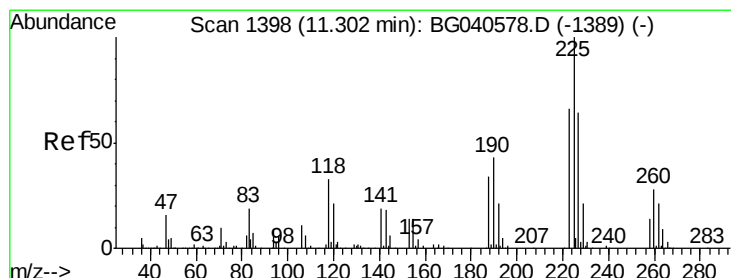
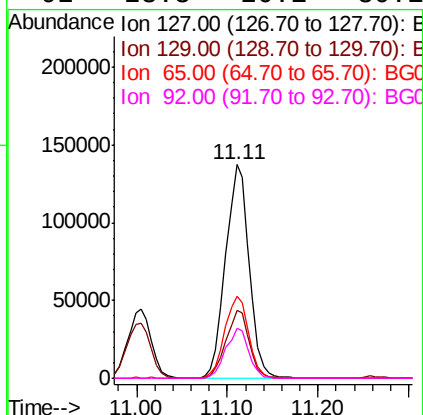
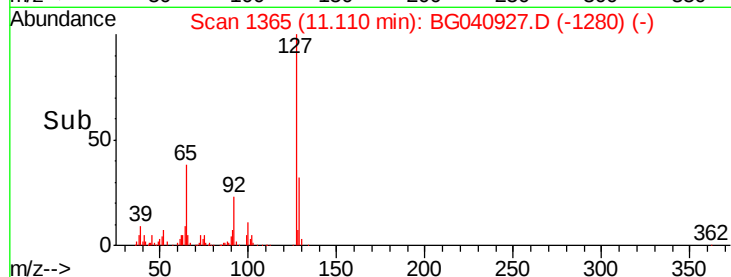
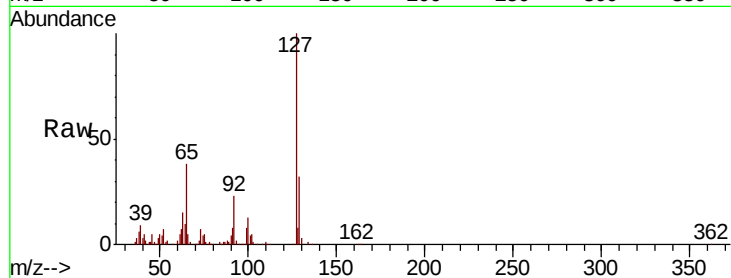




#33
4-Chloroaniline
Concen: 41.851 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

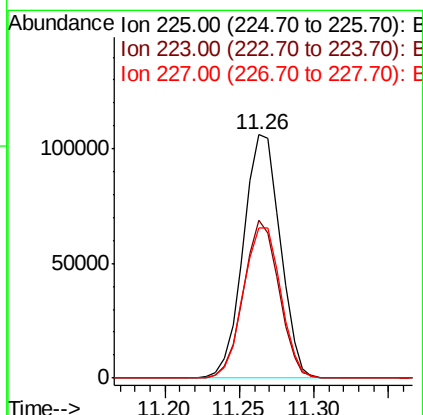
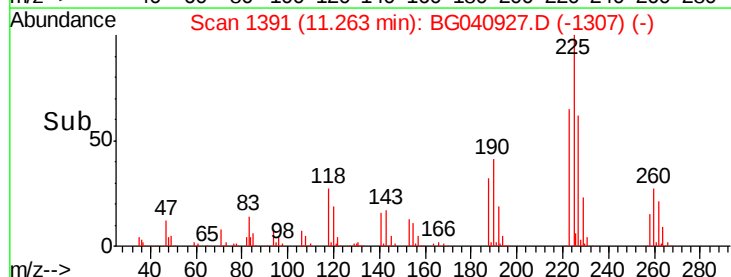
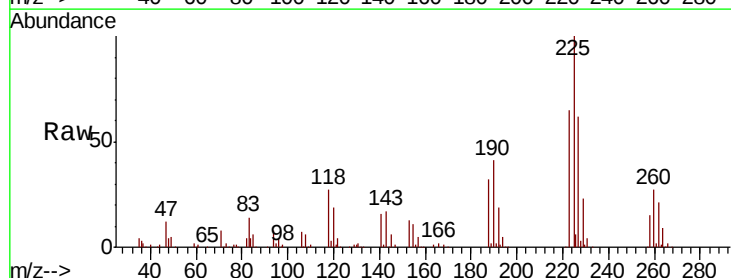
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	248205
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.7	38.5
65	38.4	36.1	54.1
92	23.3	20.1	30.1



#34
Hexachlorobutadiene
Concen: 49.873 ng
RT: 11.26 min Scan# 1391
Delta R.T. -0.04 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

Tgt Ion:	225	Resp:	181508
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.4	75.6
227	61.9	51.0	76.6





#35

Caprolactam

Concen: 39.118 ng

RT: 11.92 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

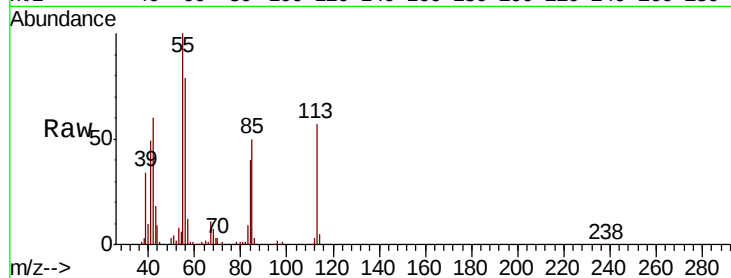
Tot Ion:113 Resp: 68655

Ion Ratio Lower Upper

113 100

55 174.6 198.6 238.6#

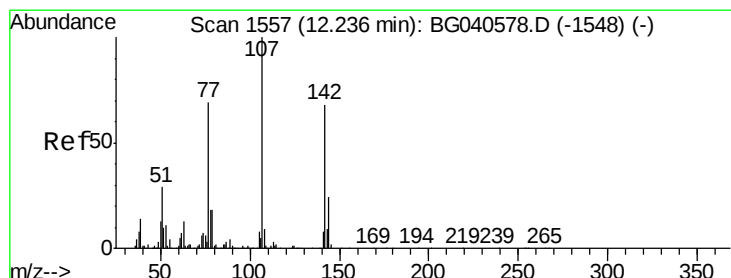
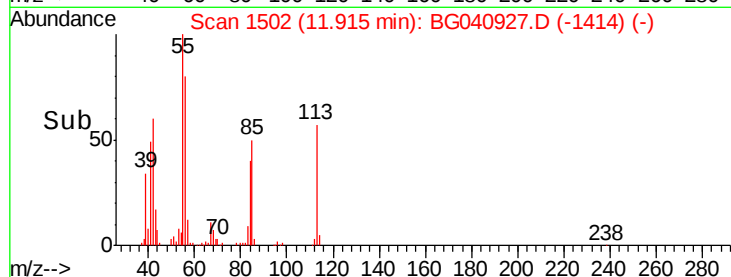
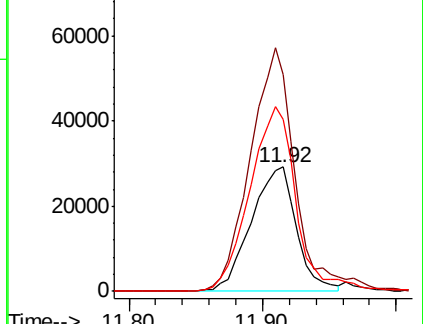
56 138.5 148.4 188.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.853 ng

RT: 12.21 min Scan# 1553

Delta R.T. -0.02 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

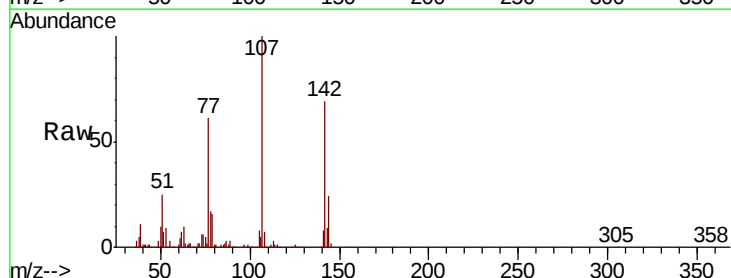
Tgt Ion:107 Resp: 251532

Ion Ratio Lower Upper

107 100

144 24.1 19.3 28.9

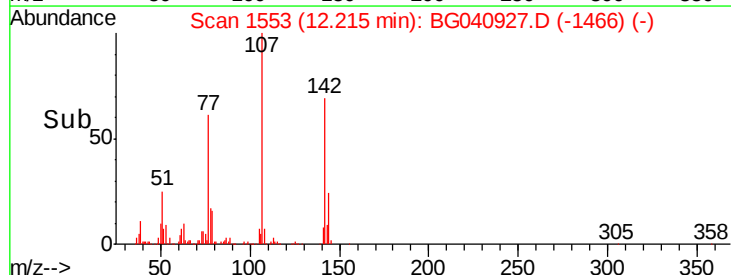
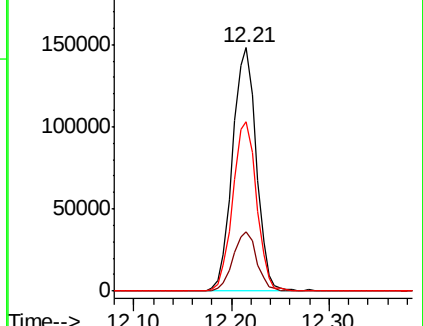
142 69.5 54.6 81.8

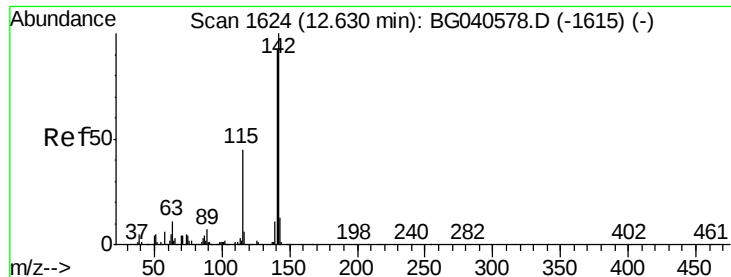


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

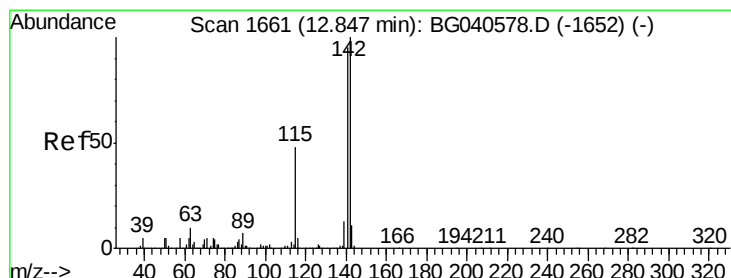
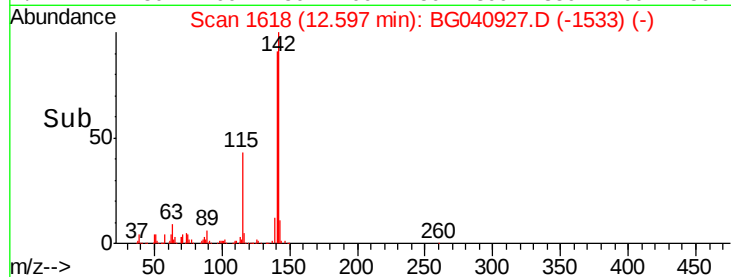
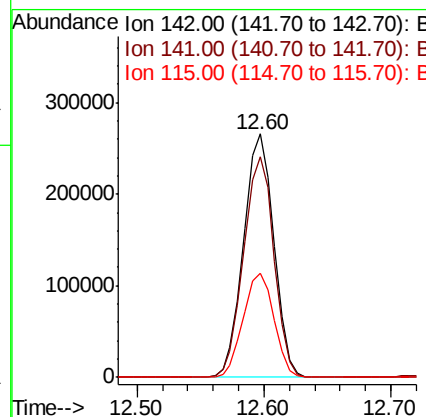
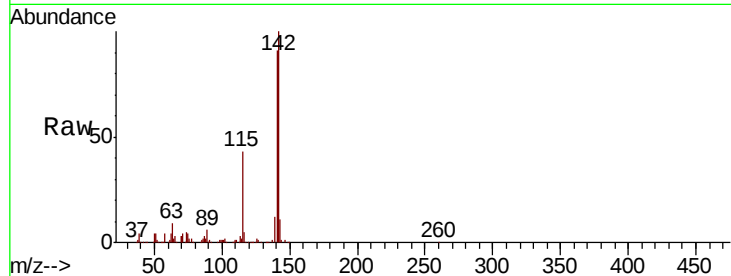




#37
2-Methylnaphthalene
Concen: 44.098 ng
RT: 12.60 min Scan# 1618
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

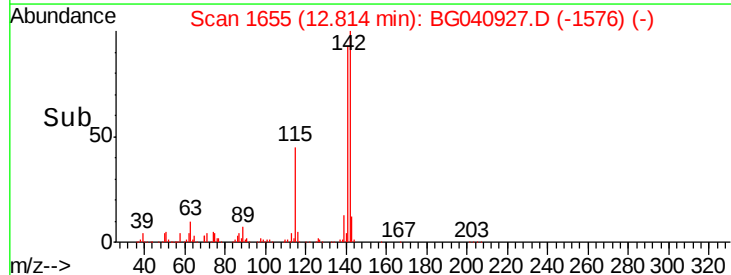
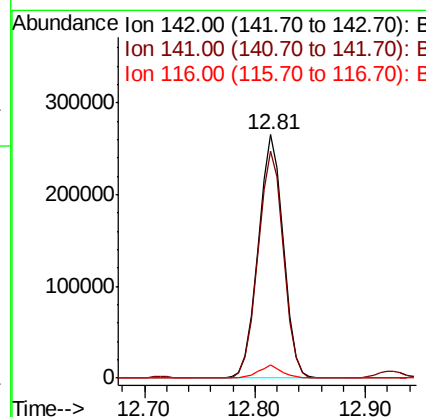
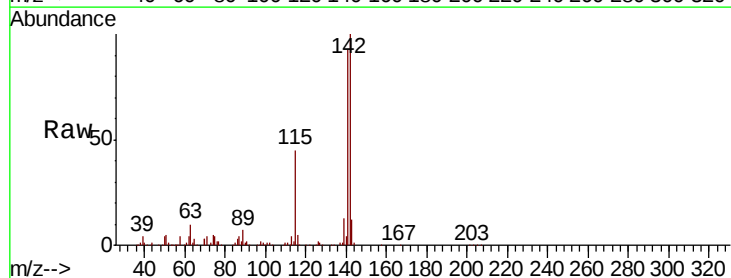
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.4	110.2
115	42.8	36.2	54.4



#38
1-Methylnaphthalene
Concen: 43.227 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.9	113.9
116	5.2	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

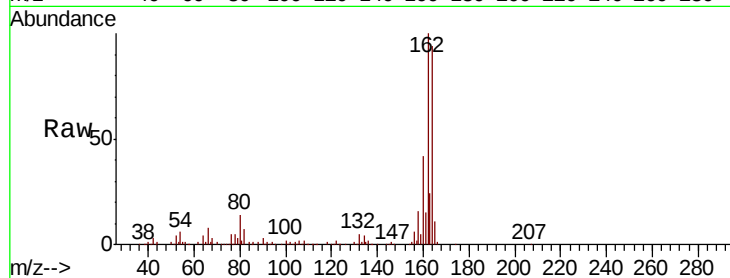
Tot Ion:164 Resp: 183840

Ion Ratio Lower Upper

164 100

162 106.6 81.9 122.9

160 44.3 35.4 53.2

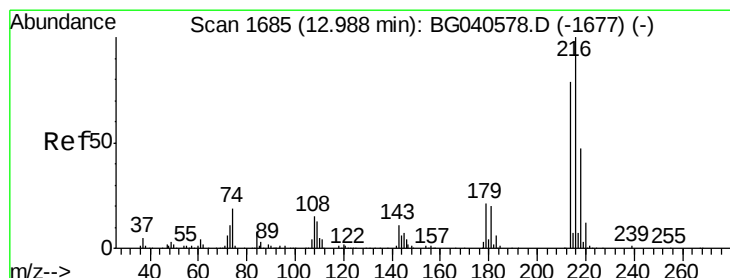
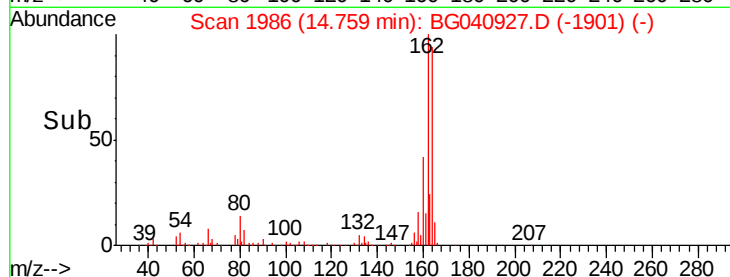
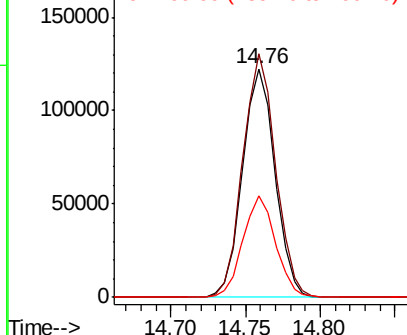


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.963 ng

RT: 12.96 min Scan# 1679

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Tgt Ion:216 Resp: 328476

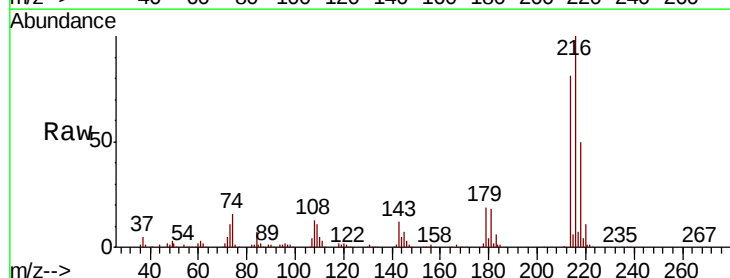
Ion Ratio Lower Upper

216 100

214 80.0 63.7 95.5

179 19.5 16.6 24.8

108 14.5 14.7 22.1#



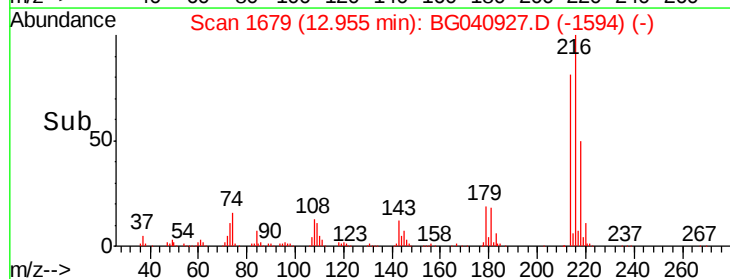
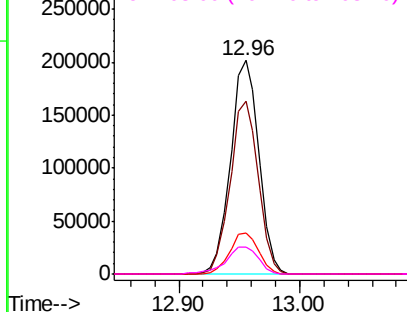
Abundance

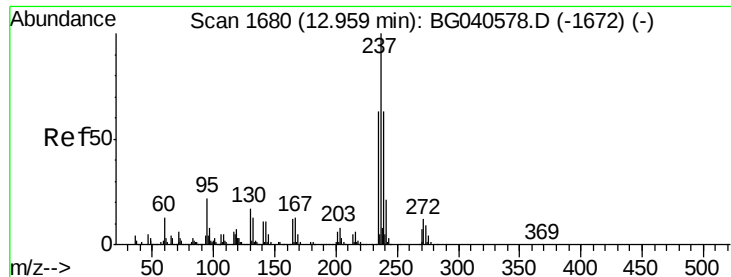
Ion 216.00 (215.70 to 216.70): E

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

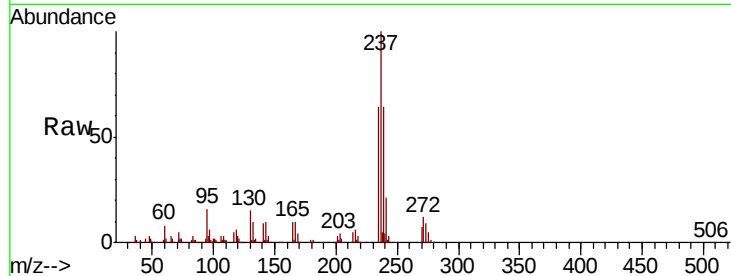




#41
Hexachlorocyclopentadiene
Concen: 34.534 ng
RT: 12.93 min Scan# 1674
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.5	82.5
272	12.2	0.0	31.6

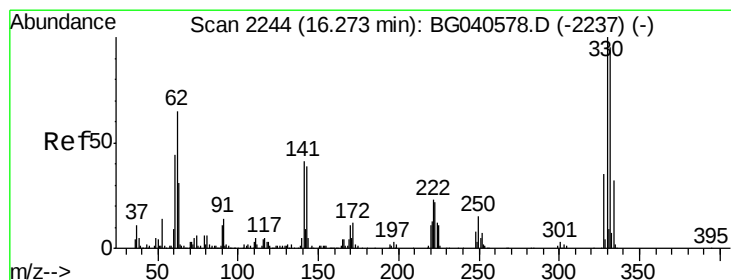
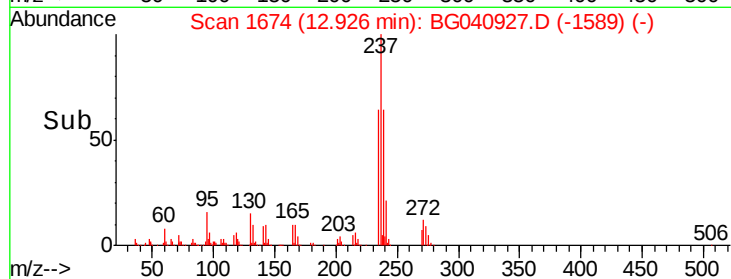
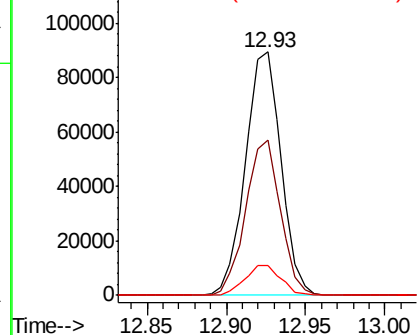


Abundance

Ion 236.80 (236.50 to 237.50): E

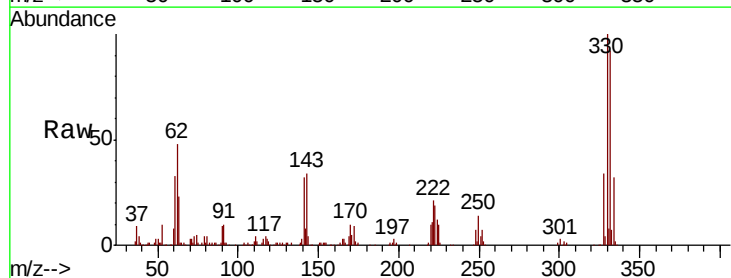
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 98.712 ng
RT: 16.25 min Scan# 2239
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.2	75.9	113.9
141	34.5	32.4	48.6

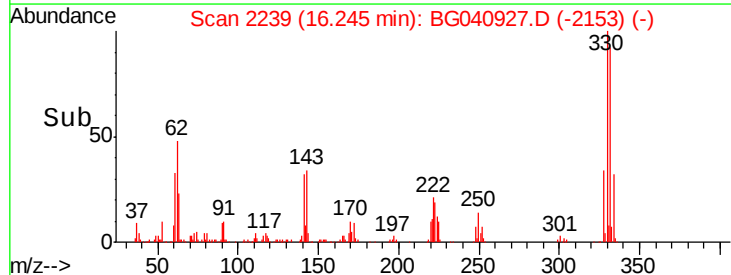
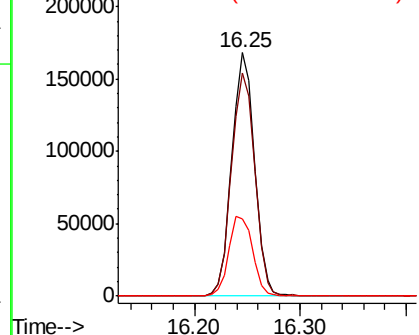


Abundance

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

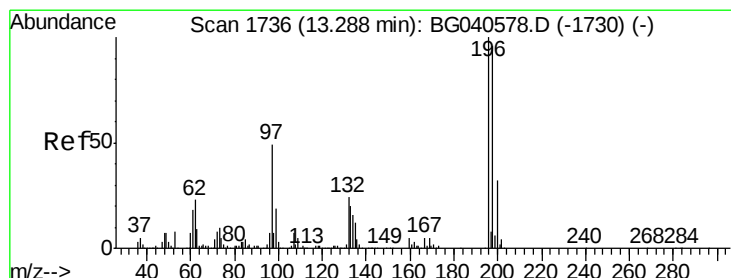
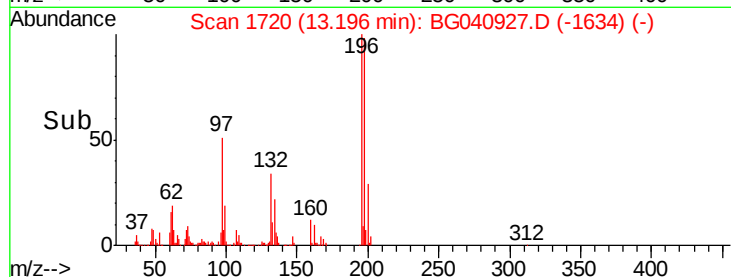
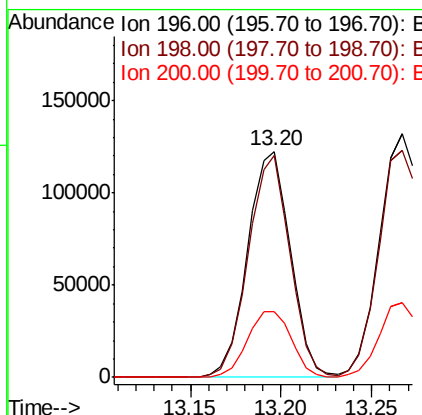
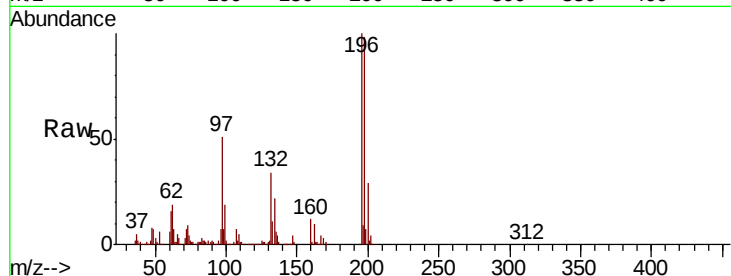




#43
 2,4,6-Trichlorophenol
 Concen: 48.578 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG040927.D
 Acq: 14 May 2019 1:44

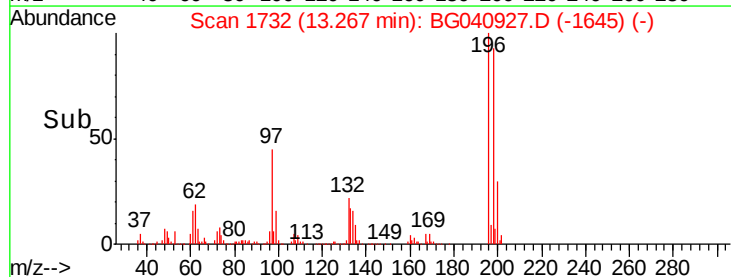
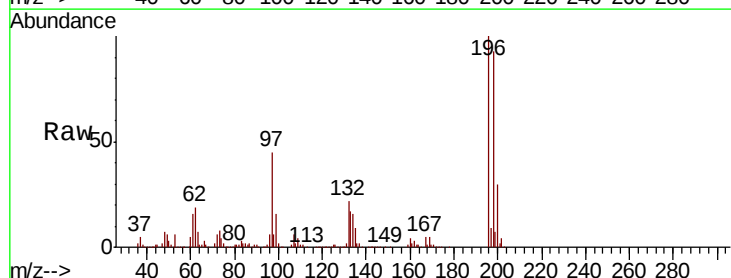
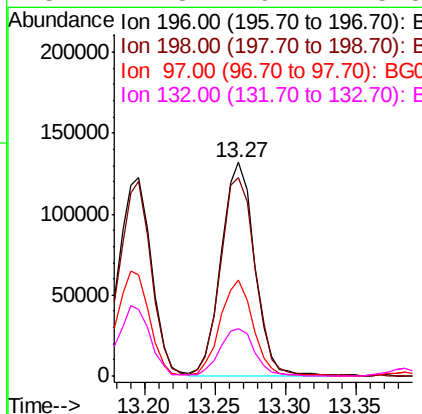
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	74.8	112.2
200	29.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 48.023 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG040927.D
 Acq: 14 May 2019 1:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	77.0	115.6
97	44.7	40.0	60.0
132	22.3	19.2	28.8

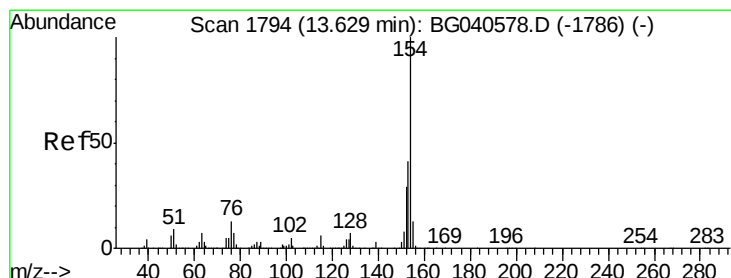
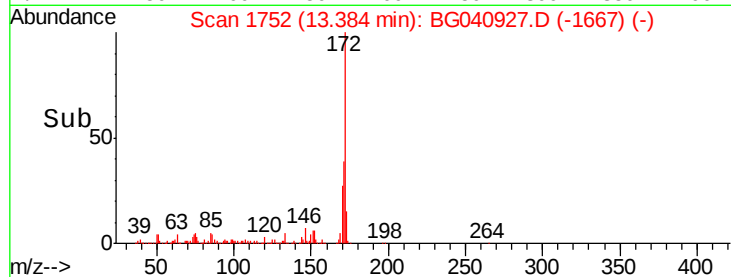
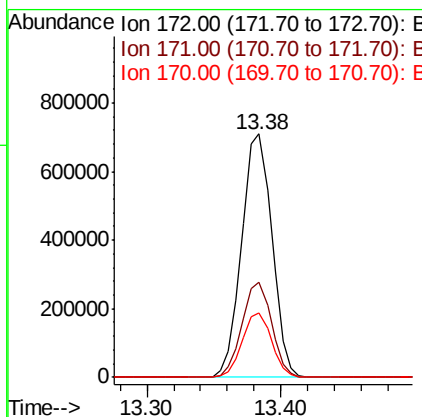
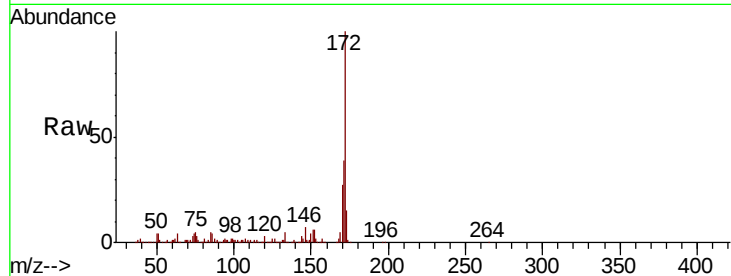




#45
2-Fluorobiphenyl
Concen: 87.381 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

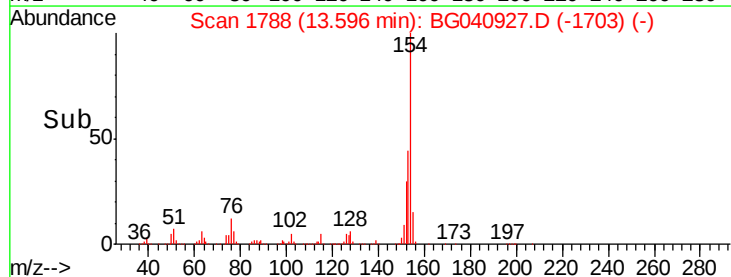
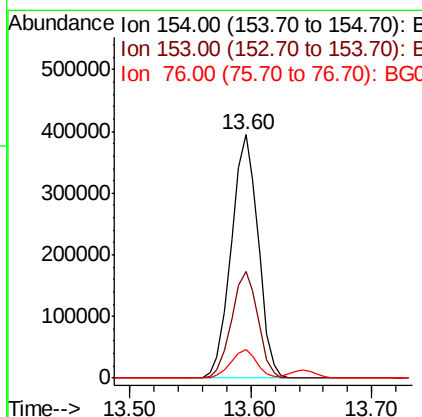
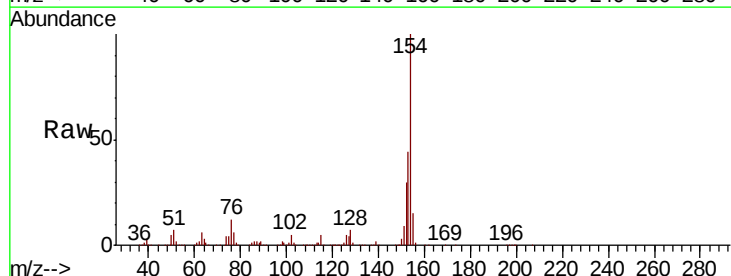
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

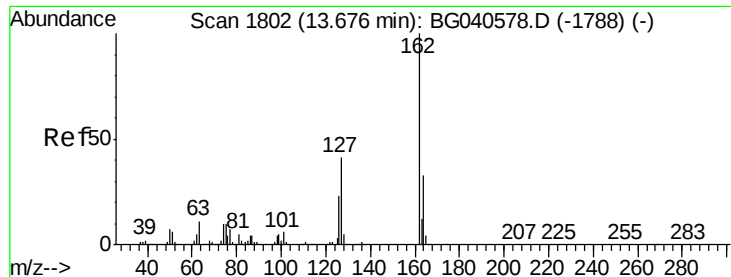
Tot Ion:172 Resp: 1112317
Ion Ratio Lower Upper
172 100
171 39.2 29.4 44.2
170 26.6 19.9 29.9



#46
1,1'-Biphenyl
Concen: 42.726 ng
RT: 13.60 min Scan# 1788
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

Tgt Ion:154 Resp: 609849
Ion Ratio Lower Upper
154 100
153 43.7 20.5 60.5
76 11.7 0.0 32.5

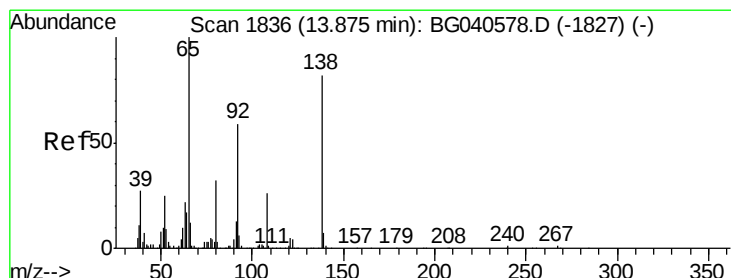
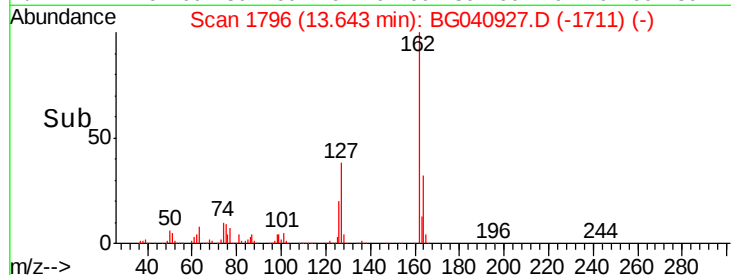
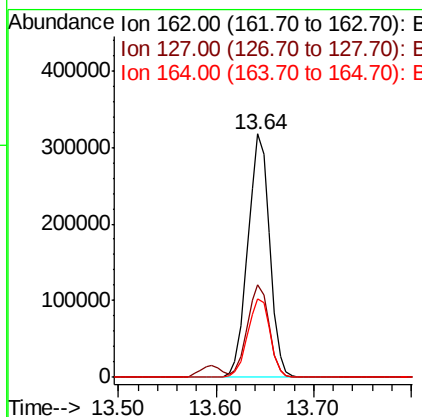
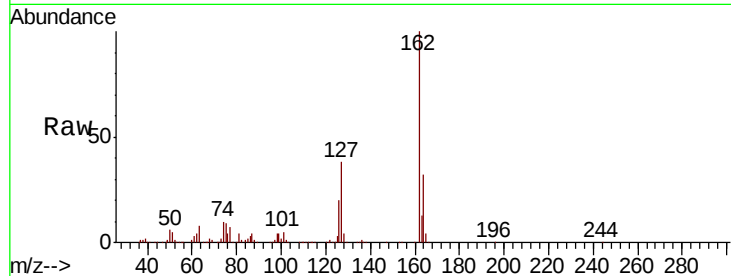




#47
 2-Chloronaphthalene
 Concen: 44.538 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.03 min
 Lab File: BG040927.D
 Acq: 14 May 2019 1:44

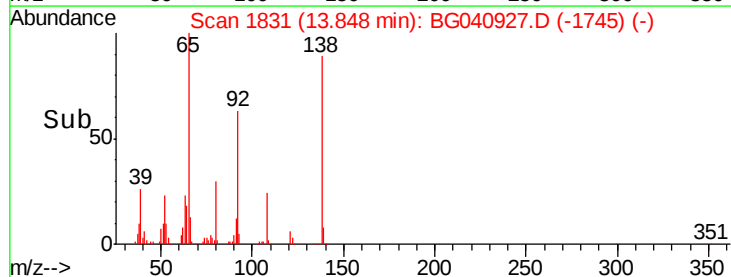
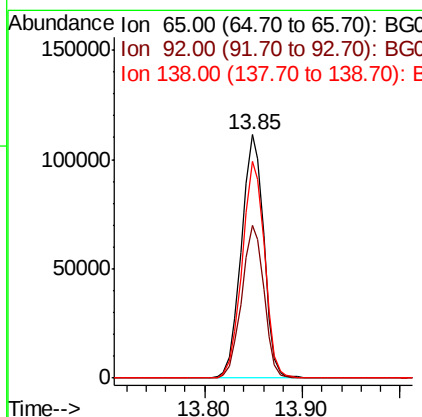
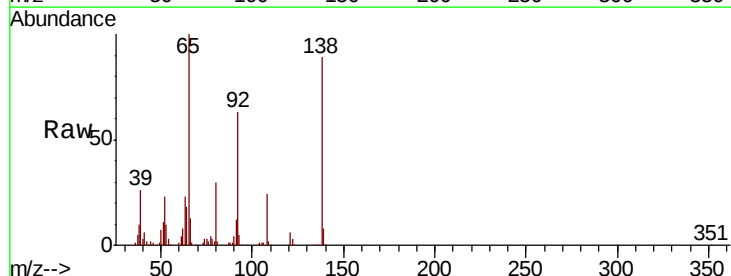
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

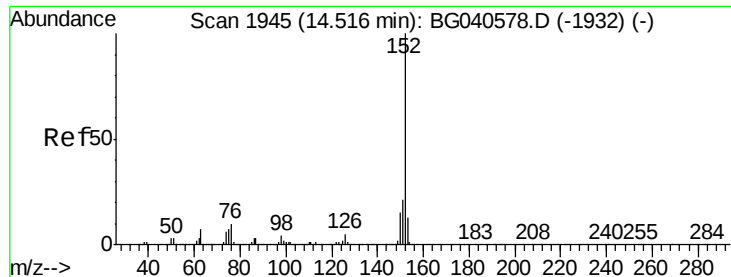
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	33.0	49.4
164	32.2	26.8	40.2



#48
 2-Nitroaniline
 Concen: 44.927 ng
 RT: 13.85 min Scan# 1831
 Delta R.T. -0.03 min
 Lab File: BG040927.D
 Acq: 14 May 2019 1:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.6	47.4	71.0
138	89.0	66.1	99.1





#49

Acenaphthylene

Concen: 41.705 ng

RT: 14.49 min Scan# 1940

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

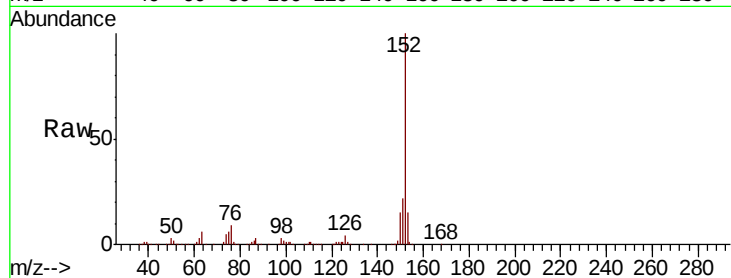
Tot Ion:152 Resp: 790379

Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

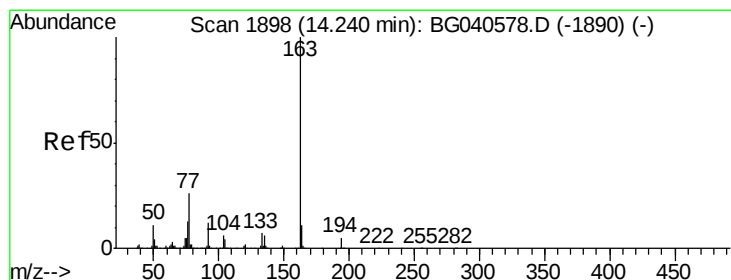
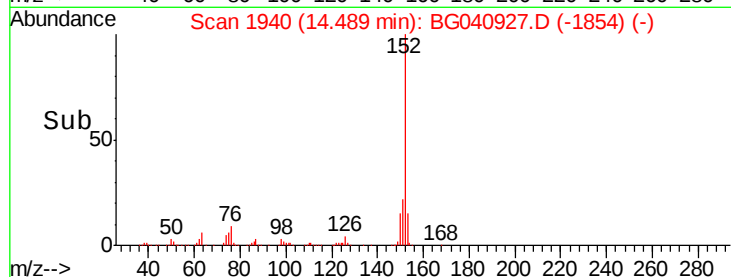
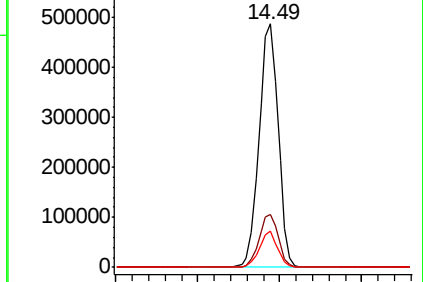
153 14.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.362 ng

RT: 14.21 min Scan# 1892

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

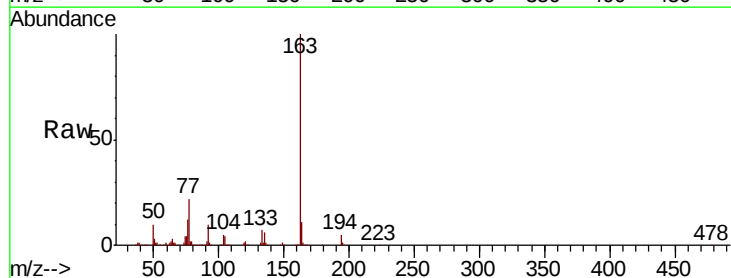
Tgt Ion:163 Resp: 651598

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

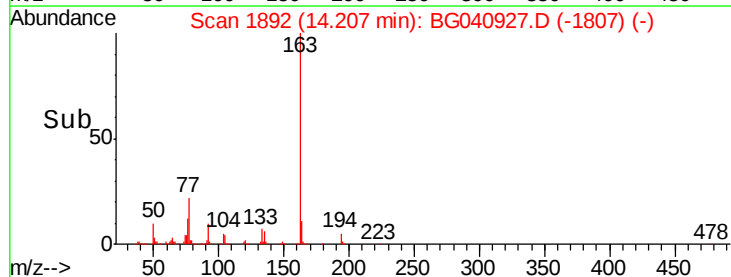
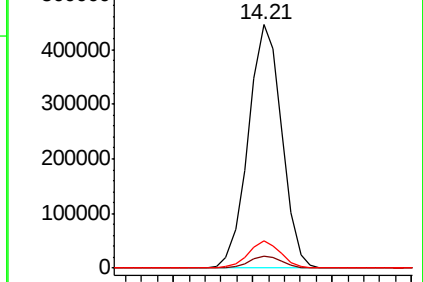
164 11.1 8.8 13.2



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: 49.594 ng

RT: 14.34 min Scan# 1914

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

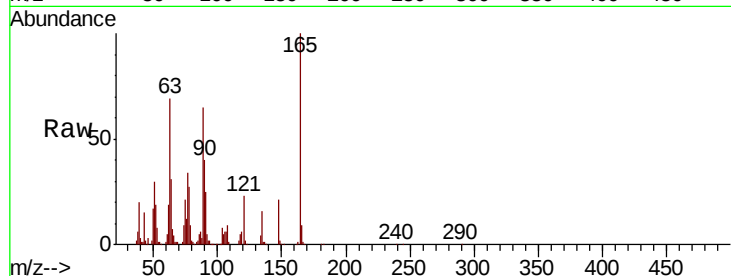
Tot Ion:165 Resp: 148880

Ion Ratio Lower Upper

165 100

63 68.5 61.0 91.4

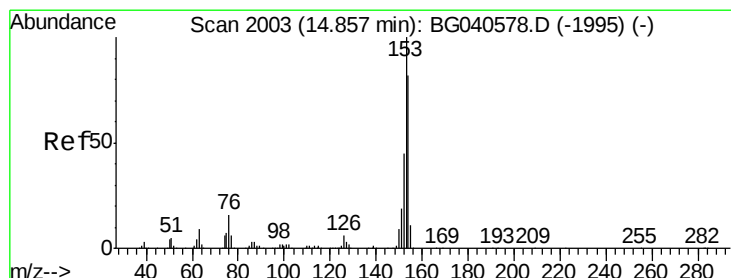
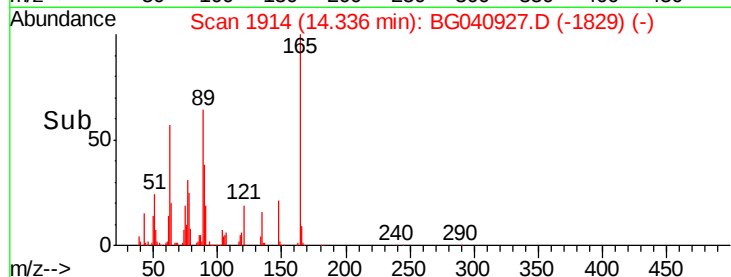
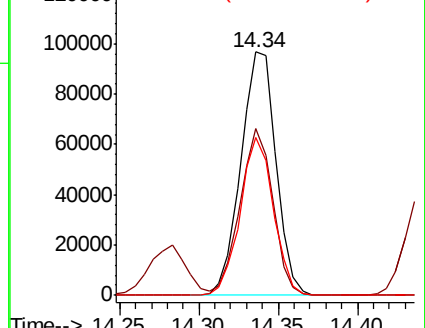
89 64.6 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.360 ng

RT: 14.82 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

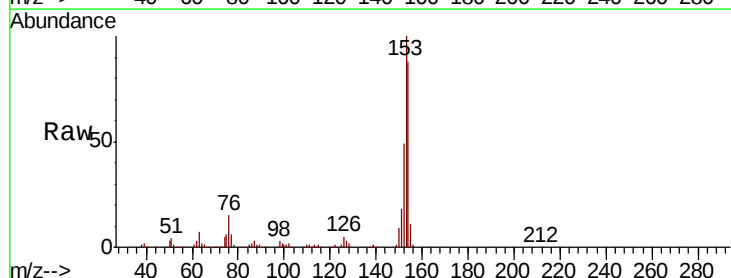
Tgt Ion:154 Resp: 456487

Ion Ratio Lower Upper

154 100

153 114.3 97.0 145.6

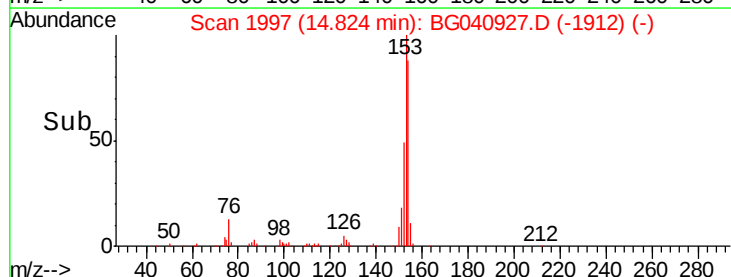
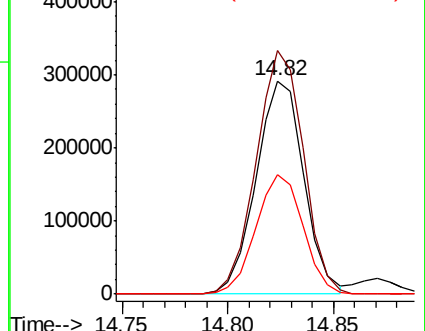
152 55.8 44.1 66.1

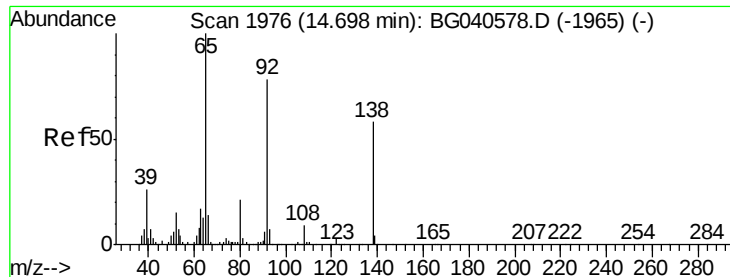


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

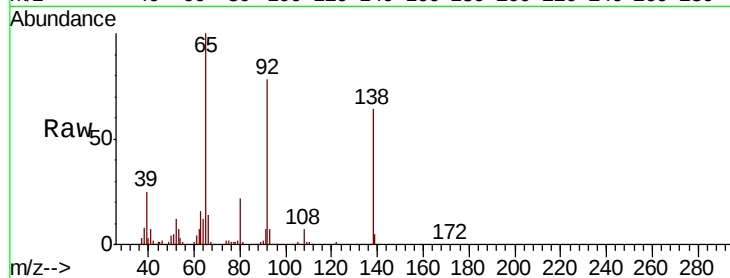




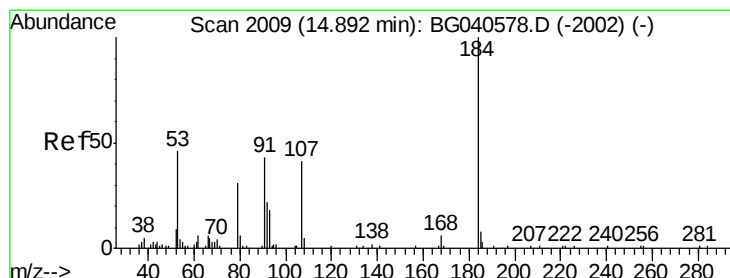
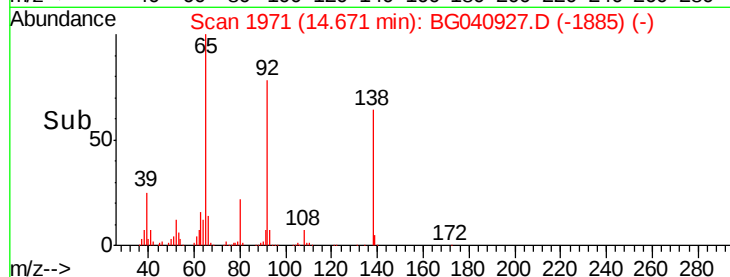
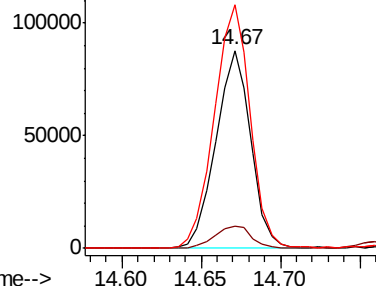
#53
 3-Nitroaniline
 Concen: 43.657 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.03 min
 Lab File: BG040927.D
 Acq: 14 May 2019 1:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:138 Resp: 134283
 Ion Ratio Lower Upper
 138 100
 108 11.5 12.4 18.6#
 92 123.2 108.6 162.8

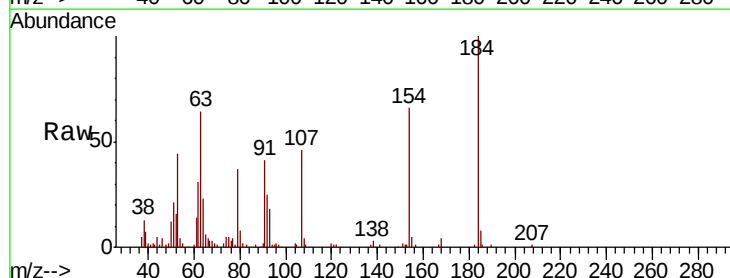


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

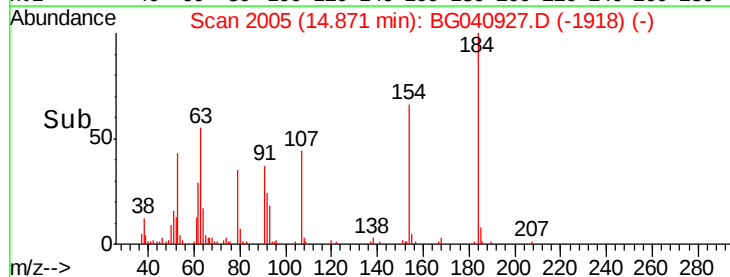
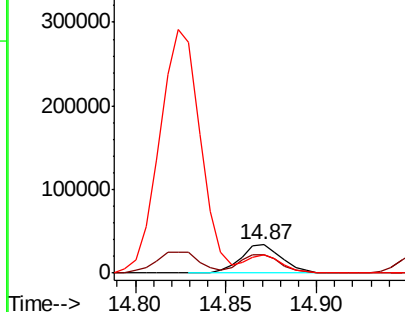


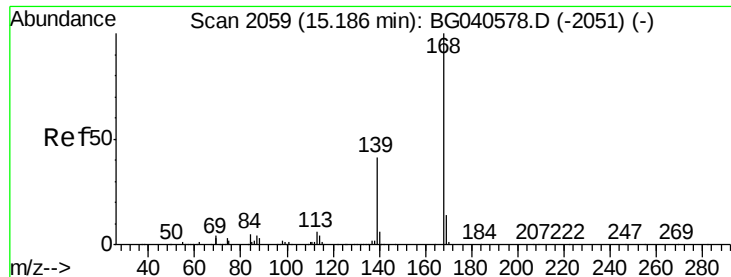
#54
 2,4-Dinitrophenol
 Concen: 35.809 ng
 RT: 14.87 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BG040927.D
 Acq: 14 May 2019 1:44

Tgt Ion:184 Resp: 53437
 Ion Ratio Lower Upper
 184 100
 63 63.8 51.8 77.6
 154 65.8 43.6 65.4#



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





#55

Dibenzenofuran

Concen: 43.092 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

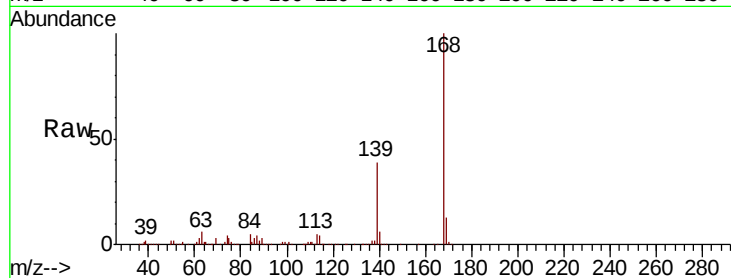
Tot Ion:168 Resp: 778988

Ion Ratio Lower Upper

168 100

139 39.4 33.0 49.4

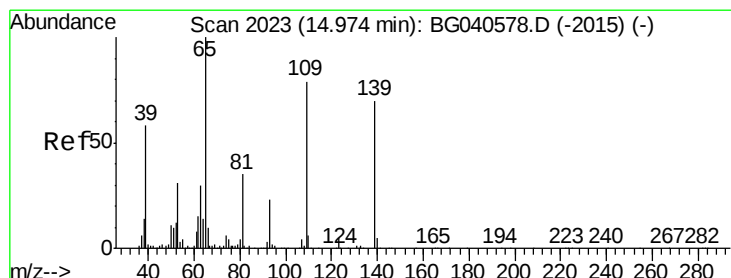
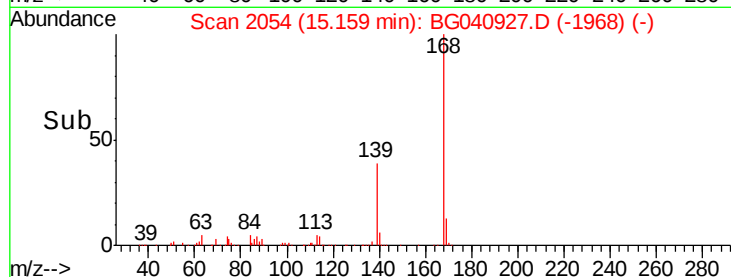
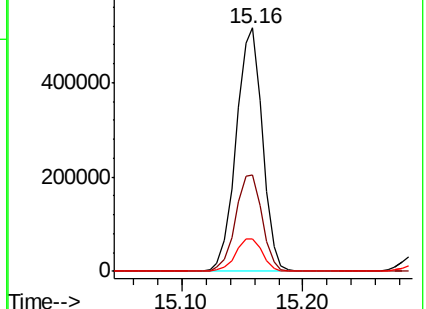
169 13.3 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 40.542 ng

RT: 14.96 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

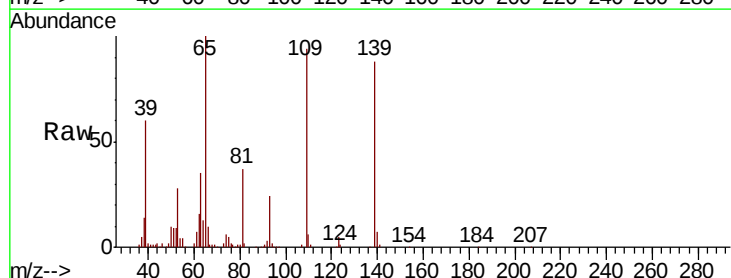
Tgt Ion:139 Resp: 108132

Ion Ratio Lower Upper

139 100

109 106.1 93.8 133.8

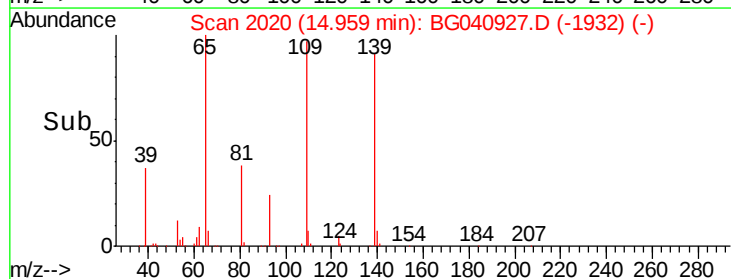
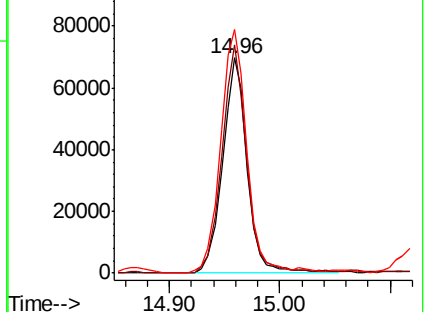
65 113.2 122.7 162.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

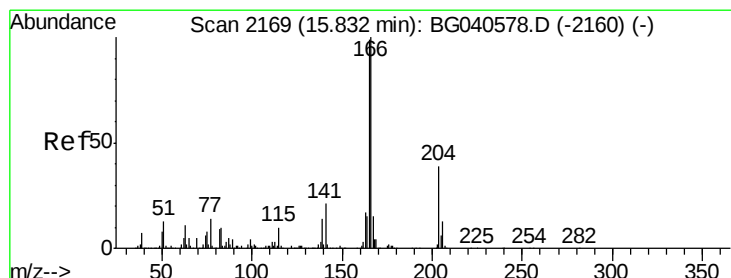
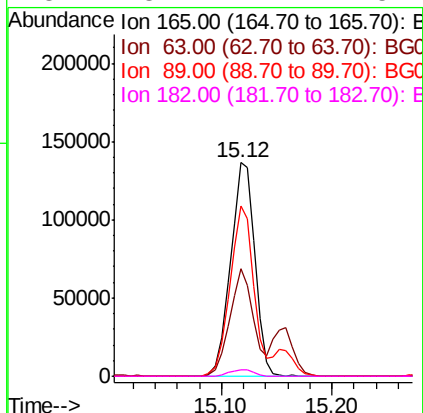
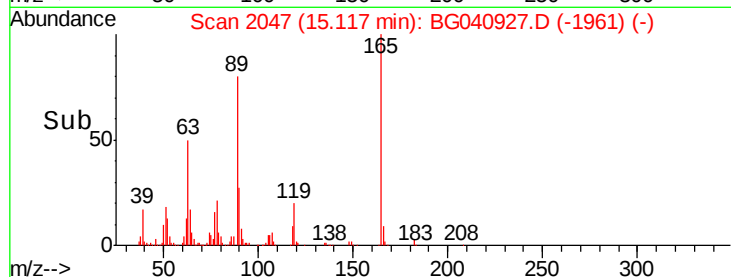
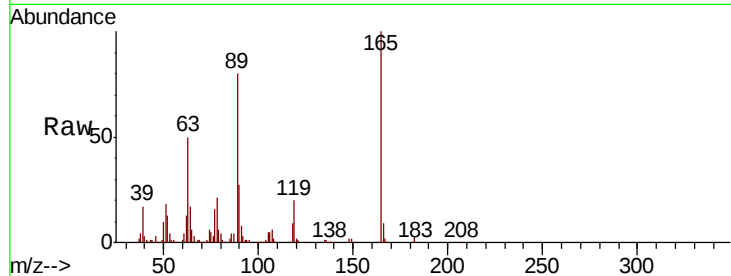




#57
2,4-Dinitrotoluene
Concen: 51.538 ng
RT: 15.12 min Scan# 2047
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

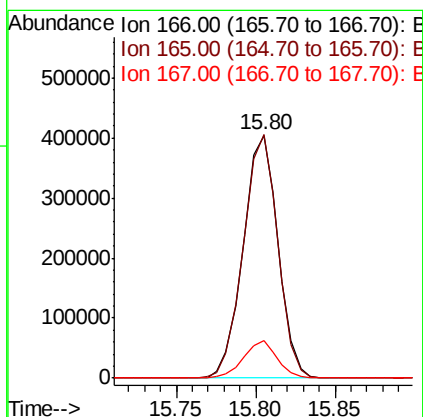
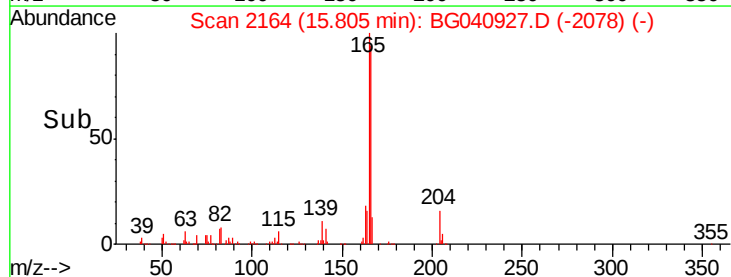
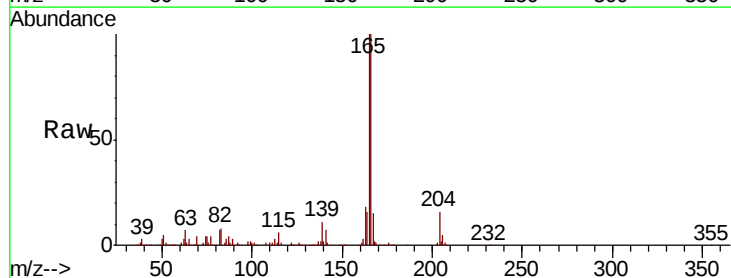
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

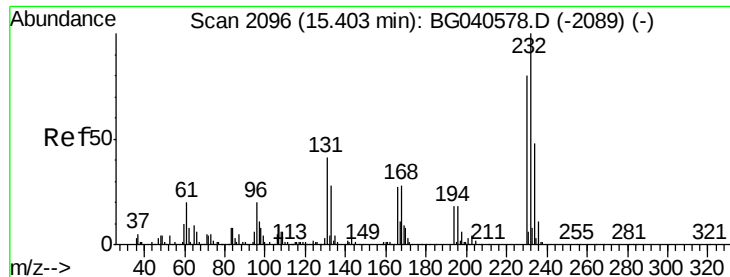
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.2	45.8	68.8
89	79.8	69.4	104.2
182	3.1	2.2	3.4



#58
Fluorene
Concen: 42.130 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.6	119.4
167	15.4	12.2	18.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.447 ng

RT: 15.38 min Scan# 2091

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 210765

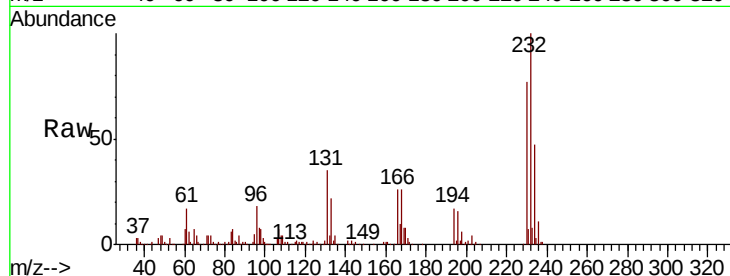
Ion Ratio Lower Upper

232 100

131 37.0 33.0 49.4

130 2.0 2.0 3.0#

166 25.9 22.1 33.1

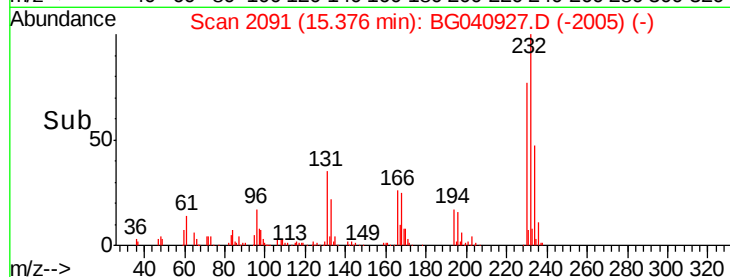


Abundance Ion 232.00 (231.70 to 232.70): E

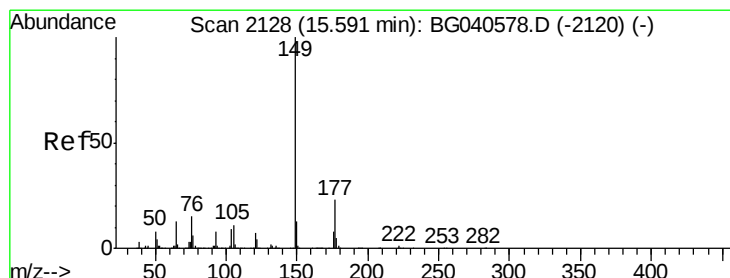
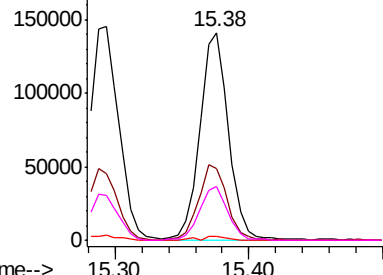
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 41.262 ng

RT: 15.56 min Scan# 2122

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

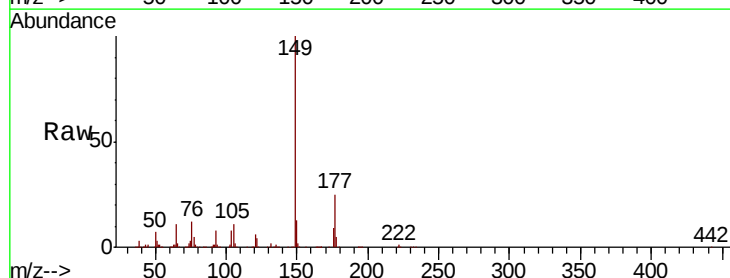
Tgt Ion:149 Resp: 669634

Ion Ratio Lower Upper

149 100

177 25.1 18.5 27.7

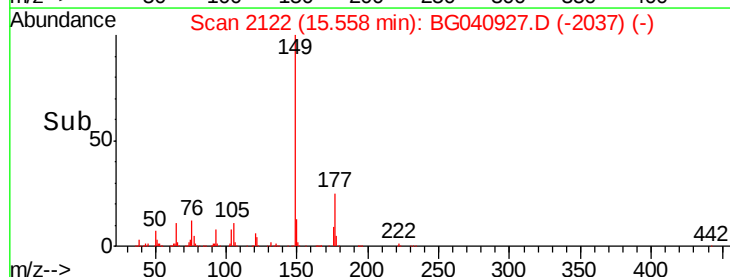
150 13.5 10.2 15.4



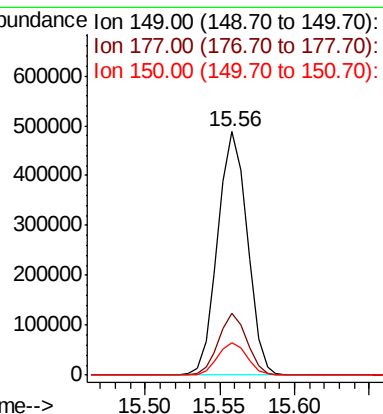
Abundance Ion 149.00 (148.70 to 149.70): E

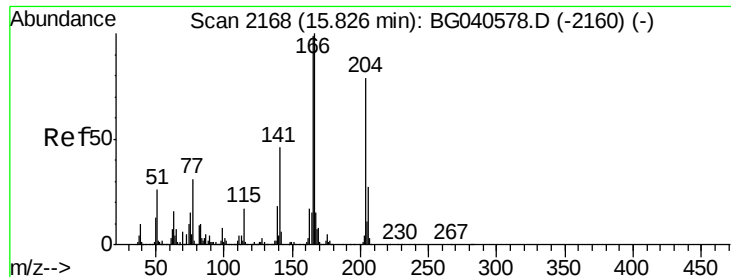
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

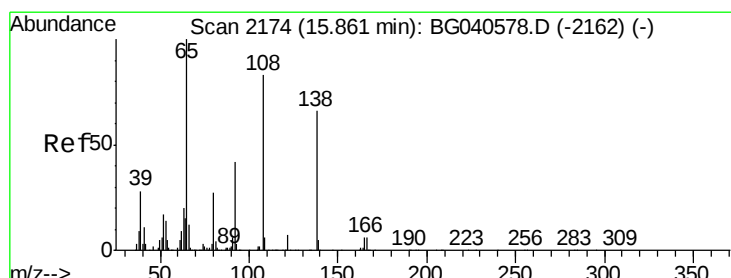
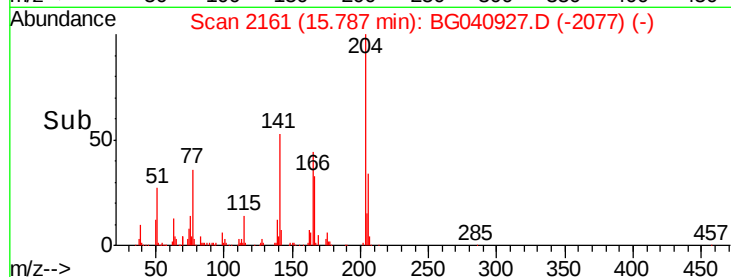
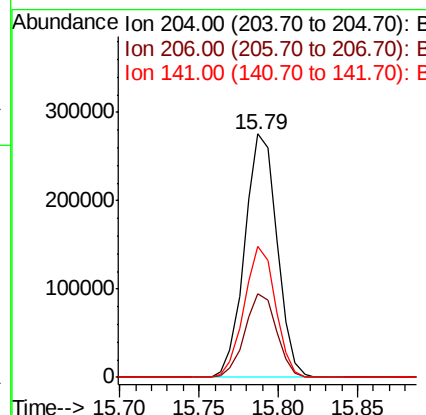
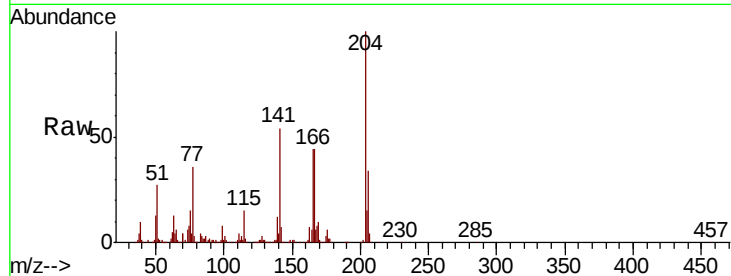




#61
 4-Chlorophenyl-phenylether
 Concen: 45.776 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.04 min
 Lab File: BG040927.D
 Acq: 14 May 2019 1:44

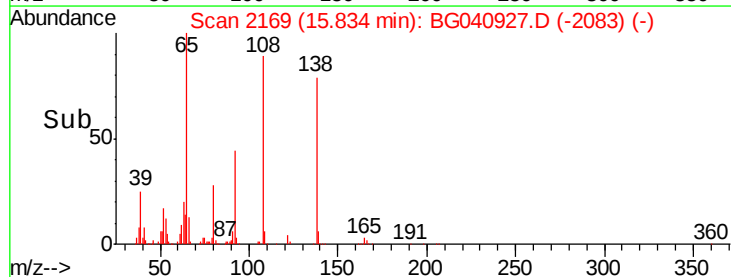
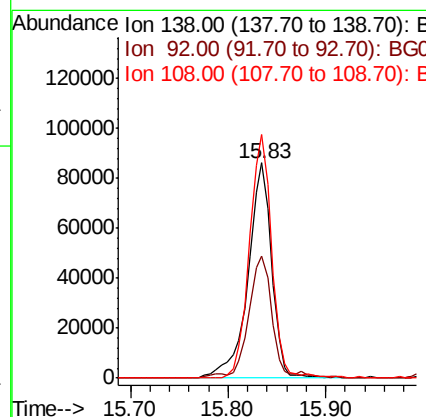
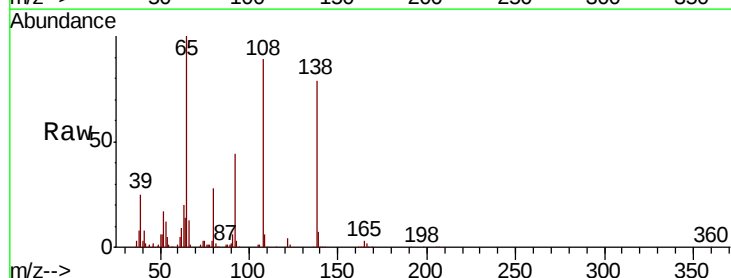
Instrument :
 BNA_G
 ClientSampleId :
 SSTDC040

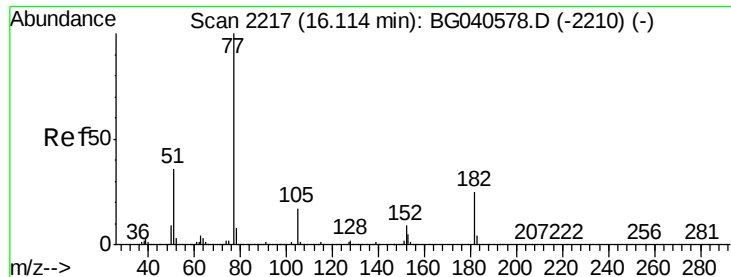
Tot Ion:204 Resp: 389006
 Ion Ratio Lower Upper
 204 100
 206 34.3 27.4 41.2
 141 53.8 46.0 69.0



#62
 4-Nitroaniline
 Concen: 42.174 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.03 min
 Lab File: BG040927.D
 Acq: 14 May 2019 1:44

Tgt Ion:138 Resp: 145109
 Ion Ratio Lower Upper
 138 100
 92 56.4 43.9 83.9
 108 113.1 106.5 146.5

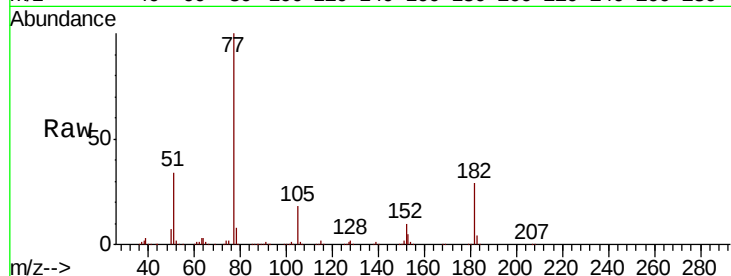




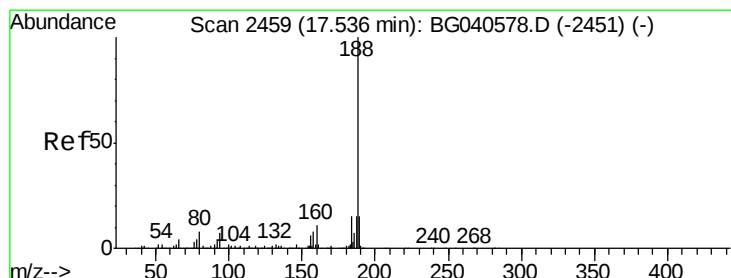
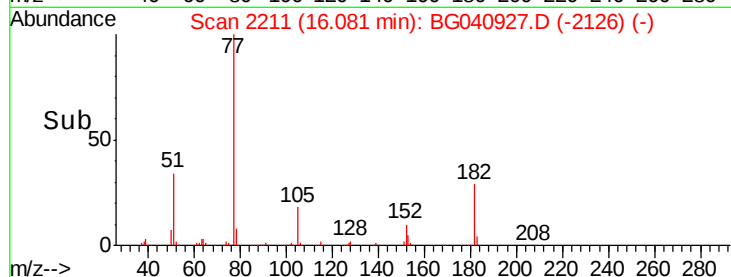
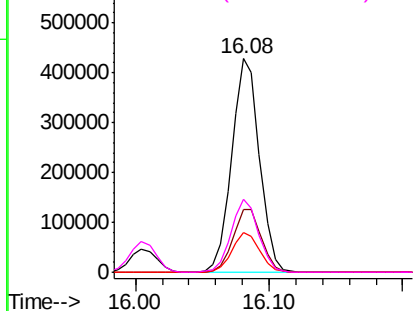
#63
Azobenzene
Concen: 36.987 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	77	Resp:	618178
Ion	Ratio	Lower	Upper
77	100		
182	29.3	5.0	45.0
105	18.3	0.0	37.6
51	34.1	16.3	56.3

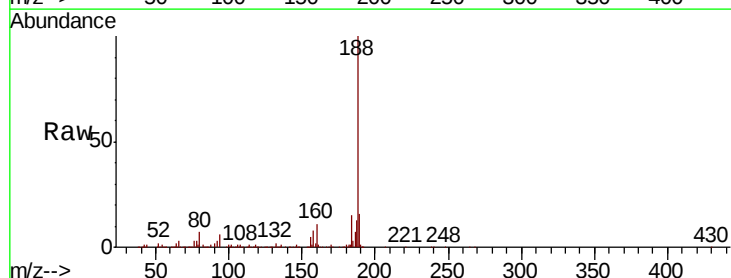


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

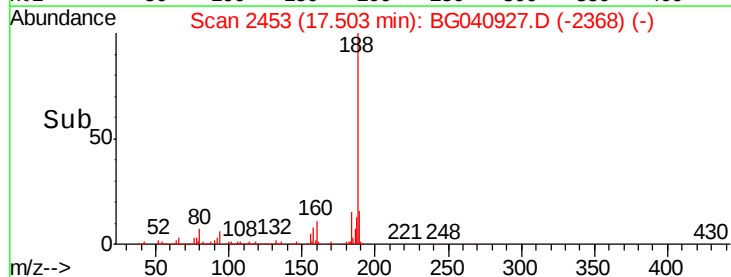
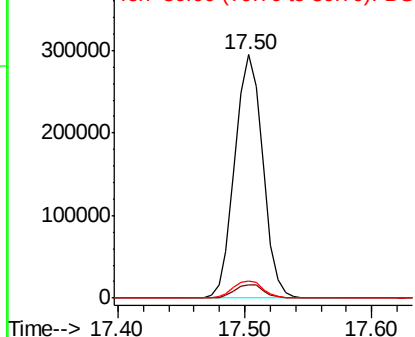


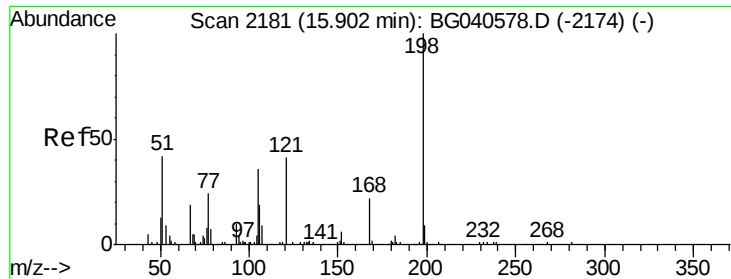
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

Tgt Ion:	188	Resp:	450162
Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.6	8.4
80	6.8	6.4	9.6



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: 45.764 ng

RT: 15.88 min Scan# 2176

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

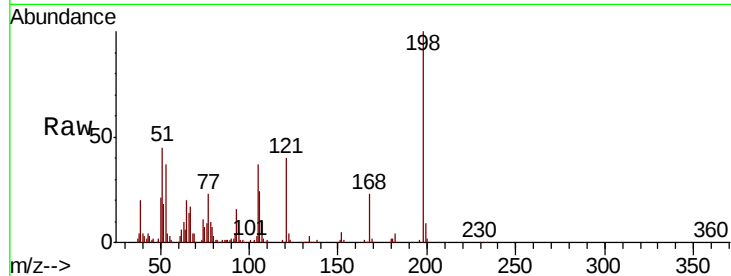
Tot Ion:198 Resp: 100647

Ion Ratio Lower Upper

198 100

51 44.6 35.9 75.9

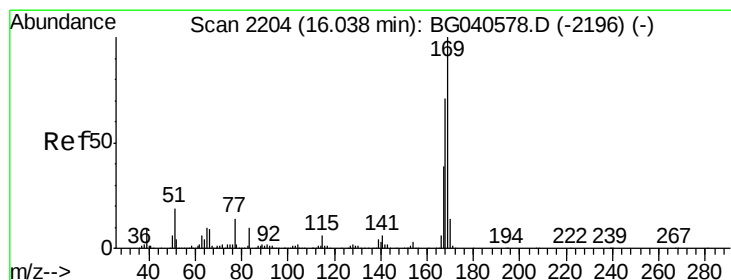
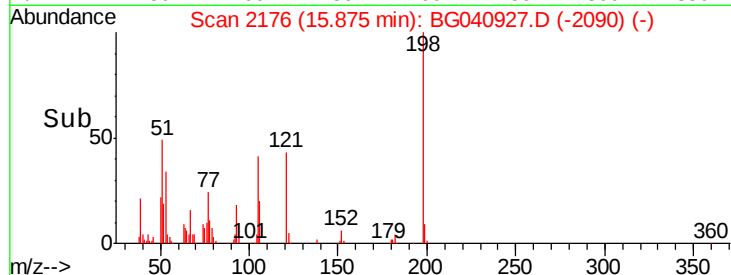
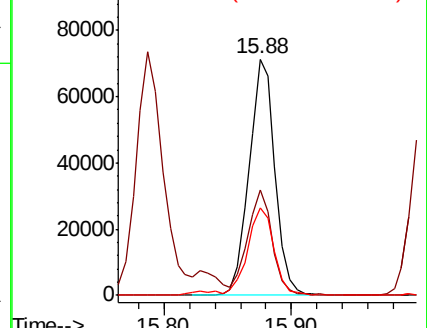
105 37.0 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.657 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

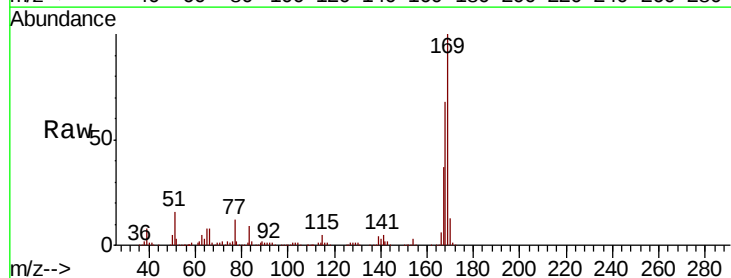
Tgt Ion:169 Resp: 551711

Ion Ratio Lower Upper

169 100

168 67.5 56.8 85.2

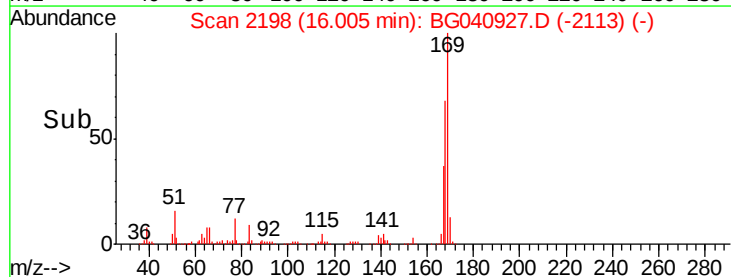
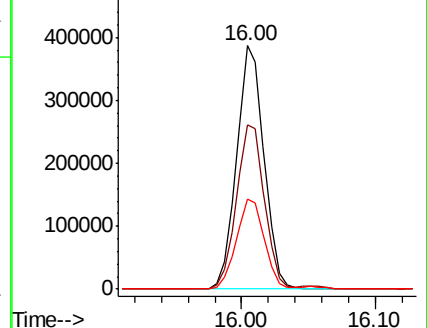
167 37.0 31.4 47.0

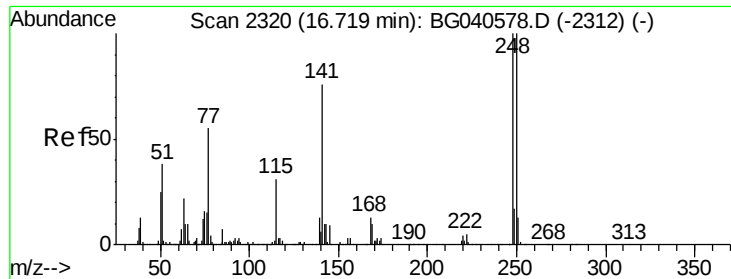


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

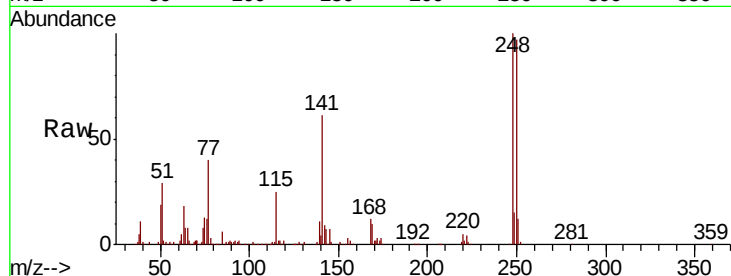




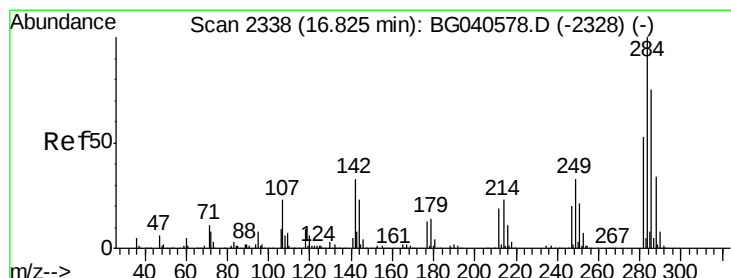
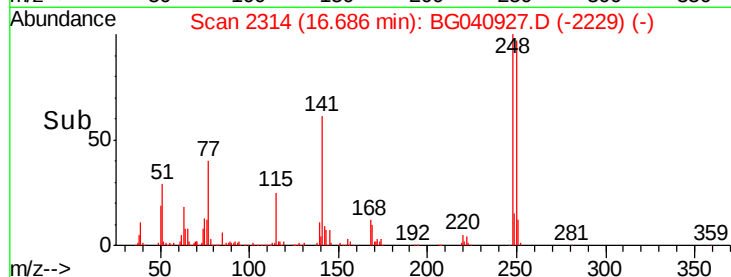
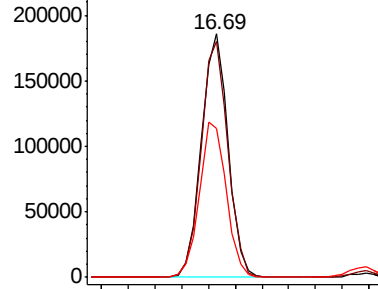
#67
 4-Bromophenyl-phenylether
 Concen: 46.471 ng
 RT: 16.69 min Scan# 2314
 Delta R.T. -0.03 min
 Lab File: BG040927.D
 Acq: 14 May 2019 1:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:248 Resp: 260627
 Ion Ratio Lower Upper
 248 100
 250 97.0 79.8 119.6
 141 61.4 60.8 91.2

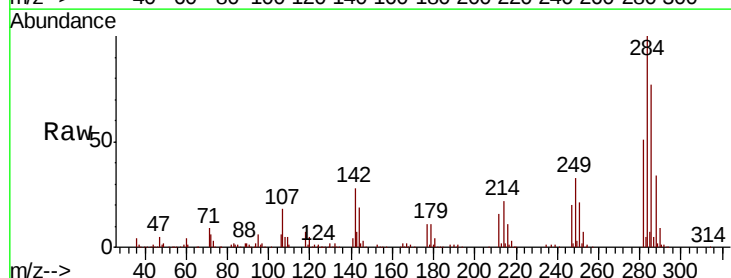


Abundance Ion 248.00 (247.70 to 248.70): E
 250000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

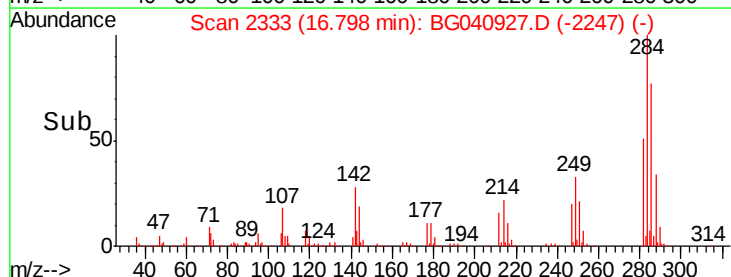
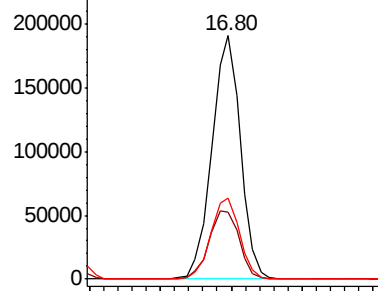


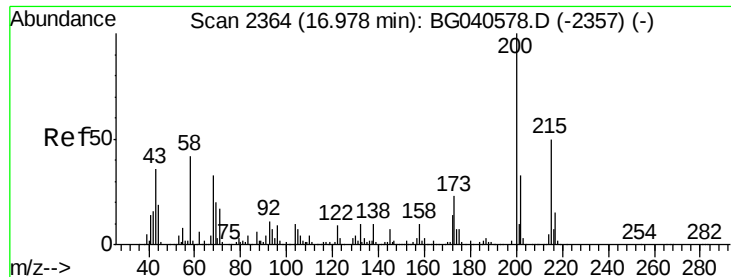
#68
 Hexachlorobenzene
 Concen: 46.341 ng
 RT: 16.80 min Scan# 2333
 Delta R.T. -0.03 min
 Lab File: BG040927.D
 Acq: 14 May 2019 1:44

Tgt Ion:284 Resp: 268738
 Ion Ratio Lower Upper
 284 100
 142 27.7 26.6 40.0
 249 36.0 26.0 39.0



Abundance Ion 283.80 (283.50 to 284.50): E
 250000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 34.164 ng

RT: 16.94 min Scan# 2358

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

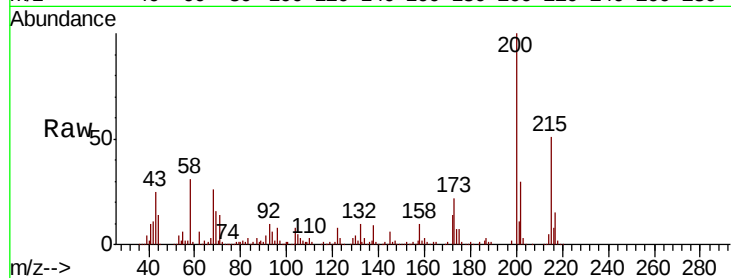
Tot Ion:200 Resp: 179267

Ion Ratio Lower Upper

200 100

173 21.6 2.8 42.8

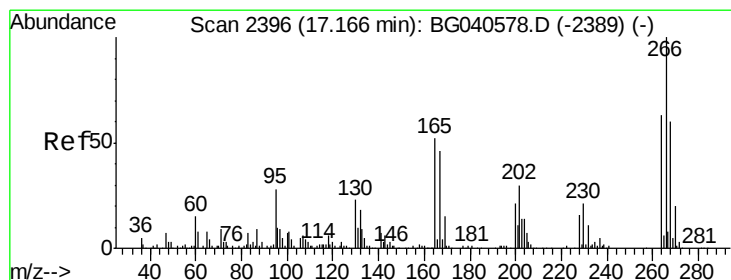
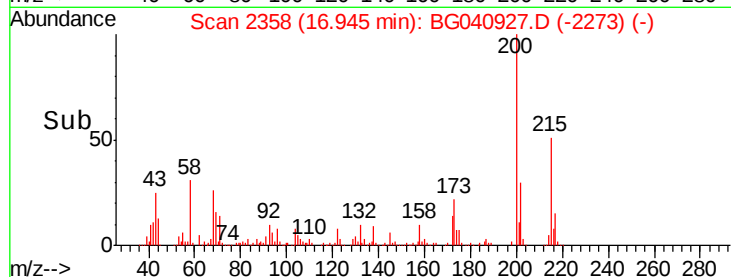
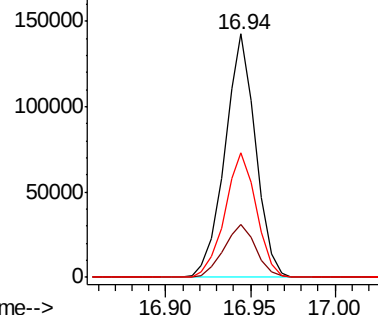
215 51.2 30.2 70.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 44.936 ng

RT: 17.14 min Scan# 2392

Delta R.T. -0.02 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

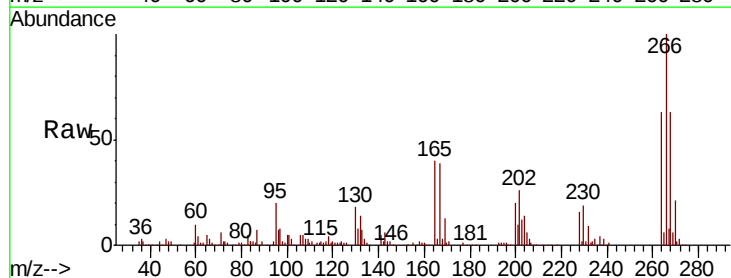
Tgt Ion:266 Resp: 152489

Ion Ratio Lower Upper

266 100

268 62.8 52.3 78.5

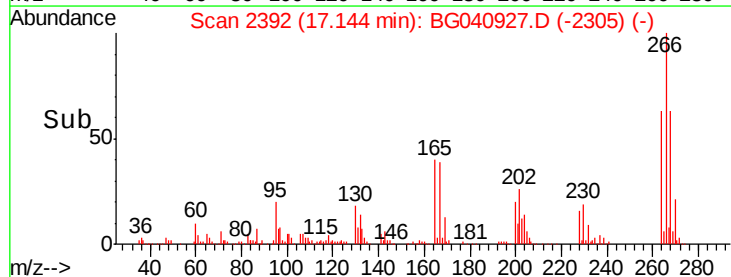
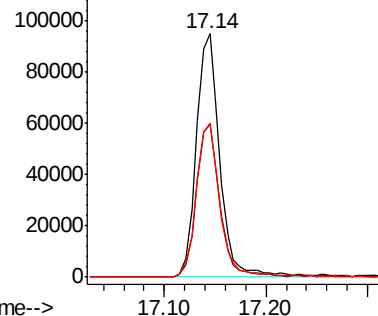
264 63.0 50.0 75.0

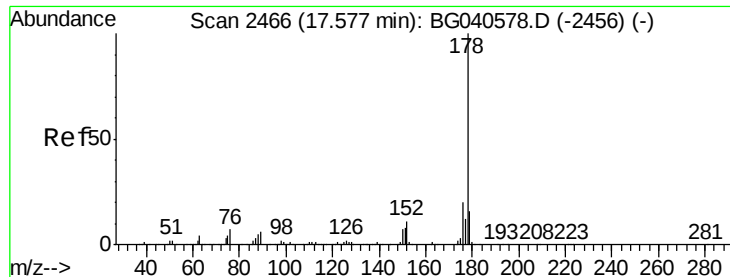


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

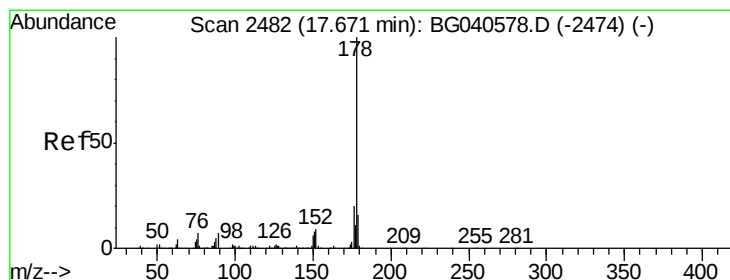
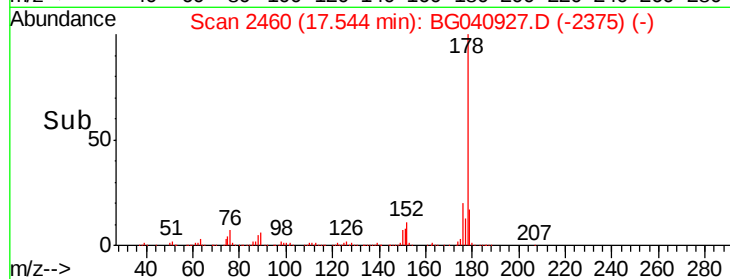
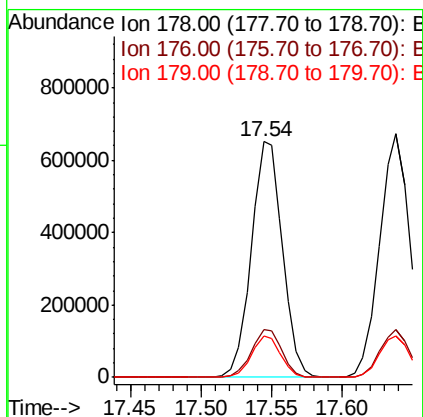
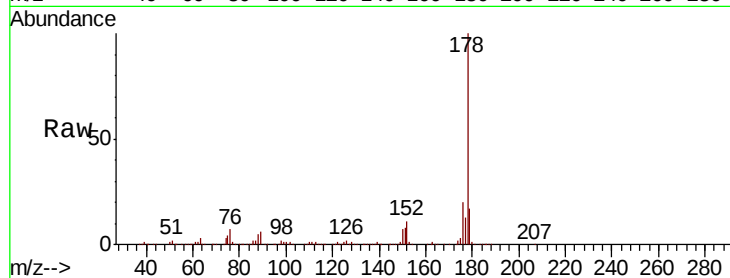




#71
Phenanthrene
Concen: 41.514 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

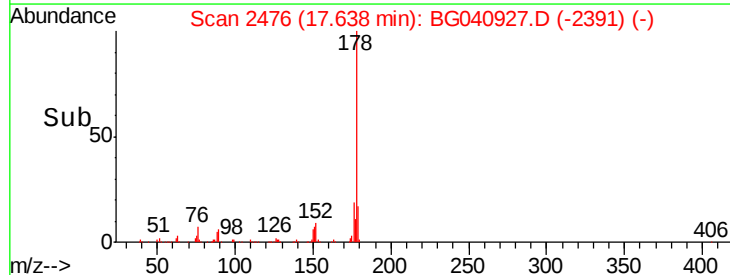
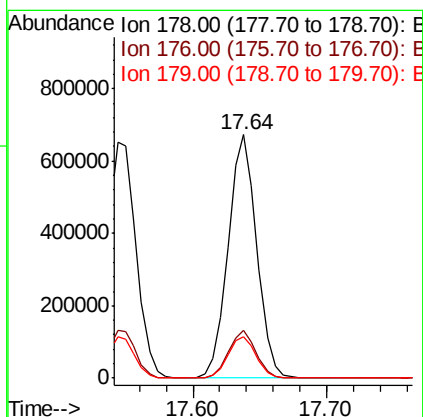
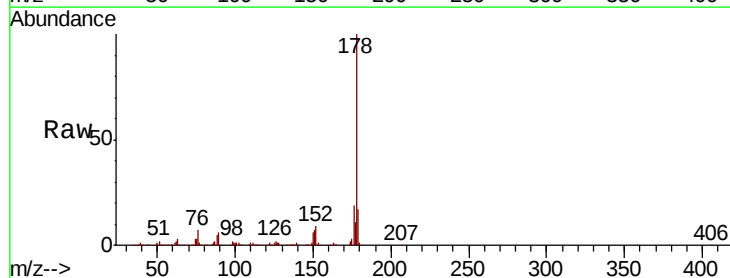
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1006595
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.6
179 17.4 12.6 18.8



#72
Anthracene
Concen: 41.154 ng
RT: 17.64 min Scan# 2476
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

Tgt Ion:178 Resp: 1003003
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 17.0 12.9 19.3

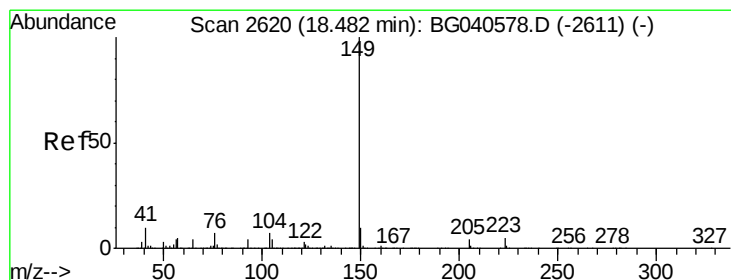
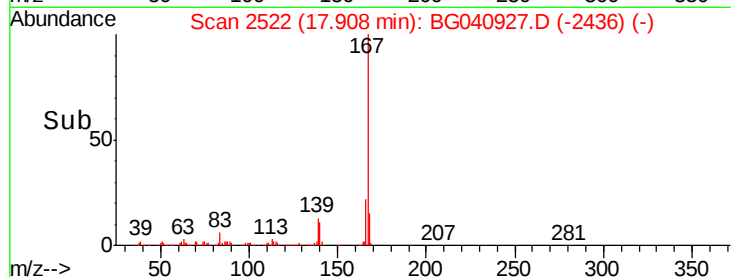
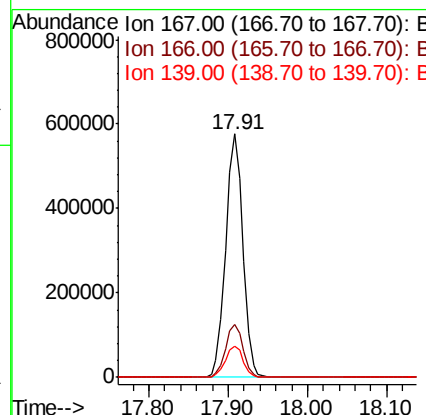
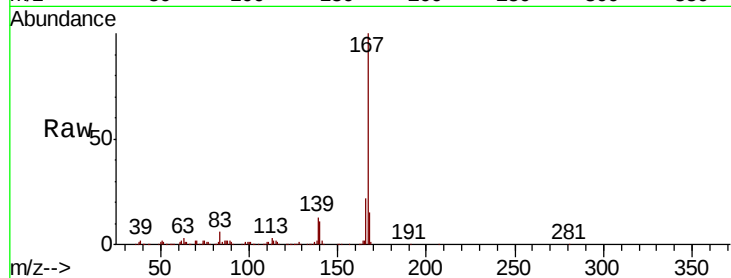




#73
 Carbazole
 Concen: 39.072 ng
 RT: 17.91 min Scan# 2522
 Delta R.T. -0.03 min
 Lab File: BG040927.D
 Acq: 14 May 2019 1:44

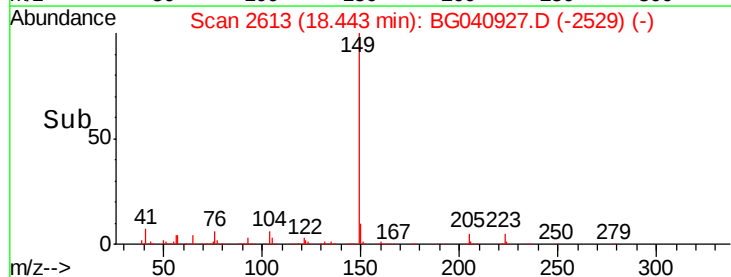
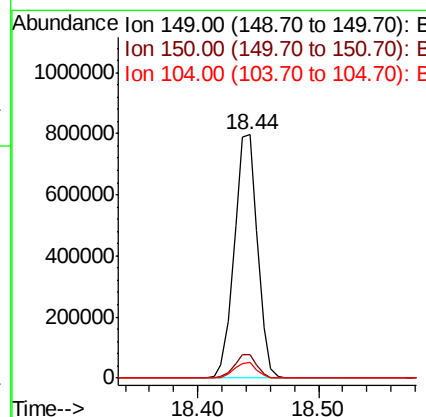
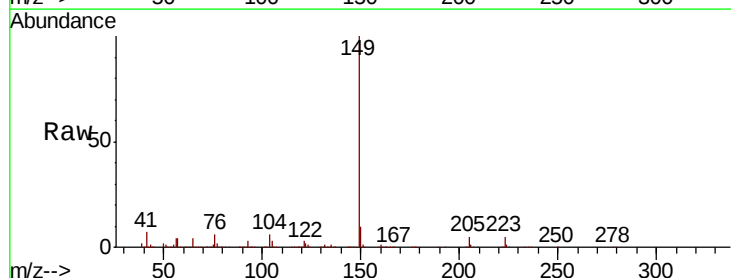
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.4
139	12.7	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 39.591 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.04 min
 Lab File: BG040927.D
 Acq: 14 May 2019 1:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.2
104	6.5	5.4	8.2





#75

Fluoranthene

Concen: 40.992 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.03 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

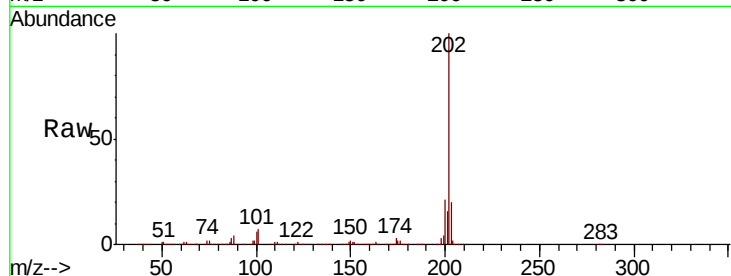
Tot Ion:202 Resp: 1238606

Ion Ratio Lower Upper

202 100

101 6.9 0.0 27.5

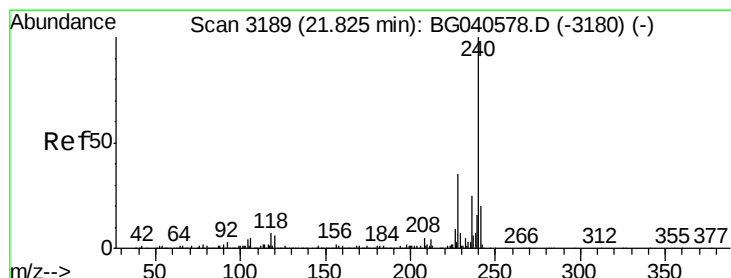
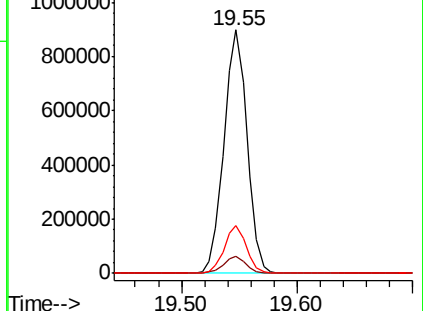
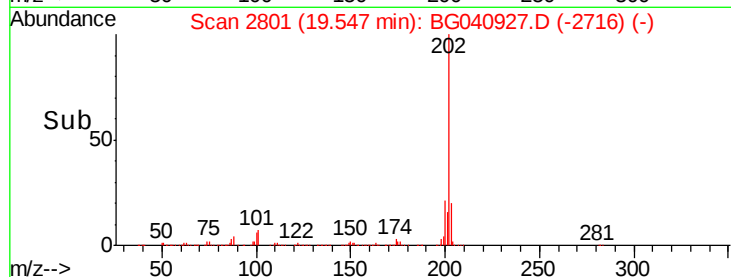
203 19.6 0.0 39.3



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: 21.79 min Scan# 3182

Delta R.T. -0.04 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

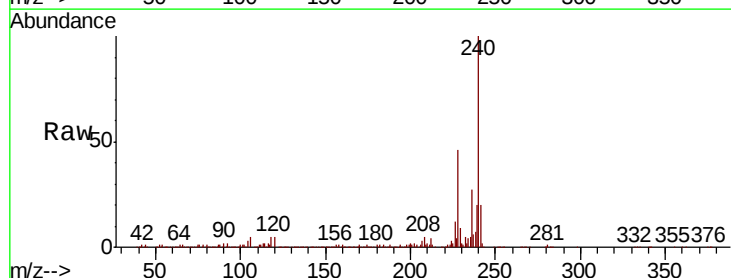
Tgt Ion:240 Resp: 438773

Ion Ratio Lower Upper

240 100

120 4.8 5.0 7.6#

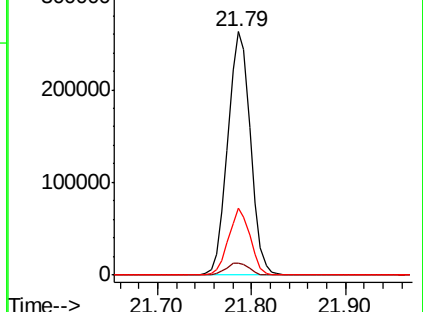
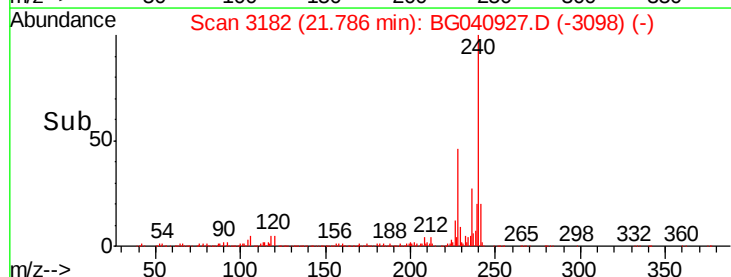
236 27.4 20.3 30.5

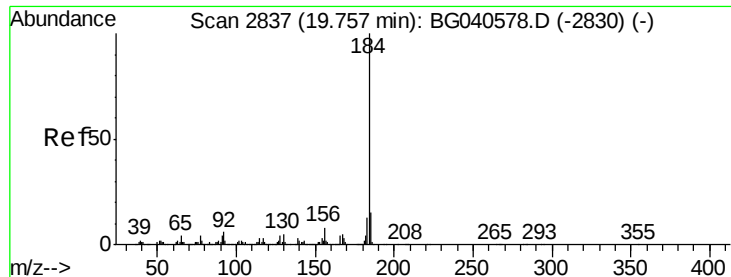


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

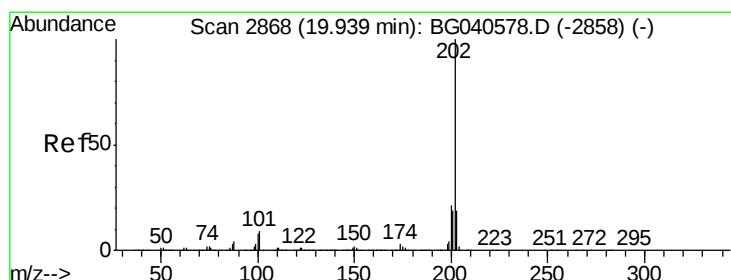
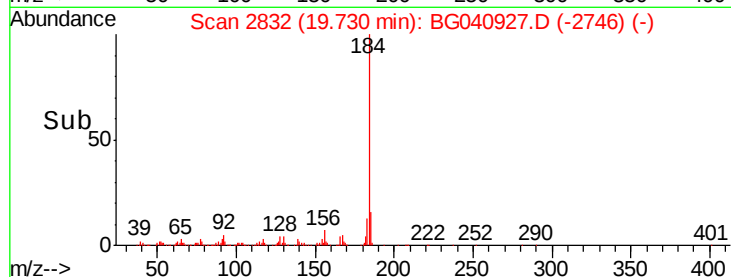
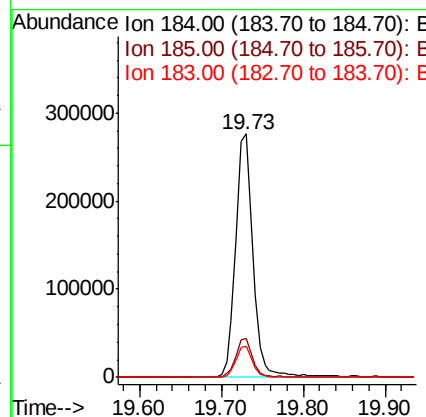
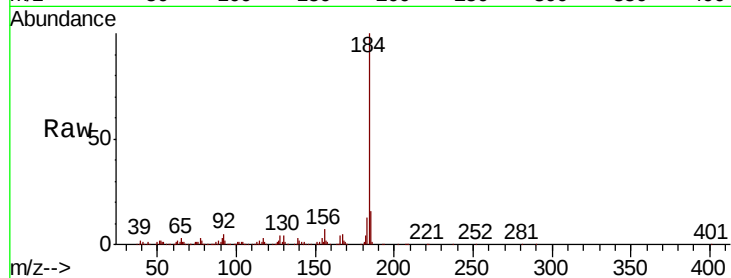




#77
Benzidine
Concen: 34.541 ng
RT: 19.73 min Scan# 2832
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

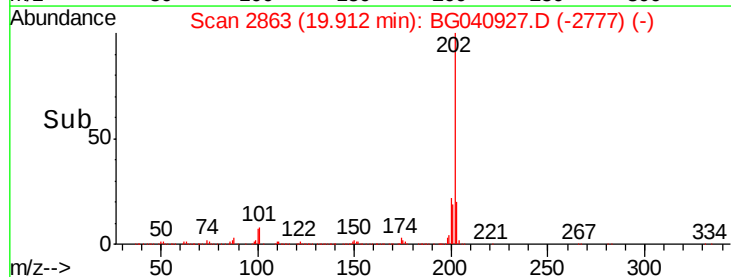
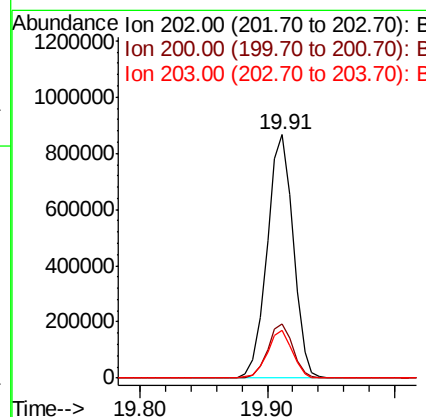
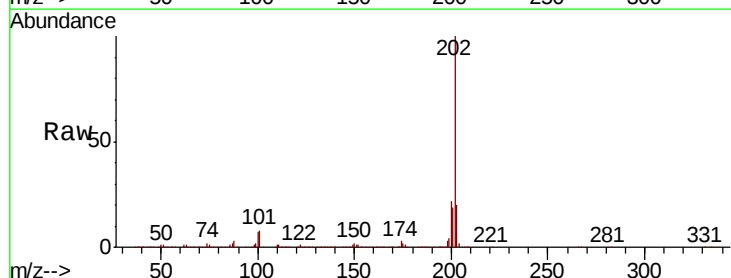
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

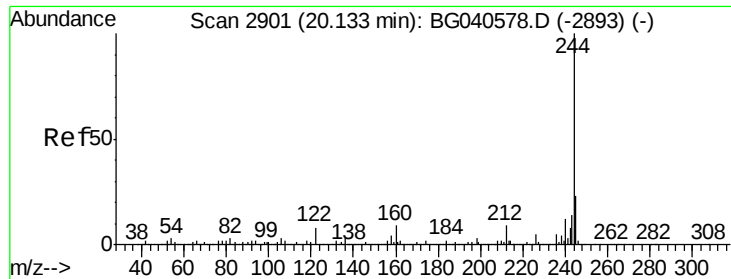
Tot Ion:184 Resp: 414973
Ion Ratio Lower Upper
184 100
185 16.1 11.8 17.8
183 12.7 10.2 15.2



#78
Pyrene
Concen: 45.108 ng
RT: 19.91 min Scan# 2863
Delta R.T. -0.03 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

Tgt Ion:202 Resp: 1240486
Ion Ratio Lower Upper
202 100
200 22.4 17.2 25.8
203 19.8 15.0 22.4





#79

Terphenyl-d14

Concen: 89.745 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.04 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

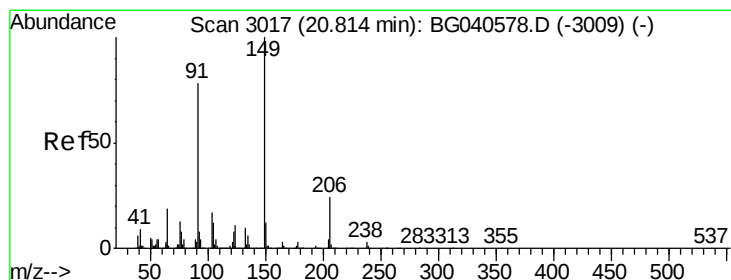
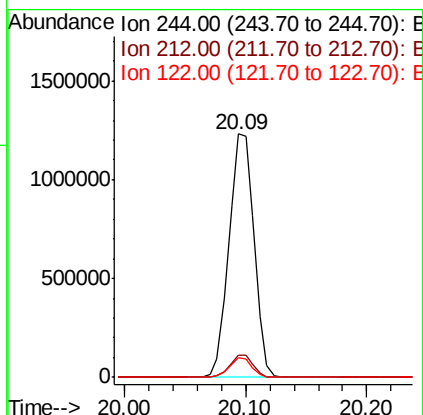
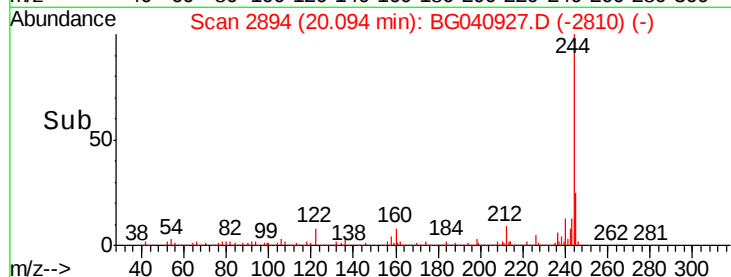
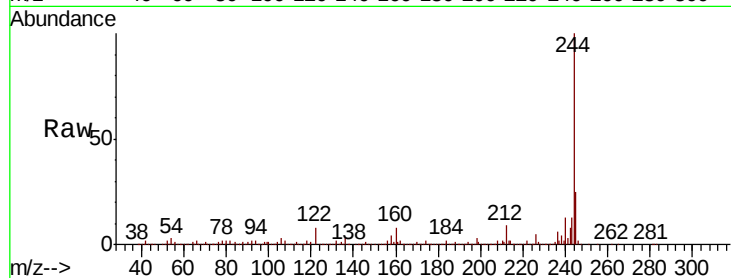
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1777437

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.2	10.8
122	7.9	6.6	10.0



#80

Butylbenzylphthalate

Concen: 44.711 ng

RT: 20.78 min Scan# 3010

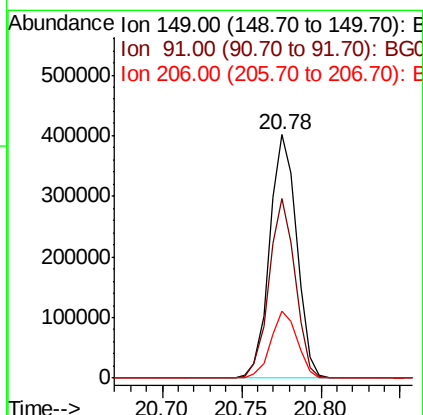
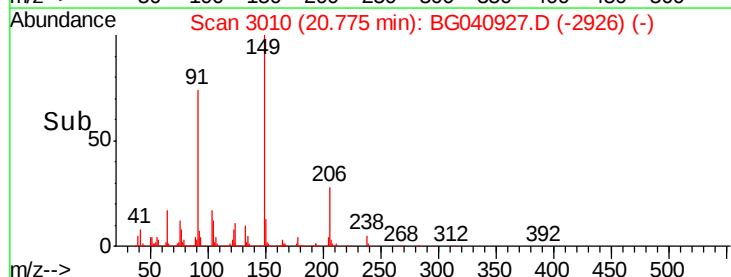
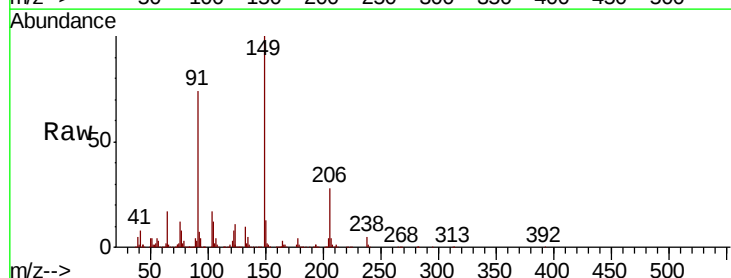
Delta R.T. -0.04 min

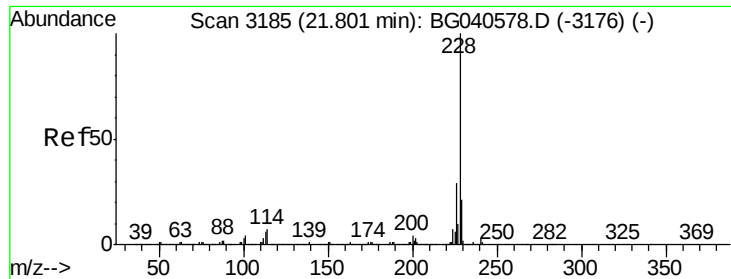
Lab File: BG040927.D

Acq: 14 May 2019 1:44

Tgt Ion:149 Resp: 479228

Ion	Ratio	Lower	Upper
149	100		
91	73.6	62.6	93.8
206	27.7	19.4	29.2





#81

Benzo(a)anthracene

Concen: 45.610 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.04 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

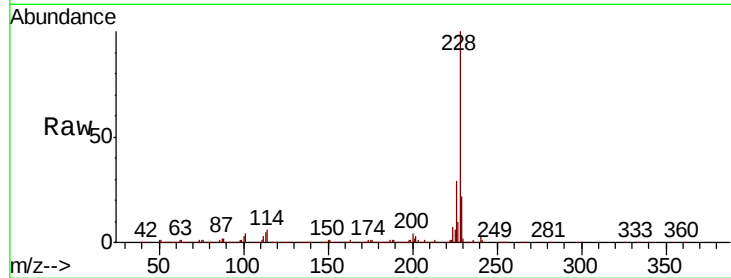
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1264788

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.1	34.7
229	21.7	17.0	25.4

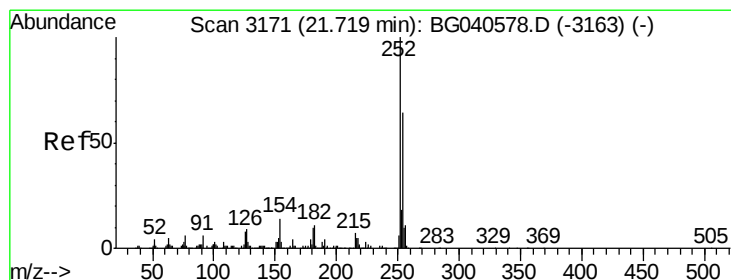
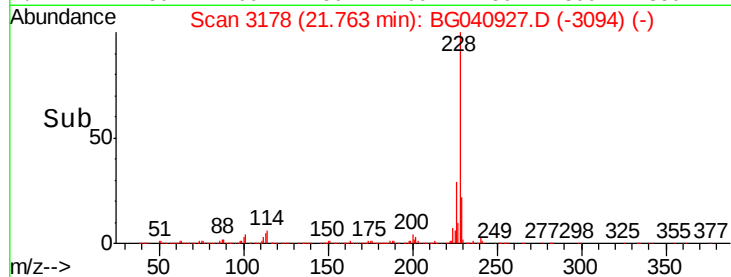
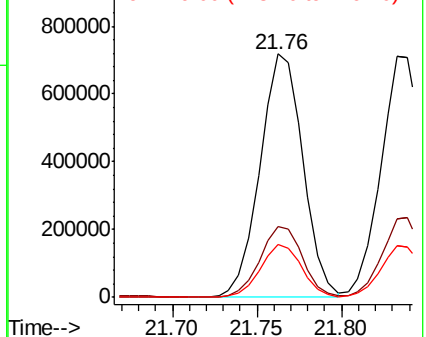


Abundance

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: 44.930 ng

RT: 21.68 min Scan# 3164

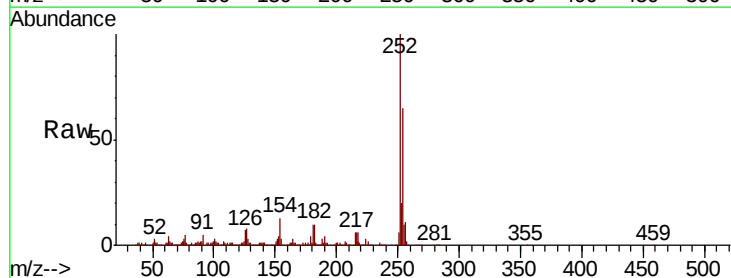
Delta R.T. -0.04 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Tgt Ion:252 Resp: 444090

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.2	76.8
126	7.0	6.6	10.0

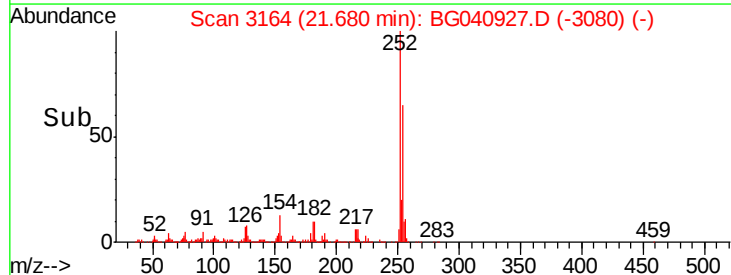
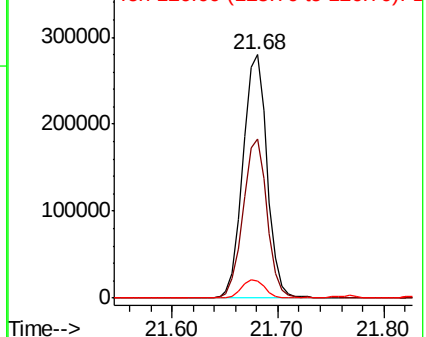


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.089 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.04 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

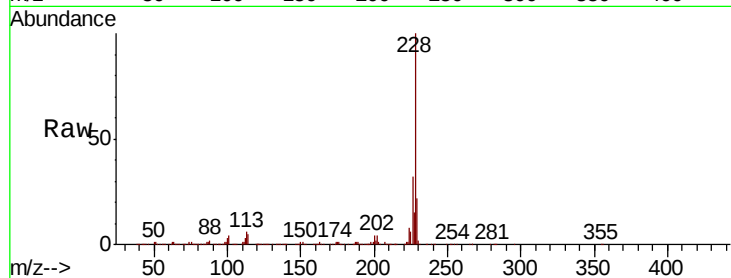
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1215501

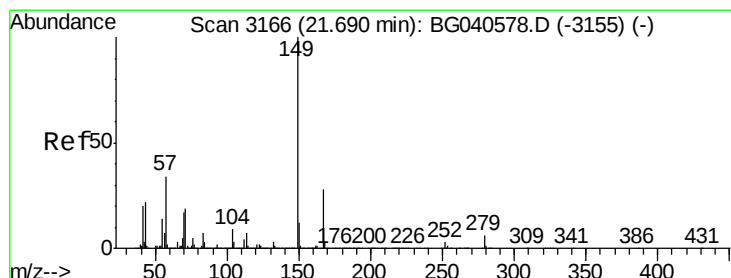
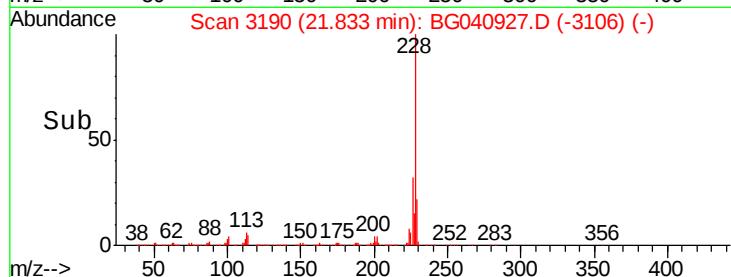
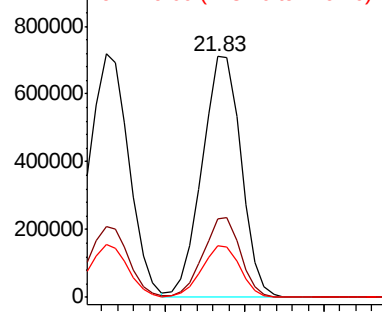
Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.5	38.3
229	21.6	16.8	25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.217 ng

RT: 21.63 min Scan# 3156

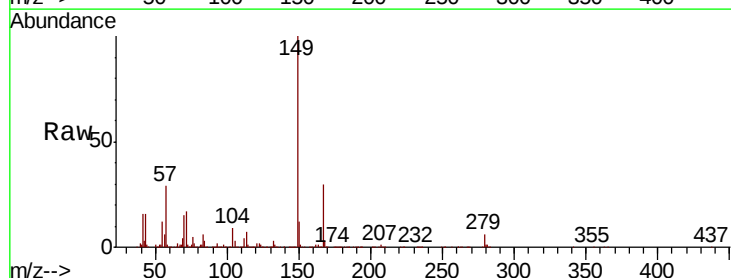
Delta R.T. -0.06 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Tgt Ion:149 Resp: 668653

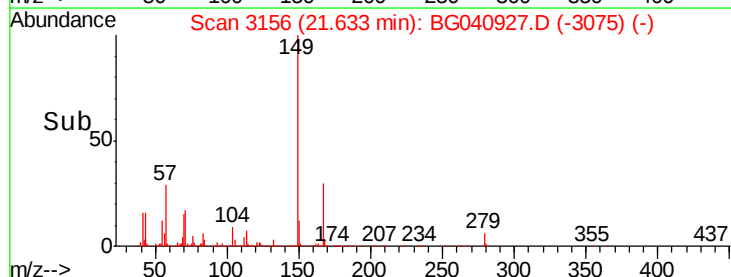
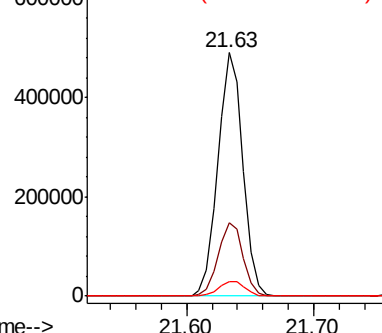
Ion	Ratio	Lower	Upper
149	100		
167	30.2	22.4	33.6
279	6.1	4.6	6.8

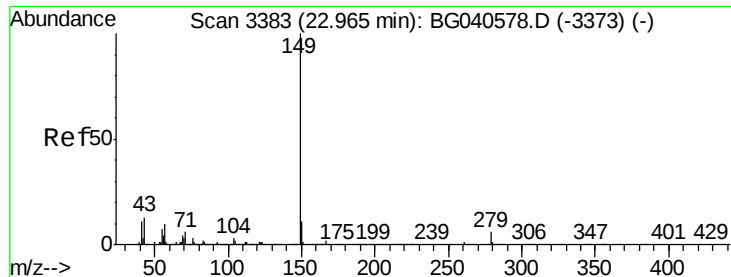


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.824 ng

RT: 22.88 min Scan# 3369

Delta R.T. -0.08 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

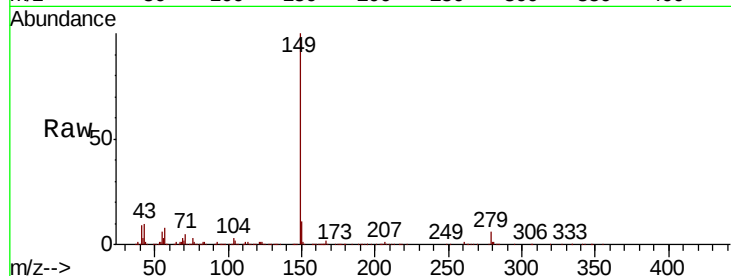
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1141933

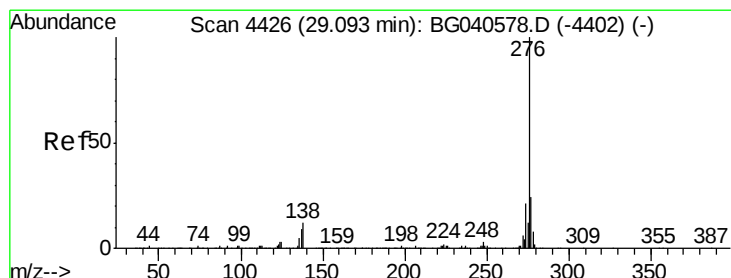
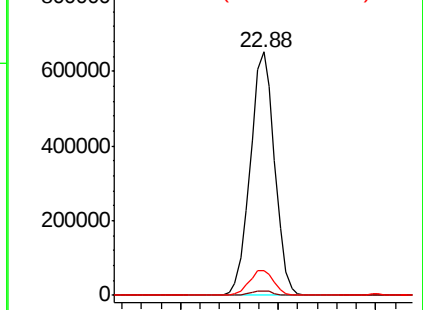
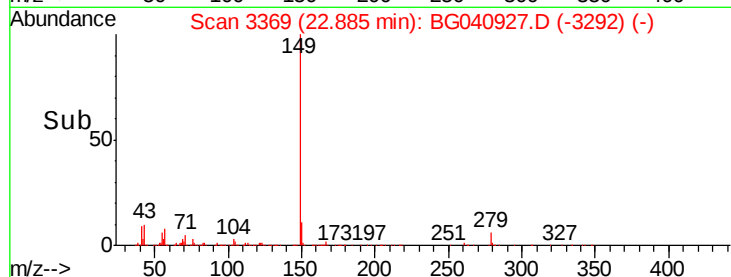
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	10.4	10.2	15.2



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.666 ng

RT: 28.98 min Scan# 4407

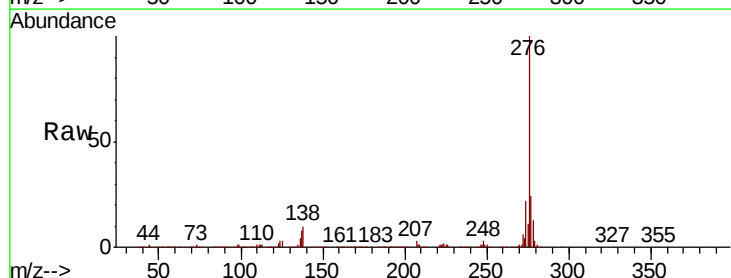
Delta R.T. -0.11 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Tgt Ion:276 Resp: 1487996

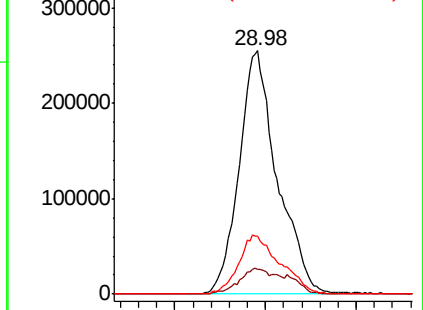
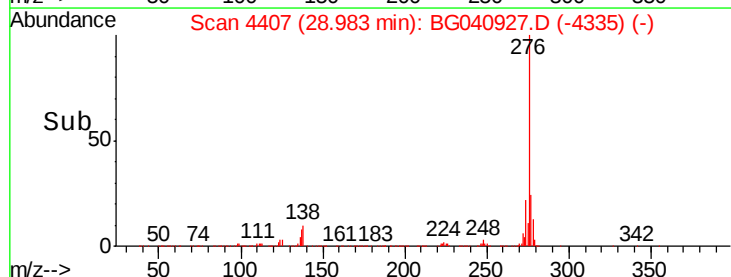
Ion	Ratio	Lower	Upper
276	100		
138	8.2	9.8	14.6#
277	26.4	17.3	25.9#

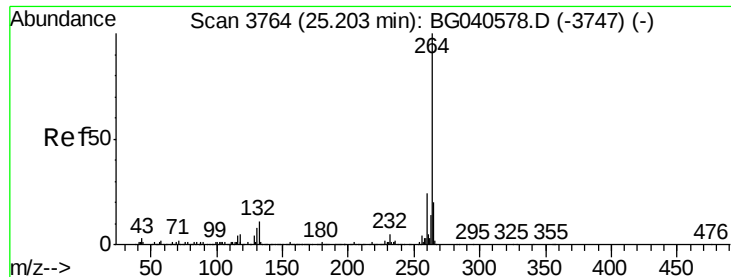


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.13 min Scan# 3751

Delta R.T. -0.07 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

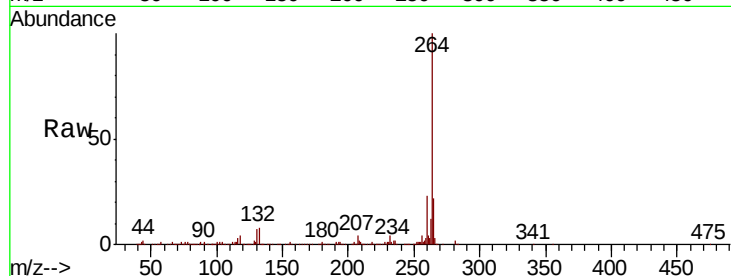
Tot Ion:264 Resp: 479520

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

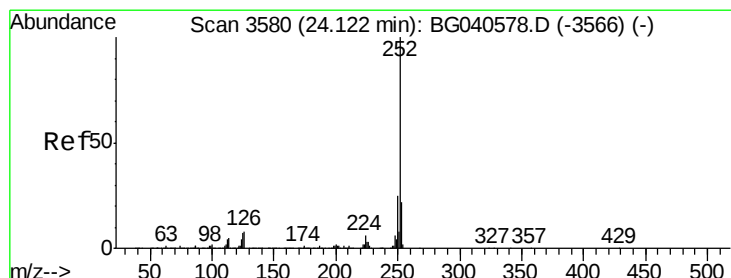
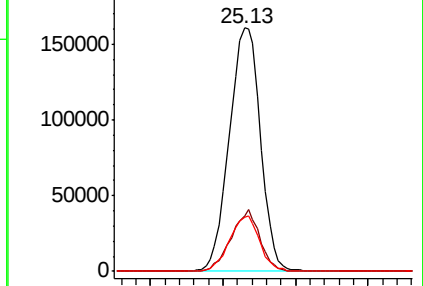
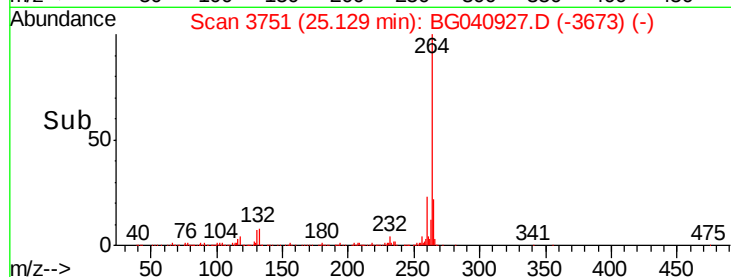
265 22.1 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.058 ng

RT: 24.06 min Scan# 3569

Delta R.T. -0.06 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

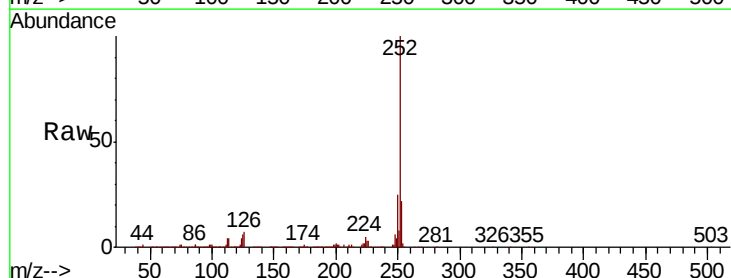
Tgt Ion:252 Resp: 1261713

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

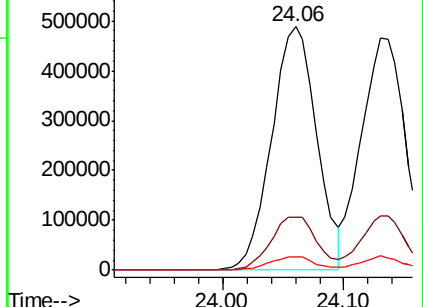
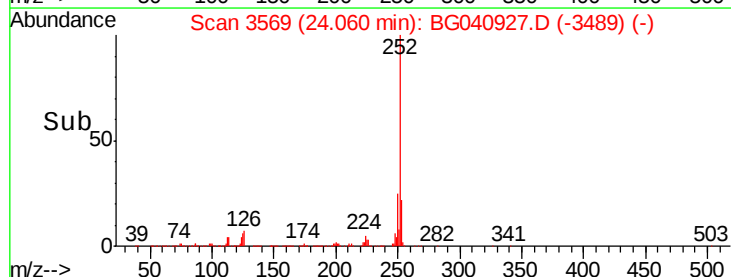
125 5.6 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.895 ng

RT: 24.13 min Scan# 3581

Delta R.T. -0.06 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

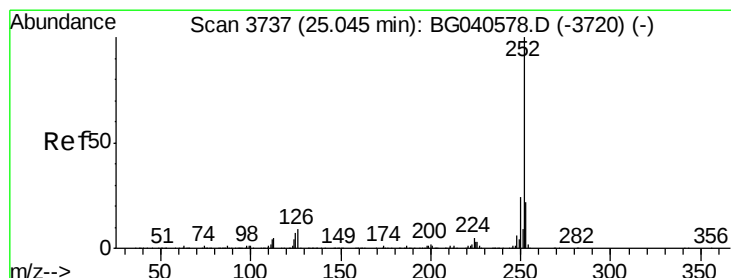
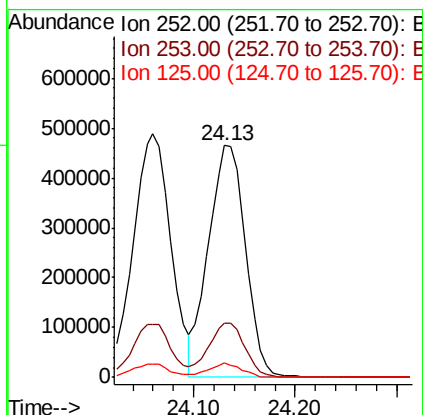
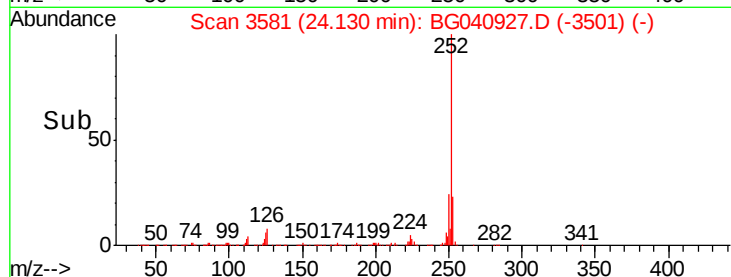
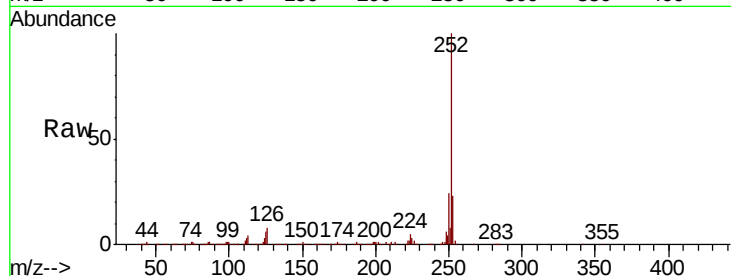
Tot Ion:252 Resp: 1173869

Ion Ratio Lower Upper

252 100

253 23.4 17.6 26.4

125 6.1 5.5 8.3



#90

Benzo(a)pyrene

Concen: 43.112 ng

RT: 24.98 min Scan# 3725

Delta R.T. -0.07 min

Lab File: BG040927.D

Acq: 14 May 2019 1:44

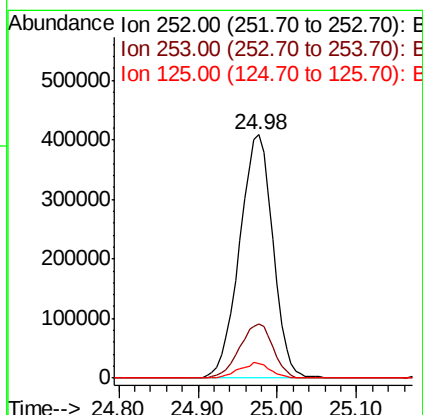
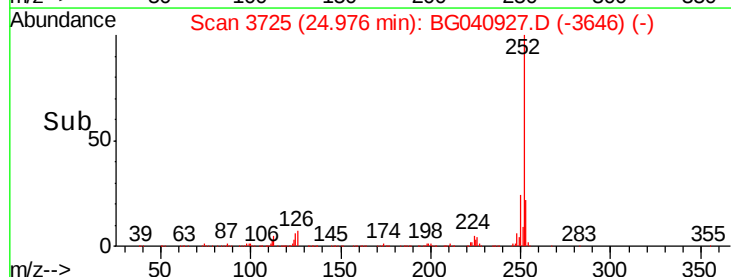
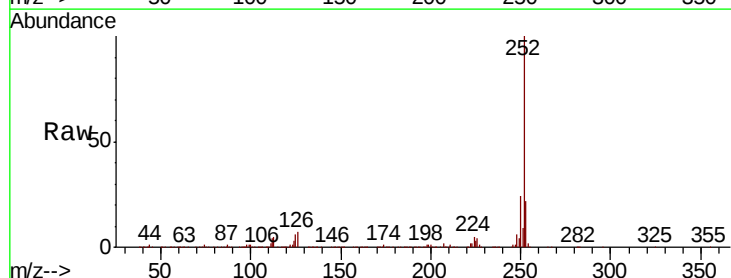
Tgt Ion:252 Resp: 1195807

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 6.2 5.7 8.5

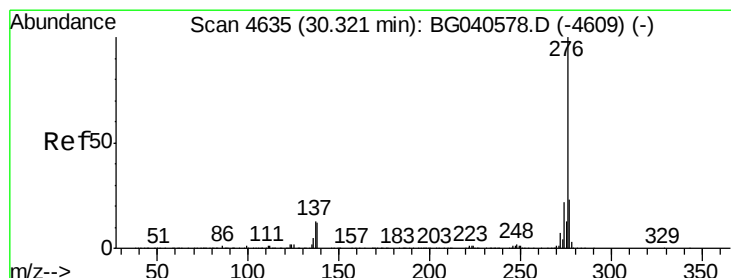
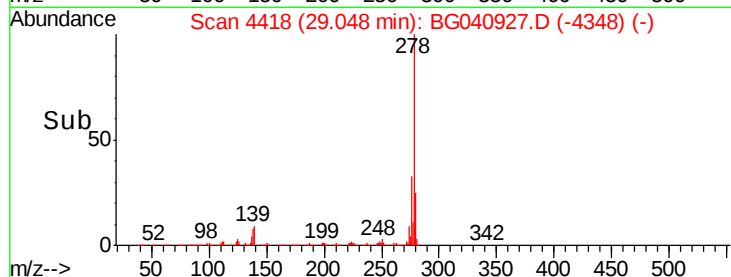
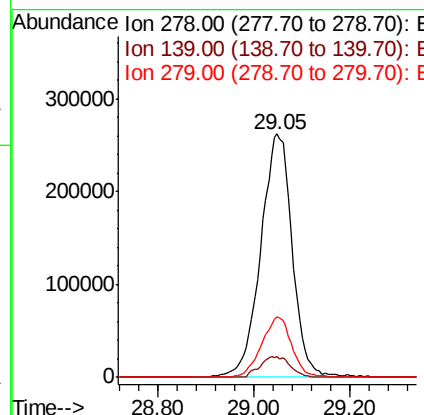
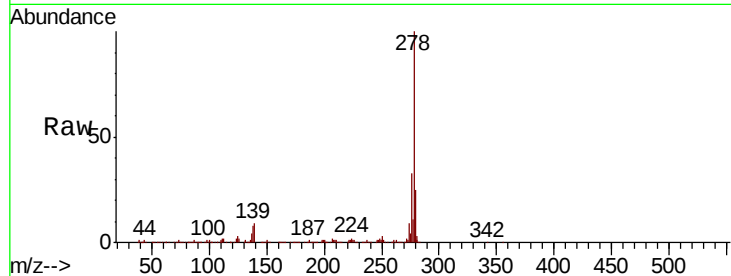




#91
Dibenzo(a,h)anthracene
Concen: 42.647 ng
RT: 29.05 min Scan# 4418
Delta R.T. -0.12 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1197073
Ion Ratio Lower Upper
278 100
139 8.7 8.2 12.4
279 24.8 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 42.808 ng
RT: 30.20 min Scan# 4614
Delta R.T. -0.12 min
Lab File: BG040927.D
Acq: 14 May 2019 1:44

Tgt Ion:276 Resp: 1195878
Ion Ratio Lower Upper
276 100
277 23.9 18.4 27.6
138 11.1 9.8 14.6

