

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042419\
 Data File : BG040597.D
 Acq On : 24 Apr 2019 17:17
 Operator : JU/SJ
 Sample : K2200-08MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 01:02:13 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	8.16	152	44380	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	182083	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	133304	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	348255	20.00	ng	0.00
76) Chrysene-d12	21.82	240	348633	20.00	ng	0.00
87) Perylene-d12	25.20	264	381120	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	339040	134.67	ng	0.00
7) Phenol-d6	7.29	99	472176	121.81	ng	0.00
23) Nitrobenzene-d5	9.34	82	373230	94.71	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	257901	140.75	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	806721	87.40	ng	0.00
79) Terphenyl-d14	20.13	244	1566527	99.55	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.56	88	47186	41.211	ng	# 16
3) Pyridine	3.97	79	113789	34.287	ng	97
4) n-Nitrosodimethylamine	3.88	42	79277	43.067	ng	# 99
6) Aniline	7.48	93	90817	17.675	ng	99
8) 2-Chlorophenol	7.72	128	139563	45.399	ng	93
9) Benzaldehyde	7.29	77	43411	14.378	ng	95
10) Phenol	7.32	94	170383	40.889	ng	93
11) bis(2-Chloroethyl)ether	7.58	93	139113	44.520	ng	98
12) 1,3-Dichlorobenzene	8.05	146	139670	41.626	ng	100
13) 1,4-Dichlorobenzene	8.19	146	142921	42.018	ng	99
14) 1,2-Dichlorobenzene	8.52	146	137376	41.879	ng	98
15) Benzyl Alcohol	8.39	79	187565	46.502	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	260296	41.840	ng	98
17) 2-Methylphenol	8.59	107	137049	46.474	ng	93
18) Hexachloroethane	9.24	117	55610	39.855	ng	89
19) n-Nitroso-di-n-propylamine	8.97	70	145768	41.773	ng	99
20) 3+4-Methylphenols	8.92	107	184685	44.957	ng	99
22) Acetophenone	8.99	105	243341	48.060	ng	# 98
24) Nitrobenzene	9.38	77	206901	49.210	ng	99
25) Isophorone	9.90	82	412788	47.026	ng	100
26) 2-Nitrophenol	10.09	139	72223	47.921	ng	90
27) 2,4-Dimethylphenol	10.13	122	158968	56.217	ng	97
28) bis(2-Chloroethoxy)methane	10.38	93	202949	46.083	ng	99
29) 2,4-Dichlorophenol	10.62	162	165224	51.395	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	165050	46.297	ng	99
31) Naphthalene	11.04	128	445096	46.012	ng	100
32) Benzoic acid	10.18	122	10761	5.559	ng	88
33) 4-Chloroaniline	11.14	127	15403	3.591	ng	98
34) Hexachlorobutadiene	11.30	225	118006	44.836	ng	96
35) Caprolactam	11.92	113	24584	19.369	ng	97
36) 4-Chloro-3-methylphenol	12.24	107	202037	49.818	ng	99
37) 2-Methylnaphthalene	12.63	142	339764	46.976	ng	96
38) 1-Methylnaphthalene	12.85	142	329364	46.589	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	218155	43.931	ng	99

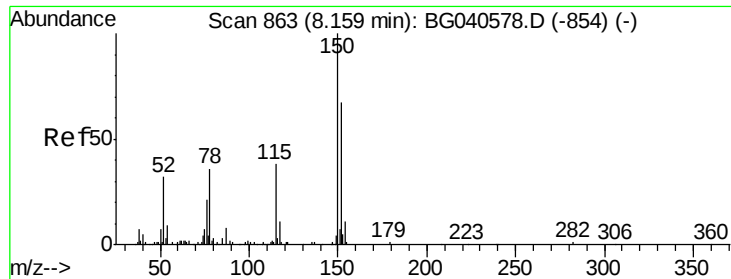
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042419\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	285535	97.443	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	148683	49.546	ng	97
44) 2,4,5-Trichlorophenol	13.29	196	159040	48.650	ng	97
46) 1,1'-Biphenyl	13.63	154	470755	45.484	ng	97
47) 2-Chloronaphthalene	13.67	162	369692	45.643	ng	99
48) 2-Nitroaniline	13.87	65	151489	52.542	ng	99
49) Acenaphthylene	14.52	152	607577	44.213	ng	99
50) Dimethylphthalate	14.24	163	526383	47.195	ng	99
51) 2,6-Dinitrotoluene	14.36	165	109984	50.526	ng	98
52) Acenaphthene	14.86	154	377813	47.210	ng	96
53) 3-Nitroaniline	14.69	138	37124	16.645	ng	96
54) 2,4-Dinitrophenol	14.89	184	39010	36.004	ng	# 85
55) Dibenzofuran	15.18	168	607584	46.352	ng	97
56) 4-Nitrophenol	14.98	139	169084	87.429	ng	94
57) 2,4-Dinitrotoluene	15.14	165	156104	52.775	ng	96
58) Fluorene	15.83	166	493100	46.542	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	169604	51.546	ng	100
60) Diethylphthalate	15.59	149	568340	48.297	ng	99
61) 4-Chlorophenyl-phenylether	15.82	204	289318	46.952	ng	98
62) 4-Nitroaniline	15.86	138	118864	47.642	ng	96
63) Azobenzene	16.11	77	575249	47.467	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	39899	26.913	ng	95
66) n-Nitrosodiphenylamine	16.04	169	464307	45.316	ng	99
67) 4-Bromophenyl-phenylether	16.72	248	190939	44.008	ng	97
68) Hexachlorobenzene	16.82	284	198271	44.195	ng	98
69) Atrazine	16.98	200	204837	50.459	ng	99
70) Pentachlorophenol	17.17	266	192526	73.336	ng	97
71) Phenanthrene	17.58	178	860142	45.855	ng	99
72) Anthracene	17.66	178	884562	46.914	ng	99
73) Carbazole	17.93	167	810424	47.177	ng	100
74) Di-n-butylphthalate	18.48	149	995814	48.028	ng	99
75) Fluoranthene	19.58	202	1127986	48.255	ng	99
77) Benzidine	19.76	184	89278	9.353	ng	99
78) Pyrene	19.94	202	1143303	52.323	ng	99
80) Butylbenzylphthalate	20.81	149	448548	52.669	ng	98
81) Benzo(a)anthracene	21.81	228	1079776	49.005	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	135523	17.256	ng	97
83) Chrysene	21.87	228	1069417	51.034	ng	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	623921	50.752	ng	97
85) Di-n-octyl phthalate	22.96	149	1087897	52.545	ng	97
86) Indeno(1,2,3-cd)pyrene	29.09	276	1308005	51.628	ng	# 92
88) Benzo(b)fluoranthene	24.12	252	1122502	48.197	ng	98
89) Benzo(k)fluoranthene	24.19	252	1064867	48.959	ng	99
90) Benzo(a)pyrene	25.04	252	1093078	49.583	ng	99
91) Dibenzo(a,h)anthracene	29.16	278	1079821	48.402	ng	99
92) Benzo(g,h,i)perylene	30.32	276	1072665	48.311	ng	99

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

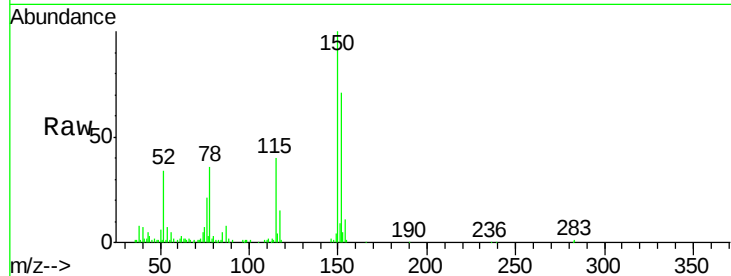


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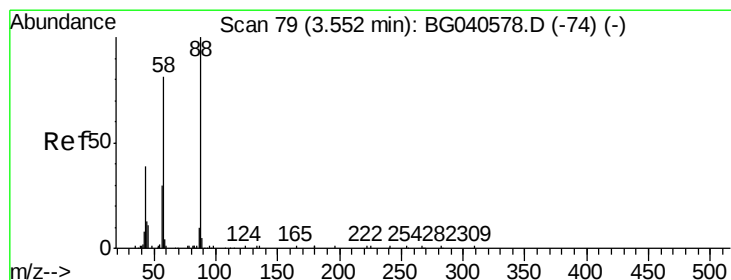
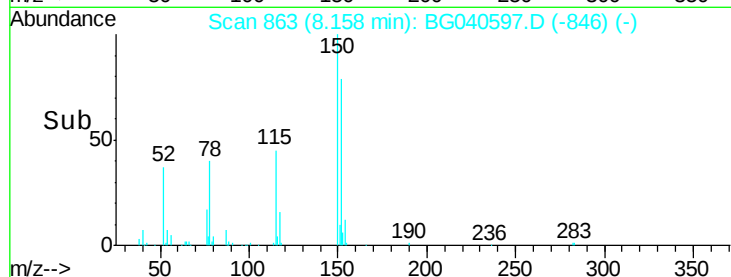
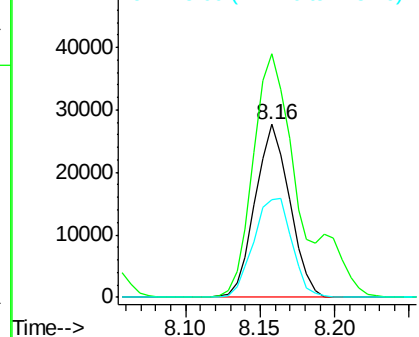
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG040597.D
Acq: 24 Apr 2019 17:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 44380
Ion Ratio Lower Upper
152 100
150 141.1 120.2 180.2
115 56.9 46.2 69.2



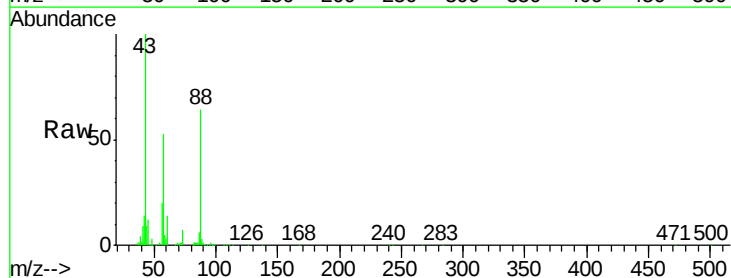
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



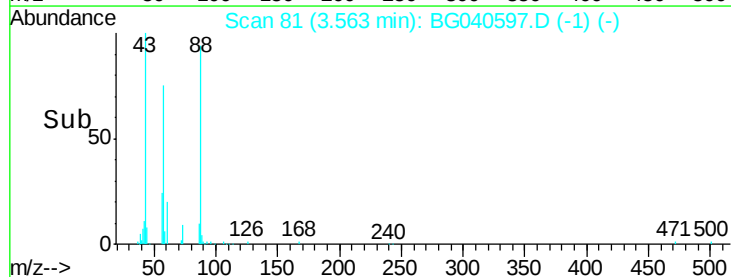
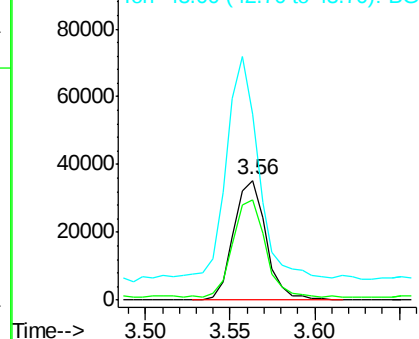
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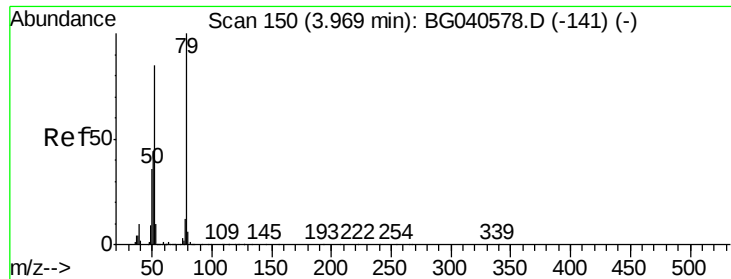
1,4-Dioxane
Concen: 41.211 ng
RT: 3.56 min Scan# 81
Delta R.T. 0.01 min
Lab File: BG040597.D
Acq: 24 Apr 2019 17:17

Tgt Ion: 88 Resp: 47186
Ion Ratio Lower Upper
88 100
58 82.9 71.2 106.8
43 199.3 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: 34.287 ng

RT: 3.97 min Scan# 151

Delta R.T. 0.01 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampleId :

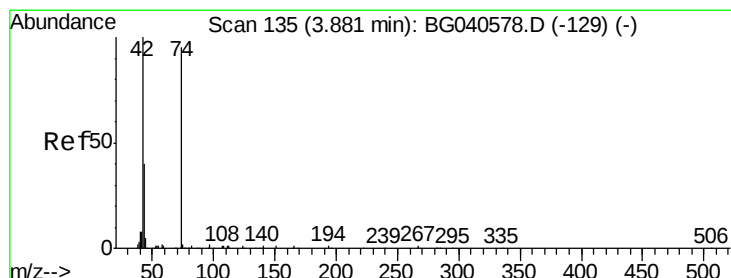
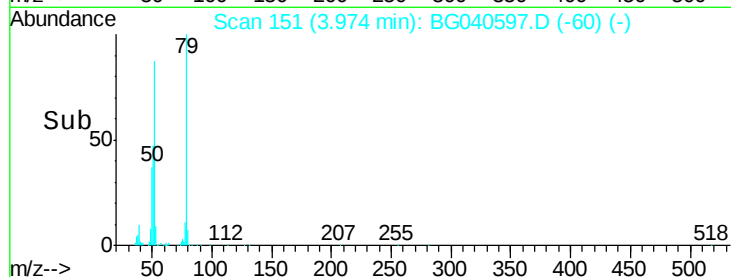
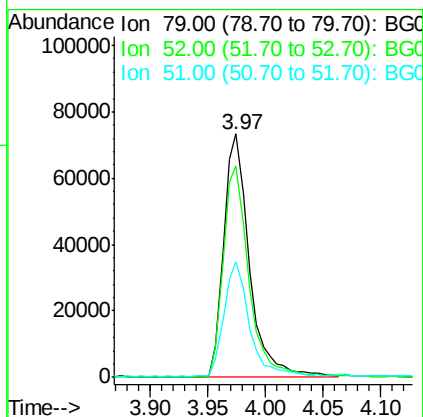
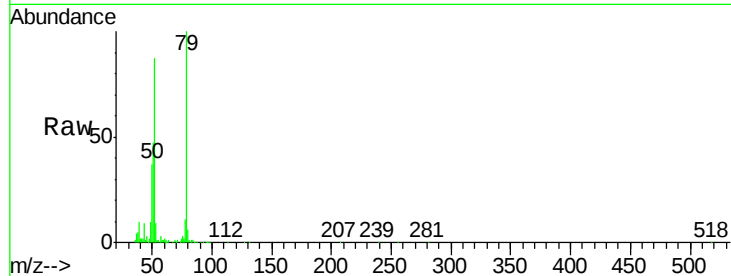
Tot Ion: 79 Resp: 113789

Ion Ratio Lower Upper

79 100

52 87.0 67.5 101.3

51 47.4 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 43.067 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

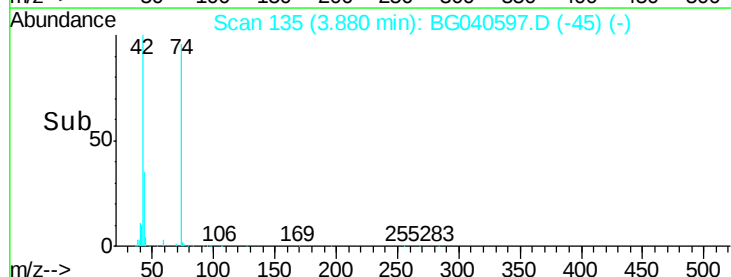
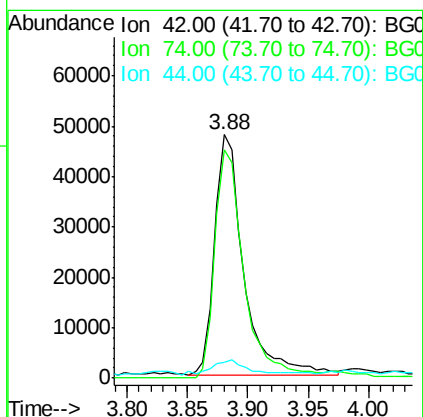
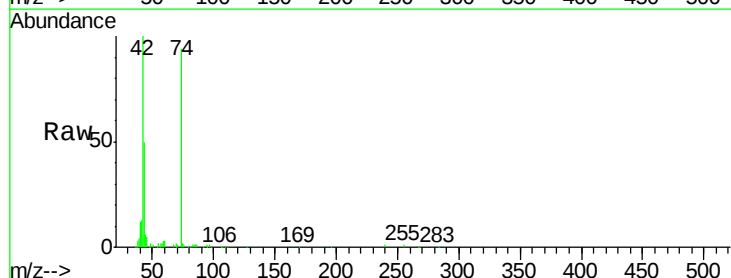
Tgt Ion: 42 Resp: 79277

Ion Ratio Lower Upper

42 100

74 93.6 74.6 111.8

44 6.4 7.4 11.0#





#5

2-Fluorophenol

Concen: 134.666 ng

RT: 5.69 min Scan# 443

Delta R.T. 0.01 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampled :

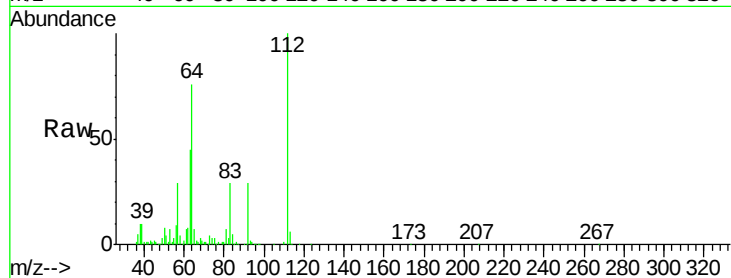
Tot Ion:112 Resp: 339040

Ion Ratio Lower Upper

112 100

64 76.2 61.4 92.0

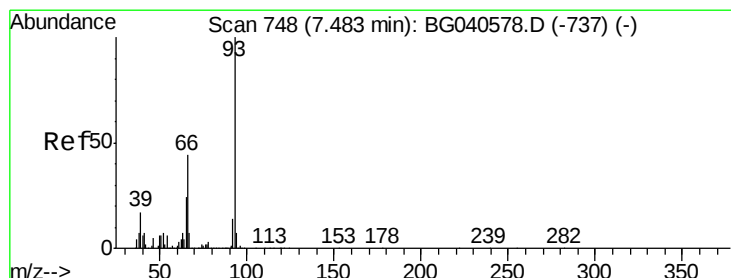
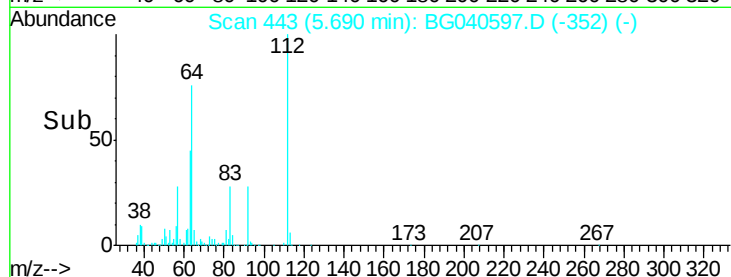
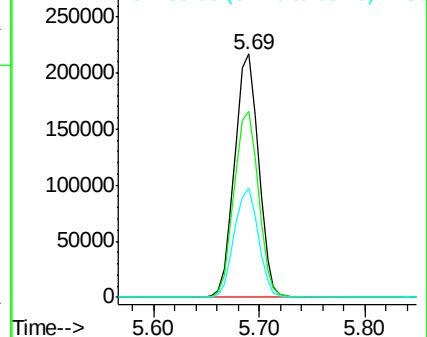
63 44.9 37.8 56.6



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



#6

Aniline

Concen: 17.675 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

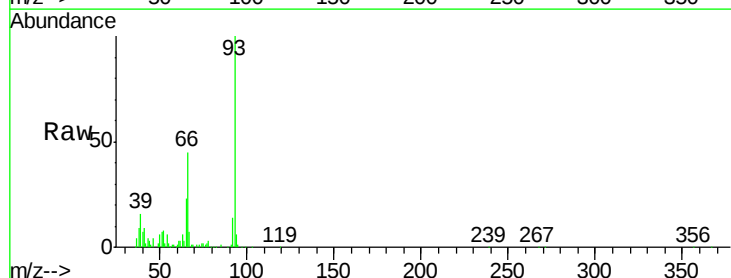
Tgt Ion: 93 Resp: 90817

Ion Ratio Lower Upper

93 100

66 44.6 35.5 53.3

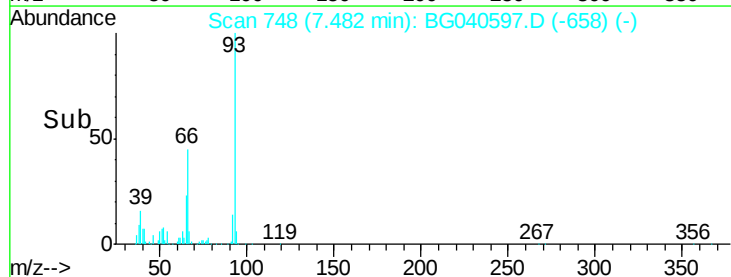
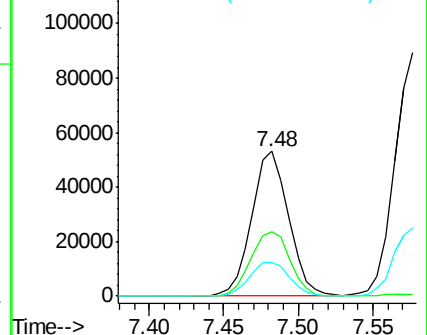
65 23.4 19.2 28.8



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

Phenol-d6

Concen: 121.806 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampleId :

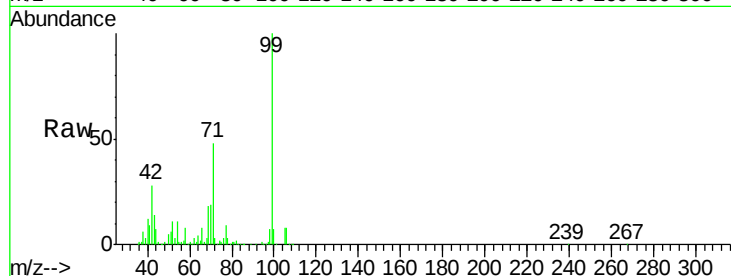
Tot Ion: 99 Resp: 472176

Ion Ratio Lower Upper

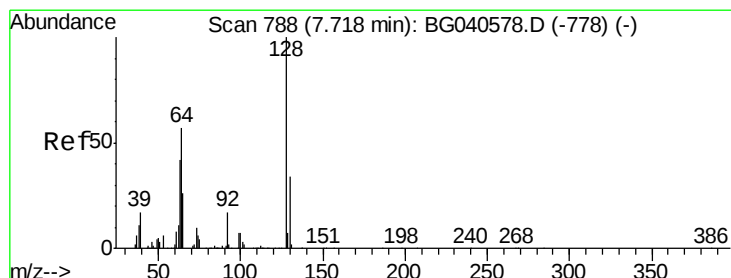
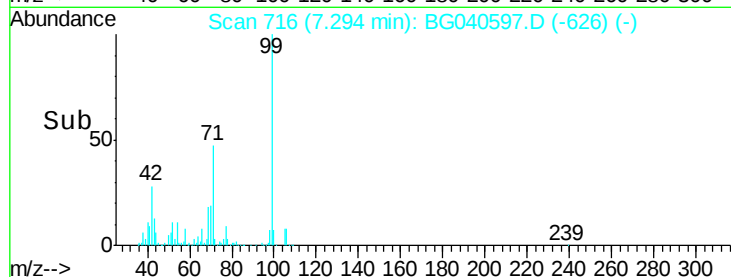
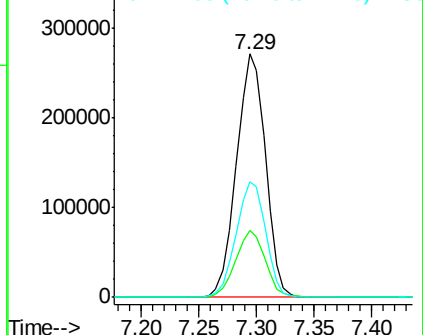
99 100

42 27.7 21.8 32.8

71 47.6 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: 45.399 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

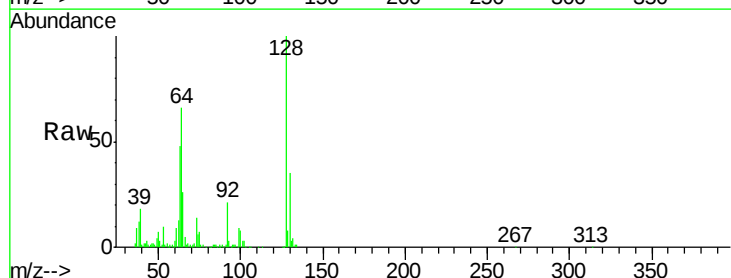
Tgt Ion: 128 Resp: 139563

Ion Ratio Lower Upper

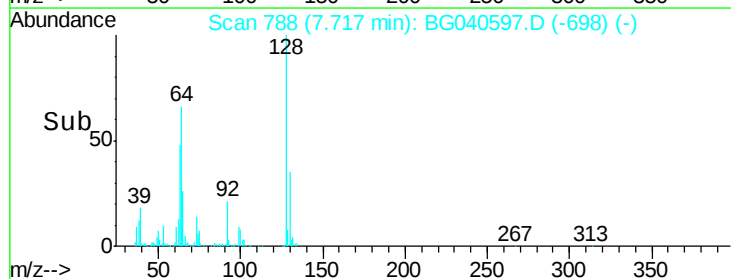
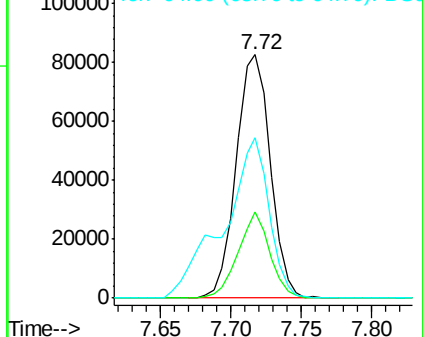
128 100

130 35.5 14.5 54.5

64 66.0 38.4 78.4



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





#9

Benzaldehyde

Concen: 14.378 ng

RT: 7.29 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampleId :

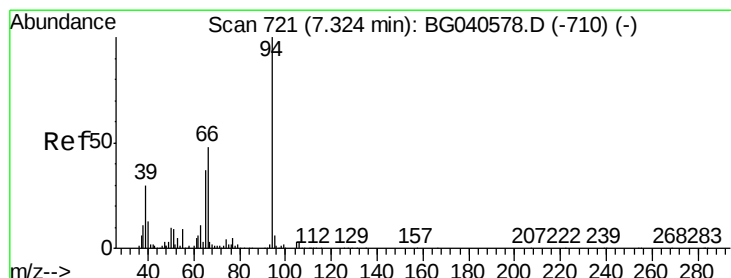
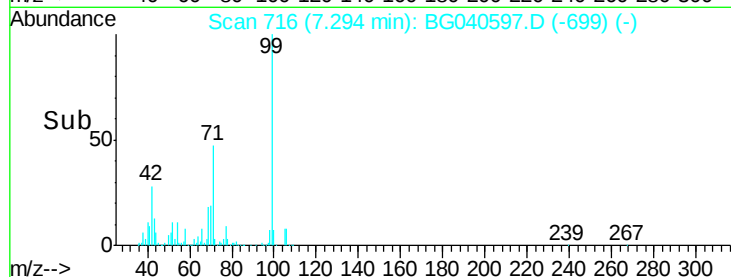
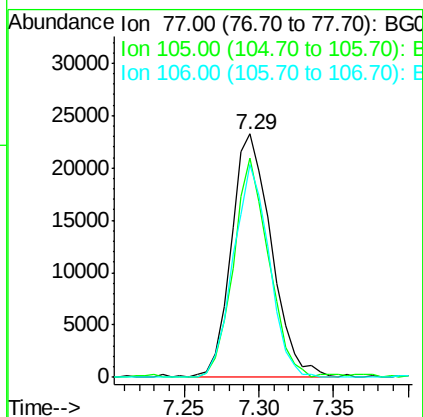
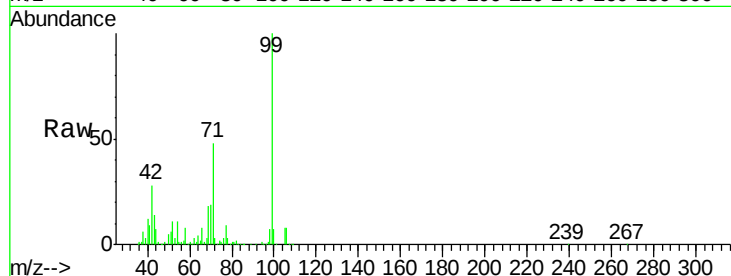
Tot Ion: 77 Resp: 43411

Ion Ratio Lower Upper

77 100

105 89.8 72.0 112.0

106 87.7 61.2 101.2



#10

Phenol

Concen: 40.889 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

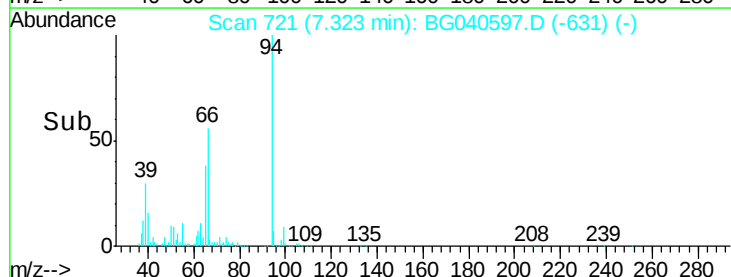
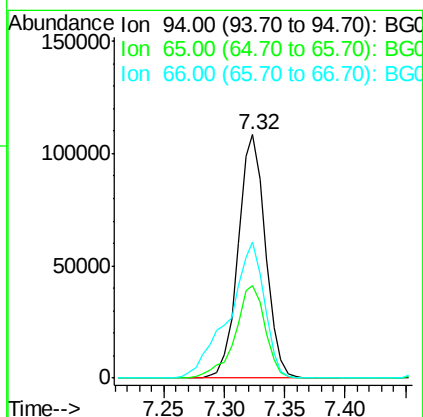
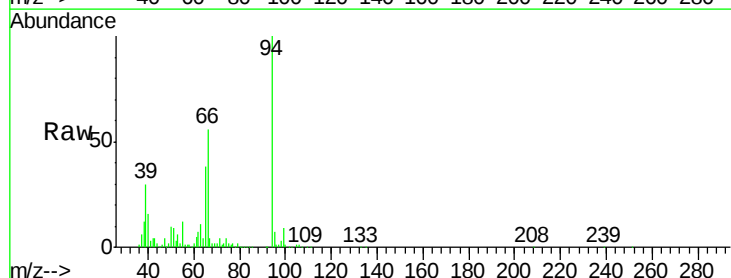
Tgt Ion: 94 Resp: 170383

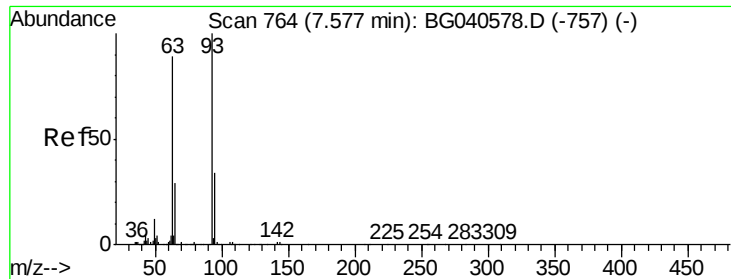
Ion Ratio Lower Upper

94 100

65 38.0 17.0 57.0

66 55.8 28.6 68.6

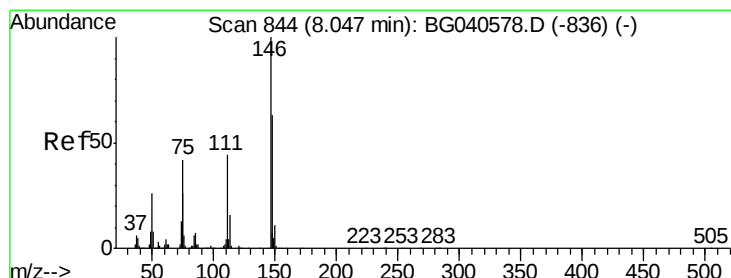
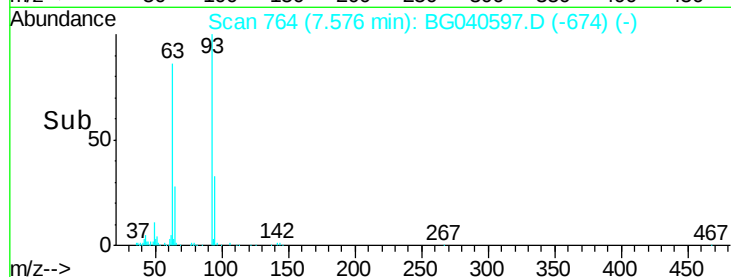
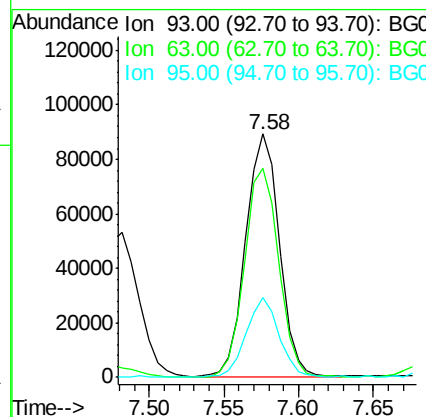
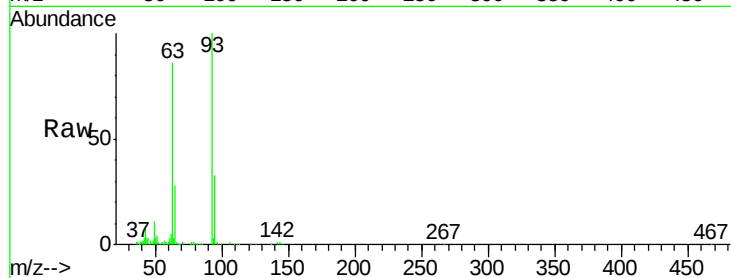




#11
bis(2-Chloroethyl)ether
Concen: 44.520 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.00 min
Lab File: BG040597.D
Acq: 24 Apr 2019 17:17

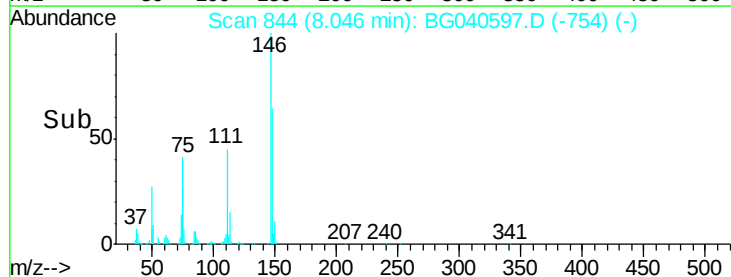
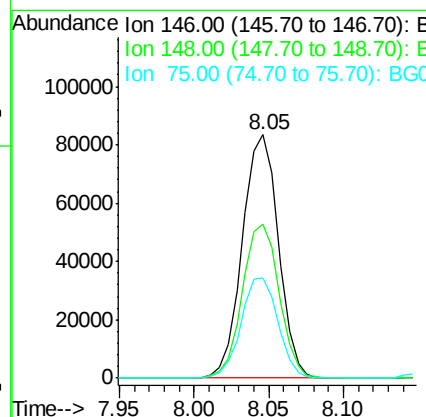
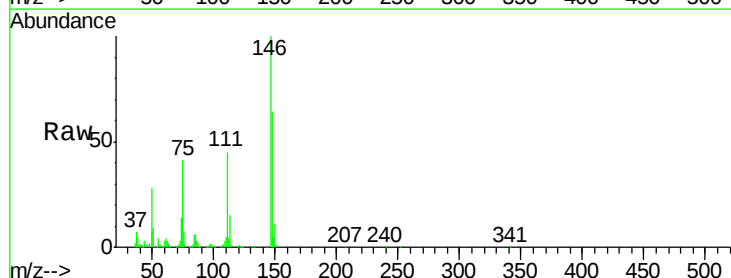
Instrument :
BNA_G
ClientSampleId :

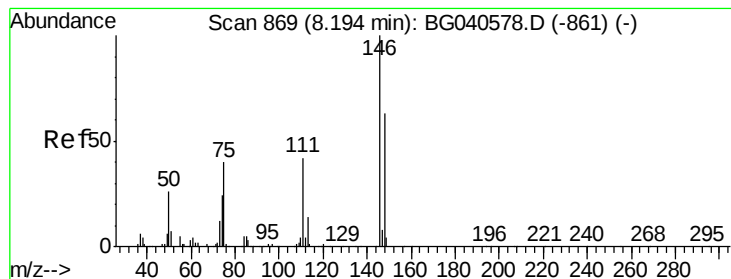
Tot Ion: 93 Resp: 139113
Ion Ratio Lower Upper
93 100
63 86.1 68.2 108.2
95 32.8 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 41.626 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG040597.D
Acq: 24 Apr 2019 17:17

Tgt Ion: 146 Resp: 139670
Ion Ratio Lower Upper
146 100
148 63.5 50.7 76.1
75 41.3 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 42.018 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampled :

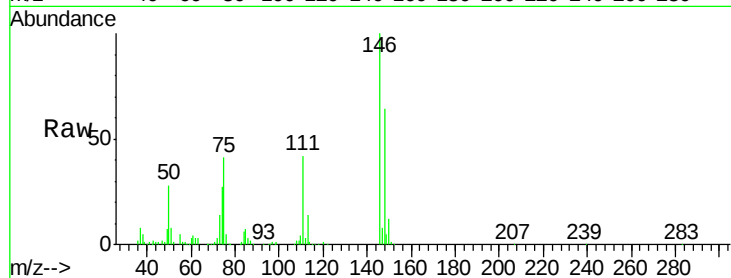
Tot Ion:146 Resp: 142921

Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

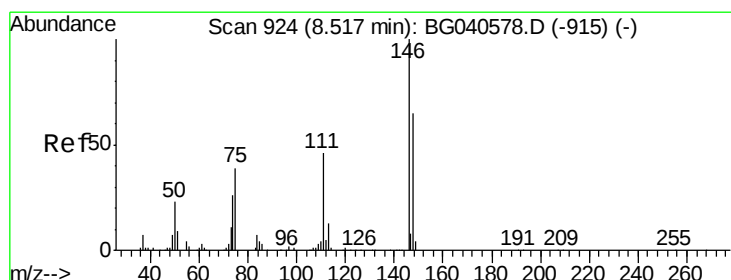
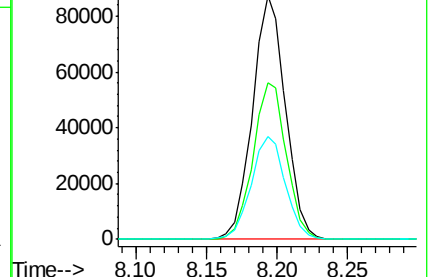
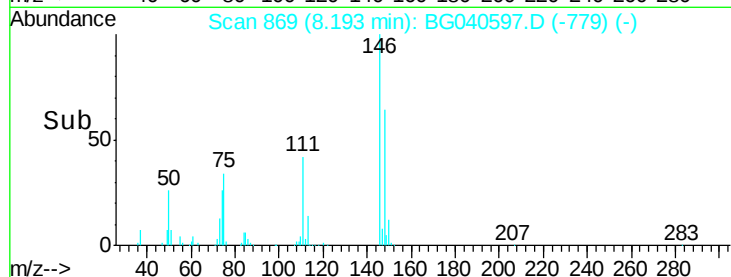
111 42.1 34.3 51.5



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: 41.879 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

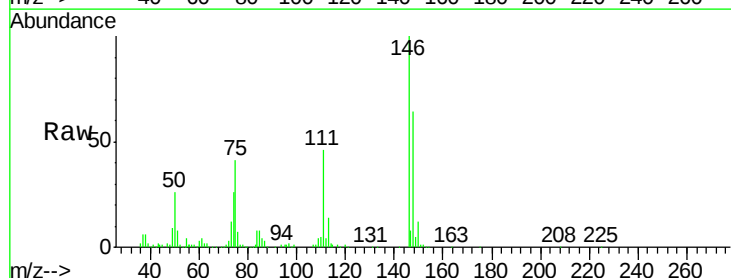
Tgt Ion:146 Resp: 137376

Ion Ratio Lower Upper

146 100

148 63.5 52.2 78.4

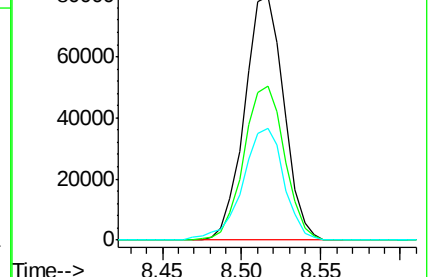
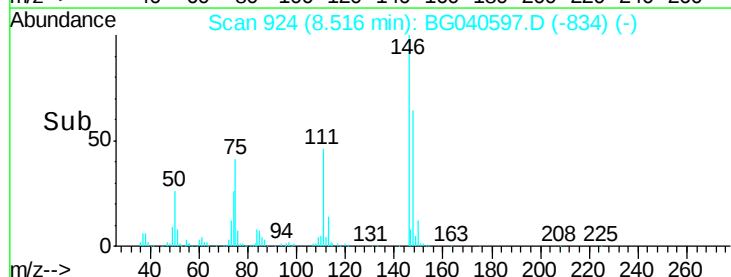
111 45.8 37.4 56.0

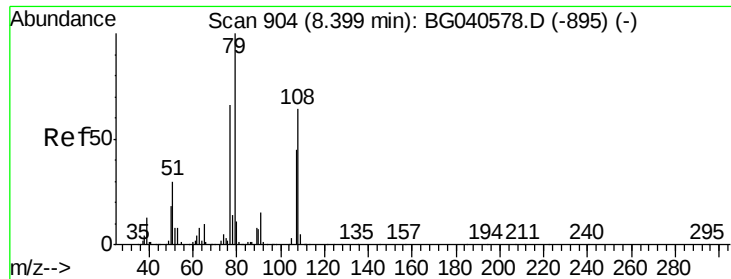


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.502 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampled :

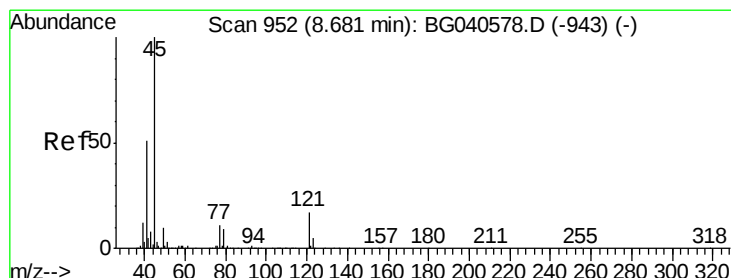
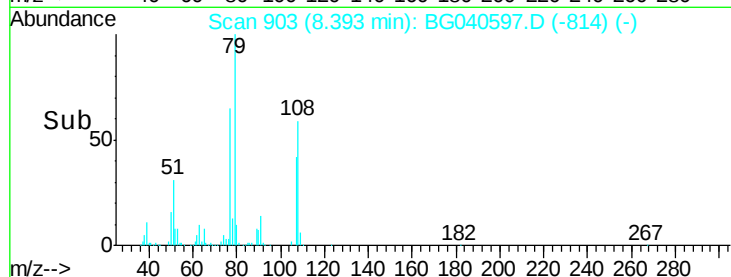
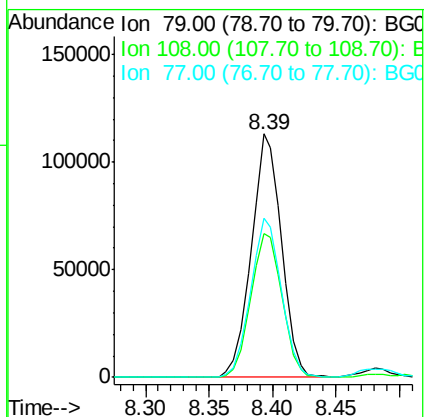
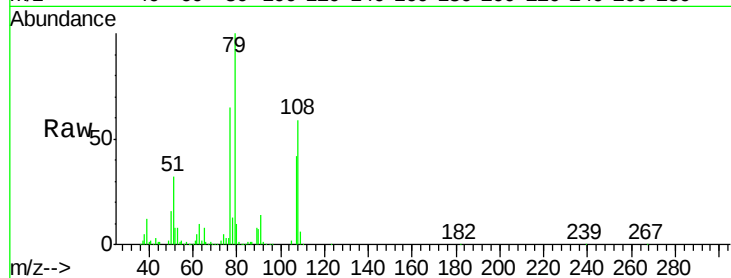
Tot Ion: 79 Resp: 187565

Ion Ratio Lower Upper

79 100

108 59.1 51.4 77.0

77 65.4 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.840 ng

RT: 8.68 min Scan# 952

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

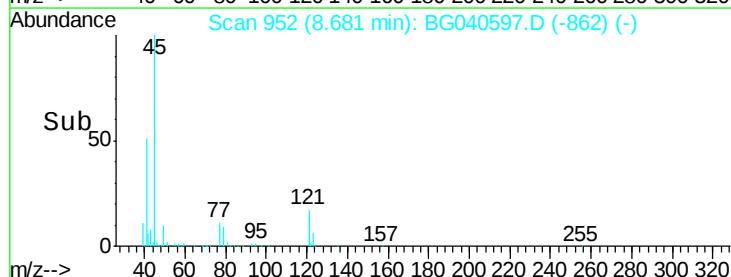
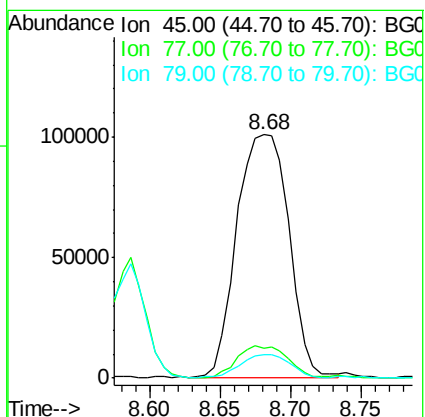
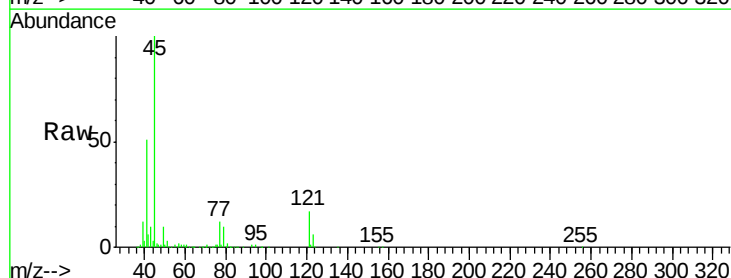
Tgt Ion: 45 Resp: 260296

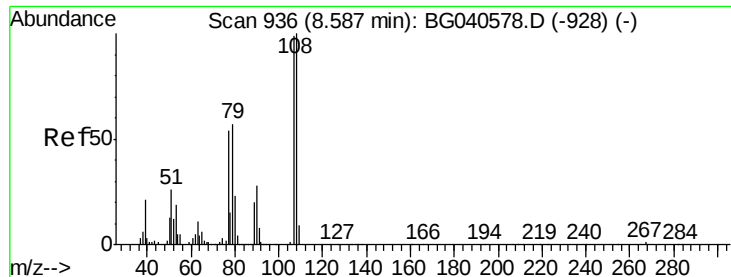
Ion Ratio Lower Upper

45 100

77 12.4 0.0 31.5

79 9.6 0.0 29.4





#17

2-Methylphenol

Concen: 46.474 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 137049

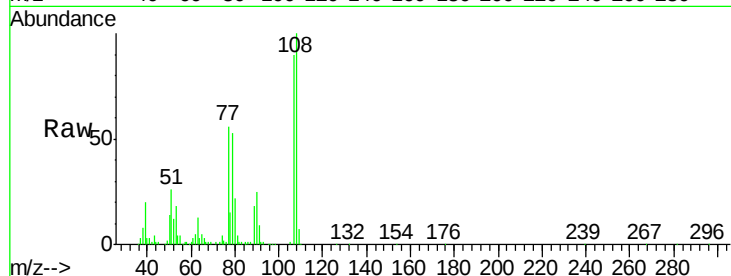
Ion Ratio Lower Upper

107 100

108 111.5 81.2 121.8

77 62.0 44.4 66.6

79 59.2 47.0 70.4

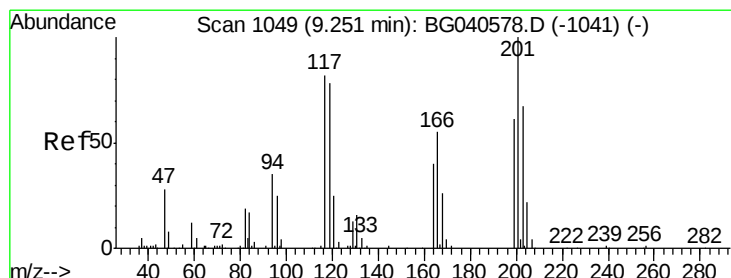
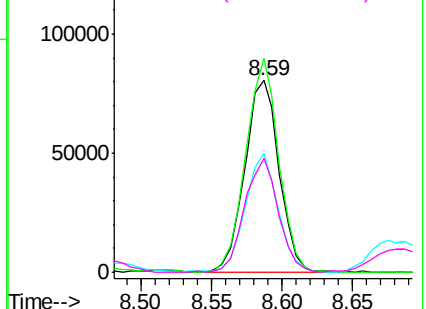
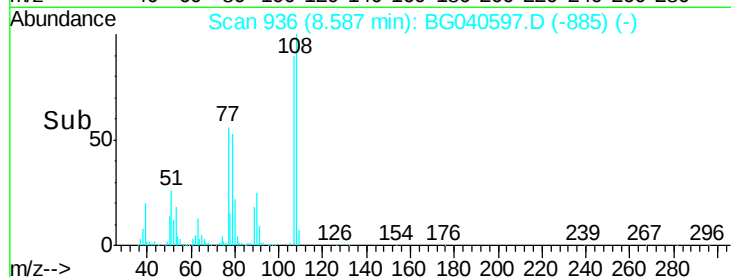


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.855 ng

RT: 9.24 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

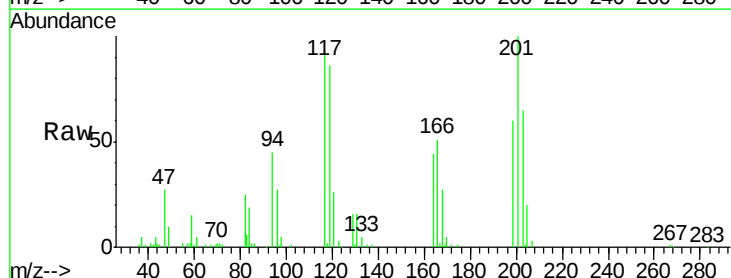
Tgt Ion:117 Resp: 55610

Ion Ratio Lower Upper

117 100

119 92.4 76.6 114.8

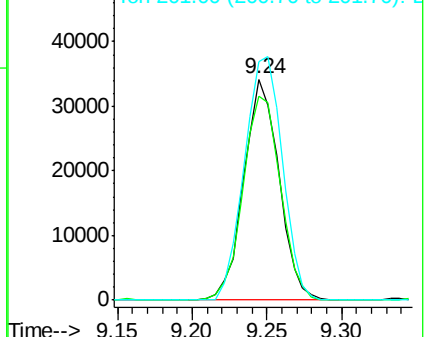
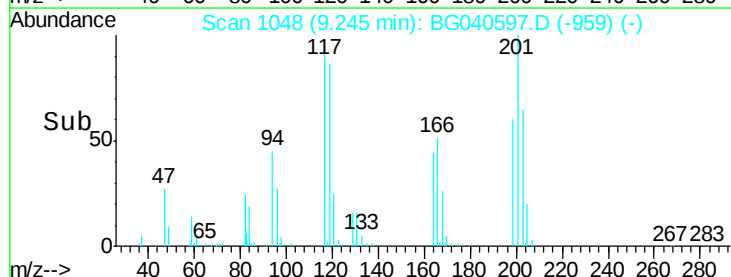
201 107.9 101.0 151.6

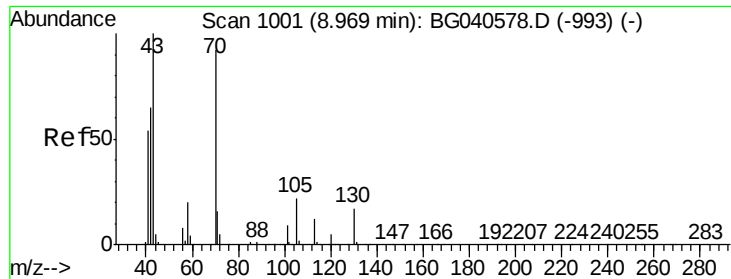


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

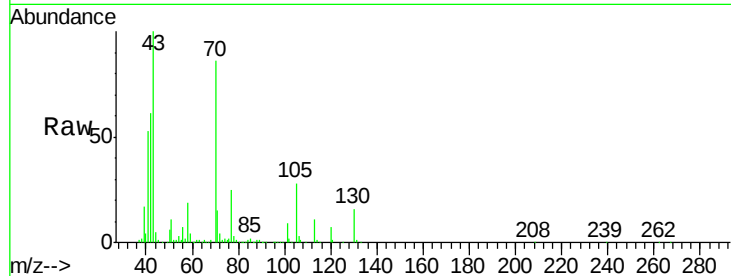




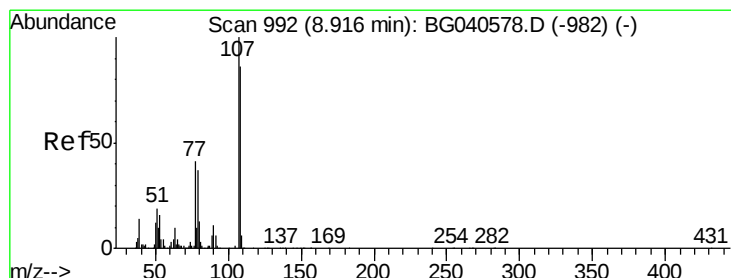
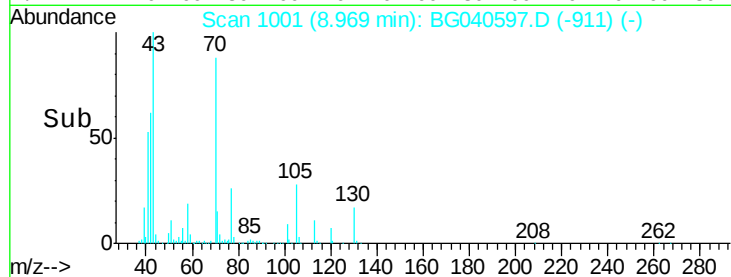
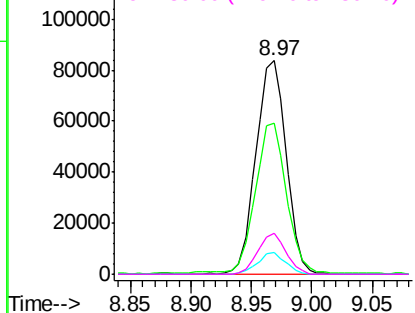
#19
n-Nitroso-di-n-propylamine
Concen: 41.773 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG040597.D
Acq: 24 Apr 2019 17:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	145768
Ion	Ratio	Lower	Upper
70	100		
42	70.7	57.1	85.7
101	10.0	7.8	11.8
130	19.1	14.6	21.8

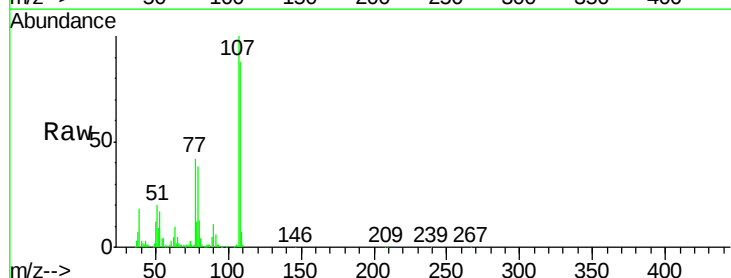


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

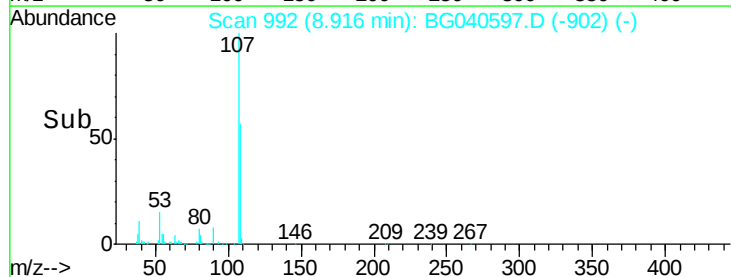
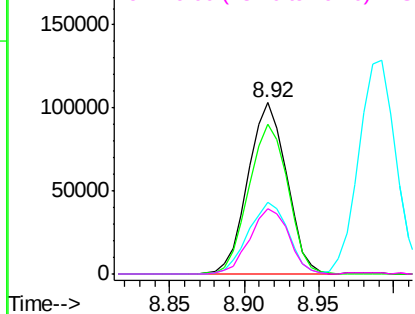


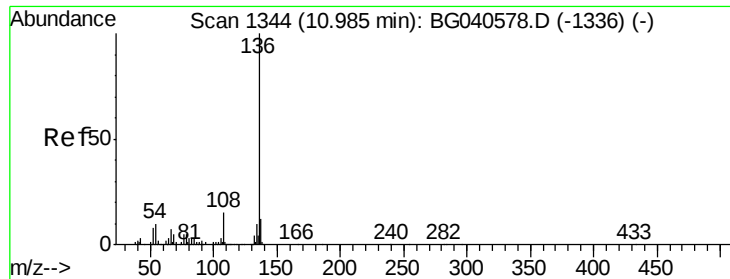
#20
3+4-Methylphenols
Concen: 44.957 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BG040597.D
Acq: 24 Apr 2019 17:17

Tgt Ion:	107	Resp:	184685
Ion	Ratio	Lower	Upper
107	100		
108	87.7	66.1	106.1
77	42.0	21.6	61.6
79	37.8	17.4	57.4



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 182083

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.7	14.5
54	11.4	8.6	12.8
68	5.8	4.8	7.2

136 100

137 11.5 9.7 14.5

54 11.4 8.6 12.8

68 5.8 4.8 7.2

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

150000

100000

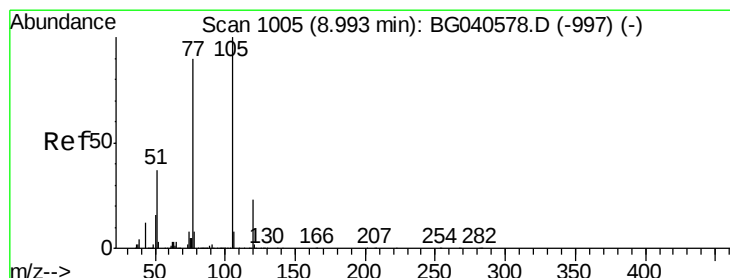
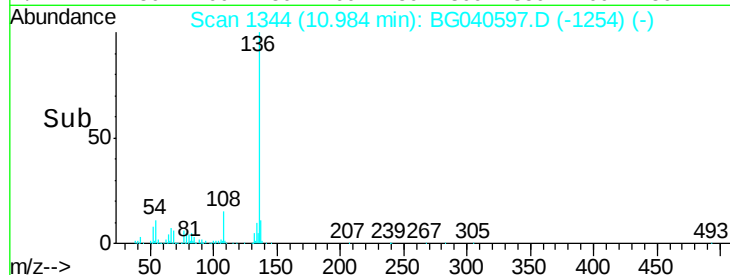
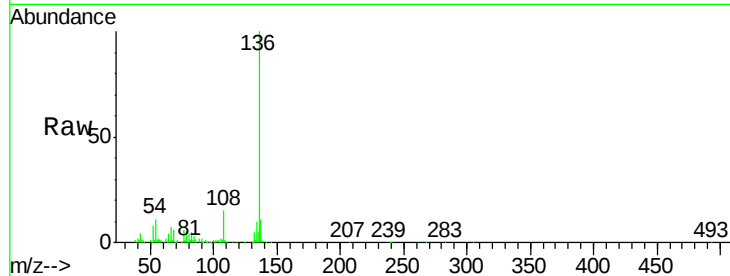
50000

0

10.98

10.90 10.95 11.00 11.05

Time-->



#22

Acetophenone

Concen: 48.060 ng

RT: 8.99 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Tgt Ion:105 Resp: 243341

Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.8	2.8#
51	37.0	29.8	44.8
120	20.4	18.4	27.6

105 100

71 1.0 1.8 2.8#

51 37.0 29.8 44.8

120 20.4 18.4 27.6

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

200000

150000

100000

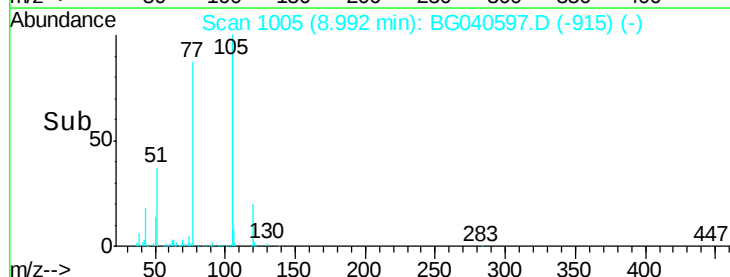
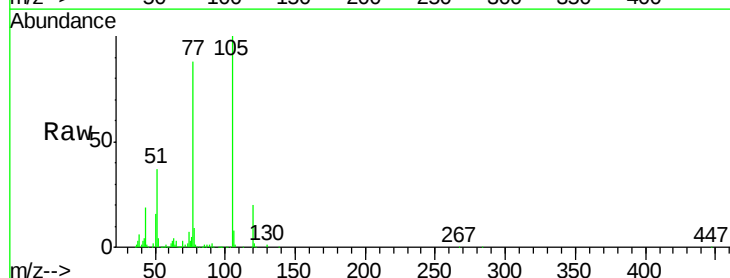
50000

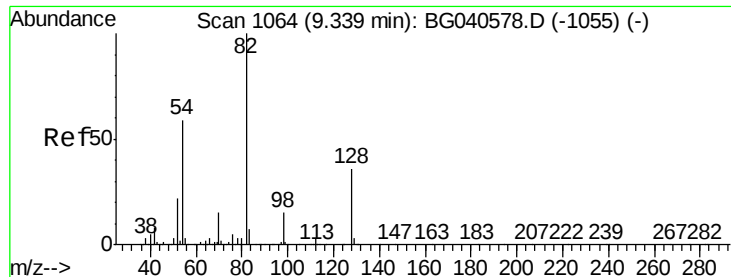
0

8.99

8.90 8.95 9.00 9.05

Time-->

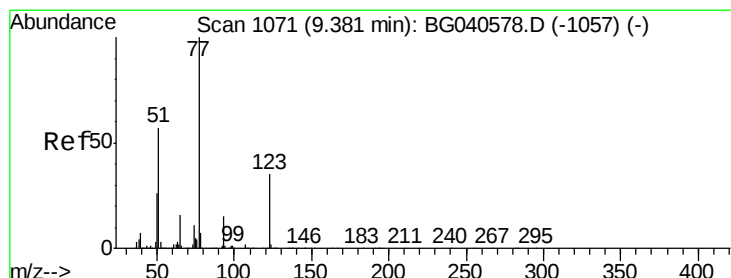
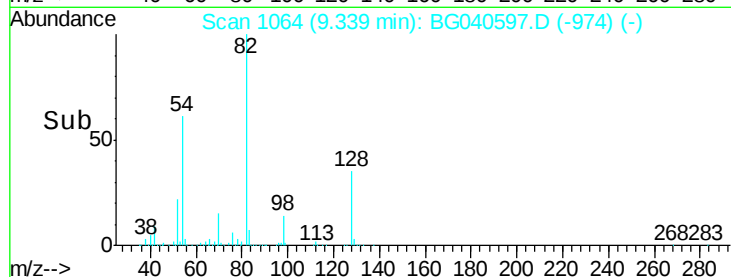
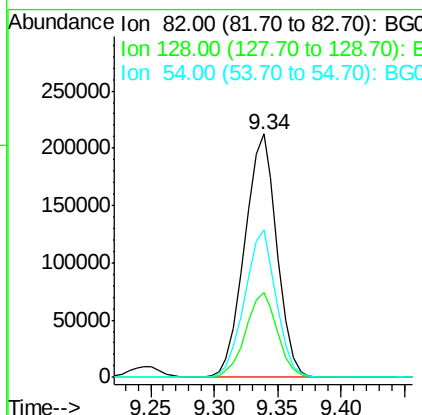
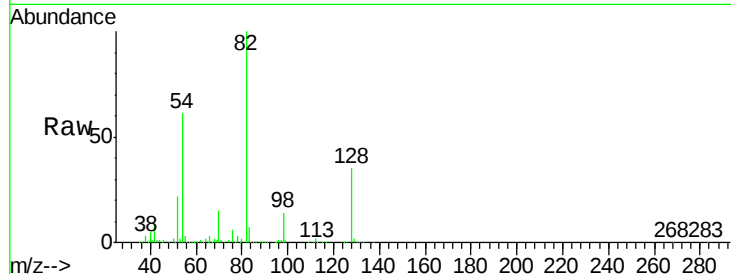




#23
 Nitrobenzene-d5
 Concen: 94.713 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

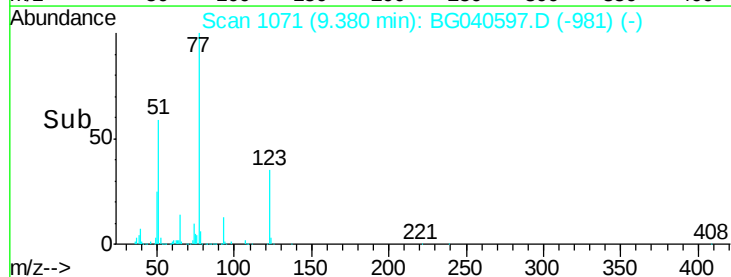
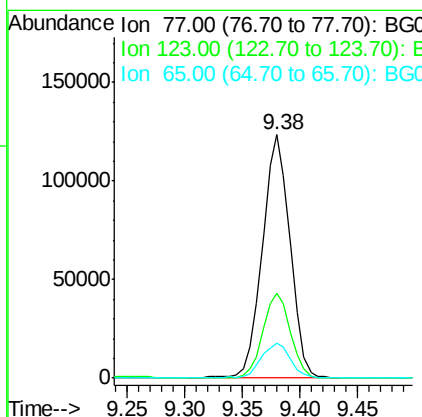
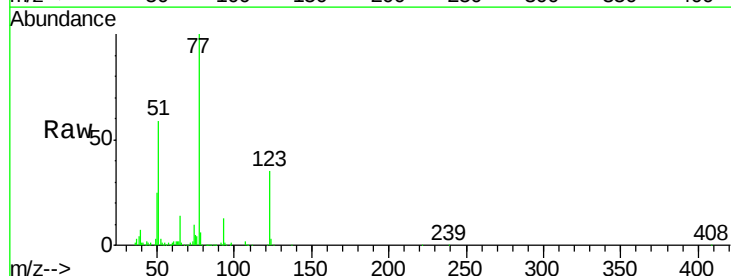
Instrument :
 BNA_G
 ClientSampleId :

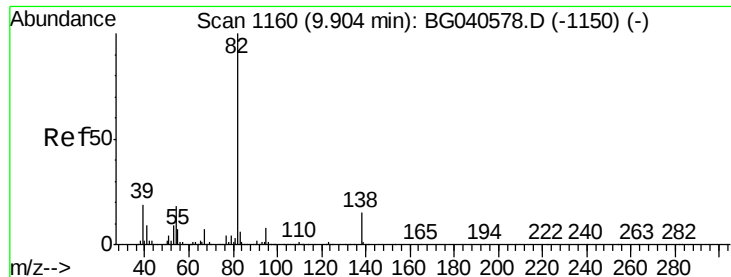
Tot Ion	82	Resp	373230
Ion Ratio	Lower	Upper	
82	100		
128	34.9	28.9	43.3
54	60.7	47.2	70.8



#24
 Nitrobenzene
 Concen: 49.210 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

Tgt Ion	77	Resp	206901
Ion Ratio	Lower	Upper	
77	100		
123	35.1	27.8	41.6
65	14.3	12.4	18.6





#25

Isophorone

Concen: 47.026 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampleId :

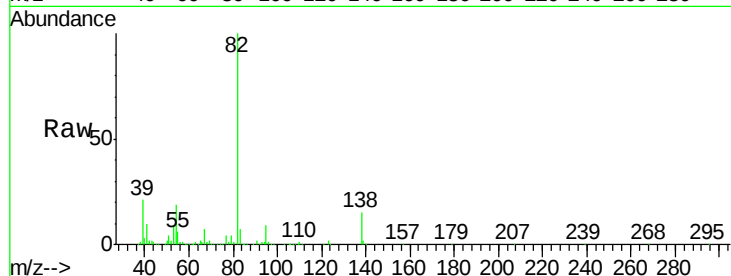
Tot Ion: 82 Resp: 412788

Ion Ratio Lower Upper

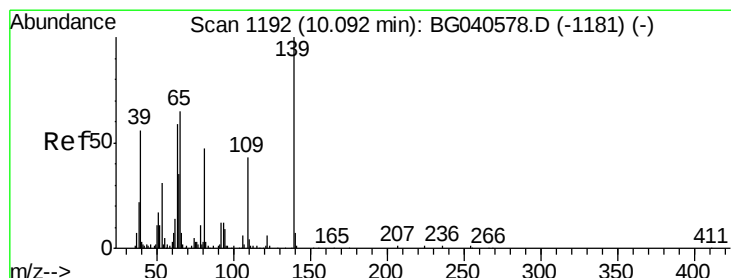
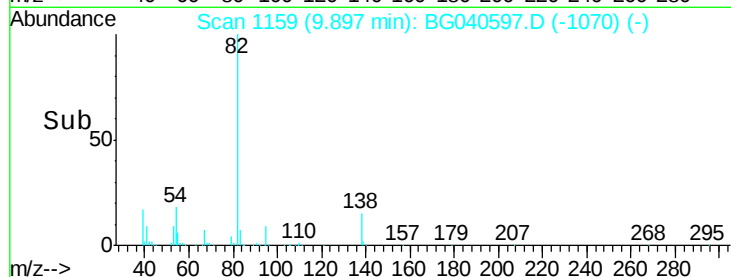
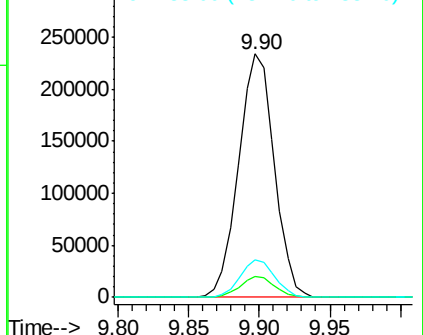
82 100

95 8.7 6.9 10.3

138 15.2 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: 47.921 ng

RT: 10.09 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

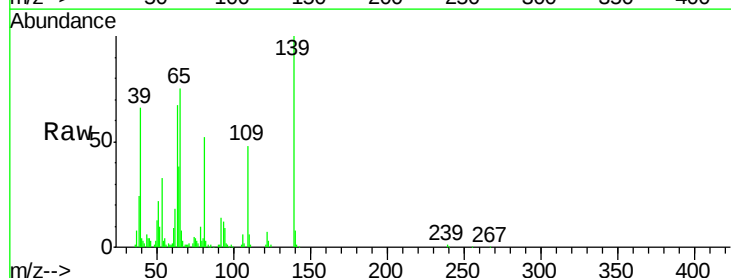
Tgt Ion: 139 Resp: 72223

Ion Ratio Lower Upper

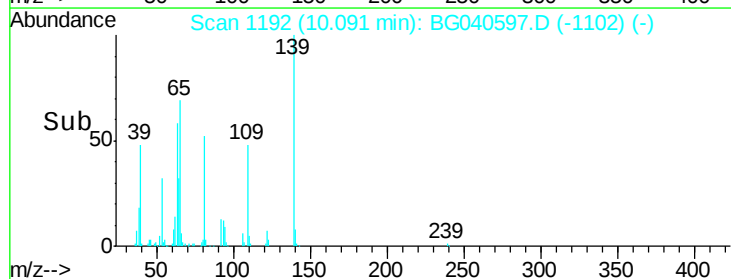
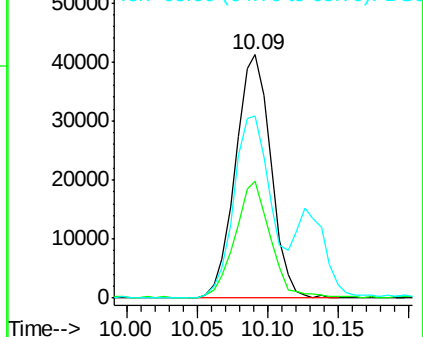
139 100

109 48.2 35.6 53.4

65 75.1 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

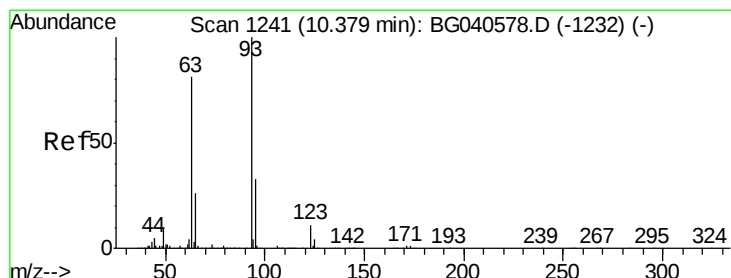
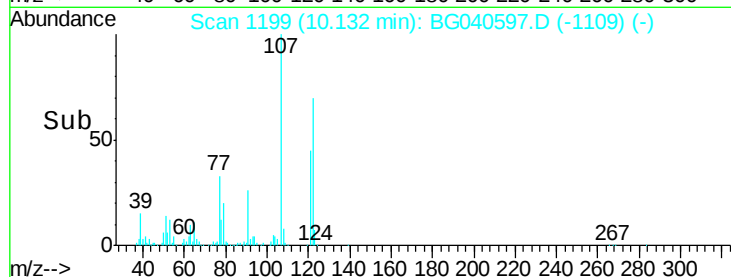
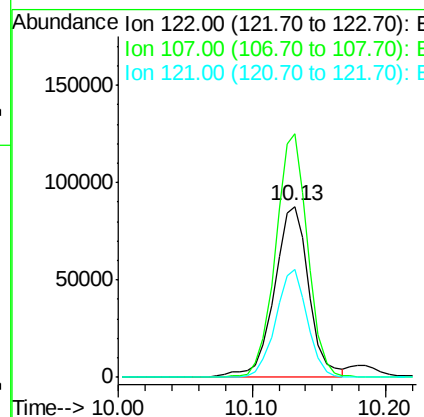
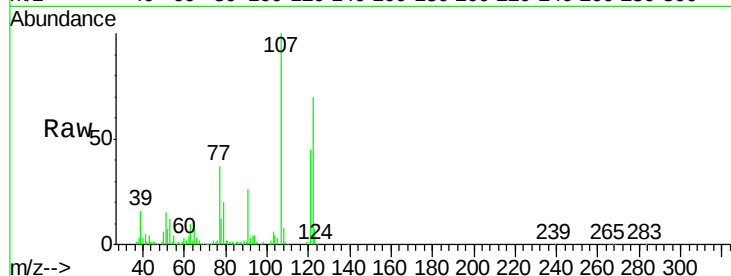




#27
 2,4-Dimethylphenol
 Concen: 56.217 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

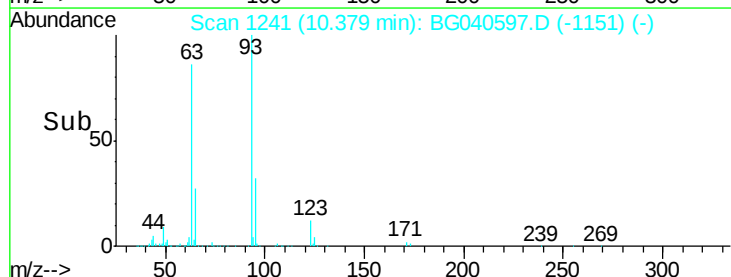
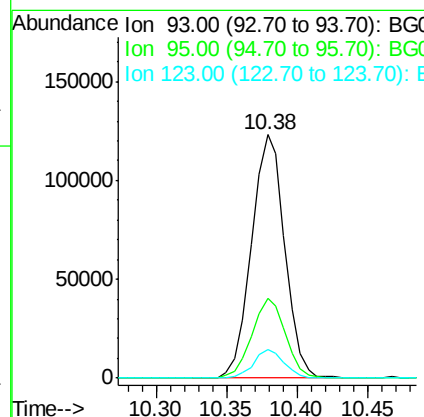
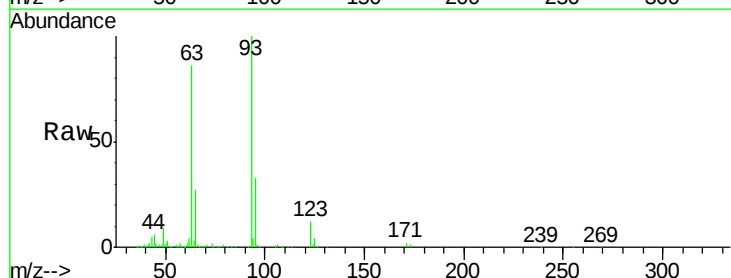
Instrument :
 BNA_G
 ClientSampleId :

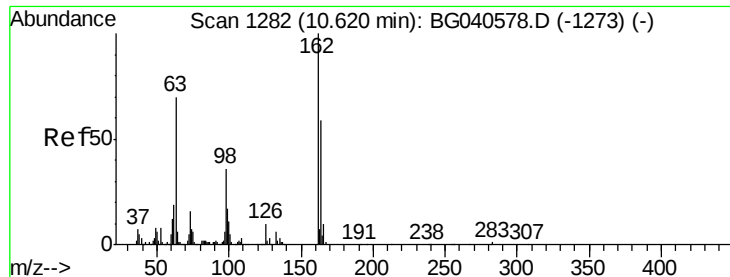
Tot Ion	Ratio	Lower	Upper
122	100		
107	142.4	110.1	165.1
121	63.4	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.083 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.6	40.0
123	11.6	9.0	13.4

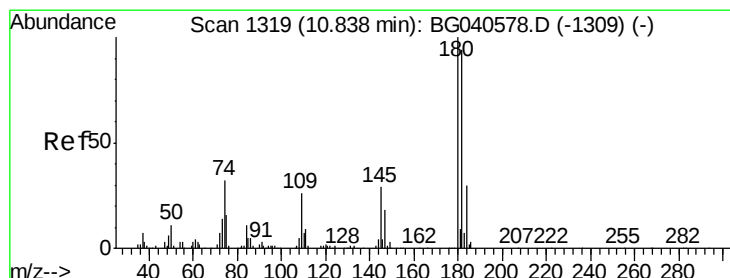
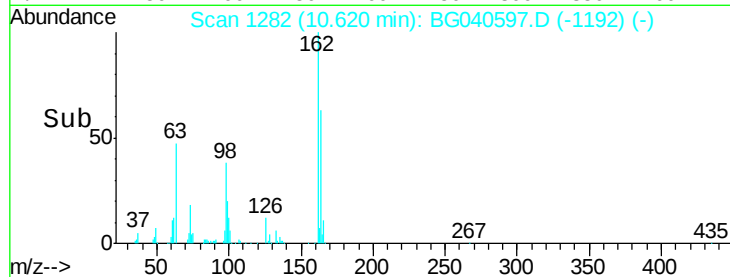
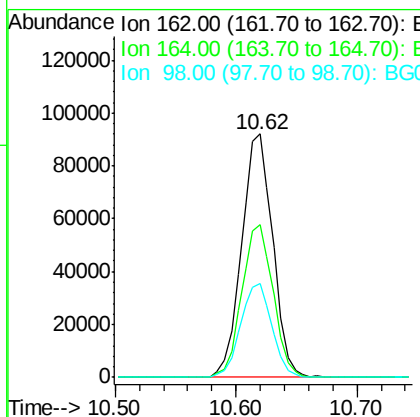
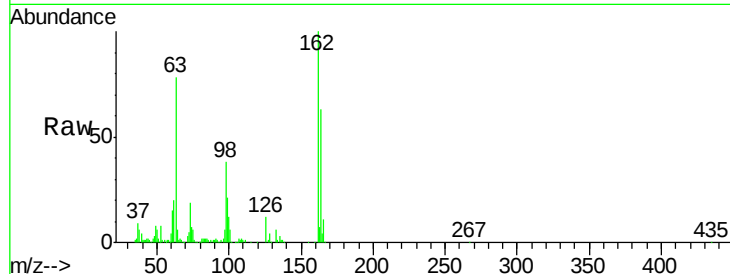




#29
 2,4-Dichlorophenol
 Concen: 51.395 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

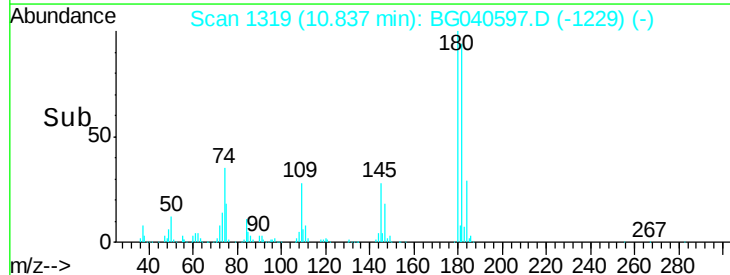
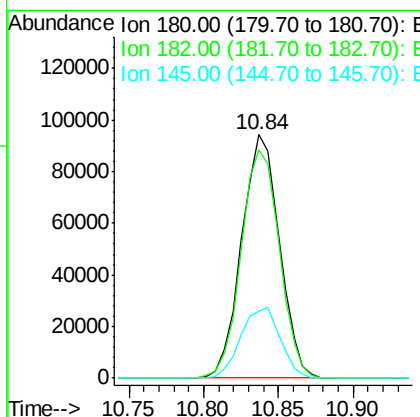
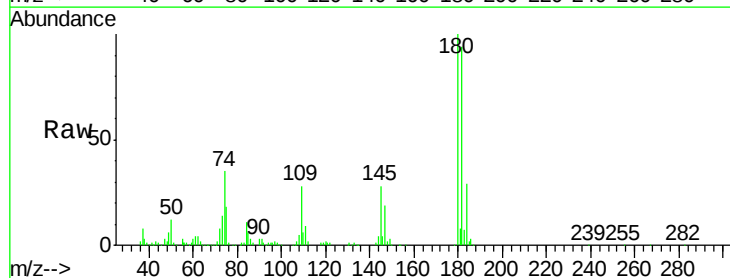
Instrument :
 BNA_G
 ClientSampleId :

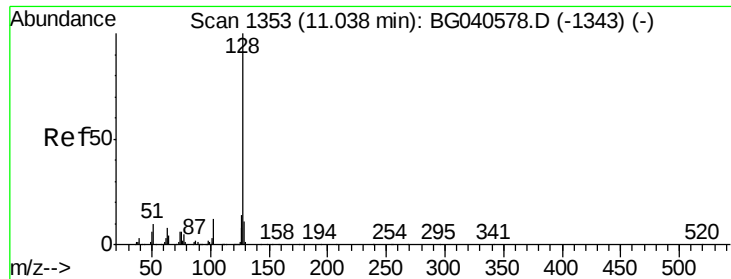
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	38.9	78.9
98	38.3	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 46.297 ng
 RT: 10.84 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.2	112.8
145	27.8	23.6	35.4

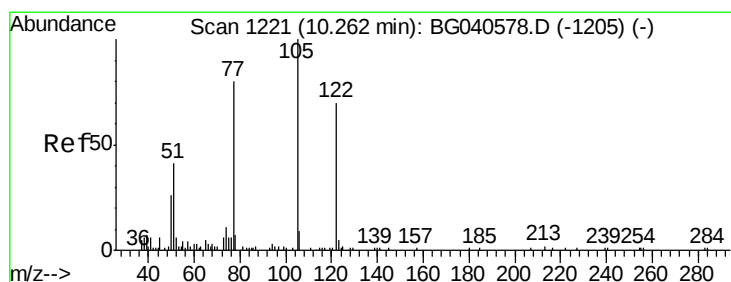
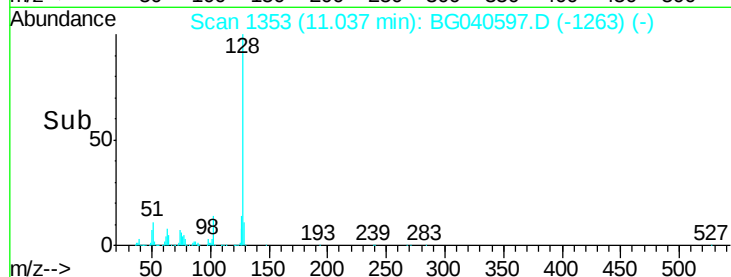
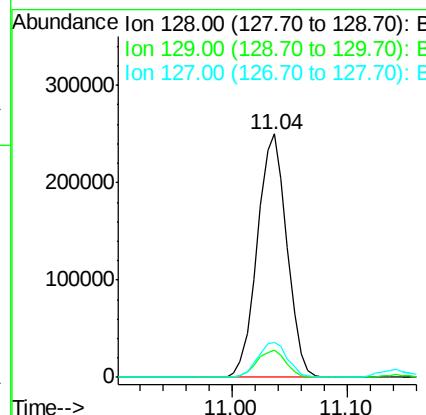
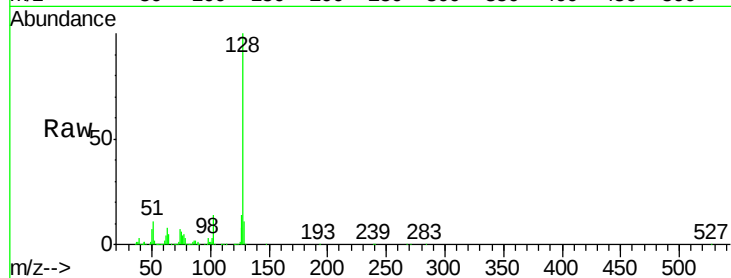




#31
Naphthalene
Concen: 46.012 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG040597.D
Acq: 24 Apr 2019 17:17

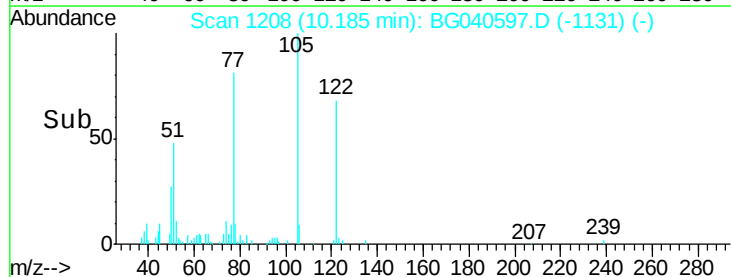
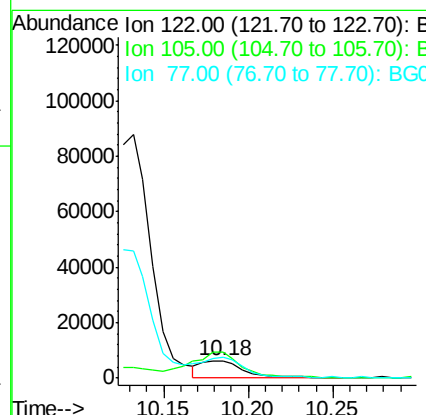
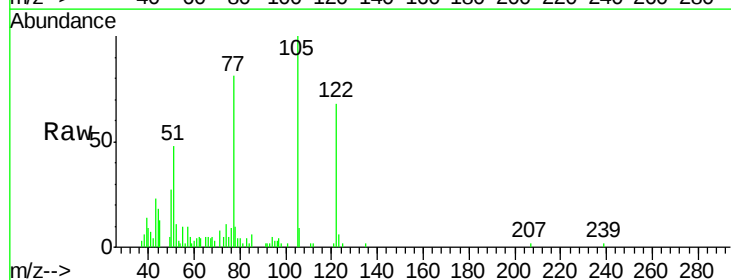
Instrument :
BNA_G
ClientSampleId :

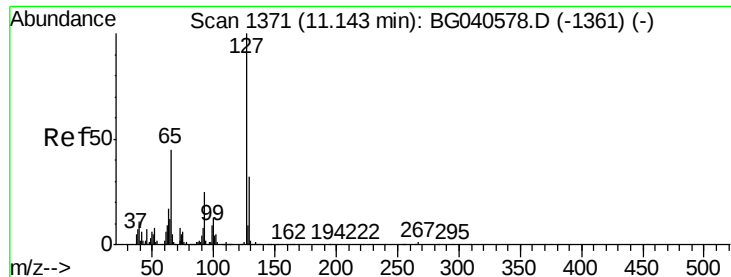
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	14.2	11.3	16.9



#32
Benzoic acid
Concen: 5.559 ng
RT: 10.18 min Scan# 1208
Delta R.T. -0.08 min
Lab File: BG040597.D
Acq: 24 Apr 2019 17:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	146.2	110.9	150.9
77	117.8	87.6	127.6

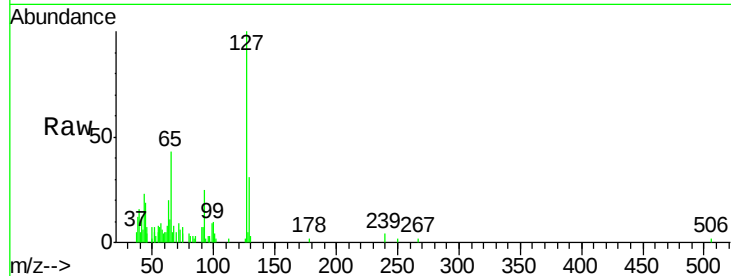




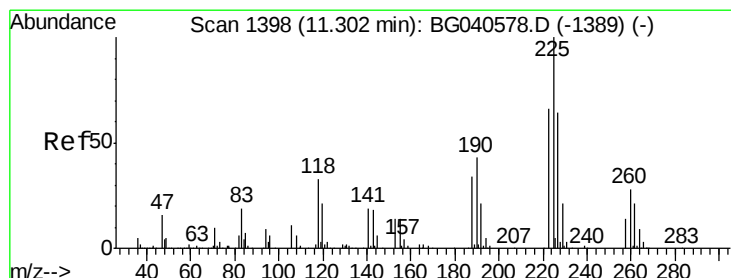
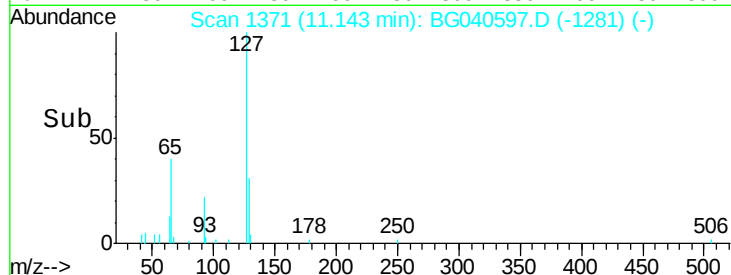
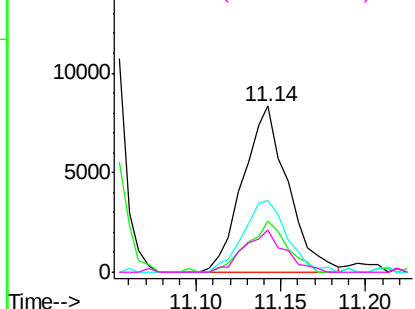
#33
4-Chloroaniline
Concen: 3.591 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG040597.D
Acq: 24 Apr 2019 17:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	15403
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.7	38.5
65	43.1	36.1	54.1
92	25.1	20.1	30.1

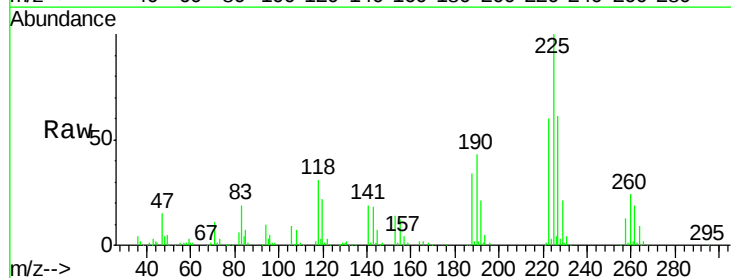


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

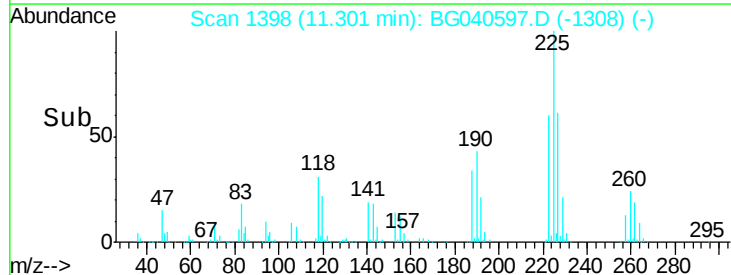
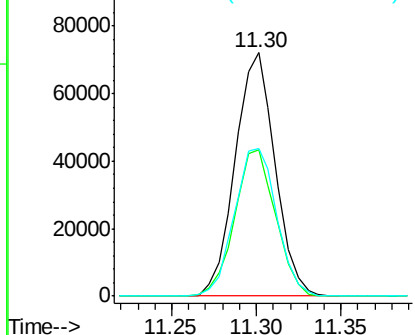


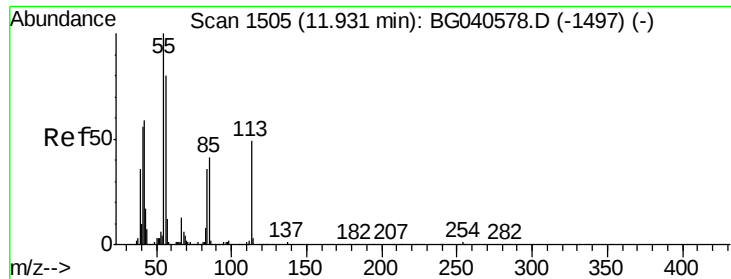
#34
Hexachlorobutadiene
Concen: 44.836 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BG040597.D
Acq: 24 Apr 2019 17:17

Tgt Ion:	225	Resp:	118006
Ion	Ratio	Lower	Upper
225	100		
223	60.3	50.4	75.6
227	60.8	51.0	76.6



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





#35

Caprolactam

Concen: 19.369 ng

RT: 11.92 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampled :

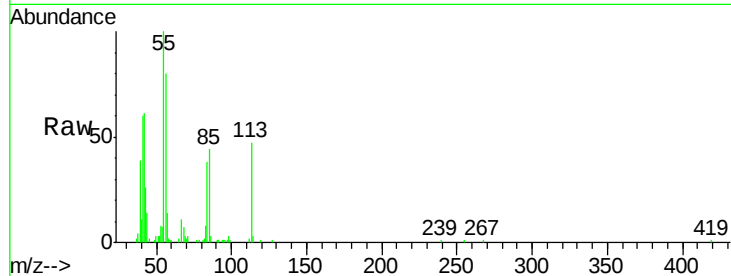
Tot Ion:113 Resp: 24584

Ion Ratio Lower Upper

113 100

55 214.6 198.6 238.6

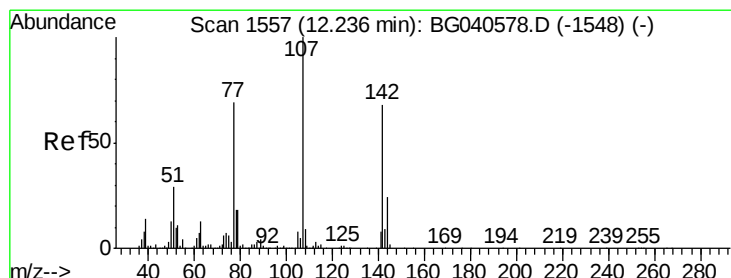
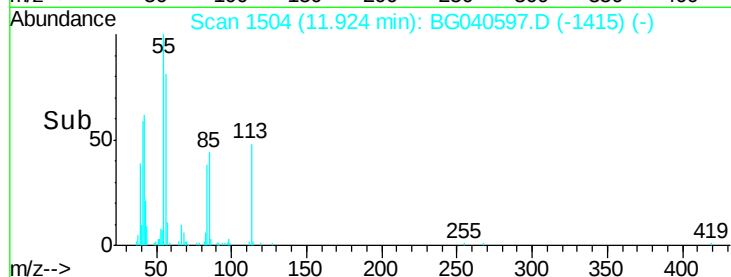
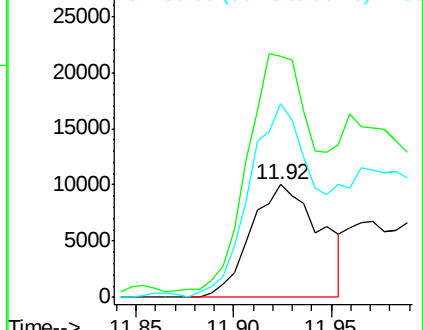
56 171.9 148.4 188.4



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: 49.818 ng

RT: 12.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

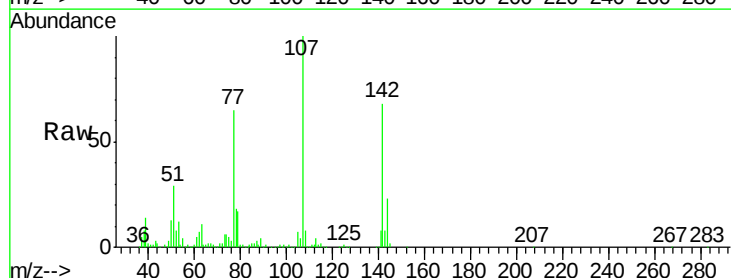
Tgt Ion:107 Resp: 202037

Ion Ratio Lower Upper

107 100

144 22.9 19.3 28.9

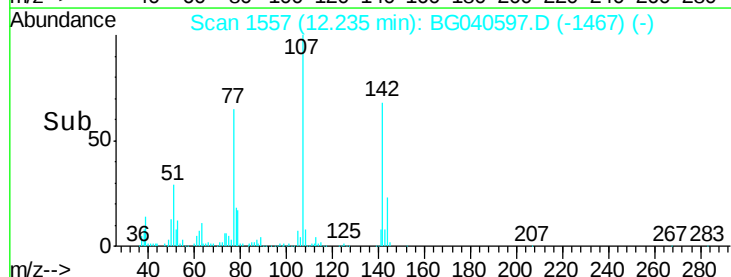
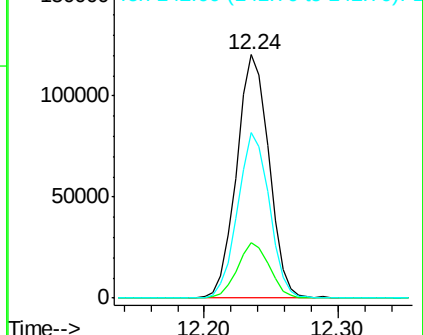
142 68.0 54.6 81.8



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: 46.976 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampled :

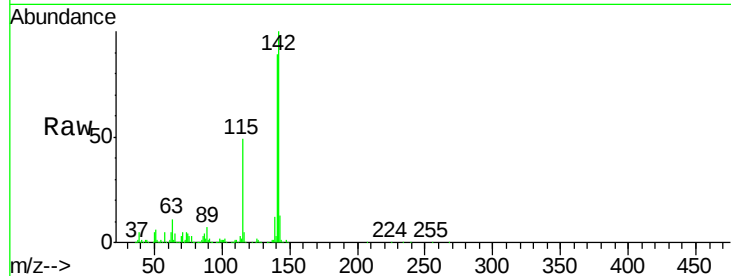
Tot Ion:142 Resp: 339764

Ion Ratio Lower Upper

142 100

141 89.2 73.4 110.2

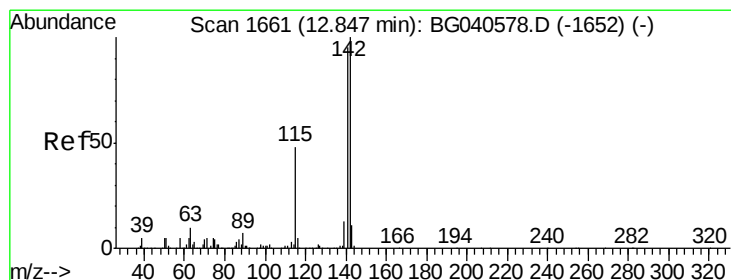
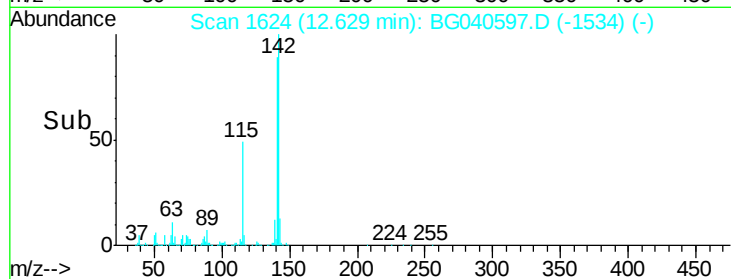
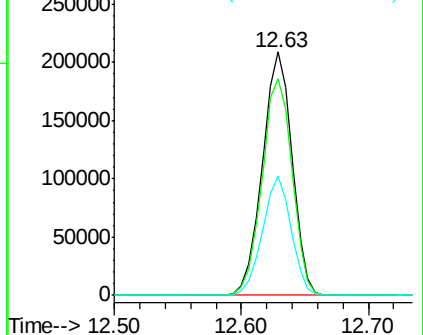
115 48.9 36.2 54.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.589 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

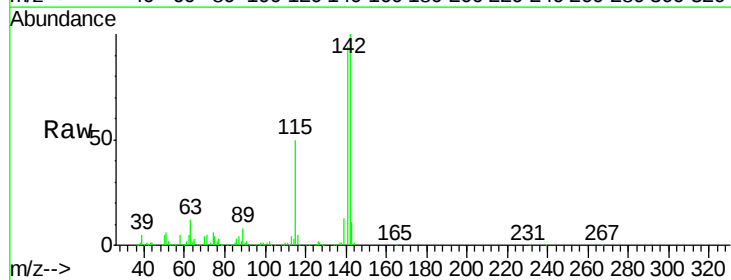
Tgt Ion:142 Resp: 329364

Ion Ratio Lower Upper

142 100

141 93.7 75.9 113.9

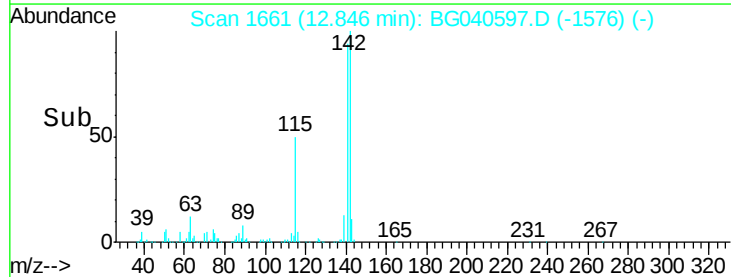
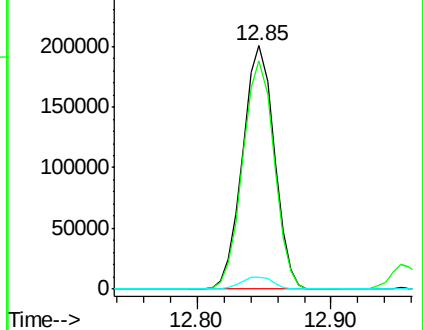
116 4.8 4.2 6.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampleId :

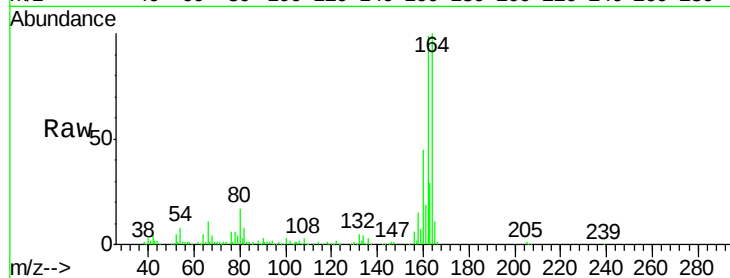
Tot Ion:164 Resp: 133304

Ion Ratio Lower Upper

164 100

162 99.2 81.9 122.9

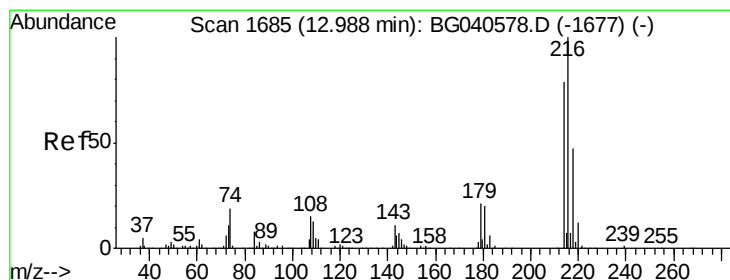
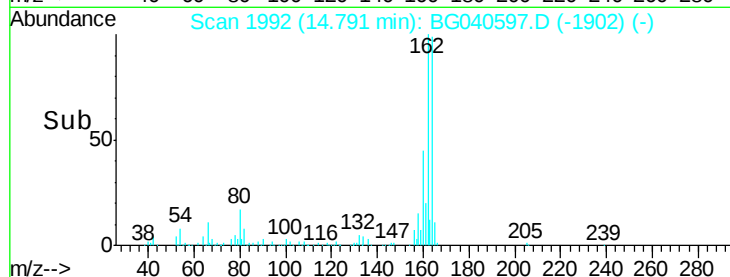
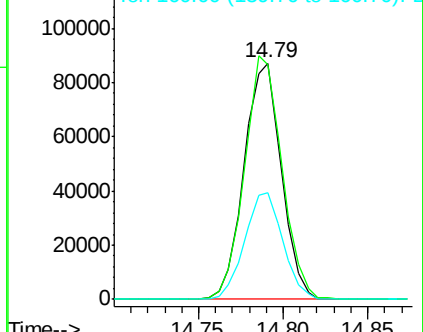
160 44.9 35.4 53.2



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: 43.931 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Tgt Ion:216 Resp: 218155

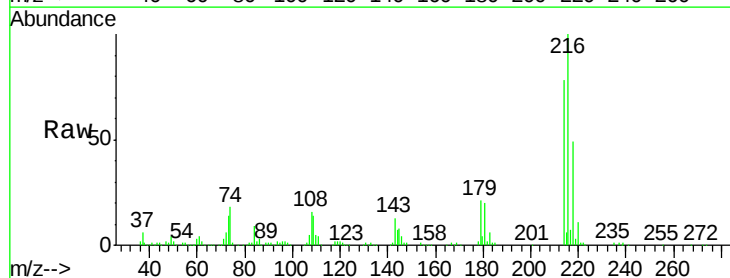
Ion Ratio Lower Upper

216 100

214 79.1 63.7 95.5

179 20.9 16.6 24.8

108 20.8 14.7 22.1

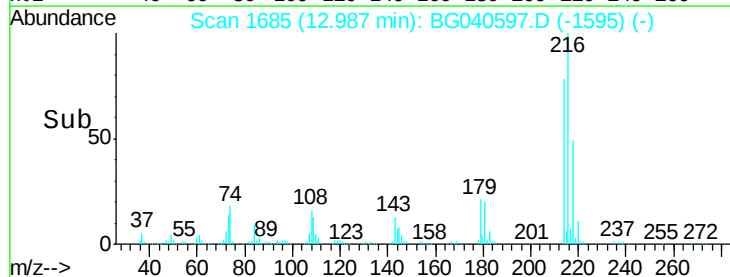
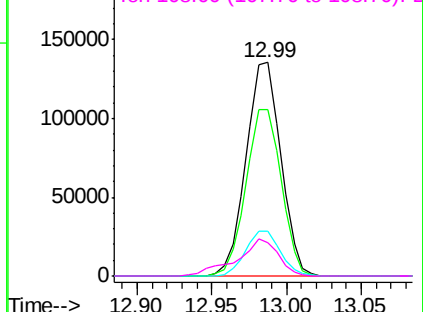


Abundance Ion 216.00 (215.70 to 216.70): E

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: 97.443 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BG040597.D

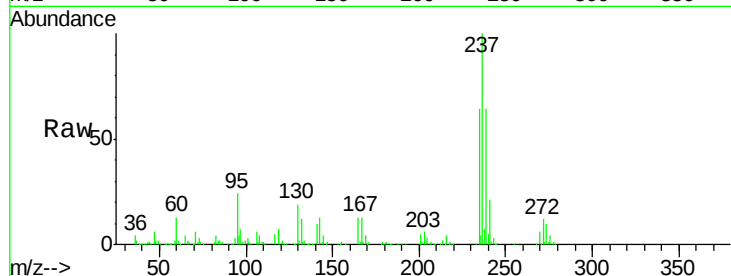
Acq: 24 Apr 2019 17:17

Instrument :

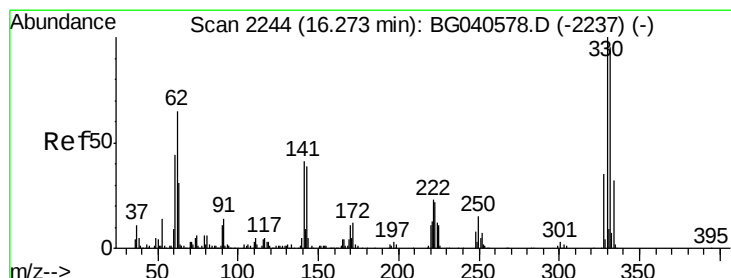
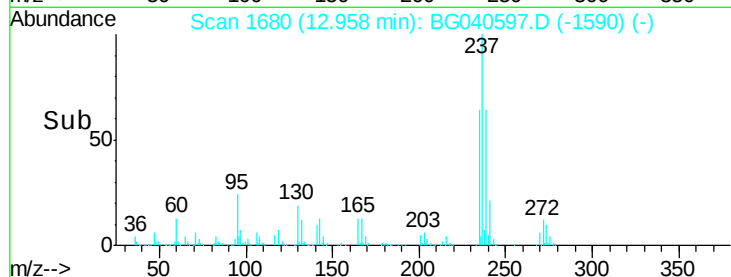
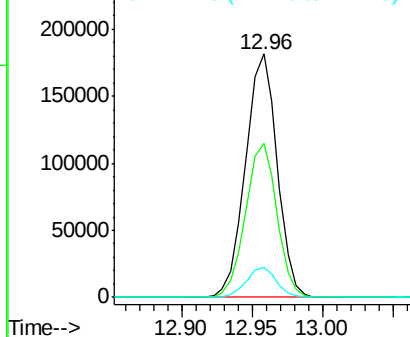
BNA_G

ClientSampleId :

Tot Ion:	237	Resp:	285535
Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.5	82.5
272	12.0	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: 140.753 ng

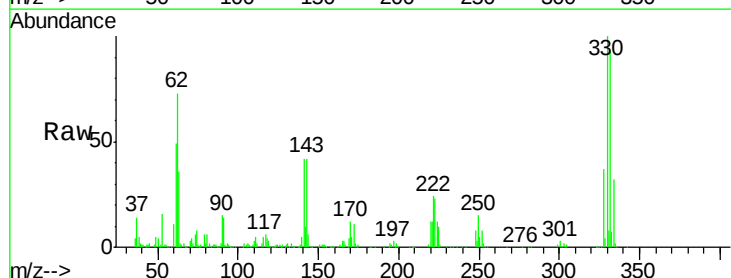
RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

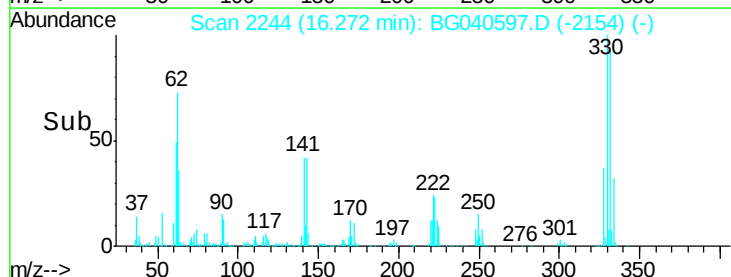
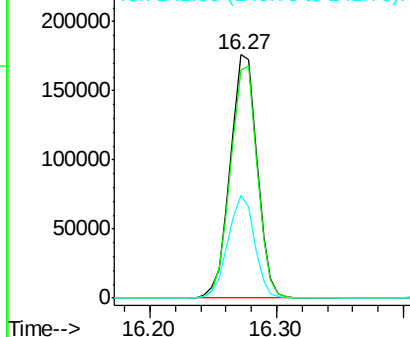
Lab File: BG040597.D

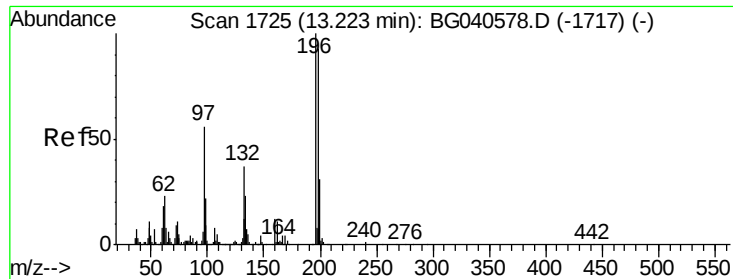
Acq: 24 Apr 2019 17:17

Tgt Ion:	330	Resp:	257901
Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.9	113.9
141	41.7	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

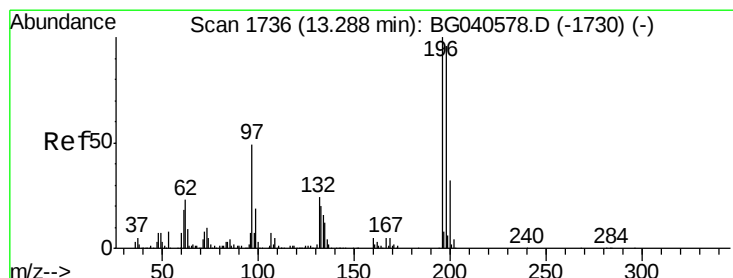
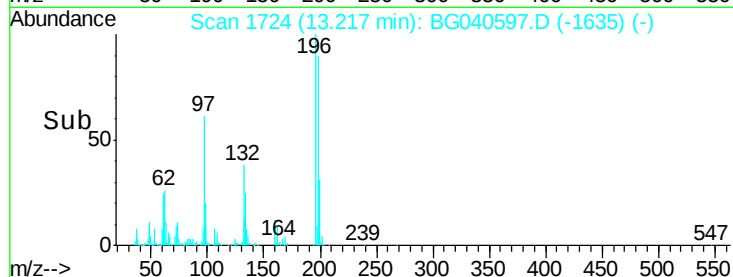
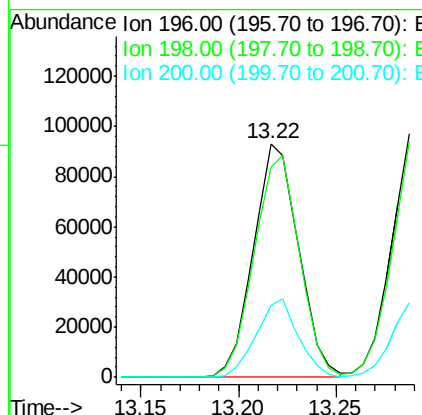
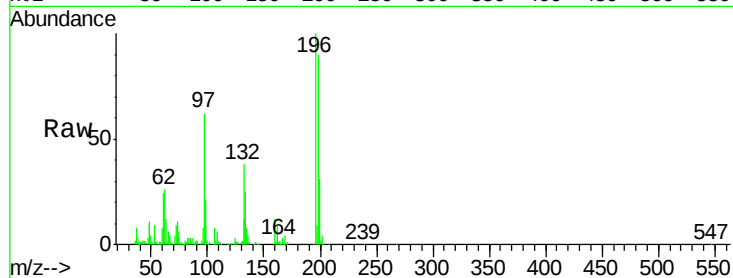




#43
 2,4,6-Trichlorophenol
 Concen: 49.546 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

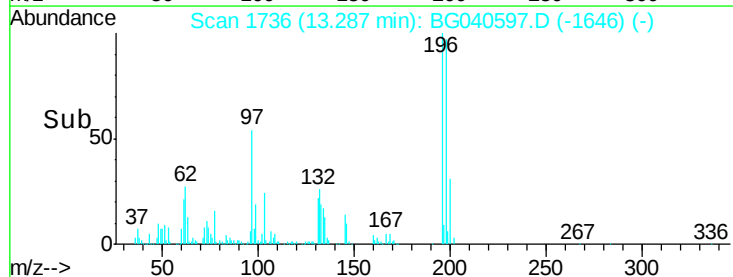
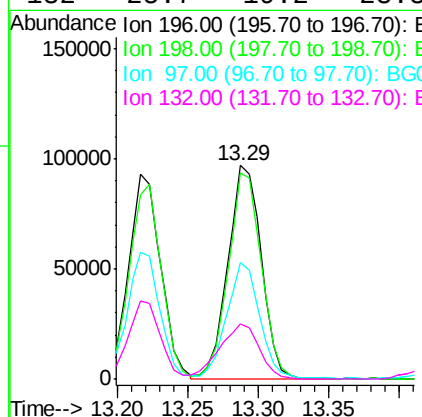
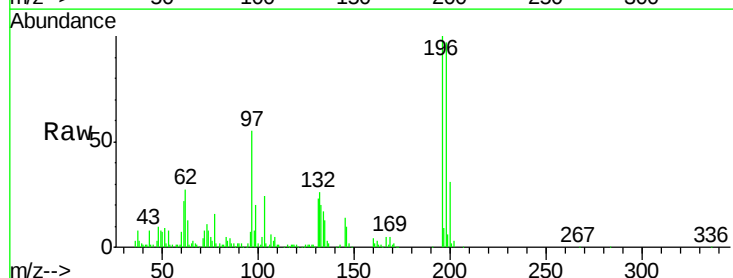
Instrument :
 BNA_G
 ClientSampleId :

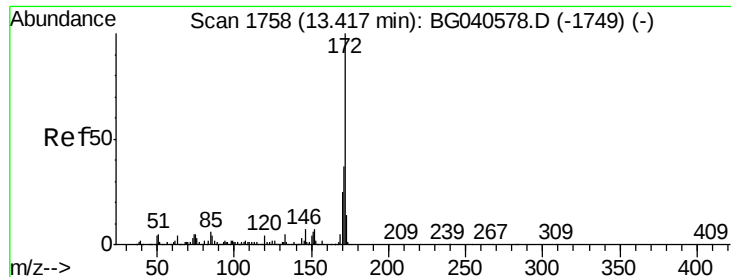
Tot Ion:196 Resp: 148683
 Ion Ratio Lower Upper
 196 100
 198 89.9 74.8 112.2
 200 31.0 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 48.650 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

Tgt Ion:196 Resp: 159040
 Ion Ratio Lower Upper
 196 100
 198 96.7 77.0 115.6
 97 54.8 40.0 60.0
 132 25.7 19.2 28.8

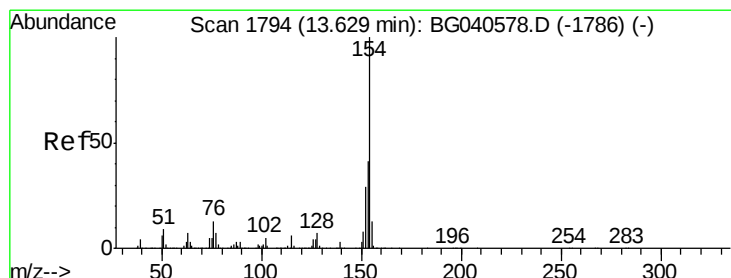
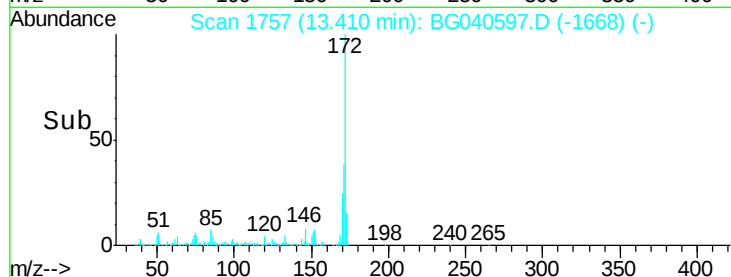
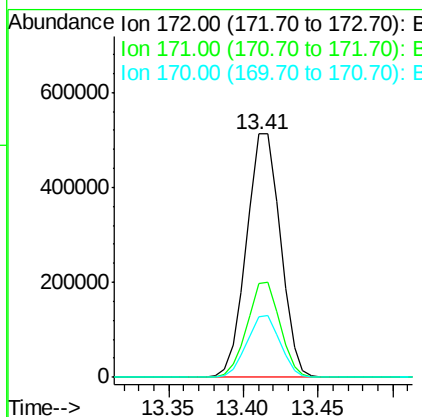
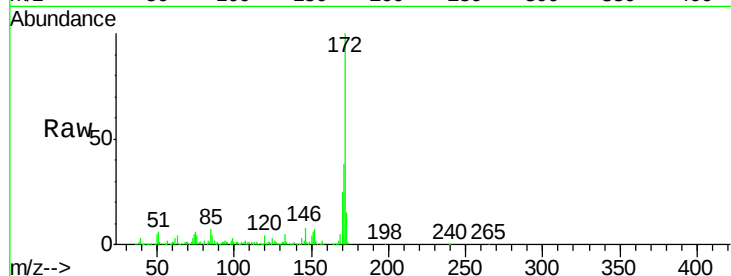




#45
 2-Fluorobiphenyl
 Concen: 87.399 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

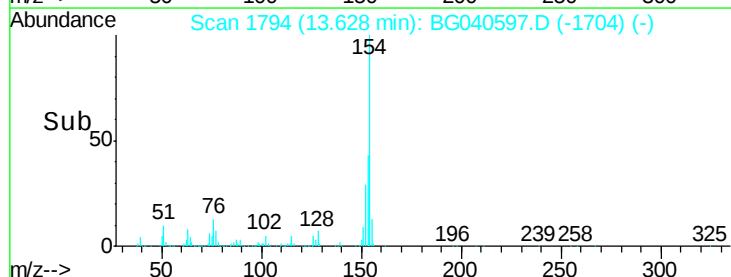
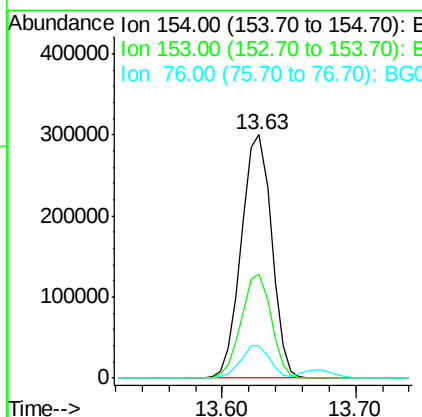
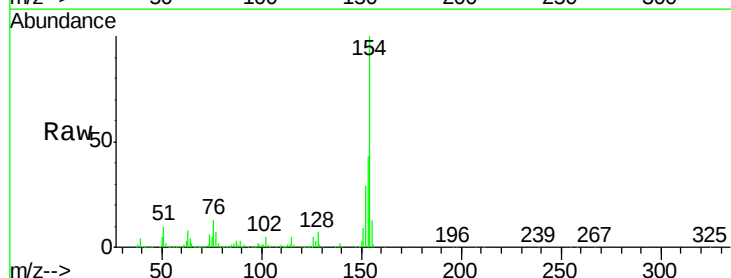
Instrument :
 BNA_G
 ClientSampleId :

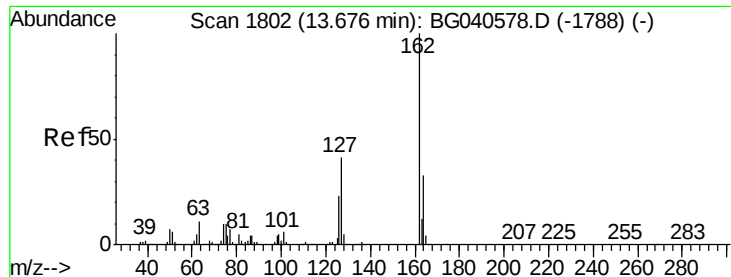
Tot Ion:172 Resp: 806721
 Ion Ratio Lower Upper
 172 100
 171 38.5 29.4 44.2
 170 24.9 19.9 29.9



#46
 1,1'-Biphenyl
 Concen: 45.484 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

Tgt Ion:154 Resp: 470755
 Ion Ratio Lower Upper
 154 100
 153 42.8 20.5 60.5
 76 13.3 0.0 32.5

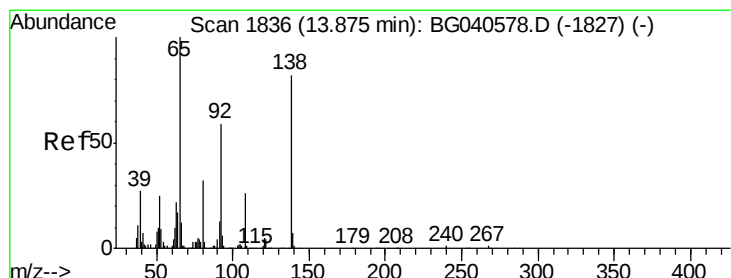
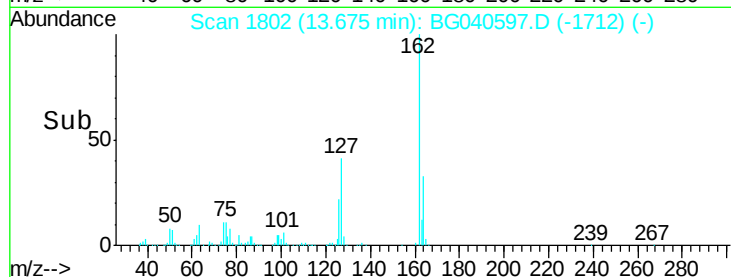
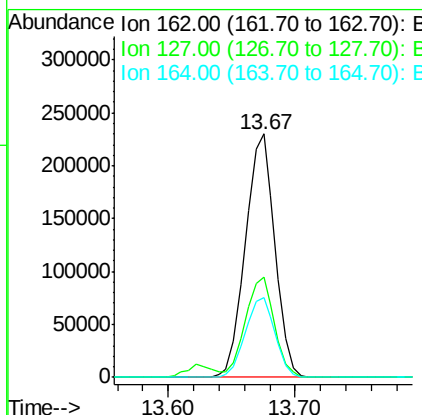
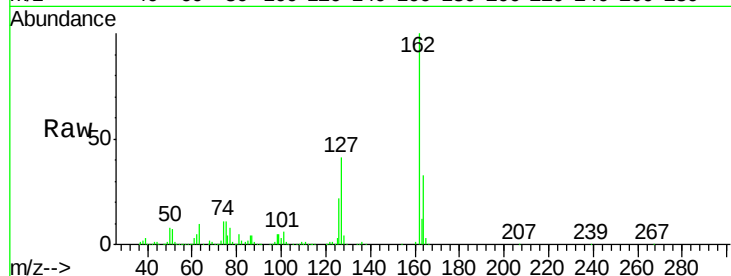




#47
 2-Chloronaphthalene
 Concen: 45.643 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

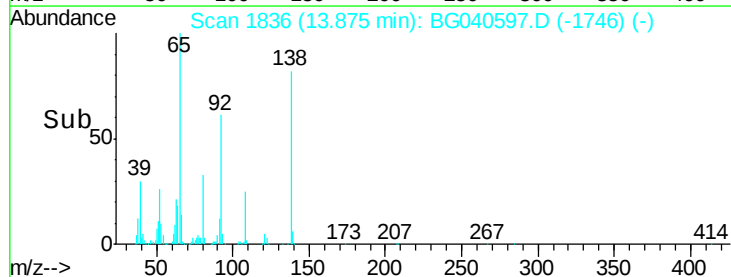
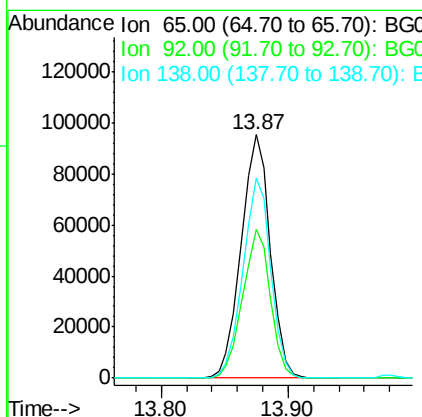
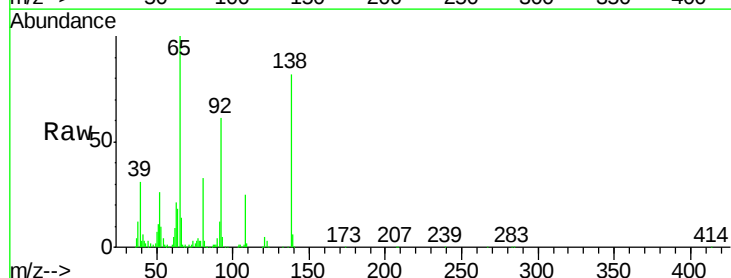
Instrument :
 BNA_G
 ClientSampleId :

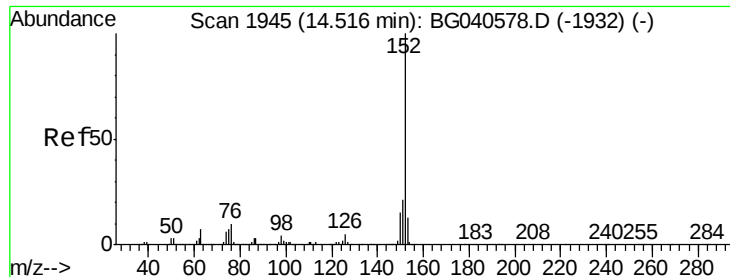
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.0	49.4
164	33.0	26.8	40.2



#48
 2-Nitroaniline
 Concen: 52.542 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.0	47.4	71.0
138	82.1	66.1	99.1





#49

Acenaphthylene

Concen: 44.213 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampled :

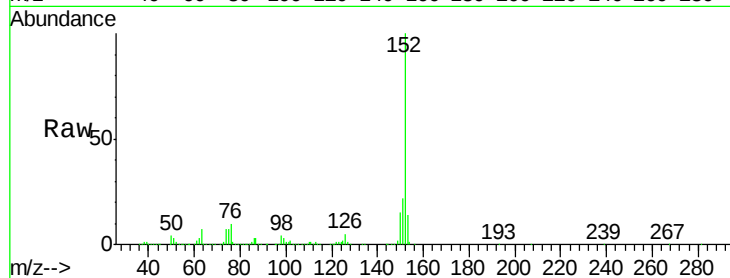
Tot Ion:152 Resp: 607577

Ion Ratio Lower Upper

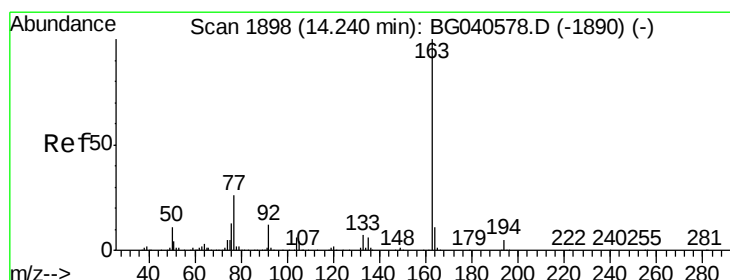
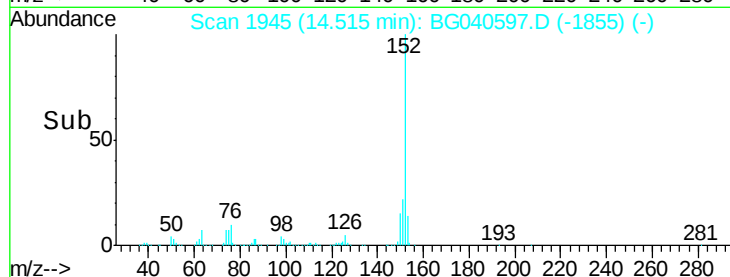
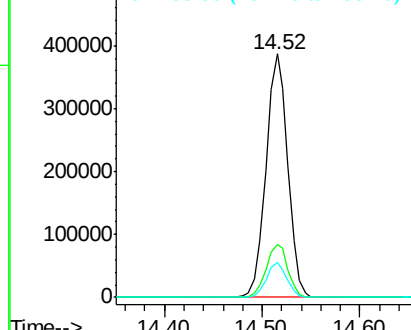
152 100

151 21.9 17.2 25.8

153 14.2 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: 47.195 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

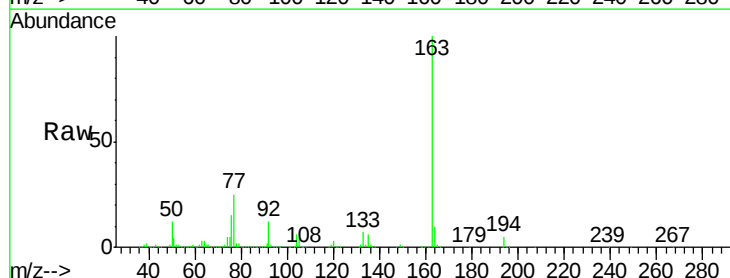
Tgt Ion:163 Resp: 526383

Ion Ratio Lower Upper

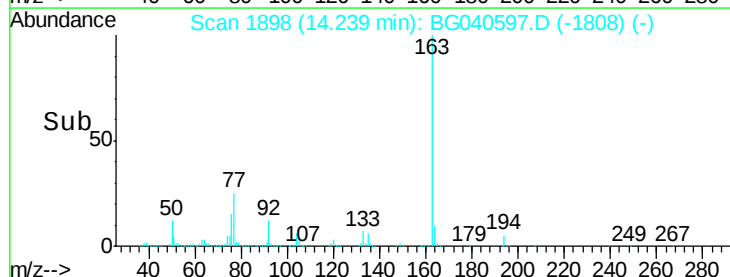
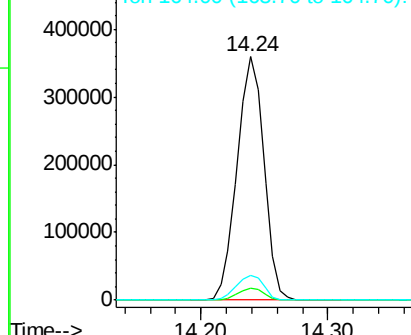
163 100

194 4.7 3.8 5.8

164 10.2 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

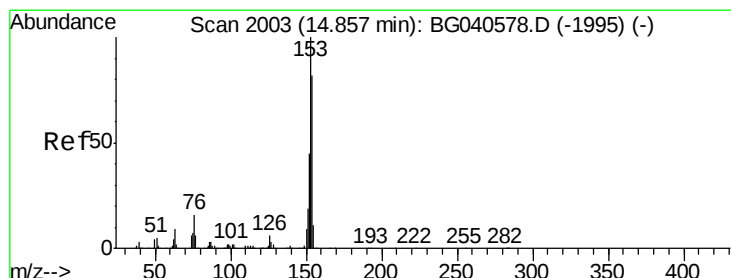
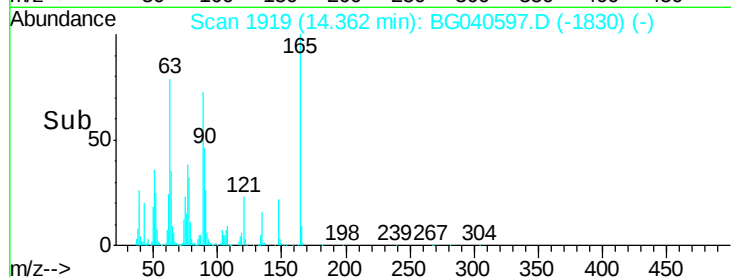
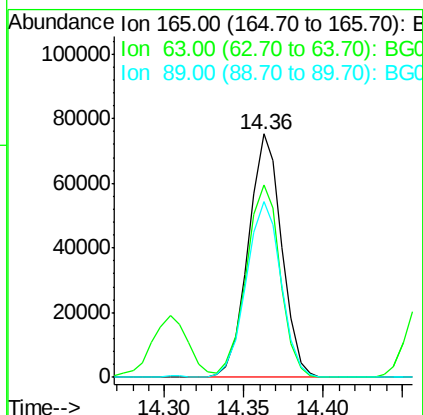
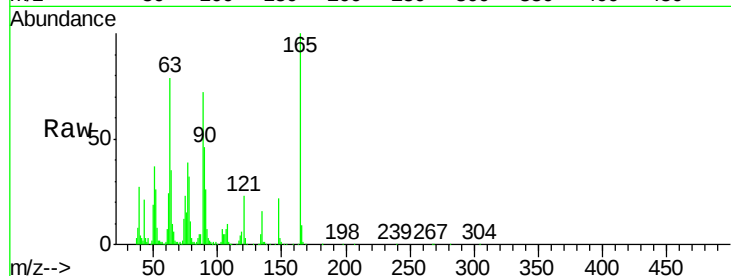




#51
 2,6-Dinitrotoluene
 Concen: 50.526 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

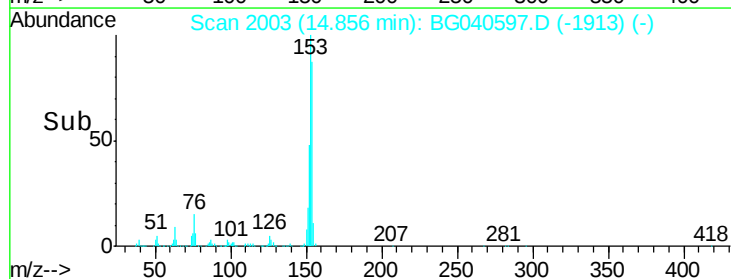
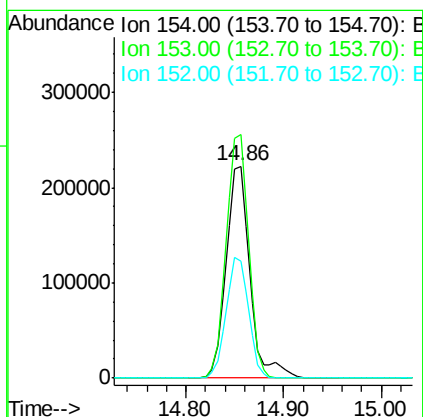
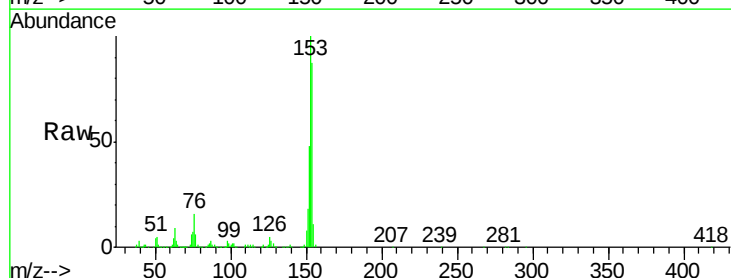
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 109984
 Ion Ratio Lower Upper
 165 100
 63 79.1 61.0 91.4
 89 72.4 58.6 87.8



#52
 Acenaphthene
 Concen: 47.210 ng
 RT: 14.86 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

Tgt Ion:154 Resp: 377813
 Ion Ratio Lower Upper
 154 100
 153 115.0 97.0 145.6
 152 55.4 44.1 66.1





#53

3-Nitroaniline

Concen: 16.645 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampleId :

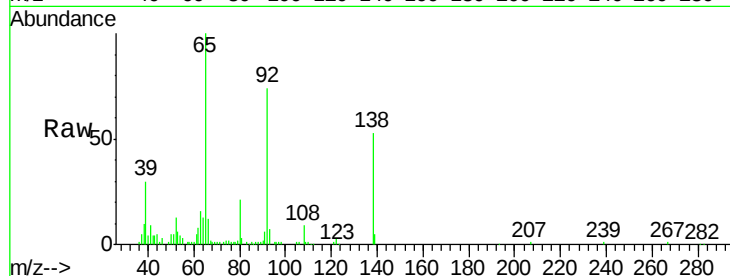
Tot Ion:138 Resp: 37124

Ion Ratio Lower Upper

138 100

108 16.5 12.4 18.6

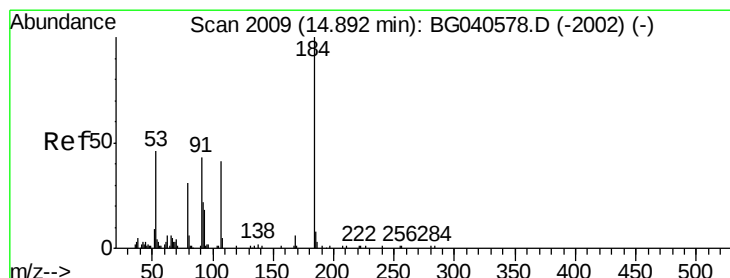
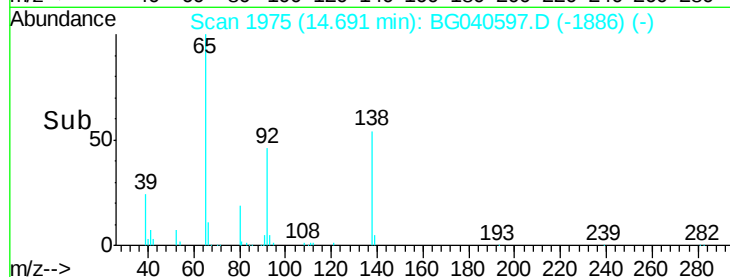
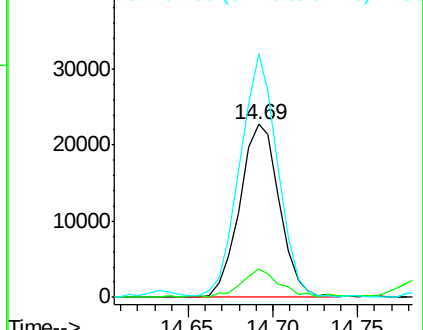
92 141.0 108.6 162.8



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: 36.004 ng

RT: 14.89 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

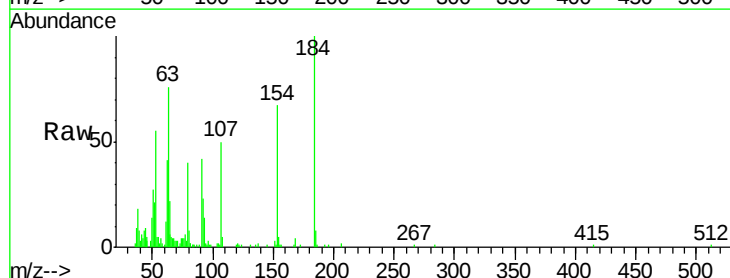
Tgt Ion:184 Resp: 39010

Ion Ratio Lower Upper

184 100

63 75.6 51.8 77.6

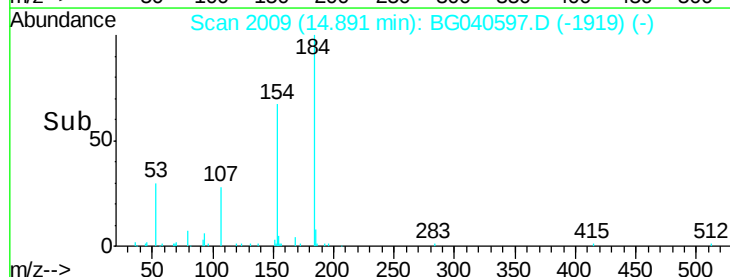
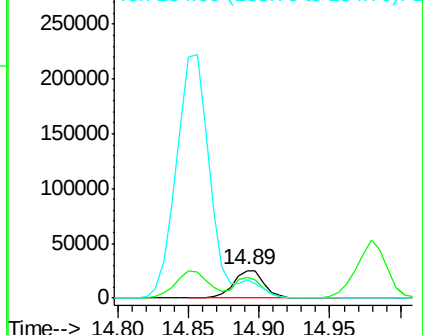
154 66.5 43.6 65.4#

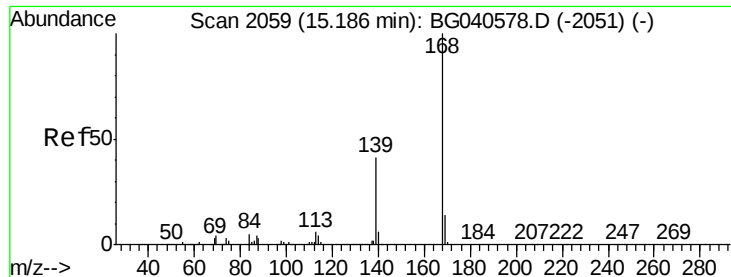


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

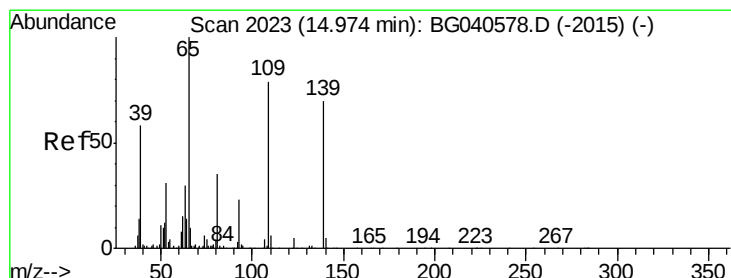
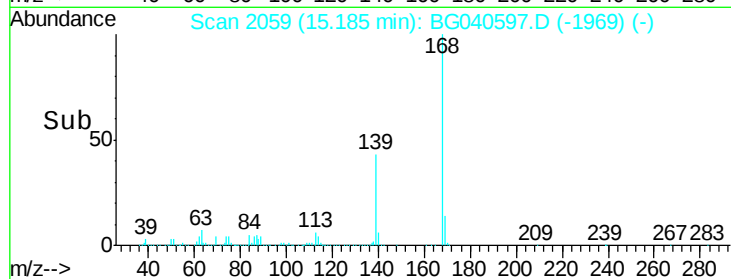
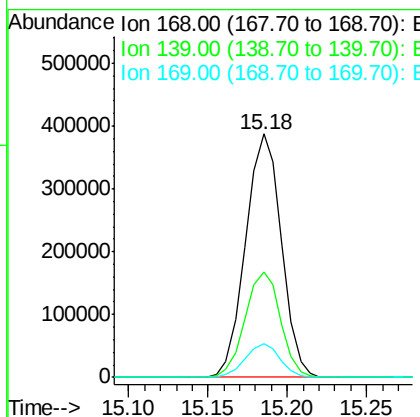
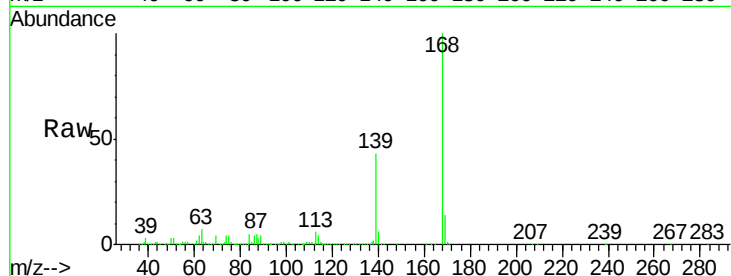




#55
Dibenzofuran
Concen: 46.352 ng
RT: 15.18 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BG040597.D
Acq: 24 Apr 2019 17:17

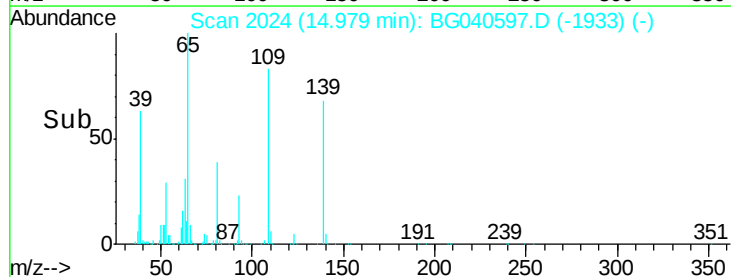
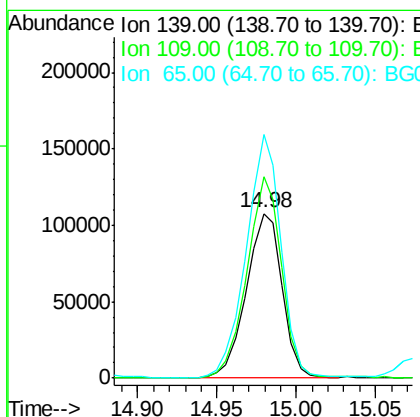
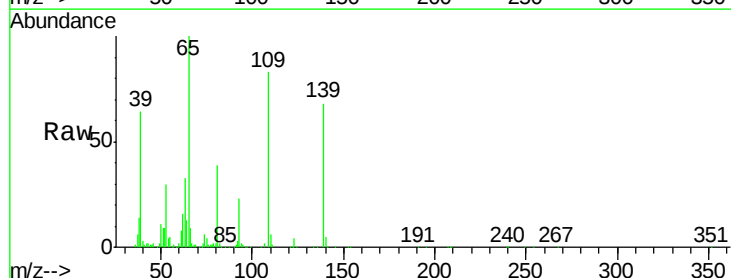
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.3	33.0	49.4
169	14.0	11.0	16.4



#56
4-Nitrophenol
Concen: 87.429 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BG040597.D
Acq: 24 Apr 2019 17:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	122.6	93.8	133.8
65	147.9	122.7	162.7

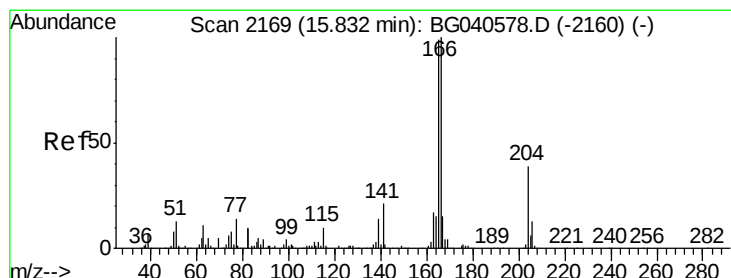
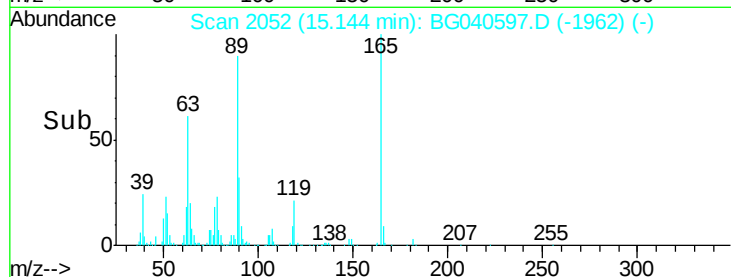
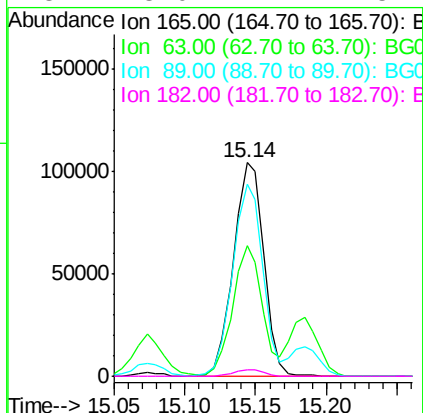
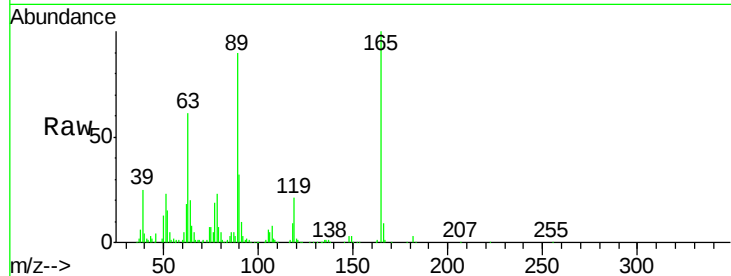




#57
 2,4-Dinitrotoluene
 Concen: 52.775 ng
 RT: 15.14 min Scan# 2052
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

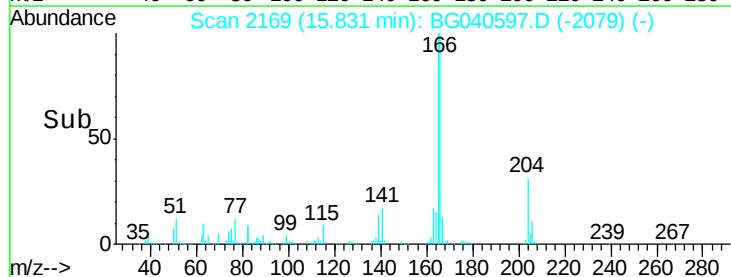
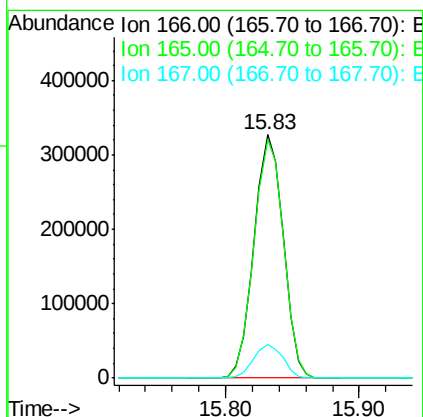
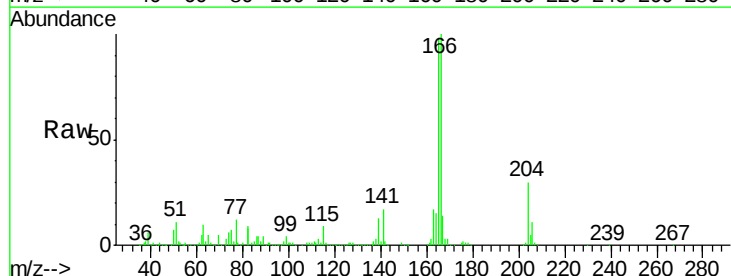
Instrument :
 BNA_G
 ClientSampleId :

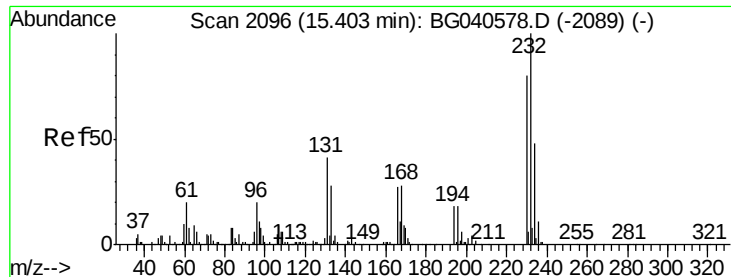
Tot Ion:165 Resp: 156104
 Ion Ratio Lower Upper
 165 100
 63 61.2 45.8 68.8
 89 90.0 69.4 104.2
 182 3.0 2.2 3.4



#58
 Fluorene
 Concen: 46.542 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

Tgt Ion:166 Resp: 493100
 Ion Ratio Lower Upper
 166 100
 165 97.8 79.6 119.4
 167 13.7 12.2 18.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.546 ng

RT: 15.40 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 169604

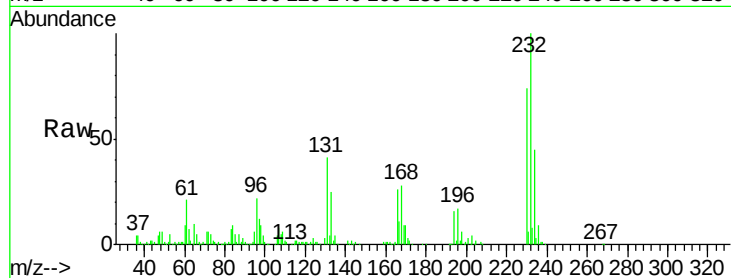
Ion Ratio Lower Upper

232 100

131 41.4 33.0 49.4

130 2.9 2.0 3.0

166 27.5 22.1 33.1



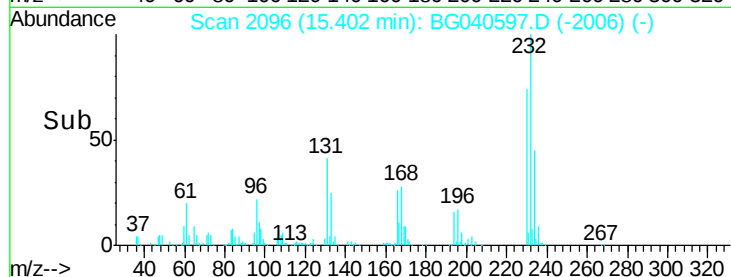
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

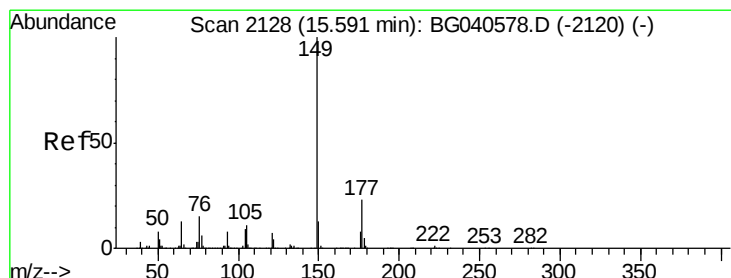
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



Time-->



#60

Diethylphthalate

Concen: 48.297 ng

RT: 15.59 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

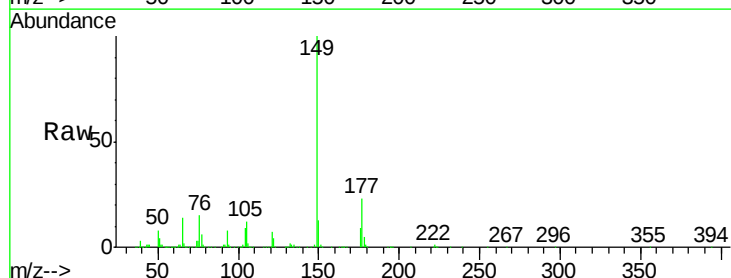
Tgt Ion:149 Resp: 568340

Ion Ratio Lower Upper

149 100

177 23.5 18.5 27.7

150 13.0 10.2 15.4

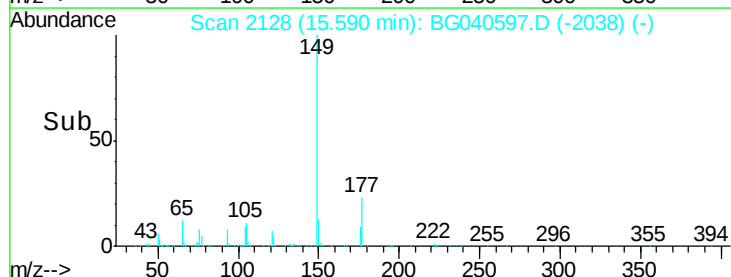


Abundance Ion 149.00 (148.70 to 149.70): E

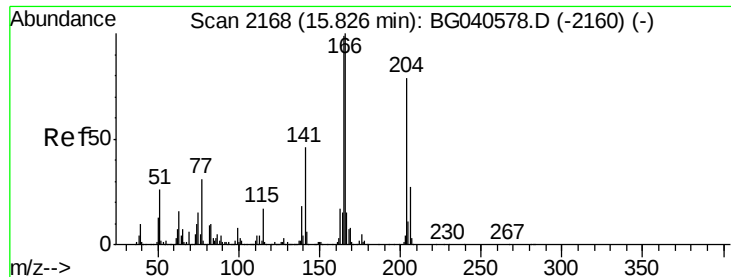
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->



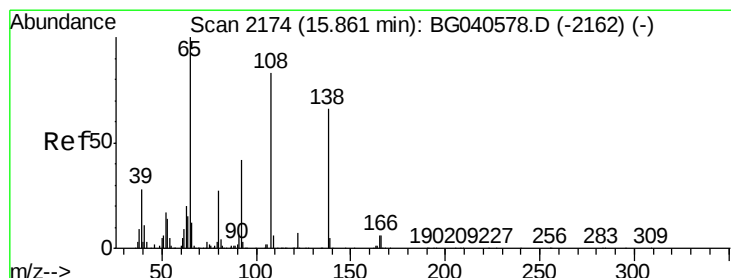
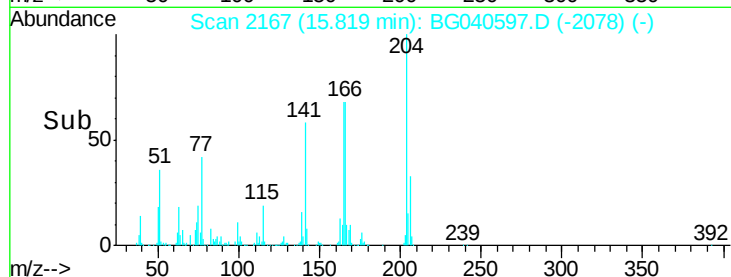
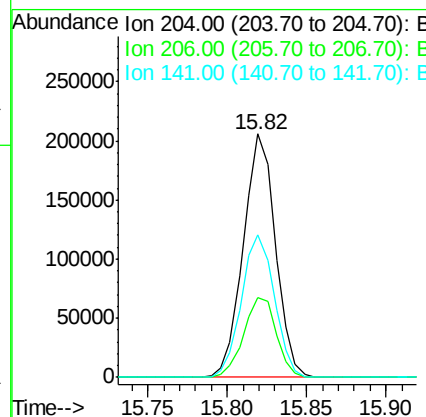
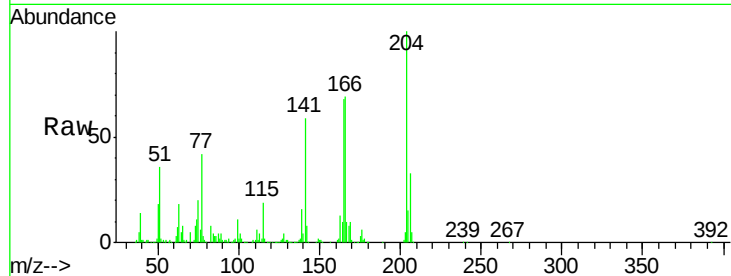
Time-->



#61
 4-Chlorophenyl-phenylether
 Concen: 46.952 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

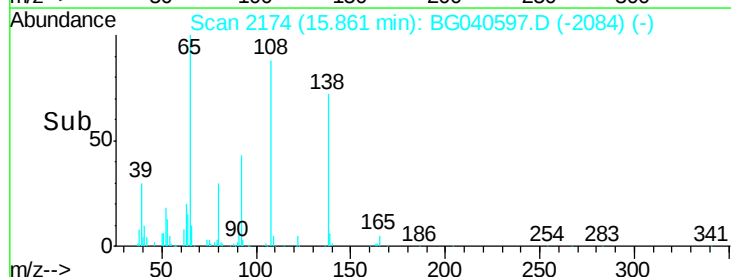
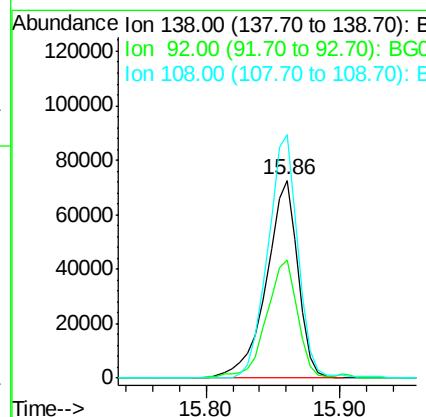
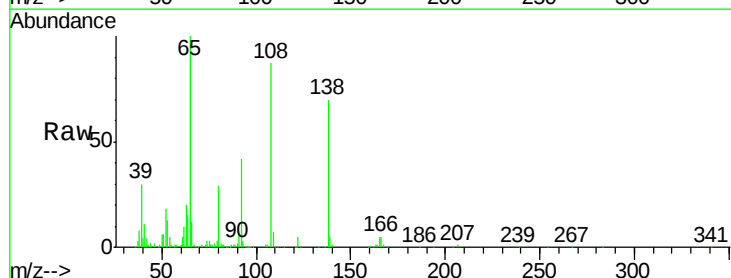
Instrument :
 BNA_G
 ClientSampled :

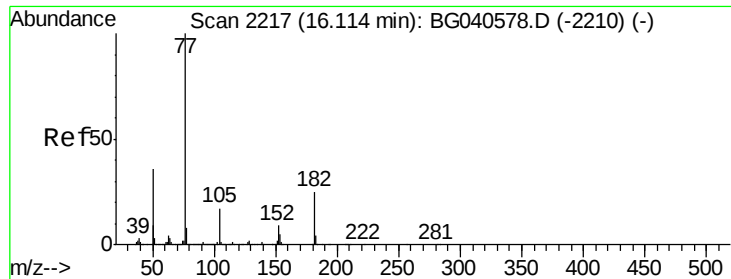
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	27.4	41.2
141	58.6	46.0	69.0



#62
 4-Nitroaniline
 Concen: 47.642 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.5	43.9	83.9
108	123.3	106.5	146.5

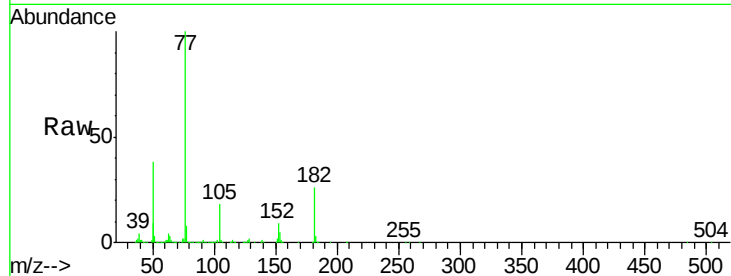




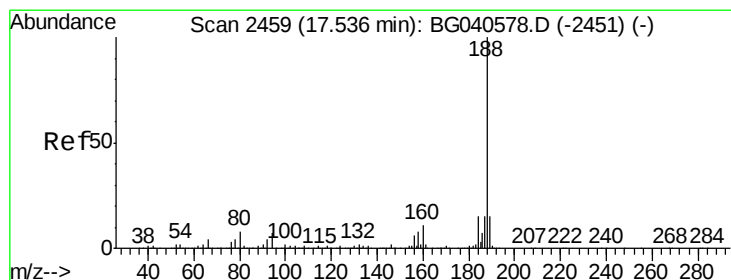
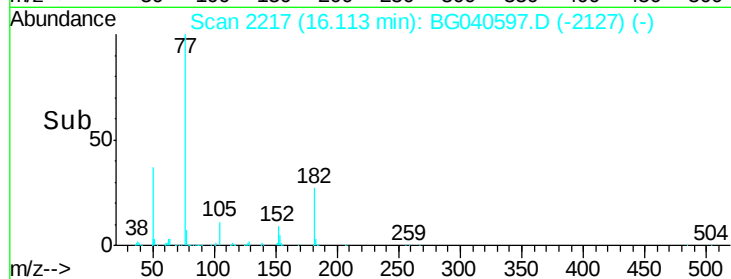
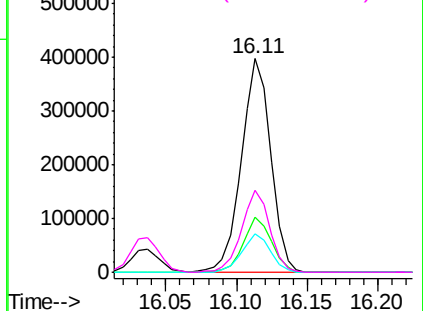
#63
Azobenzene
Concen: 47.467 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG040597.D
Acq: 24 Apr 2019 17:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 575249
Ion Ratio Lower Upper
77 100
182 25.8 5.0 45.0
105 17.8 0.0 37.6
51 38.1 16.3 56.3

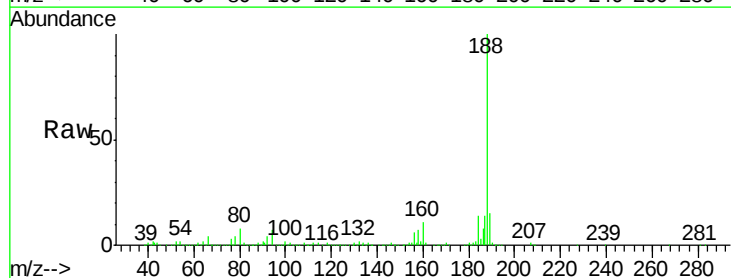


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

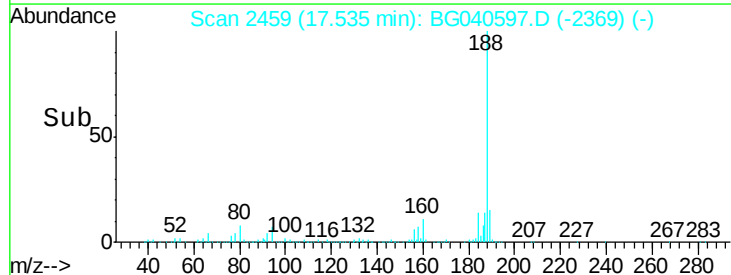
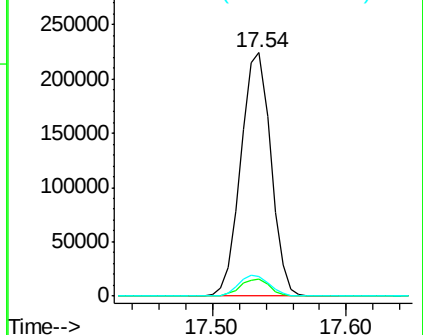


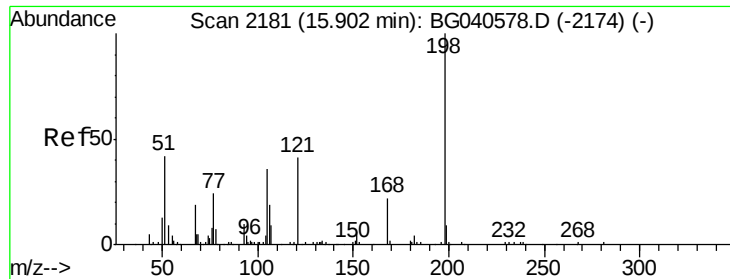
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG040597.D
Acq: 24 Apr 2019 17:17

Tgt Ion: 188 Resp: 348255
Ion Ratio Lower Upper
188 100
94 7.0 5.6 8.4
80 7.8 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

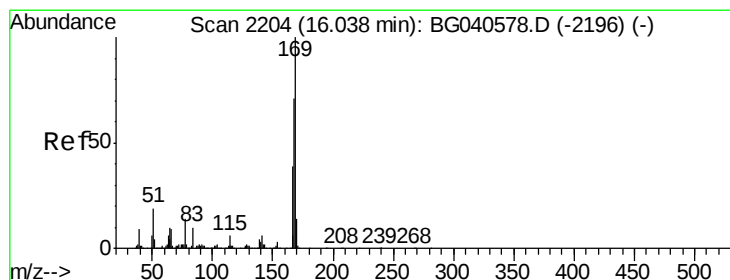
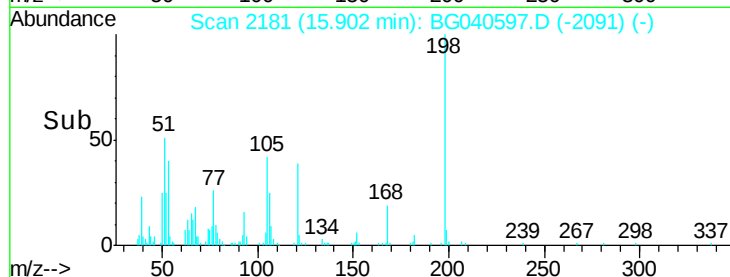
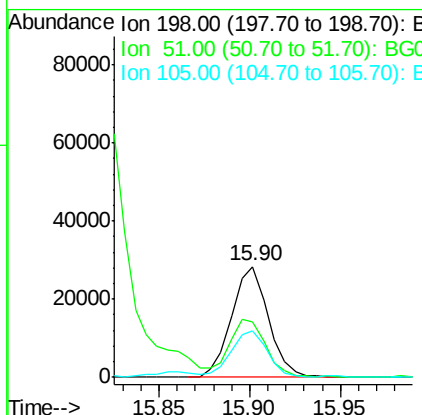
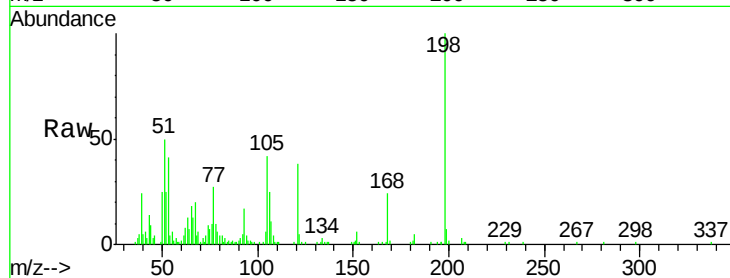




#65
 4,6-Dinitro-2-methylphenol
 Concen: 26.913 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

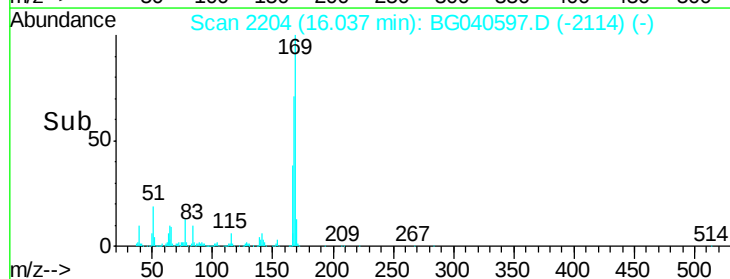
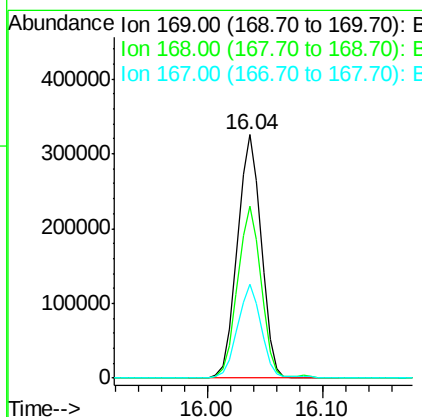
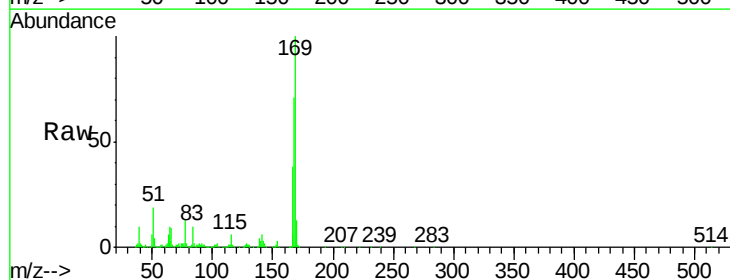
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	50.5	35.9	75.9
105	42.0	21.2	61.2



#66
 n-Nitrosodiphenylamine
 Concen: 45.316 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.7	56.8	85.2
167	38.4	31.4	47.0

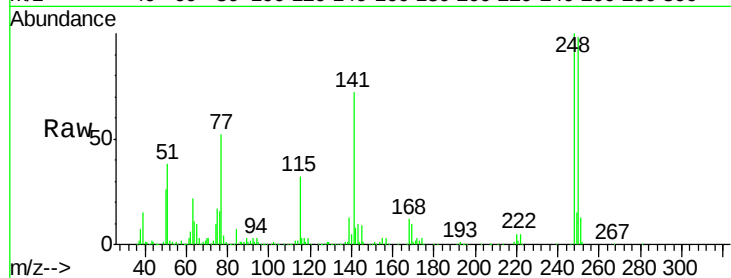




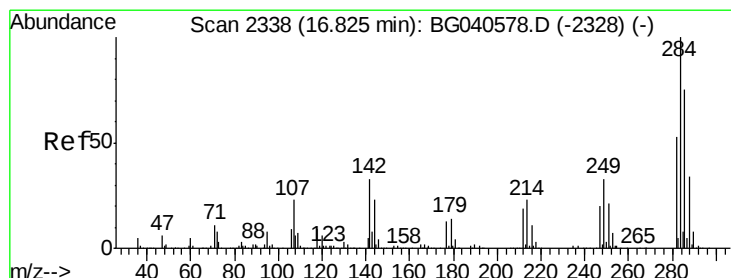
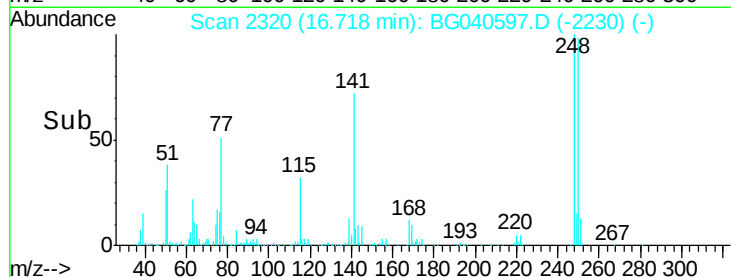
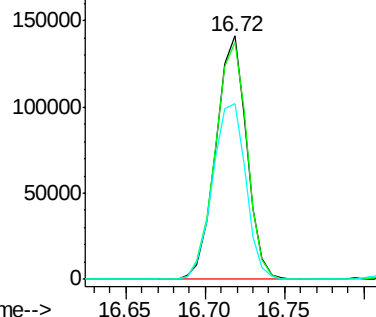
#67
 4-Bromophenyl-phenylether
 Concen: 44.008 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 190939
 Ion Ratio Lower Upper
 248 100
 250 97.6 79.8 119.6
 141 72.4 60.8 91.2

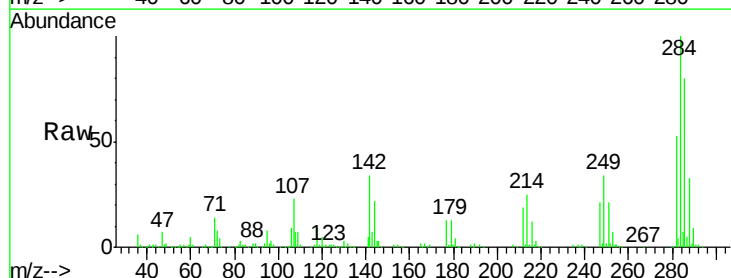


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

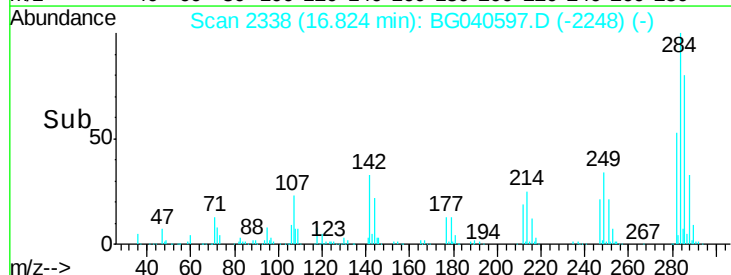
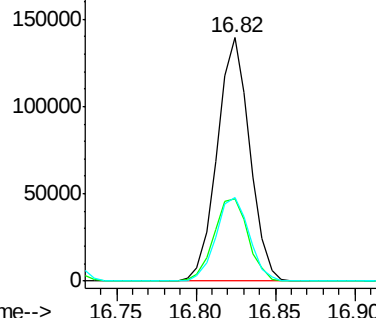


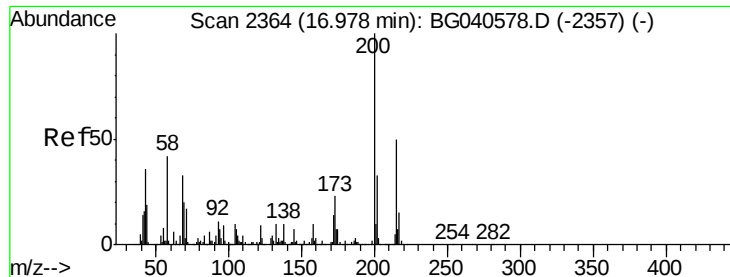
#68
 Hexachlorobenzene
 Concen: 44.195 ng
 RT: 16.82 min Scan# 2338
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

Tgt Ion:284 Resp: 198271
 Ion Ratio Lower Upper
 284 100
 142 33.7 26.6 40.0
 249 34.1 26.0 39.0



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





#69

Atrazine

Concen: 50.459 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampleId :

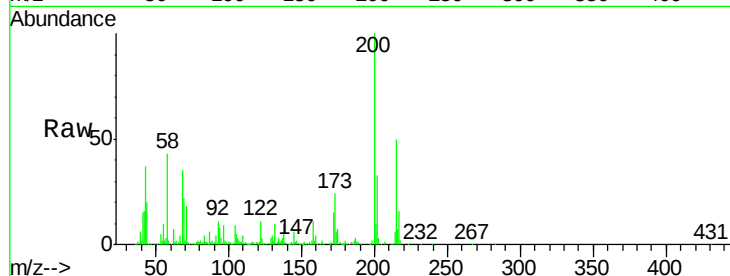
Tot Ion:200 Resp: 204837

Ion Ratio Lower Upper

200 100

173 23.9 2.8 42.8

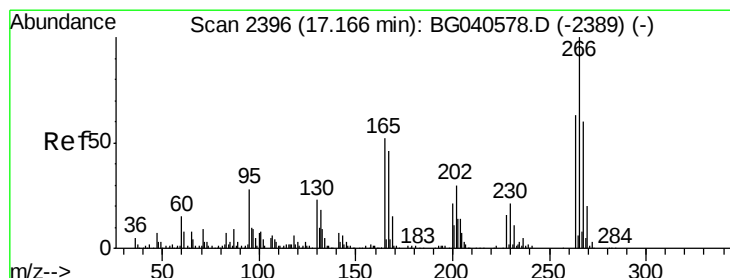
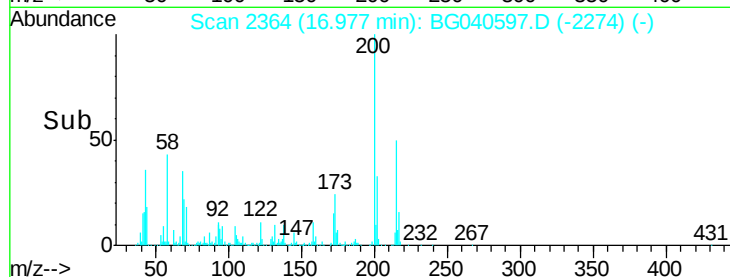
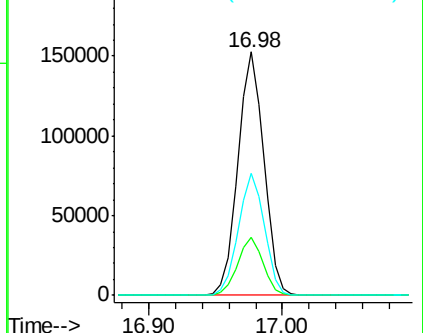
215 50.4 30.2 70.2



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: 73.336 ng

RT: 17.17 min Scan# 2397

Delta R.T. 0.01 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

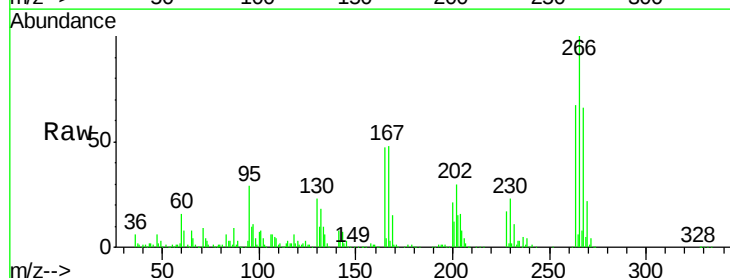
Tgt Ion:266 Resp: 192526

Ion Ratio Lower Upper

266 100

268 66.2 52.3 78.5

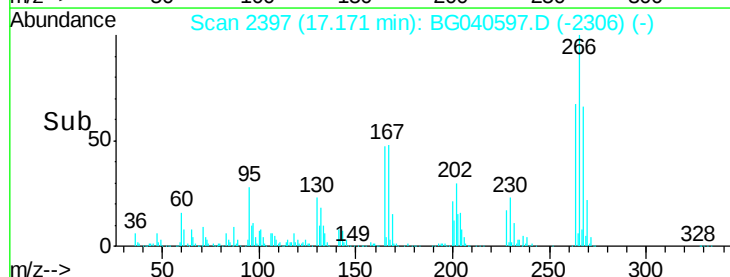
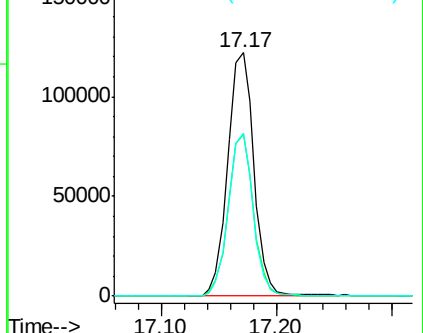
264 66.9 50.0 75.0

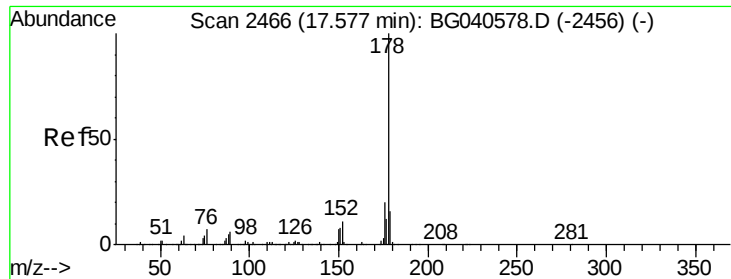


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

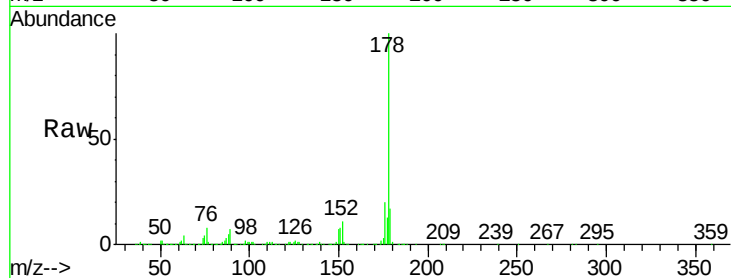




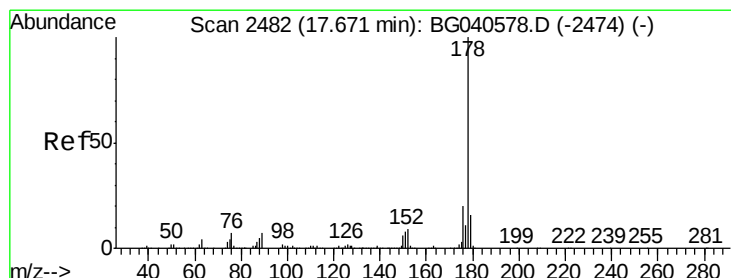
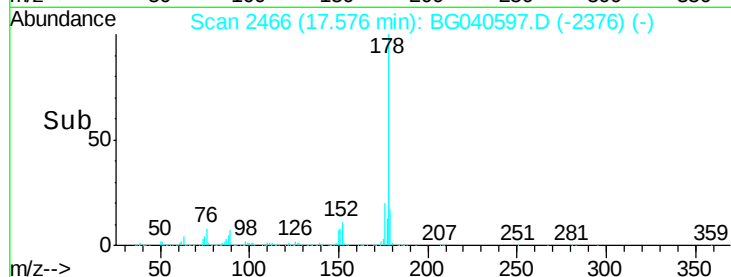
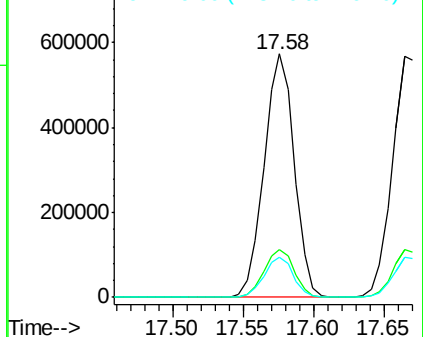
#71
Phenanthrene
Concen: 45.855 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG040597.D
Acq: 24 Apr 2019 17:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 860142
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 16.7 12.6 18.8

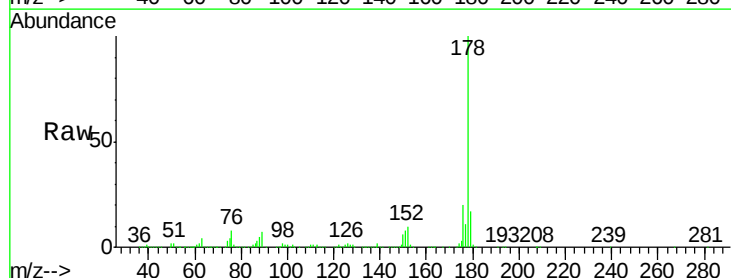


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

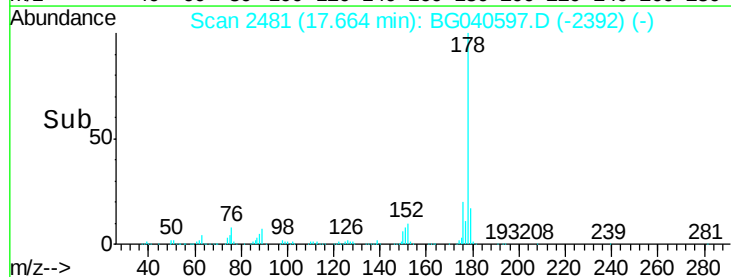
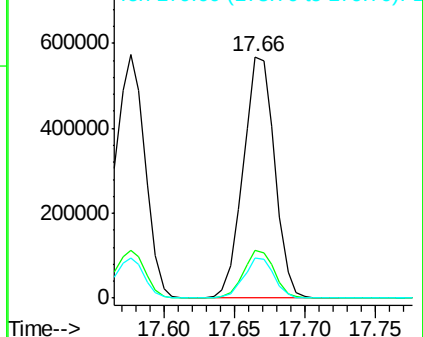


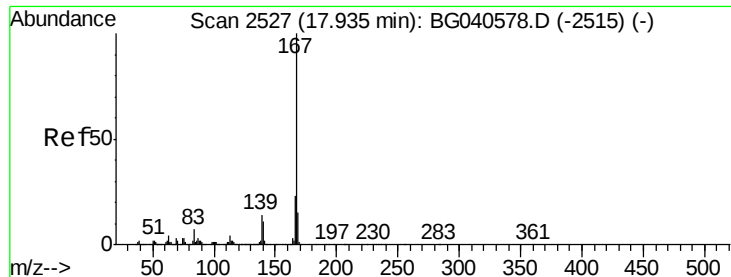
#72
Anthracene
Concen: 46.914 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG040597.D
Acq: 24 Apr 2019 17:17

Tgt Ion:178 Resp: 884562
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 16.9 12.9 19.3



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





#73

Carbazole

Concen: 47.177 ng

RT: 17.93 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampleId :

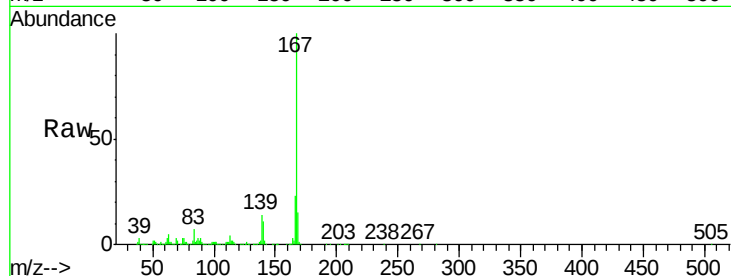
Tot Ion:167 Resp: 810424

Ion Ratio Lower Upper

167 100

166 23.1 18.2 27.4

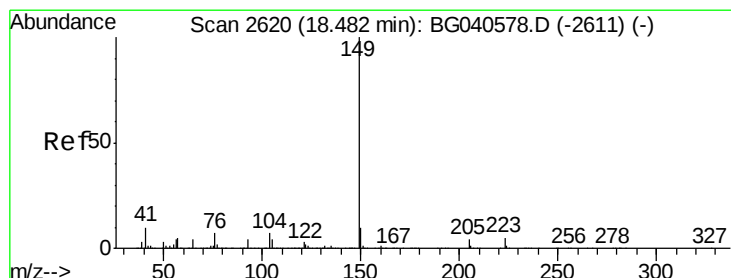
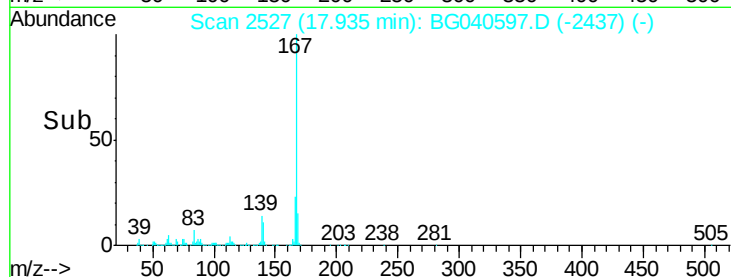
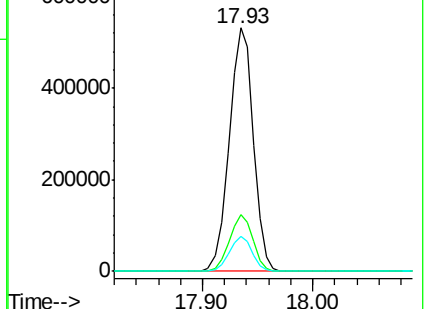
139 14.2 11.4 17.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.028 ng

RT: 18.48 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

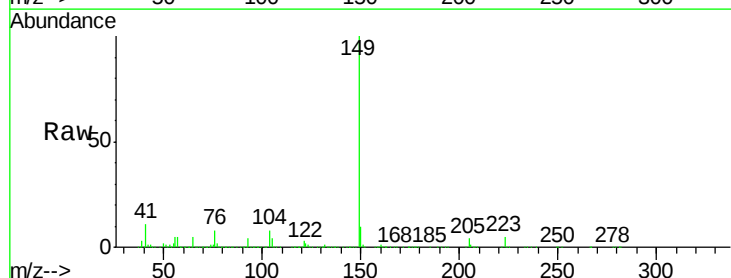
Tgt Ion:149 Resp: 995814

Ion Ratio Lower Upper

149 100

150 10.1 8.2 12.2

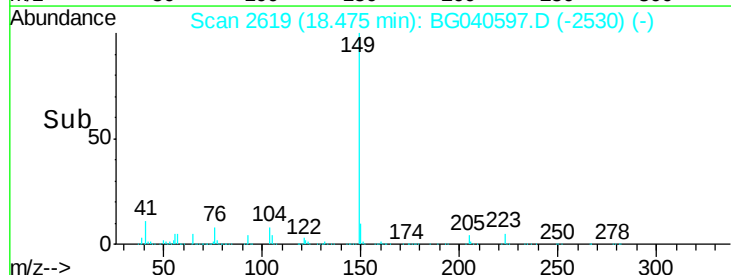
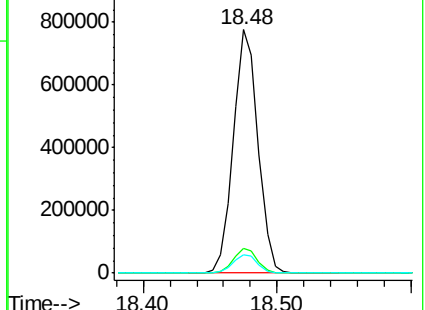
104 7.6 5.4 8.2

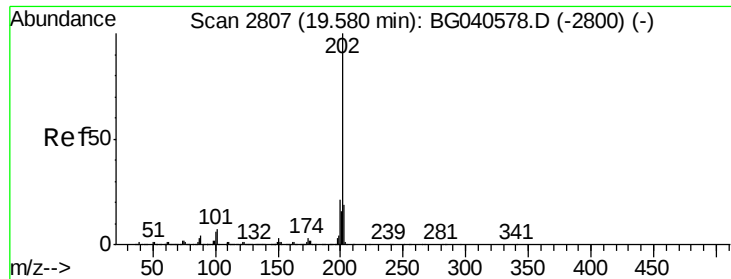


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.255 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampleId :

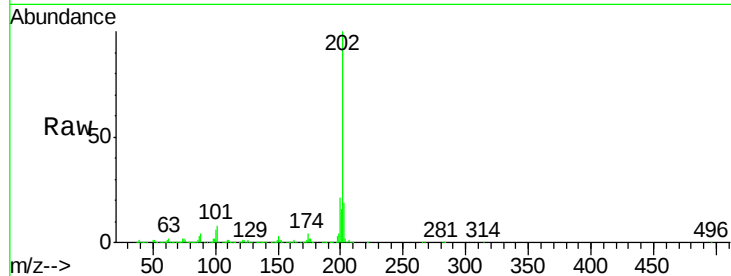
Tot Ion:202 Resp: 1127986

Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	27.5
203	18.7	0.0	39.3

202 100

101 7.5 0.0 27.5

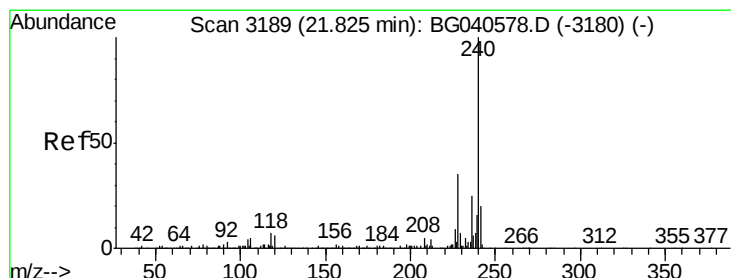
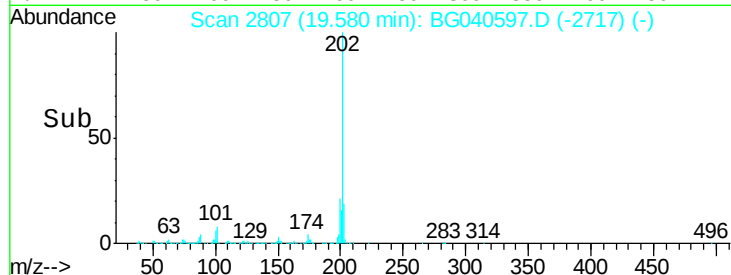
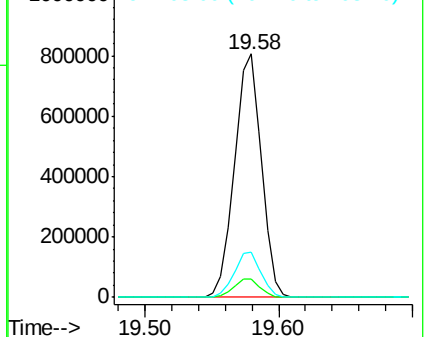
203 18.7 0.0 39.3



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: 21.82 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

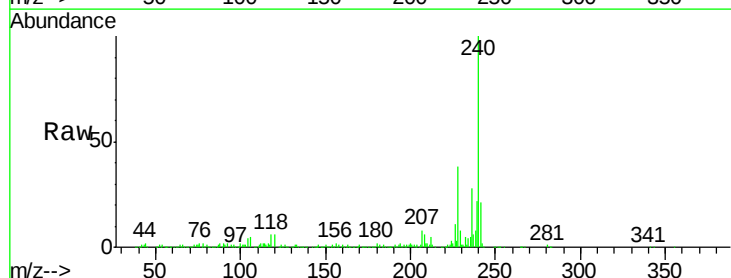
Tgt Ion:240 Resp: 348633

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.0	7.6
236	27.8	20.3	30.5

240 100

120 6.4 5.0 7.6

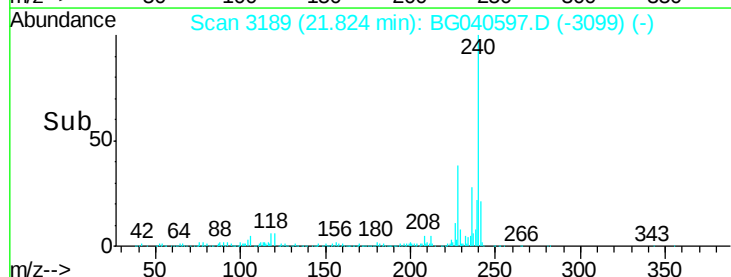
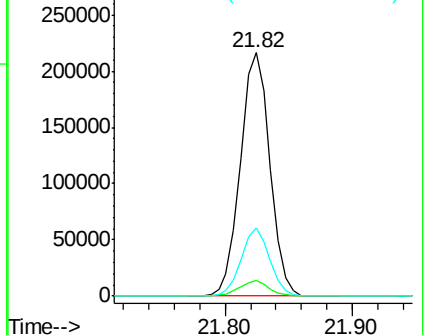
236 27.8 20.3 30.5



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: 9.353 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampleId :

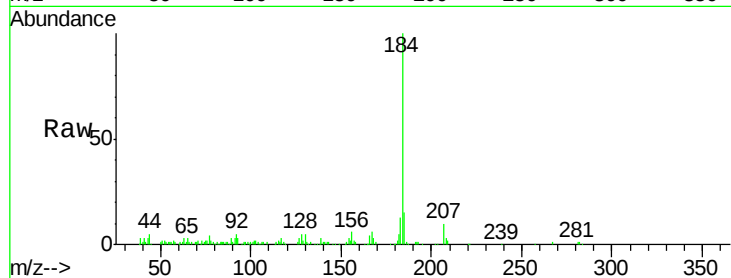
Tot Ion:184 Resp: 89278

Ion Ratio Lower Upper

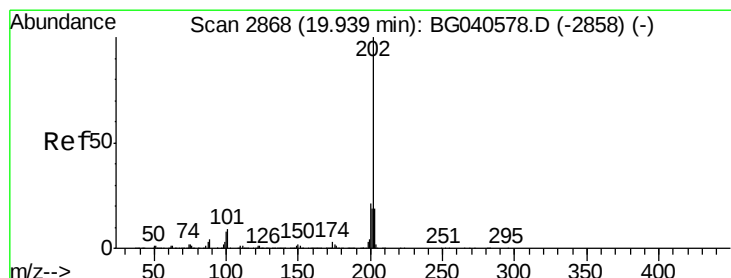
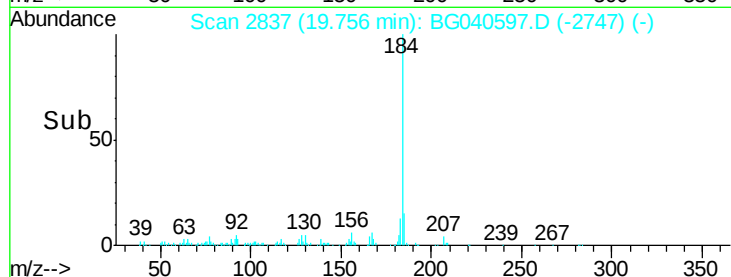
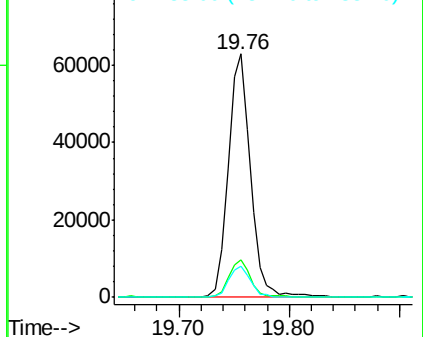
184 100

185 15.2 11.8 17.8

183 12.6 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.323 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

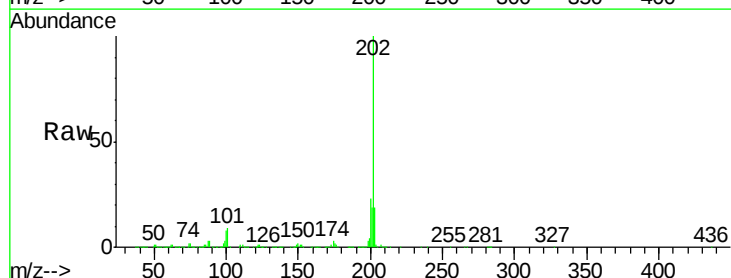
Tgt Ion:202 Resp: 1143303

Ion Ratio Lower Upper

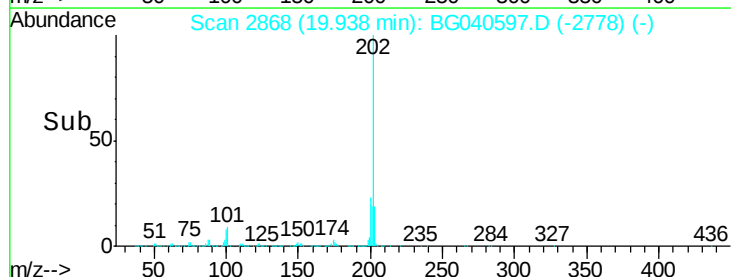
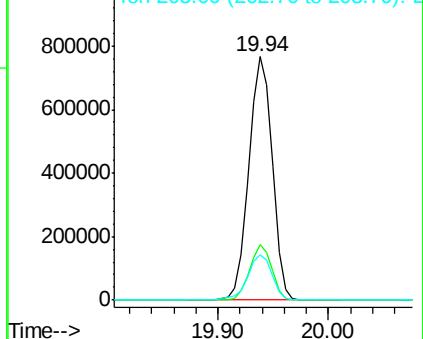
202 100

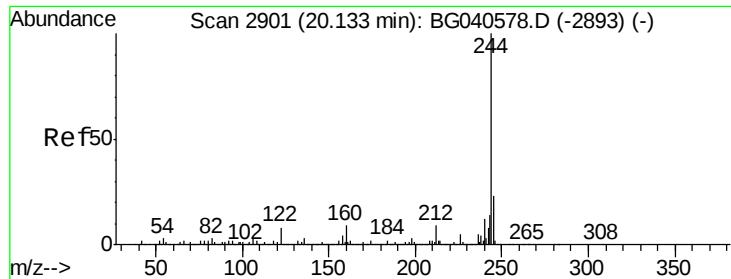
200 22.6 17.2 25.8

203 18.6 15.0 22.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

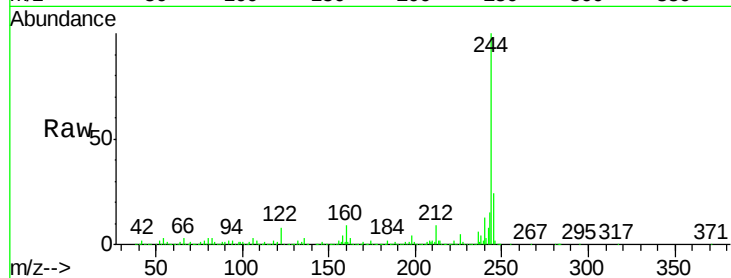




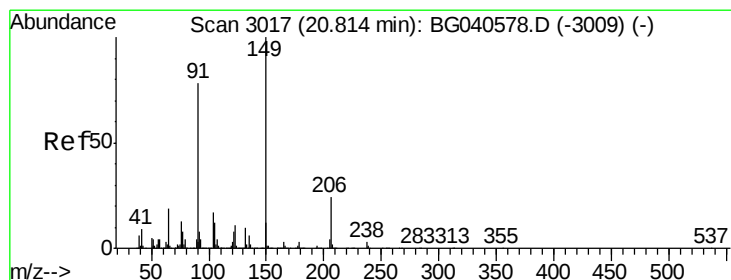
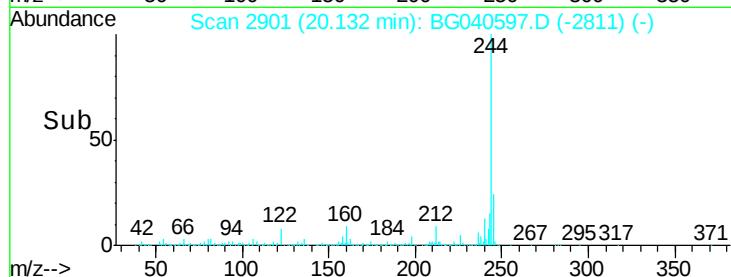
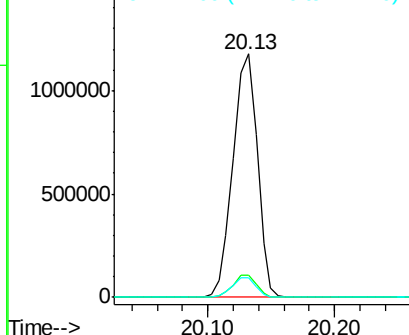
#79
 Terphenyl-d14
 Concen: 99.546 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1566527
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.2 10.8
 122 8.0 6.6 10.0

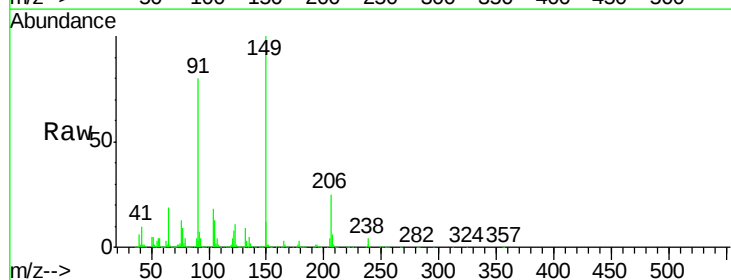


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

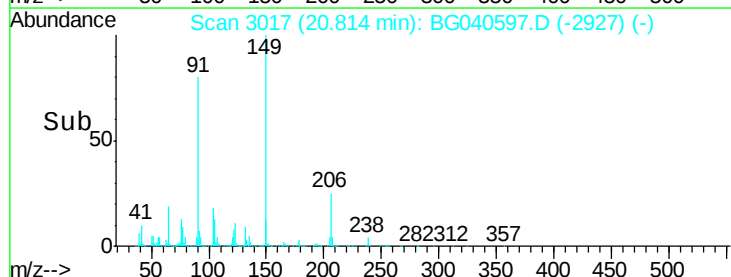
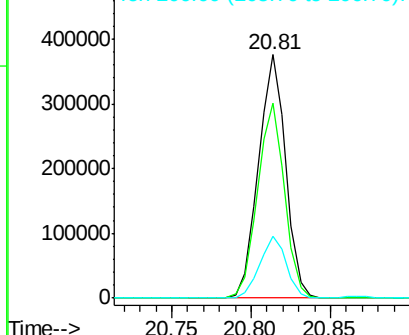


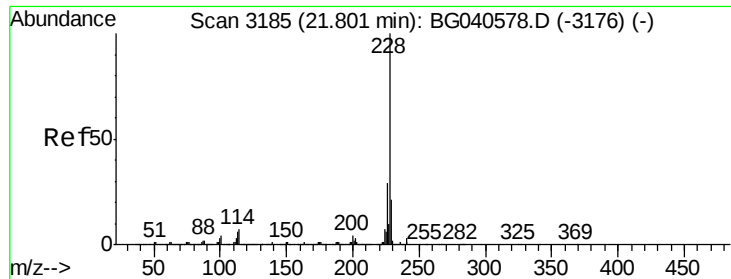
#80
 Butylbenzylphthalate
 Concen: 52.669 ng
 RT: 20.81 min Scan# 3017
 Delta R.T. -0.00 min
 Lab File: BG040597.D
 Acq: 24 Apr 2019 17:17

Tgt Ion:149 Resp: 448548
 Ion Ratio Lower Upper
 149 100
 91 80.3 62.6 93.8
 206 25.2 19.4 29.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.005 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.01 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampleId :

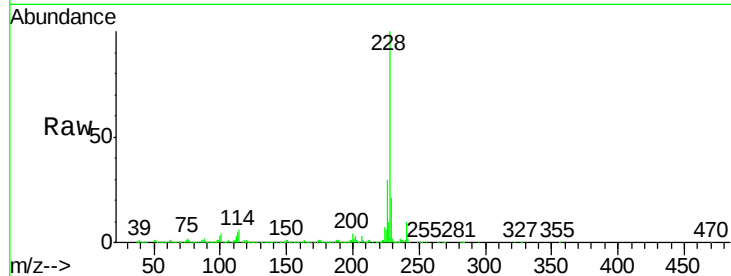
Tot Ion:228 Resp: 1079776

Ion Ratio Lower Upper

228 100

226 29.6 23.1 34.7

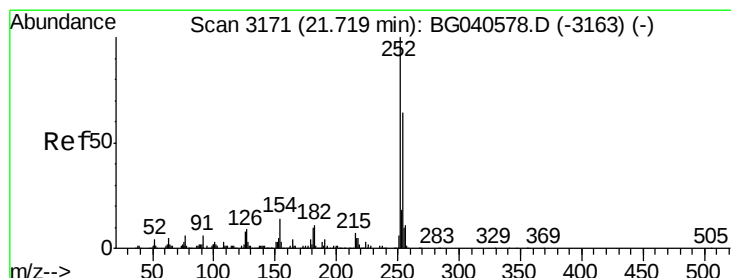
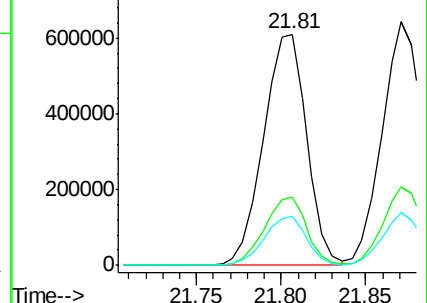
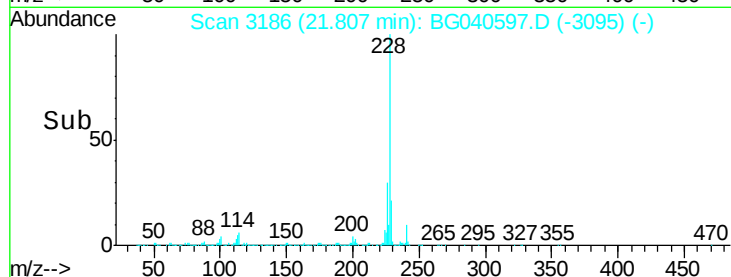
229 21.4 17.0 25.4



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: 17.256 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

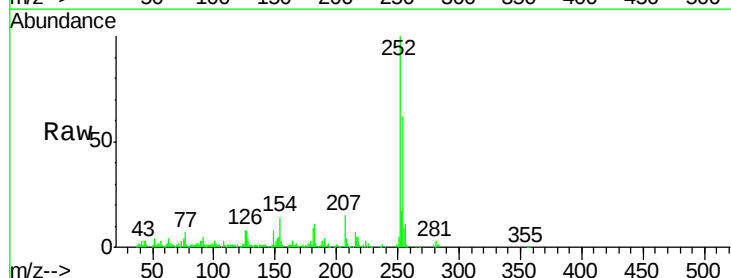
Tgt Ion:252 Resp: 135523

Ion Ratio Lower Upper

252 100

254 61.7 51.2 76.8

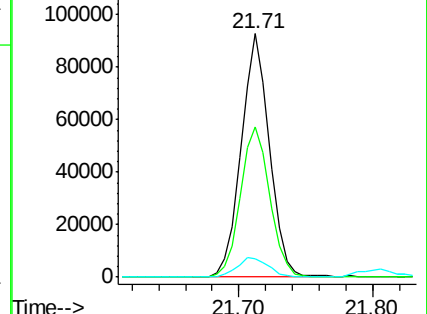
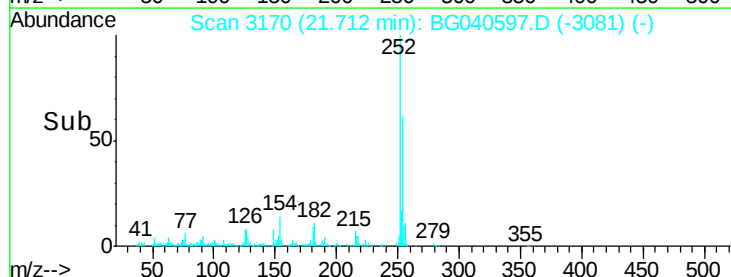
126 7.5 6.6 10.0

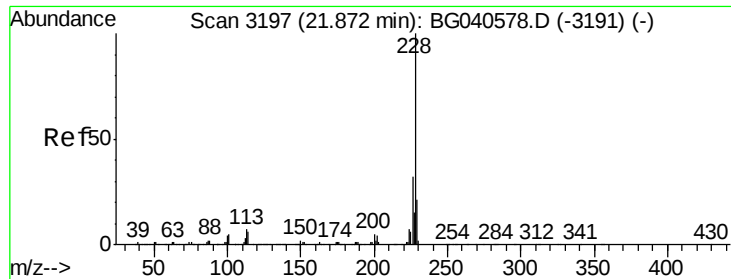


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 51.034 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

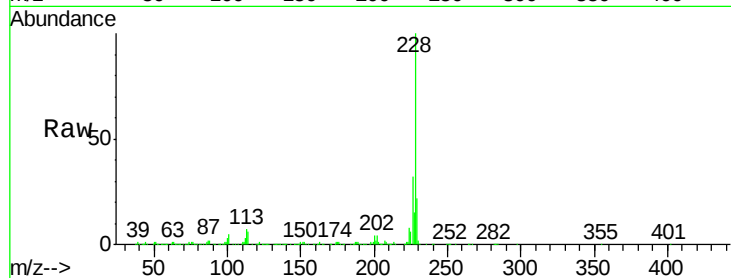
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1069417

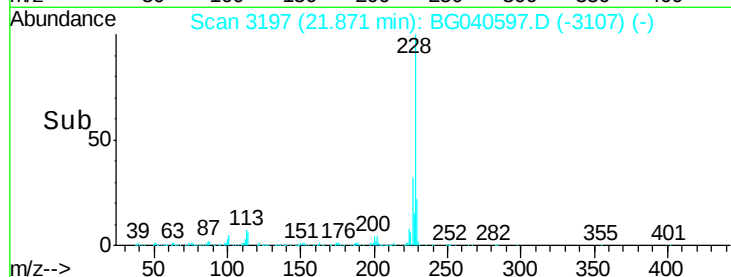
Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.5	38.3
229	21.7	16.8	25.2



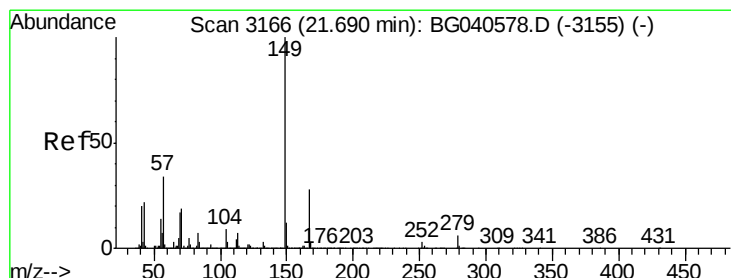
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.752 ng

RT: 21.69 min Scan# 3166

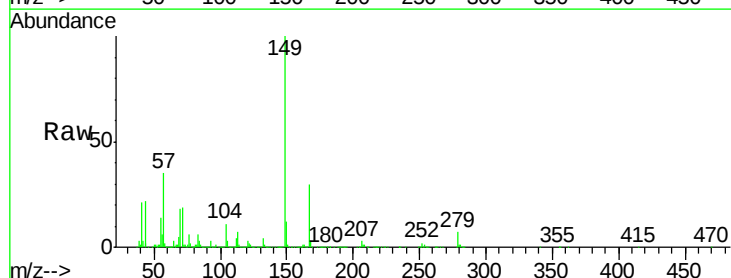
Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Tgt Ion:149 Resp: 623921

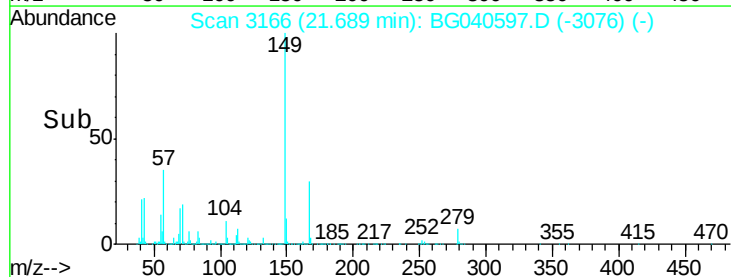
Ion	Ratio	Lower	Upper
149	100		
167	29.7	22.4	33.6
279	6.6	4.6	6.8



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



Time-->



#85

Di-n-octyl phthalate

Concen: 52.545 ng

RT: 22.96 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampleId :

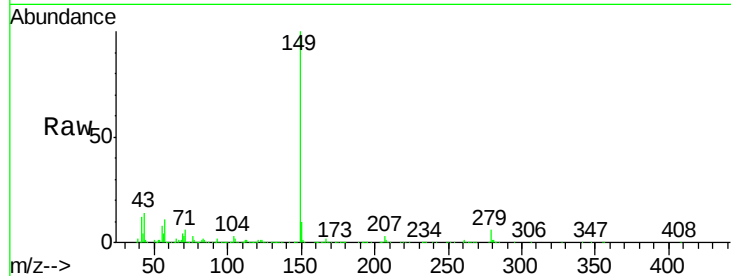
Tot Ion:149 Resp: 1087897

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

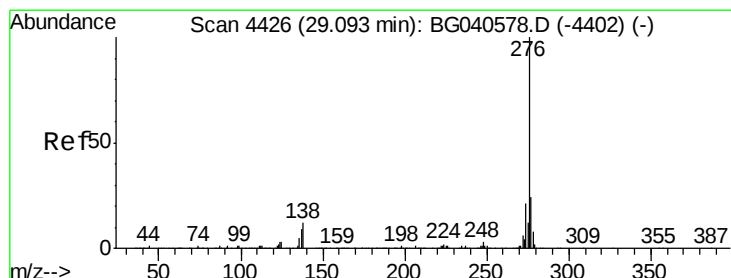
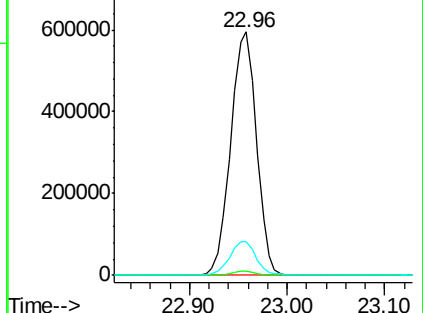
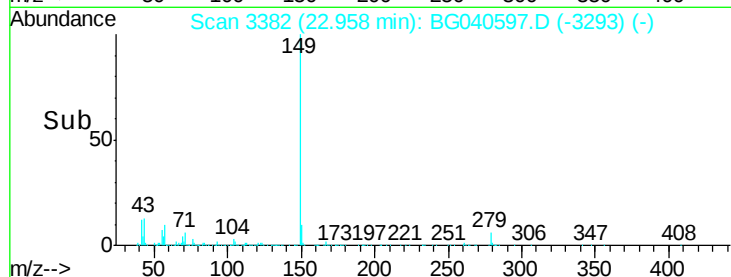
43 13.9 10.2 15.2



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.628 ng

RT: 29.09 min Scan# 4425

Delta R.T. -0.01 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

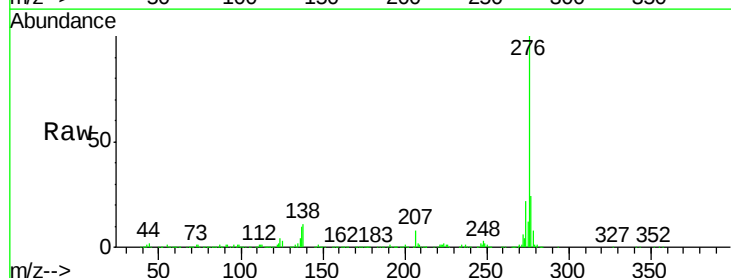
Tgt Ion:276 Resp: 1308005

Ion Ratio Lower Upper

276 100

138 10.0 9.8 14.6

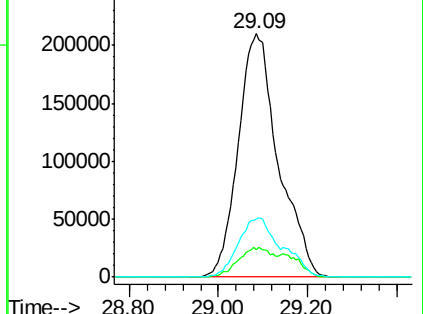
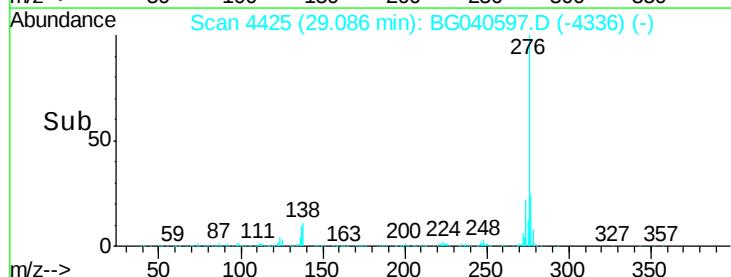
277 26.4 17.3 25.9#



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: 25.20 min Scan# 3763

Delta R.T. -0.01 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

Instrument :

BNA_G

ClientSampleId :

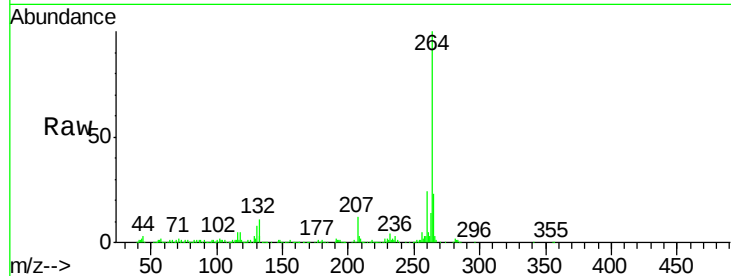
Tot Ion:264 Resp: 381120

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

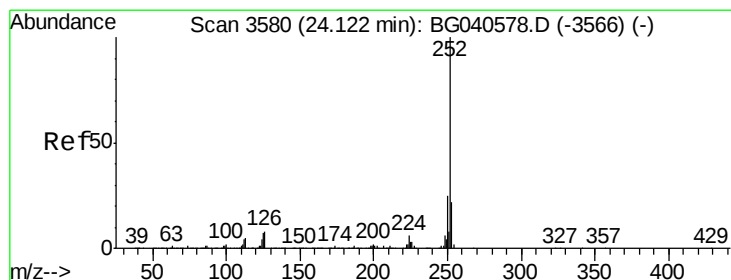
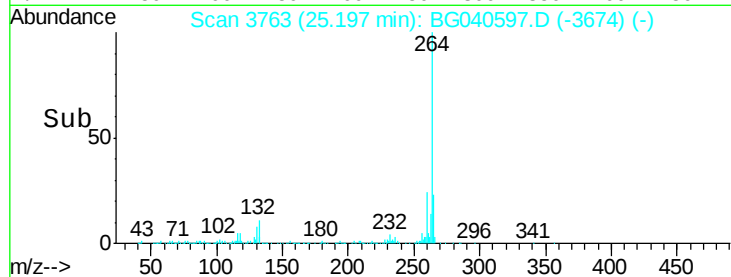
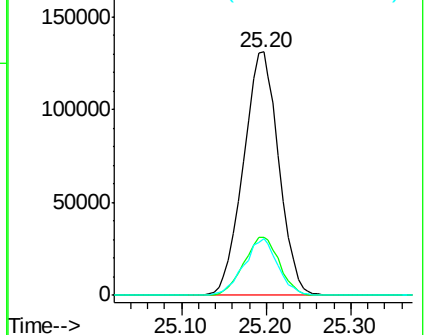
265 23.1 16.6 25.0



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: 48.197 ng

RT: 24.12 min Scan# 3580

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

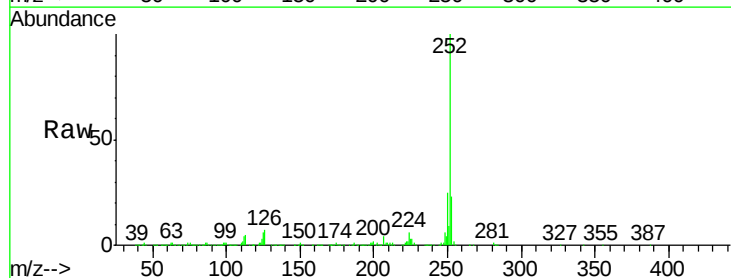
Tgt Ion:252 Resp: 1122502

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

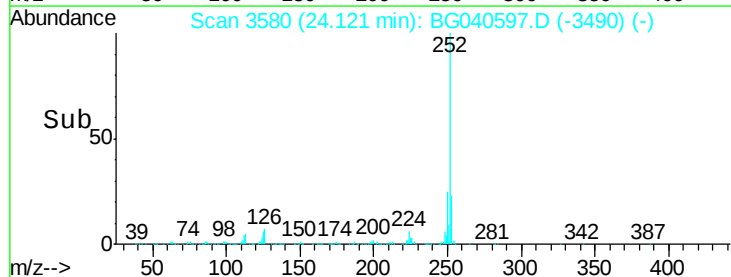
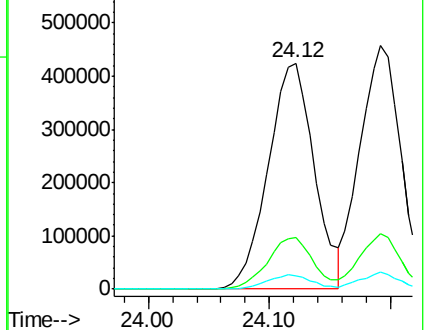
125 5.9 5.4 8.0



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

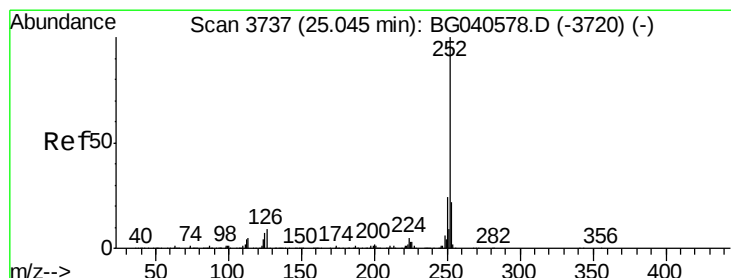
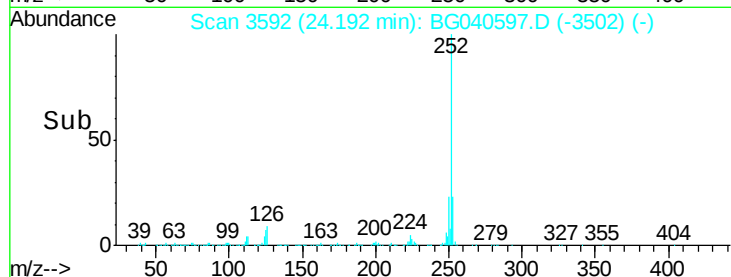
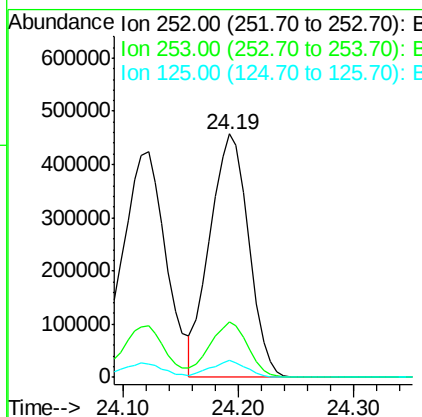
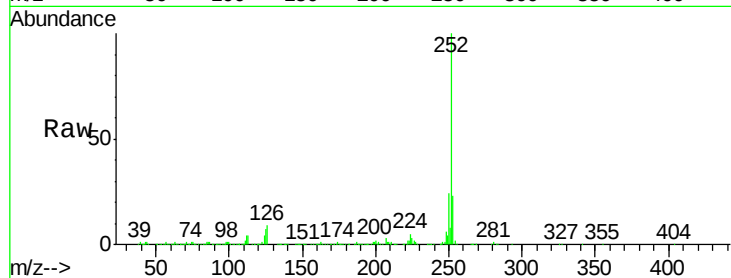




#89
Benzo(k)fluoranthene
Concen: 48.959 ng
RT: 24.19 min Scan# 3592
Delta R.T. -0.00 min
Lab File: BG040597.D
Acq: 24 Apr 2019 17:17

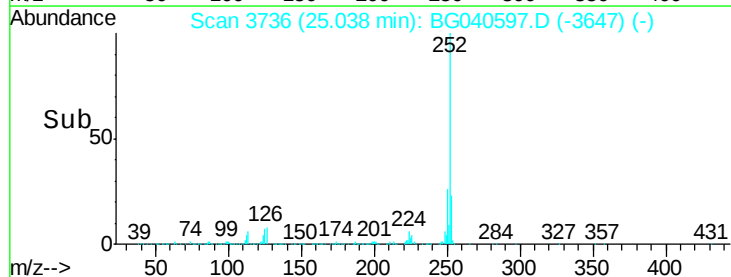
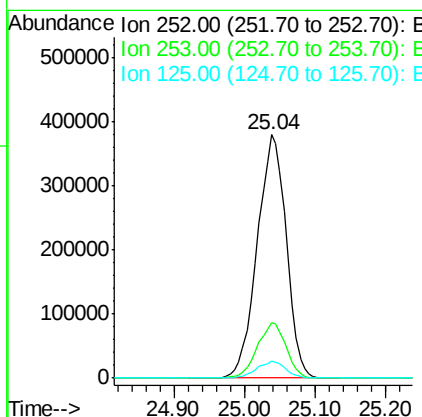
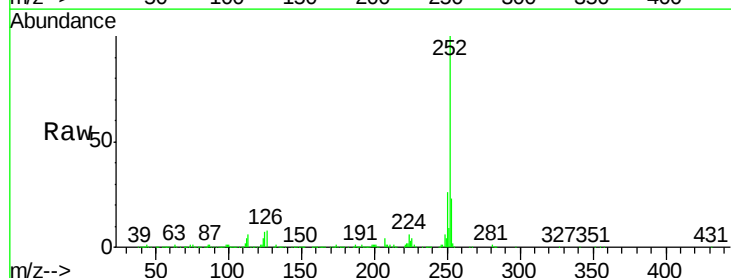
Instrument :
BNA_G
ClientSampleId :

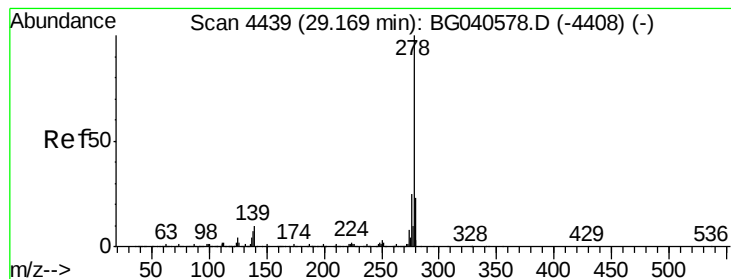
Tot Ion:252 Resp: 1064867
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 6.9 5.5 8.3



#90
Benzo(a)pyrene
Concen: 49.583 ng
RT: 25.04 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG040597.D
Acq: 24 Apr 2019 17:17

Tgt Ion:252 Resp: 1093078
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 7.1 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 48.402 ng

RT: 29.16 min Scan# 4437

Delta R.T. -0.01 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

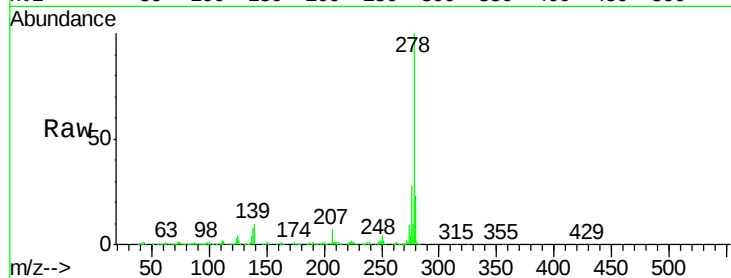
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1079821

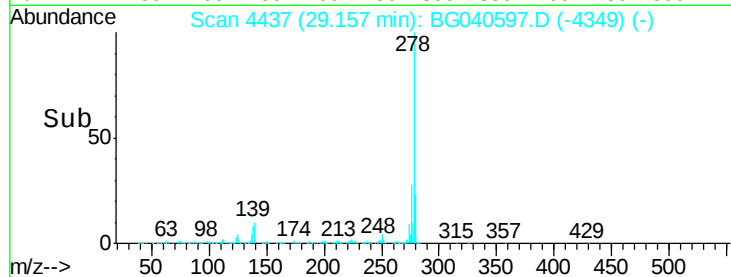
Ion	Ratio	Lower	Upper
278	100		
139	10.0	8.2	12.4
279	23.5	18.5	27.7



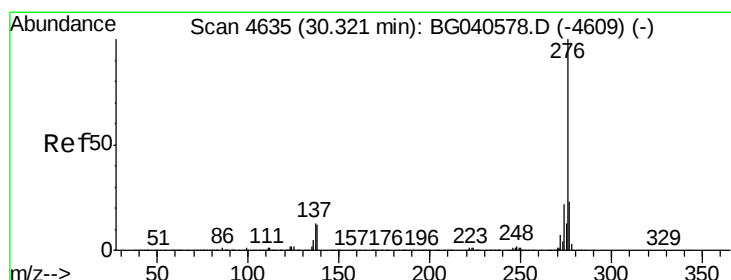
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 48.311 ng

RT: 30.32 min Scan# 4635

Delta R.T. -0.00 min

Lab File: BG040597.D

Acq: 24 Apr 2019 17:17

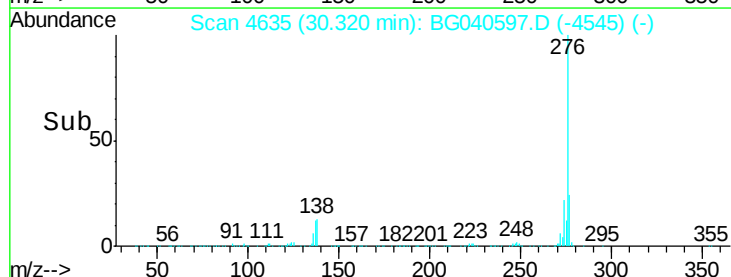
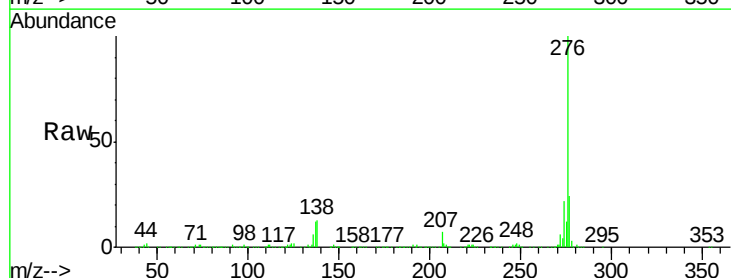
Tgt Ion:276 Resp: 1072665

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.4	27.6
138	12.9	9.8	14.6

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->