

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042419\
 Data File : BG040595.D
 Acq On : 24 Apr 2019 16:01
 Operator : JU/SJ
 Sample : K2522-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 01:00:56 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	51595	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	207293	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	153630	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	398563	20.00	ng	0.00
76) Chrysene-d12	21.82	240	406619	20.00	ng	0.00
87) Perylene-d12	25.20	264	436162	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	95347	32.58	ng	0.00
7) Phenol-d6	7.29	99	113150	25.11	ng	0.00
23) Nitrobenzene-d5	9.33	82	262088	58.42	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	63153	29.91	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	610702	57.41	ng	0.00
79) Terphenyl-d14	20.13	244	1205216	65.66	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.55	88	230	0.173	ng	# 1
3) Pyridine	3.97	79	300	0.078	ng	# 1
4) n-Nitrosodimethylamine	3.87	42	269	0.126	ng	# 1
6) Aniline	7.48	93	704	0.118	ng	# 45
8) 2-Chlorophenol	7.69	128	67	0.019	ng	# 1
9) Benzaldehyde	7.29	77	770	Below Cal		# 6
10) Phenol	7.32	94	2783	0.574	ng	# 89
11) bis(2-Chloroethyl)ether	7.58	93	144	0.040	ng	# 1
12) 1,3-Dichlorobenzene	7.95	146	56	0.014	ng	# 25
13) 1,4-Dichlorobenzene	7.95	146	56	0.014	ng	# 24
14) 1,2-Dichlorobenzene	8.57	146	57	0.015	ng	# 23
15) Benzyl Alcohol	8.39	79	474	0.101	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	8.74	45	104	0.014	ng	# 72
17) 2-Methylphenol	8.58	107	75	0.022	ng	# 28
18) Hexachloroethane	9.26	117	59	0.036	ng	# 1
19) n-Nitroso-di-n-propylamine	8.72	70	2027	0.500	ng	# 66
20) 3+4-Methylphenols	8.85	107	102	0.021	ng	# 20
22) Acetophenone	8.99	105	472	0.082	ng	# 37
24) Nitrobenzene	9.37	77	106	0.022	ng	# 7
25) Isophorone	9.91	82	396	0.040	ng	# 30
26) 2-Nitrophenol	10.38	139	96	0.056	ng	# 8
27) 2,4-Dimethylphenol	10.27	122	56	0.017	ng	# 1
28) bis(2-Chloroethoxy)methane	10.36	93	287	0.057	ng	# 1
29) 2,4-Dichlorophenol	10.31	162	59	0.016	ng	# 28
30) 1,2,4-Trichlorobenzene	10.88	180	61	0.015	ng	# 13
31) Naphthalene	11.03	128	1173	0.107	ng	# 68
32) Benzoic acid	10.27	122	56	0.025	ng	# 36
33) 4-Chloroaniline	11.13	127	71	0.015	ng	# 45
34) Hexachlorobutadiene	10.97	225	99	0.033	ng	# 19
35) Caprolactam	11.97	113	2761	1.911	ng	# 1
36) 4-Chloro-3-methylphenol	12.24	107	517	0.112	ng	# 25
37) 2-Methylnaphthalene	12.62	142	1720	0.209	ng	# 68
38) 1-Methylnaphthalene	12.85	142	1197	0.149	ng	# 66
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	56	0.010	ng	# 1

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042419\
 Data File : BG040595.D
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 Sample : K2522-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

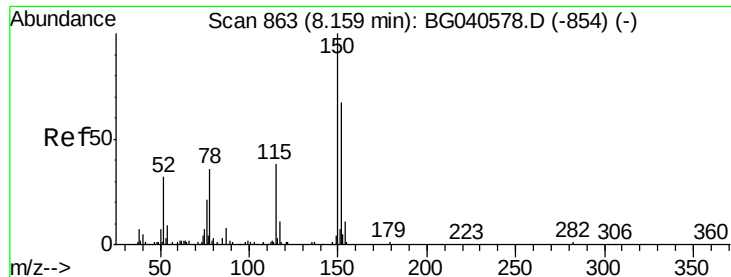
Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 01:00:56 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)

43) 2,4,6-Trichlorophenol	13.32	196	66	0.019	ng	# 13
44) 2,4,5-Trichlorophenol	13.32	196	66	0.018	ng	# 1
46) 1,1'-Biphenyl	13.62	154	1310	0.110	ng	# 66
47) 2-Chloronaphthalene	13.46	162	71	0.008	ng	# 37
48) 2-Nitroaniline	13.92	65	231	0.070	ng	# 43
49) Acenaphthylene	14.51	152	698	0.044	ng	# 73
50) Dimethylphthalate	14.23	163	163388	12.711	ng	# 98
51) 2,6-Dinitrotoluene	14.23	165	1781	0.710	ng	# 1
52) Acenaphthene	14.85	154	4027	0.437	ng	# 95
53) 3-Nitroaniline	14.69	138	58	0.023	ng	# 1
54) 2,4-Dinitrophenol	14.98	184	55	7.050	ng	# 21
55) Dibenzofuran	15.18	168	909	0.060	ng	# 55
56) 4-Nitrophenol	15.11	139	59	0.026	ng	# 33
57) 2,4-Dinitrotoluene	14.79	165	19906	5.839	ng	# 16
58) Fluorene	15.83	166	3350	0.274	ng	# 84
60) Diethylphthalate	15.58	149	1637	0.121	ng	# 69
61) 4-Chlorophenyl-phenylether	15.91	204	66	0.009	ng	# 29
62) 4-Nitroaniline	15.84	138	69	0.024	ng	# 1
63) Azobenzene	16.10	77	87	0.006	ng	# 50
65) 4,6-Dinitro-2-methylphenol	16.03	198	55	7.125	ng	# 28
66) n-Nitrosodiphenylamine	16.03	169	1099	0.094	ng	# 86
67) 4-Bromophenyl-phenylether	16.27	248	4552	0.917	ng	# 1
68) Hexachlorobenzene	16.85	284	55	0.011	ng	# 42
70) Pentachlorophenol	17.45	266	60	0.020	ng	# 18
71) Phenanthrene	17.57	178	6146	0.286	ng	# 97
72) Anthracene	17.57	178	6146	0.285	ng	# 97
73) Carbazole	17.92	167	849	0.043	ng	# 58
74) Di-n-butylphthalate	18.48	149	2710	0.114	ng	# 83
75) Fluoranthene	19.57	202	6010	0.225	ng	# 90
77) Benzidine	20.13	184	23532	2.114	ng	# 96
78) Pyrene	19.94	202	5281	0.207	ng	# 86
80) Butylbenzylphthalate	21.05	149	180	0.018	ng	# 92
81) Benzo(a)anthracene	21.80	228	1871	0.073	ng	# 89
82) 3,3'-Dichlorobenzidine	21.72	252	451	0.049	ng	# 65
83) Chrysene	21.80	228	1871	0.077	ng	# 93
84) Bis(2-ethylhexyl)phthalate	21.69	149	3186	0.222	ng	# 96
85) Di-n-octyl phthalate	22.96	149	622	0.026	ng	# 29
86) Indeno(1,2,3-cd)pyrene	29.11	276	206	0.007	ng	# 77
88) Benzo(b)fluoranthene	24.12	252	1401	0.053	ng	# 38
89) Benzo(k)fluoranthene	24.17	252	232	0.009	ng	# 32
90) Benzo(a)pyrene	25.03	252	1937	0.077	ng	# 1
91) Dibenzo(a,h)anthracene	29.17	278	77	0.003	ng	# 16
92) Benzo(g,h,i)perylene	30.31	276	218	0.009	ng	# 58

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

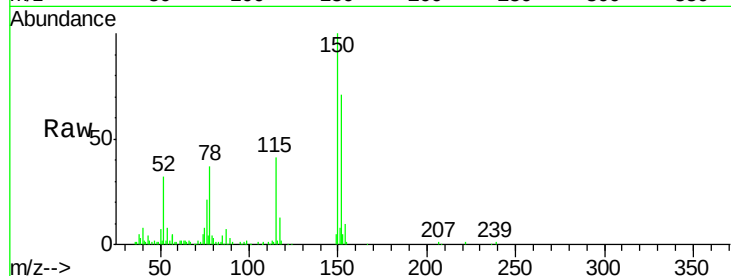


#1

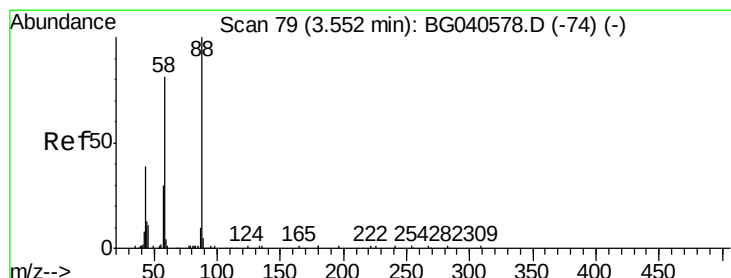
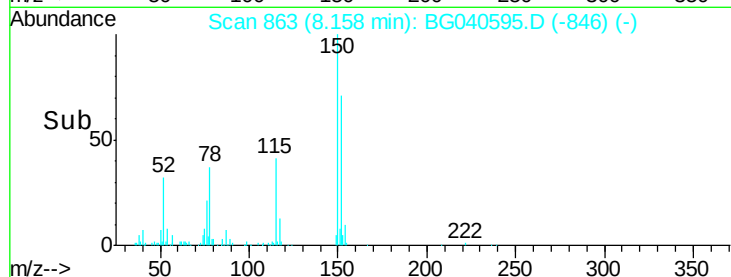
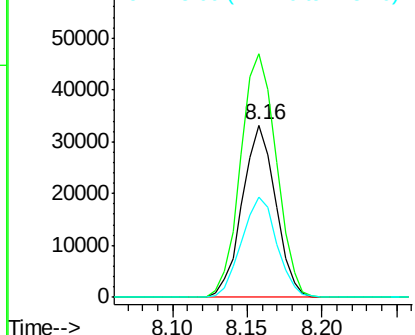
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.1	120.2	180.2
115	57.9	46.2	69.2



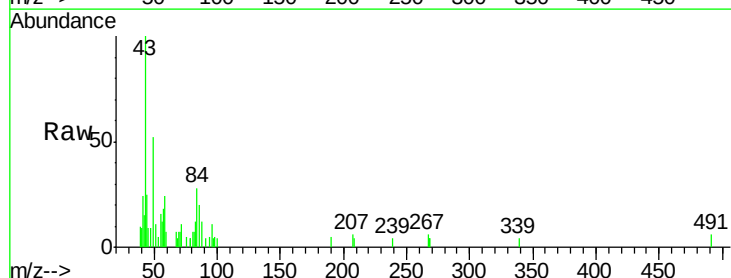
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



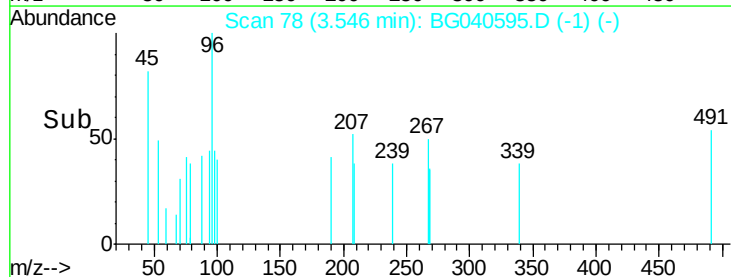
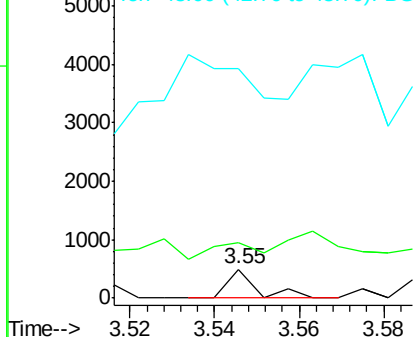
#2

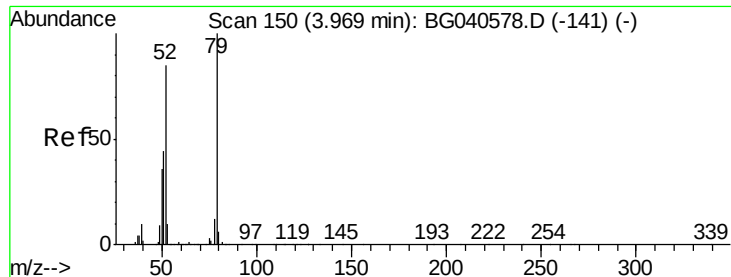
1,4-Dioxane
Concen: 0.173 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	71.2	106.8#
43	898.3	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: 0.078 ng

RT: 3.97 min Scan# 150

Delta R.T. -0.00 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampleId :

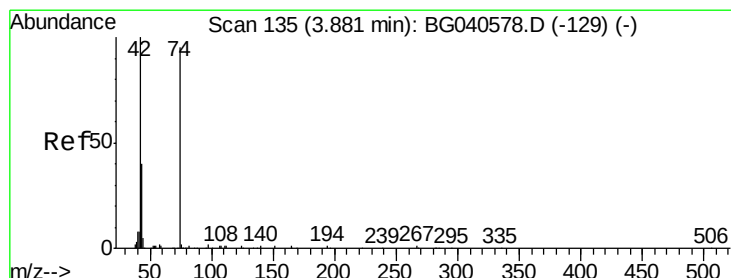
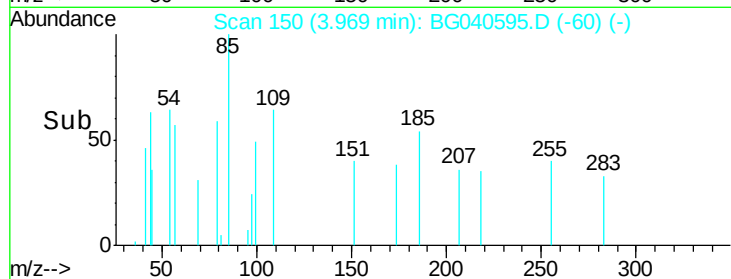
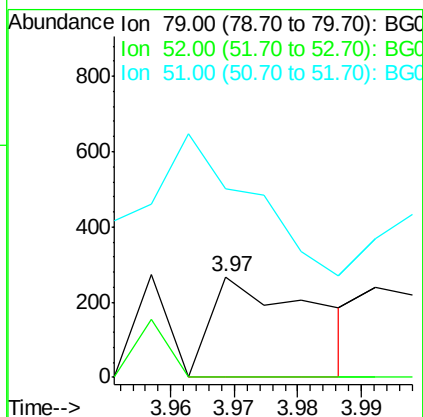
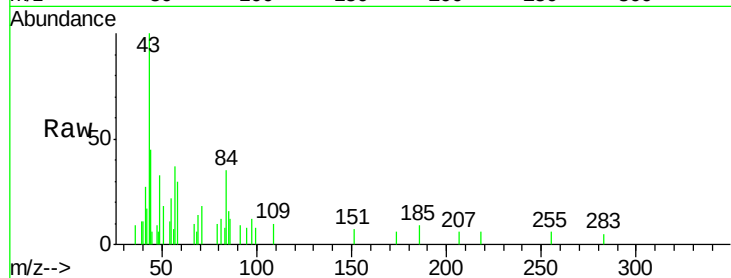
Tot Ion: 79 Resp: 300

Ion Ratio Lower Upper

79 100

52 0.0 67.5 101.3#

51 187.3 35.6 53.4#



#4

n-Nitrosodimethylamine

Concen: 0.126 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

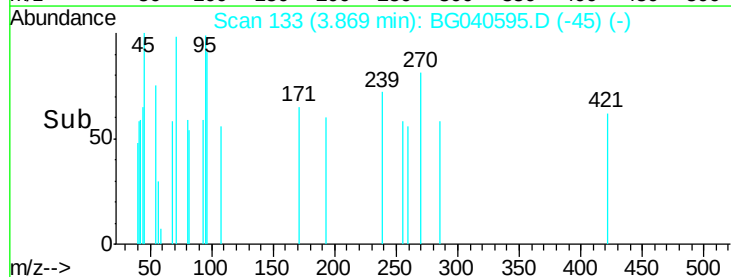
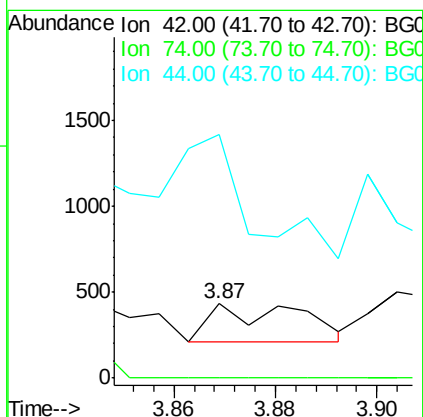
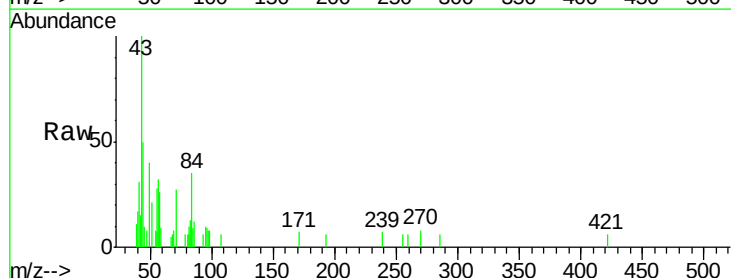
Tgt Ion: 42 Resp: 269

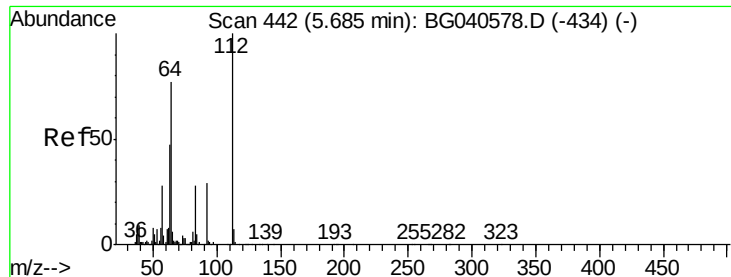
Ion Ratio Lower Upper

42 100

74 0.0 74.6 111.8#

44 328.2 7.4 11.0#





#5

2-Fluorophenol

Concen: 32.576 ng

RT: 5.68 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampleId :

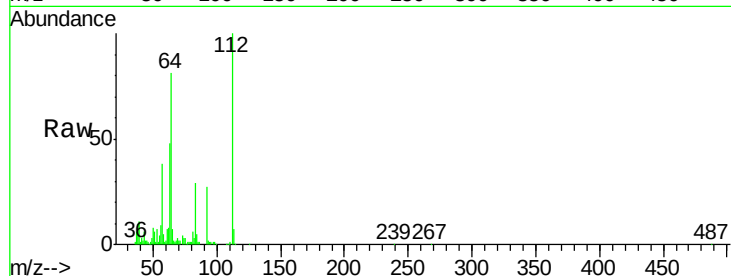
Tot Ion:112 Resp: 95347

Ion Ratio Lower Upper

112 100

64 80.6 61.4 92.0

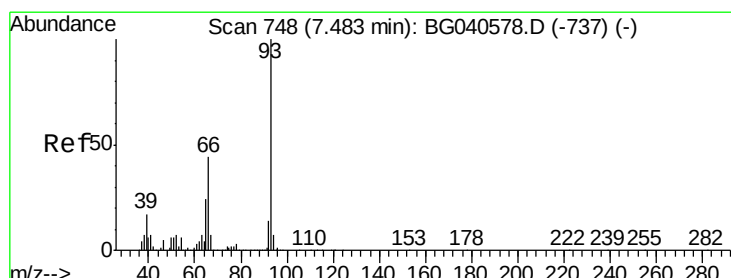
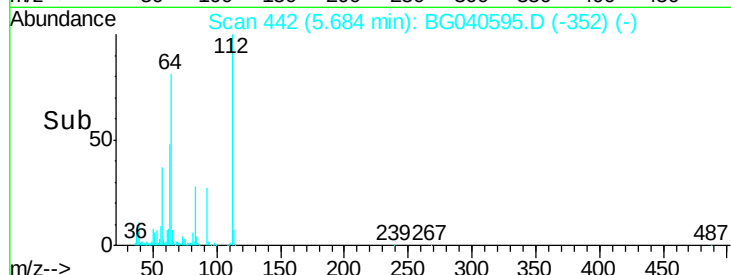
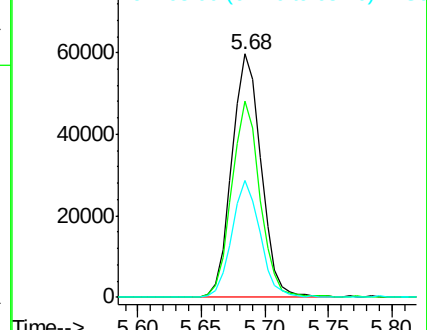
63 47.9 37.8 56.6



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: 0.118 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

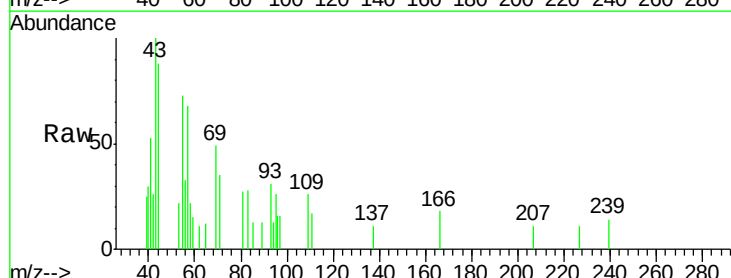
Tgt Ion: 93 Resp: 704

Ion Ratio Lower Upper

93 100

66 0.0 35.5 53.3#

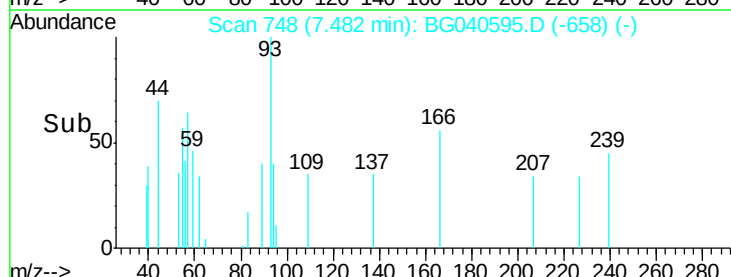
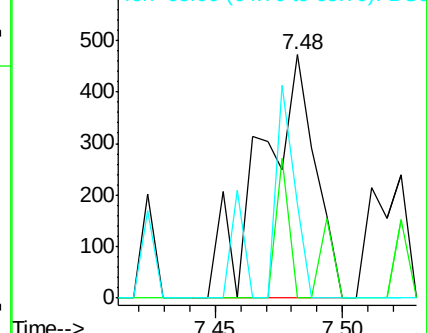
65 38.8 19.2 28.8#

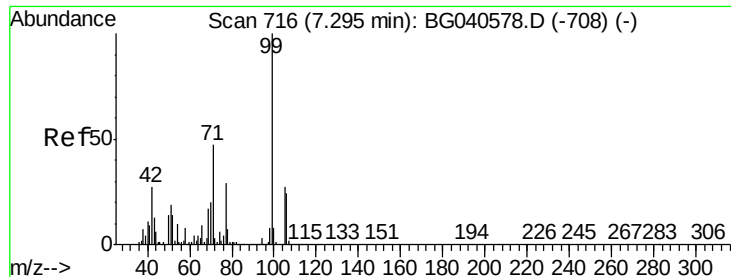


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 25.107 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampled :

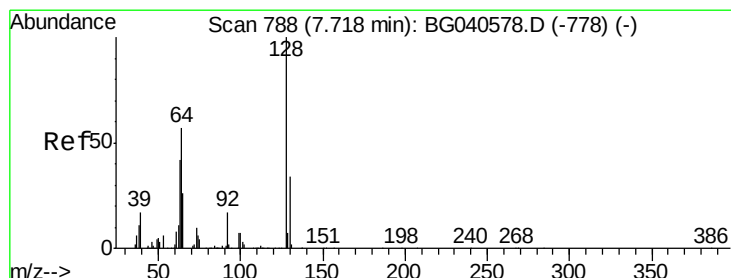
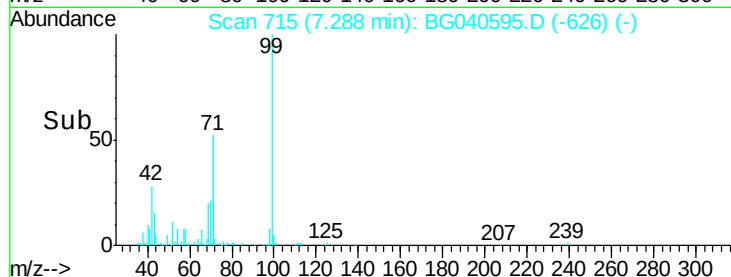
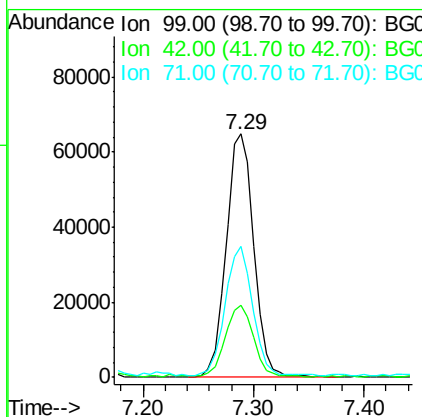
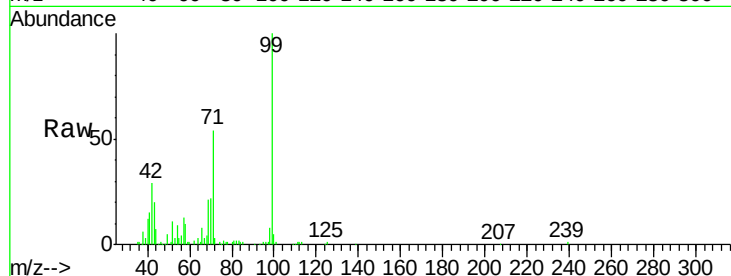
Tot Ion: 99 Resp: 113150

Ion Ratio Lower Upper

99 100

42 29.5 21.8 32.8

71 53.7 38.6 57.8



#8

2-Chlorophenol

Concen: 0.019 ng

RT: 7.69 min Scan# 783

Delta R.T. -0.03 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

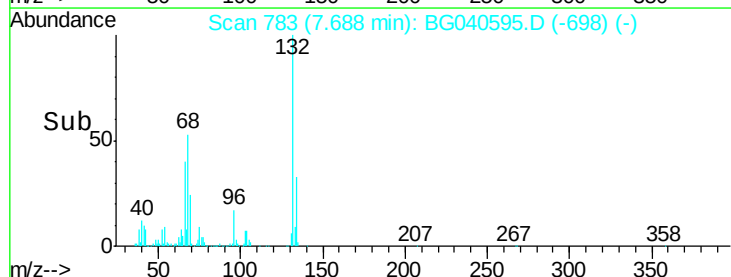
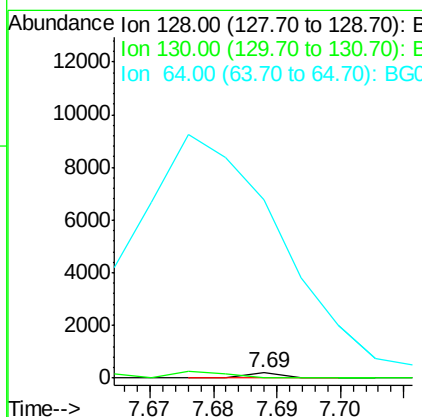
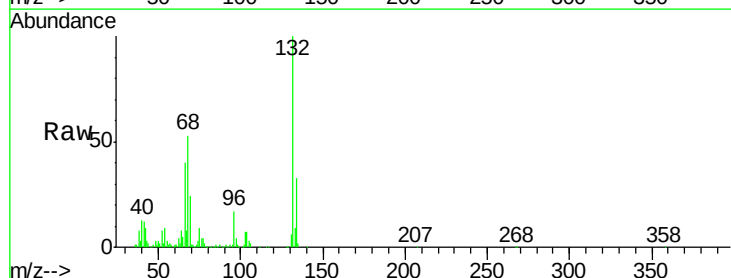
Tgt Ion: 128 Resp: 67

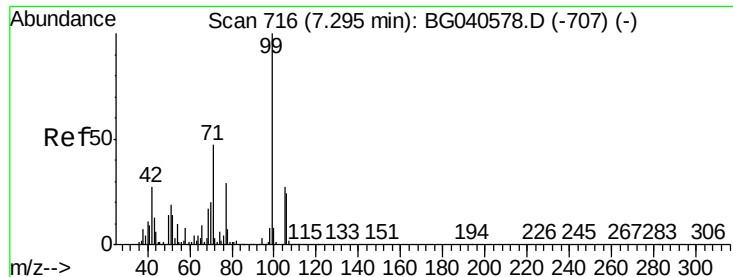
Ion Ratio Lower Upper

128 100

130 0.0 14.5 54.5#

64 3553.2 38.4 78.4#





#9

Benzaldehyde

Concen: Below Cal

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampled :

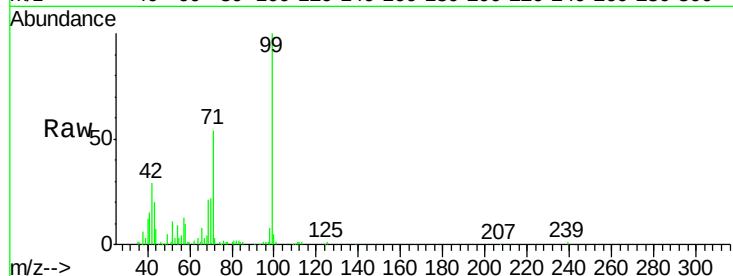
Tot Ion: 77 Resp: 770

Ion Ratio Lower Upper

77 100

105 0.0 72.0 112.0#

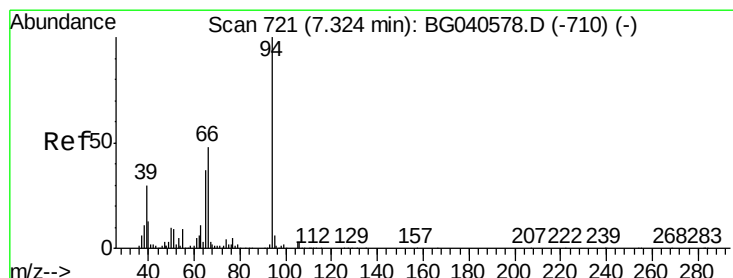
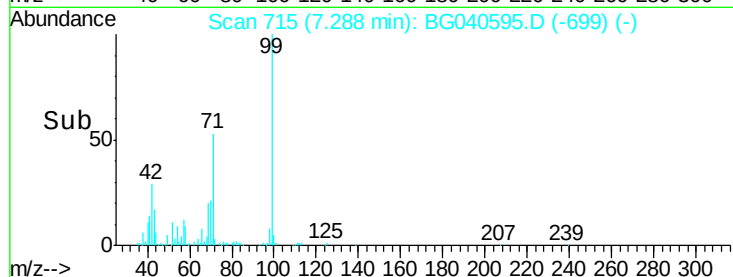
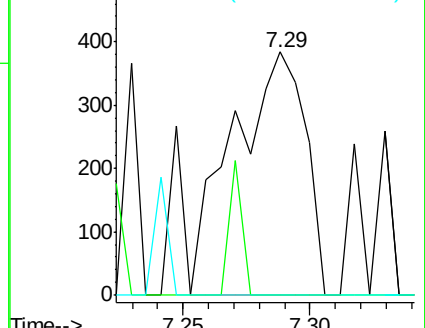
106 0.0 61.2 101.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 0.574 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

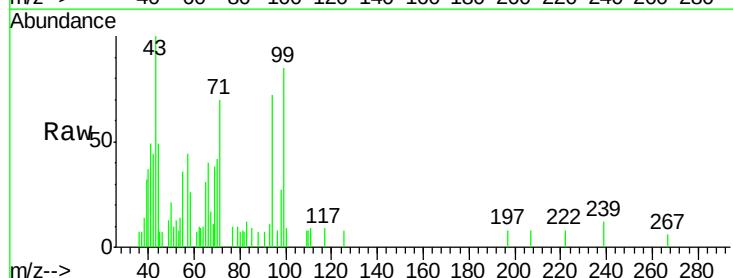
Tgt Ion: 94 Resp: 2783

Ion Ratio Lower Upper

94 100

65 43.2 17.0 57.0

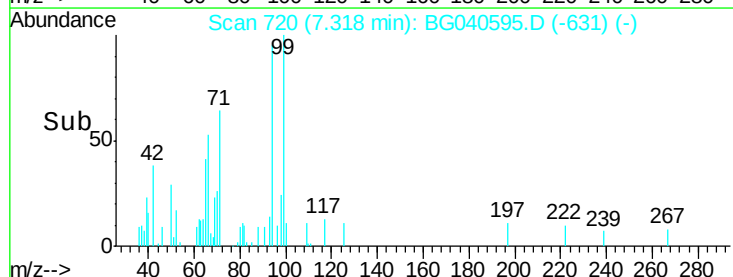
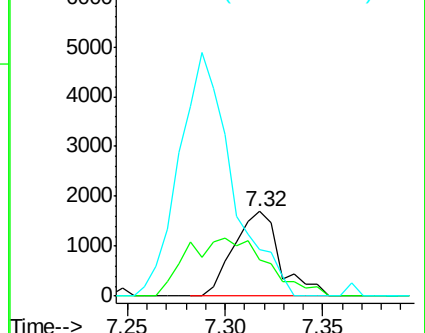
66 55.8 28.6 68.6

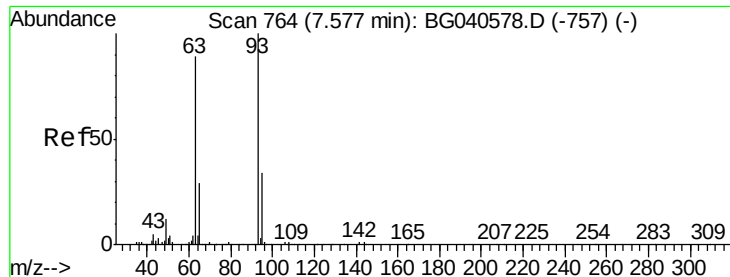


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

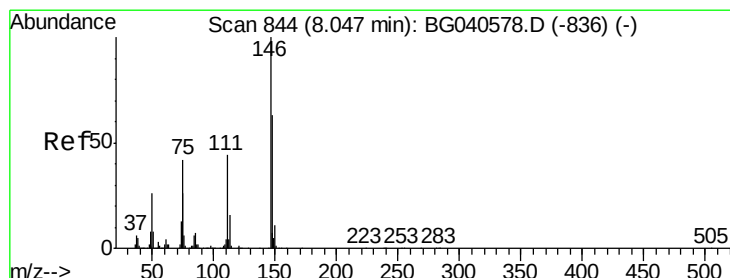
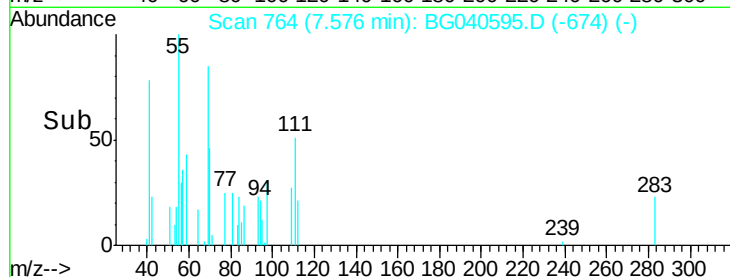
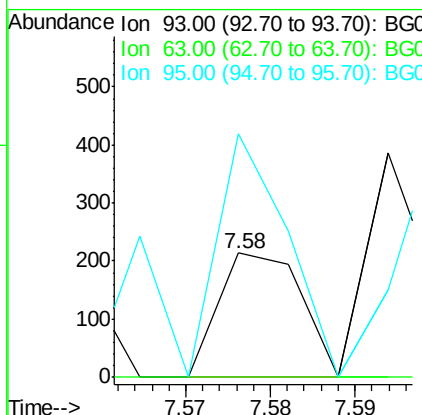
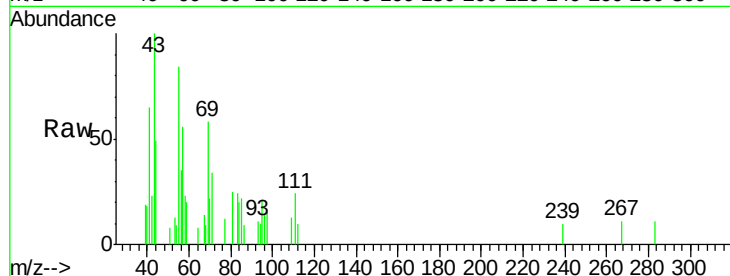




#11
bis(2-Chloroethyl)ether
Concen: 0.040 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.00 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

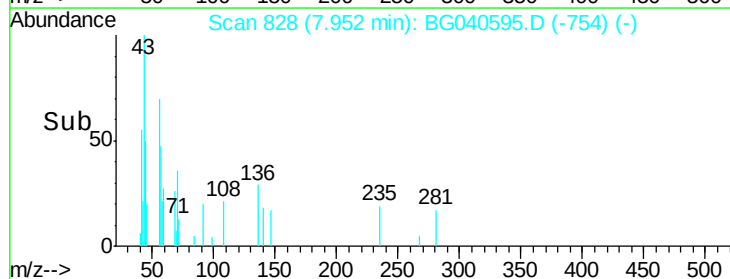
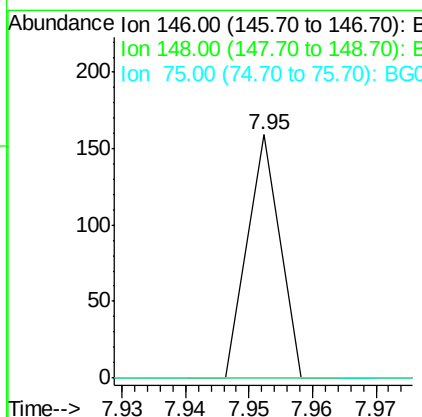
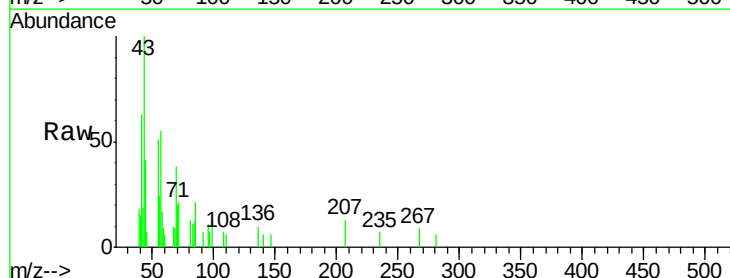
Instrument :
BNA_G
ClientSampled :

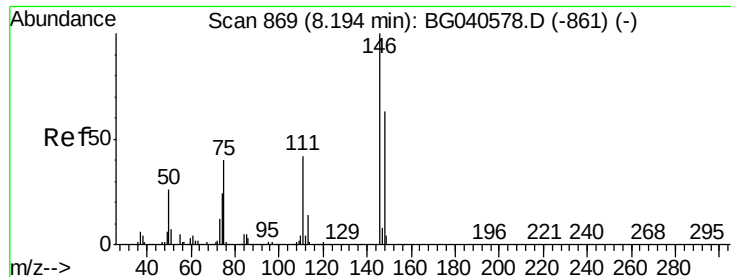
Tot Ion: 93 Resp: 144
Ion Ratio Lower Upper
93 100
63 0.0 68.2 108.2#
95 195.8 14.3 54.3#



#12
1,3-Dichlorobenzene
Concen: 0.014 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.09 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

Tgt Ion: 146 Resp: 56
Ion Ratio Lower Upper
146 100
148 0.0 50.7 76.1#
75 0.0 33.4 50.2#

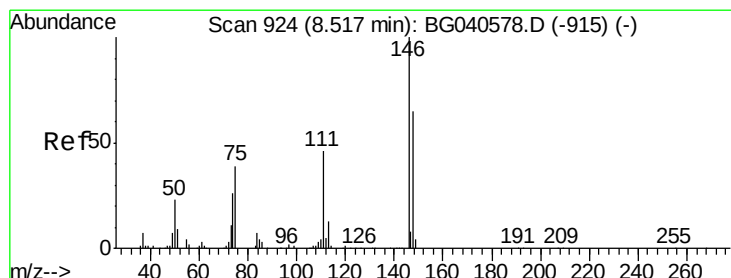
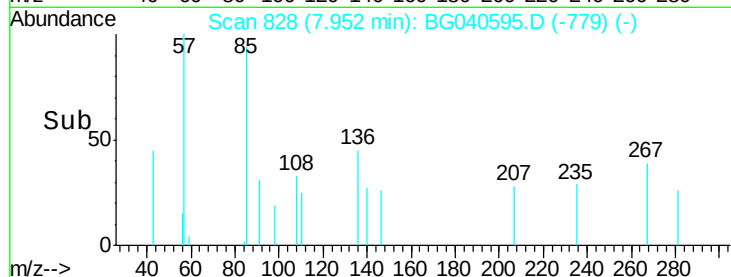
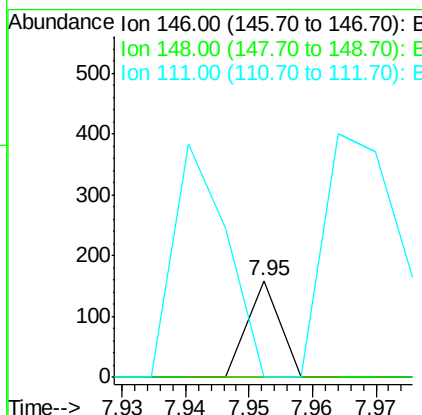
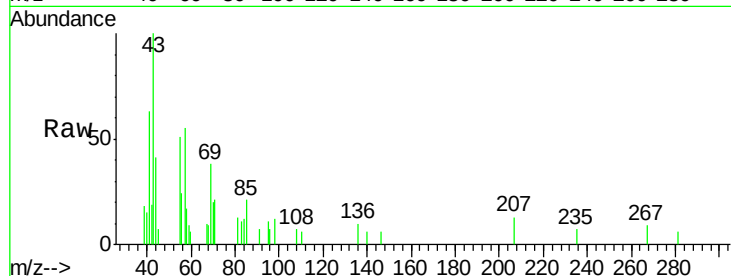




#13
 1,4-Dichlorobenzene
 Concen: 0.014 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.24 min
 Lab File: BG040595.D
 Acq: 24 Apr 2019 16:01

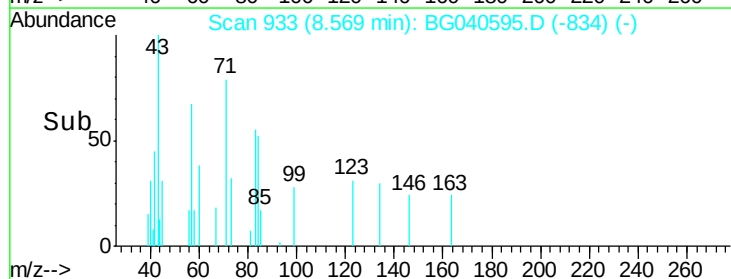
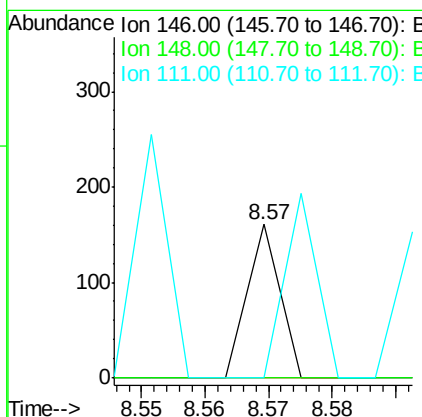
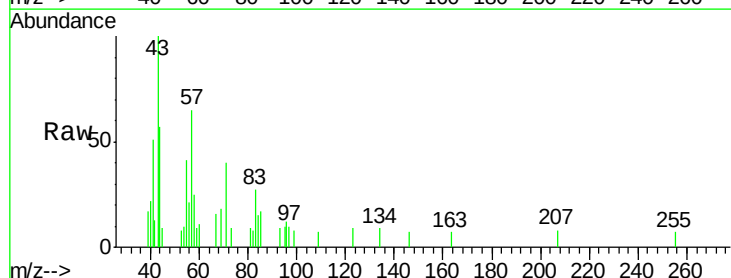
Instrument :
 BNA_G
 ClientSampleId :

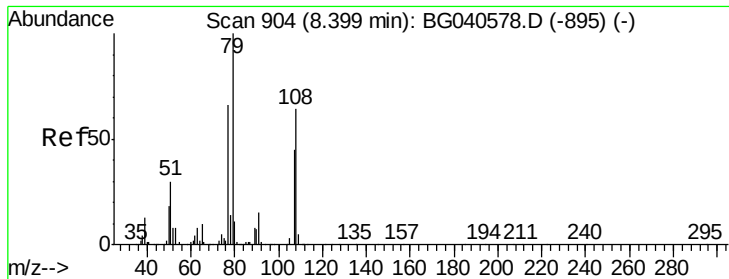
Tot Ion:146 Resp: 56
 Ion Ratio Lower Upper
 146 100
 148 0.0 50.6 75.8#
 111 0.0 34.3 51.5#



#14
 1,2-Dichlorobenzene
 Concen: 0.015 ng
 RT: 8.57 min Scan# 933
 Delta R.T. 0.05 min
 Lab File: BG040595.D
 Acq: 24 Apr 2019 16:01

Tgt Ion:146 Resp: 57
 Ion Ratio Lower Upper
 146 100
 148 0.0 52.2 78.4#
 111 0.0 37.4 56.0#





#15

Benzyl Alcohol

Concen: 0.101 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampled :

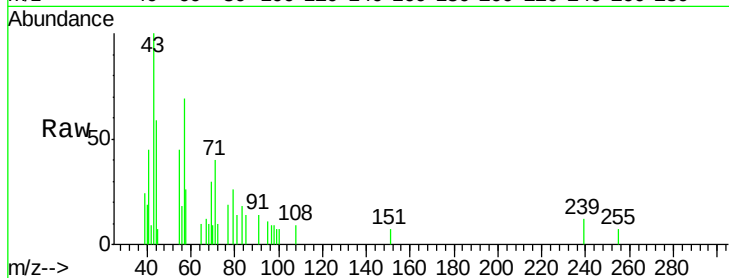
Tot Ion: 79 Resp: 474

Ion Ratio Lower Upper

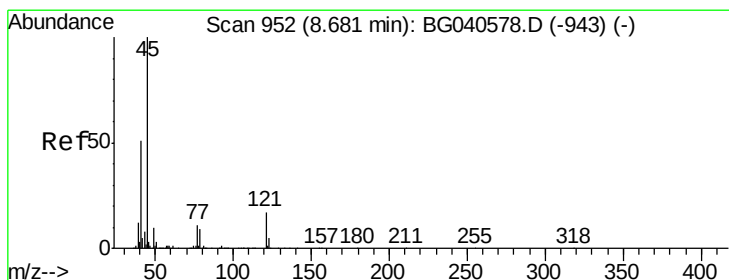
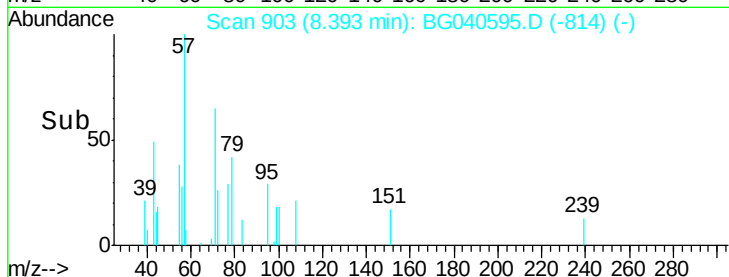
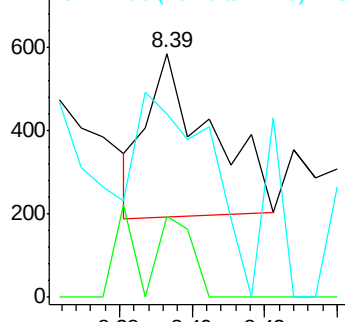
79 100

108 33.1 51.4 77.0#

77 75.3 52.6 79.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.014 ng

RT: 8.74 min Scan# 962

Delta R.T. 0.06 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

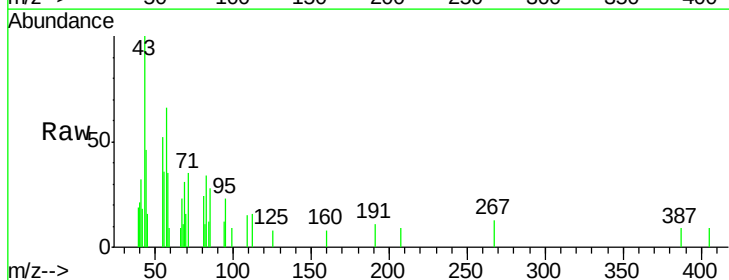
Tgt Ion: 45 Resp: 104

Ion Ratio Lower Upper

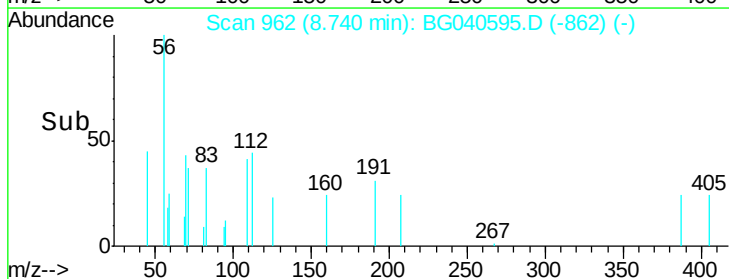
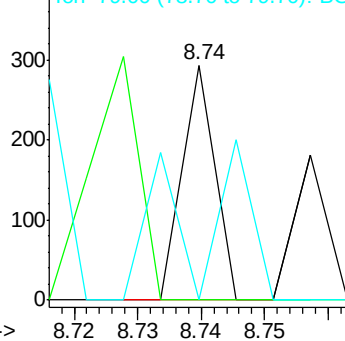
45 100

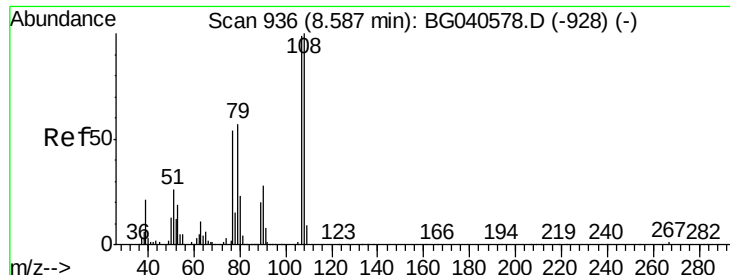
77 0.0 0.0 31.5

79 0.0 0.0 29.4



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 0.022 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040595.D

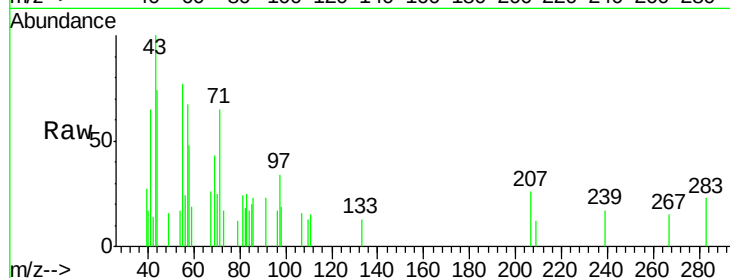
Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	75
Ion	Ratio	Lower	Upper
107	100		
108	0.0	81.2	121.8#
77	0.0	44.4	66.6#
79	72.8	47.0	70.4#



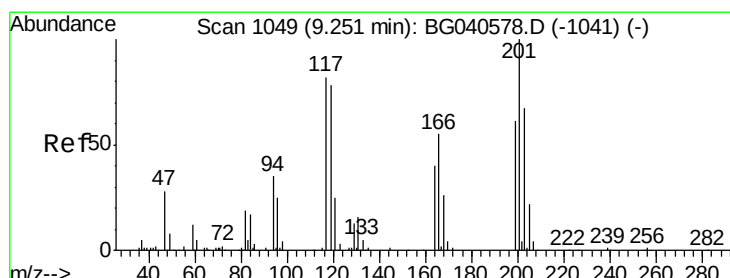
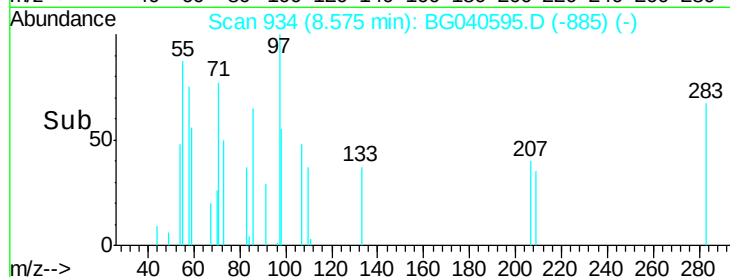
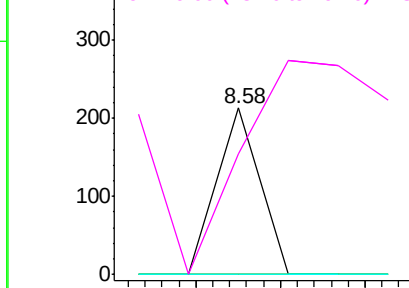
Abundance

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: 0.036 ng

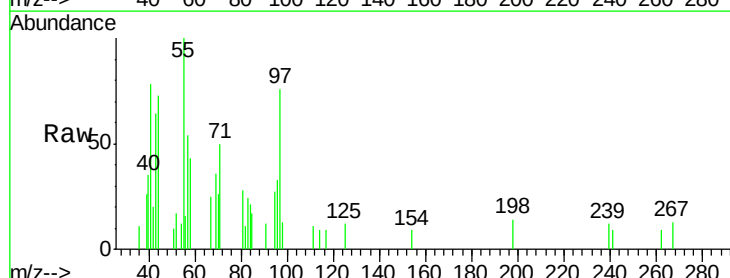
RT: 9.26 min Scan# 1050

Delta R.T. 0.01 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Tgt Ion:	117	Resp:	59
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.6	114.8#
201	0.0	101.0	151.6#

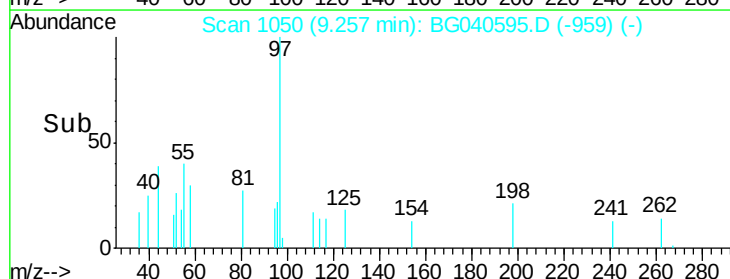
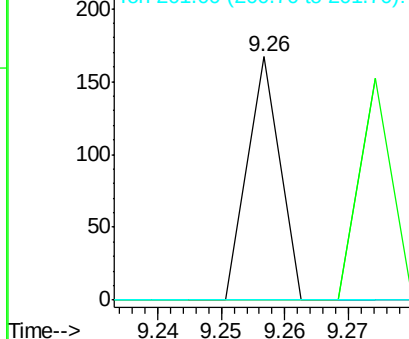


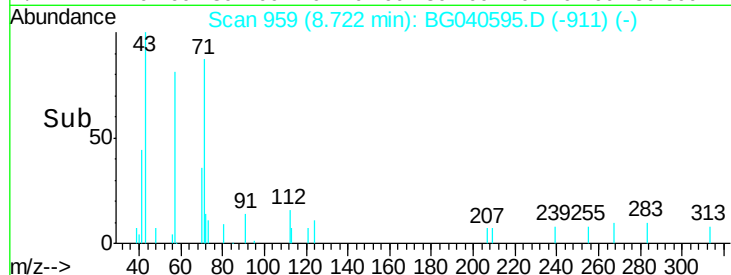
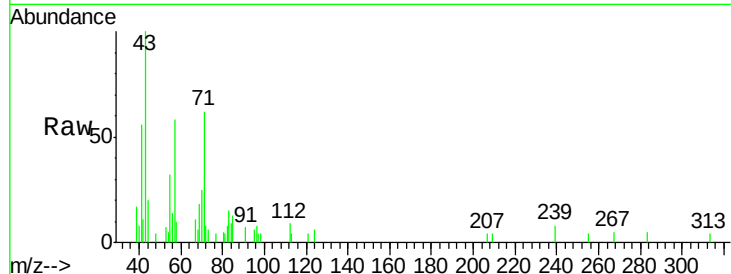
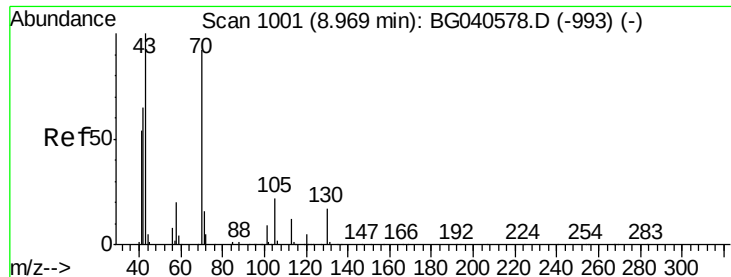
Abundance

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

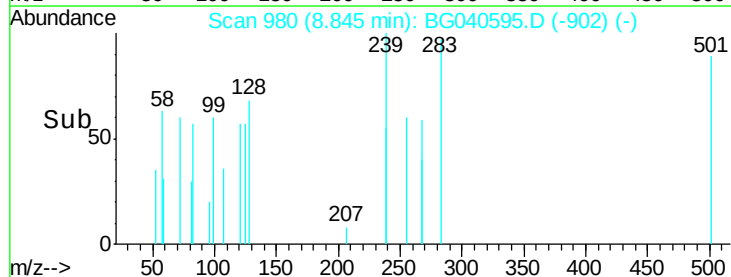
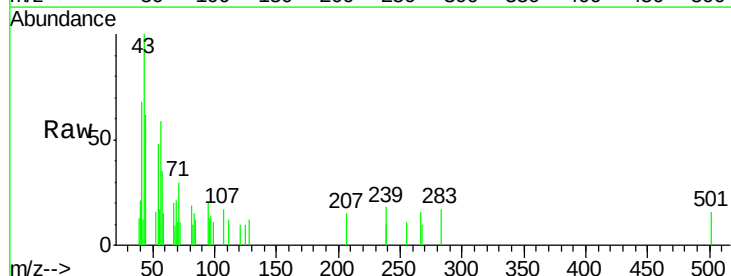
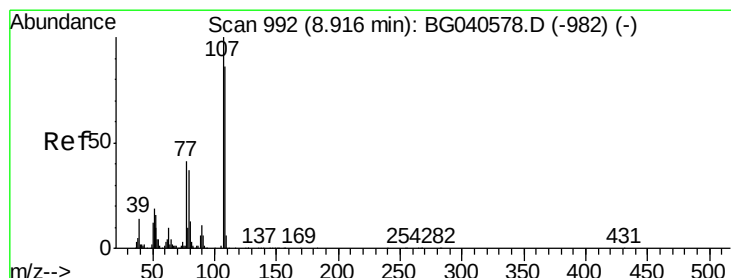
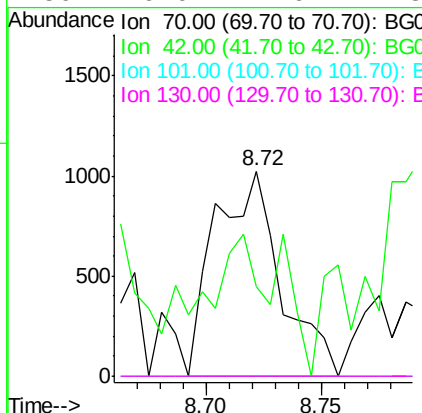




#19
n-Nitroso-di-n-propylamine
Concen: 0.500 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.25 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

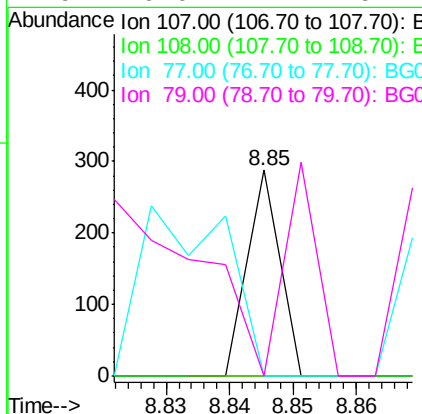
Instrument :
BNA_G
ClientSampleId :

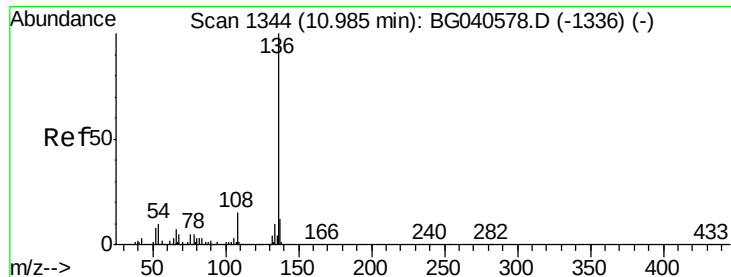
Tot Ion:	70	Resp:	2027
Ion	Ratio	Lower	Upper
70	100		
42	43.7	57.1	85.7#
101	0.0	7.8	11.8#
130	0.0	14.6	21.8#



#20
3+4-Methylphenols
Concen: 0.021 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.07 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

Tgt Ion:	107	Resp:	102
Ion	Ratio	Lower	Upper
107	100		
108	0.0	66.1	106.1#
77	0.0	21.6	61.6#
79	0.0	17.4	57.4#

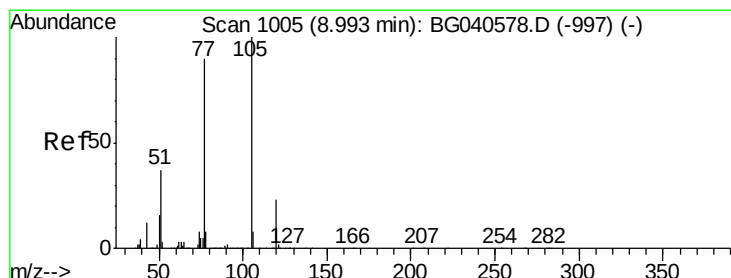
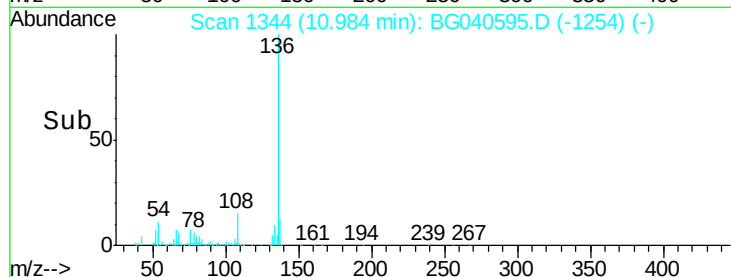
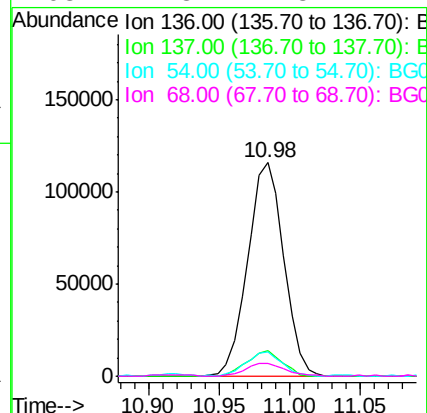
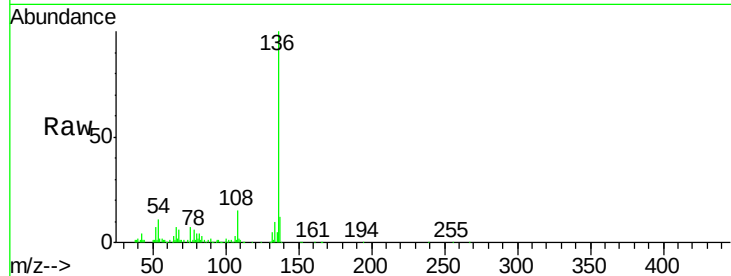




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

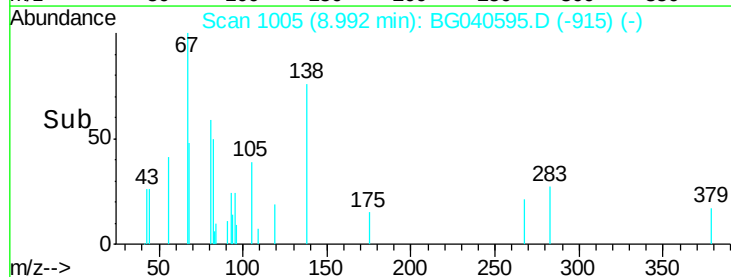
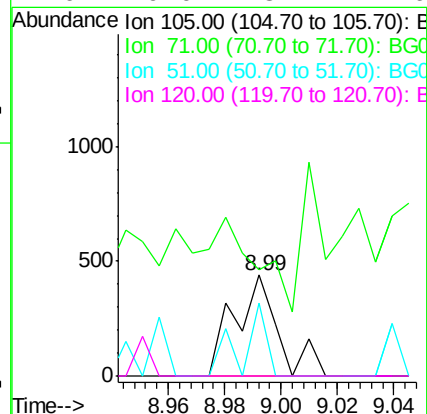
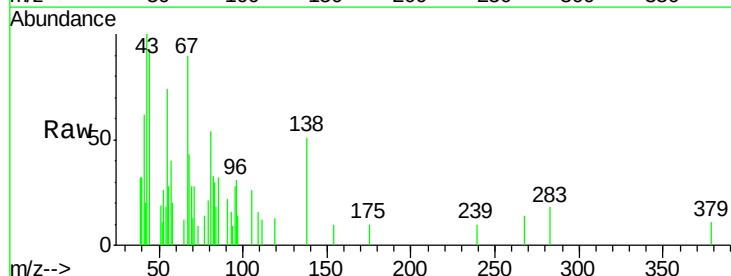
Instrument :
BNA_G
ClientSampleId :

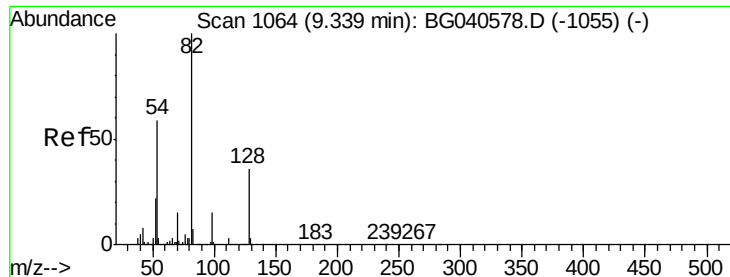
Tot Ion:136	Resp: 207293
Ion Ratio	Lower Upper
136 100	
137 12.1	9.7 14.5
54 11.1	8.6 12.8
68 7.3	4.8 7.2#



#22
Acetophenone
Concen: 0.082 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

Tgt	Ion:105	Resp:	472
Ion	Ratio	Lower	Upper
105	100		
71	105.7	1.8	2.8#
51	71.8	29.8	44.8#
120	0.0	18.4	27.6#

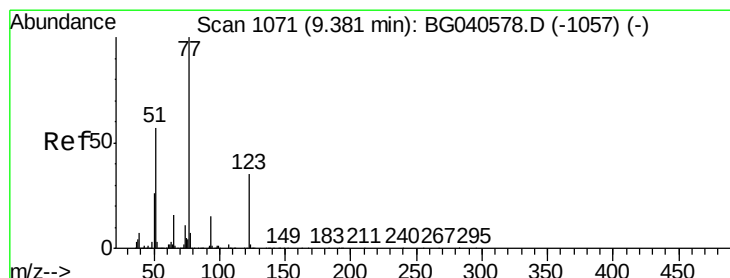
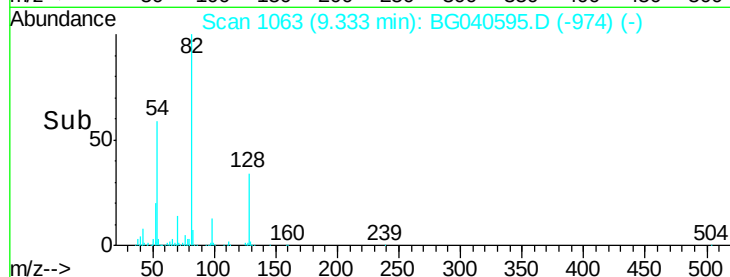
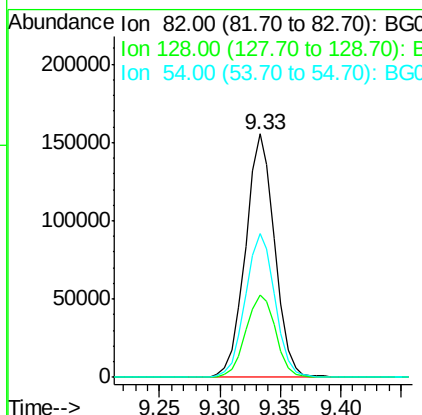
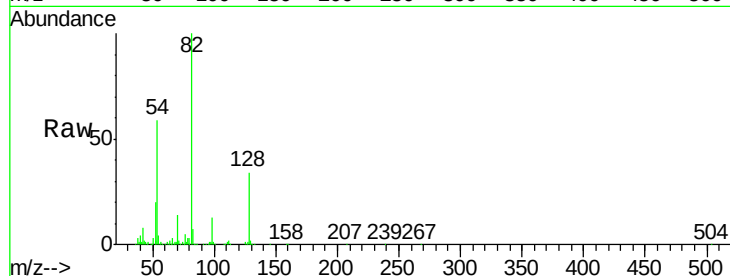




#23
 Nitrobenzene-d5
 Concen: 58.420 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG040595.D
 Acq: 24 Apr 2019 16:01

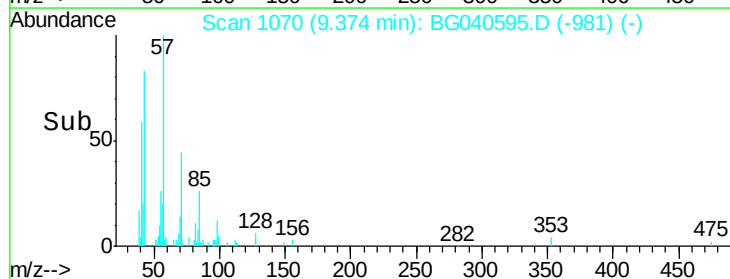
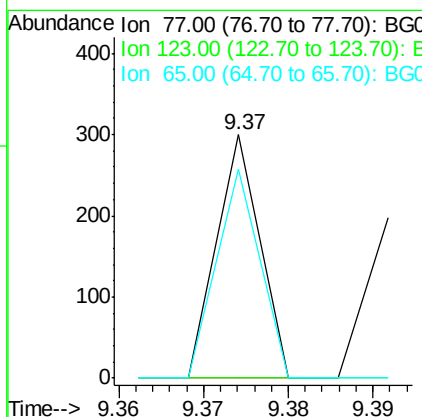
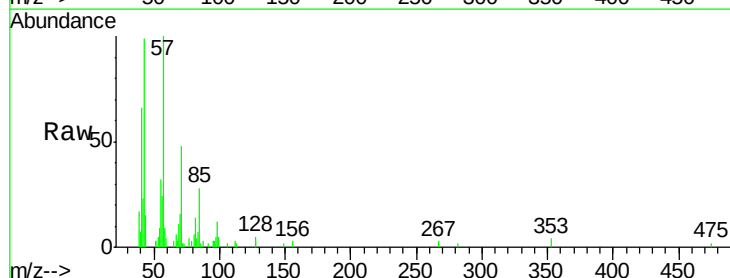
Instrument :
 BNA_G
 ClientSampleId :

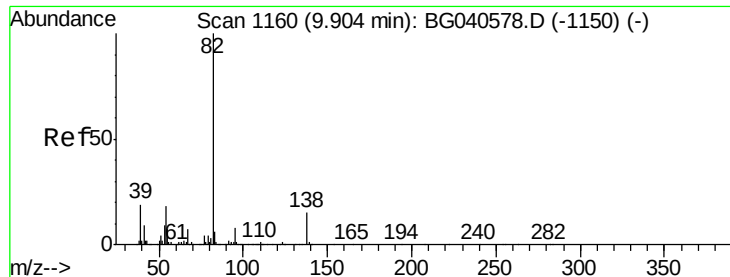
Tot Ion	82	Resp	262088
Ion Ratio	Lower	Upper	
82	100		
128	34.0	28.9	43.3
54	58.9	47.2	70.8



#24
 Nitrobenzene
 Concen: 0.022 ng
 RT: 9.37 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BG040595.D
 Acq: 24 Apr 2019 16:01

Tgt Ion	77	Resp	106
Ion Ratio	Lower	Upper	
77	100		
123	0.0	27.8	41.6#
65	85.7	12.4	18.6#





#25

Isophorone

Concen: 0.040 ng

RT: 9.91 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampleId :

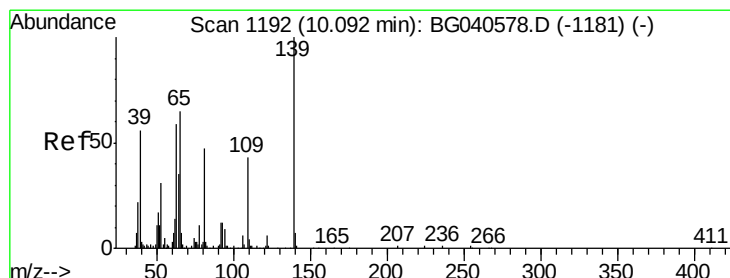
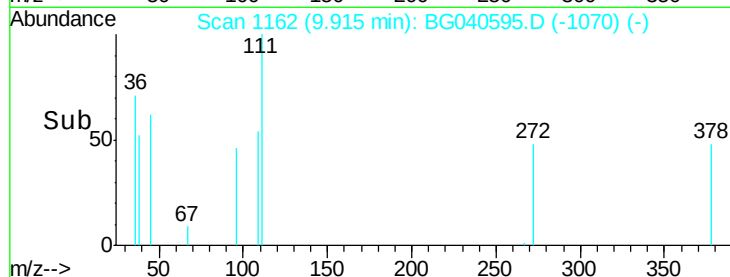
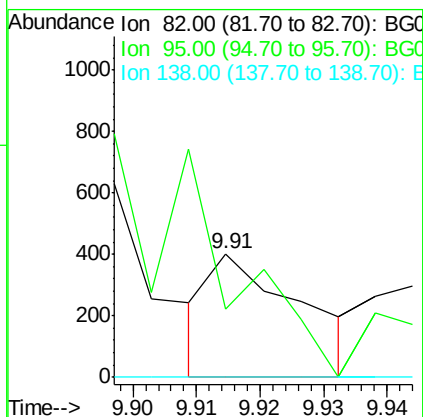
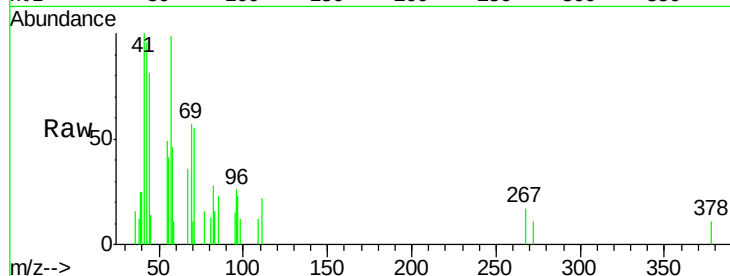
Tot Ion: 82 Resp: 396

Ion Ratio Lower Upper

82 100

95 55.2 6.9 10.3#

138 0.0 12.3 18.5#



#26

2-Nitrophenol

Concen: 0.056 ng

RT: 10.38 min Scan# 1242

Delta R.T. 0.29 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

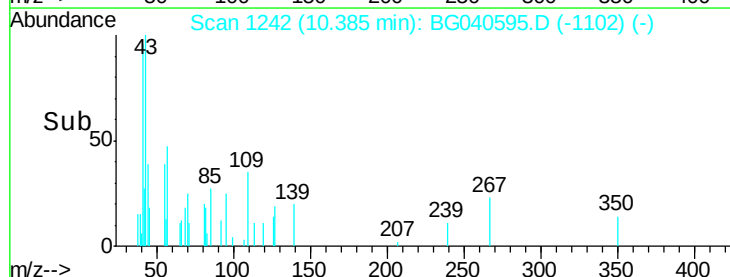
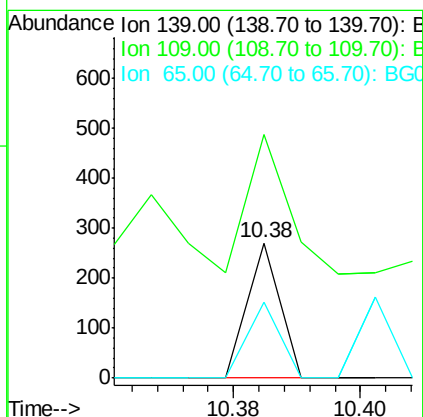
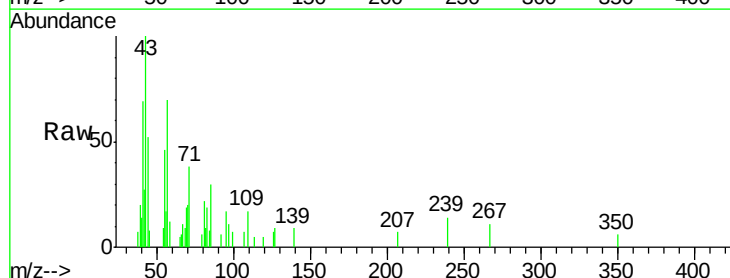
Tgt Ion: 139 Resp: 96

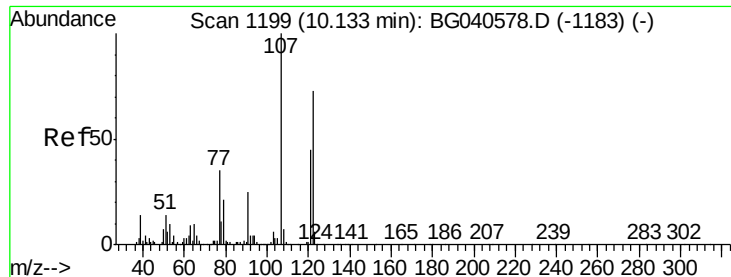
Ion Ratio Lower Upper

139 100

109 180.1 35.6 53.4#

65 55.7 52.3 78.5

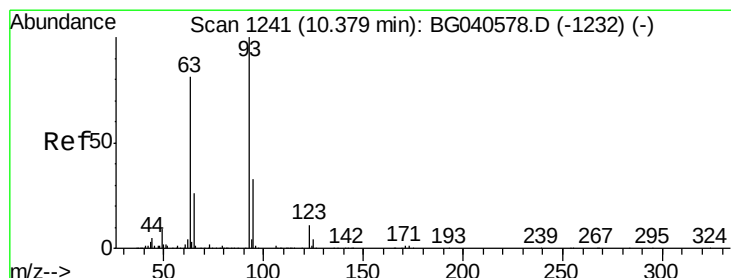
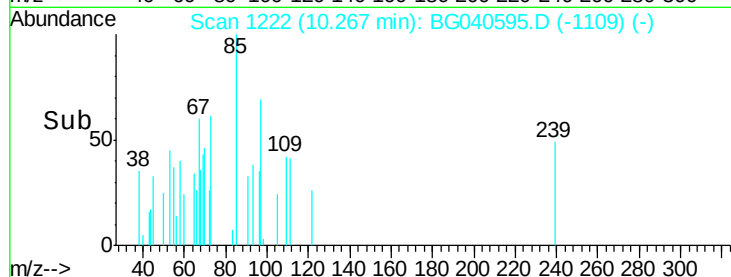
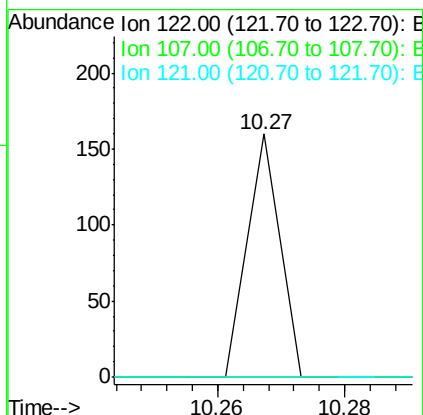
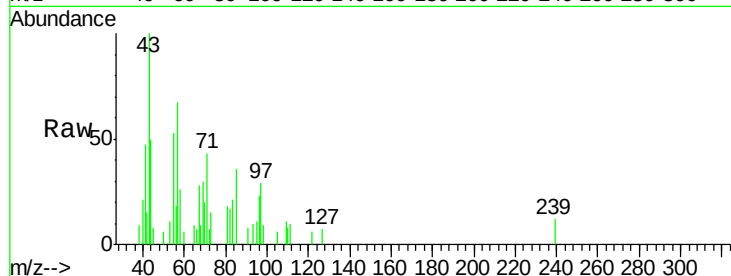




#27
2,4-Dimethylphenol
Concen: 0.017 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.13 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

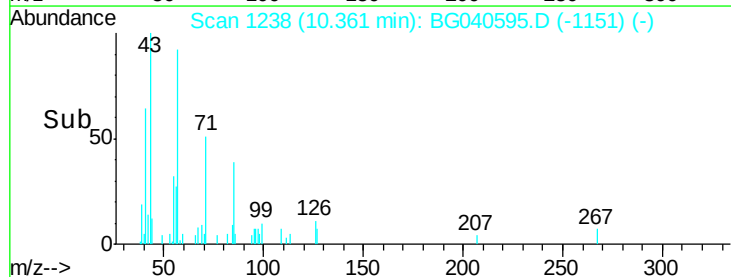
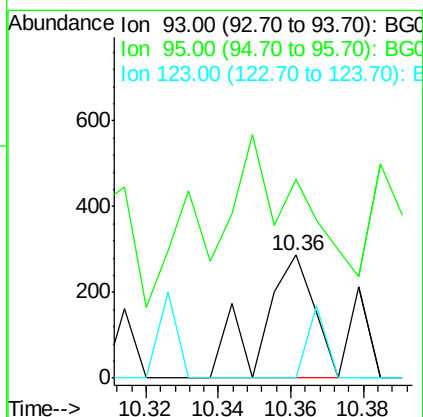
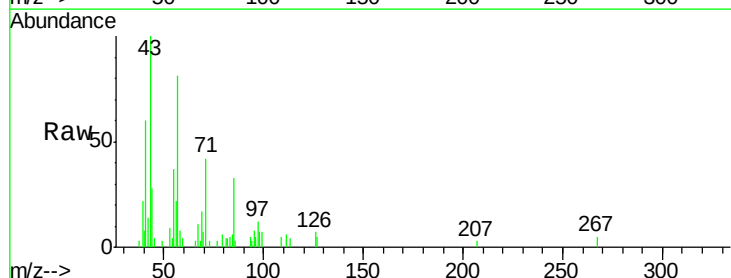
Instrument :
BNA_G
ClientSampleId :

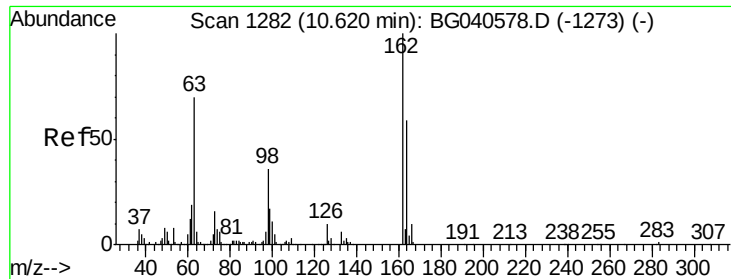
Tot Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
107 0.0 110.1 165.1#
121 0.0 49.4 74.0#



#28
bis(2-Chloroethoxy)methane
Concen: 0.057 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

Tgt Ion: 93 Resp: 287
Ion Ratio Lower Upper
93 100
95 161.7 26.6 40.0#
123 0.0 9.0 13.4#





#29

2,4-Dichlorophenol

Concen: 0.016 ng

RT: 10.31 min Scan# 1229

Delta R.T. -0.31 min

Lab File: BG040595.D

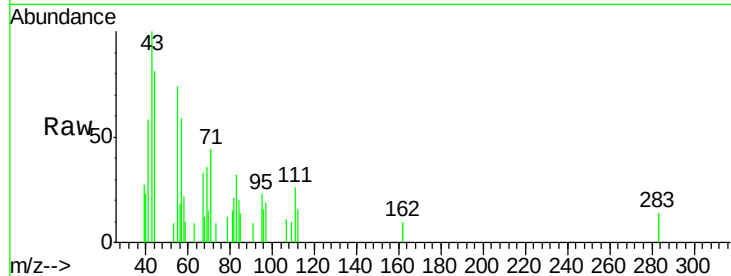
Acq: 24 Apr 2019 16:01

Instrument :

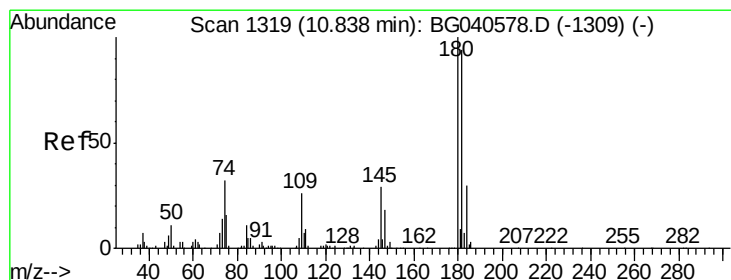
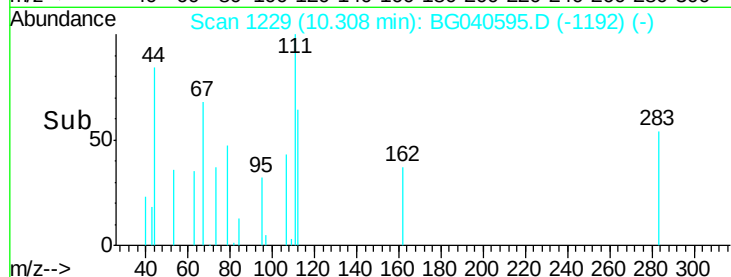
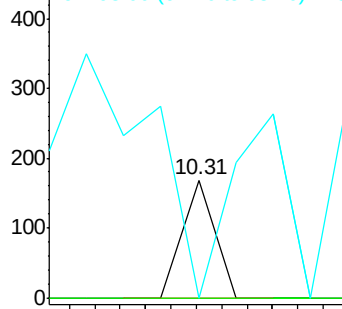
BNA_G

ClientSampled :

Tot Ion:162	Resp:	59
Ion Ratio	Lower	Upper
162	100	
164	0.0	38.9 78.9#
98	0.0	16.8 56.8#



Abundance Ion 162.00 (161.70 to 162.70): E



#30

1,2,4-Trichlorobenzene

Concen: 0.015 ng

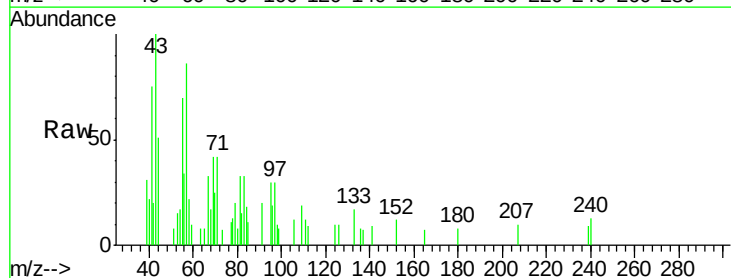
RT: 10.88 min Scan# 1327

Delta R.T. 0.05 min

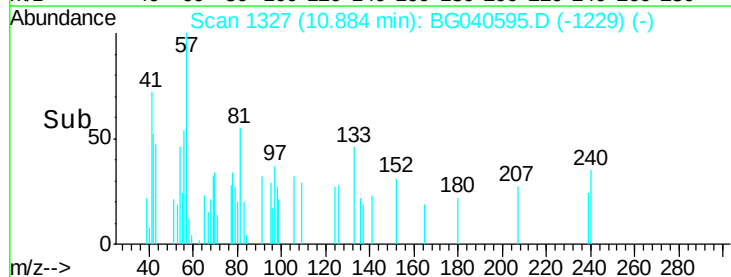
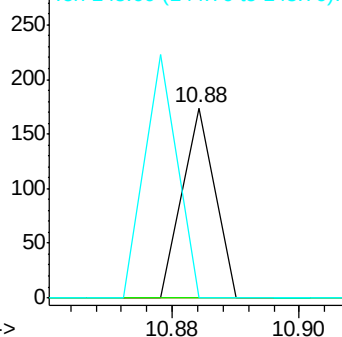
Lab File: BG040595.D

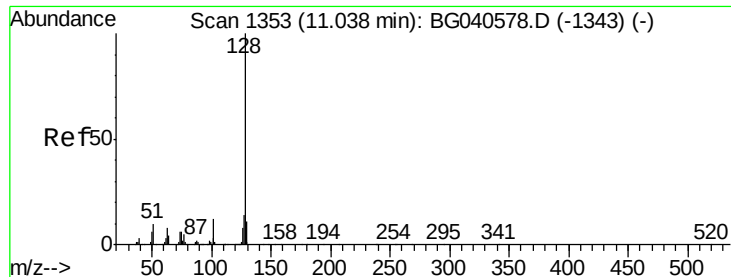
Acq: 24 Apr 2019 16:01

Tgt Ion:180	Resp:	61
Ion Ratio	Lower	Upper
180	100	
182	0.0	75.2 112.8#
145	0.0	23.6 35.4#



Abundance Ion 180.00 (179.70 to 180.70): E

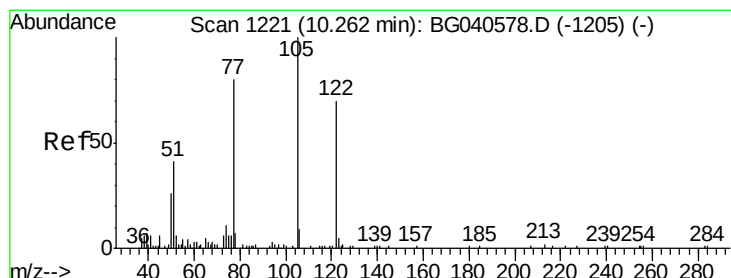
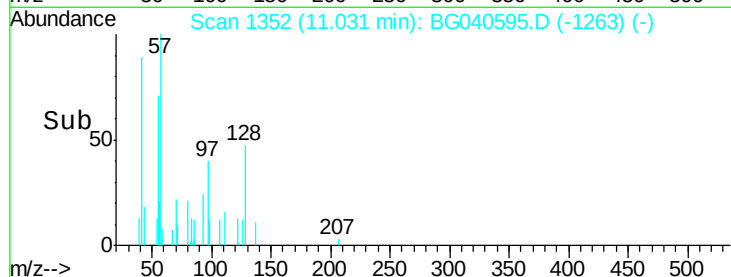
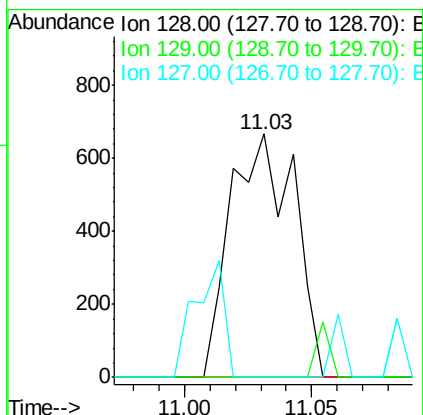
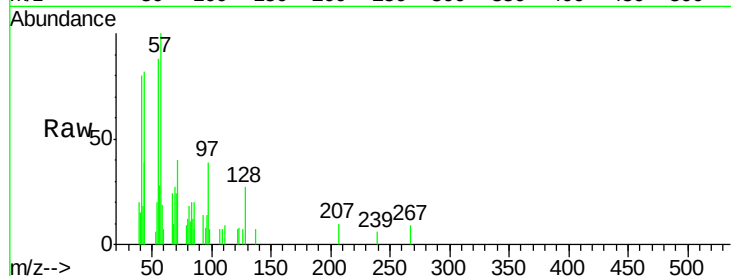




#31
Naphthalene
Concen: 0.107 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

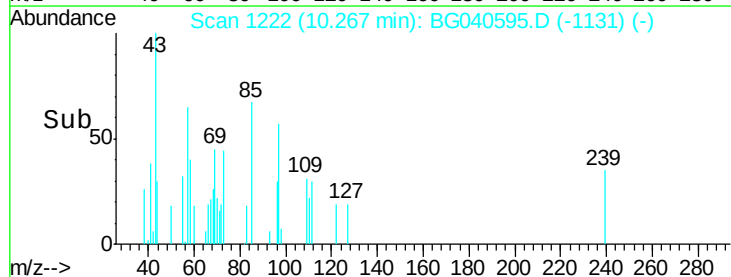
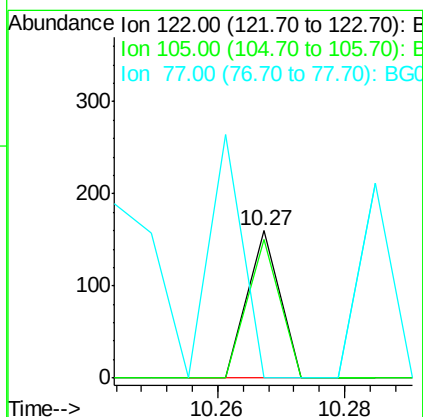
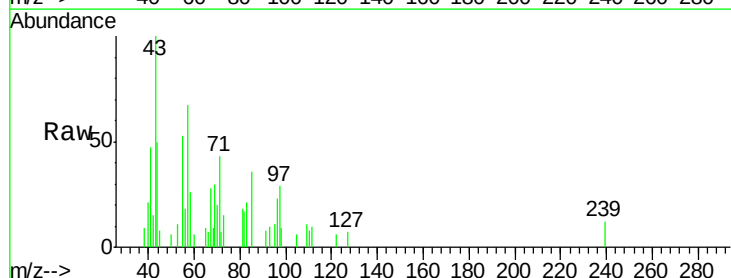
Instrument :
BNA_G
ClientSampled :

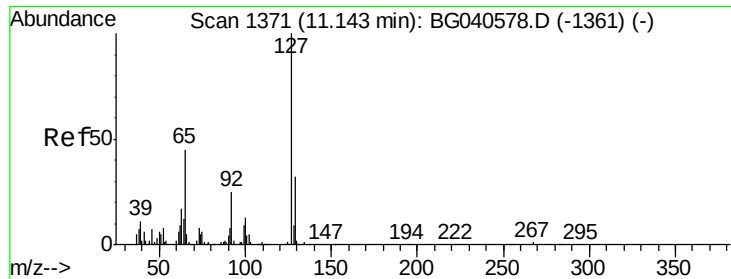
Tot Ion:128 Resp: 1173
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.6#
127 0.0 11.3 16.9#



#32
Benzoic acid
Concen: 0.025 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 93.8 110.9 150.9#
77 0.0 87.6 127.6#

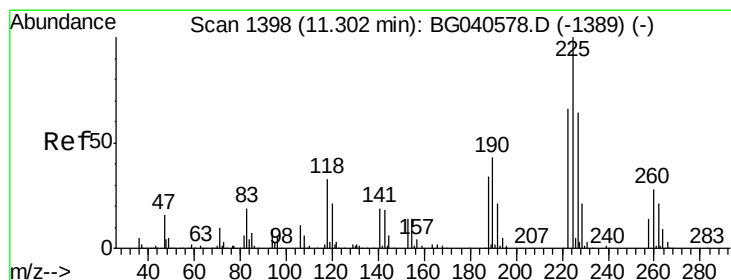
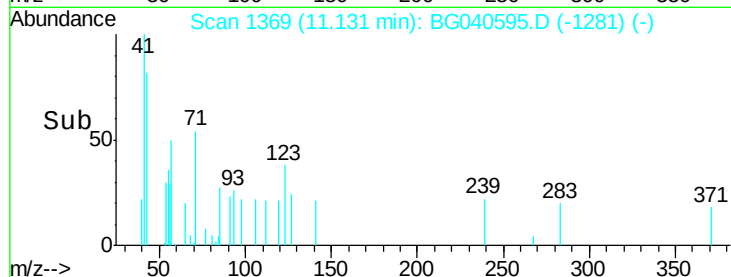
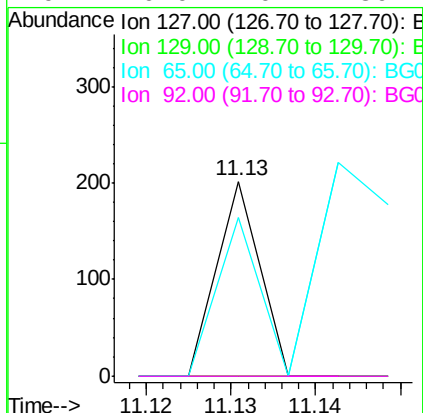
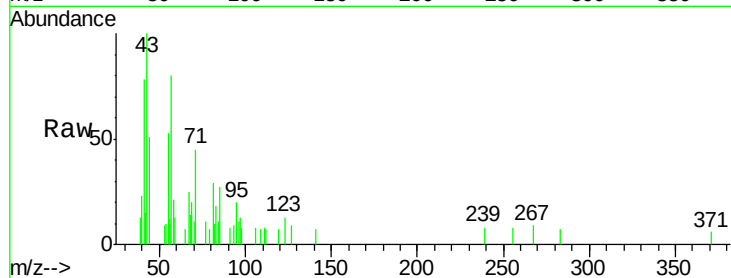




#33
4-Chloroaniline
Concen: 0.015 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

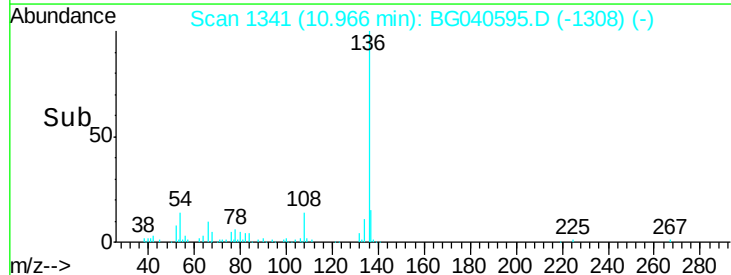
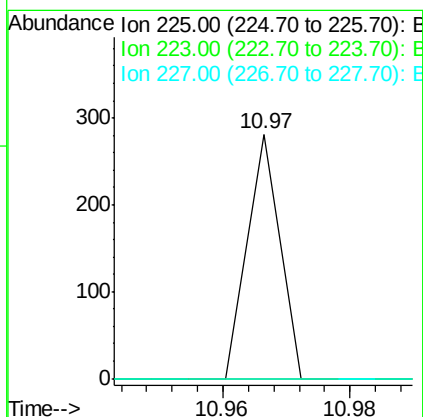
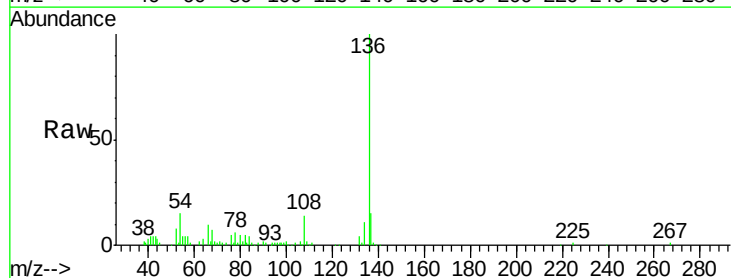
Instrument :
BNA_G
ClientSampleId :

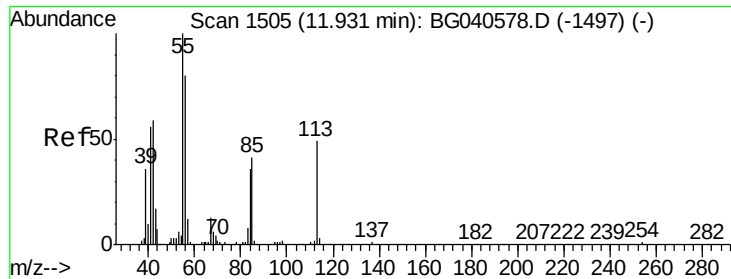
Tot Ion:	127	Resp:	71
Ion	Ratio	Lower	Upper
127	100		
129	0.0	25.7	38.5#
65	81.2	36.1	54.1#
92	0.0	20.1	30.1#



#34
Hexachlorobutadiene
Concen: 0.033 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.34 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

Tgt Ion:	225	Resp:	99
Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.4	75.6#
227	0.0	51.0	76.6#

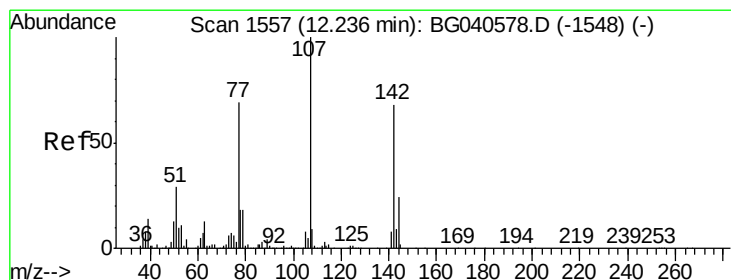
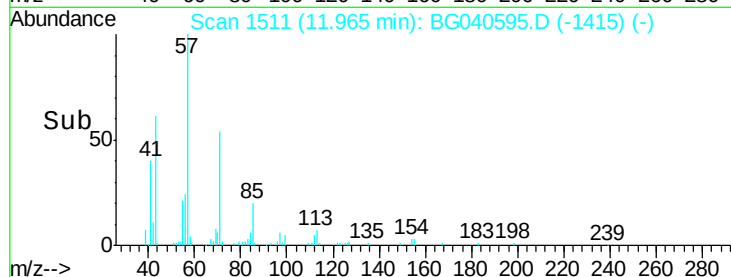
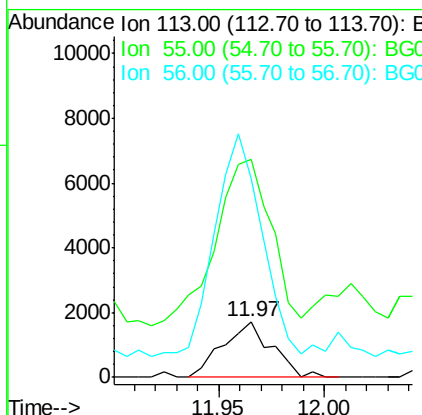
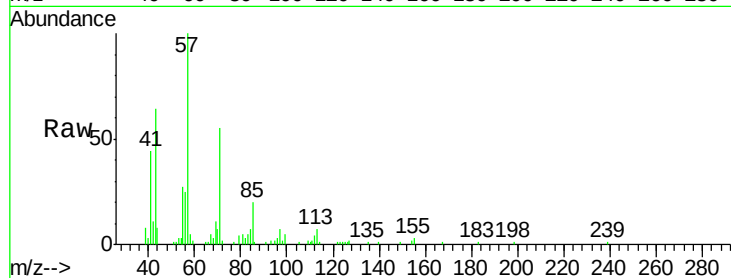




#35
 Caprolactam
 Concen: 1.911 ng
 RT: 11.97 min Scan# 1511
 Delta R.T. 0.03 min
 Lab File: BG040595.D
 Acq: 24 Apr 2019 16:01

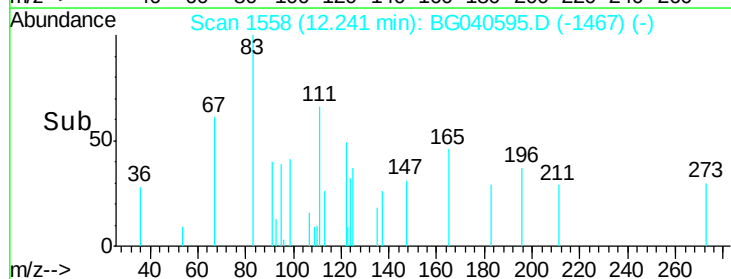
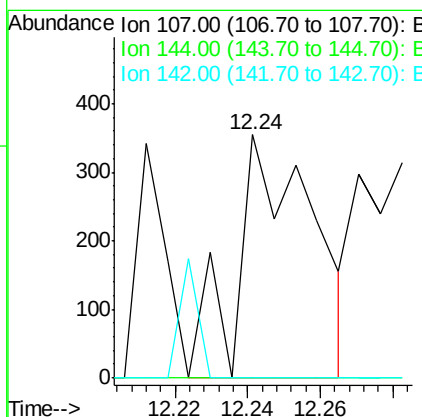
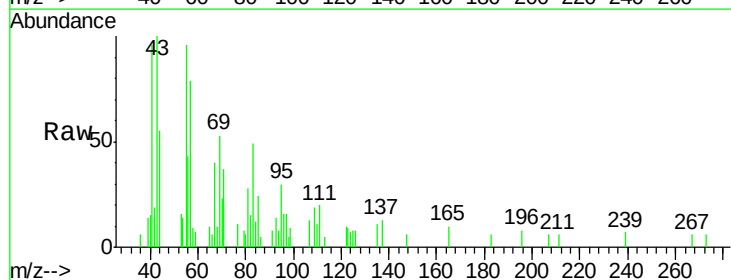
Instrument :
 BNA_G
 ClientSampled :

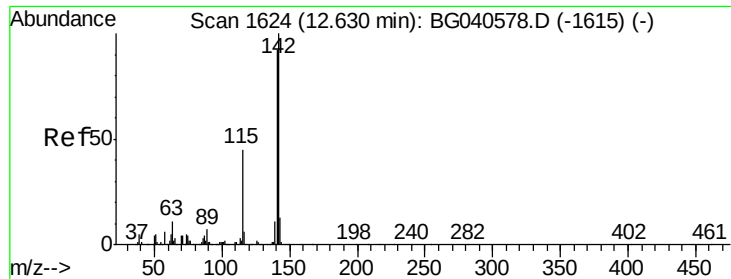
Tot Ion:113 Resp: 2761
 Ion Ratio Lower Upper
 113 100
 55 390.1 198.6 238.6#
 56 354.7 148.4 188.4#



#36
 4-Chloro-3-methylphenol
 Concen: 0.112 ng
 RT: 12.24 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BG040595.D
 Acq: 24 Apr 2019 16:01

Tgt Ion:107 Resp: 517
 Ion Ratio Lower Upper
 107 100
 144 0.0 19.3 28.9#
 142 0.0 54.6 81.8#

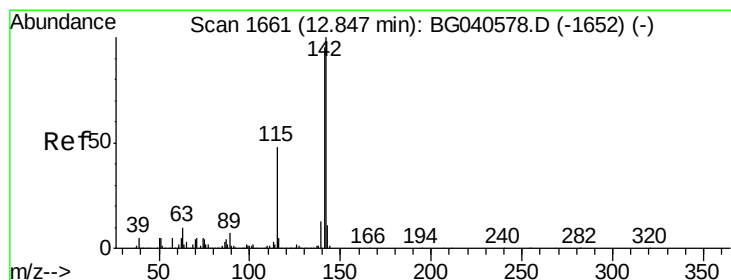
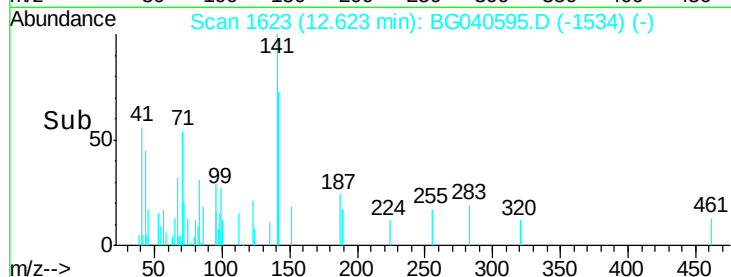
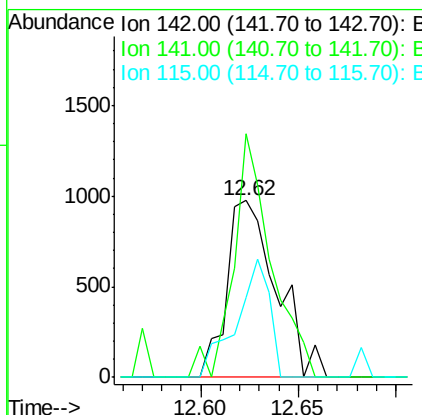
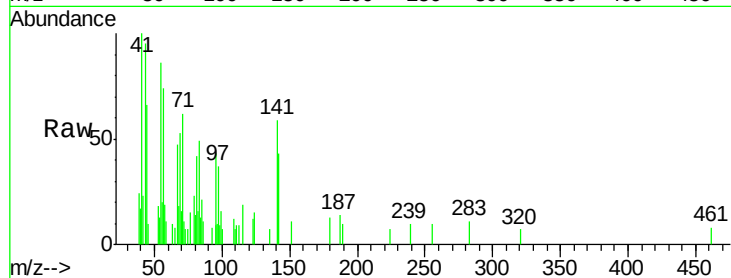




#37
 2-Methylnaphthalene
 Concen: 0.209 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG040595.D
 Acq: 24 Apr 2019 16:01

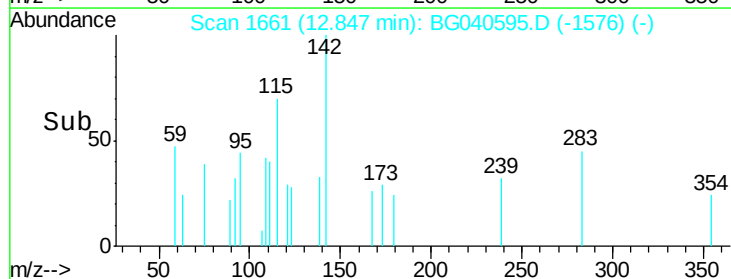
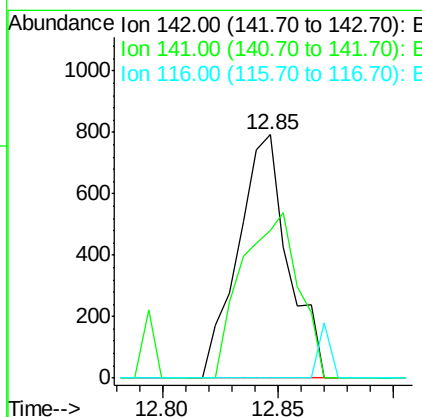
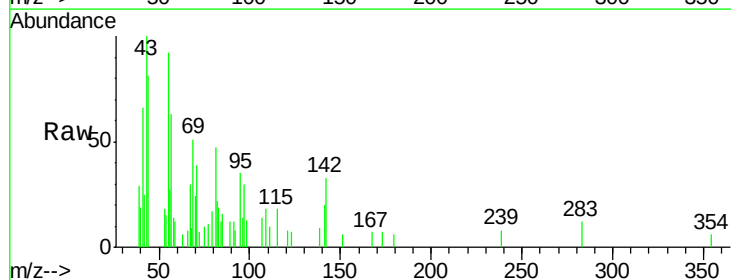
Instrument :
 BNA_G
 ClientSampleId :

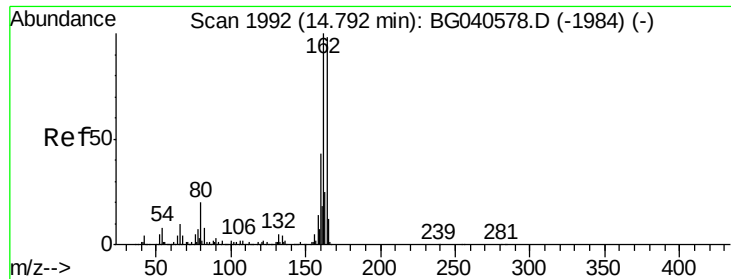
Tot Ion:142 Resp: 1720
 Ion Ratio Lower Upper
 142 100
 141 137.6 73.4 110.2#
 115 44.9 36.2 54.4



#38
 1-Methylnaphthalene
 Concen: 0.149 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BG040595.D
 Acq: 24 Apr 2019 16:01

Tgt Ion:142 Resp: 1197
 Ion Ratio Lower Upper
 142 100
 141 60.7 75.9 113.9#
 116 0.0 4.2 6.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampleId :

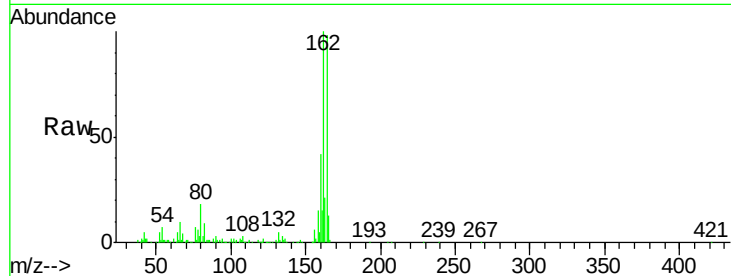
Tot Ion:164 Resp: 153630

Ion Ratio Lower Upper

164 100

162 101.9 81.9 122.9

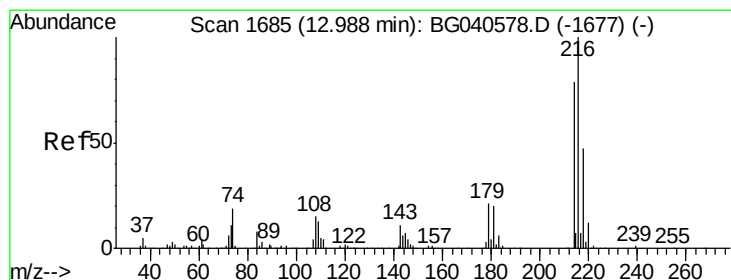
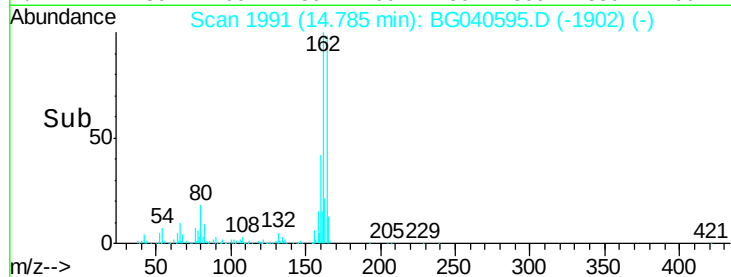
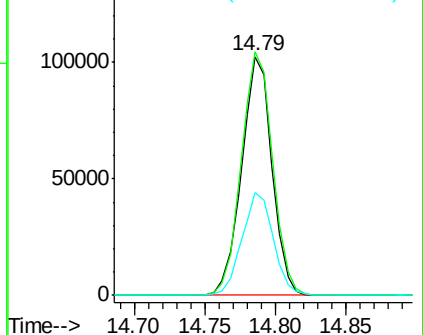
160 43.3 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.010 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.28 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Tgt Ion:216 Resp: 56

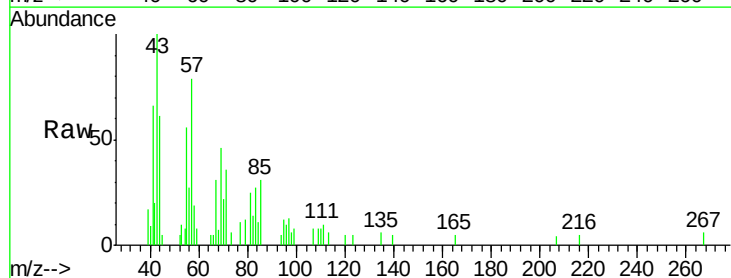
Ion Ratio Lower Upper

216 100

214 0.0 63.7 95.5#

179 835.7 16.6 24.8#

108 0.0 14.7 22.1#

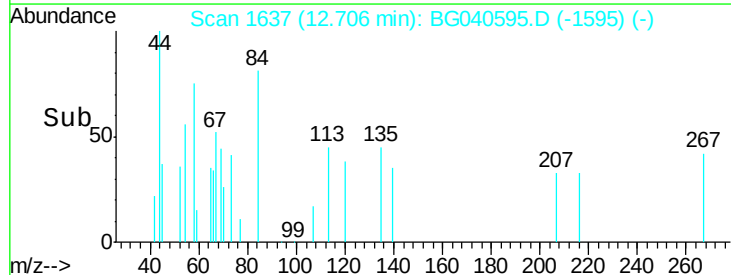
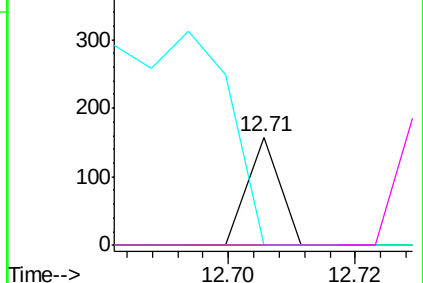


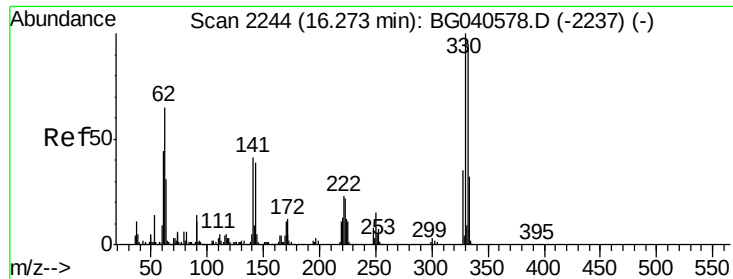
Abundance Ion 216.00 (215.70 to 216.70): E

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





#42

2,4,6-Tribromophenol

Concen: 29.907 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampleId :

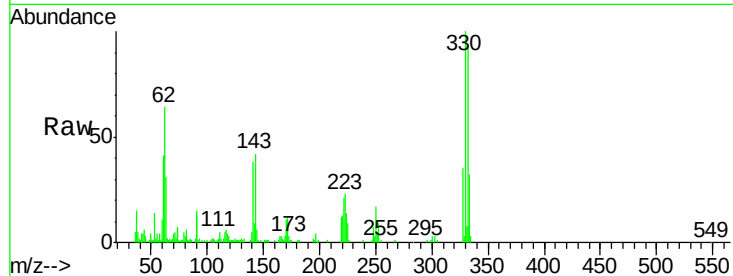
Tot Ion:330 Resp: 63153

Ion Ratio Lower Upper

330 100

332 96.6 75.9 113.9

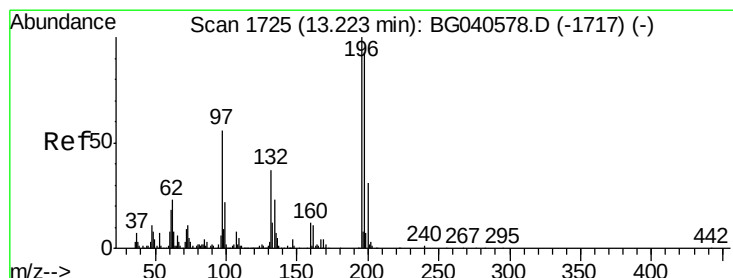
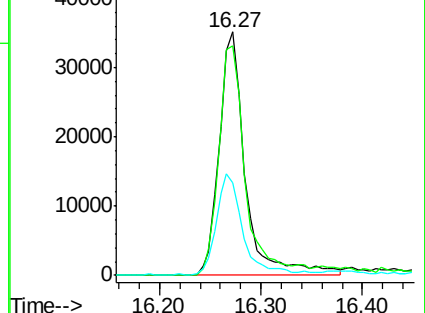
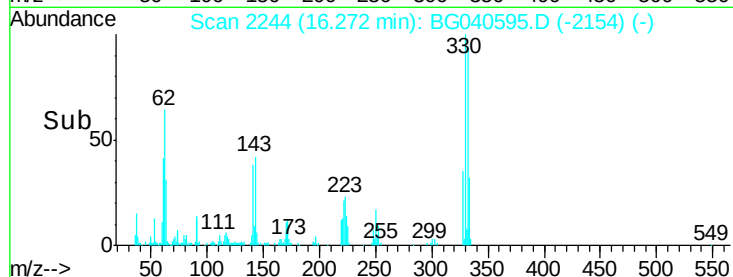
141 41.8 32.4 48.6



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: 0.019 ng

RT: 13.32 min Scan# 1741

Delta R.T. 0.09 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

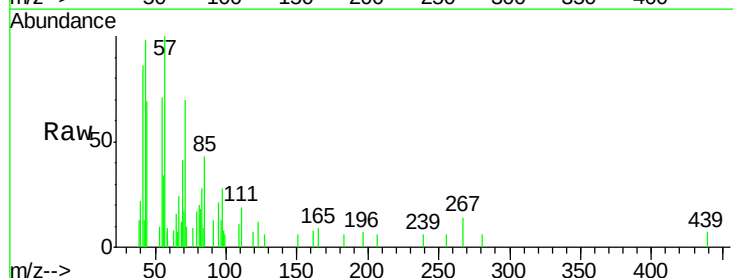
Tgt Ion:196 Resp: 66

Ion Ratio Lower Upper

196 100

198 0.0 74.8 112.2#

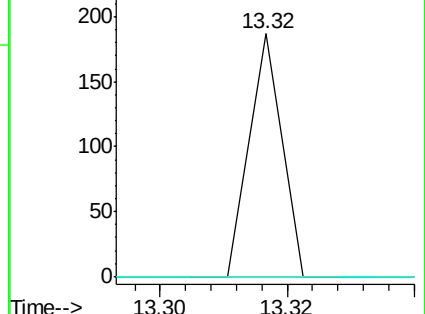
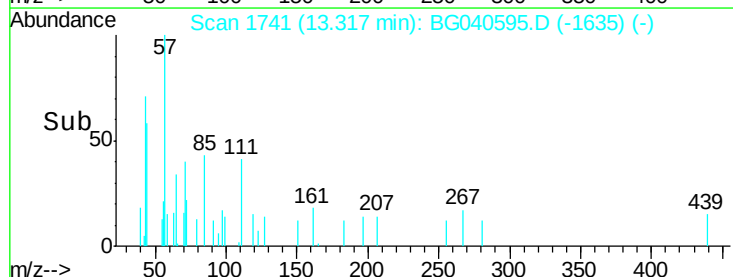
200 0.0 24.9 37.3#

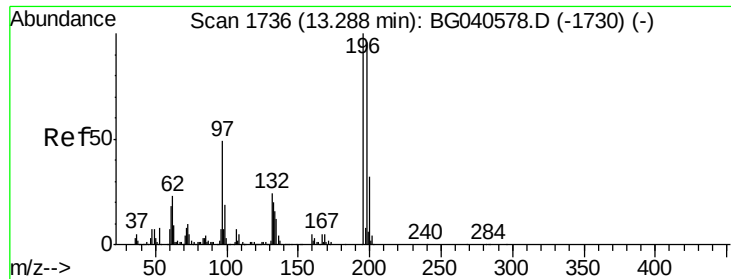


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

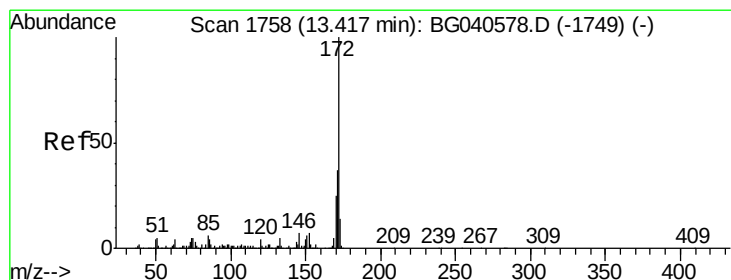
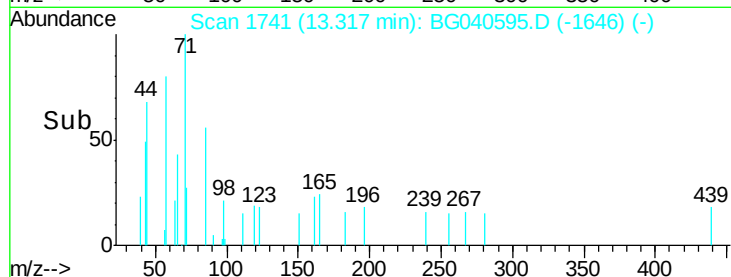
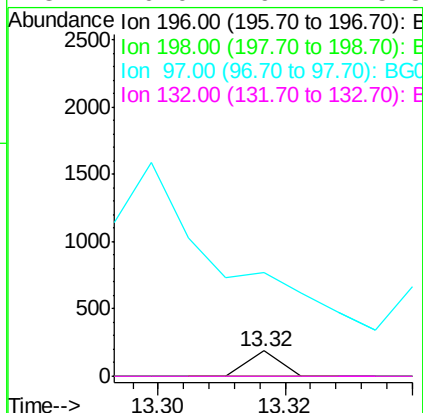
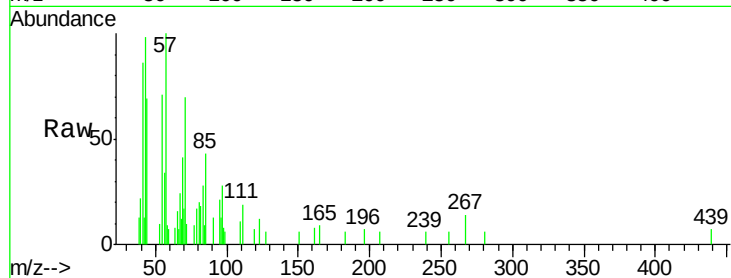




#44
2,4,5-Trichlorophenol
Concen: 0.018 ng
RT: 13.32 min Scan# 1741
Delta R.T. 0.03 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

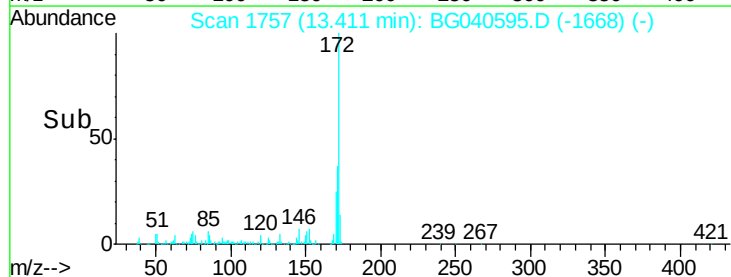
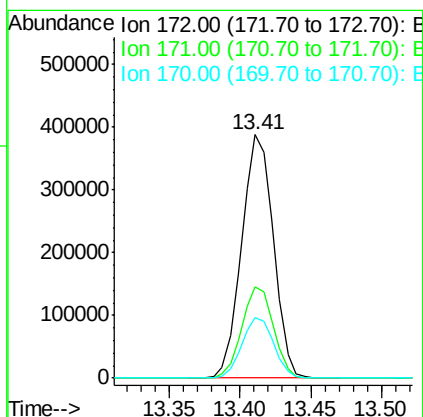
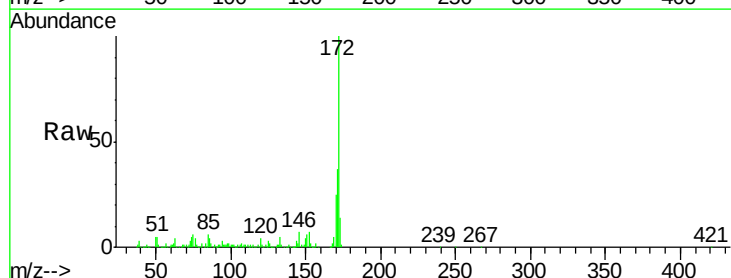
Instrument :
BNA_G
ClientSampleId :

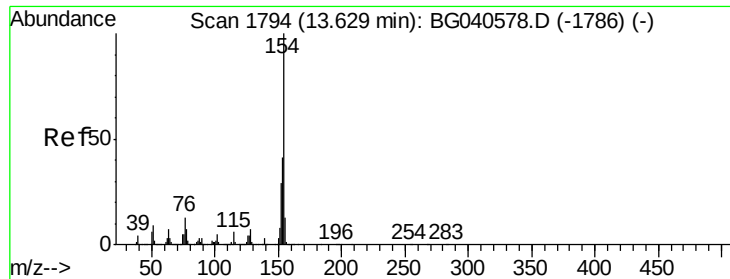
Tot Ion	Ratio	Lower	Upper
196	100		
198	0.0	77.0	115.6#
97	412.8	40.0	60.0#
132	0.0	19.2	28.8#



#45
2-Fluorobiphenyl
Concen: 57.409 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.2
170	25.0	19.9	29.9

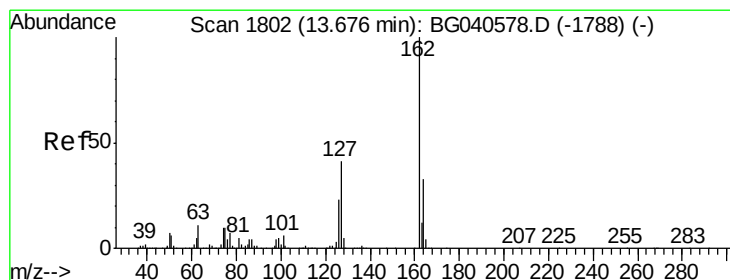
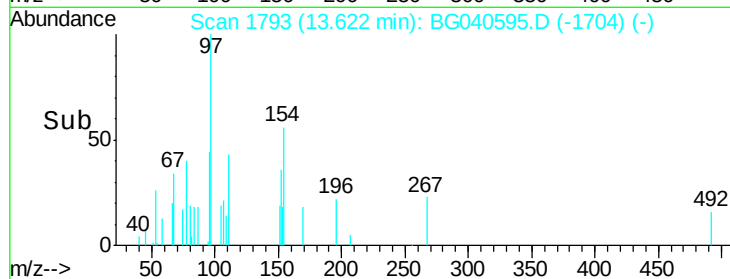
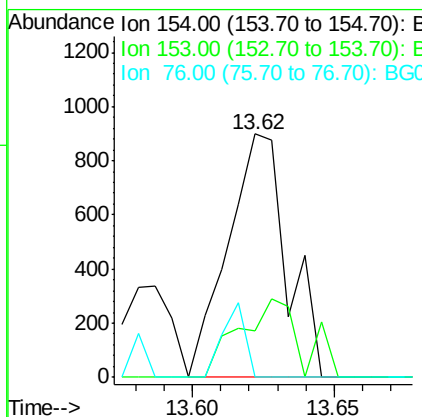
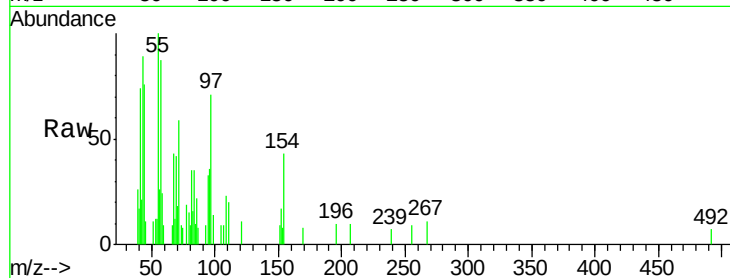




#46
 1,1'-Biphenyl
 Concen: 0.110 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG040595.D
 Acq: 24 Apr 2019 16:01

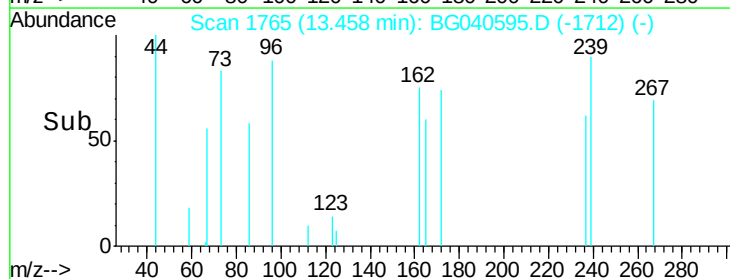
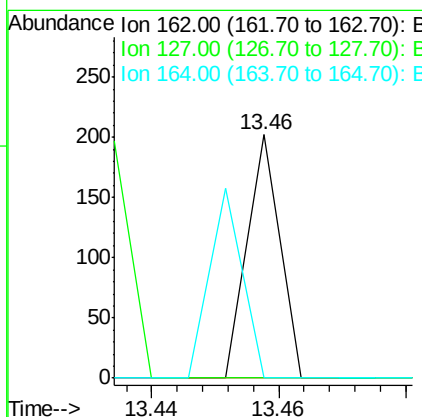
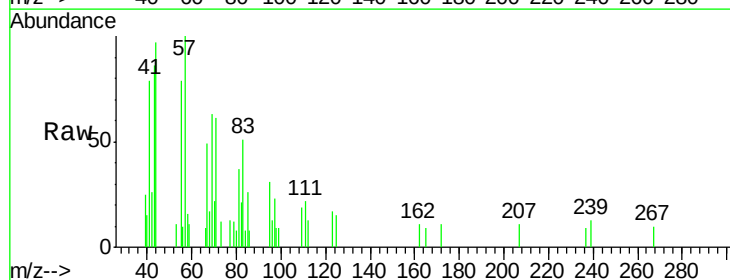
Instrument :
 BNA_G
 ClientSampled :

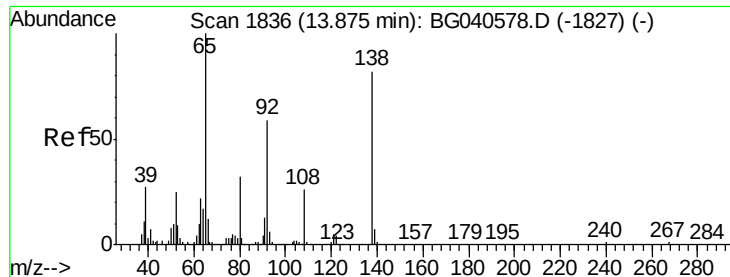
Tot Ion	Ratio	Lower	Upper
154	100		
153	19.0	20.5	60.5#
76	0.0	0.0	32.5



#47
 2-Chloronaphthalene
 Concen: 0.008 ng
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.22 min
 Lab File: BG040595.D
 Acq: 24 Apr 2019 16:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.0	49.4#
164	0.0	26.8	40.2#





#48

2-Nitroaniline

Concen: 0.070 ng

RT: 13.92 min Scan# 1843

Delta R.T. 0.04 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampled :

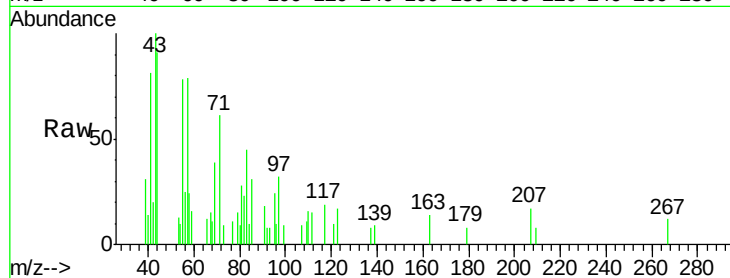
Tot Ion: 65 Resp: 231

Ion Ratio Lower Upper

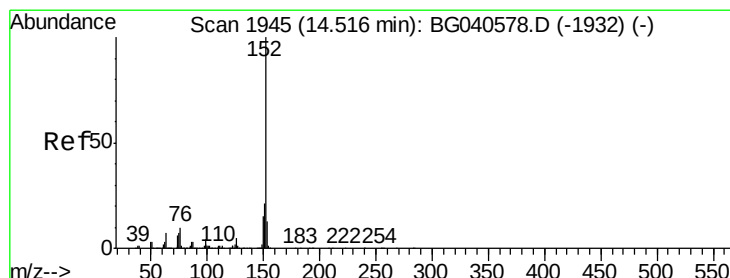
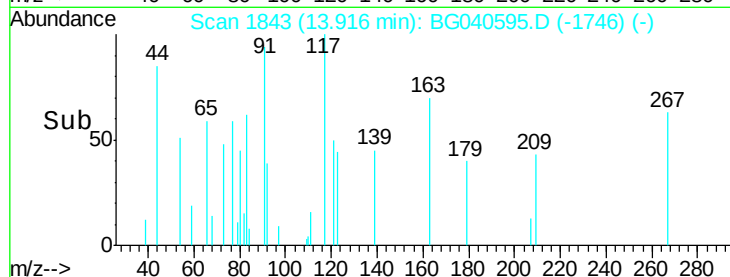
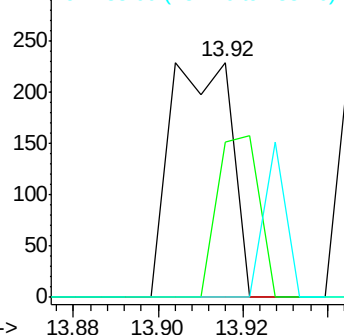
65 100

92 65.9 47.4 71.0

138 0.0 66.1 99.1#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#49

Acenaphthylene

Concen: 0.044 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

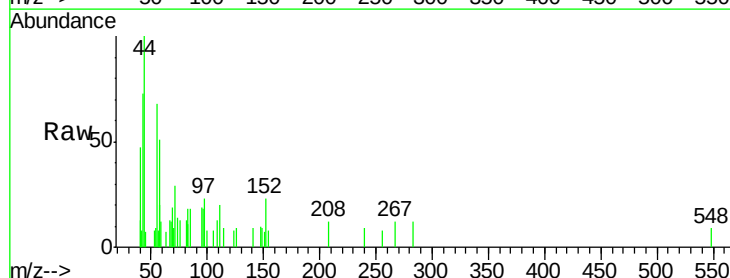
Tgt Ion: 152 Resp: 698

Ion Ratio Lower Upper

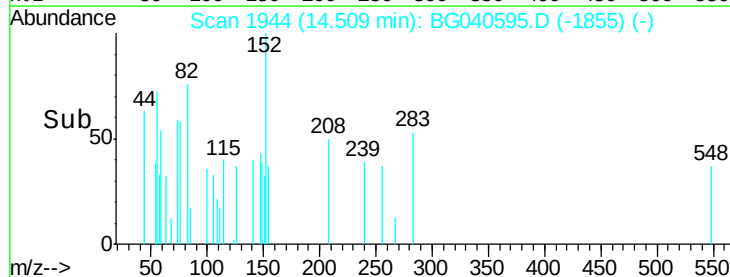
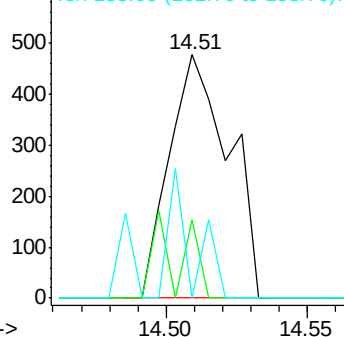
152 100

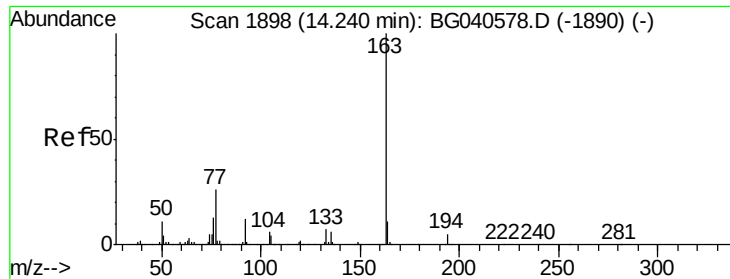
151 32.2 17.2 25.8#

153 0.0 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC

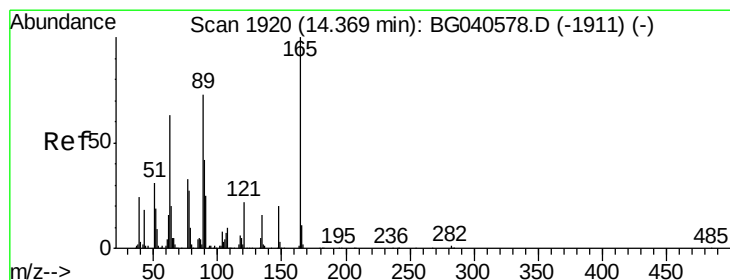
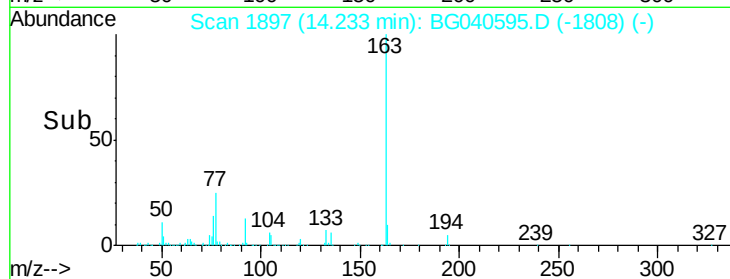
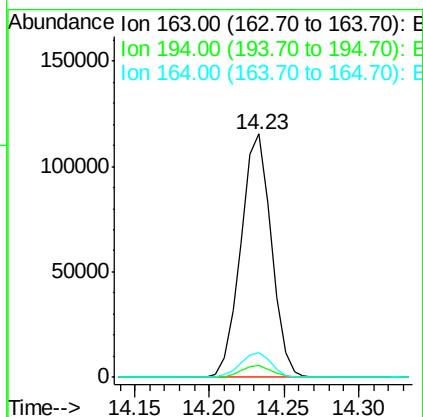
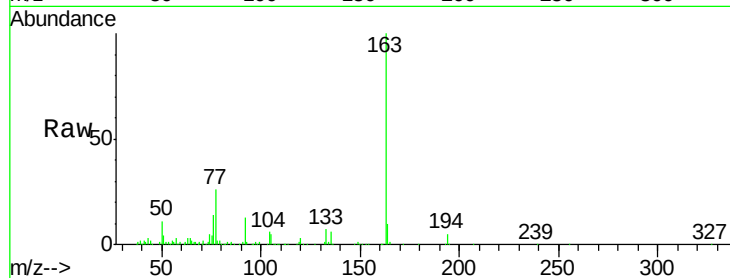




#50
Dimethylphthalate
Concen: 12.711 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

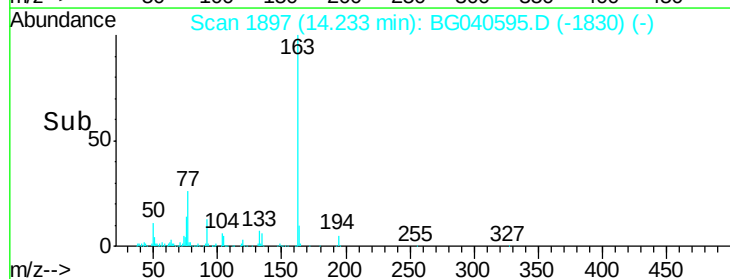
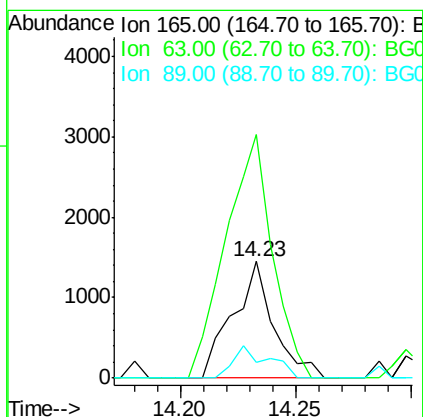
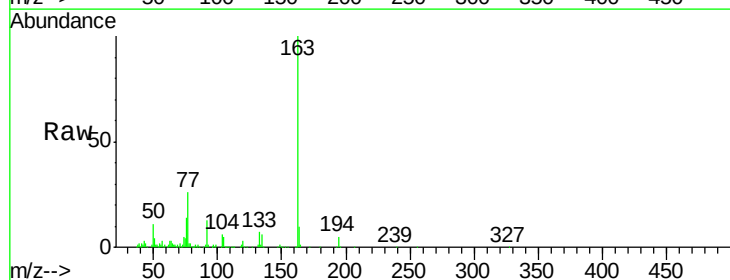
Instrument :
BNA_G
ClientSampleId :

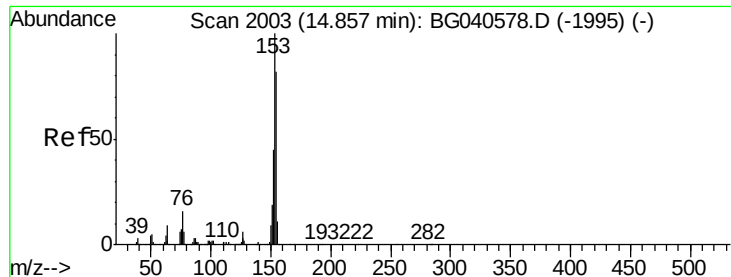
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.8	5.8
164	10.2	8.8	13.2



#51
2,6-Dinitrotoluene
Concen: 0.710 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.14 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	209.0	61.0	91.4#
89	13.1	58.6	87.8#





#52

Acenaphthene

Concen: 0.437 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampleId :

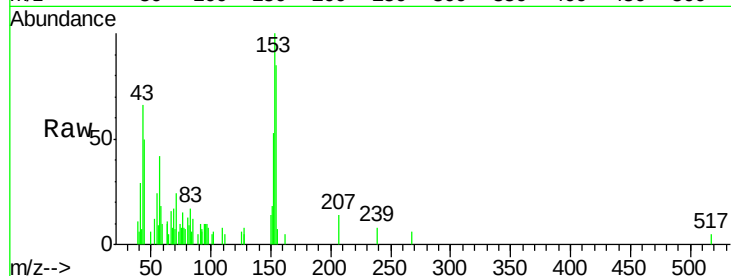
Tot Ion:154 Resp: 4027

Ion Ratio Lower Upper

154 100

153 117.5 97.0 145.6

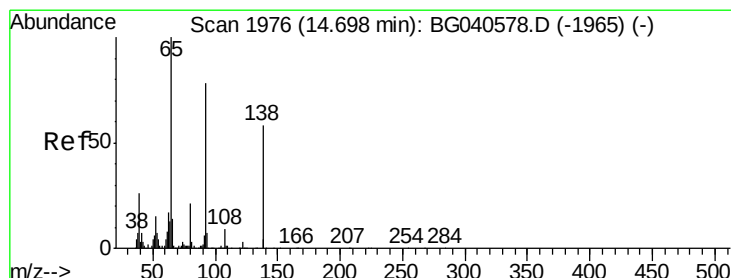
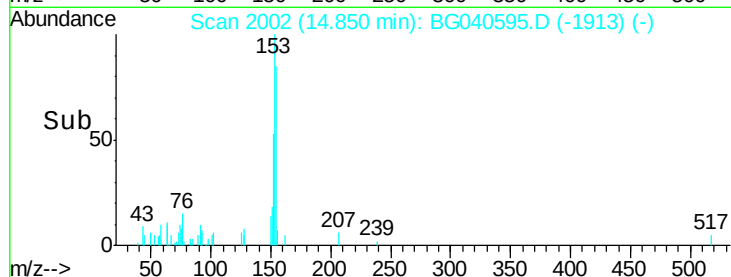
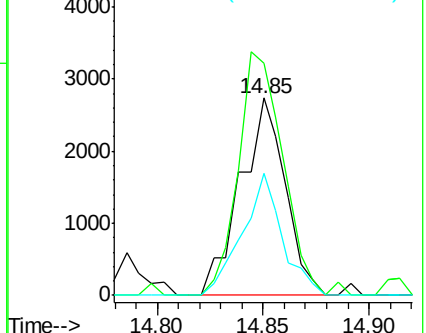
152 61.8 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 0.023 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

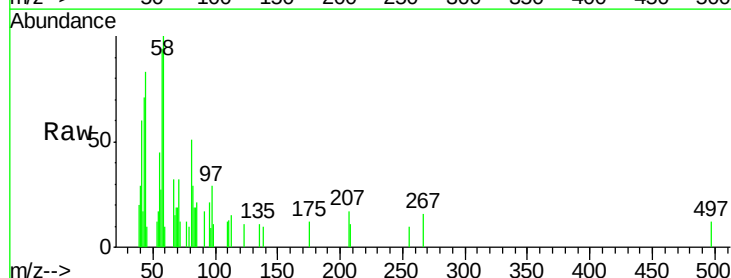
Tgt Ion:138 Resp: 58

Ion Ratio Lower Upper

138 100

108 0.0 12.4 18.6#

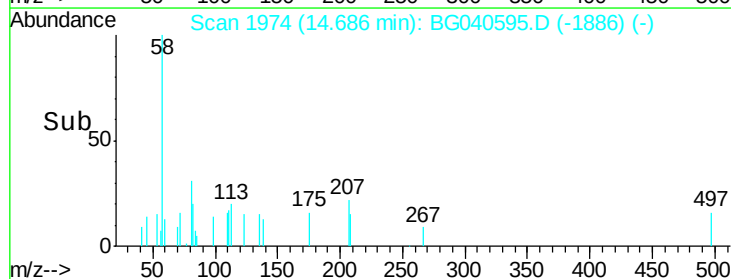
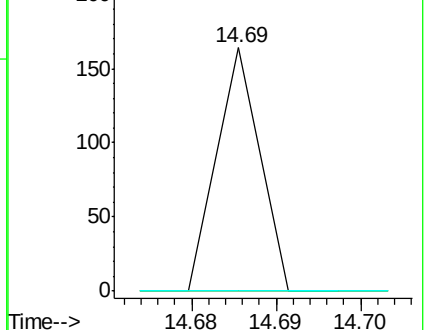
92 0.0 108.6 162.8#

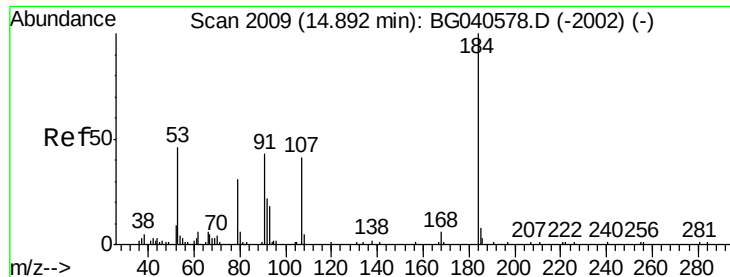


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

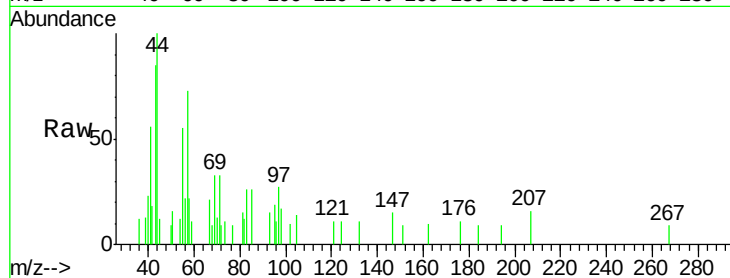




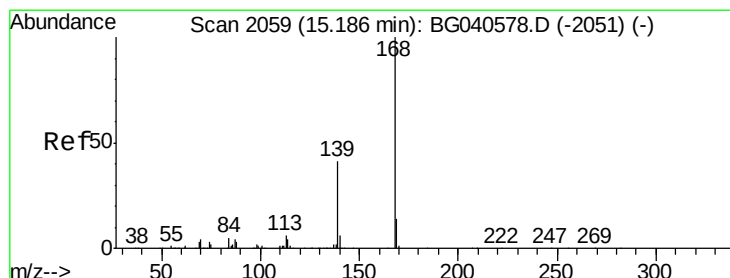
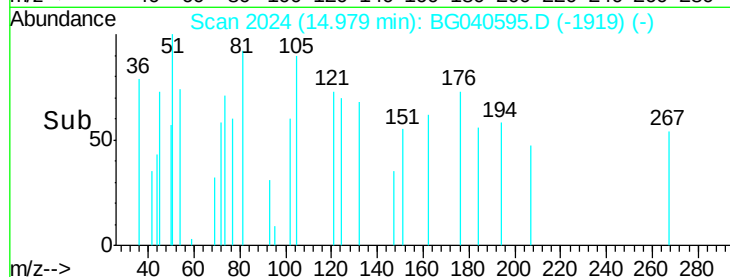
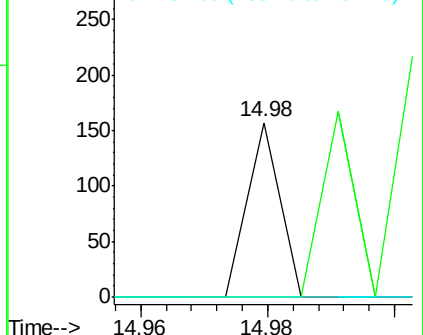
#54
2,4-Dinitrophenol
Concen: 7.050 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.09 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 51.8 77.6#
154 0.0 43.6 65.4#

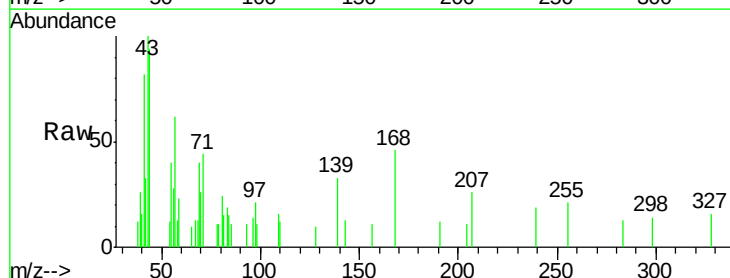


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

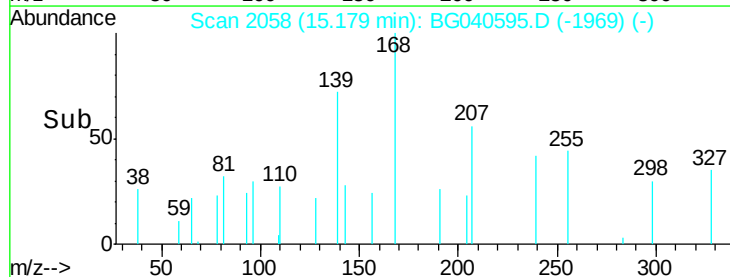
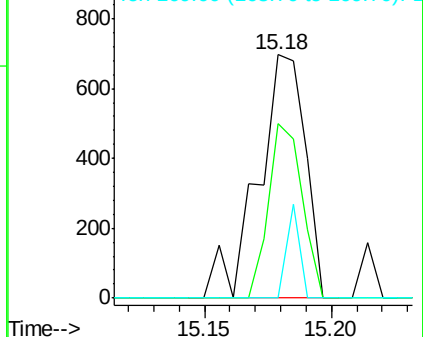


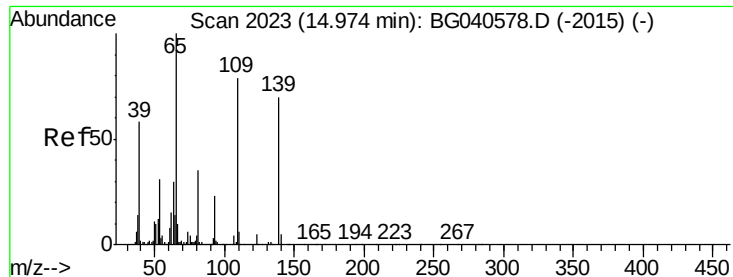
#55
Dibenzofuran
Concen: 0.060 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

Tgt Ion:168 Resp: 909
Ion Ratio Lower Upper
168 100
139 71.6 33.0 49.4#
169 0.0 11.0 16.4#



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

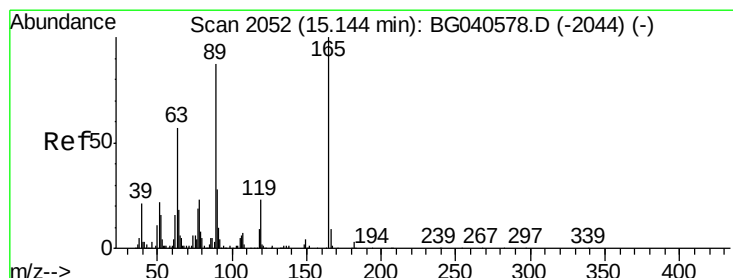
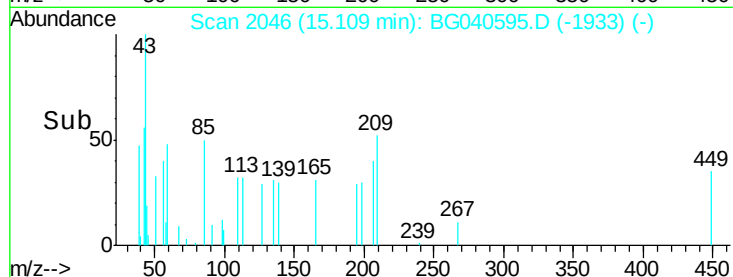
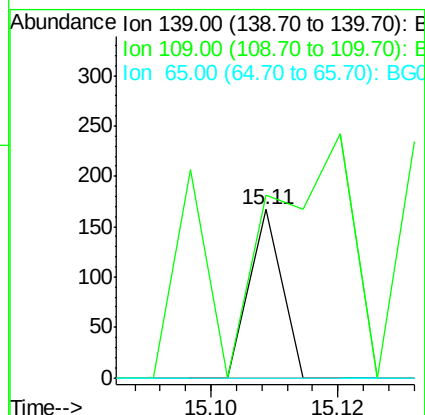
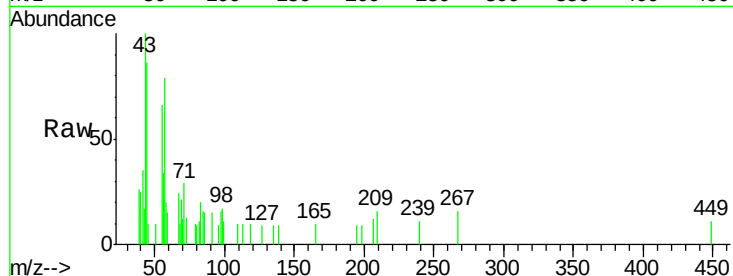




#56
4-Nitrophenol
Concen: 0.026 ng
RT: 15.11 min Scan# 2046
Delta R.T. 0.13 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

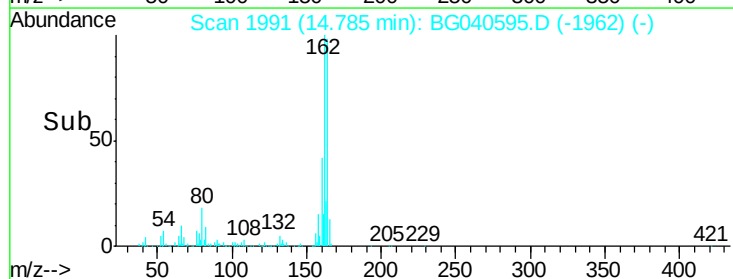
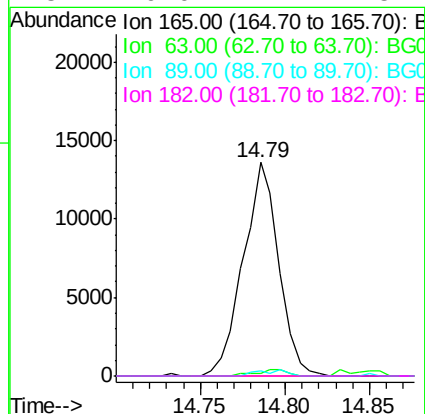
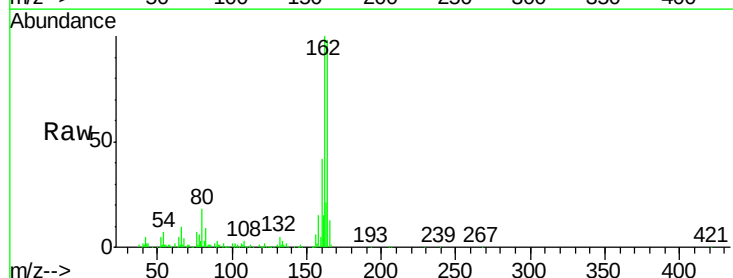
Instrument :
BNA_G
ClientSampleId :

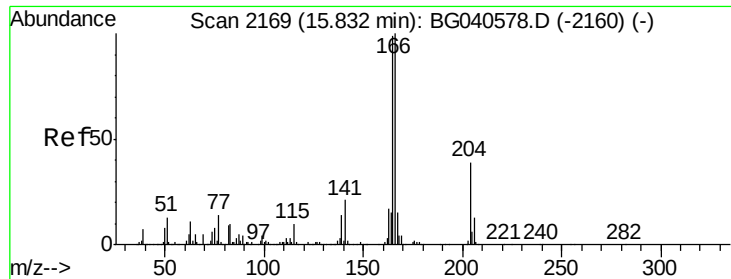
Tot Ion:139 Resp: 59
Ion Ratio Lower Upper
139 100
109 108.4 93.8 133.8
65 0.0 122.7 162.7#



#57
2,4-Dinitrotoluene
Concen: 5.839 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.36 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

Tgt Ion:165 Resp: 19906
Ion Ratio Lower Upper
165 100
63 1.2 45.8 68.8#
89 2.3 69.4 104.2#
182 0.0 2.2 3.4#

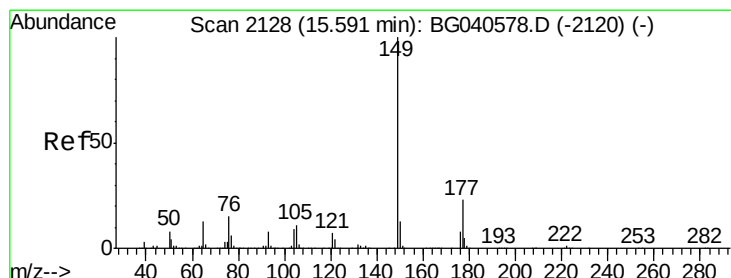
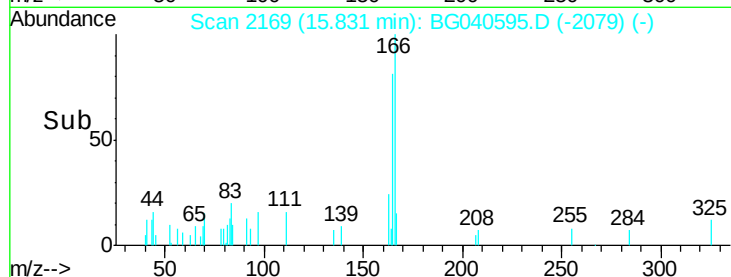
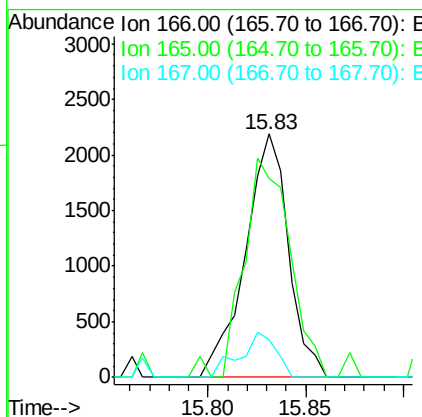
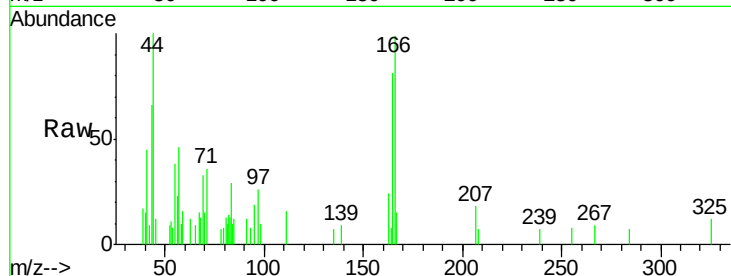




#58
 Fluorene
 Concen: 0.274 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: BG040595.D
 Acq: 24 Apr 2019 16:01

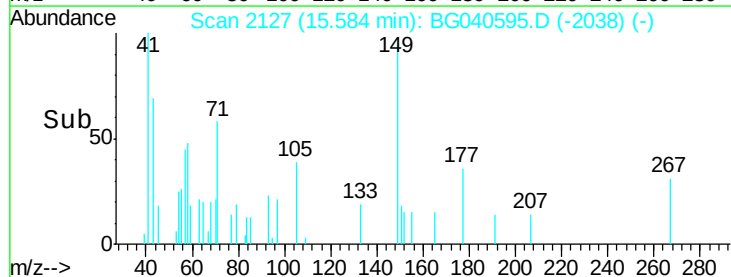
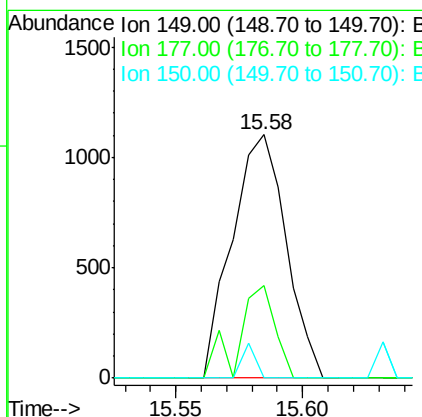
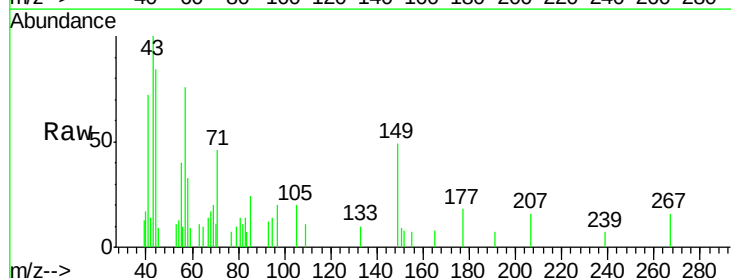
Instrument :
 BNA_G
 ClientSampleId :

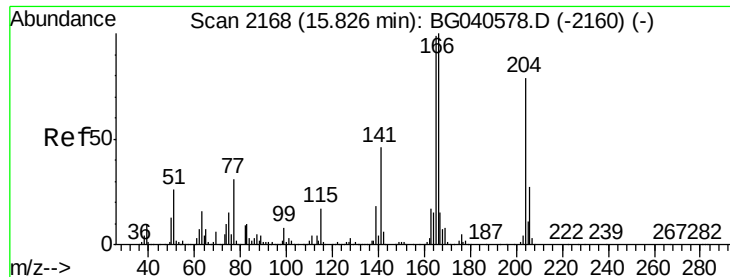
Tot Ion:166 Resp: 3350
 Ion Ratio Lower Upper
 166 100
 165 81.5 79.6 119.4
 167 15.5 12.2 18.2



#60
 Diethylphthalate
 Concen: 0.121 ng
 RT: 15.58 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG040595.D
 Acq: 24 Apr 2019 16:01

Tgt Ion:149 Resp: 1637
 Ion Ratio Lower Upper
 149 100
 177 38.0 18.5 27.7#
 150 0.0 10.2 15.4#

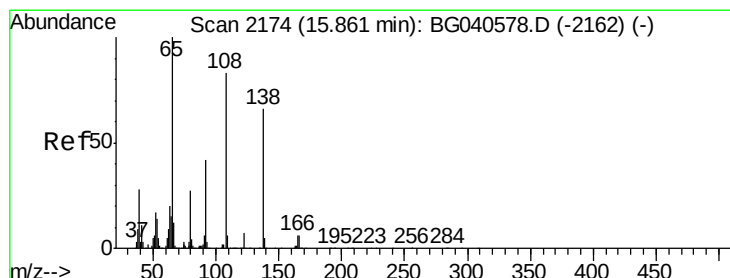
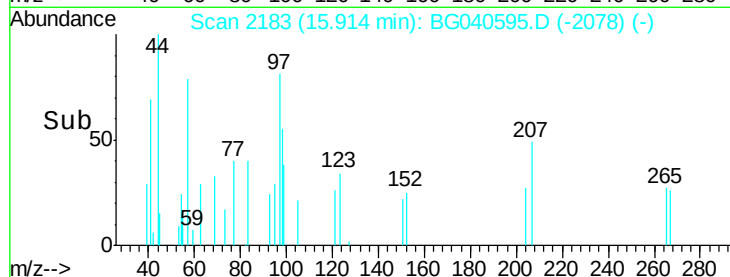
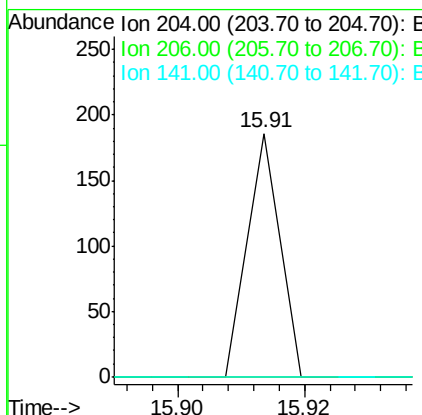
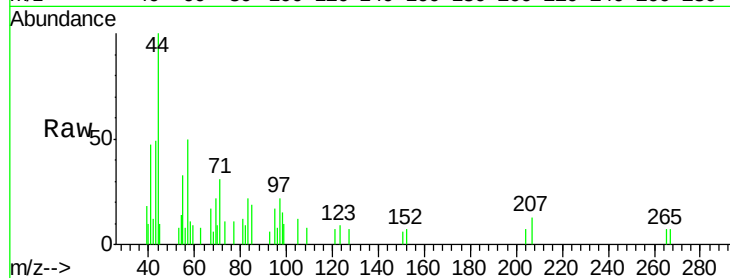




#61
4-Chlorophenyl-phenylether
Concen: 0.009 ng
RT: 15.91 min Scan# 2183
Delta R.T. 0.09 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

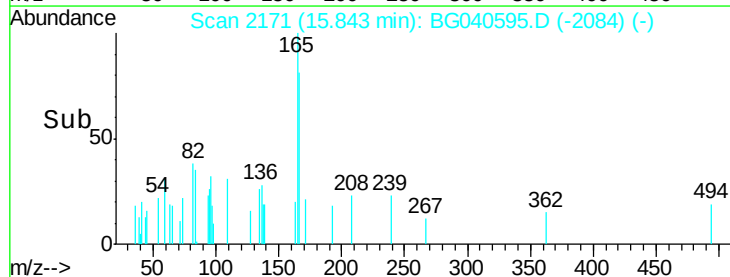
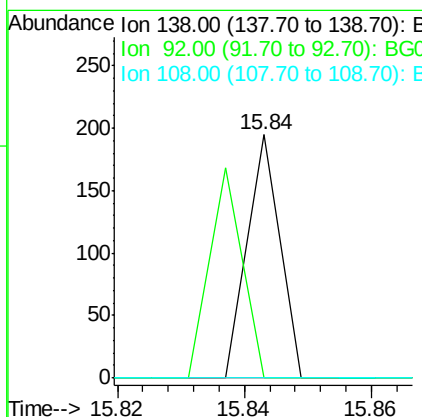
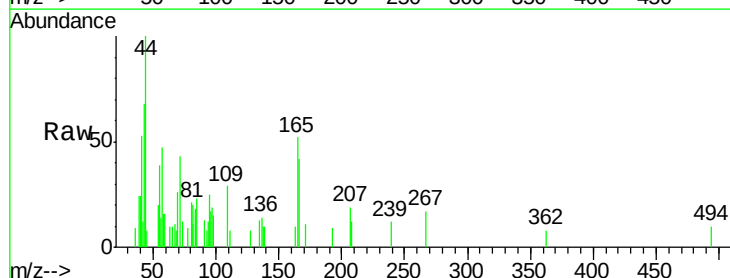
Instrument :
BNA_G
ClientSampled :

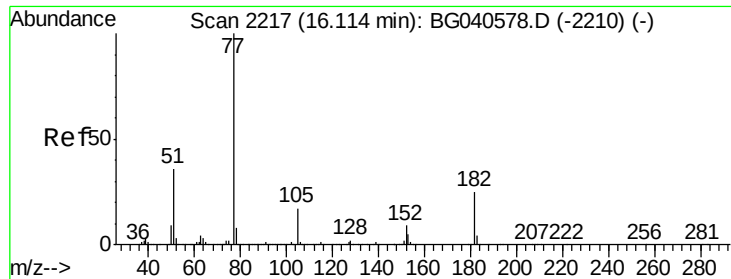
Tot Ion:204 Resp: 66
Ion Ratio Lower Upper
204 100
206 0.0 27.4 41.2#
141 0.0 46.0 69.0#



#62
4-Nitroaniline
Concen: 0.024 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

Tgt Ion:138 Resp: 69
Ion Ratio Lower Upper
138 100
92 0.0 43.9 83.9#
108 0.0 106.5 146.5#





#63

Azobenzene

Concen: 0.006 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG040595.D

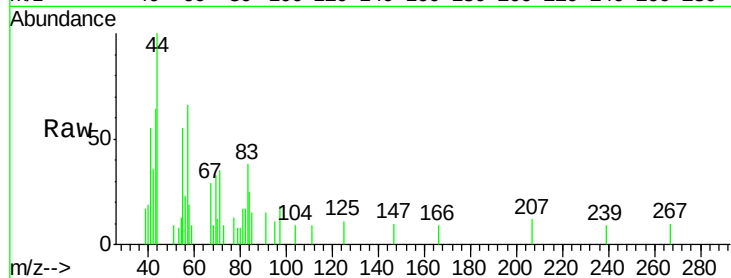
Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampled :

Tot Ion:	77	Resp:	87
Ion	Ratio	Lower	Upper
77	100		
182	0.0	5.0	45.0#
105	0.0	0.0	37.6
51	69.2	16.3	56.3#

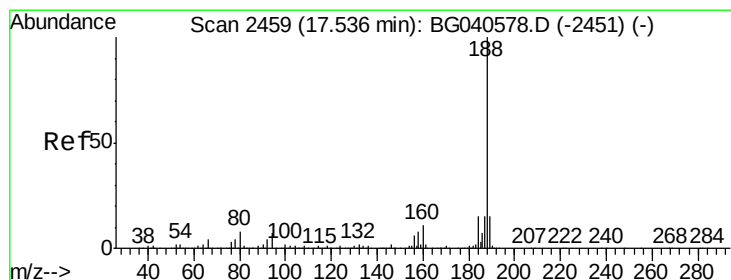
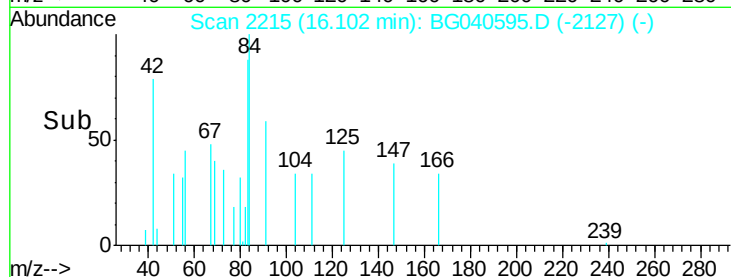
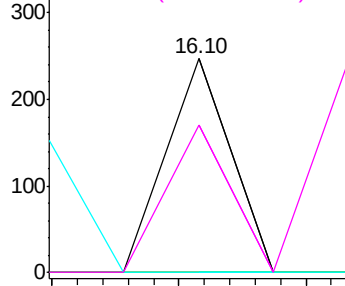


Abundance Ion 77.00 (76.70 to 77.70): BGC

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

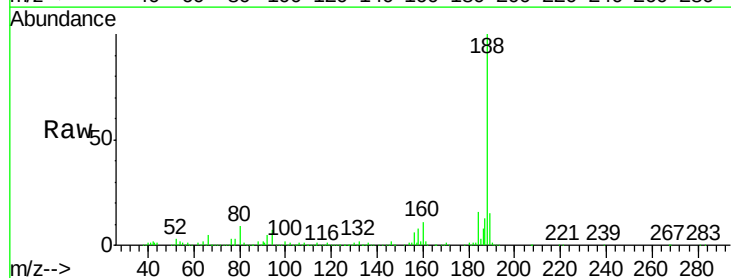
RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

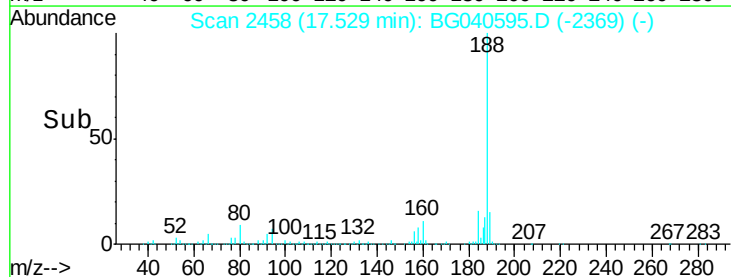
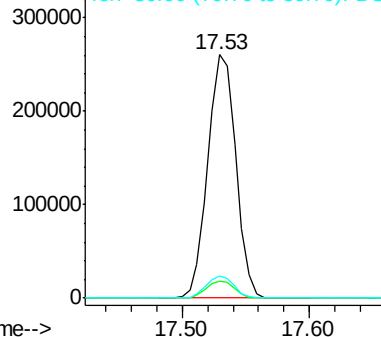
Tgt Ion:	188	Resp:	398563
Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.6	8.4
80	9.2	6.4	9.6

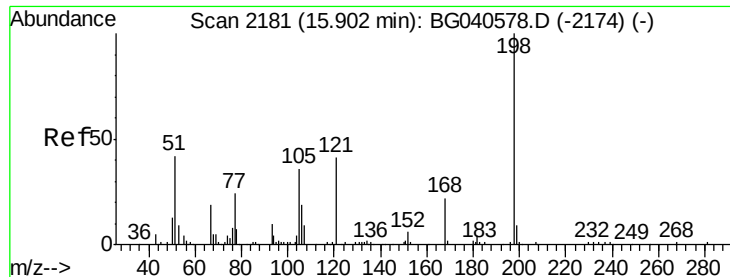


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 7.125 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.13 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampled :

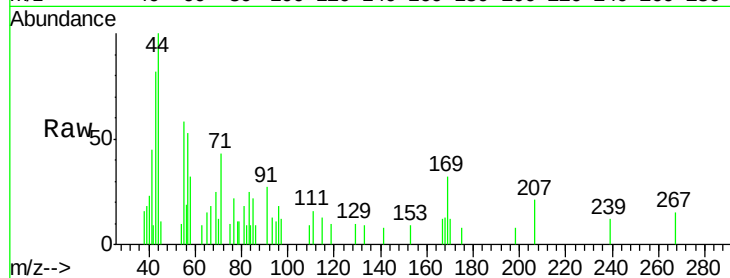
Tot Ion:198 Resp: 55

Ion Ratio Lower Upper

198 100

51 0.0 35.9 75.9#

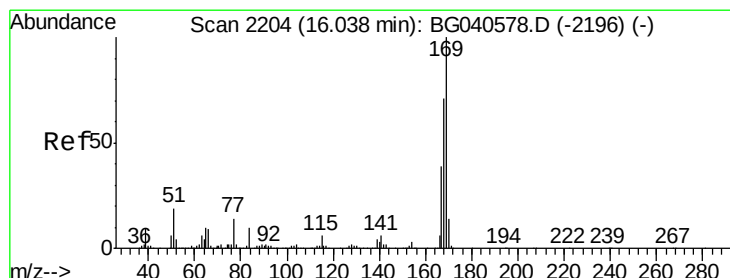
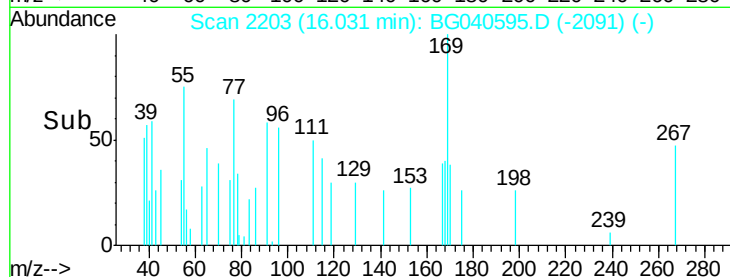
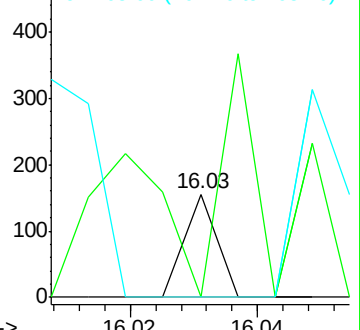
105 0.0 21.2 61.2#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.094 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

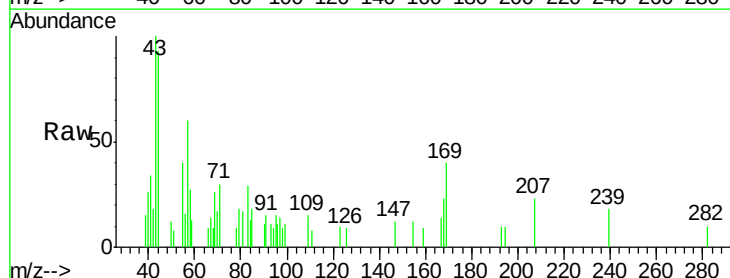
Tgt Ion:169 Resp: 1099

Ion Ratio Lower Upper

169 100

168 56.5 56.8 85.2#

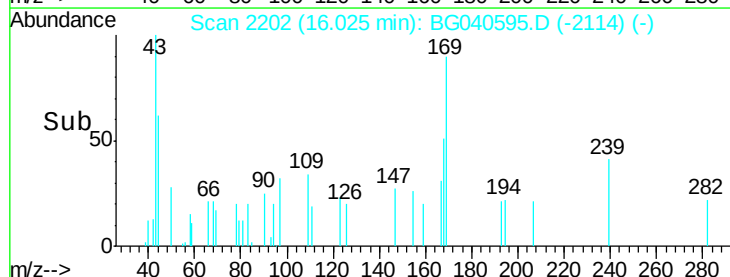
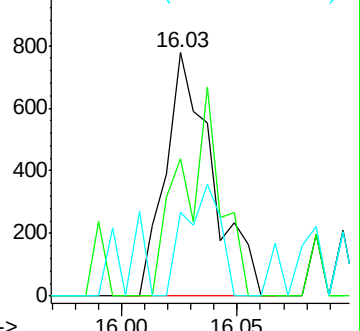
167 34.4 31.4 47.0

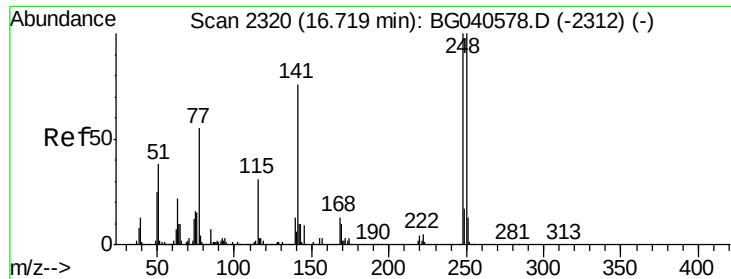


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

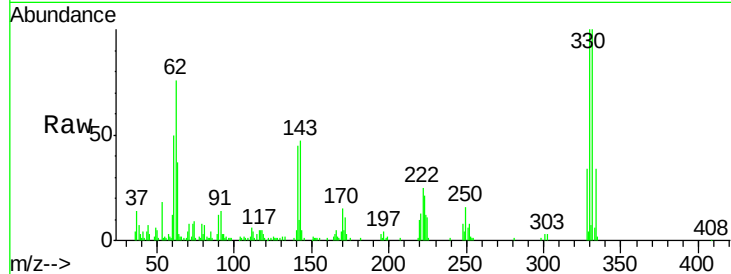




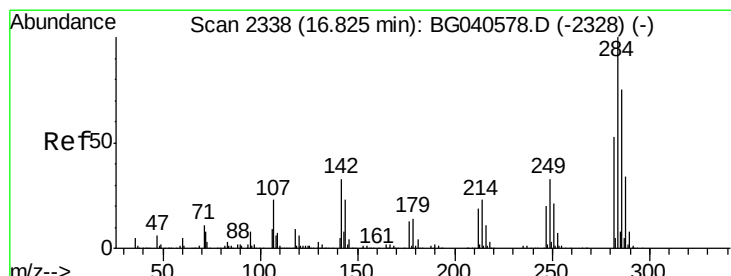
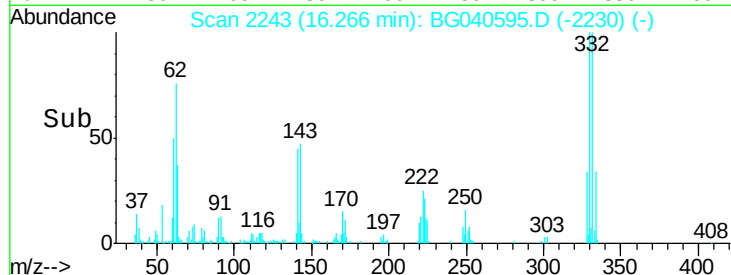
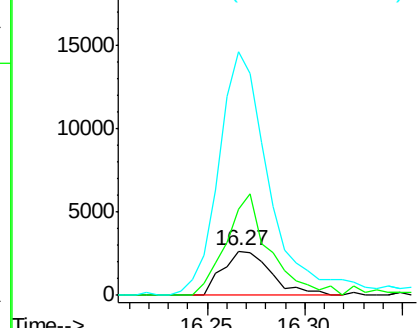
#67
 4-Bromophenyl-phenylether
 Concen: 0.917 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG040595.D
 Acq: 24 Apr 2019 16:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 4552
 Ion Ratio Lower Upper
 248 100
 250 264.3 79.8 119.6#
 141 552.7 60.8 91.2#

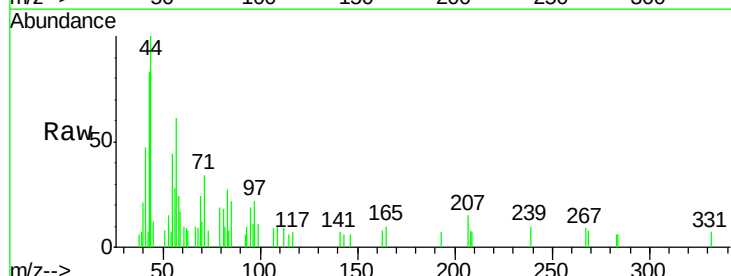


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

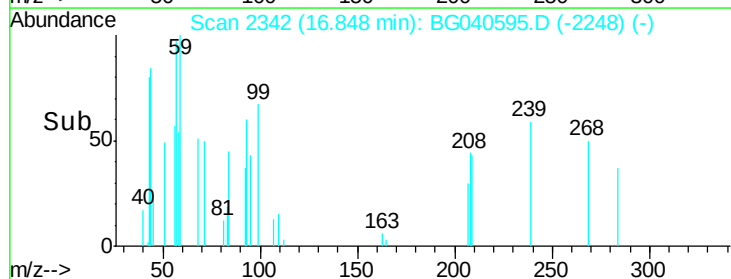
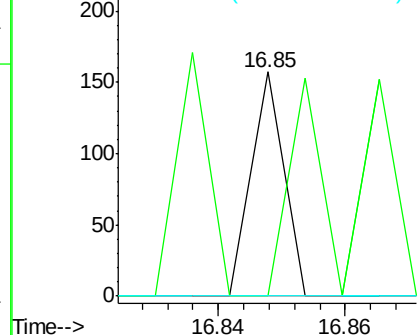


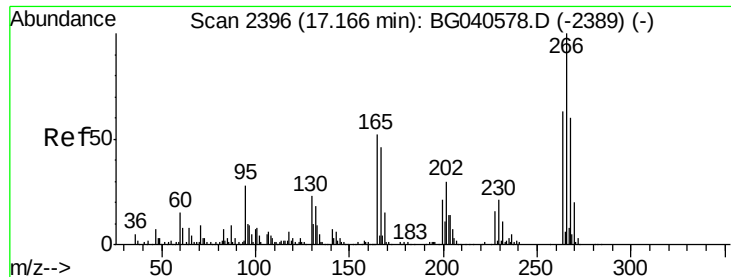
#68
 Hexachlorobenzene
 Concen: 0.011 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. 0.02 min
 Lab File: BG040595.D
 Acq: 24 Apr 2019 16:01

Tgt Ion:284 Resp: 55
 Ion Ratio Lower Upper
 284 100
 142 0.0 26.6 40.0#
 249 0.0 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

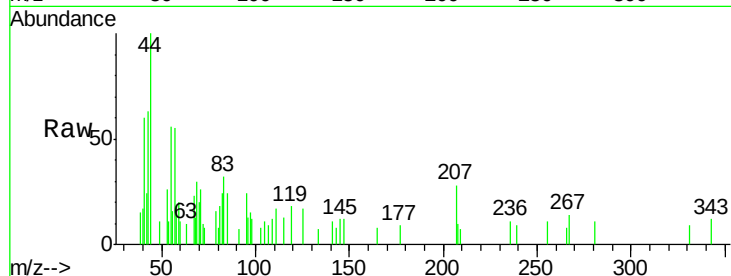




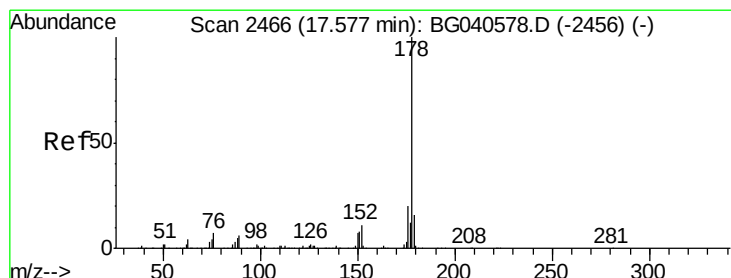
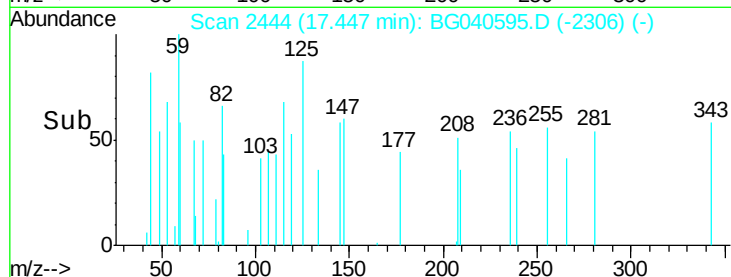
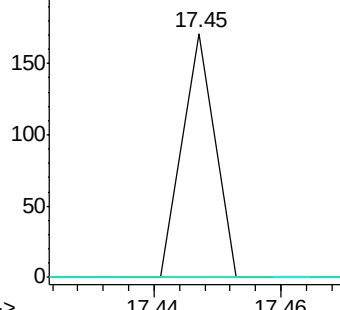
#70
 Pentachlorophenol
 Concen: 0.020 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. 0.28 min
 Lab File: BG040595.D
 Acq: 24 Apr 2019 16:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:266 Resp: 60
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.3 78.5#
 264 0.0 50.0 75.0#

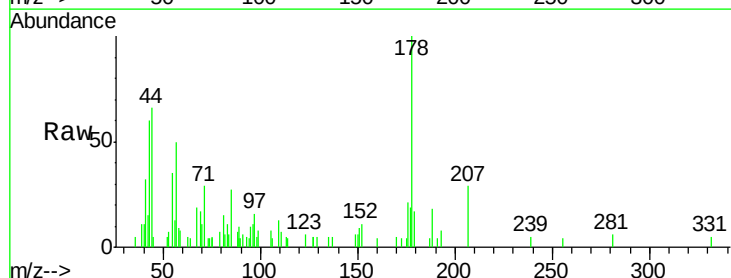


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

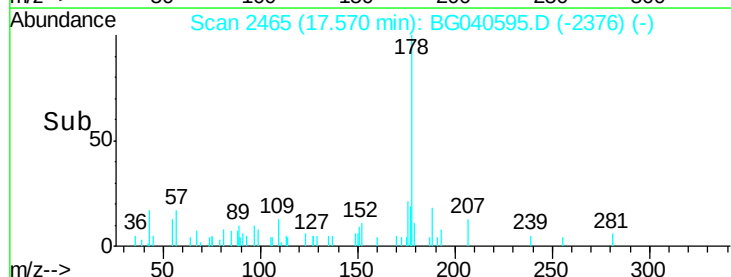
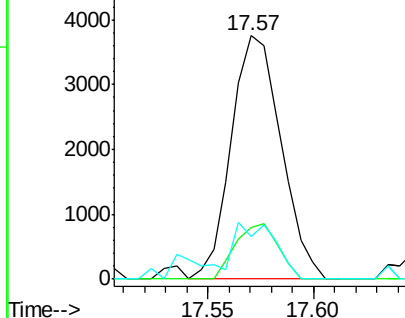


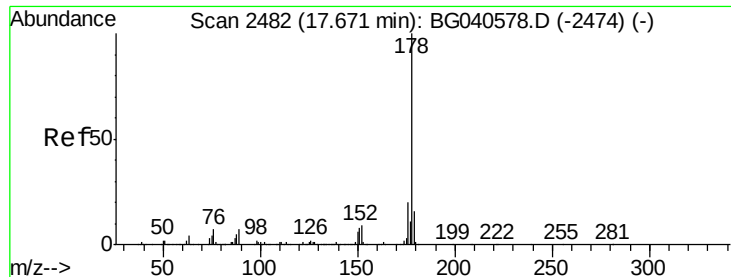
#71
 Phenanthrene
 Concen: 0.286 ng
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BG040595.D
 Acq: 24 Apr 2019 16:01

Tgt Ion:178 Resp: 6146
 Ion Ratio Lower Upper
 178 100
 176 21.1 15.8 23.6
 179 17.3 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: 0.285 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.10 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

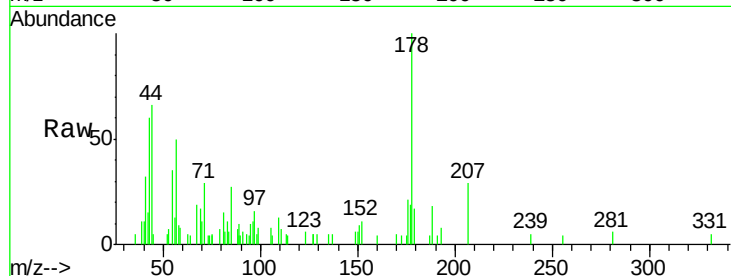
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 6146

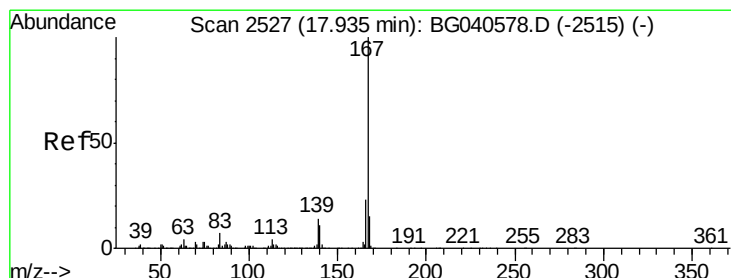
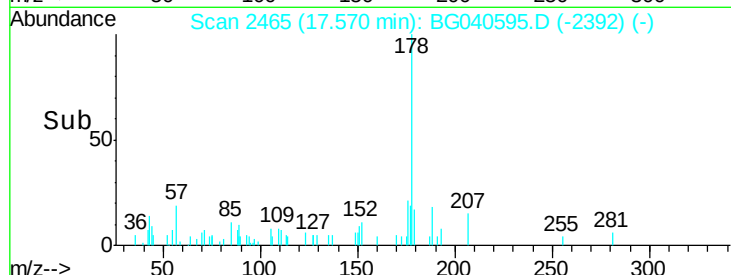
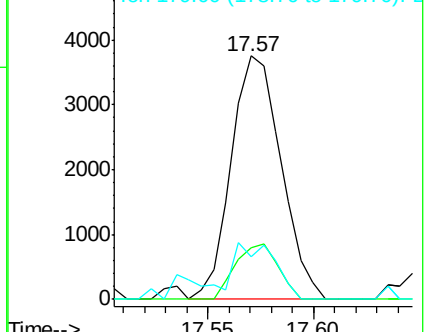
Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.6	23.4
179	17.3	12.9	19.3



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: 0.043 ng

RT: 17.92 min Scan# 2524

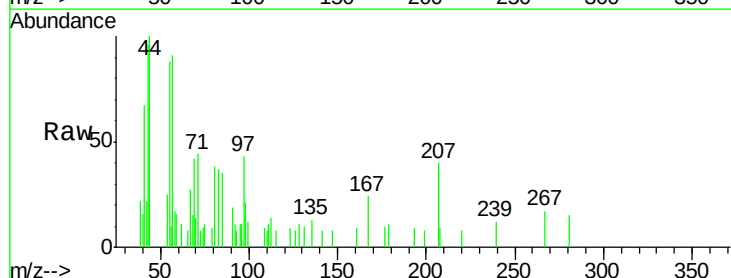
Delta R.T. -0.02 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Tgt Ion:167 Resp: 849

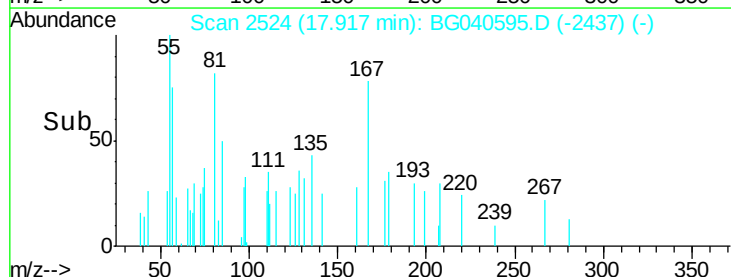
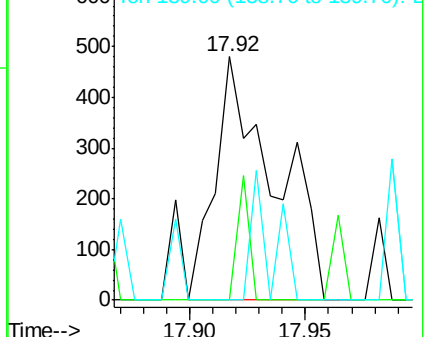
Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.2	27.4#
139	0.0	11.4	17.0#

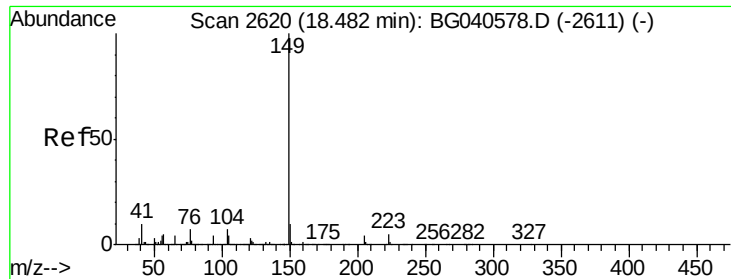


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.114 ng

RT: 18.48 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampleId :

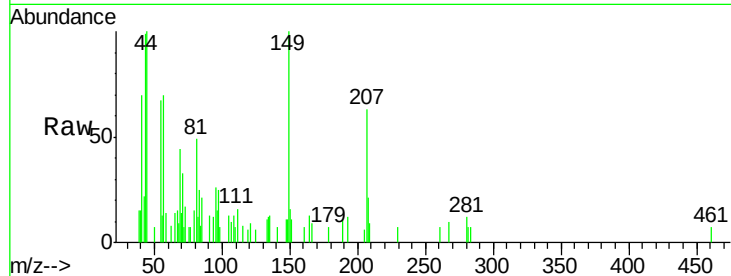
Tot Ion:149 Resp: 2710

Ion Ratio Lower Upper

149 100

150 15.7 8.2 12.2#

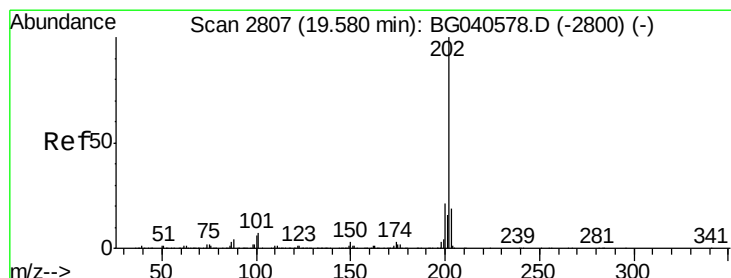
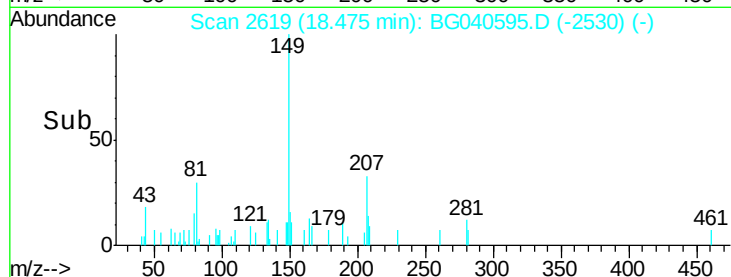
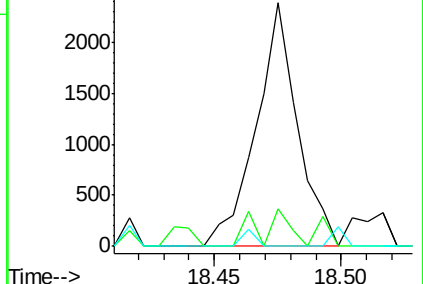
104 0.0 5.4 8.2#



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: 0.225 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

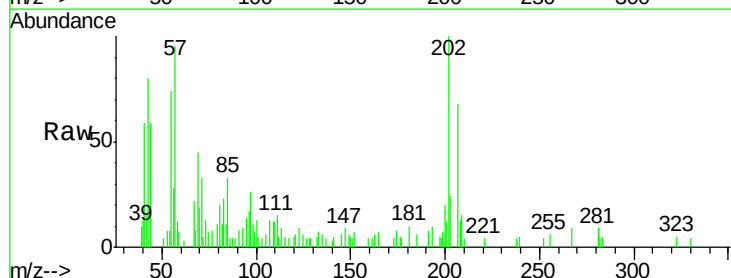
Tgt Ion:202 Resp: 6010

Ion Ratio Lower Upper

202 100

101 5.3 0.0 27.5

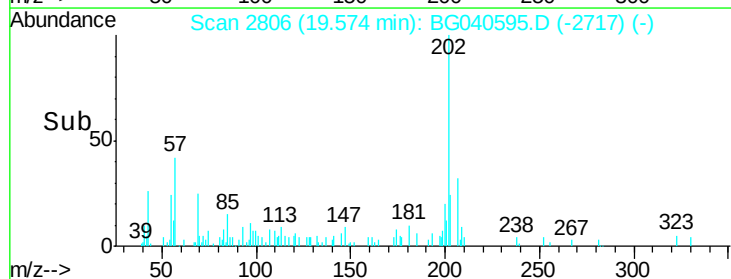
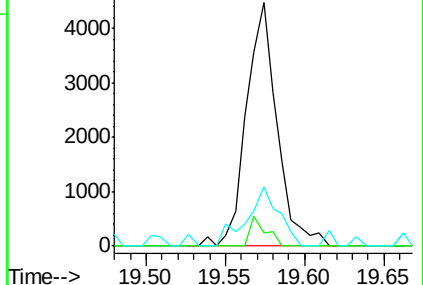
203 24.2 0.0 39.3

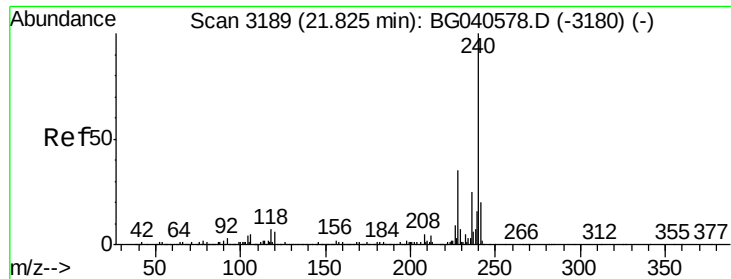


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

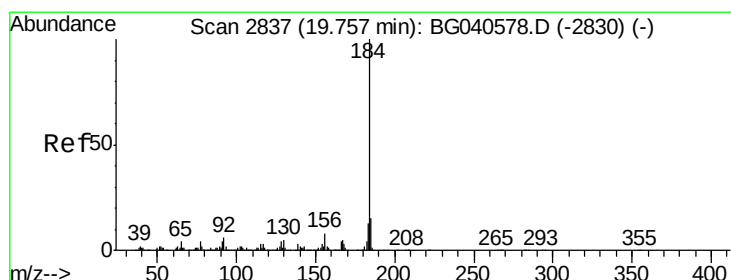
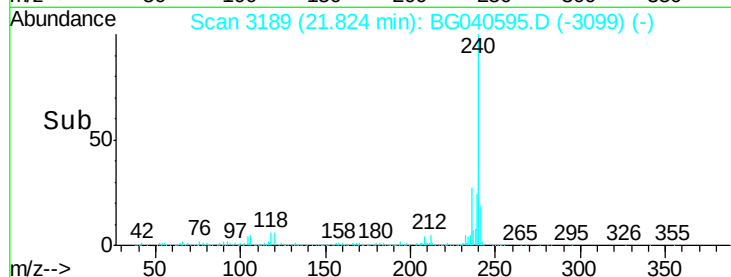
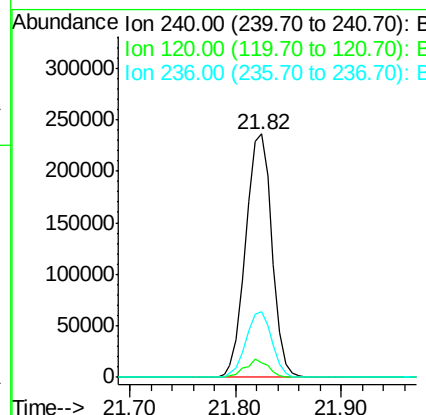
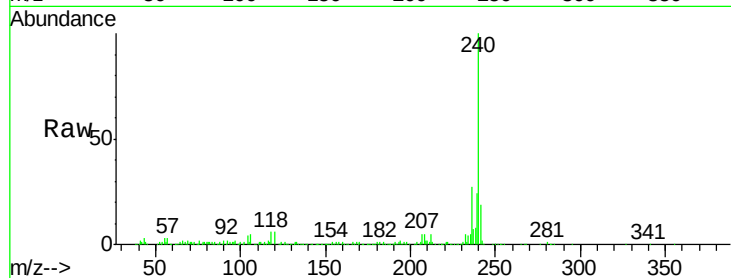




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.00 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

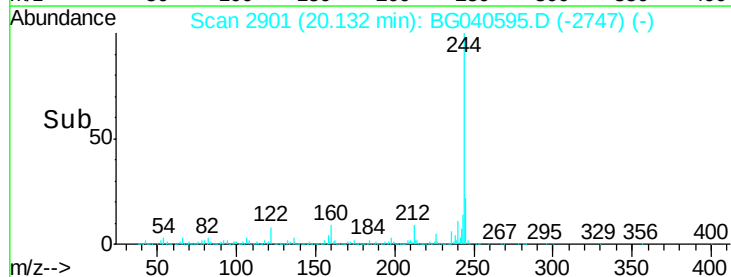
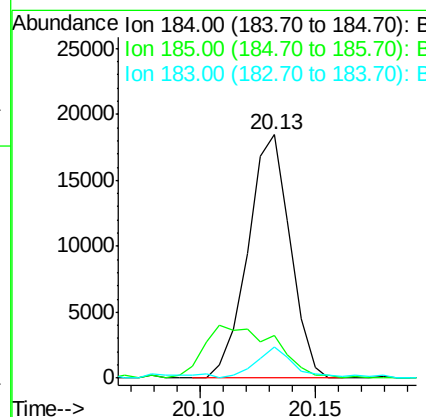
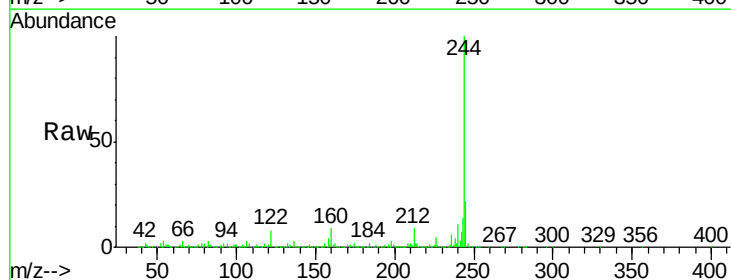
Instrument :
BNA_G
ClientSampleId :

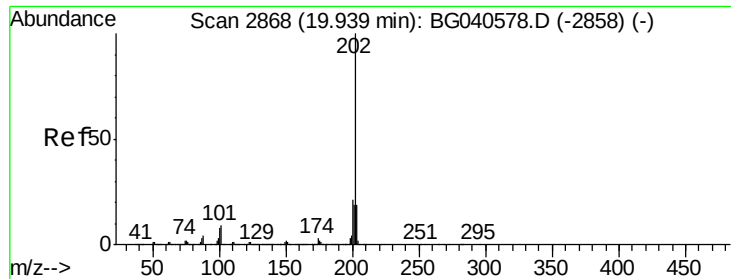
Tot Ion:240 Resp: 406619
Ion Ratio Lower Upper
240 100
120 6.1 5.0 7.6
236 27.1 20.3 30.5



#77
Benzidine
Concen: 2.114 ng
RT: 20.13 min Scan# 2901
Delta R.T. 0.38 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

Tgt Ion:184 Resp: 23532
Ion Ratio Lower Upper
184 100
185 17.6 11.8 17.8
183 12.7 10.2 15.2





#78

Pvrene

Concen: 0.207 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampleId :

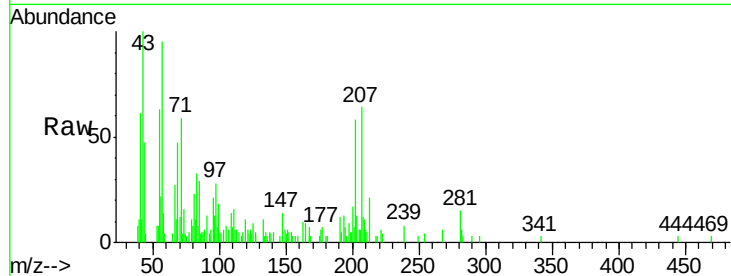
Tot Ion:202 Resp: 5281

Ion Ratio Lower Upper

202 100

200 29.9 17.2 25.8#

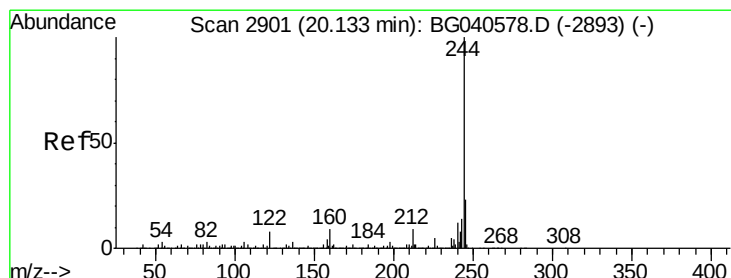
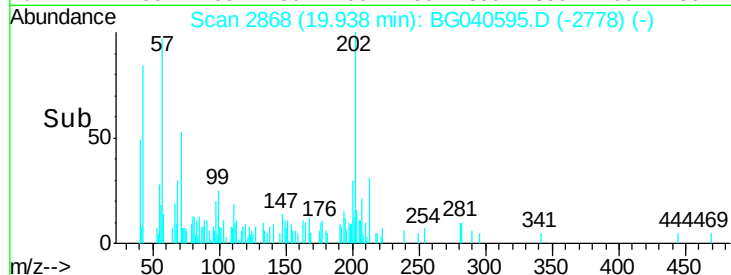
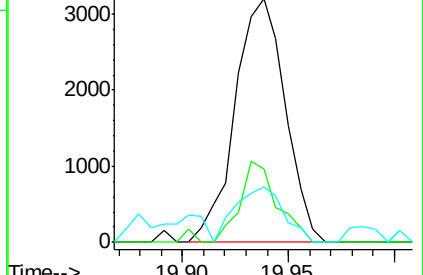
203 22.6 15.0 22.4#



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: 65.665 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.00 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

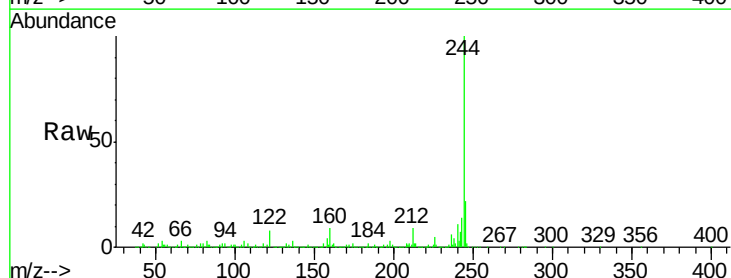
Tgt Ion:244 Resp: 1205216

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

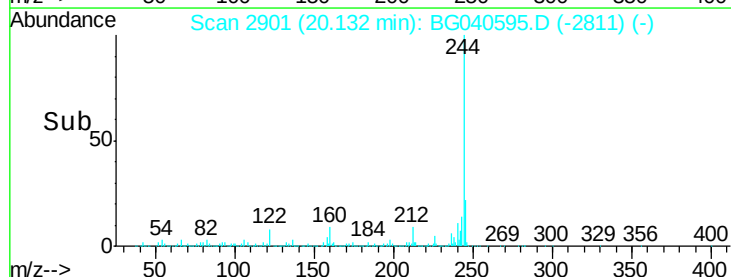
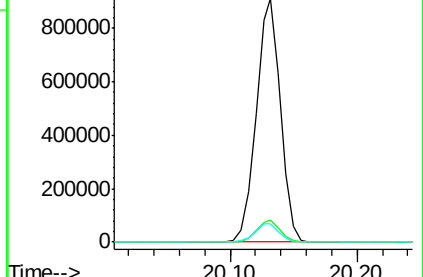
122 7.7 6.6 10.0

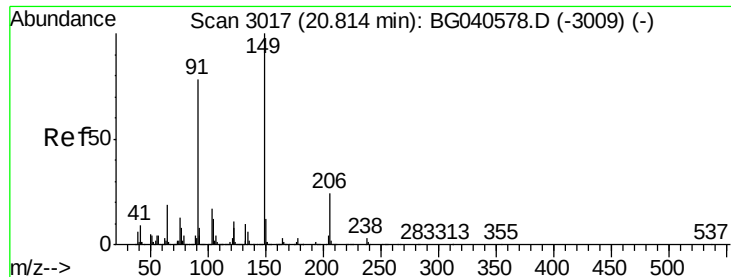


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

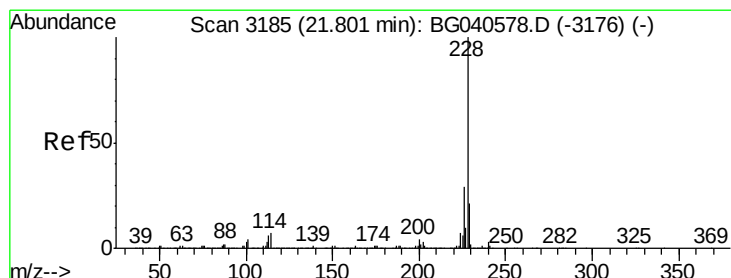
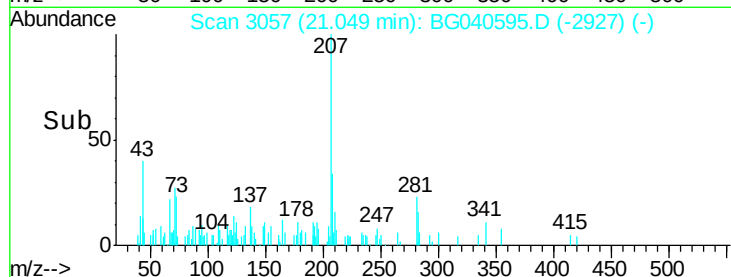
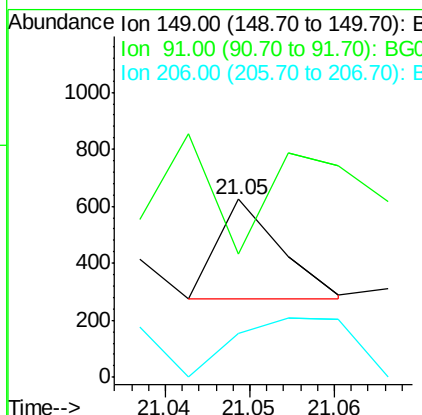
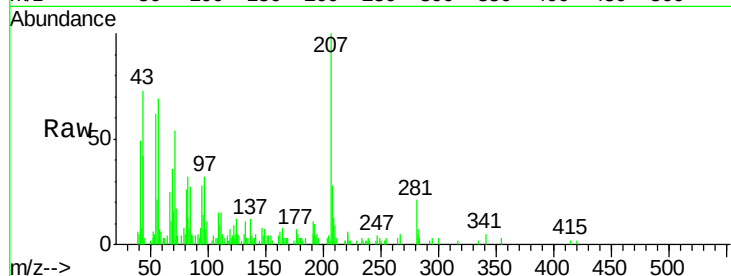




#80
Butylbenzylphthalate
Concen: 0.018 ng
RT: 21.05 min Scan# 3057
Delta R.T. 0.23 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

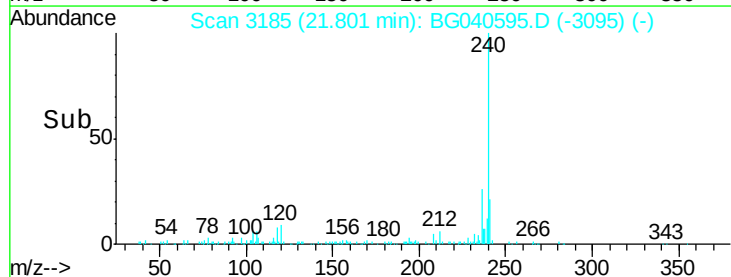
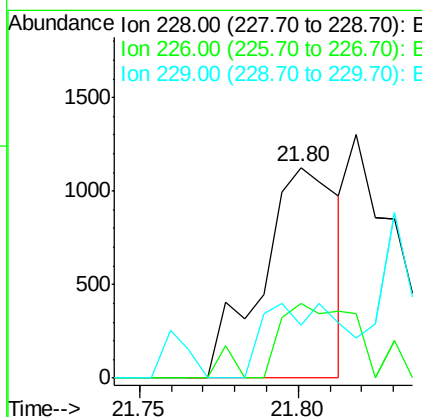
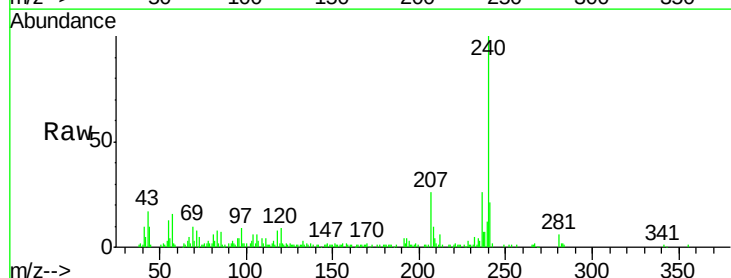
Instrument :
BNA_G
ClientSampled :

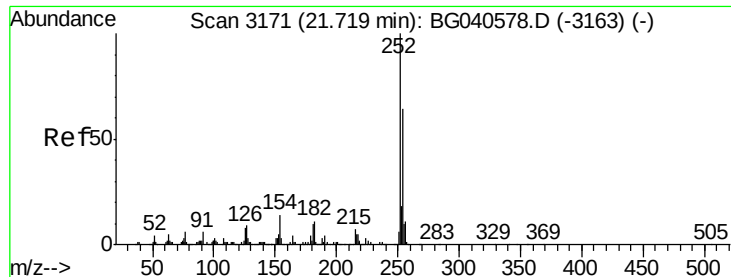
Tot Ion:149 Resp: 180
Ion Ratio Lower Upper
149 100
91 69.3 62.6 93.8
206 24.3 19.4 29.2



#81
Benzo(a)anthracene
Concen: 0.073 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BG040595.D
Acq: 24 Apr 2019 16:01

Tgt Ion:228 Resp: 1871
Ion Ratio Lower Upper
228 100
226 35.4 23.1 34.7#
229 25.2 17.0 25.4





#82

3,3'-Dichlorobenzidine

Concen: 0.049 ng

RT: 21.72 min Scan# 3172

Delta R.T. 0.01 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampled :

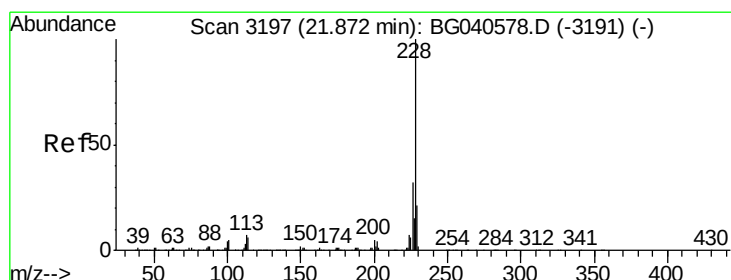
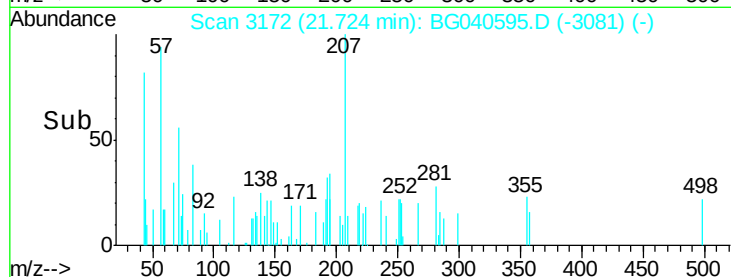
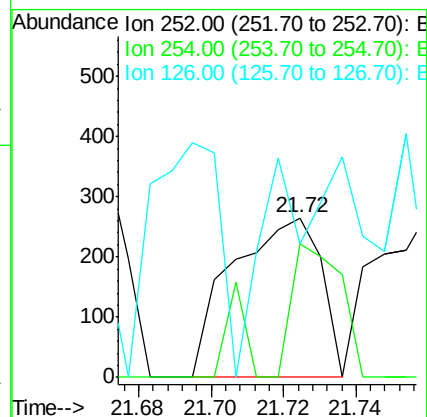
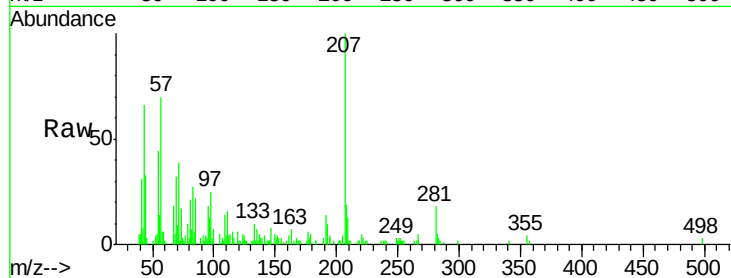
Tot Ion:252 Resp: 451

Ion Ratio Lower Upper

252 100

254 43.5 51.2 76.8#

126 43.7 6.6 10.0#



#83

Chrysene

Concen: 0.077 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.07 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

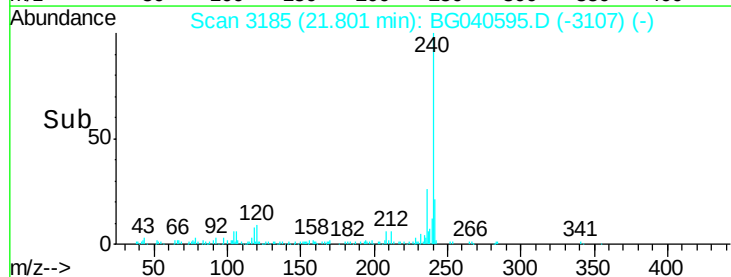
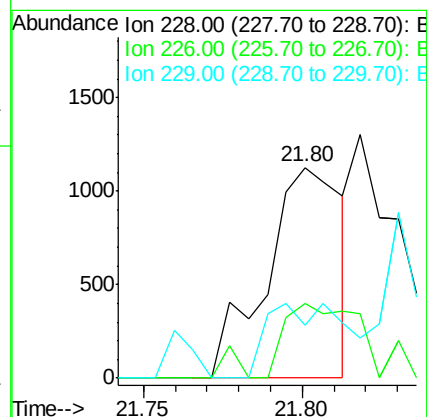
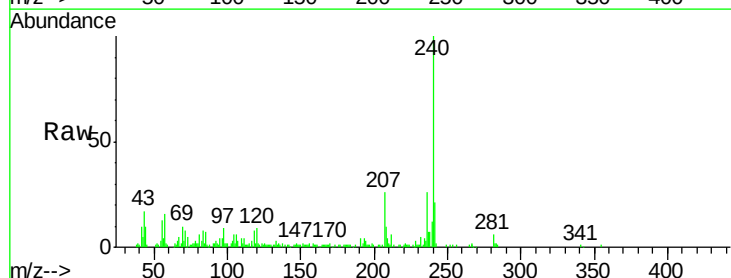
Tgt Ion:228 Resp: 1871

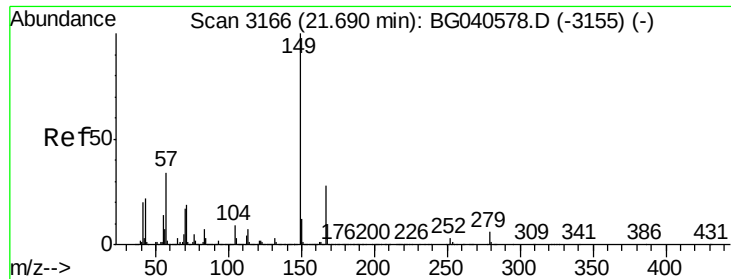
Ion Ratio Lower Upper

228 100

226 35.4 25.5 38.3

229 25.2 16.8 25.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.222 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampled :

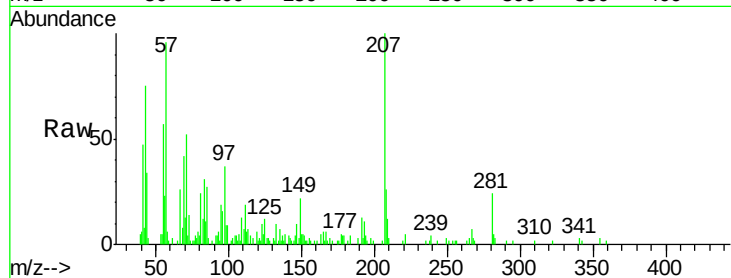
Tot Ion:149 Resp: 3186

Ion Ratio Lower Upper

149 100

167 27.4 22.4 33.6

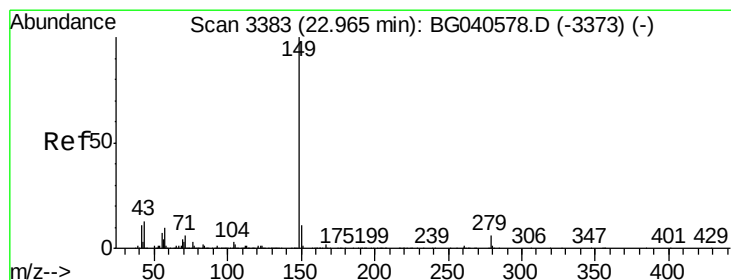
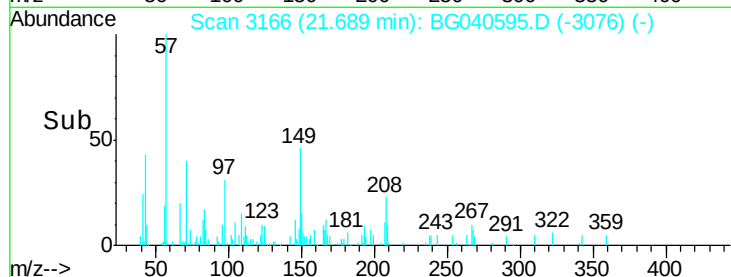
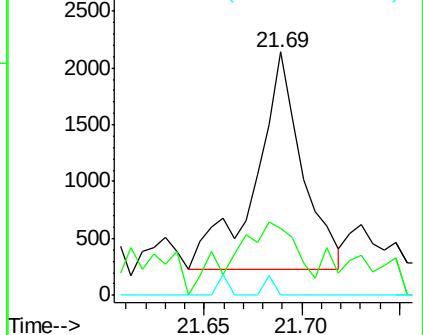
279 0.0 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.026 ng

RT: 22.96 min Scan# 3383

Delta R.T. -0.00 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

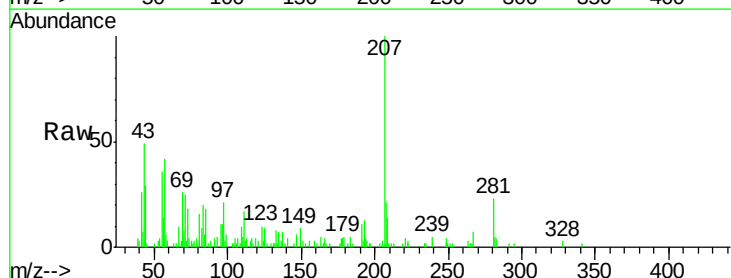
Tgt Ion:149 Resp: 622

Ion Ratio Lower Upper

149 100

167 125.6 1.4 2.2#

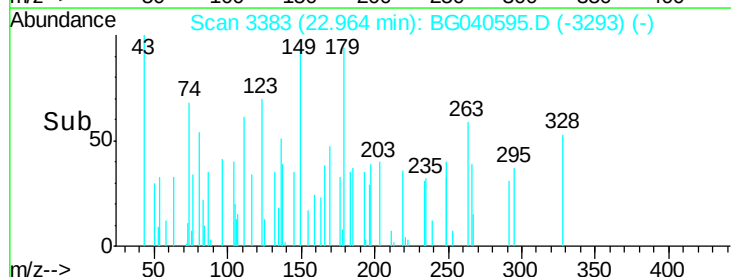
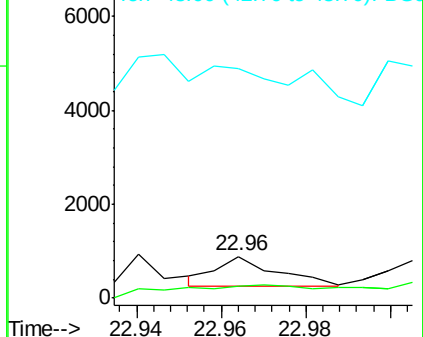
43 0.0 10.2 15.2#

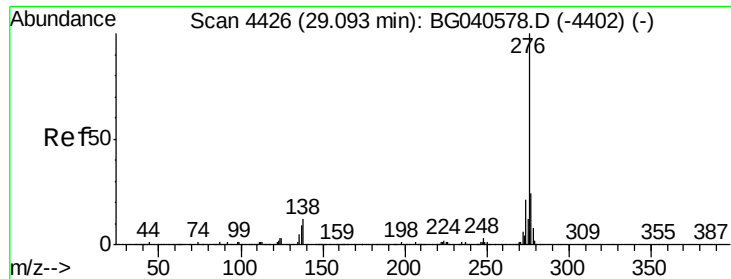


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.007 ng

RT: 29.11 min Scan# 4429

Delta R.T. 0.02 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampleId :

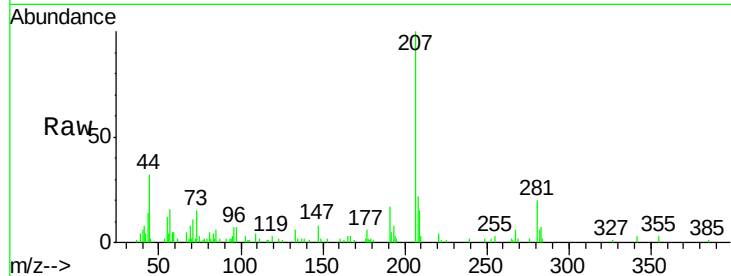
Tot Ion:276 Resp: 206

Ion Ratio Lower Upper

276 100

138 0.0 9.8 14.6#

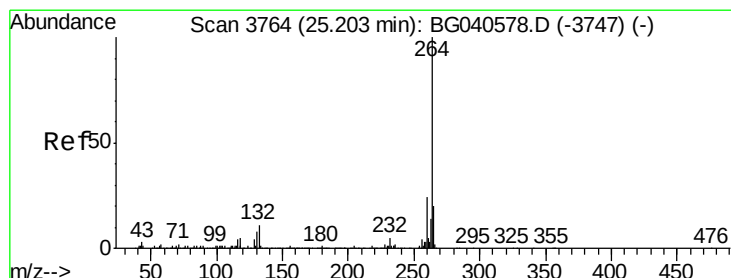
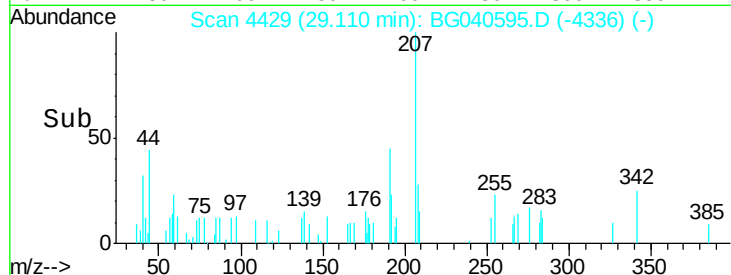
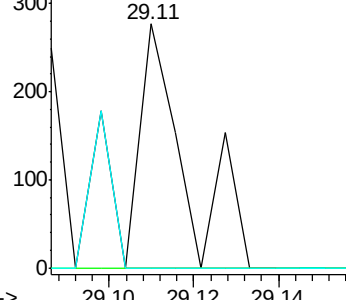
277 30.6 17.3 25.9#



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

Perylene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3763

Delta R.T. -0.01 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

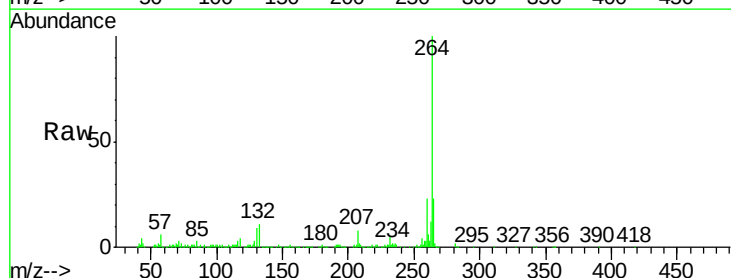
Tgt Ion:264 Resp: 436162

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

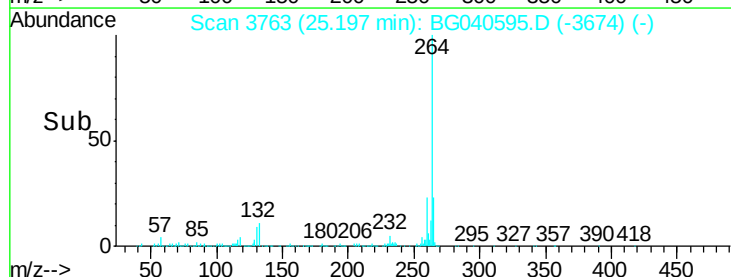
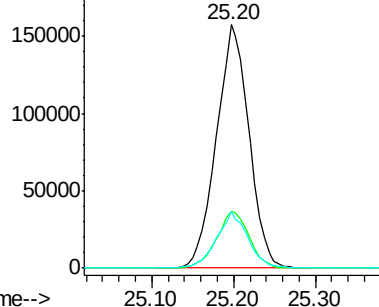
265 23.2 16.6 25.0

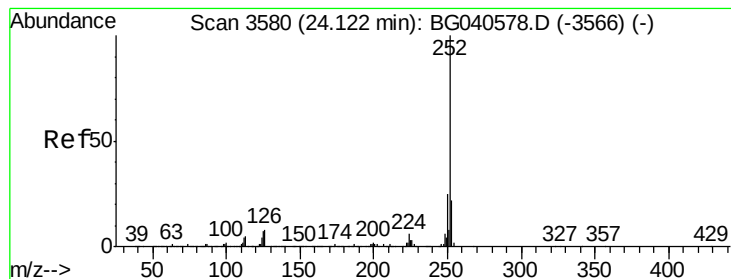


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.053 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampleId :

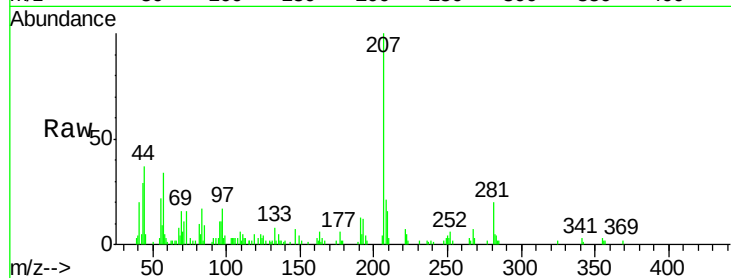
Tot Ion:252 Resp: 1401

Ion Ratio Lower Upper

252 100

253 34.6 17.6 26.4#

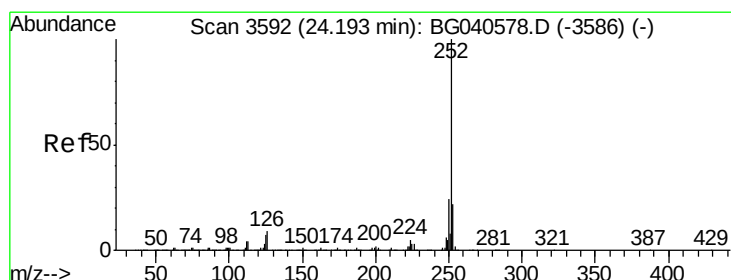
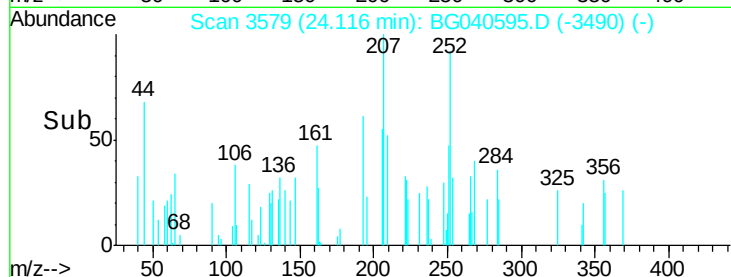
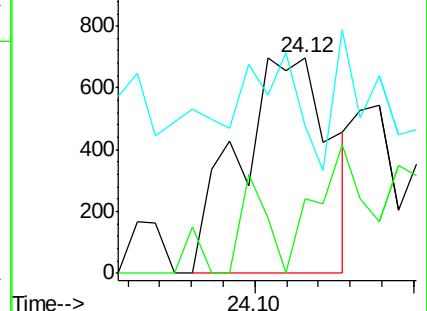
125 68.4 5.4 8.0#



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: 0.009 ng

RT: 24.17 min Scan# 3588

Delta R.T. -0.02 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

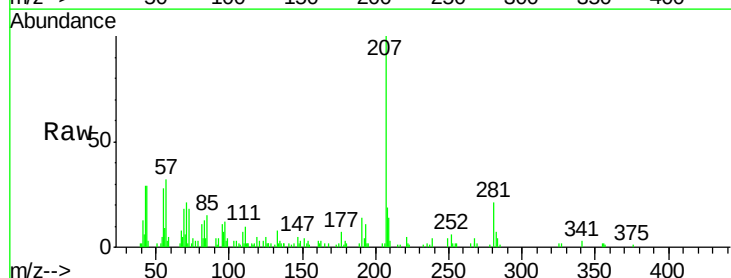
Tgt Ion:252 Resp: 232

Ion Ratio Lower Upper

252 100

253 29.7 17.6 26.4#

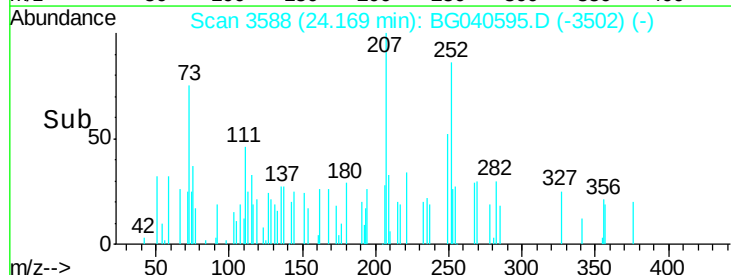
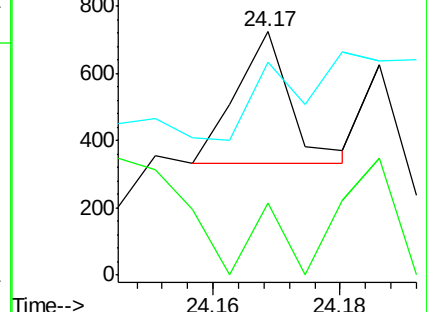
125 87.6 5.5 8.3#

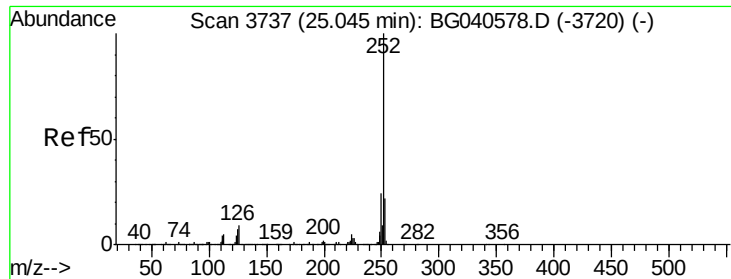


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.077 ng

RT: 25.03 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

Instrument :

BNA_G

ClientSampleId :

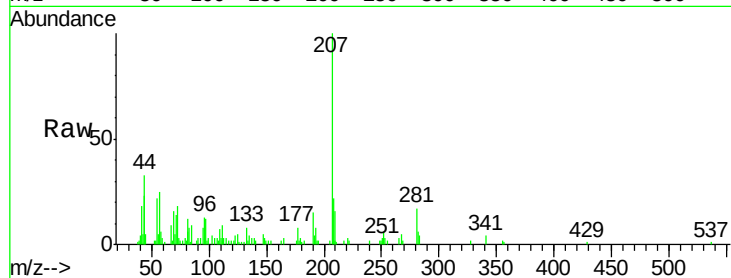
Tot Ion:252 Resp: 1937

Ion Ratio Lower Upper

252 100

253 53.2 17.8 26.6#

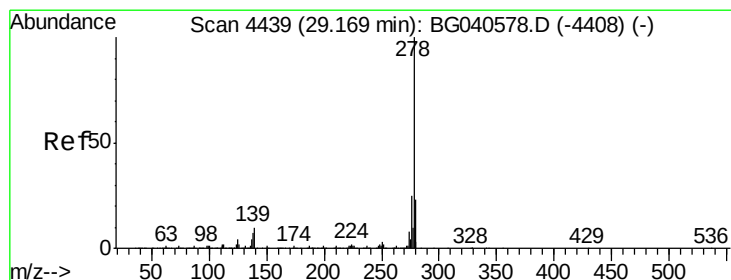
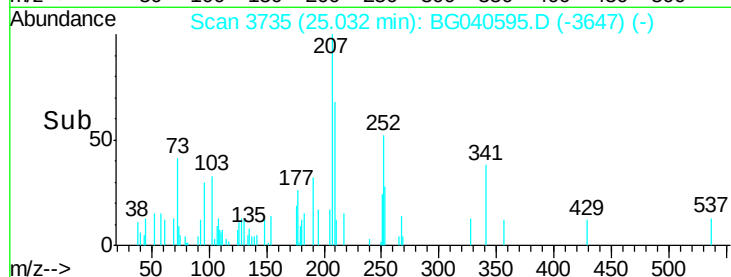
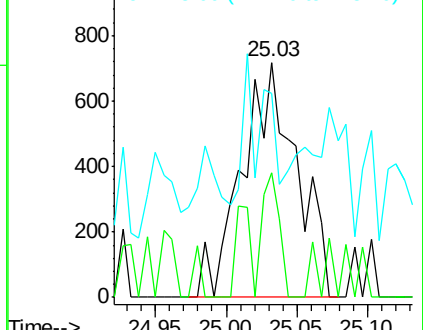
125 87.0 5.7 8.5#



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



#91

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 29.17 min Scan# 4439

Delta R.T. -0.00 min

Lab File: BG040595.D

Acq: 24 Apr 2019 16:01

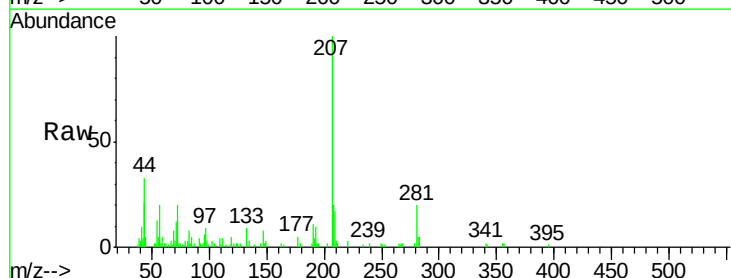
Tgt Ion:278 Resp: 77

Ion Ratio Lower Upper

278 100

139 71.7 8.2 12.4#

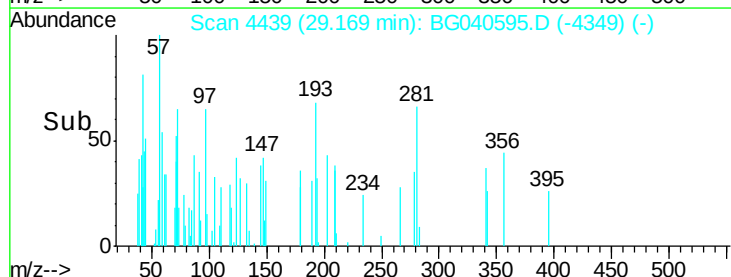
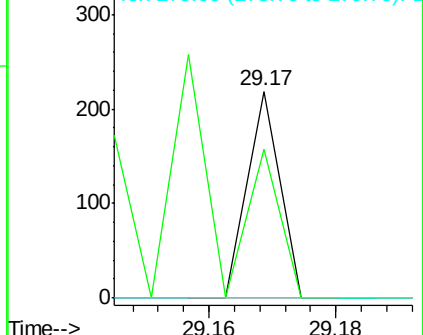
279 0.0 18.5 27.7#

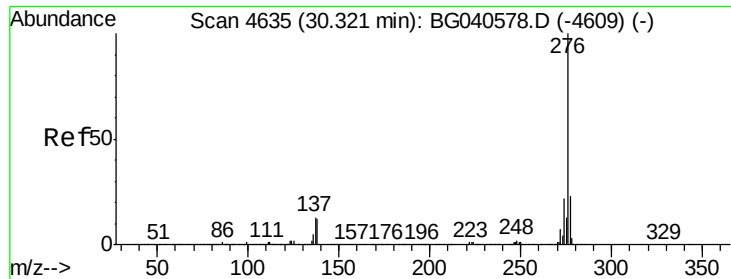


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 0.009 ng
 RT: 30.31 min Scan# 4634
 Delta R.T. -0.01 min
 Lab File: BG040595.D
 Acq: 24 Apr 2019 16:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.4	27.6#
138	0.0	9.8	14.6#

