

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042419\
 Data File : BG040599.D
 Acq On : 24 Apr 2019 18:33
 Operator : JU/SJ
 Sample : K2200-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 01:03:26 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	42822	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	172288	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	126669	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	335468	20.00	ng	0.00
76) Chrysene-d12	21.82	240	354346	20.00	ng	0.00
87) Perylene-d12	25.19	264	376819	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	326383	134.36	ng	0.00
7) Phenol-d6	7.29	99	451026	120.58	ng	0.00
23) Nitrobenzene-d5	9.34	82	362736	97.28	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	246831	141.77	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	765908	87.32	ng	0.00
79) Terphenyl-d14	20.13	244	1577165	98.61	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	251	0.227	ng	# 1
3) Pyridine	3.97	79	81	0.025	ng	# 1
4) n-Nitrosodimethylamine	3.89	42	687	0.387	ng	# 1
6) Aniline	7.47	93	64	0.013	ng	# 39
8) 2-Chlorophenol	7.71	128	120	0.040	ng	# 1
9) Benzaldehyde	7.30	77	1440	Below Cal		# 22
10) Phenol	7.29	94	205	0.051	ng	# 1
11) bis(2-Chloroethyl)ether	7.60	93	74	0.025	ng	# 15
12) 1,3-Dichlorobenzene	7.80	146	66	0.020	ng	# 25
13) 1,4-Dichlorobenzene	7.80	146	66	0.020	ng	# 24
14) 1,2-Dichlorobenzene	8.73	146	67	0.021	ng	# 23
15) Benzyl Alcohol	8.40	79	574	0.147	ng	# 55
16) 2,2'-oxybis(1-Chloropropan	8.73	45	151	0.025	ng	# 72
17) 2-Methylphenol	8.60	107	56	0.020	ng	# 16
18) Hexachloroethane	9.26	117	54	0.040	ng	# 29
19) n-Nitroso-di-n-propylamine	9.33	70	54631	16.225	ng	# 78
20) 3+4-Methylphenols	8.94	107	58	0.015	ng	# 20
22) Acetophenone	8.98	105	454	0.095	ng	# 8
24) Nitrobenzene	9.33	77	1651	0.415	ng	# 31
25) Isophorone	9.89	82	434	0.052	ng	# 68
26) 2-Nitrophenol	10.06	139	63	0.044	ng	# 23
27) 2,4-Dimethylphenol	10.16	122	7072	2.643	ng	# 1
28) bis(2-Chloroethoxy)methane	10.41	93	70	0.017	ng	# 5
31) Naphthalene	11.03	128	1114	0.122	ng	# 68
32) Benzoic acid	10.16	122	7072	3.861	ng	# 92
33) 4-Chloroaniline	11.22	127	131	0.032	ng	# 39
34) Hexachlorobutadiene	11.54	225	54	0.022	ng	# 19
35) Caprolactam	11.94	113	60	0.050	ng	# 1
36) 4-Chloro-3-methylphenol	12.26	107	59	0.015	ng	# 25
37) 2-Methylnaphthalene	12.62	142	293	0.043	ng	# 69
38) 1-Methylnaphthalene	12.85	142	304	0.045	ng	# 52
40) 1,2,4,5-Tetrachlorobenzene	13.20	216	66	0.014	ng	# 25
41) Hexachlorocyclopentadiene	12.90	237	91	0.033	ng	# 27
43) 2,4,6-Trichlorophenol	13.01	196	54	0.019	ng	# 13

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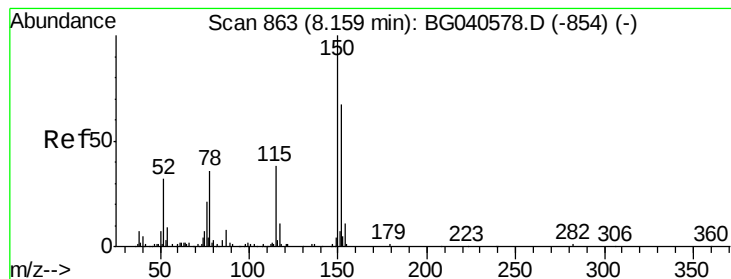
Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 01:03:26 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	

44) 2,4,5-Trichlorophenol	13.01	196	54	0.017	nq	#	1
46) 1,1'-Biphenyl	13.63	154	1274	0.130	nq		73
47) 2-Chloronaphthalene	13.77	162	56	0.007	nq	#	37
48) 2-Nitroaniline	13.88	65	70	0.026	nq	#	14
49) Acenaphthylene	14.51	152	114	0.009	nq	#	1
50) Dimethylphthalate	14.28	163	71	0.007	nq	#	75
51) 2,6-Dinitrotoluene	14.78	165	16412	7.935	nq	#	15
52) Acenaphthene	14.86	154	110	0.014	nq	#	1
53) 3-Nitroaniline	14.80	138	73	0.034	nq	#	1
55) Dibenzofuran	15.19	168	62	0.005	nq	#	42
56) 4-Nitrophenol	15.05	139	65	0.035	nq	#	1
57) 2,4-Dinitrotoluene	14.78	165	16412	5.839	nq	#	17
58) Fluorene	15.39	166	477	0.047	nq	#	75
59) 2,3,4,6-Tetrachlorophenol	15.39	232	1466	0.469	nq	#	84
60) Diethylphthalate	15.58	149	644	0.058	nq	#	31
61) 4-Chlorophenyl-phenylether	16.18	204	64	0.011	nq	#	29
62) 4-Nitroaniline	15.85	138	57	0.024	nq	#	1
63) Azobenzene	16.12	77	312	0.027	nq	#	47
65) 4,6-Dinitro-2-methylphenol	16.00	198	90	7.148	nq	#	42
66) n-Nitrosodiphenylamine	16.27	169	9394	0.952	nq	#	47
67) 4-Bromophenyl-phenylether	16.27	248	18423	4.408	nq	#	1
68) Hexachlorobenzene	17.14	284	55	0.013	nq	#	42
69) Atrazine	16.96	200	68	0.017	nq	#	35
70) Pentachlorophenol	17.16	266	3141	1.242	nq	#	84
71) Phenanthrene	17.57	178	784	0.043	nq	#	60
72) Anthracene	17.66	178	102	0.006	nq	#	59
73) Carbazole	17.94	167	65	0.004	nq	#	58
74) Di-n-butylphthalate	18.47	149	2773	0.139	nq	#	83
75) Fluoranthene	19.57	202	205	0.009	nq		63
77) Benzidine	20.13	184	29762	3.068	nq	#	95
78) Pyrene	20.13	202	7095	0.319	nq	#	75
80) Butylbenzylphthalate	20.79	149	279	0.032	nq	#	72
81) Benzo(a)anthracene	21.82	228	1485	0.066	nq	#	47
82) 3,3'-Dichlorobenzidine	21.72	252	546	0.068	nq	#	92
83) Chrysene	21.82	228	1485	0.070	nq	#	45
84) Bis(2-ethylhexyl)phthalate	21.69	149	727	0.058	nq	#	53
85) Di-n-octyl phthalate	22.96	149	372	0.018	nq	#	1
86) Indeno(1,2,3-cd)pyrene	29.11	276	68	0.003	nq	#	60
88) Benzo(b)fluoranthene	24.09	252	63	0.003	nq	#	1
89) Benzo(k)fluoranthene	24.16	252	53	0.002	nq	#	60
90) Benzo(a)pyrene	25.02	252	72	0.003	nq	#	60
91) Dibenzo(a,h)anthracene	28.93	278	66	0.003	nq	#	59
92) Benzo(g,h,i)perylene	30.23	276	54	0.002	nq	#	58

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

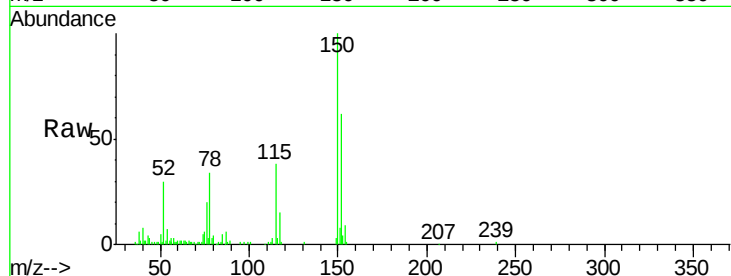


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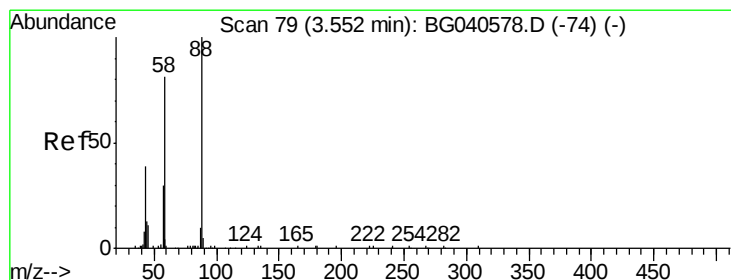
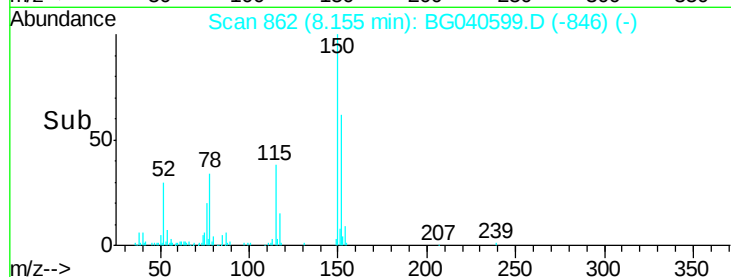
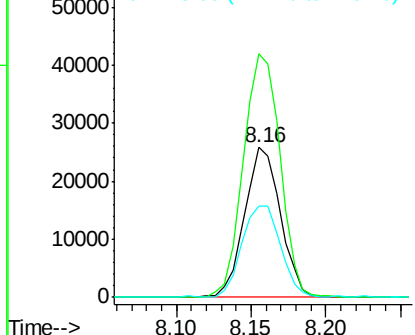
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42822
Ion Ratio Lower Upper
152 100
150 162.5 120.2 180.2
115 61.0 46.2 69.2



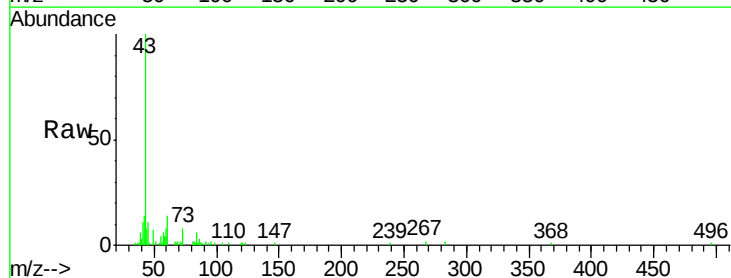
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



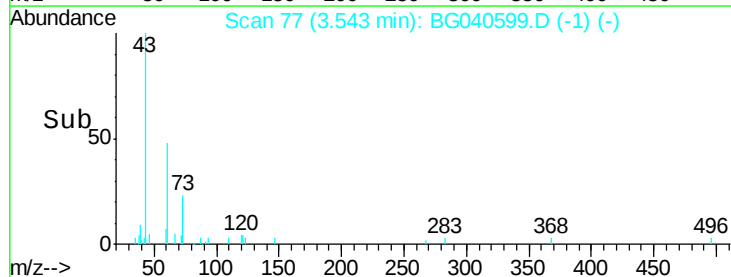
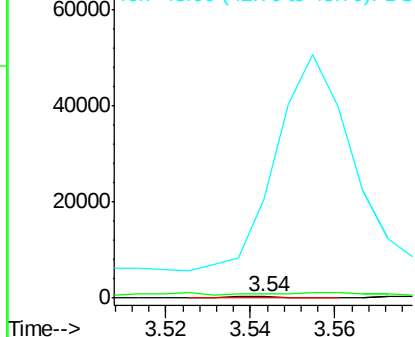
#2

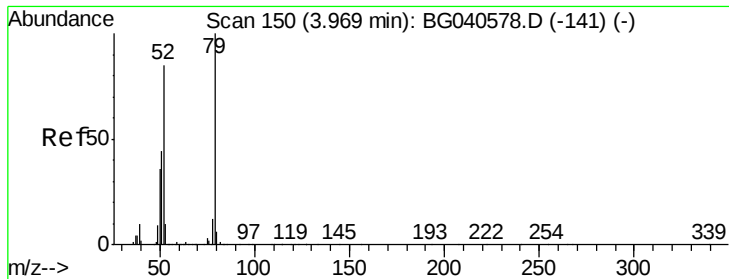
1,4-Dioxane
Concen: 0.227 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

Tgt Ion: 88 Resp: 251
Ion Ratio Lower Upper
88 100
58 228.3 71.2 106.8#
43 22820.7 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: 0.025 ng

RT: 3.97 min Scan# 150

Delta R.T. 0.00 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampleId :

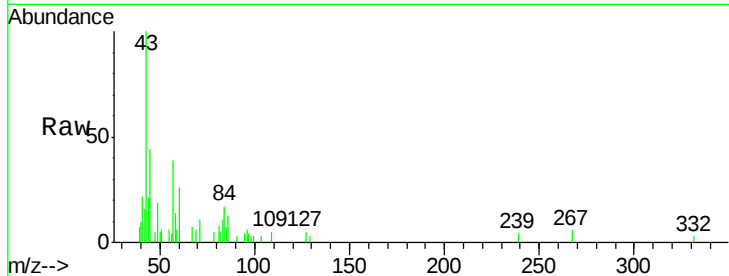
Tot Ion: 79 Resp: 81

Ion Ratio Lower Upper

79 100

52 0.0 67.5 101.3#

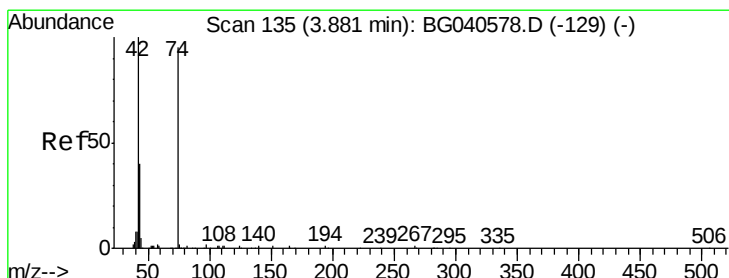
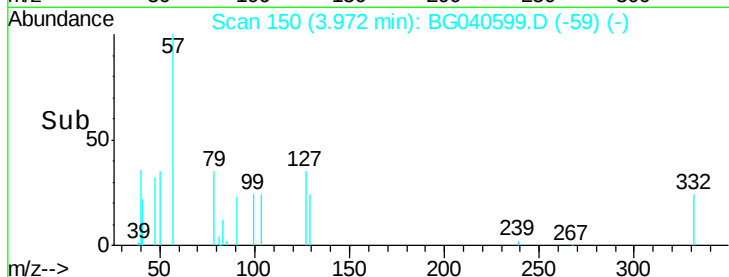
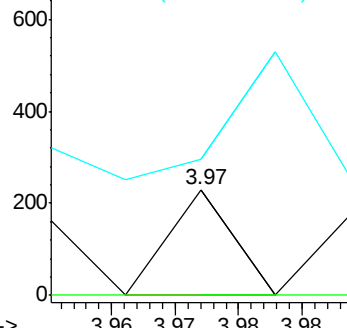
51 129.1 35.6 53.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.387 ng

RT: 3.89 min Scan# 136

Delta R.T. 0.01 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

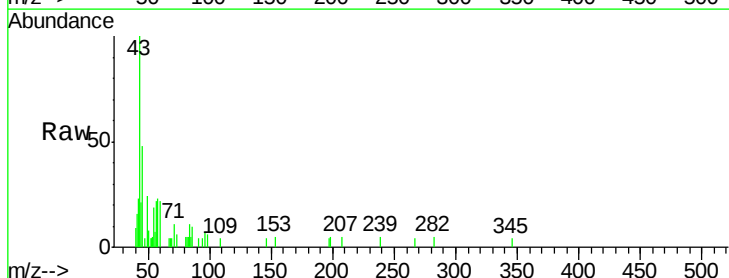
Tgt Ion: 42 Resp: 687

Ion Ratio Lower Upper

42 100

74 0.0 74.6 111.8#

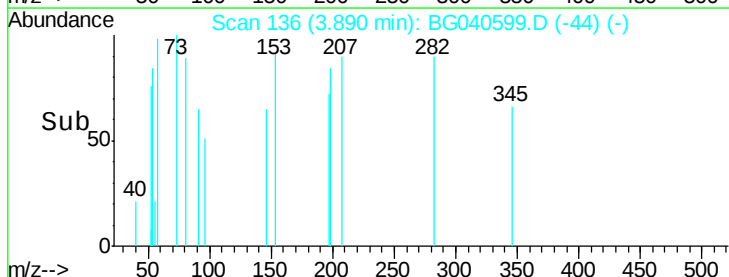
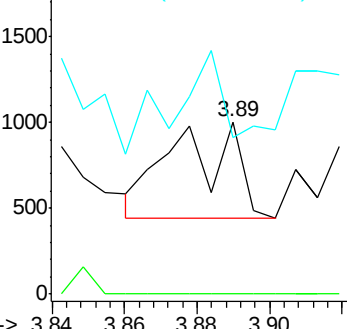
44 91.2 7.4 11.0#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 134.355 ng

RT: 5.69 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampleId :

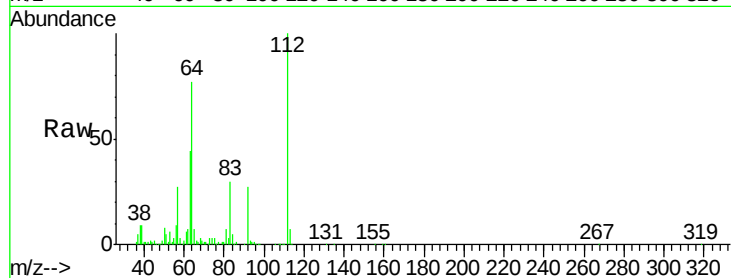
Tot Ion:112 Resp: 326383

Ion Ratio Lower Upper

112 100

64 77.1 61.4 92.0

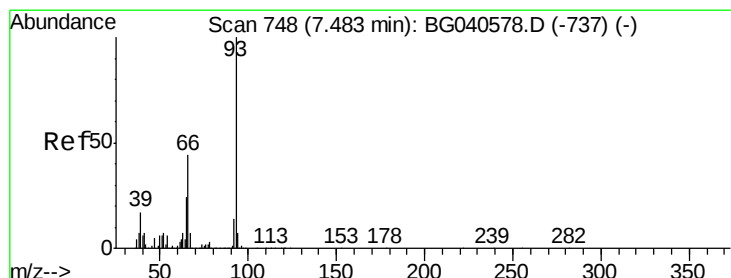
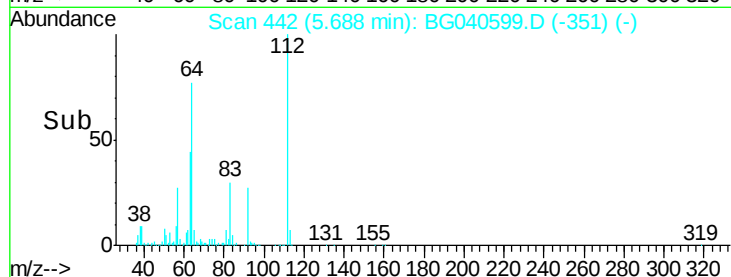
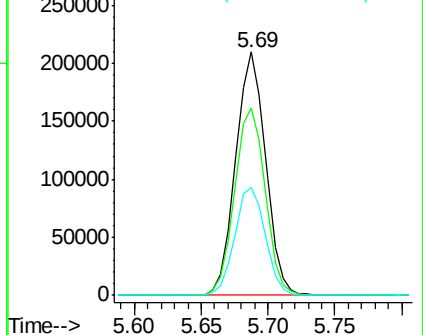
63 44.2 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.013 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

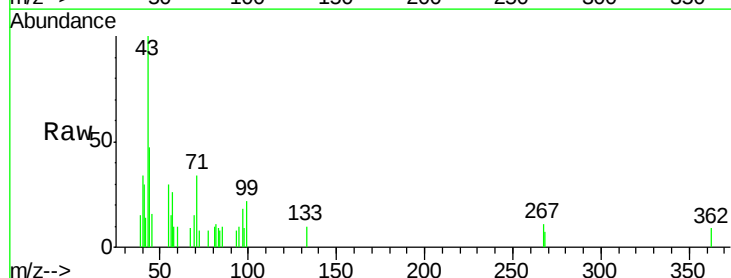
Tgt Ion: 93 Resp: 64

Ion Ratio Lower Upper

93 100

66 0.0 35.5 53.3#

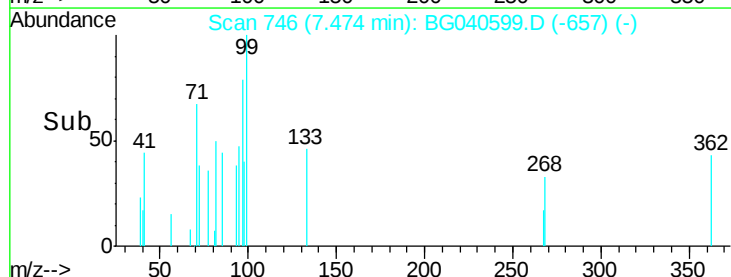
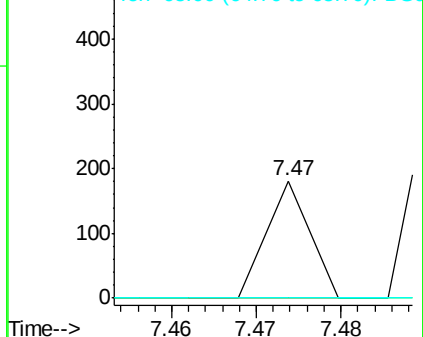
65 0.0 19.2 28.8#



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: 120.584 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampleId :

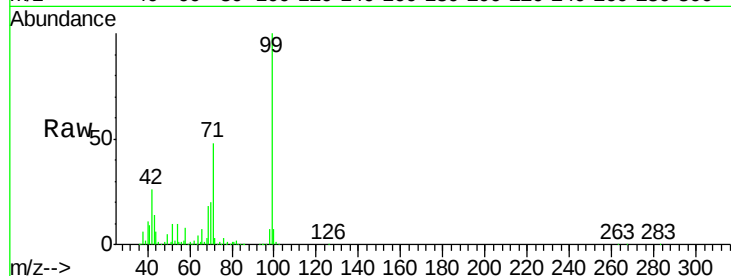
Tot Ion: 99 Resp: 451026

Ion Ratio Lower Upper

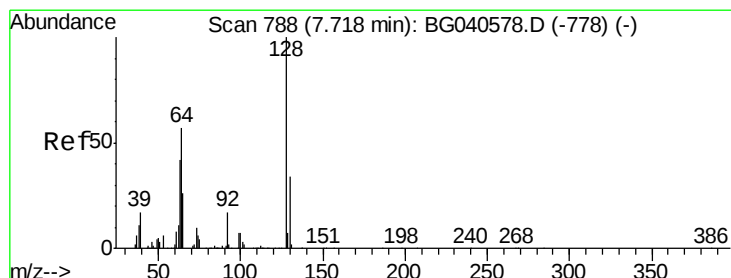
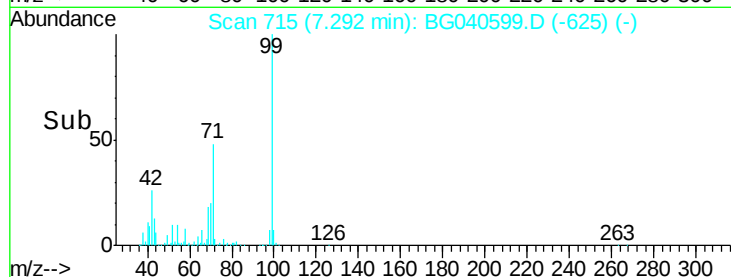
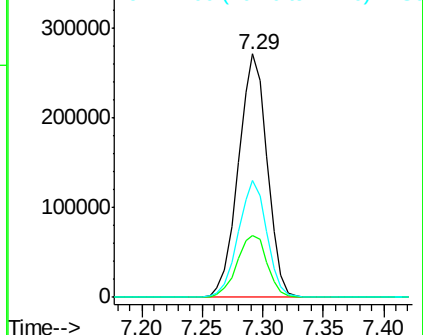
99 100

42 25.7 21.8 32.8

71 48.2 38.6 57.8



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



#8

2-Chlorophenol

Concen: 0.040 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

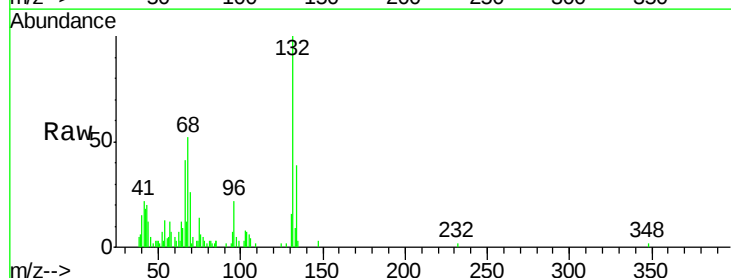
Tgt Ion: 128 Resp: 120

Ion Ratio Lower Upper

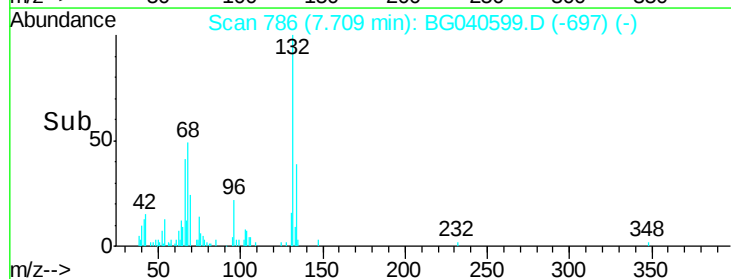
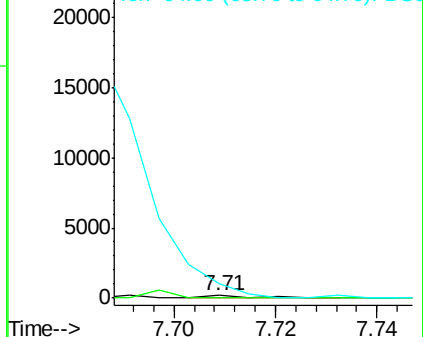
128 100

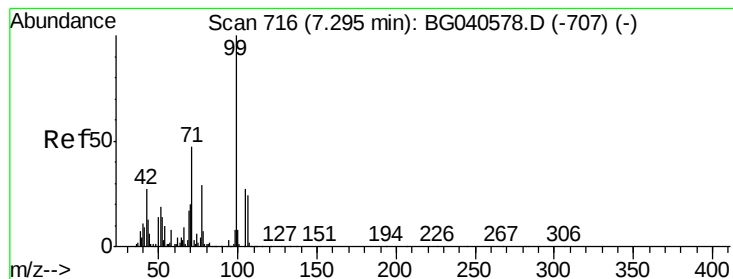
130 0.0 14.5 54.5#

64 549.7 38.4 78.4#



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





#9

Benzaldehyde

Concen: Below Cal

RT: 7.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampled :

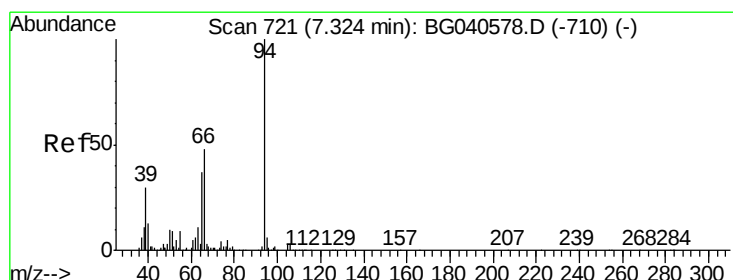
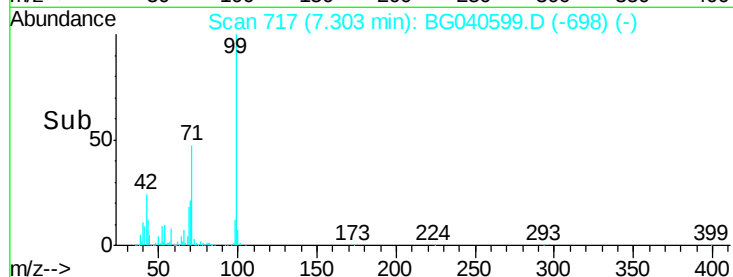
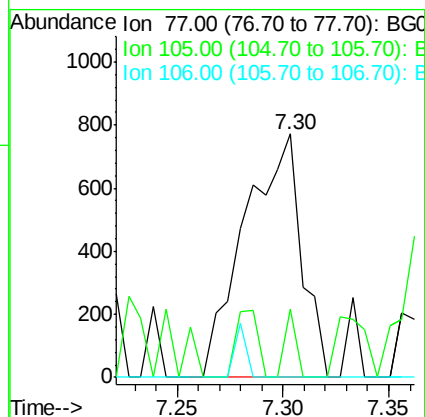
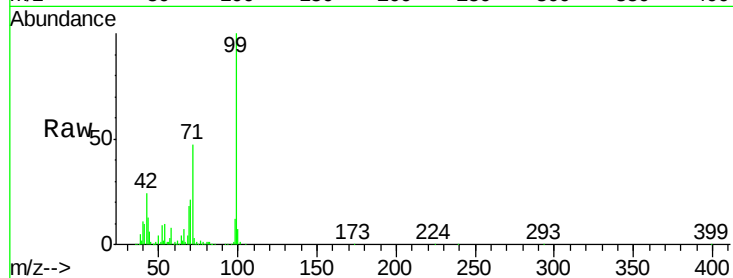
Tot Ion: 77 Resp: 1440

Ion Ratio Lower Upper

77 100

105 28.1 72.0 112.0#

106 0.0 61.2 101.2#



#10

Phenol

Concen: 0.051 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.04 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

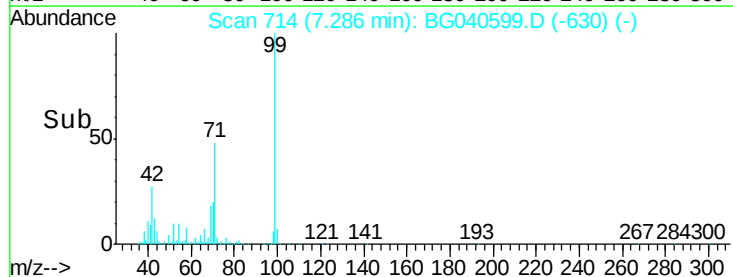
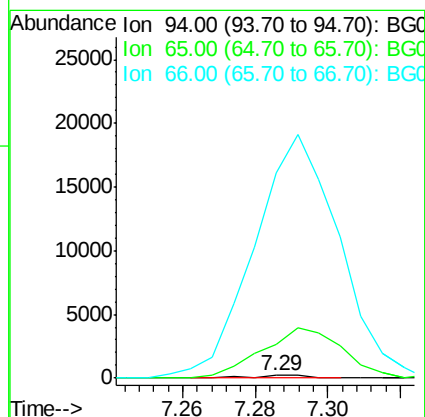
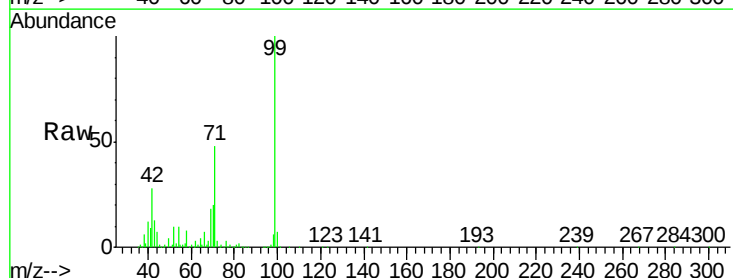
Tgt Ion: 94 Resp: 205

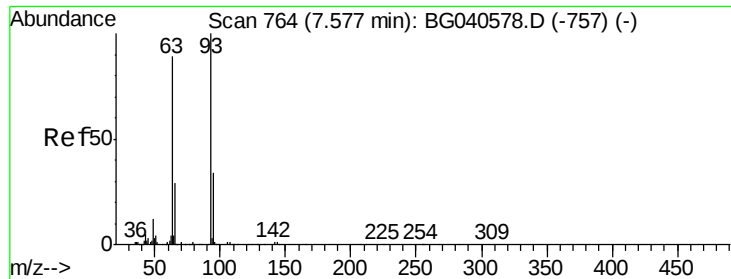
Ion Ratio Lower Upper

94 100

65 1251.4 17.0 57.0#

66 7651.9 28.6 68.6#

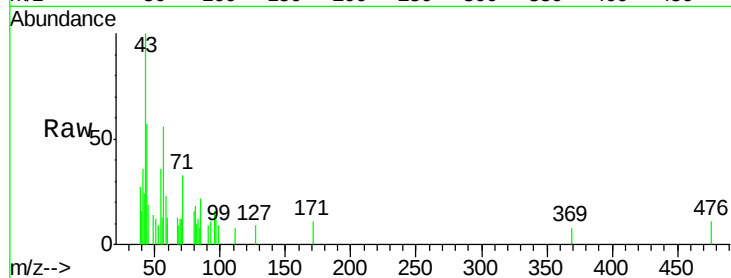




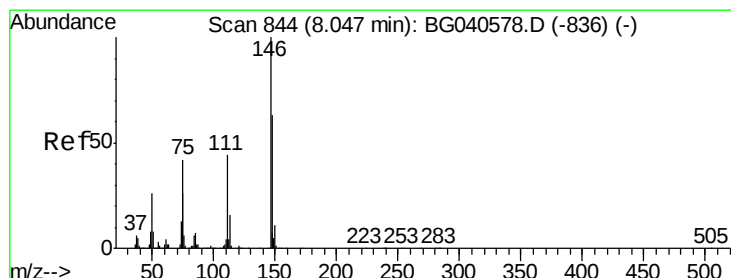
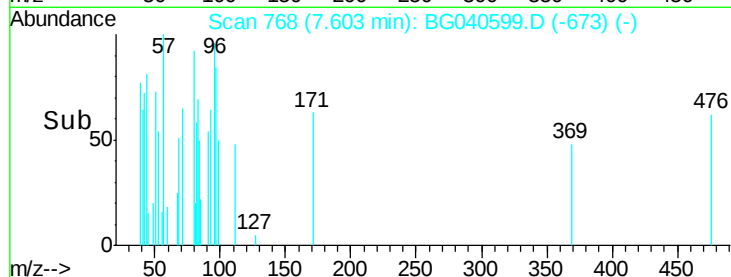
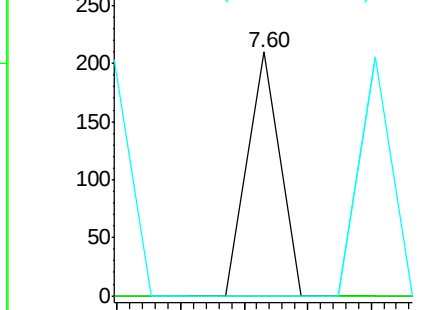
#11
 bis(2-Chloroethyl)ether
 Concen: 0.025 ng
 RT: 7.60 min Scan# 768
 Delta R.T. 0.03 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	0.0	68.2	108.2#
95	0.0	14.3	54.3#

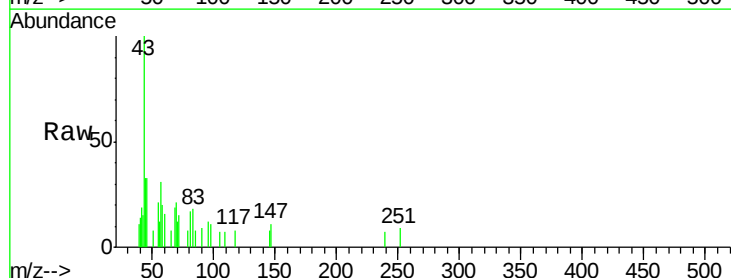


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

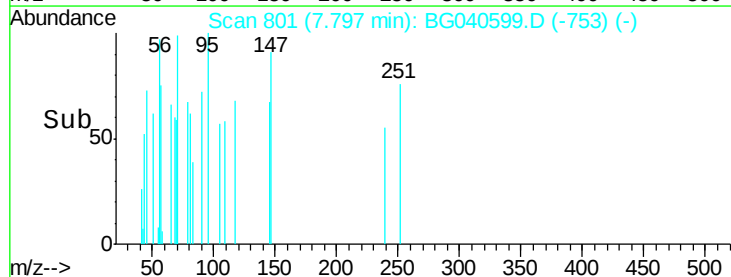
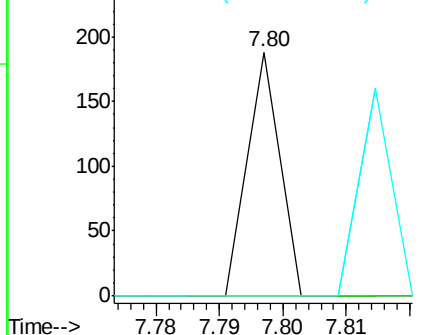


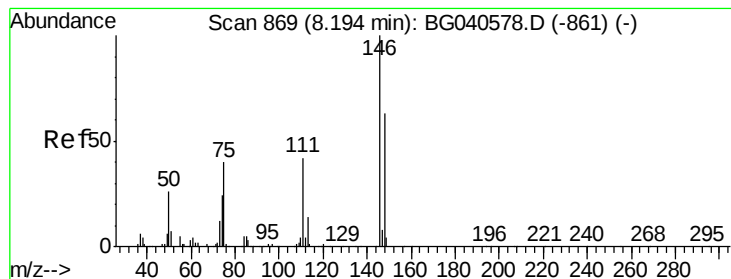
#12
 1,3-Dichlorobenzene
 Concen: 0.020 ng
 RT: 7.80 min Scan# 801
 Delta R.T. -0.25 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

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



Abundance Ion 146.00 (145.70 to 146.70): BGC
 Ion 148.00 (147.70 to 148.70): BGC
 Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 0.020 ng

RT: 7.80 min Scan# 801

Delta R.T. -0.40 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampled :

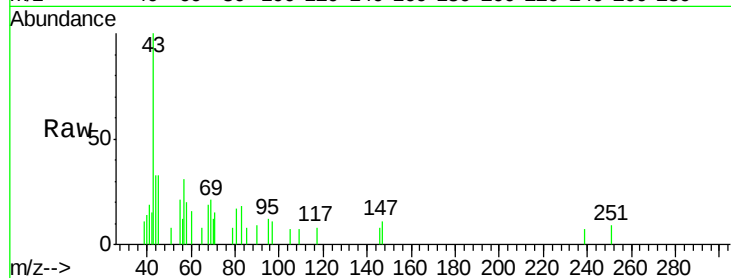
Tot Ion:146 Resp: 66

Ion Ratio Lower Upper

146 100

148 0.0 50.6 75.8#

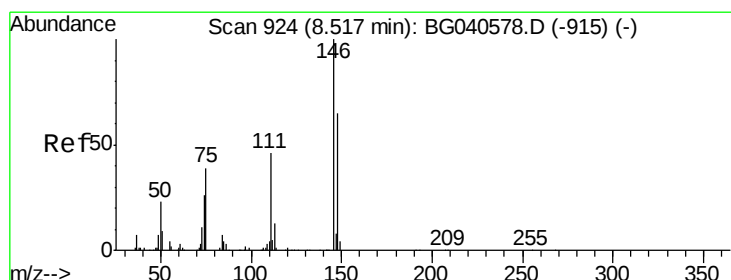
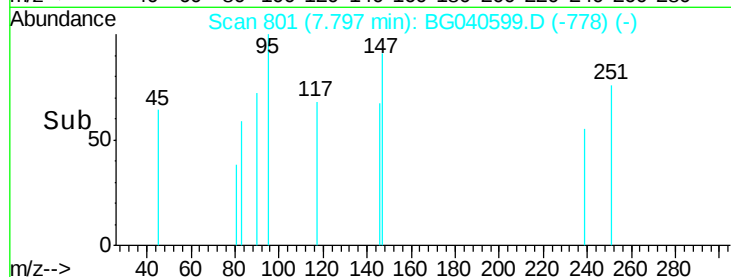
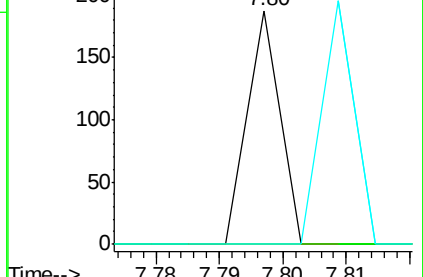
111 0.0 34.3 51.5#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.021 ng

RT: 8.73 min Scan# 959

Delta R.T. 0.21 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

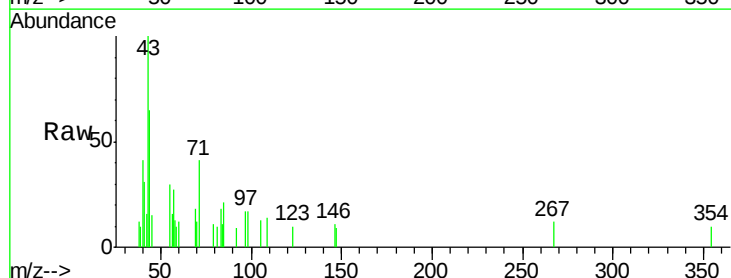
Tgt Ion:146 Resp: 67

Ion Ratio Lower Upper

146 100

148 0.0 52.2 78.4#

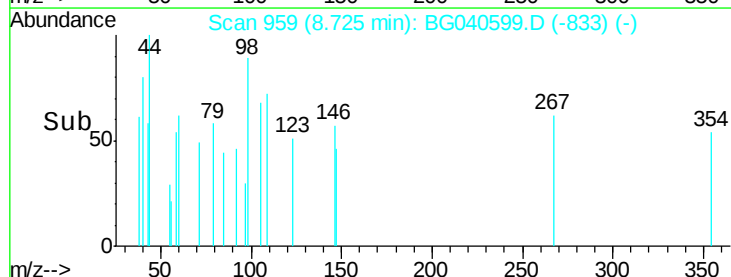
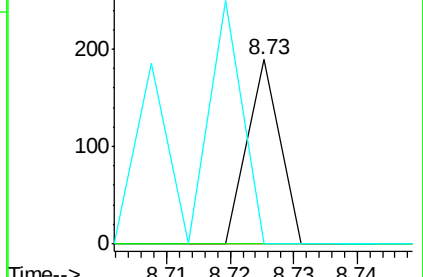
111 0.0 37.4 56.0#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 0.147 ng

RT: 8.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampled :

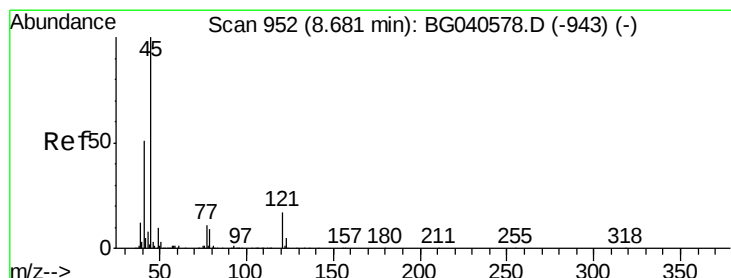
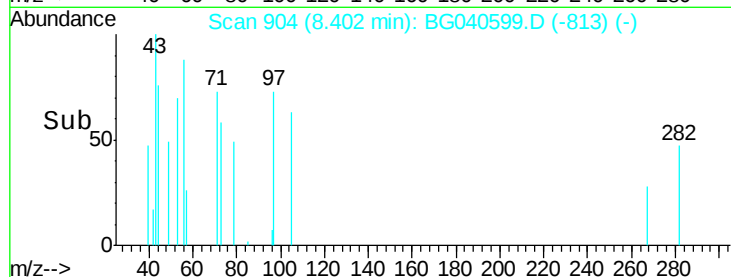
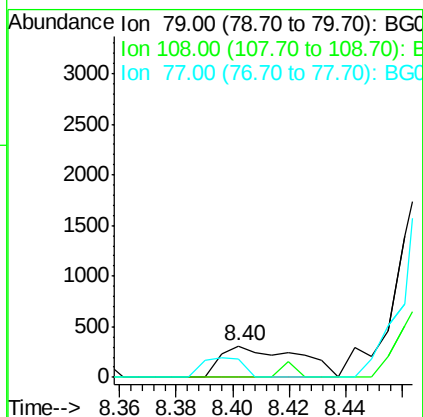
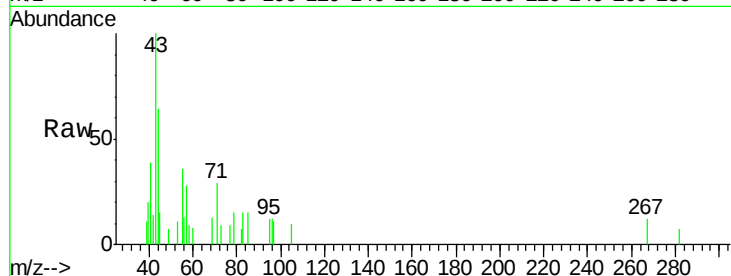
Tot Ion: 79 Resp: 574

Ion Ratio Lower Upper

79 100

108 0.0 51.4 77.0#

77 58.6 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.025 ng

RT: 8.73 min Scan# 960

Delta R.T. 0.05 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

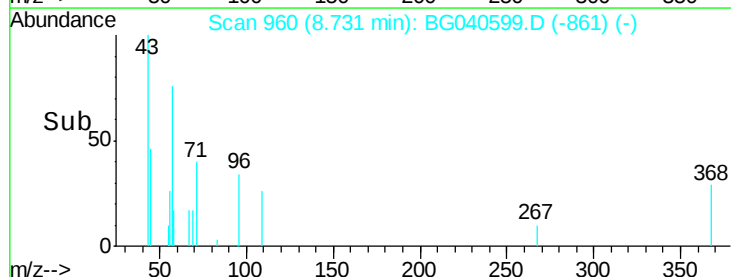
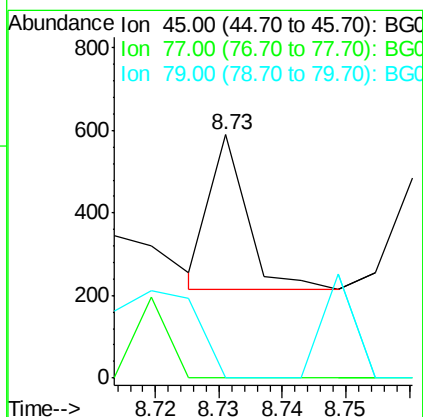
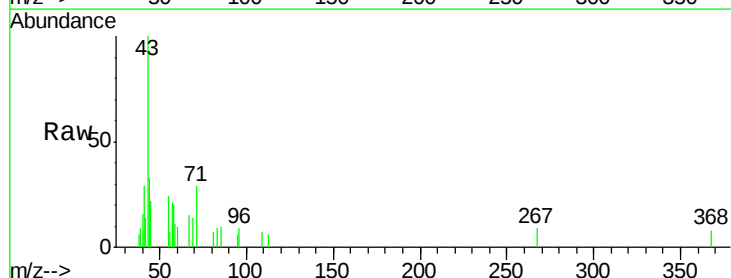
Tgt Ion: 45 Resp: 151

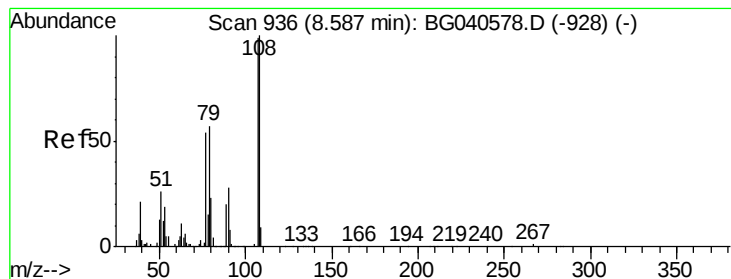
Ion Ratio Lower Upper

45 100

77 0.0 0.0 31.5

79 0.0 0.0 29.4





#17

2-Methylphenol

Concen: 0.020 ng

RT: 8.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BG040599.D

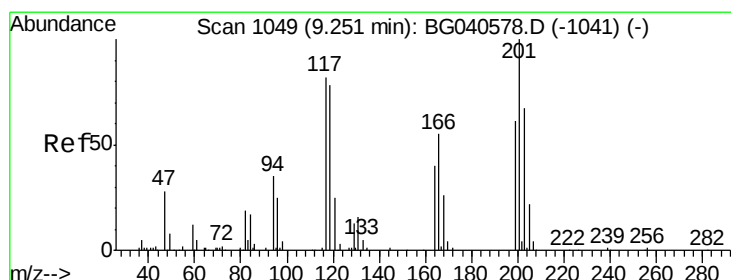
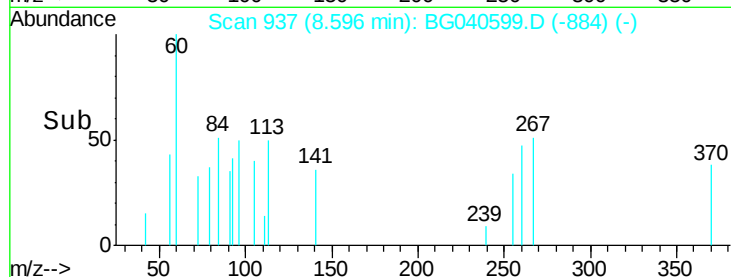
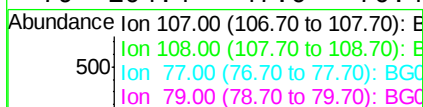
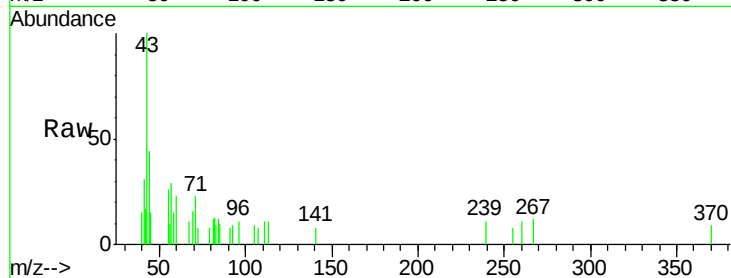
Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	56
Ion	Ratio	Lower	Upper
107	100		
108	0.0	81.2	121.8#
77	0.0	44.4	66.6#
79	104.4	47.0	70.4#



#18

Hexachloroethane

Concen: 0.040 ng

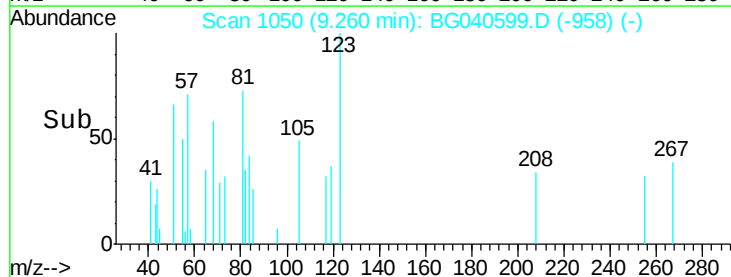
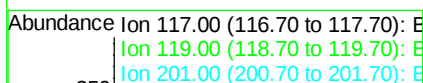
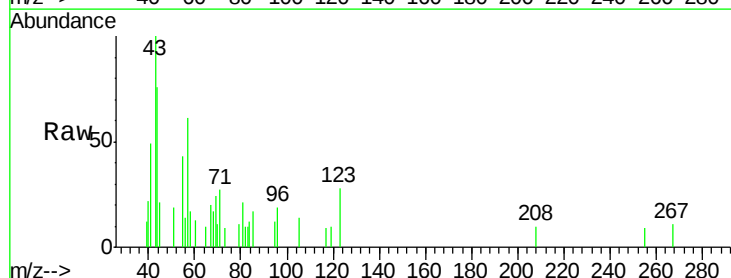
RT: 9.26 min Scan# 1050

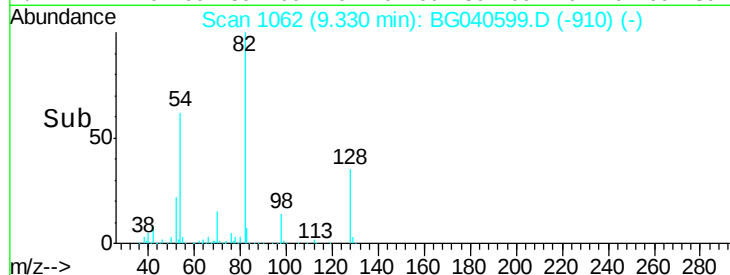
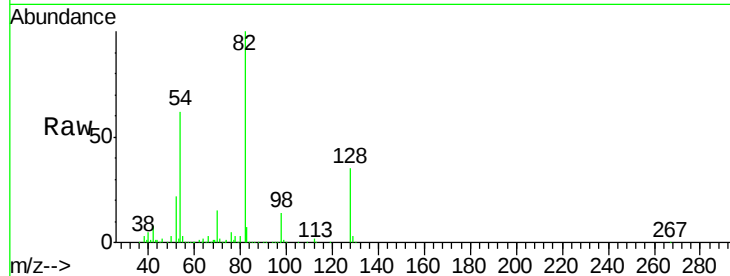
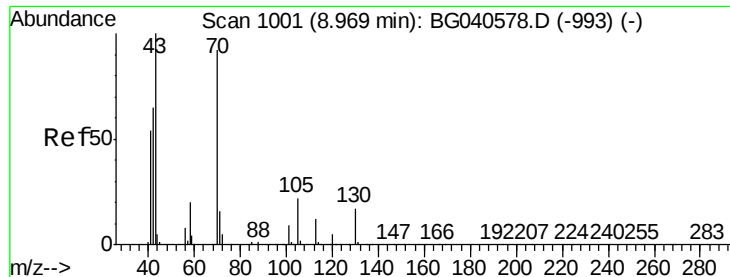
Delta R.T. 0.01 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Tgt Ion:	117	Resp:	54
Ion	Ratio	Lower	Upper
117	100		
119	113.8	76.6	114.8
201	0.0	101.0	151.6#

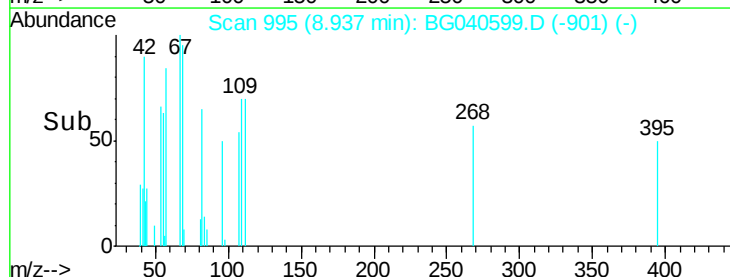
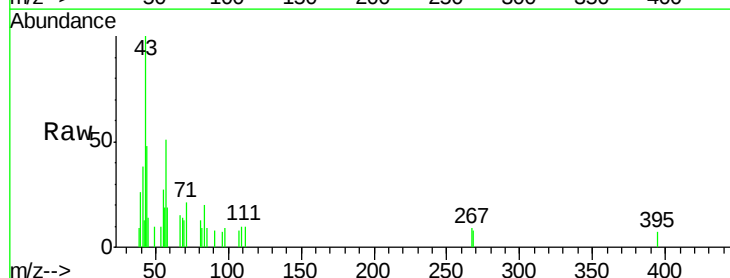
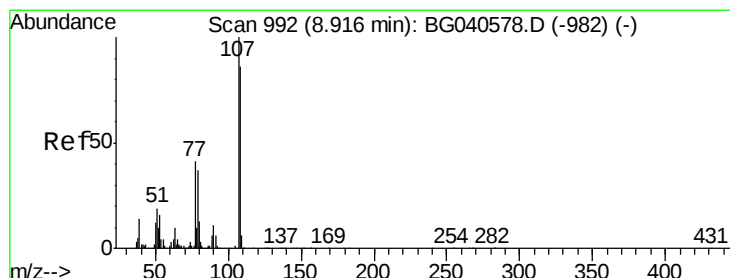
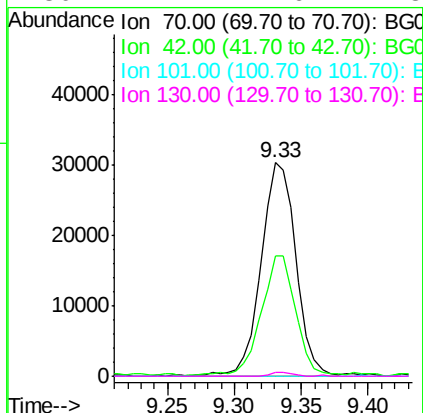




#19
n-Nitroso-di-n-propylamine
Concen: 16.225 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.36 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

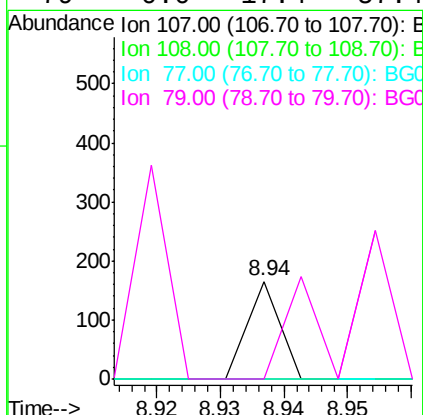
Instrument :
BNA_G
ClientSampleId :

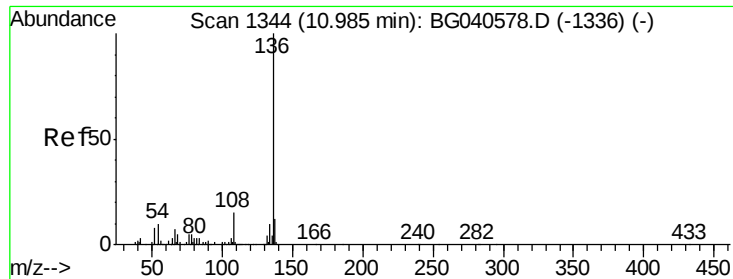
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.6	57.1	85.7#
101	0.0	7.8	11.8#
130	1.7	14.6	21.8#



#20
3+4-Methylphenols
Concen: 0.015 ng
RT: 8.94 min Scan# 995
Delta R.T. 0.02 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

Tgt 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# 1343

Delta R.T. -0.00 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 172288

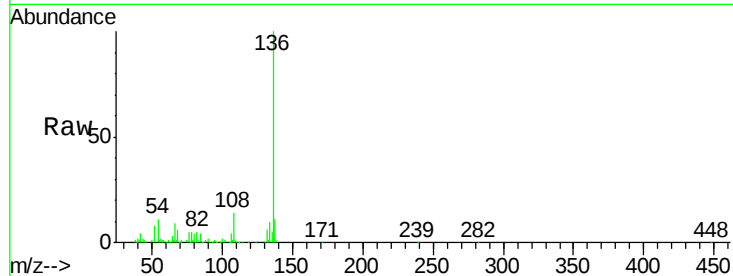
Ion Ratio Lower Upper

136 100

137 10.6 9.7 14.5

54 10.8 8.6 12.8

68 5.8 4.8 7.2

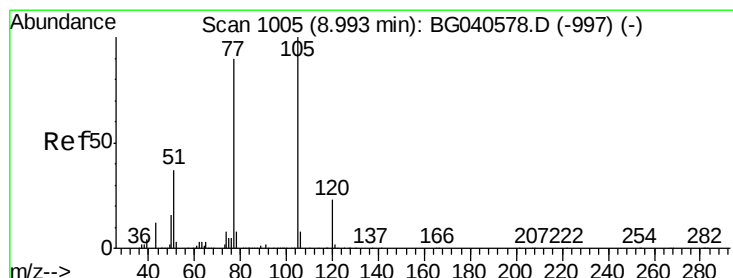
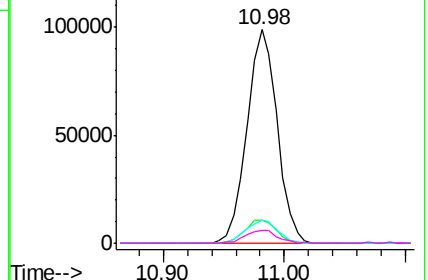
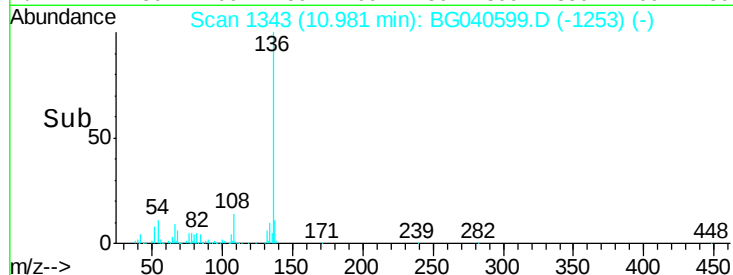


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 0.095 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Tgt Ion:105 Resp: 454

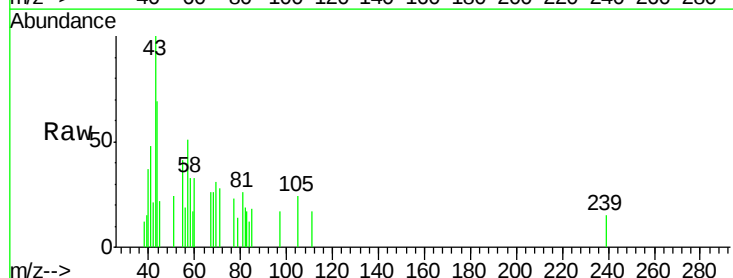
Ion Ratio Lower Upper

105 100

71 116.6 1.8 2.8#

51 100.0 29.8 44.8#

120 0.0 18.4 27.6#

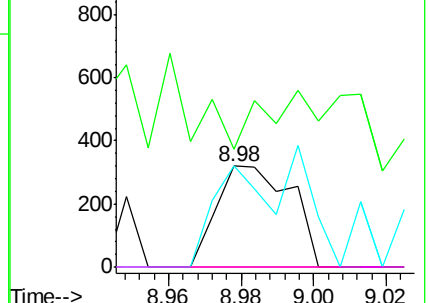
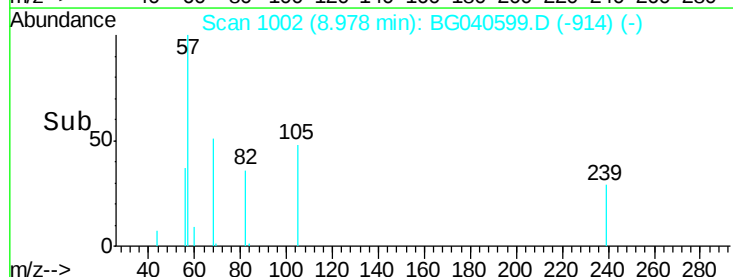


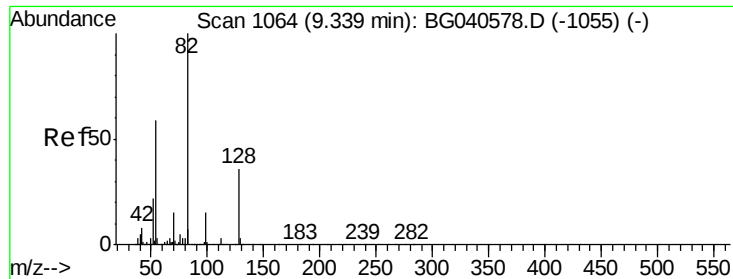
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

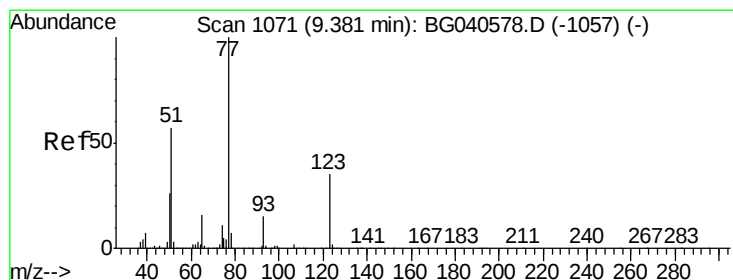
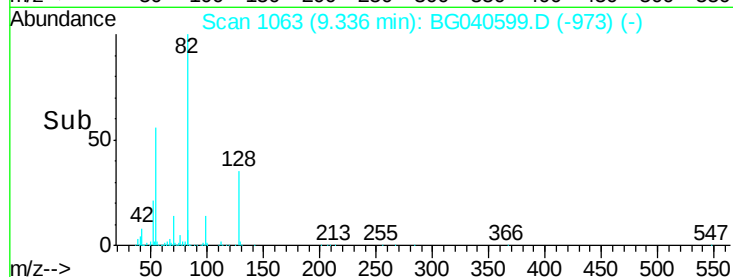
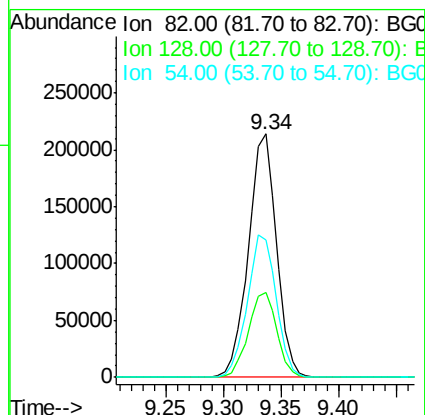
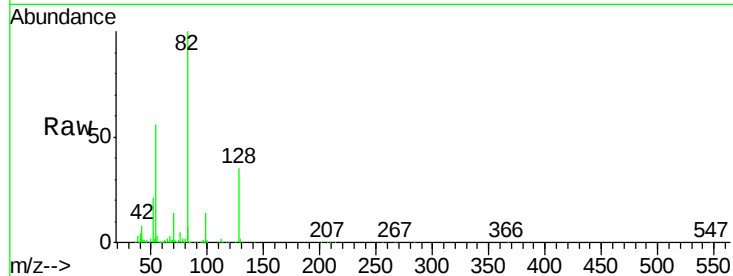




#23
 Nitrobenzene-d5
 Concen: 97.283 ng
 RT: 9.34 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

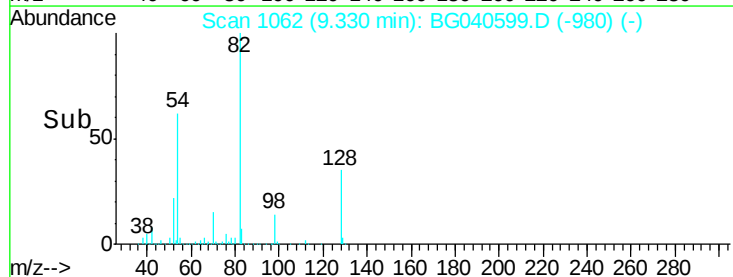
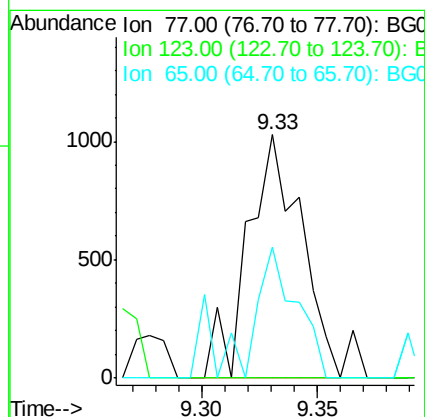
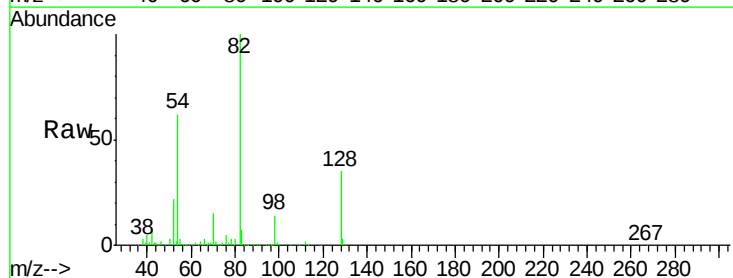
Instrument :
 BNA_G
 ClientSampleId :

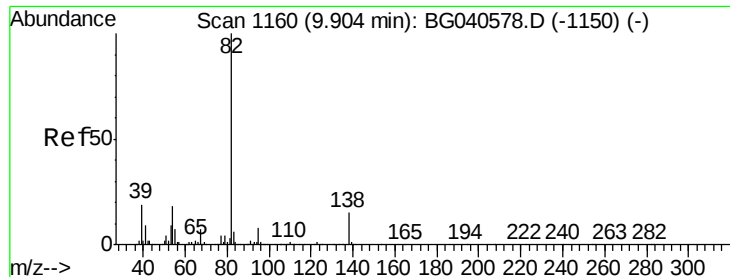
Tot Ion: 82 Resp: 362736
 Ion Ratio Lower Upper
 82 100
 128 34.7 28.9 43.3
 54 56.4 47.2 70.8



#24
 Nitrobenzene
 Concen: 0.415 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.05 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

Tgt Ion: 77 Resp: 1651
 Ion Ratio Lower Upper
 77 100
 123 0.0 27.8 41.6#
 65 53.5 12.4 18.6#





#25

Isophorone

Concen: 0.052 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampleId :

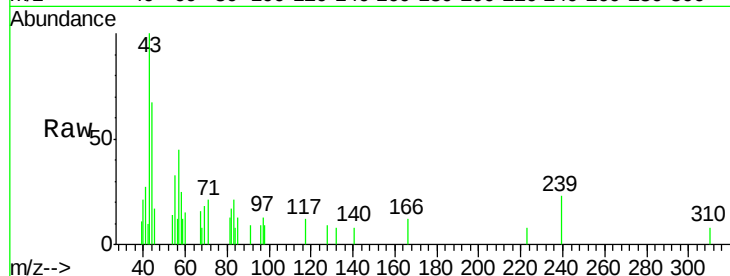
Tot Ion: 82 Resp: 434

Ion Ratio Lower Upper

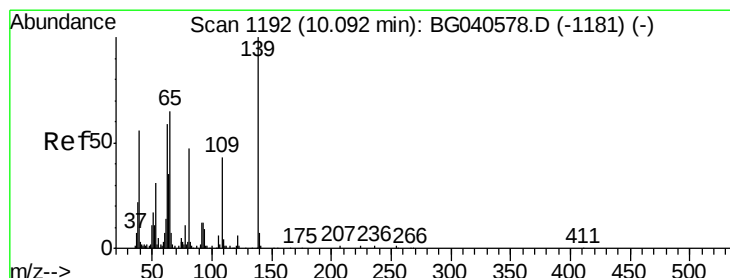
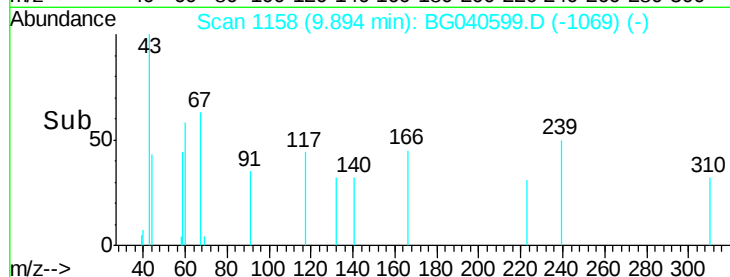
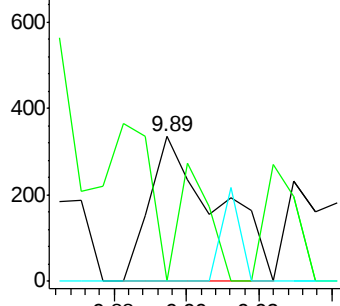
82 100

95 0.0 6.9 10.3#

138 0.0 12.3 18.5#



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



#26

2-Nitrophenol

Concen: 0.044 ng

RT: 10.06 min Scan# 1186

Delta R.T. -0.03 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

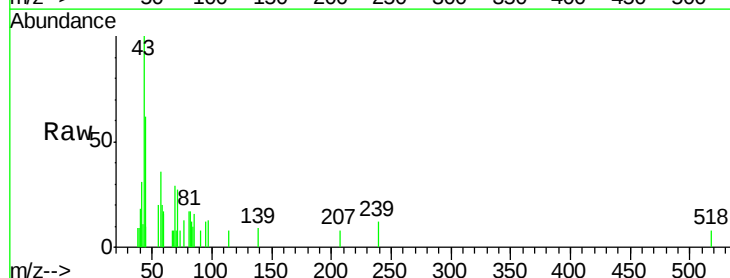
Tgt Ion: 139 Resp: 63

Ion Ratio Lower Upper

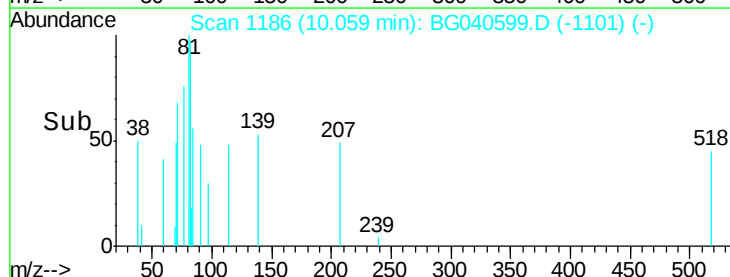
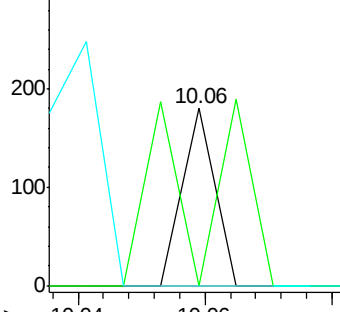
139 100

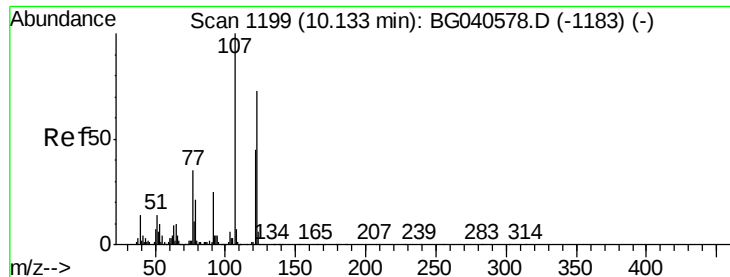
109 0.0 35.6 53.4#

65 0.0 52.3 78.5#



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

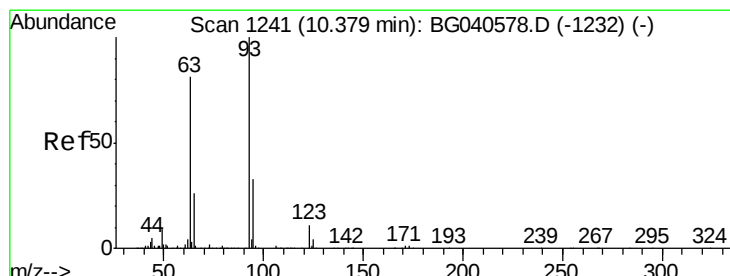
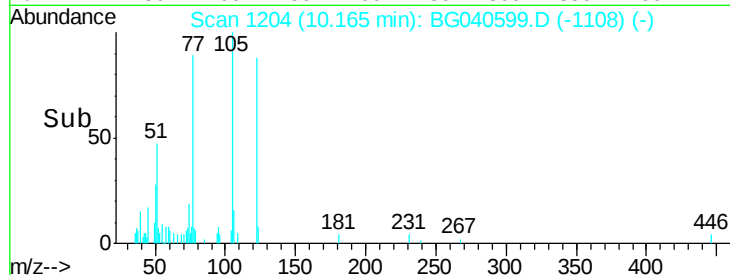
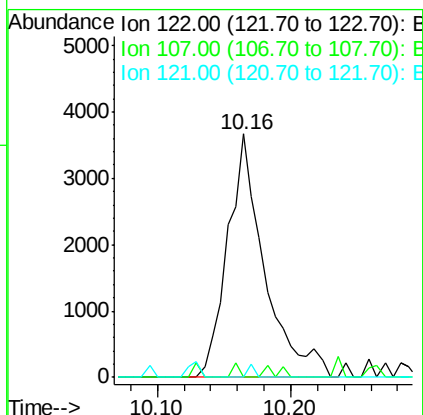
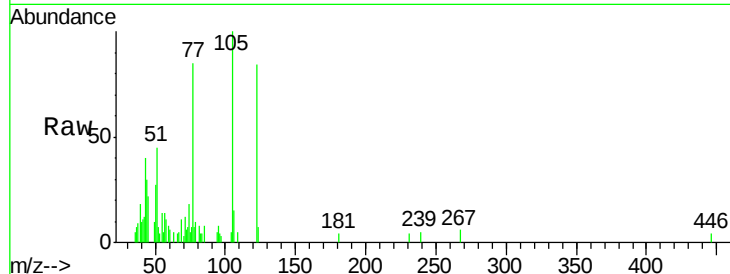




#27
 2,4-Dimethylphenol
 Concen: 2.643 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. 0.03 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

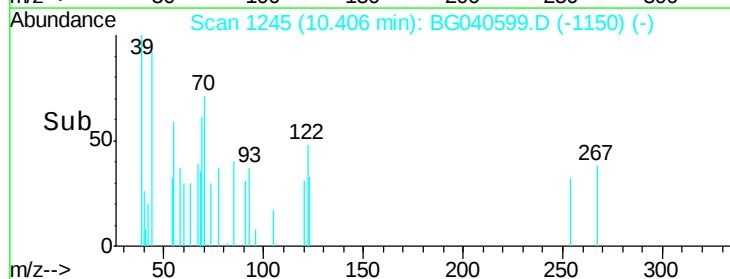
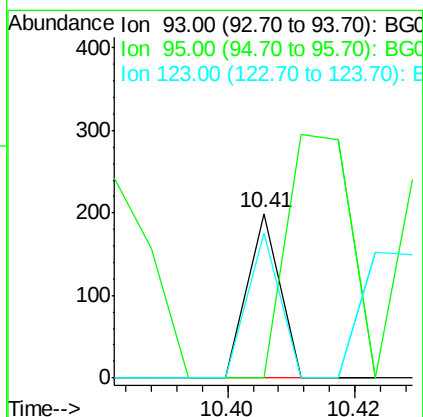
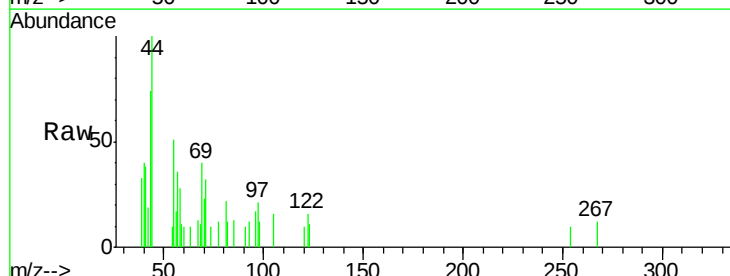
Instrument :
 BNA_G
 ClientSampleId :

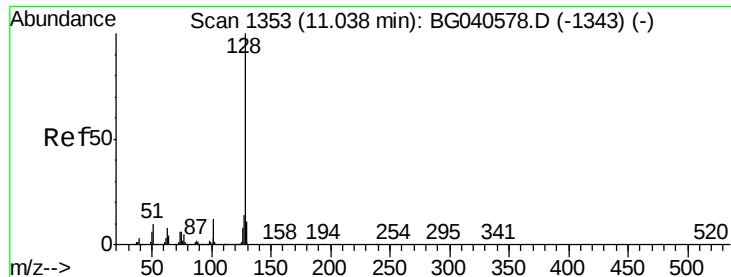
Tot Ion:122 Resp: 7072
 Ion Ratio Lower Upper
 122 100
 107 0.0 110.1 165.1#
 121 0.0 49.4 74.0#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.017 ng
 RT: 10.41 min Scan# 1245
 Delta R.T. 0.03 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

Tgt Ion: 93 Resp: 70
 Ion Ratio Lower Upper
 93 100
 95 0.0 26.6 40.0#
 123 88.4 9.0 13.4#

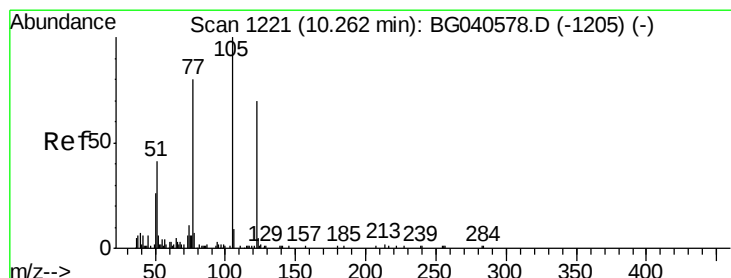
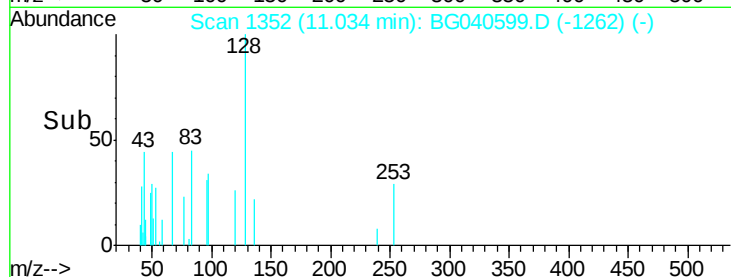
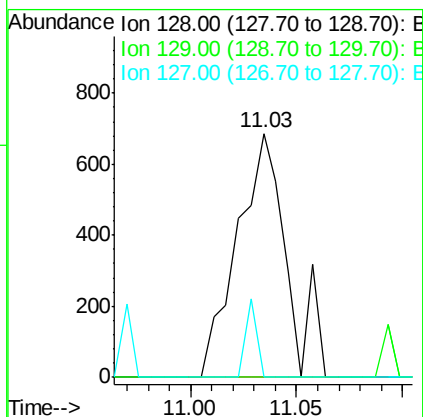
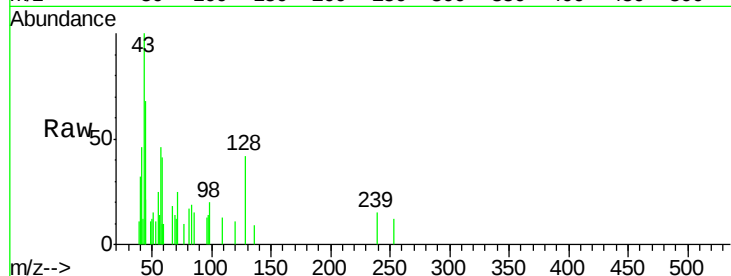




#31
Naphthalene
Concen: 0.122 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

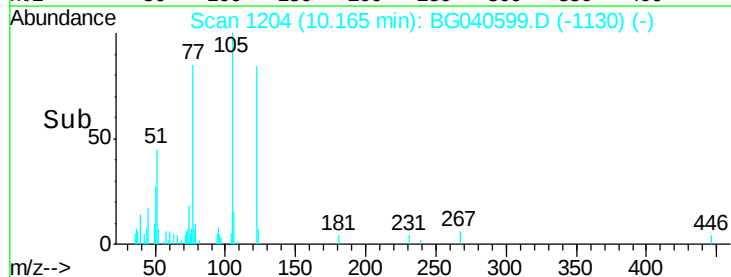
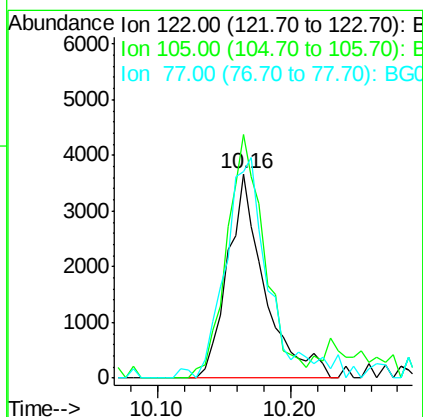
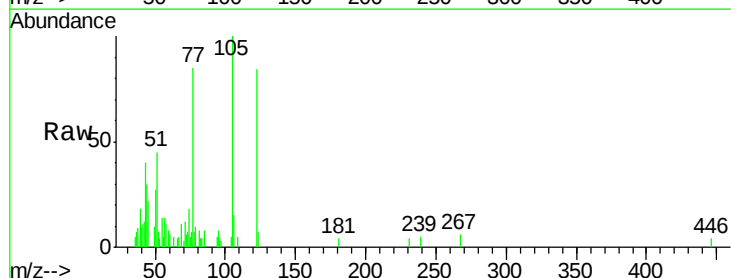
Instrument :
BNA_G
ClientSampleId :

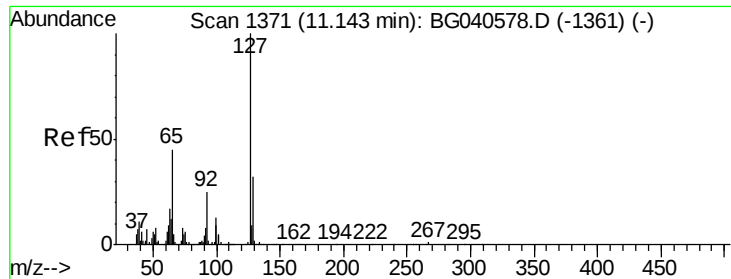
Tot Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.6#
127	0.0	11.3	16.9#



#32
Benzoic acid
Concen: 3.861 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.10 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.1	110.9	150.9
77	101.0	87.6	127.6





#33

4-Chloroaniline

Concen: 0.032 ng

RT: 11.22 min Scan# 1383

Delta R.T. 0.07 min

Lab File: BG040599.D

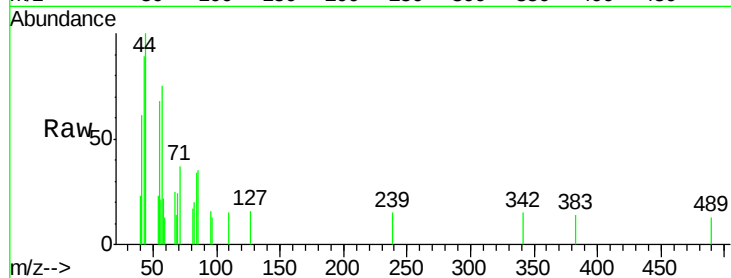
Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampled :

Tot Ion:127	Resp:	131
Ion Ratio	Lower	Upper
127	100	
129	0.0	25.7 38.5#
65	0.0	36.1 54.1#
92	0.0	20.1 30.1#

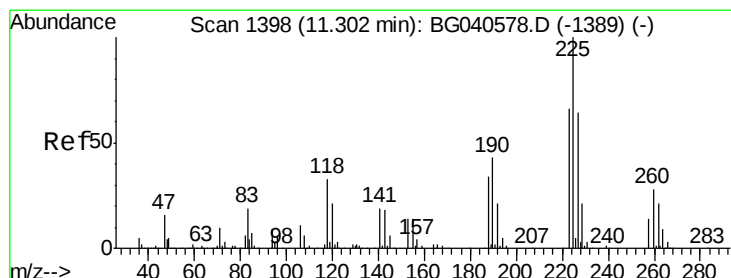
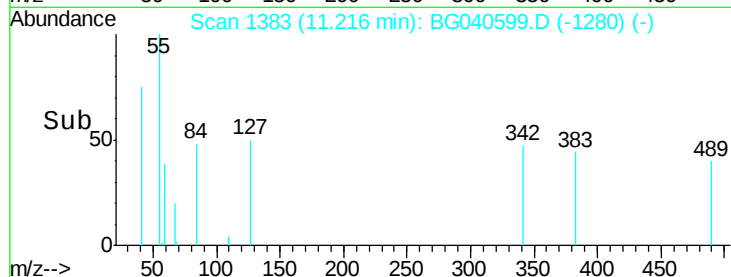
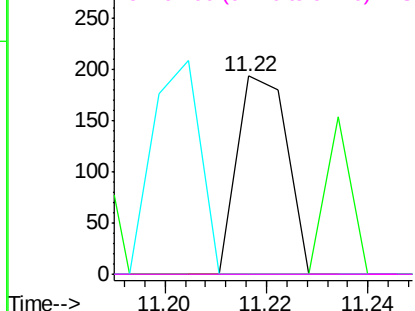


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34

Hexachlorobutadiene

Concen: 0.022 ng

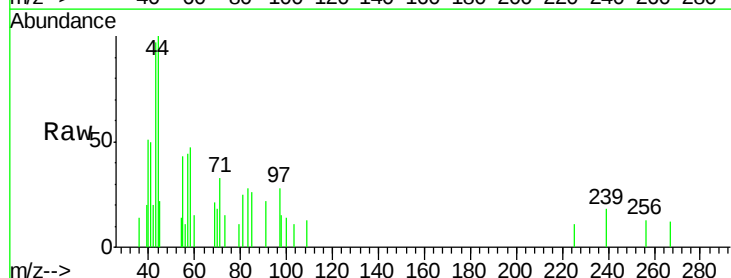
RT: 11.54 min Scan# 1438

Delta R.T. 0.24 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

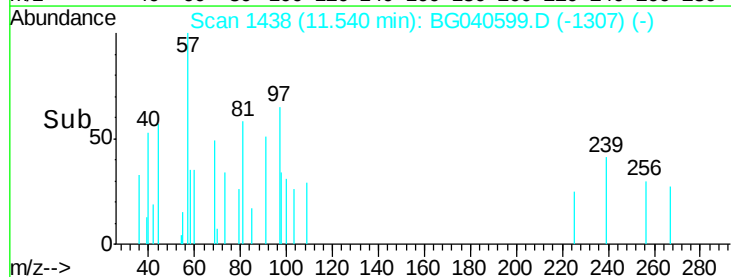
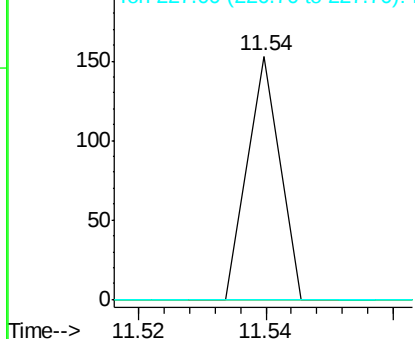
Tgt Ion:225	Resp:	54
Ion Ratio	Lower	Upper
225	100	
223	0.0	50.4 75.6#
227	0.0	51.0 76.6#

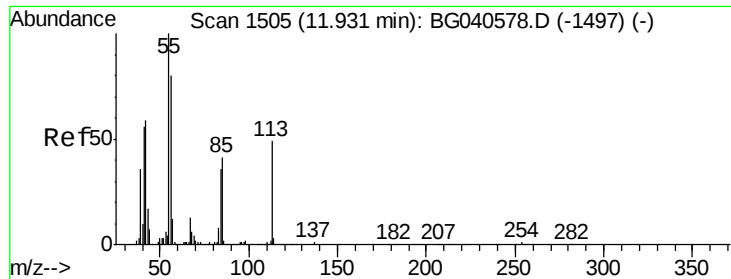


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

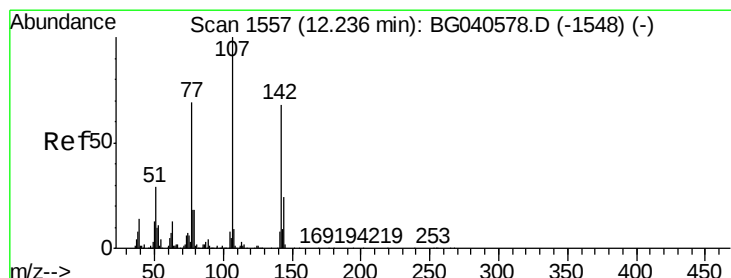
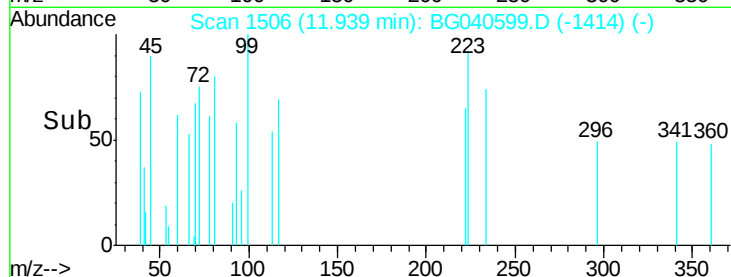
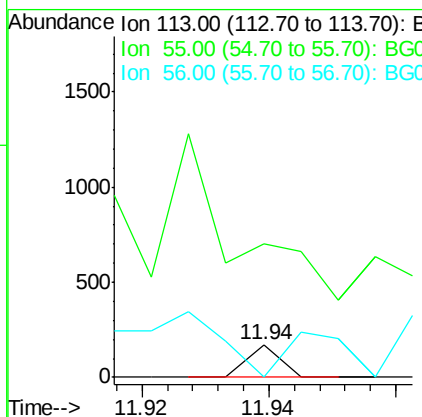
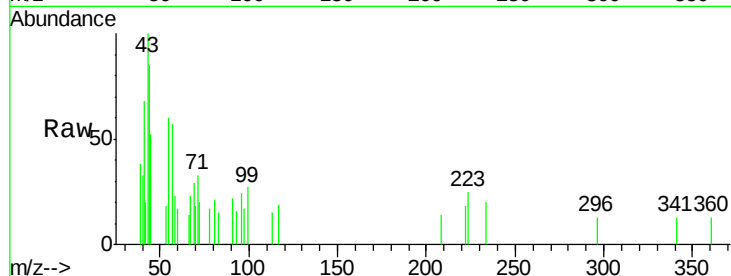




#35
 Caprolactam
 Concen: 0.050 ng
 RT: 11.94 min Scan# 1506
 Delta R.T. 0.01 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

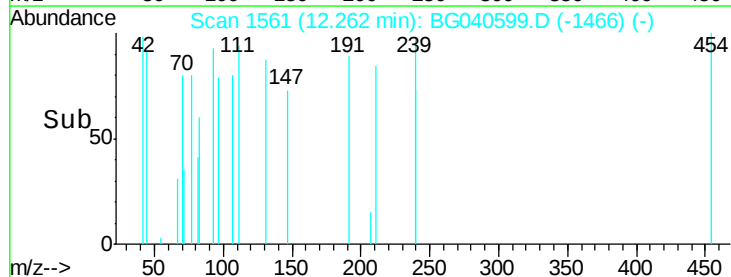
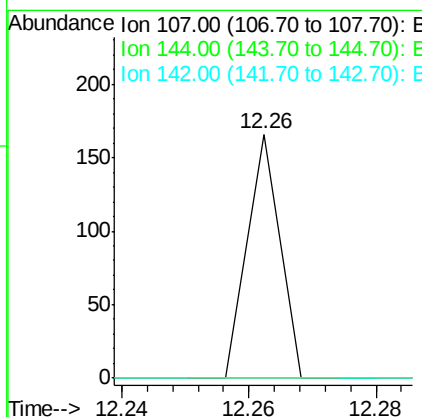
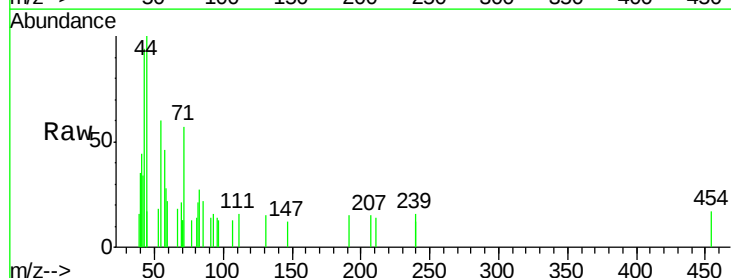
Instrument :
 BNA_G
 ClientSampleId :

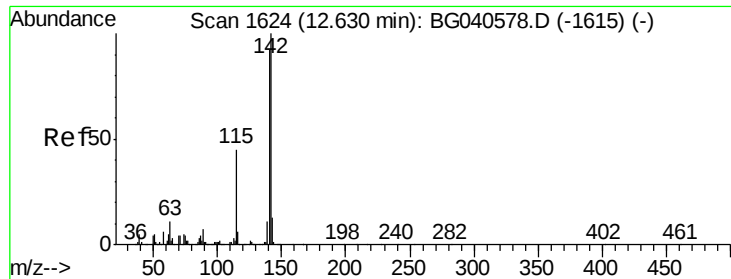
Tot Ion:113 Resp: 60
 Ion Ratio Lower Upper
 113 100
 55 409.9 198.6 238.6#
 56 0.0 148.4 188.4#



#36
 4-Chloro-3-methylphenol
 Concen: 0.015 ng
 RT: 12.26 min Scan# 1561
 Delta R.T. 0.03 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

Tgt Ion:107 Resp: 59
 Ion Ratio Lower Upper
 107 100
 144 0.0 19.3 28.9#
 142 0.0 54.6 81.8#

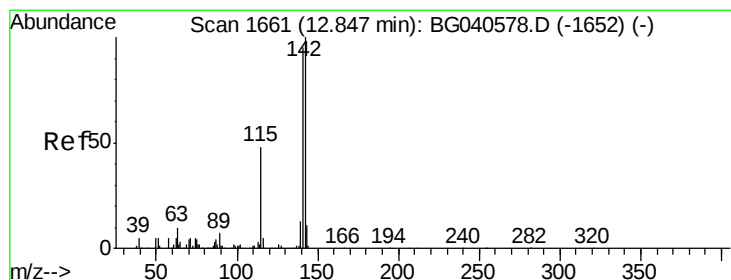
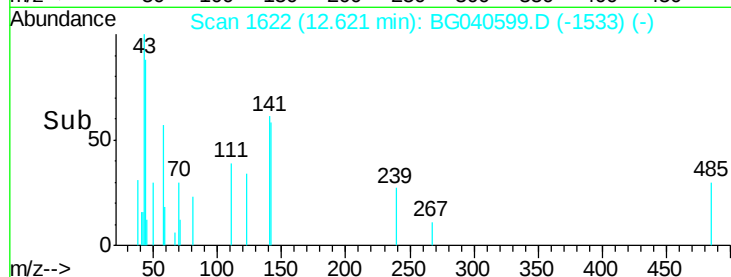
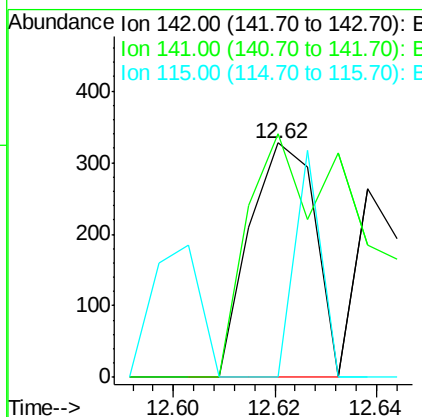
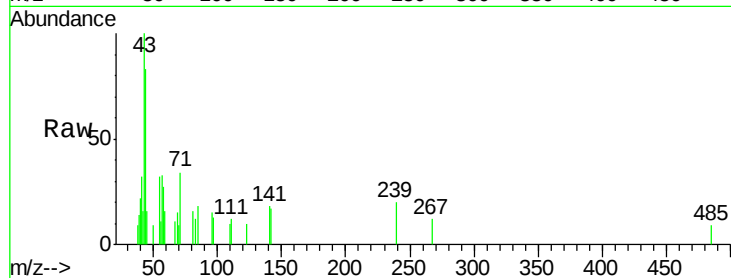




#37
2-Methylnaphthalene
Concen: 0.043 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

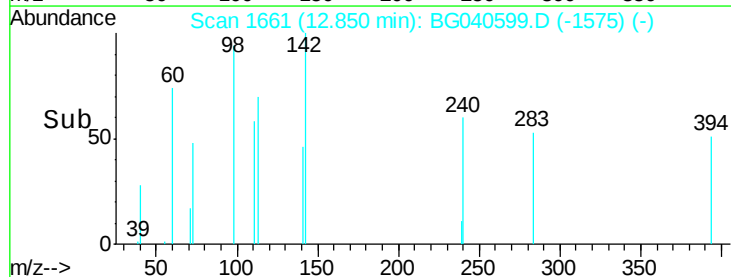
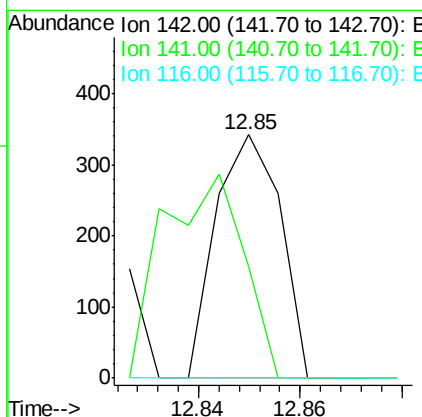
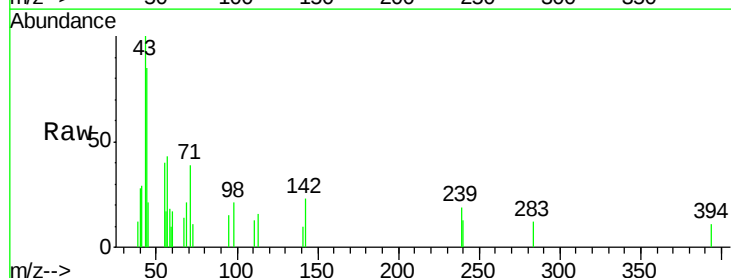
Instrument :
BNA_G
ClientSampleId :

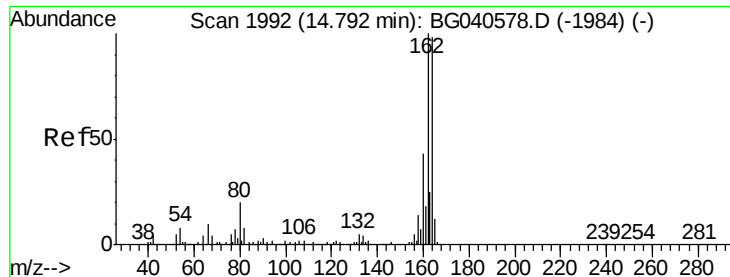
Tot Ion:142 Resp: 293
Ion Ratio Lower Upper
142 100
141 104.0 73.4 110.2
115 0.0 36.2 54.4#



#38
1-Methylnaphthalene
Concen: 0.045 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

Tgt Ion:142 Resp: 304
Ion Ratio Lower Upper
142 100
141 46.2 75.9 113.9#
116 0.0 4.2 6.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampleId :

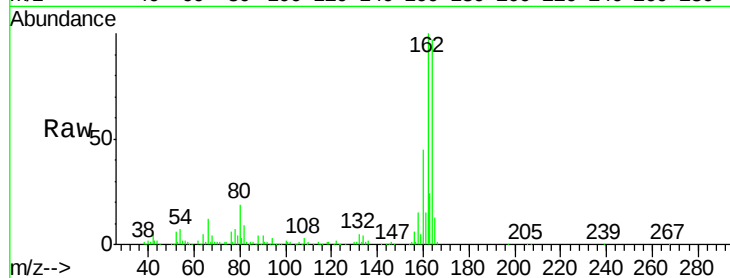
Tot Ion:164 Resp: 126669

Ion Ratio Lower Upper

164 100

162 102.8 81.9 122.9

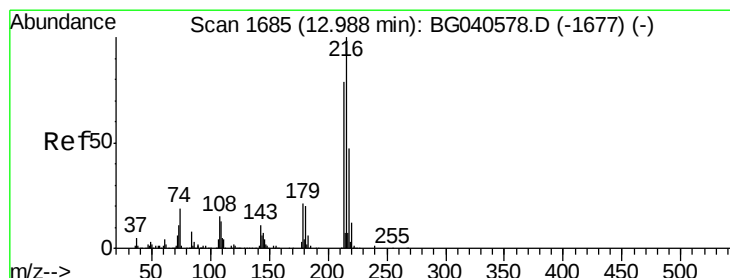
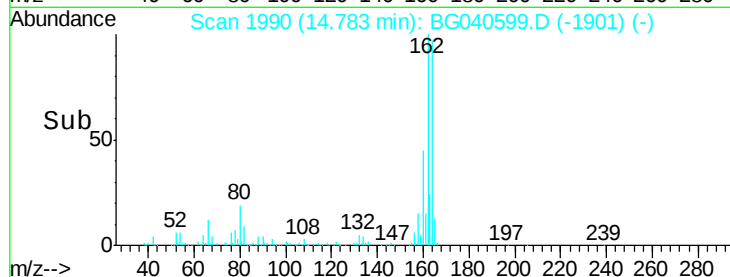
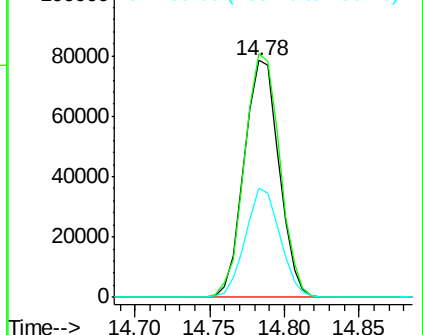
160 46.1 35.4 53.2



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: 0.014 ng

RT: 13.20 min Scan# 1721

Delta R.T. 0.21 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Tgt Ion:216 Resp: 66

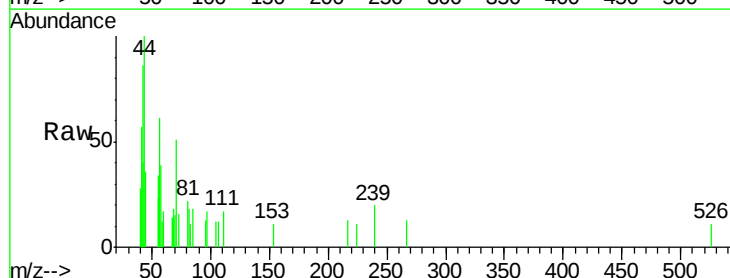
Ion Ratio Lower Upper

216 100

214 0.0 63.7 95.5#

179 0.0 16.6 24.8#

108 0.0 14.7 22.1#

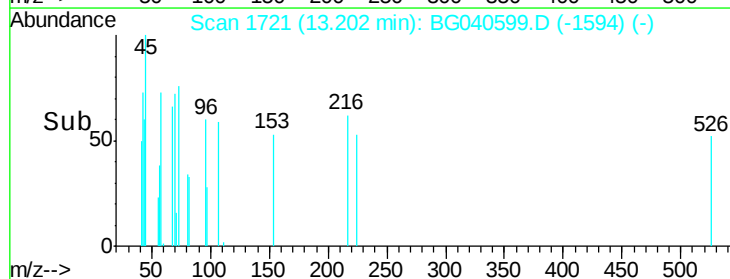
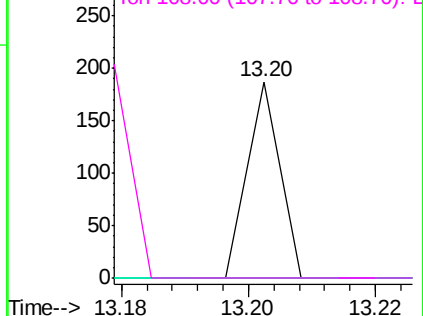


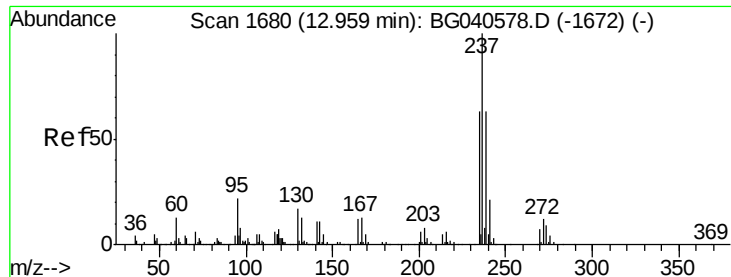
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 0.033 ng

RT: 12.90 min Scan# 1669

Delta R.T. -0.06 min

Lab File: BG040599.D

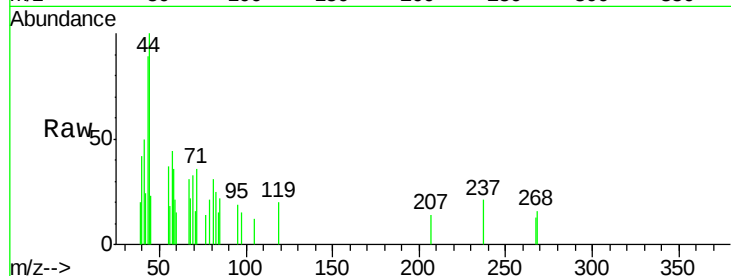
Acq: 24 Apr 2019 18:33

Instrument :

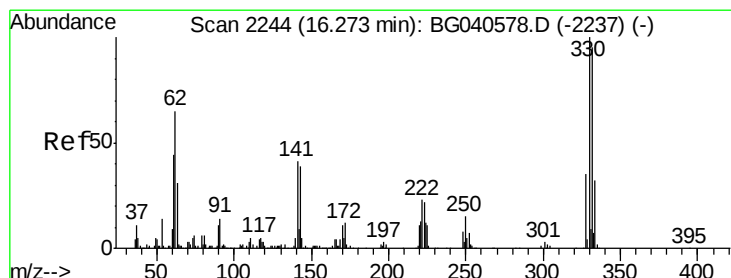
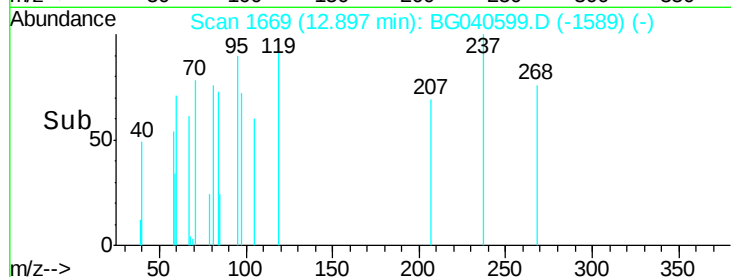
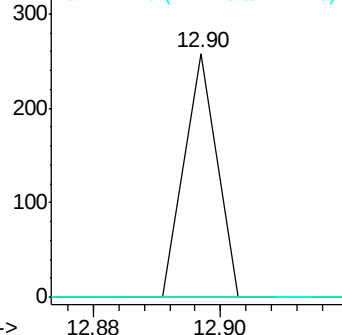
BNA_G

ClientSampleId :

Tot Ion:	237	Resp:	91
Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.5	82.5#
272	0.0	0.0	31.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 141.768 ng

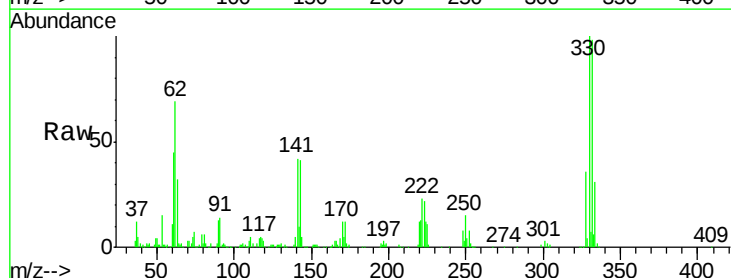
RT: 16.27 min Scan# 2243

Delta R.T. -0.00 min

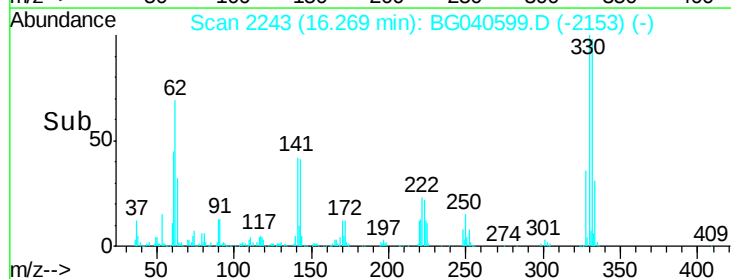
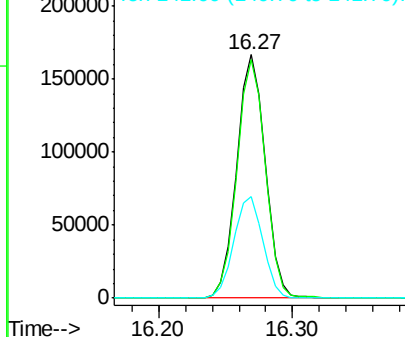
Lab File: BG040599.D

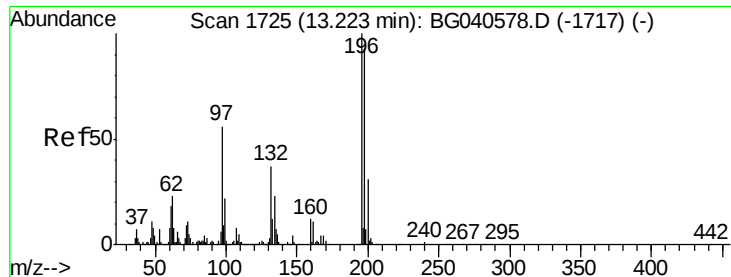
Acq: 24 Apr 2019 18:33

Tgt Ion:	330	Resp:	246831
Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.9	113.9
141	42.8	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

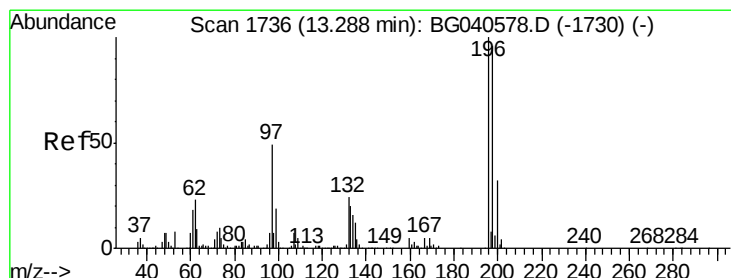
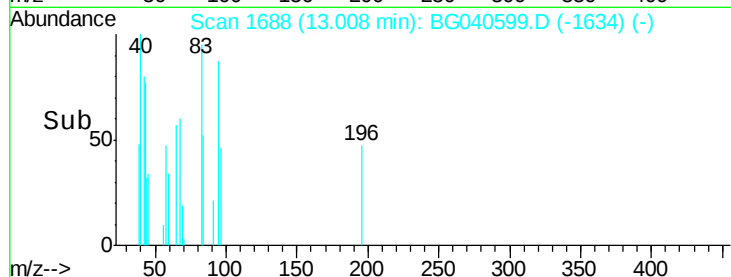
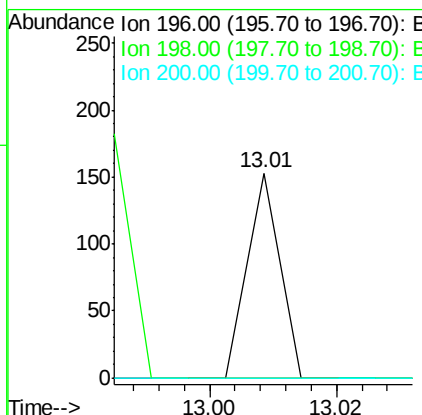
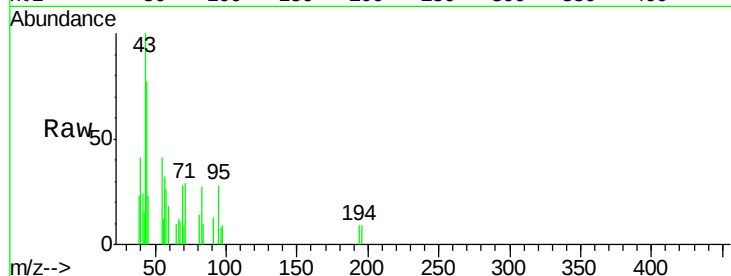




#43
 2,4,6-Trichlorophenol
 Concen: 0.019 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.21 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

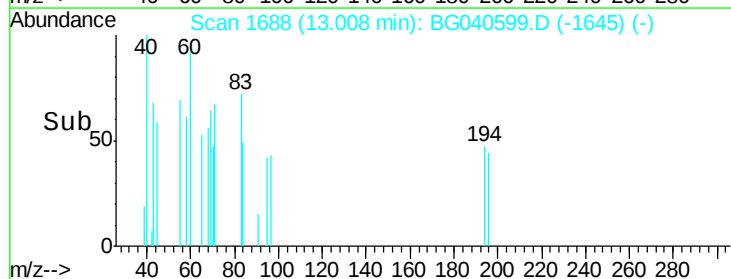
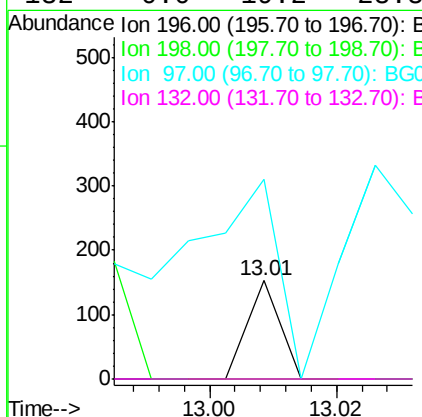
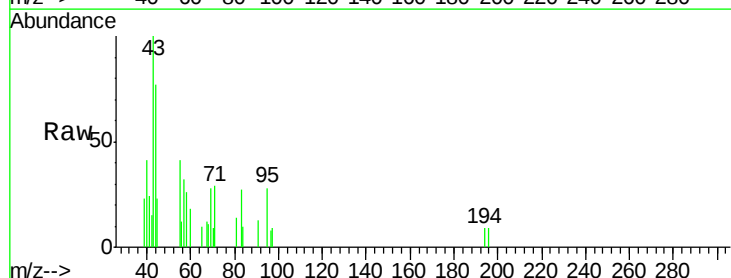
Instrument :
 BNA_G
 ClientSampled :

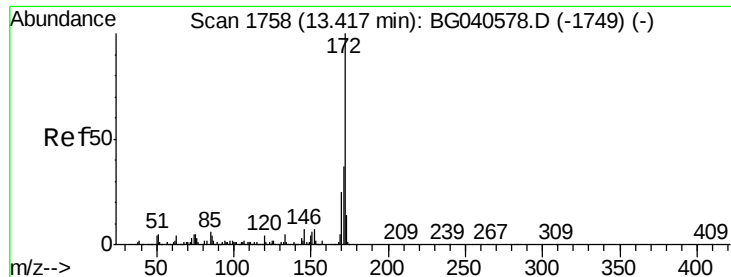
Tot Ion	Ratio	Lower	Upper
196	100		
198	0.0	74.8	112.2#
200	0.0	24.9	37.3#



#44
 2,4,5-Trichlorophenol
 Concen: 0.017 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.28 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	77.0	115.6#
97	203.3	40.0	60.0#
132	0.0	19.2	28.8#

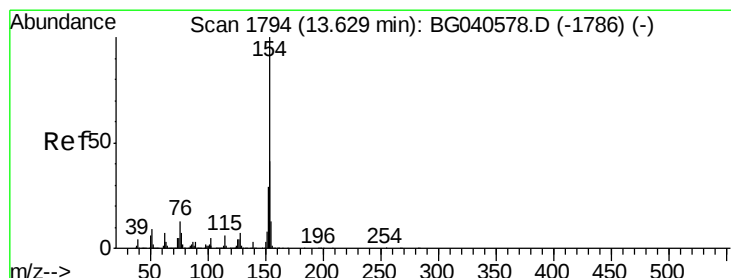
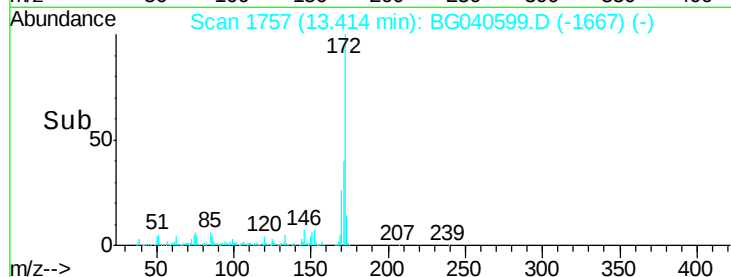
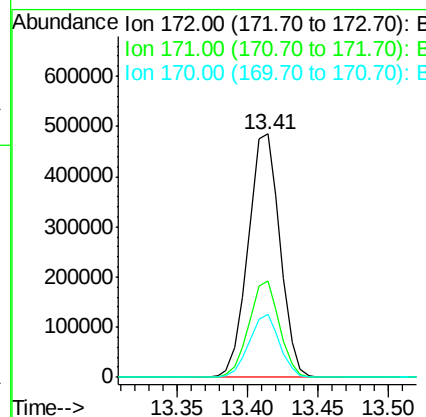
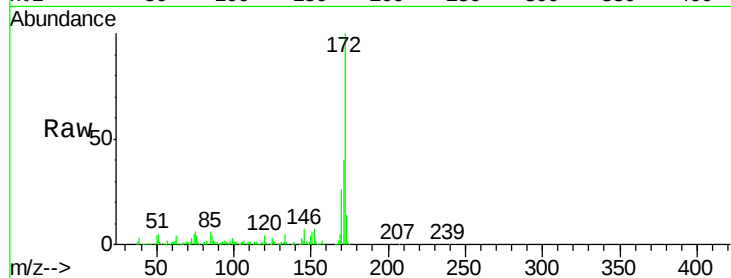




#45
 2-Fluorobiphenyl
 Concen: 87.324 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

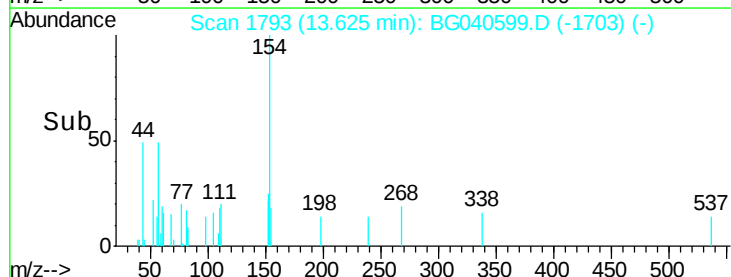
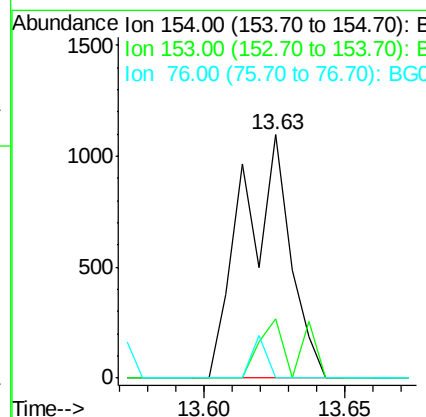
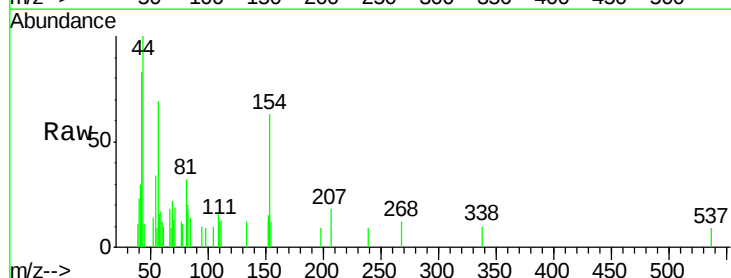
Instrument :
 BNA_G
 ClientSampleId :

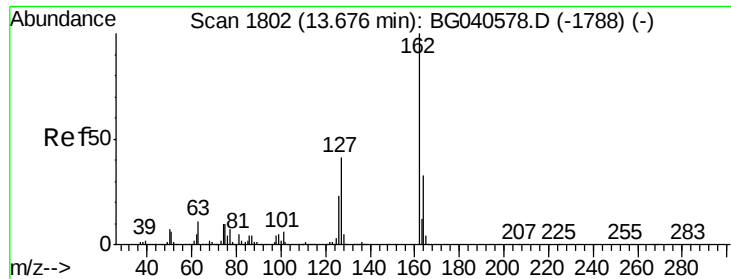
Tot Ion:172	Resp:	765908
Ion	Ratio	Lower Upper
172	100	
171	39.5	29.4 44.2
170	25.8	19.9 29.9



#46
 1,1'-Biphenyl
 Concen: 0.130 ng
 RT: 13.63 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

Tgt Ion:154	Resp:	1274
Ion	Ratio	Lower Upper
154	100	
153	24.5	20.5 60.5
76	0.0	0.0 32.5

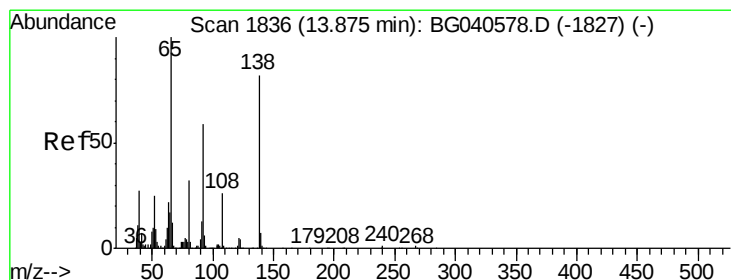
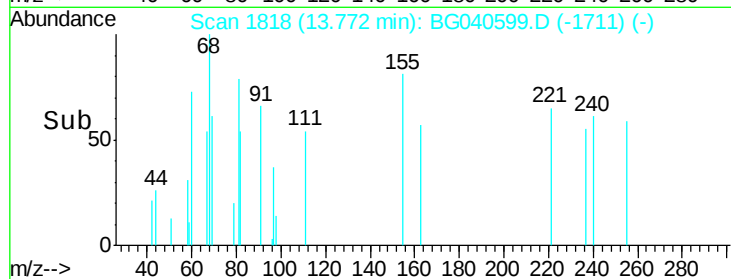
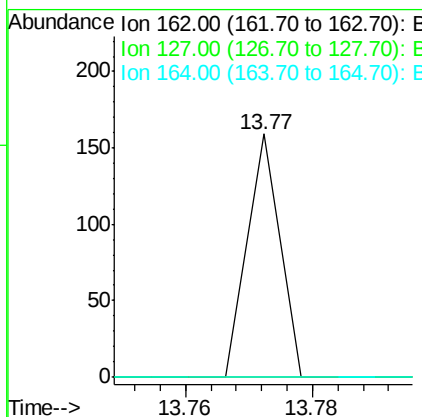
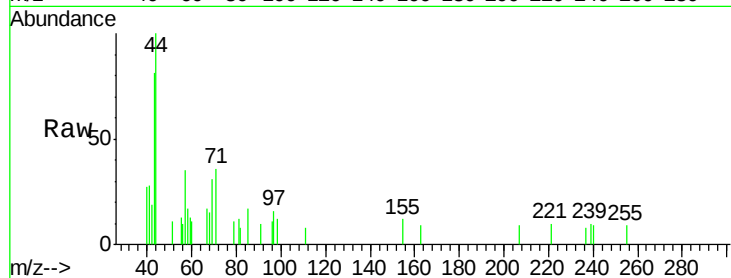




#47
2-Chloronaphthalene
Concen: 0.007 ng
RT: 13.77 min Scan# 1818
Delta R.T. 0.10 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

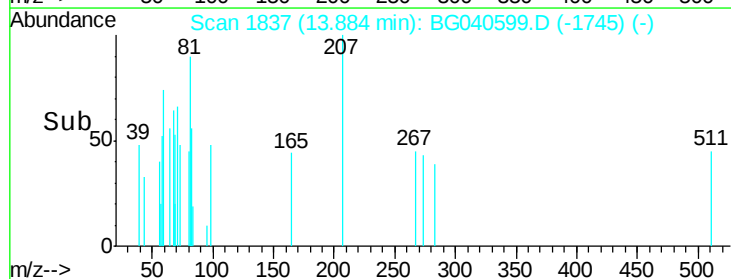
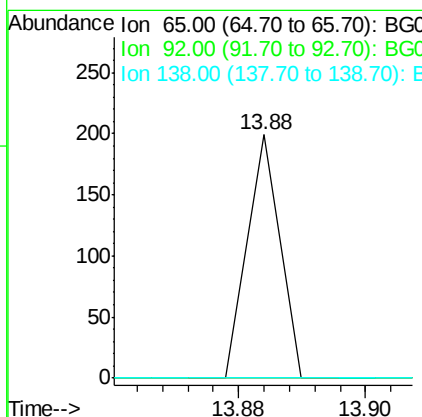
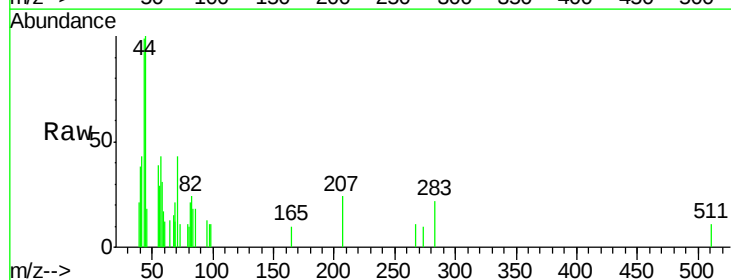
Instrument :
BNA_G
ClientSampled :

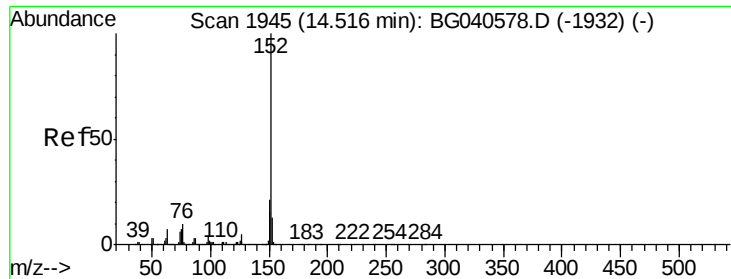
Tot Ion:162 Resp: 56
Ion Ratio Lower Upper
162 100
127 0.0 33.0 49.4#
164 0.0 26.8 40.2#



#48
2-Nitroaniline
Concen: 0.026 ng
RT: 13.88 min Scan# 1837
Delta R.T. 0.01 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

Tgt Ion: 65 Resp: 70
Ion Ratio Lower Upper
65 100
92 0.0 47.4 71.0#
138 0.0 66.1 99.1#





#49

Acenaphthylene

Concen: 0.009 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampleId :

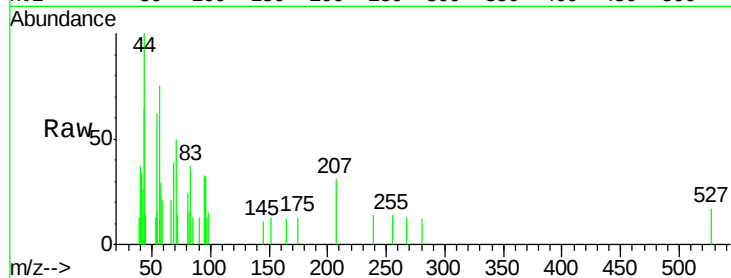
Tot Ion:152 Resp: 114

Ion Ratio Lower Upper

152 100

151 100.0 17.2 25.8#

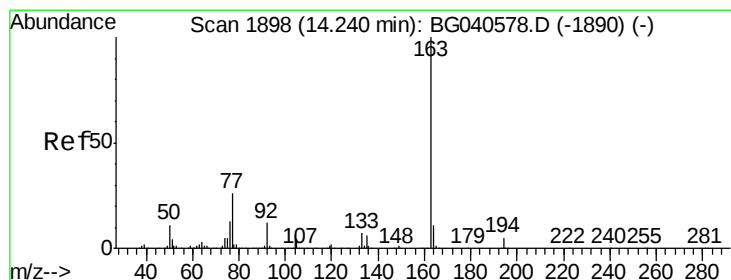
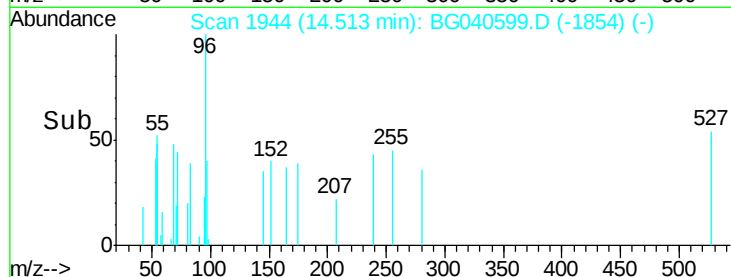
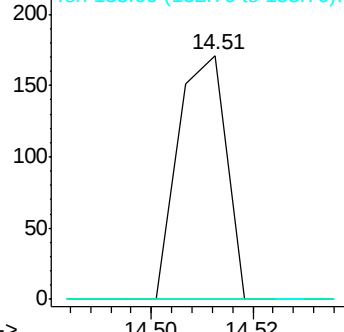
153 0.0 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 0.007 ng

RT: 14.28 min Scan# 1905

Delta R.T. 0.04 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

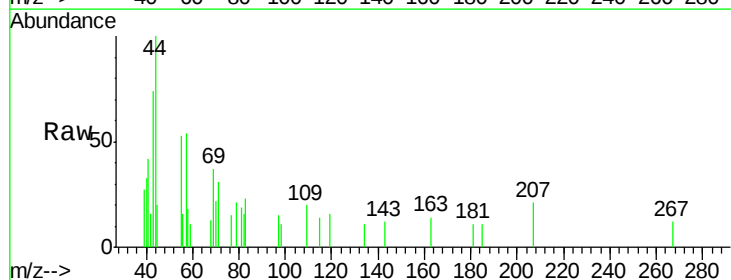
Tgt Ion:163 Resp: 71

Ion Ratio Lower Upper

163 100

194 0.0 3.8 5.8#

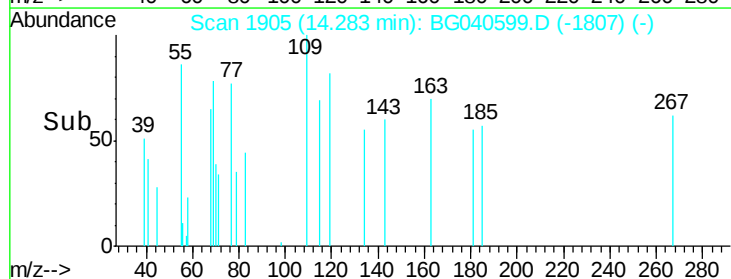
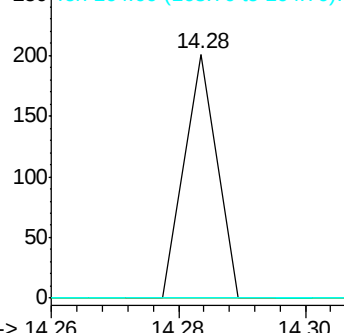
164 0.0 8.8 13.2#

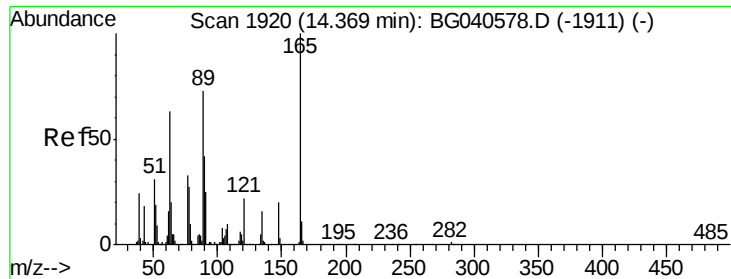


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.935 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.41 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampled :

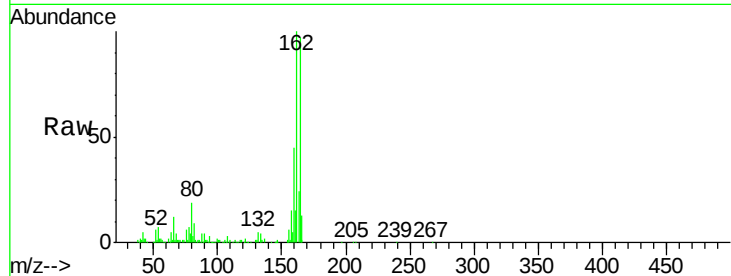
Tot Ion:165 Resp: 16412

Ion Ratio Lower Upper

165 100

63 3.3 61.0 91.4#

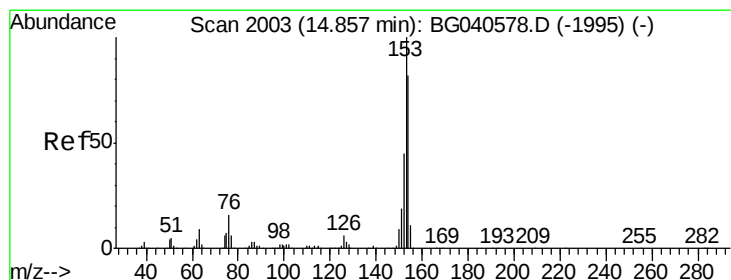
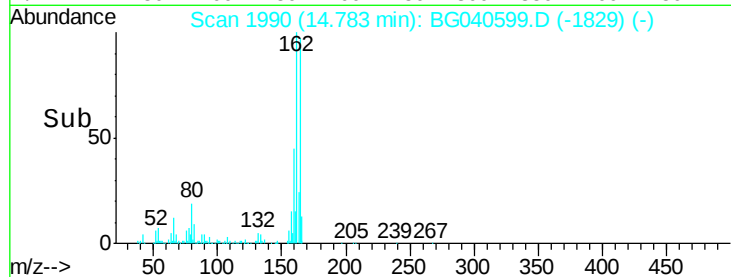
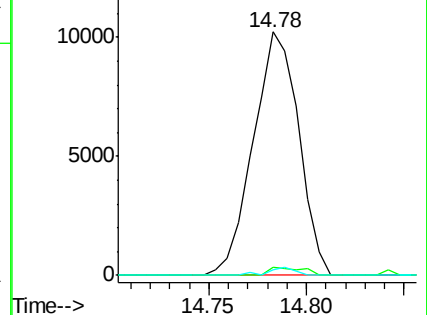
89 2.1 58.6 87.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 0.014 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

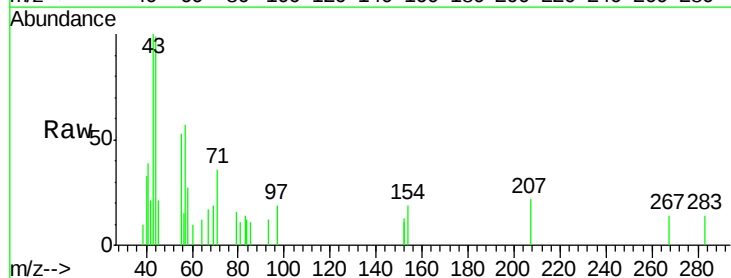
Tgt Ion:154 Resp: 110

Ion Ratio Lower Upper

154 100

153 0.0 97.0 145.6#

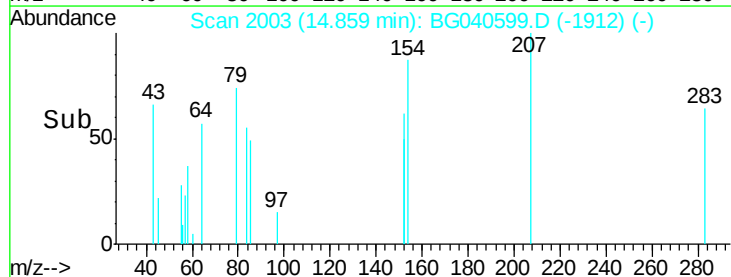
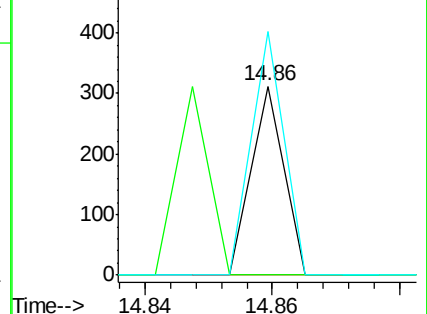
152 128.8 44.1 66.1#

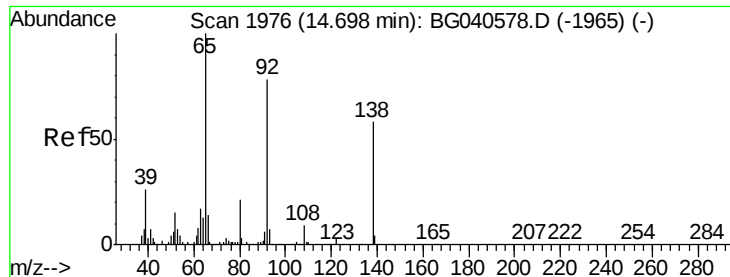


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 0.034 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.10 min

Lab File: BG040599.D

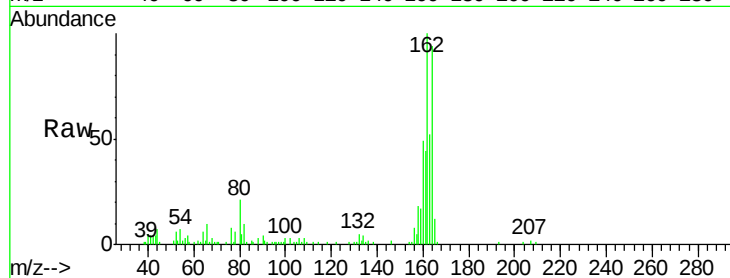
Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampled :

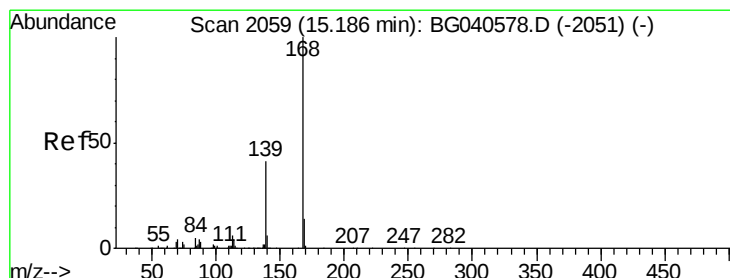
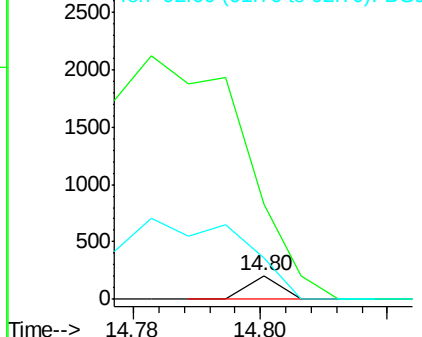
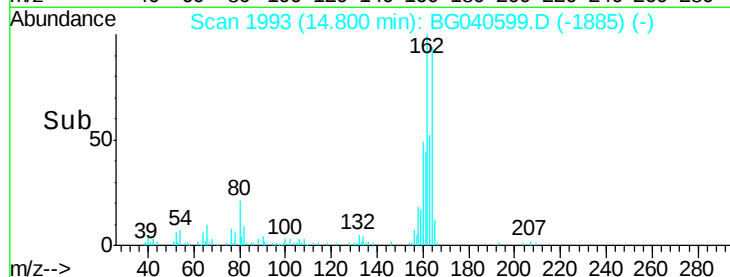
Tot Ion	Ratio	Lower	Upper
138	100		
108	399.0	12.4	18.6#
92	172.5	108.6	162.8#



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



#55

Dibenzofuran

Concen: 0.005 ng

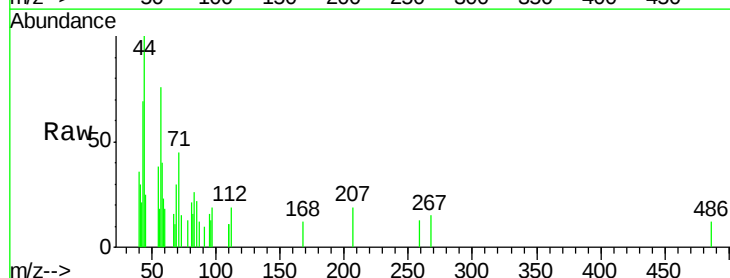
RT: 15.19 min Scan# 2060

Delta R.T. 0.01 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

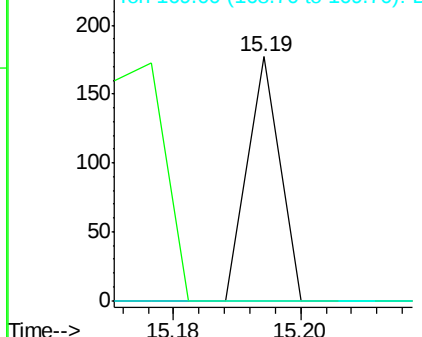
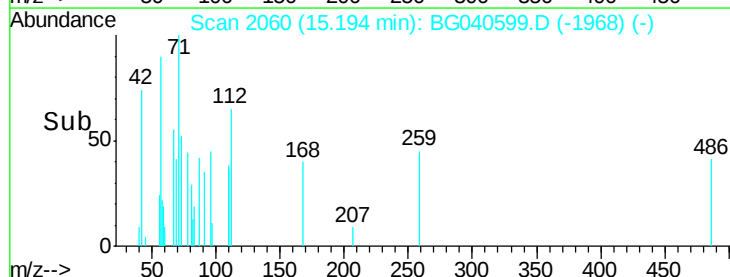
Tgt Ion	Ratio	Lower	Upper
168	100		
139	0.0	33.0	49.4#
169	0.0	11.0	16.4#

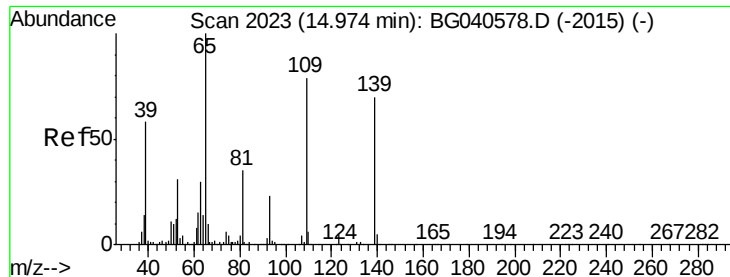


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

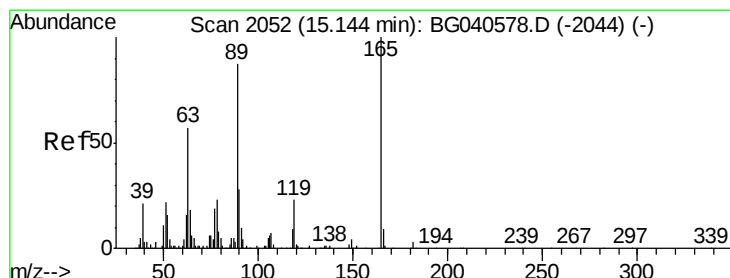
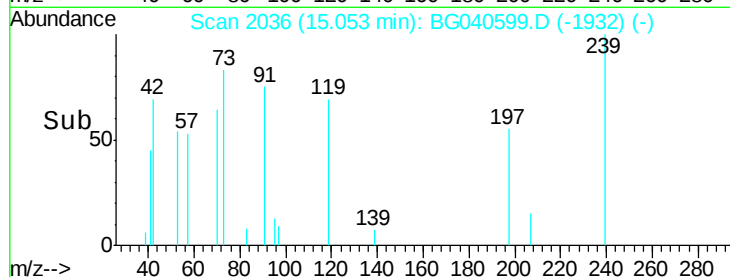
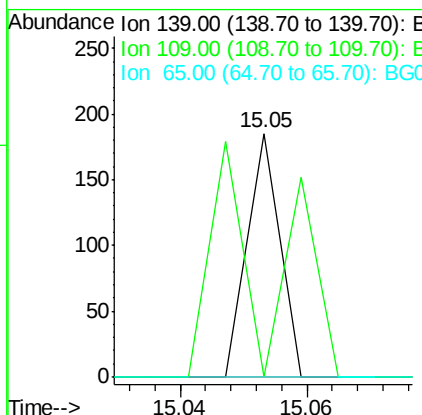
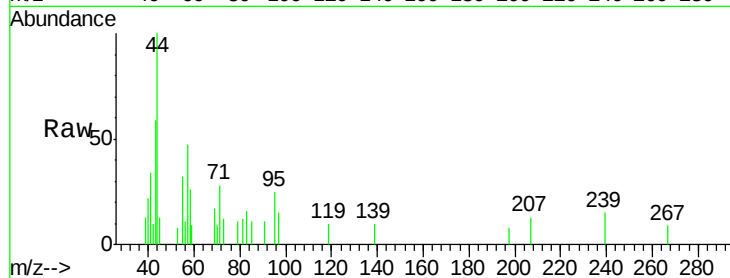




#56
4-Nitrophenol
Concen: 0.035 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.08 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

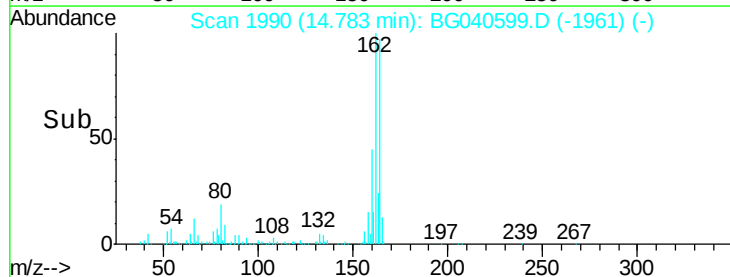
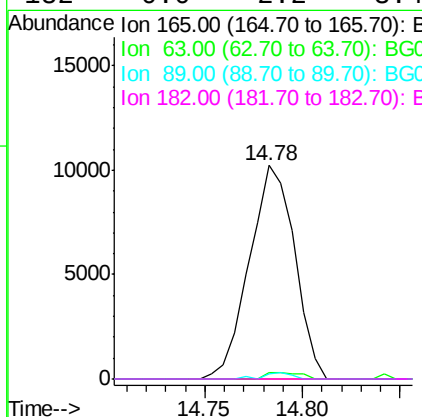
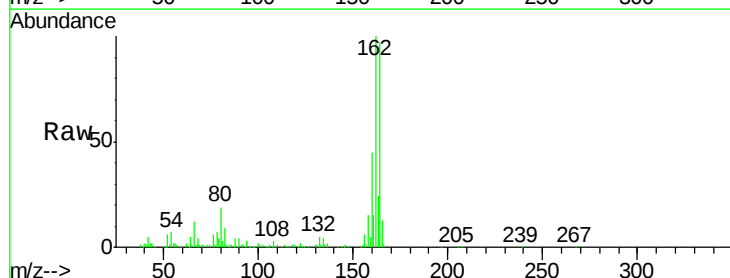
Instrument :
BNA_G
ClientSampled :

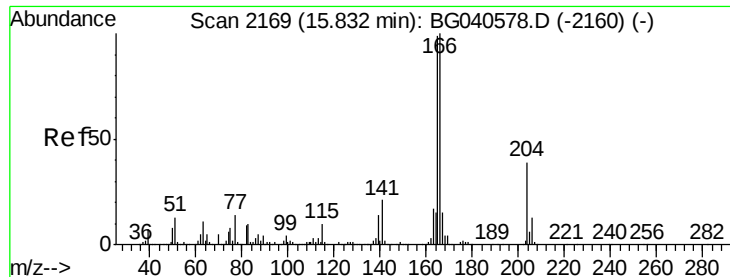
Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	93.8	133.8#
65	0.0	122.7	162.7#



#57
2,4-Dinitrotoluene
Concen: 5.839 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.36 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.3	45.8	68.8#
89	2.1	69.4	104.2#
182	0.0	2.2	3.4#





#58

Fluorene

Concen: 0.047 ng

RT: 15.39 min Scan# 2093

Delta R.T. -0.44 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampled :

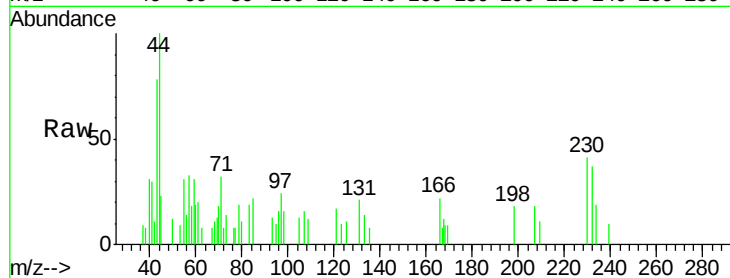
Tot Ion:166 Resp: 477

Ion Ratio Lower Upper

166 100

165 100.0 79.6 119.4

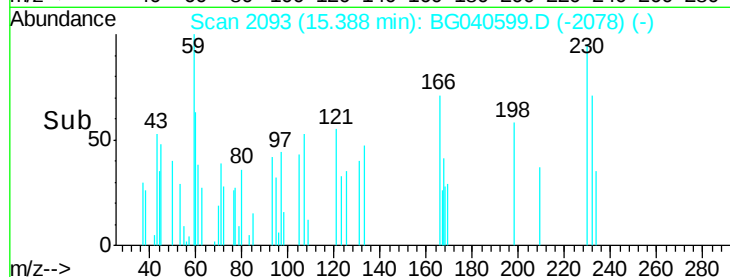
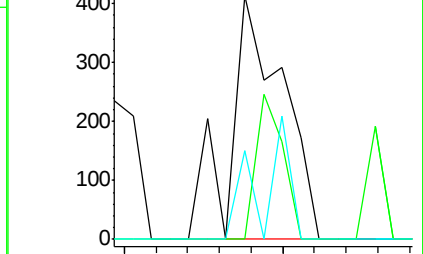
167 93.5 12.2 18.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 0.469 ng

RT: 15.39 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Tgt Ion:232 Resp: 1466

Ion Ratio Lower Upper

232 100

131 54.8 33.0 49.4#

130 0.0 2.0 3.0#

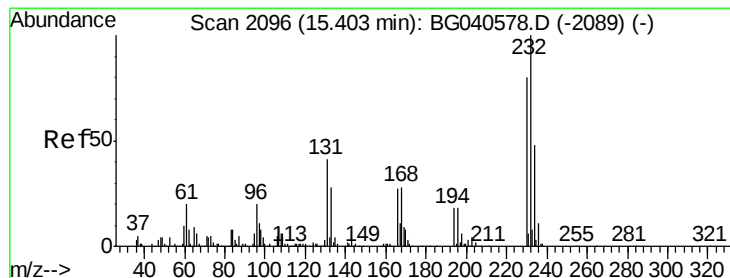
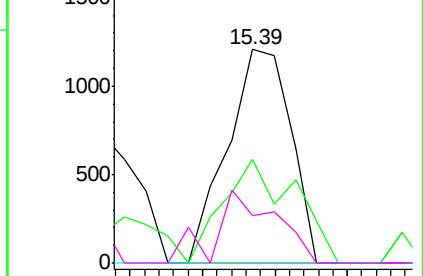
166 32.5 22.1 33.1

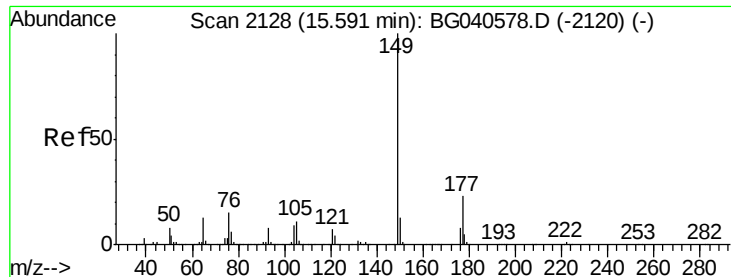
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#60

Diethylphthalate

Concen: 0.058 ng

RT: 15.58 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampleId :

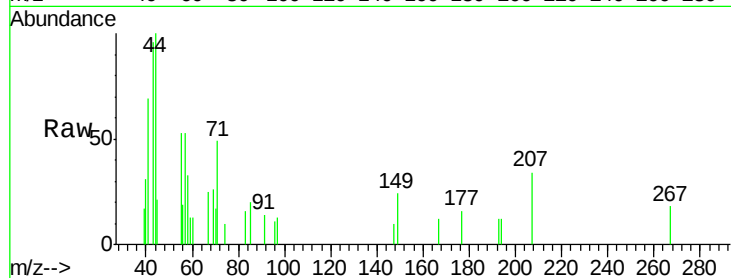
Tot Ion:149 Resp: 644

Ion Ratio Lower Upper

149 100

177 66.4 18.5 27.7#

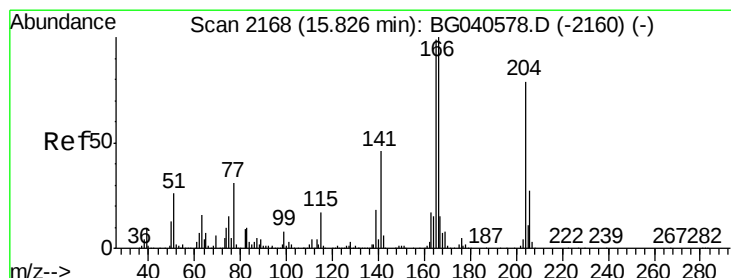
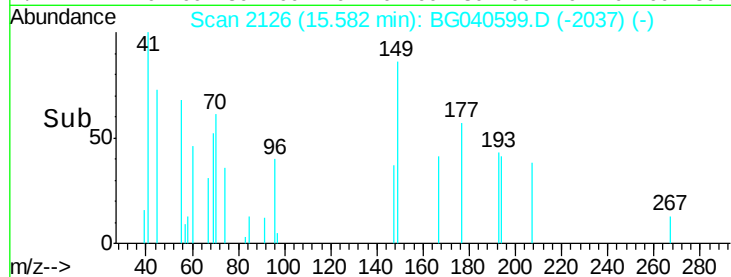
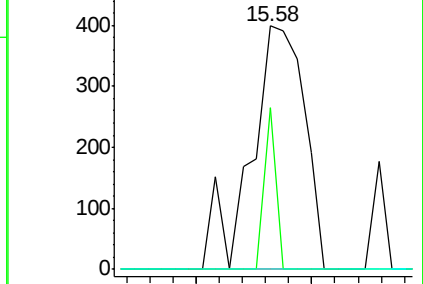
150 0.0 10.2 15.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 0.011 ng

RT: 16.18 min Scan# 2228

Delta R.T. 0.36 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

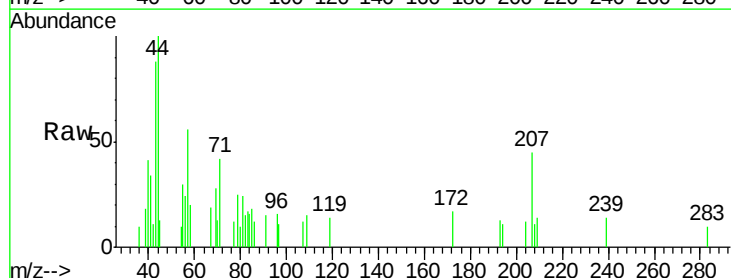
Tgt Ion:204 Resp: 64

Ion Ratio Lower Upper

204 100

206 0.0 27.4 41.2#

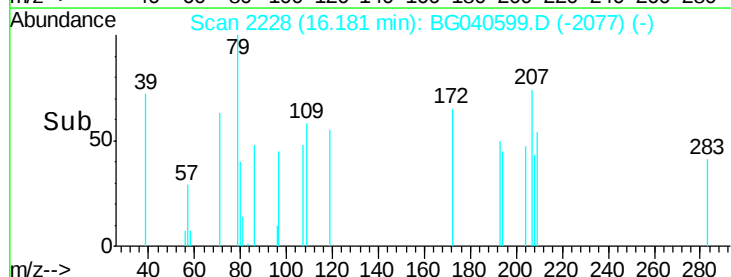
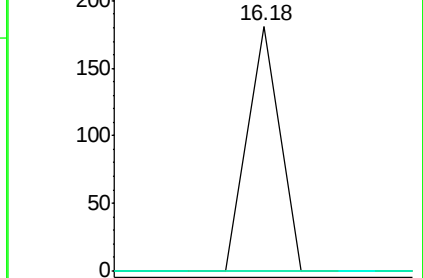
141 0.0 46.0 69.0#

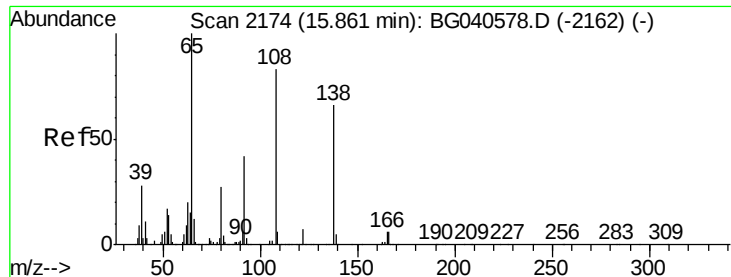


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

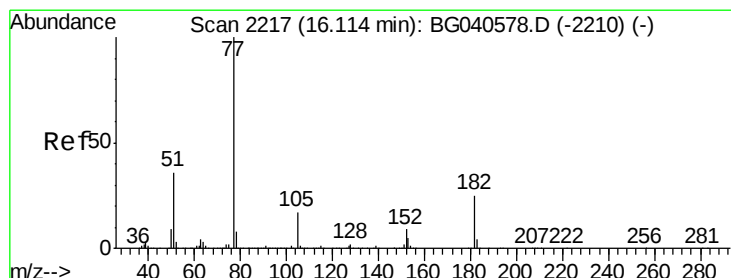
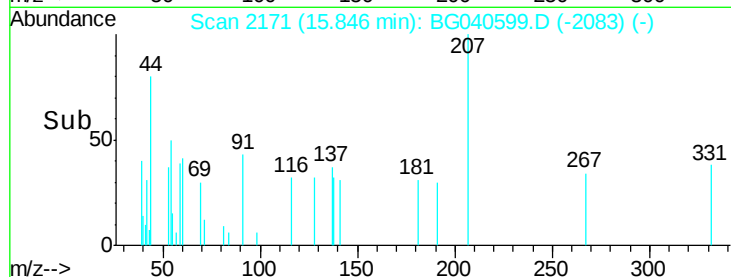
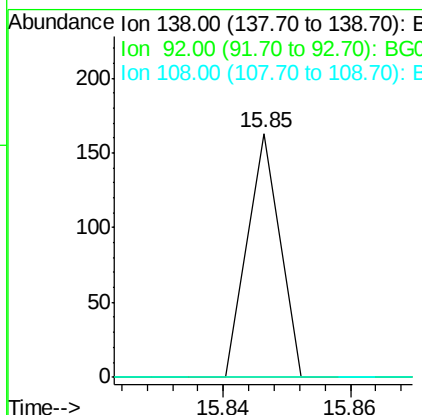
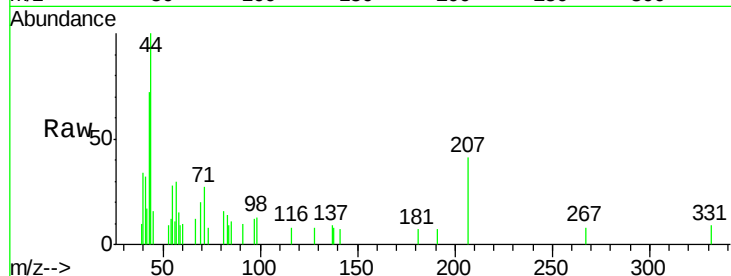




#62
4-Nitroaniline
Concen: 0.024 ng
RT: 15.85 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

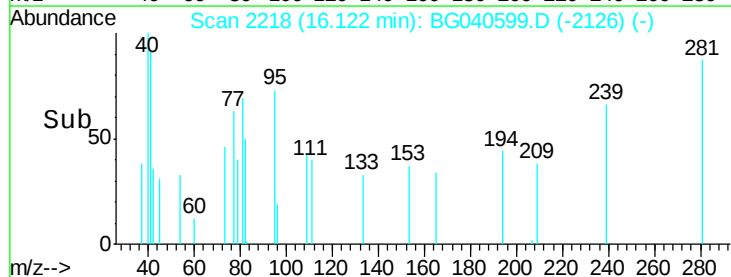
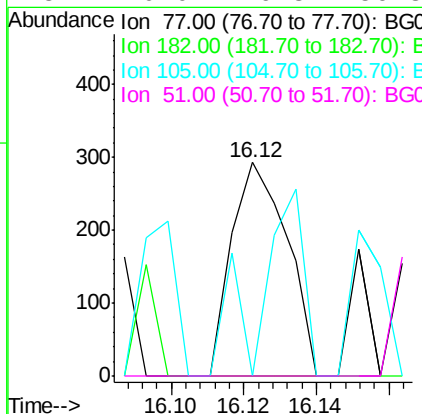
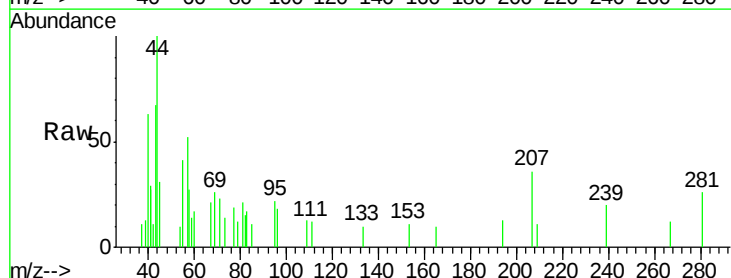
Instrument :
BNA_G
ClientSampleId :

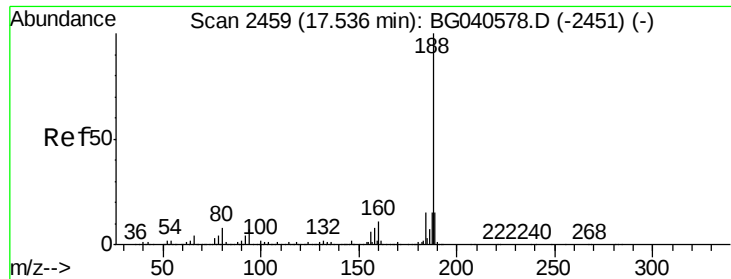
Tot Ion:138 Resp: 57
Ion Ratio Lower Upper
138 100
92 0.0 43.9 83.9#
108 0.0 106.5 146.5#



#63
Azobenzene
Concen: 0.027 ng
RT: 16.12 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

Tgt Ion: 77 Resp: 312
Ion Ratio Lower Upper
77 100
182 0.0 5.0 45.0#
105 0.0 0.0 37.6
51 0.0 16.3 56.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampleId :

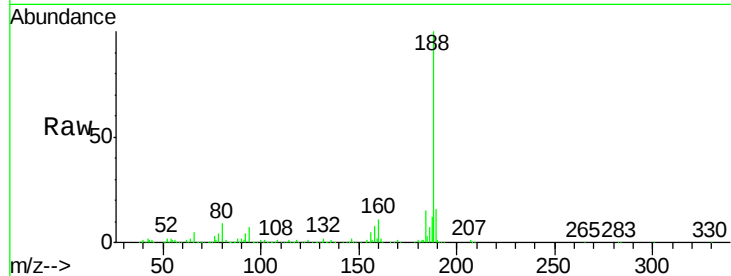
Tot Ion:188 Resp: 335468

Ion Ratio Lower Upper

188 100

94 6.7 5.6 8.4

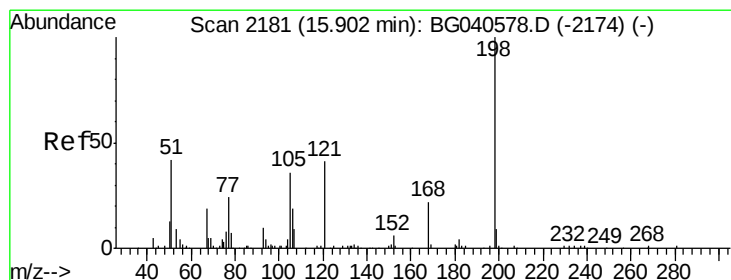
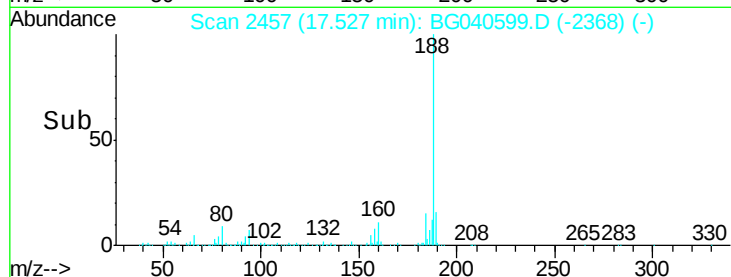
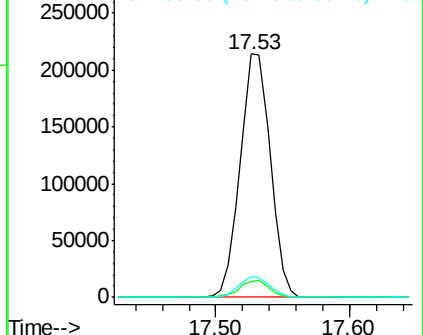
80 8.8 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

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: 7.148 ng

RT: 16.00 min Scan# 2197

Delta R.T. 0.10 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

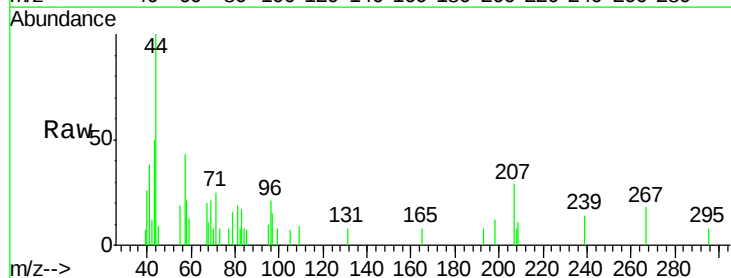
Tgt Ion:198 Resp: 90

Ion Ratio Lower Upper

198 100

51 0.0 35.9 75.9#

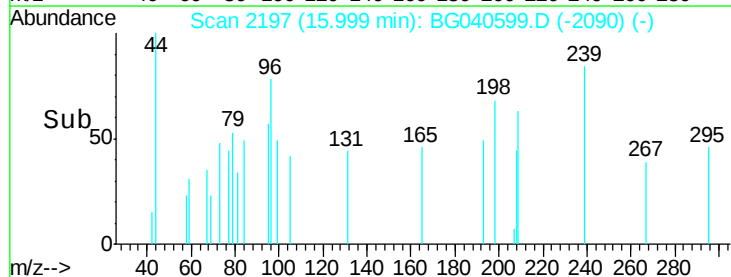
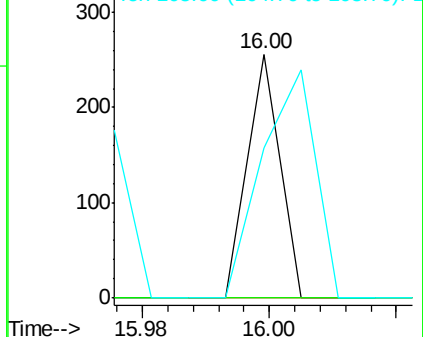
105 61.3 21.2 61.2#

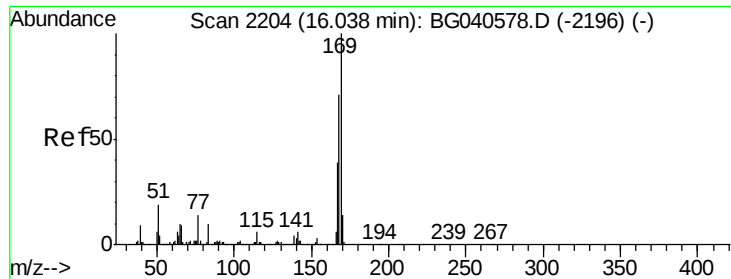


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

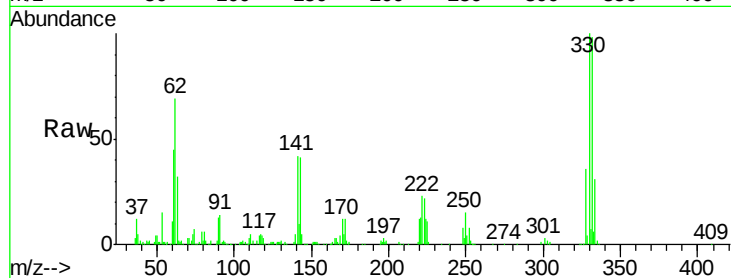




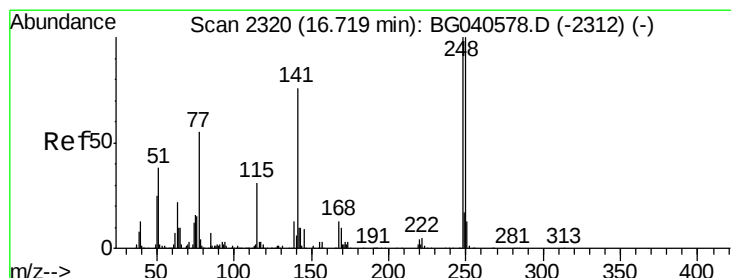
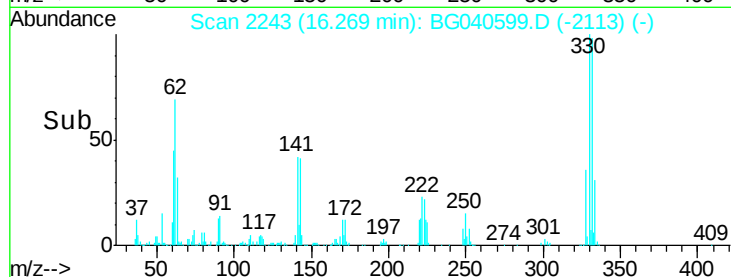
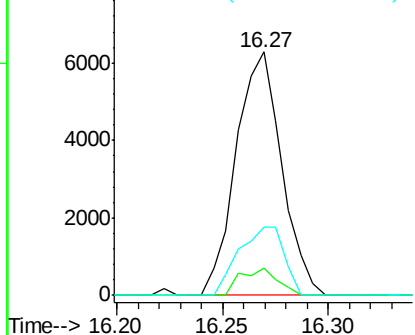
#66
 n-Nitrosodiphenylamine
 Concen: 0.952 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. 0.23 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 9394
 Ion Ratio Lower Upper
 169 100
 168 11.1 56.8 85.2#
 167 27.8 31.4 47.0#

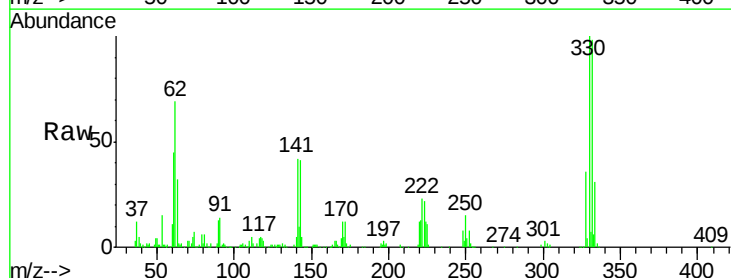


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

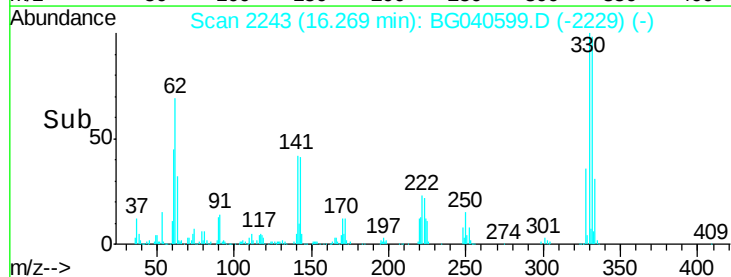
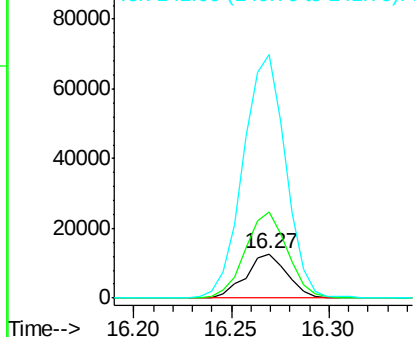


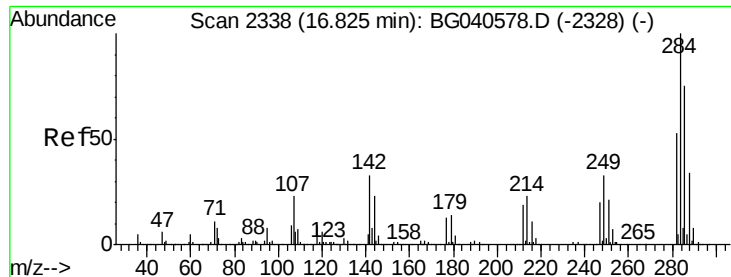
#67
 4-Bromophenyl-phenylether
 Concen: 4.408 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

Tgt Ion:248 Resp: 18423
 Ion Ratio Lower Upper
 248 100
 250 195.0 79.8 119.6#
 141 548.4 60.8 91.2#



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





#68

Hexachlorobenzene

Concen: 0.013 ng

RT: 17.14 min Scan# 2392

Delta R.T. 0.32 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampleId :

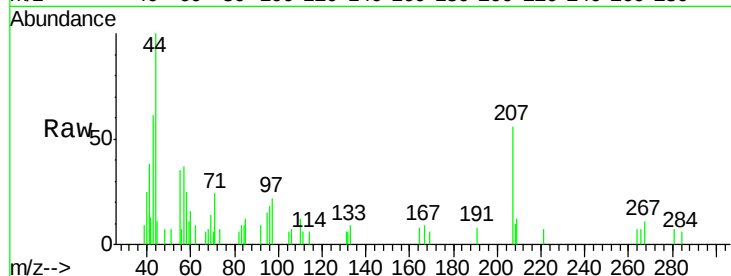
Tot Ion:284 Resp: 55

Ion Ratio Lower Upper

284 100

142 0.0 26.6 40.0#

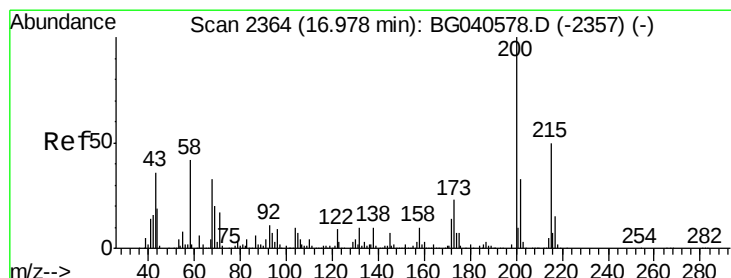
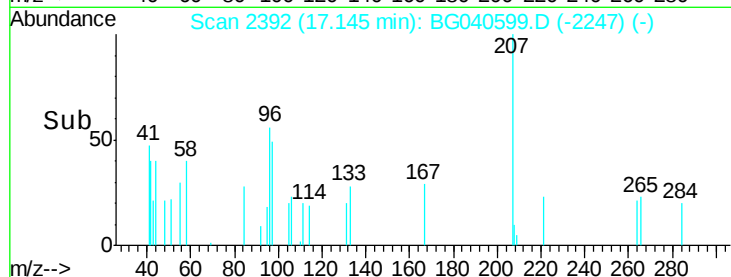
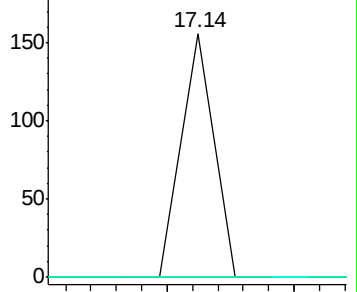
249 0.0 26.0 39.0#



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



#69

Atrazine

Concen: 0.017 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

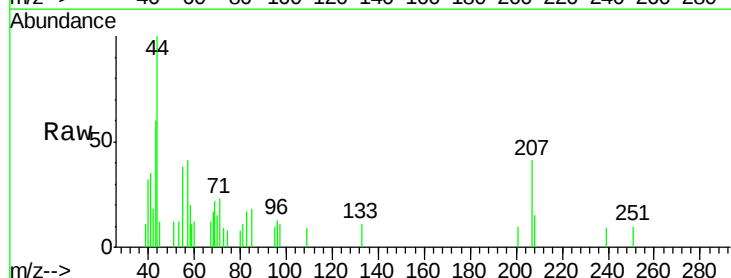
Tgt Ion:200 Resp: 68

Ion Ratio Lower Upper

200 100

173 0.0 2.8 42.8#

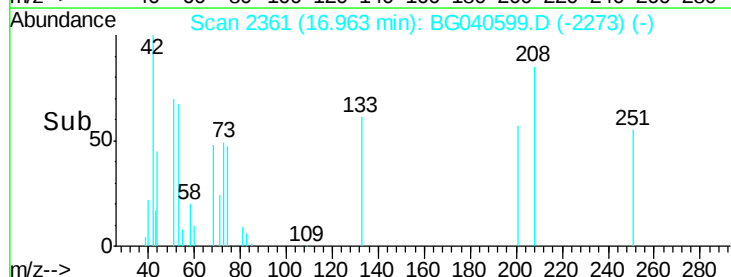
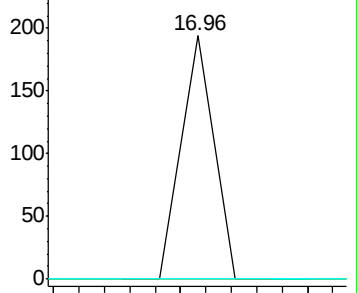
215 0.0 30.2 70.2#

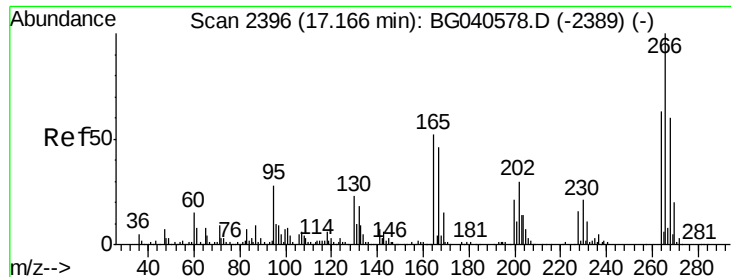


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

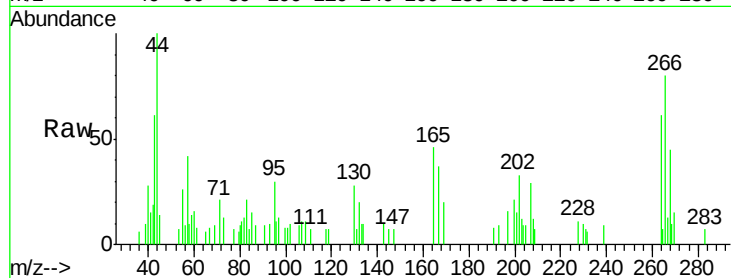




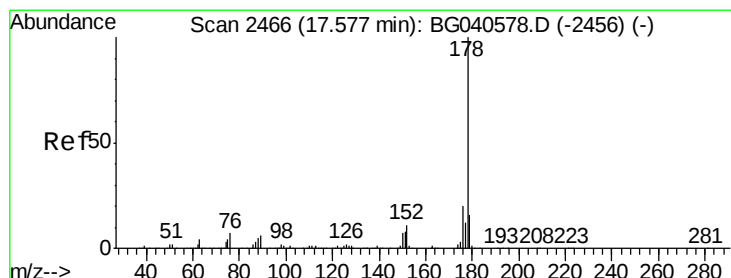
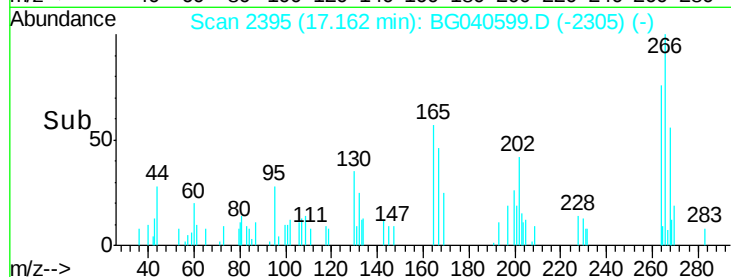
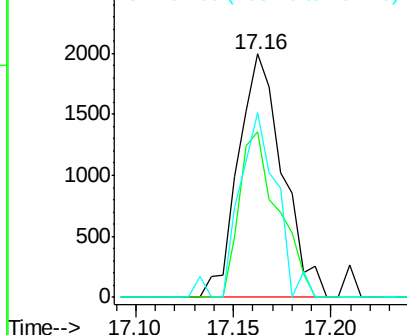
#70
 Pentachlorophenol
 Concen: 1.242 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.00 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 3141
 Ion Ratio Lower Upper
 266 100
 268 68.1 52.3 78.5
 264 84.6 50.0 75.0#

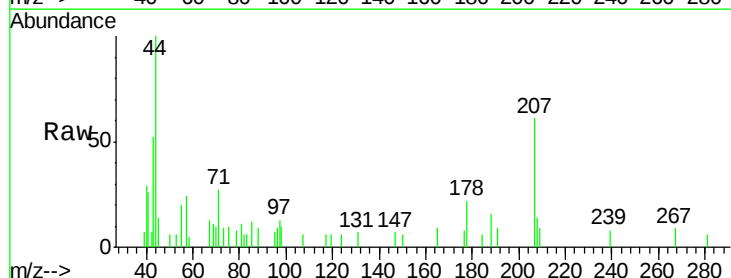


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

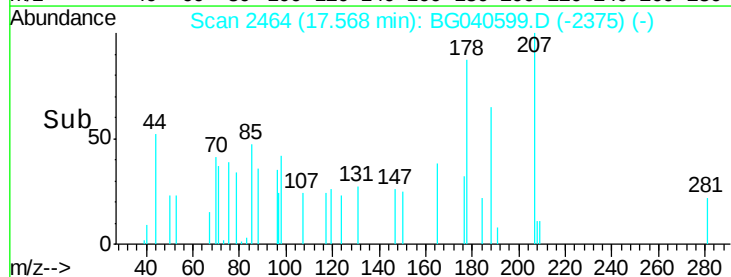
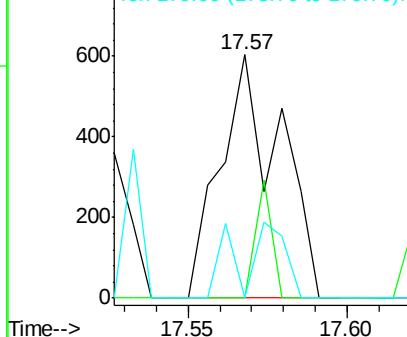


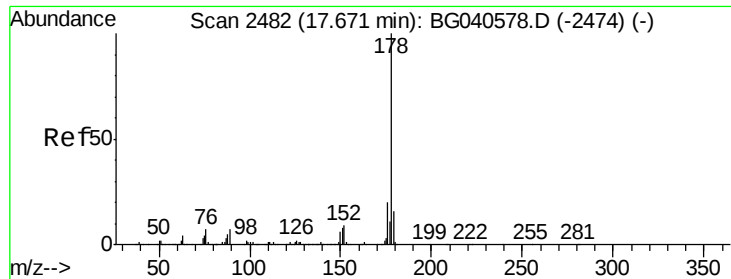
#71
 Phenanthrene
 Concen: 0.043 ng
 RT: 17.57 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

Tgt Ion:178 Resp: 784
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.6#
 179 0.0 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

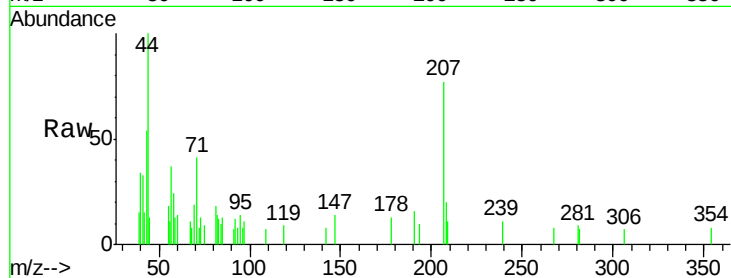




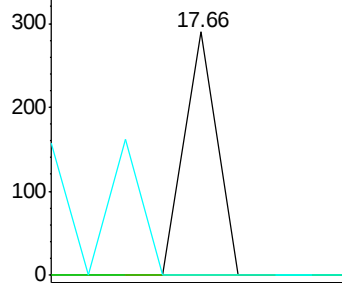
#72
 Anthracene
 Concen: 0.006 ng
 RT: 17.66 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

Instrument :
 BNA_G
 ClientSampleId :

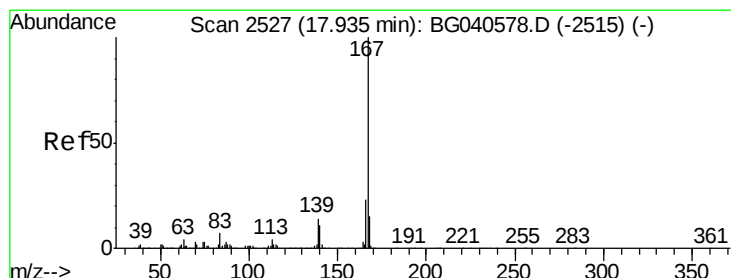
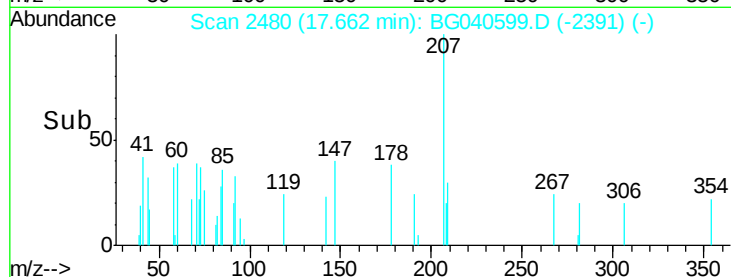
Tot Ion:178 Resp: 102
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.6 23.4#
 179 0.0 12.9 19.3#



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

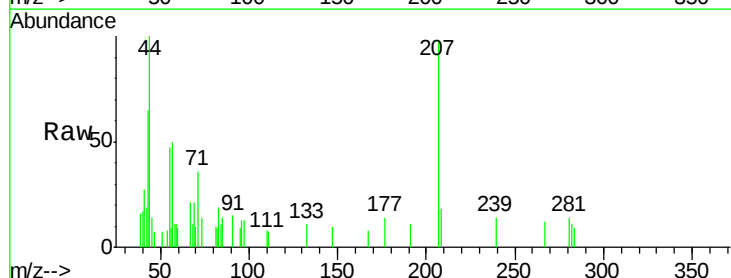


Time--> 17.64 17.66 17.68

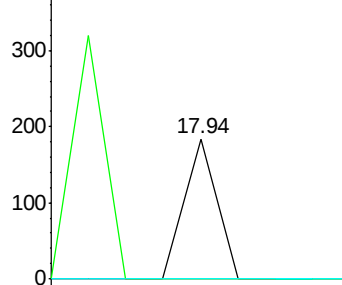


#73
 Carbazole
 Concen: 0.004 ng
 RT: 17.94 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

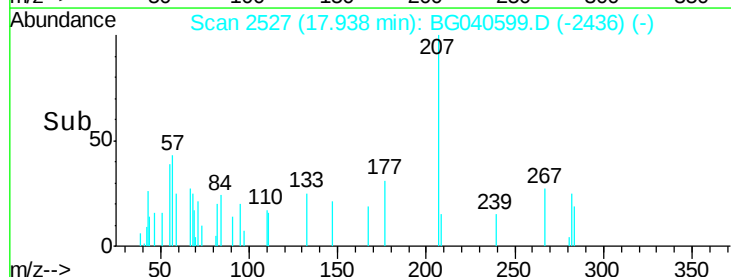
Tgt Ion:167 Resp: 65
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.4#
 139 0.0 11.4 17.0#

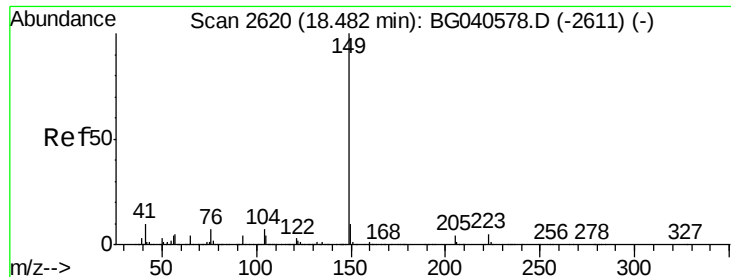


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time--> 17.92 17.94





#74

Di-n-butylphthalate

Concen: 0.139 ng

RT: 18.47 min Scan# 2617

Delta R.T. -0.01 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampleId :

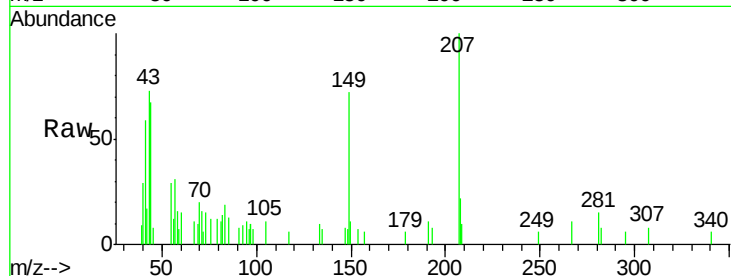
Tot Ion:149 Resp: 2773

Ion Ratio Lower Upper

149 100

150 15.9 8.2 12.2#

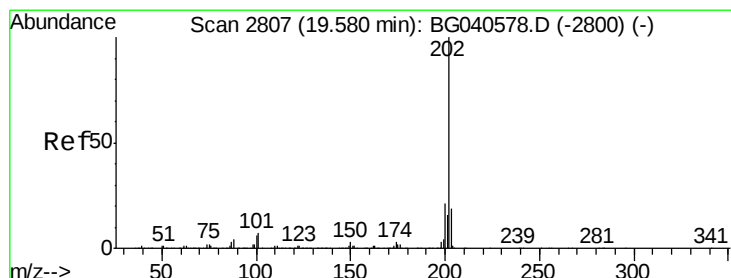
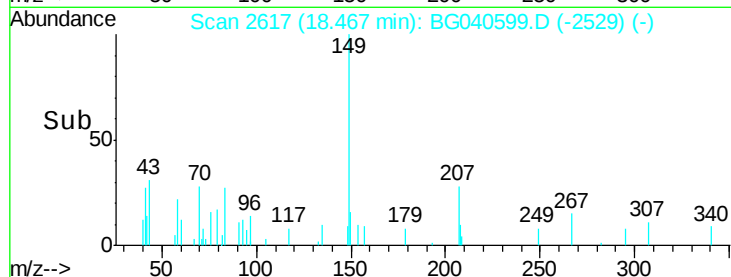
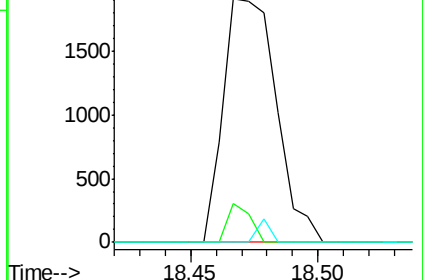
104 0.0 5.4 8.2#



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: 0.009 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

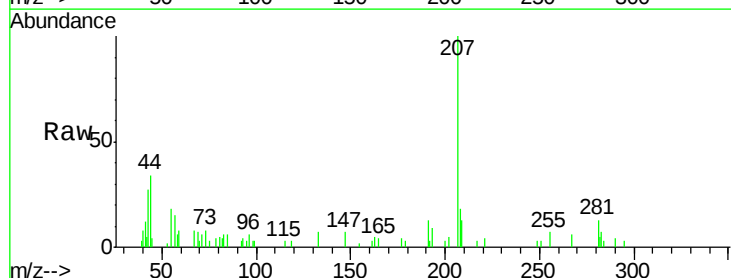
Tgt Ion:202 Resp: 205

Ion Ratio Lower Upper

202 100

101 0.0 0.0 27.5

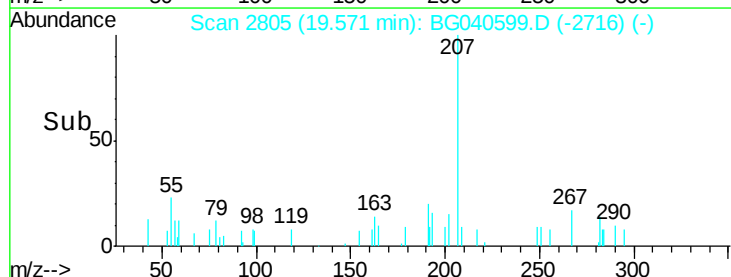
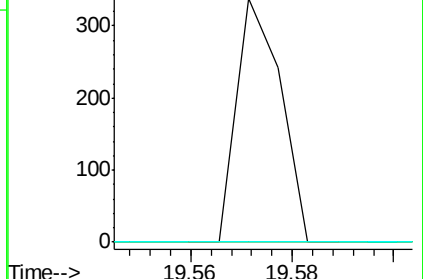
203 0.0 0.0 39.3

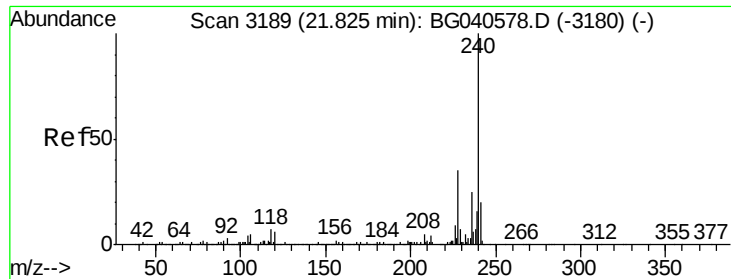


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

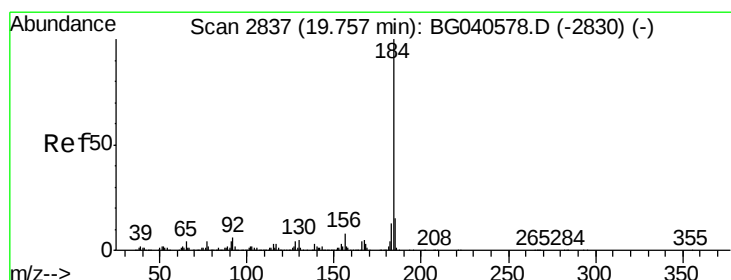
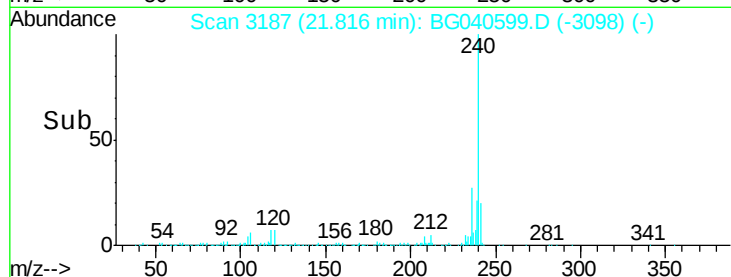
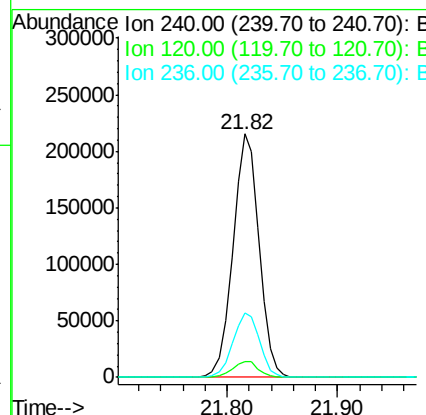
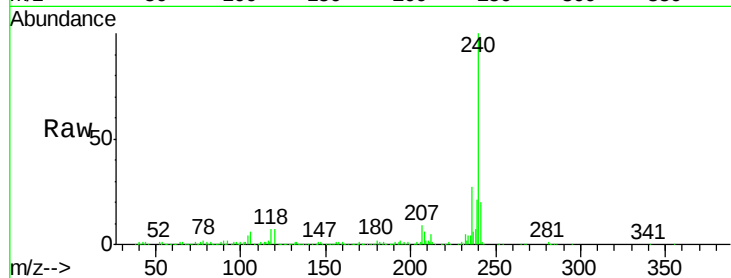




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3187
Delta R.T. -0.01 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

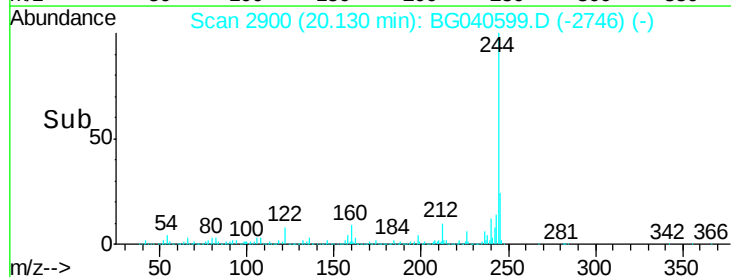
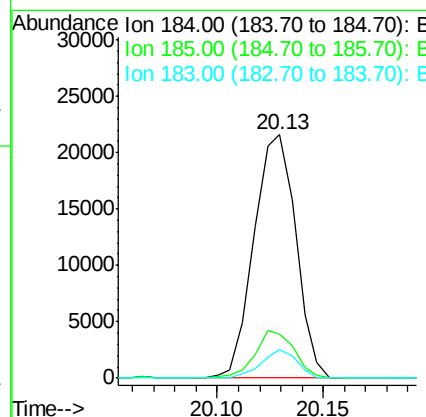
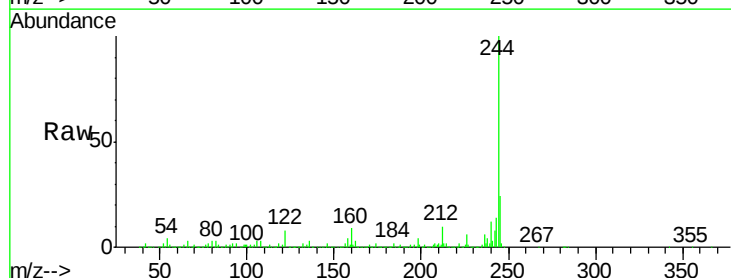
Instrument :
BNA_G
ClientSampleId :

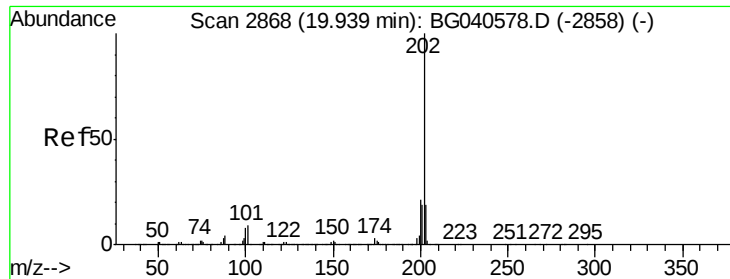
Tot Ion:240 Resp: 354346
Ion Ratio Lower Upper
240 100
120 6.6 5.0 7.6
236 26.6 20.3 30.5



#77
Benzidine
Concen: 3.068 ng
RT: 20.13 min Scan# 2900
Delta R.T. 0.37 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

Tgt Ion:184 Resp: 29762
Ion Ratio Lower Upper
184 100
185 17.9 11.8 17.8#
183 12.0 10.2 15.2

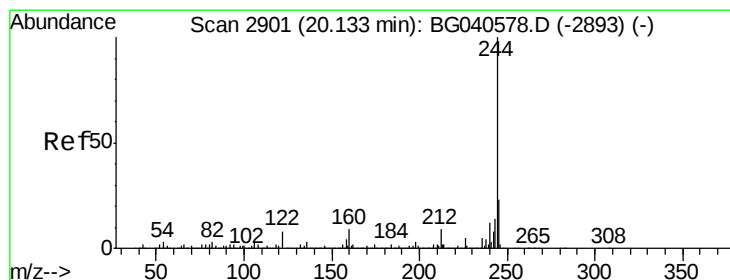
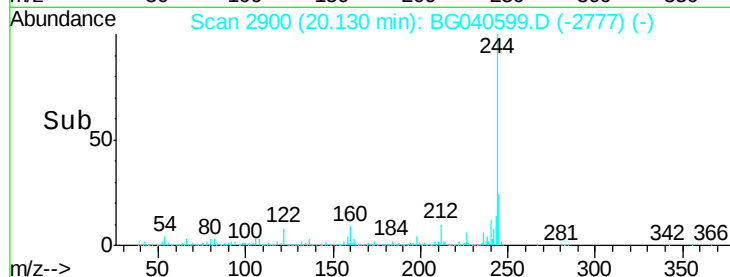
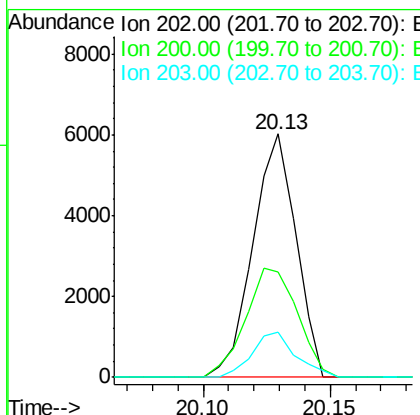
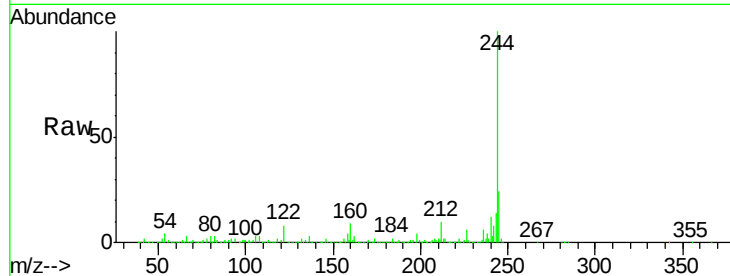




#78
 Pvrene
 Concen: 0.319 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. 0.19 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

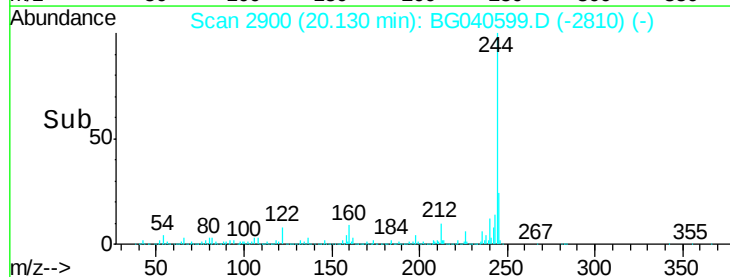
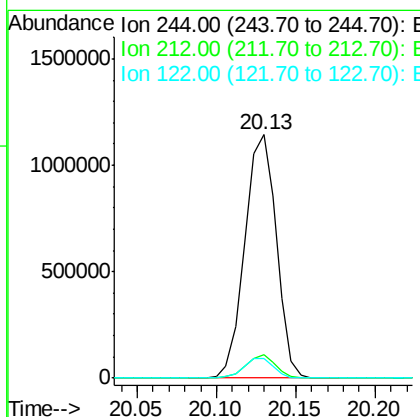
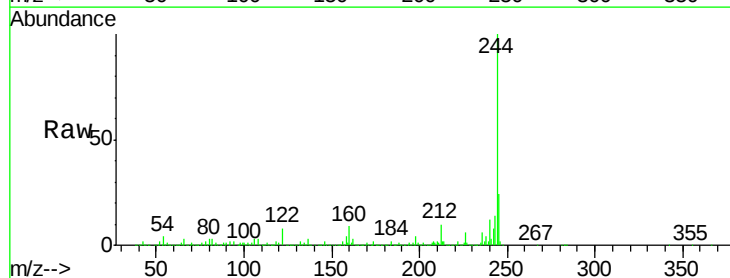
Instrument :
 BNA_G
 ClientSampleId :

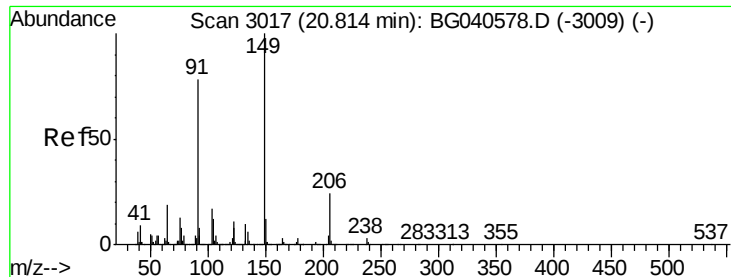
Tot Ion	Ratio	Lower	Upper
202	100		
200	43.3	17.2	25.8
203	18.7	15.0	22.4



#79
 Terphenyl-d14
 Concen: 98.607 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.2	10.8
122	8.3	6.6	10.0

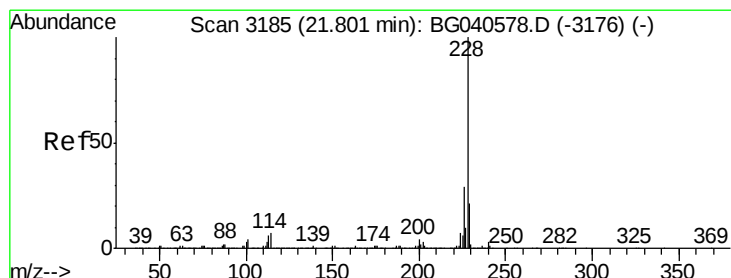
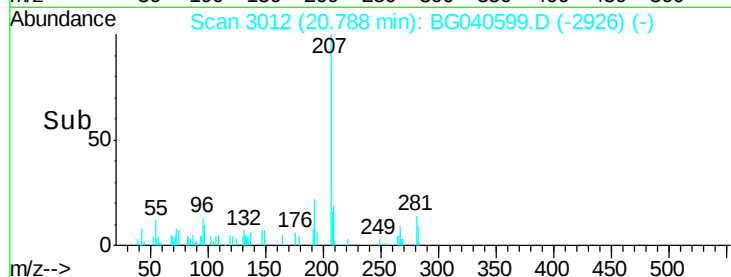
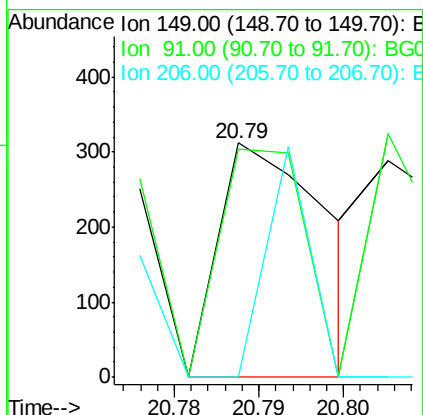
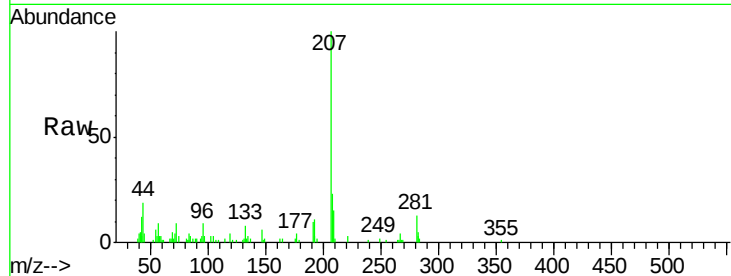




#80
Butylbenzylphthalate
Concen: 0.032 ng
RT: 20.79 min Scan# 3012
Delta R.T. -0.03 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

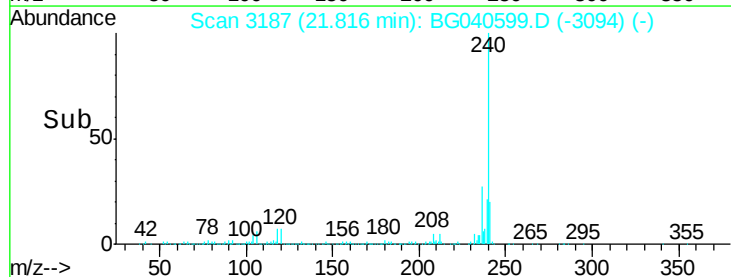
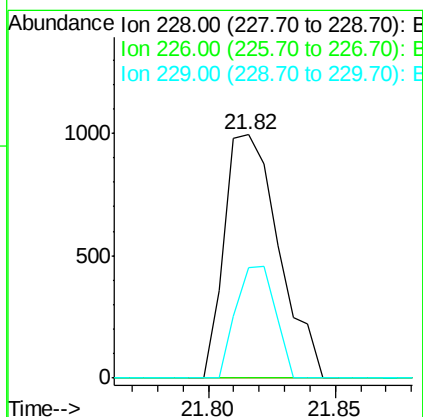
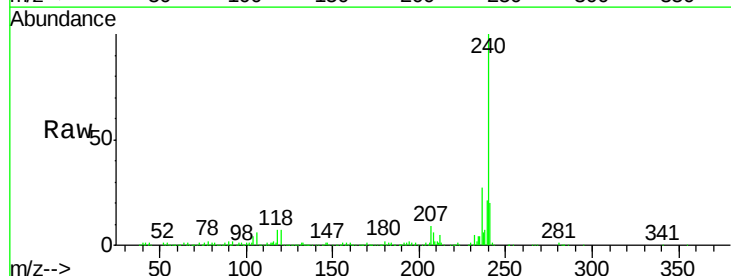
Instrument :
BNA_G
ClientSampled :

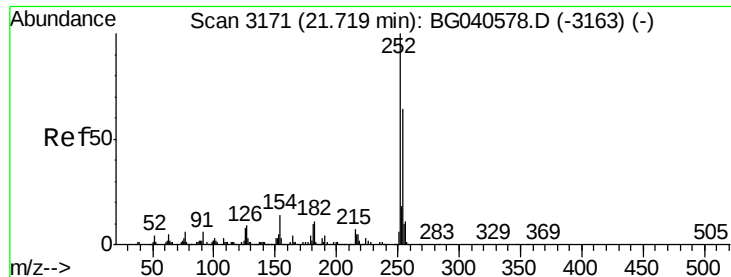
Tot Ion:149 Resp: 279
Ion Ratio Lower Upper
149 100
91 97.4 62.6 93.8#
206 0.0 19.4 29.2#



#81
Benzo(a)anthracene
Concen: 0.066 ng
RT: 21.82 min Scan# 3187
Delta R.T. 0.01 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

Tgt Ion:228 Resp: 1485
Ion Ratio Lower Upper
228 100
226 0.0 23.1 34.7#
229 45.1 17.0 25.4#

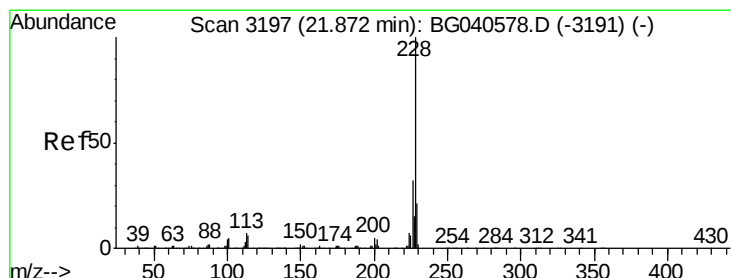
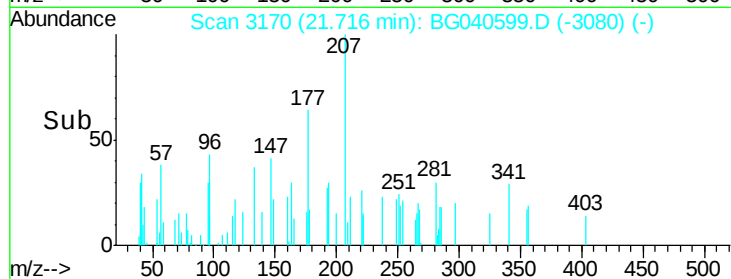
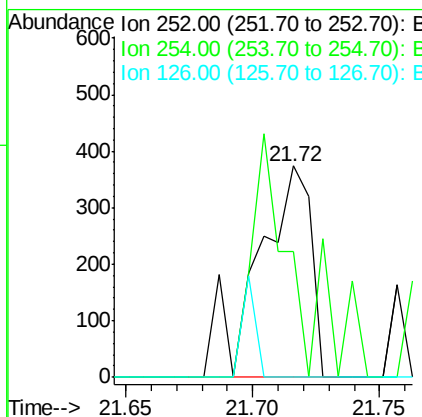
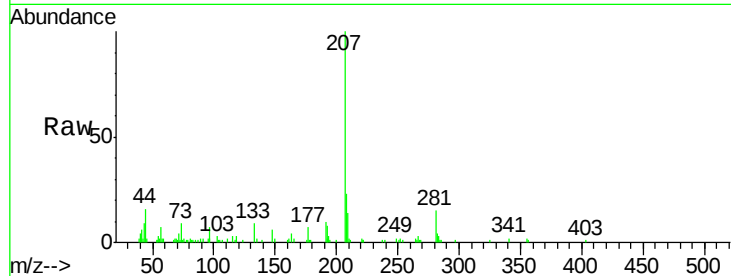




#82
 3,3'-Dichlorobenzidine
 Concen: 0.068 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

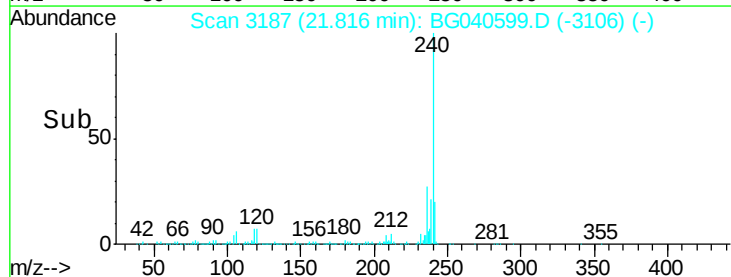
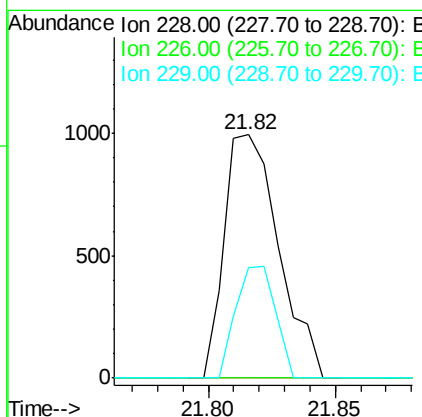
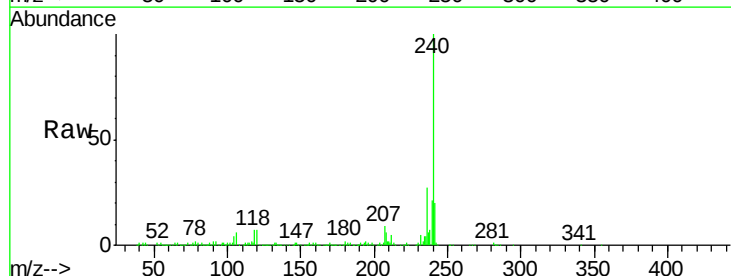
Instrument :
 BNA_G
 ClientSampled :

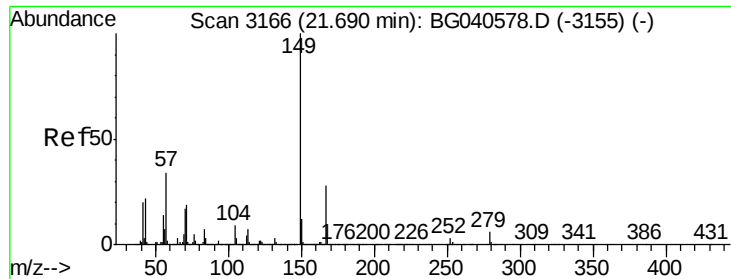
Tot Ion:252 Resp: 546
 Ion Ratio Lower Upper
 252 100
 254 59.4 51.2 76.8
 126 0.0 6.6 10.0#



#83
 Chrysene
 Concen: 0.070 ng
 RT: 21.82 min Scan# 3187
 Delta R.T. -0.06 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

Tgt Ion:228 Resp: 1485
 Ion Ratio Lower Upper
 228 100
 226 0.0 25.5 38.3#
 229 45.1 16.8 25.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.058 ng

RT: 21.69 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampled :

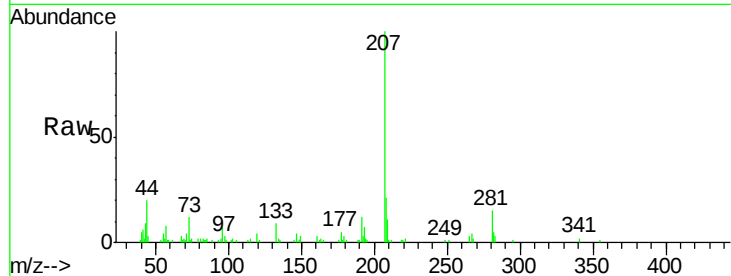
Tot Ion:149 Resp: 727

Ion Ratio Lower Upper

149 100

167 0.0 22.4 33.6#

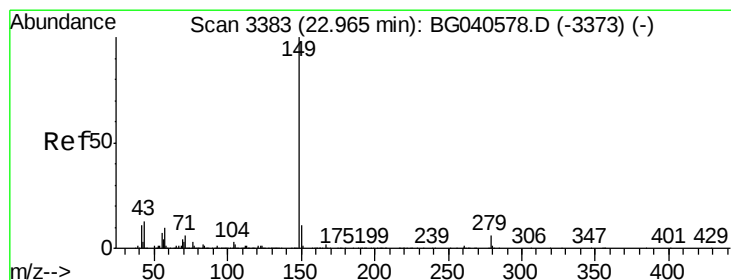
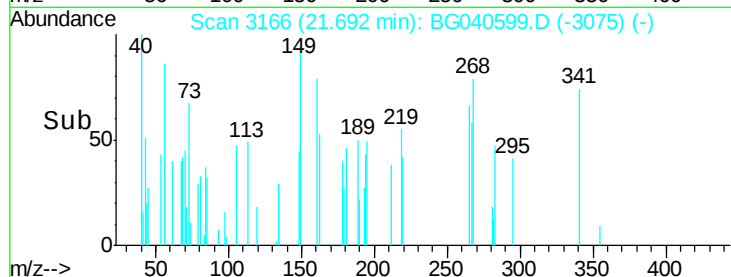
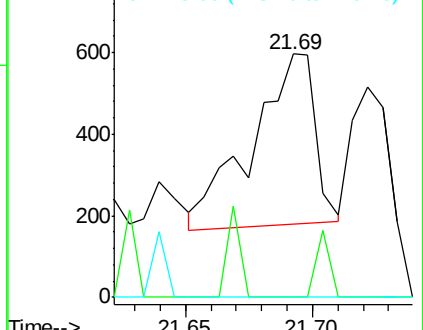
279 0.0 4.6 6.8#



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: 0.018 ng

RT: 22.96 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

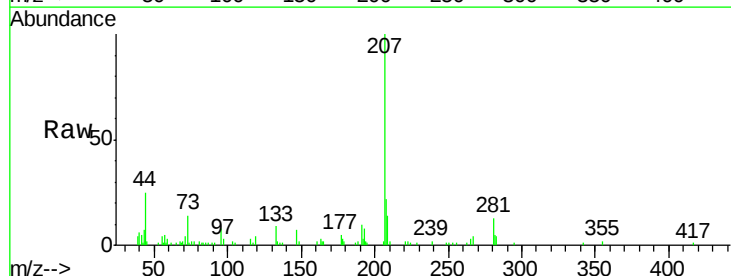
Tgt Ion:149 Resp: 372

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.2#

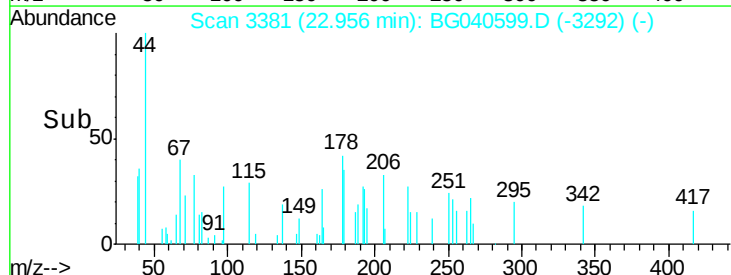
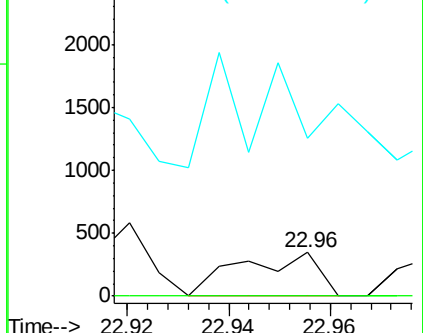
43 97.6 10.2 15.2#

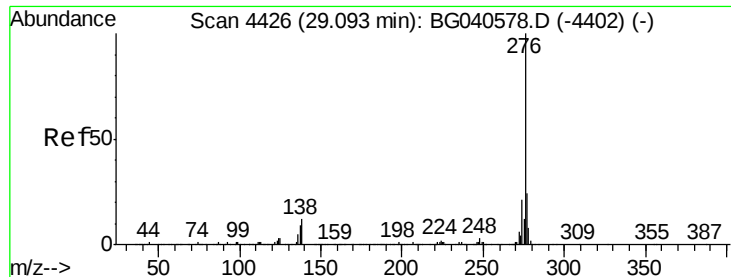


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.003 ng

RT: 29.11 min Scan# 4429

Delta R.T. 0.02 min

Lab File: BG040599.D

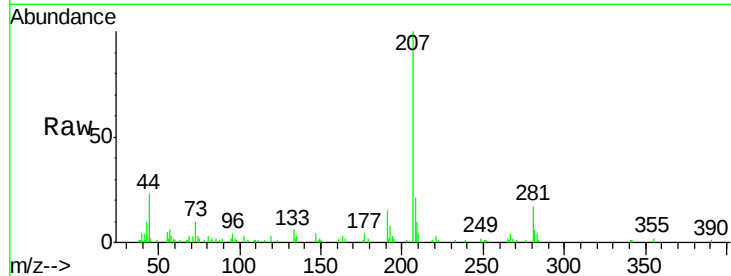
Acq: 24 Apr 2019 18:33

Instrument :

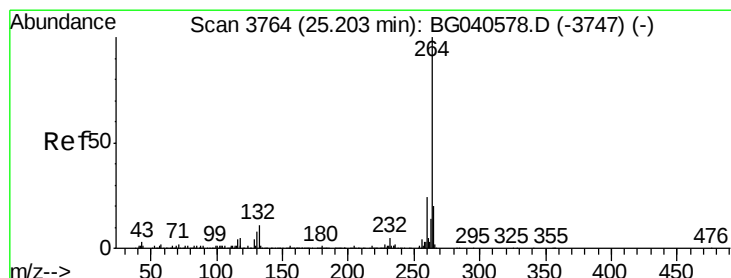
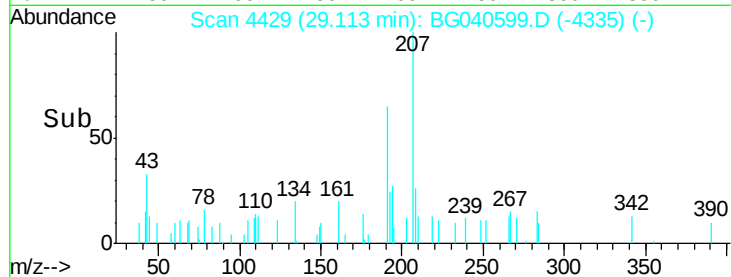
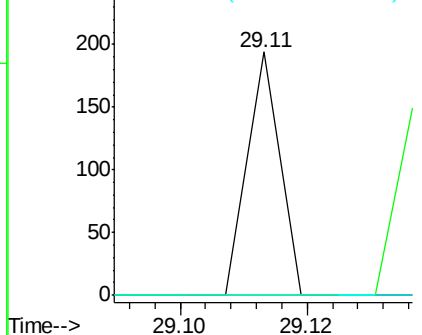
BNA_G

ClientSampleId :

Tot Ion:	276	Resp:	68
Ion	Ratio	Lower	Upper
276	100		
138	0.0	9.8	14.6#
277	0.0	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

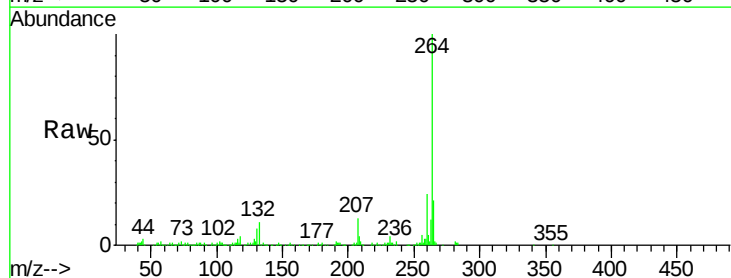
RT: 25.19 min Scan# 3761

Delta R.T. -0.01 min

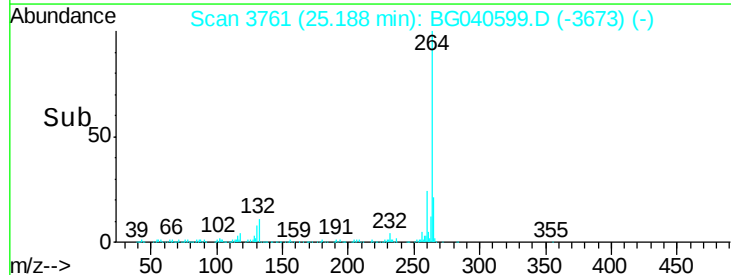
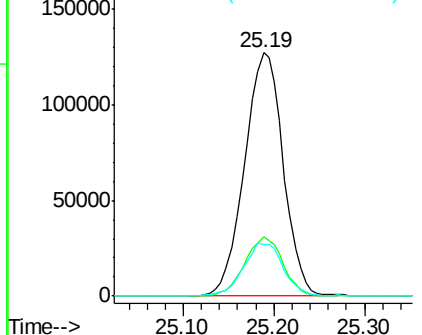
Lab File: BG040599.D

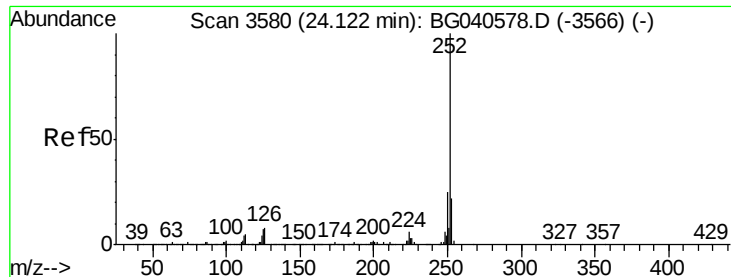
Acq: 24 Apr 2019 18:33

Tgt Ion:	264	Resp:	376819
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.4	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

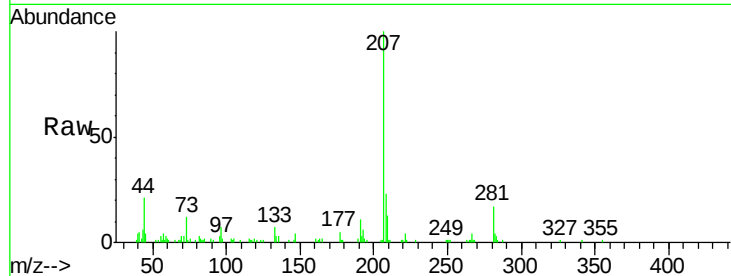




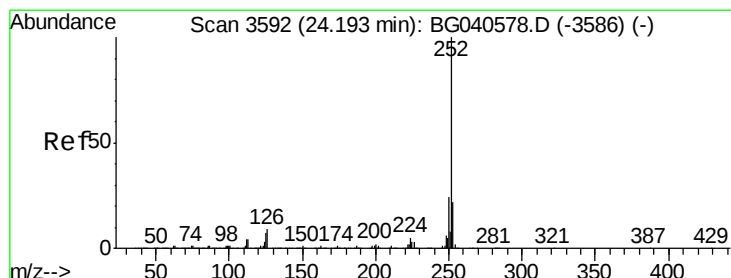
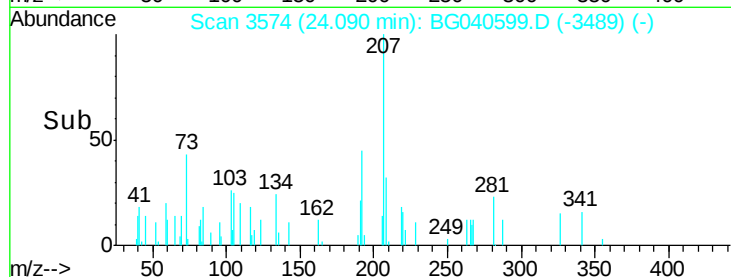
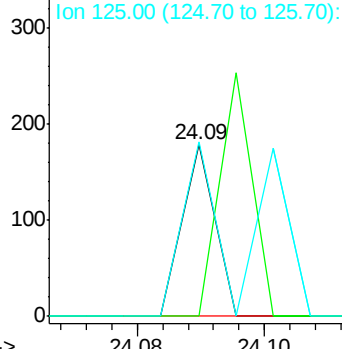
#88
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 24.09 min Scan# 3574
Delta R.T. -0.03 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 63
Ion Ratio Lower Upper
252 100
253 0.0 17.6 26.4#
125 101.7 5.4 8.0#

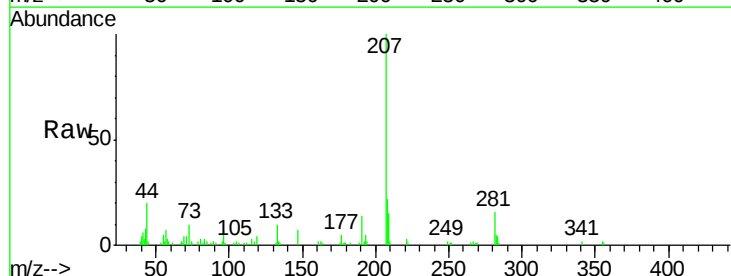


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

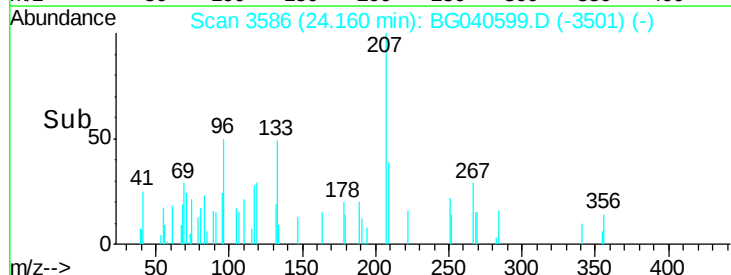
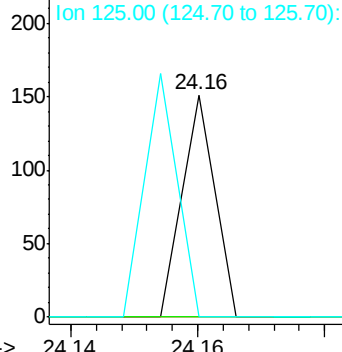


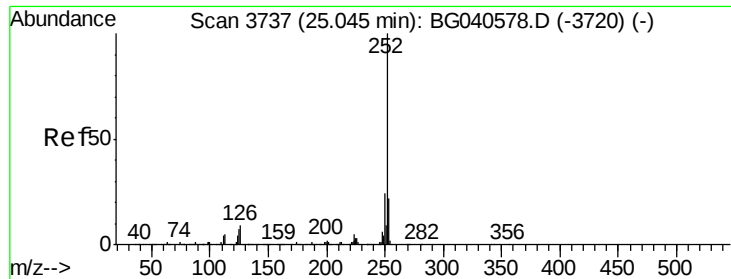
#89
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 24.16 min Scan# 3586
Delta R.T. -0.03 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

Tgt Ion:252 Resp: 53
Ion Ratio Lower Upper
252 100
253 0.0 17.6 26.4#
125 0.0 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: 0.003 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.03 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampleId :

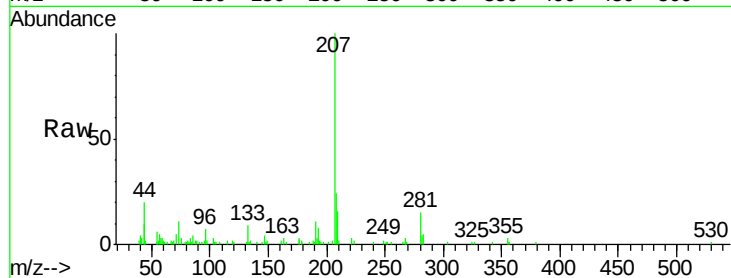
Tot Ion:252 Resp: 72

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.6#

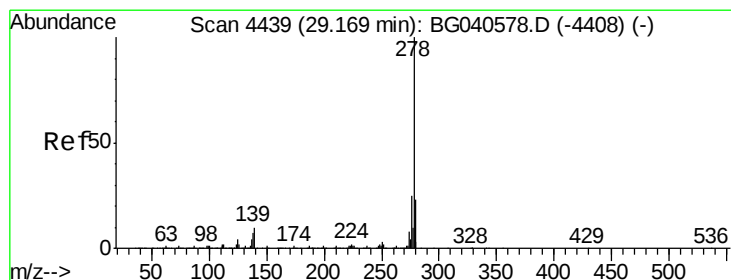
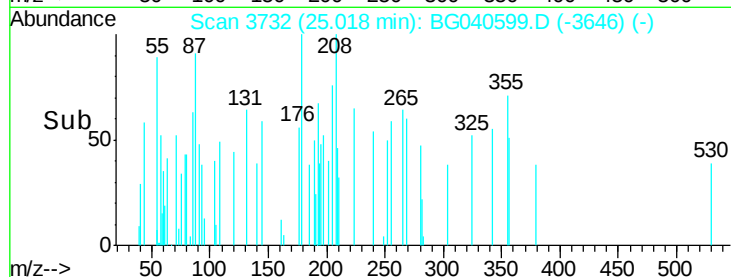
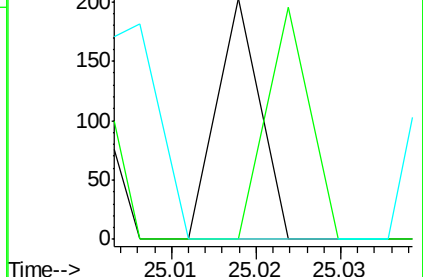
125 0.0 5.7 8.5#



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: 28.93 min Scan# 4398

Delta R.T. -0.24 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

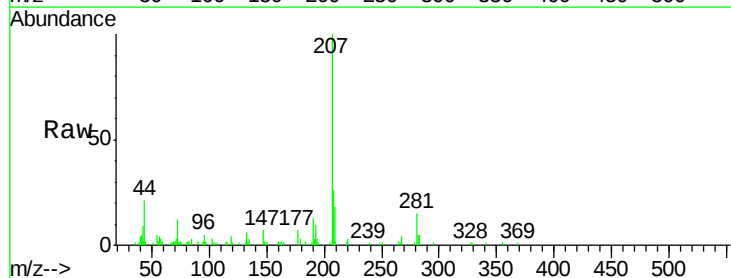
Tgt Ion:278 Resp: 66

Ion Ratio Lower Upper

278 100

139 0.0 8.2 12.4#

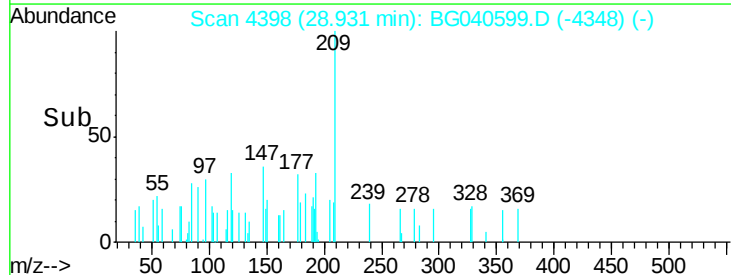
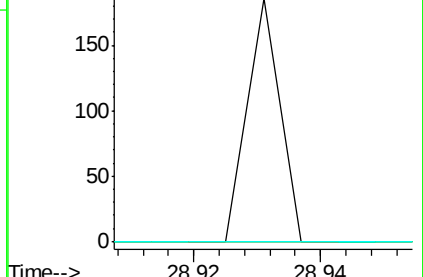
279 0.0 18.5 27.7#

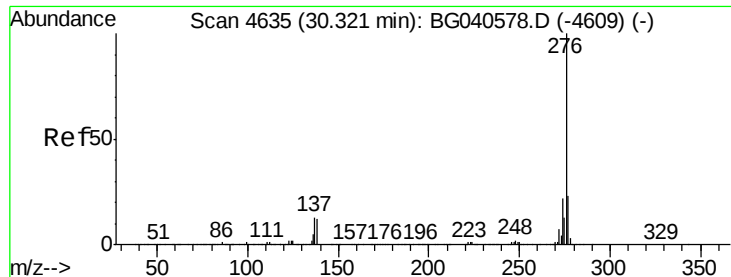


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.002 ng

RT: 30.23 min Scan# 4619

Delta R.T. -0.09 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampleId :

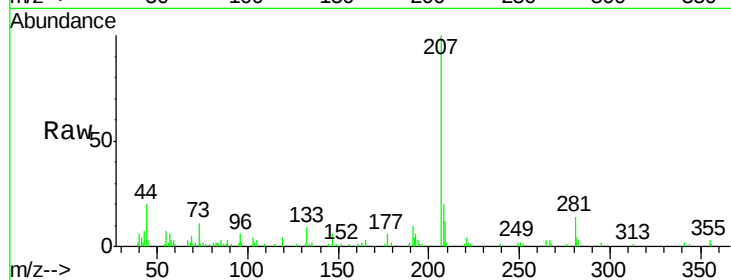
Tot Ion: 276 Resp: 54

Ion Ratio Lower Upper

276 100

277 0.0 18.4 27.6#

138 0.0 9.8 14.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

