

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040463.D
 Acq On : 12 Apr 2019 16:08
 Operator : JU/SJ
 Sample : K2311-14
 Misc : SOIL IDOC
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 22:41:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	34605	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	133211	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	84714	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	210614	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	249477	20.00	ng	-0.04
87) Perylene-d12	24.96	264	258702	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	148885	71.52	ng	-0.02
7) Phenol-d6	7.20	99	152683	53.07	ng	-0.02
23) Nitrobenzene-d5	9.22	82	191467	76.40	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	109056	119.12	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	447110	78.21	ng	-0.03
79) Terphenyl-d14	20.02	244	818952	73.85	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	121	0.124	ng	# 1
3) Pyridine	4.02	79	64	0.024	ng	# 1
4) n-Nitrosodimethylamine	3.82	42	182	0.149	ng	# 1
6) Aniline	7.50	93	64	0.017	ng	# 41
9) Benzaldehyde	7.20	77	2014	1.021	ng	# 81
10) Phenol	7.23	94	9101	2.915	ng	# 93
11) bis(2-Chloroethyl)ether	7.50	93	64	0.026	ng	# 17
14) 1,2-Dichlorobenzene	8.65	146	61	0.024	ng	# 25
15) Benzyl Alcohol	8.29	79	2548	1.100	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.65	45	71	0.015	ng	# 73
17) 2-Methylphenol	8.38	107	123	0.057	ng	# 1
18) Hexachloroethane	9.15	117	55	0.055	ng	# 1
19) n-Nitroso-di-n-propylamine	9.22	70	24507	11.882	ng	# 75
20) 3+4-Methylphenols	8.38	107	123	0.042	ng	# 1
22) Acetophenone	8.88	105	5312	1.599	ng	# 94
24) Nitrobenzene	9.21	77	526	0.203	ng	# 38
25) Isophorone	9.73	82	188	0.036	ng	# 67
27) 2,4-Dimethylphenol	10.32	122	61	0.031	ng	# 1
28) bis(2-Chloroethoxy)methane	10.34	93	60	0.020	ng	# 49
30) 1,2,4-Trichlorobenzene	11.16	180	56	0.024	ng	# 13
31) Naphthalene	10.78	128	62	0.009	ng	# 1
32) Benzoic acid	10.32	122	61	0.052	ng	# 1
33) 4-Chloroaniline	11.09	127	57	0.020	ng	# 45
35) Caprolactam	11.84	113	369	0.439	ng	# 43
36) 4-Chloro-3-methylphenol	12.18	107	69	0.028	ng	# 20
46) 1,1'-Biphenyl	13.51	154	765	0.114	ng	# 41
48) 2-Nitroaniline	13.91	65	61	0.035	ng	# 4
49) Acenaphthylene	14.39	152	112	0.013	ng	# 59
50) Dimethylphthalate	14.12	163	41995	6.334	ng	# 94
51) 2,6-Dinitrotoluene	14.12	165	394	0.265	ng	# 45
52) Acenaphthene	14.73	154	74	0.015	ng	# 3
53) 3-Nitroaniline	14.64	138	71	0.045	ng	# 2
56) 4-Nitrophenol	14.99	139	54	0.042	ng	# 1
57) 2,4-Dinitrotoluene	14.68	165	10982	5.309	ng	# 26

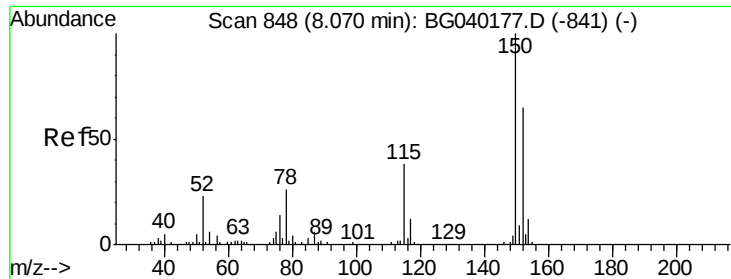
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040463.D
 Acq On : 12 Apr 2019 16:08
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	16.16	166	5617	0.891	ng	# 92
59) 2,3,4,6-Tetrachlorophenol	15.25	232	55	0.032	ng	# 41
60) Diethylphthalate	15.47	149	2158	0.318	ng	# 94
61) 4-Chlorophenyl-phenylether	16.08	204	55	0.016	ng	# 31
62) 4-Nitroaniline	15.72	138	73	0.043	ng	# 63
63) Azobenzene	16.01	77	883	0.138	ng	# 46
65) 4,6-Dinitro-2-methylphenol	16.16	198	409	0.346	ng	# 77
66) n-Nitrosodiphenylamine	16.16	169	4649	0.754	ng	# 48
67) 4-Bromophenyl-phenylether	16.17	248	8593	3.626	ng	# 1
69) Atrazine	16.80	200	472	0.206	ng	# 34
70) Pentachlorophenol	17.04	266	55	0.040	ng	# 17
71) Phenanthrene	17.47	178	277	0.025	ng	# 52
72) Anthracene	17.57	178	56	0.005	ng	# 59
73) Carbazole	17.69	167	10609	1.012	ng	# 75
74) Di-n-butylphthalate	18.36	149	3409	0.274	ng	# 91
75) Fluoranthene	19.48	202	111	0.008	ng	# 63
77) Benzidine	20.02	184	12897	1.432	ng	# 94
78) Pyrene	20.02	202	3304	0.201	ng	# 64
80) Butylbenzylphthalate	20.70	149	960	0.137	ng	# 53
81) Benzo(a)anthracene	21.68	228	985	0.064	ng	# 39
82) 3,3'-Dichlorobenzidine	21.59	252	55	0.009	ng	# 26
83) Chrysene	21.68	228	985	0.067	ng	# 39
84) Bis(2-ethylhexyl)phthalate	21.54	149	4307	0.429	ng	# 82
85) Di-n-octyl phthalate	22.76	149	501	0.029	ng	# 71
86) Indeno(1,2,3-cd)pyrene	28.80	276	61	0.003	ng	# 50
88) Benzo(b)fluoranthene	23.93	252	63	0.004	ng	# 1
89) Benzo(k)fluoranthene	23.93	252	63	0.004	ng	# 1
90) Benzo(a)pyrene	24.79	252	62	0.004	ng	# 59
91) Dibenzo(a,h)anthracene	28.76	278	53	0.004	ng	# 57
92) Benzo(a,h,i)perylene	29.90	276	60	0.004	ng	# 55

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.03 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampleId :

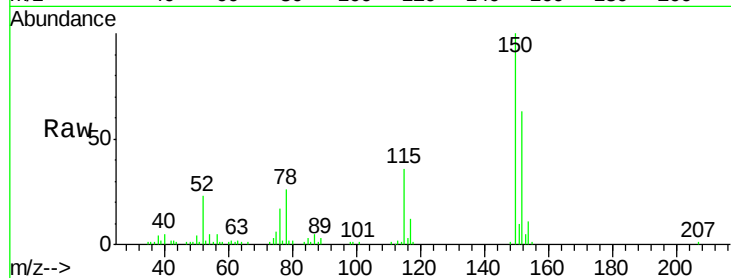
Tot Ion:152 Resp: 34605

Ion Ratio Lower Upper

152 100

150 157.6 123.7 185.5

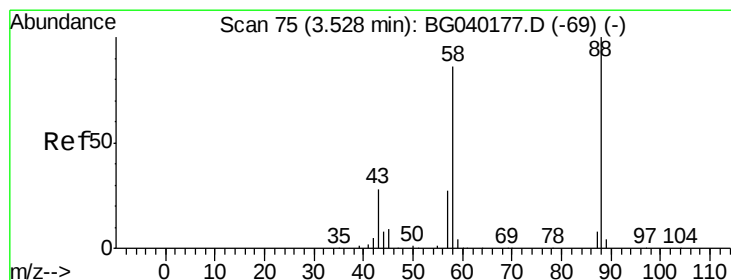
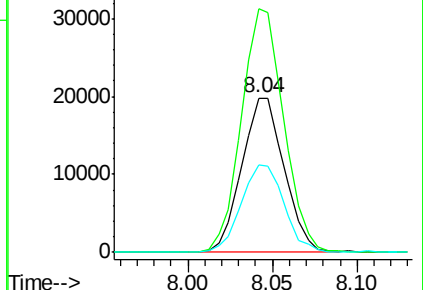
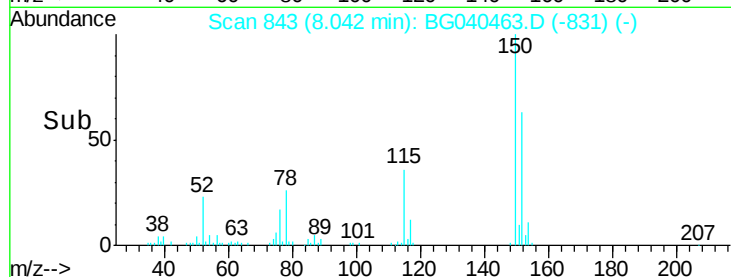
115 56.8 46.9 70.3



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: 0.124 ng

RT: 3.53 min Scan# 75

Delta R.T. 0.00 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

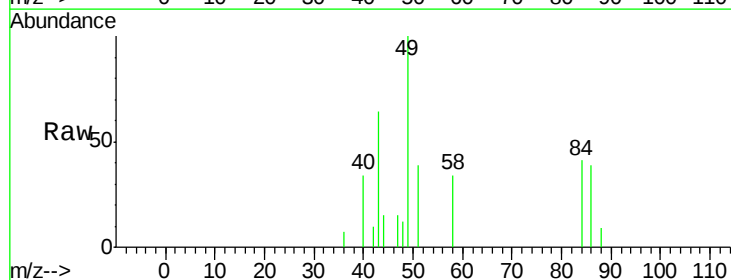
Tgt Ion: 88 Resp: 121

Ion Ratio Lower Upper

88 100

58 554.5 70.6 106.0#

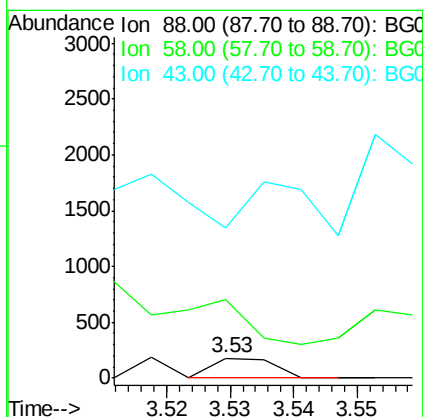
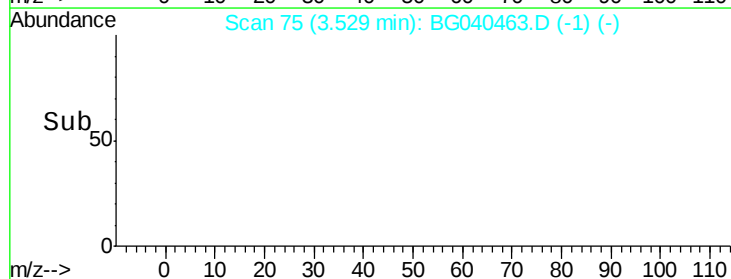
43 0.0 24.8 37.2#

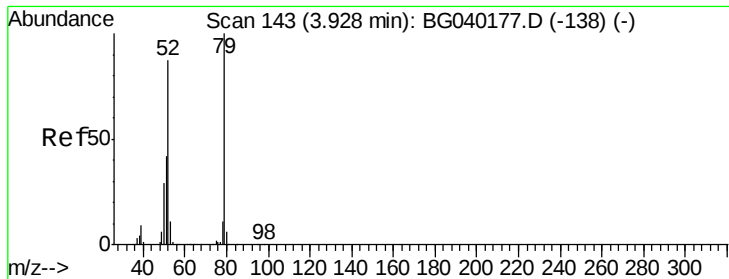


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.024 ng

RT: 4.02 min Scan# 159

Delta R.T. 0.10 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampleId :

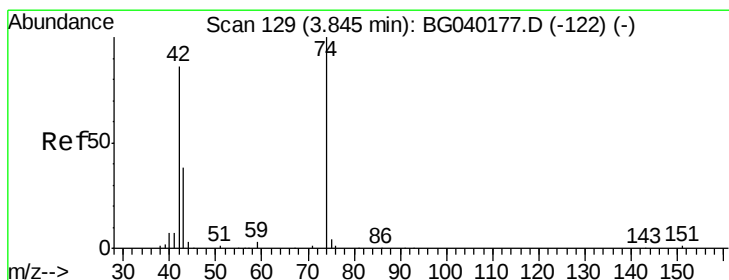
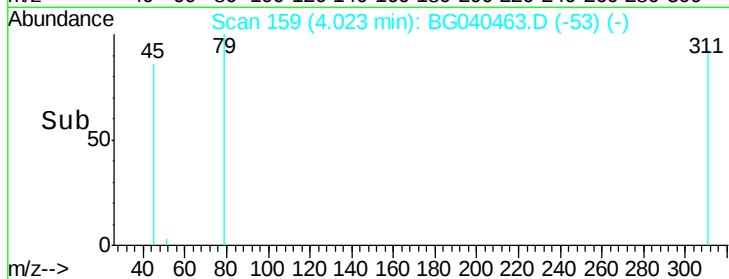
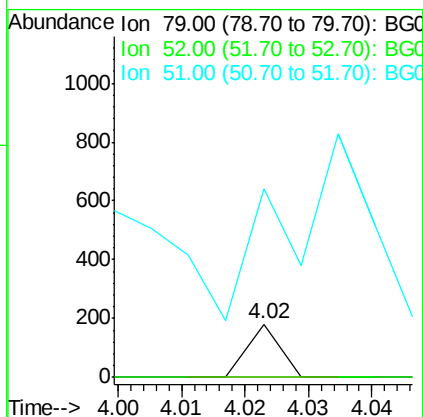
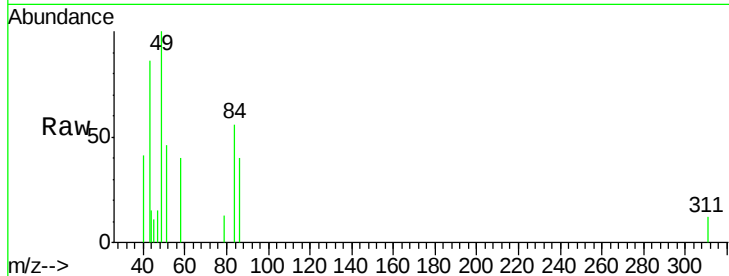
Tot Ion: 79 Resp: 64

Ion Ratio Lower Upper

79 100

52 0.0 69.8 104.8#

51 353.6 33.9 50.9#



#4

n-Nitrosodimethylamine

Concen: 0.149 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

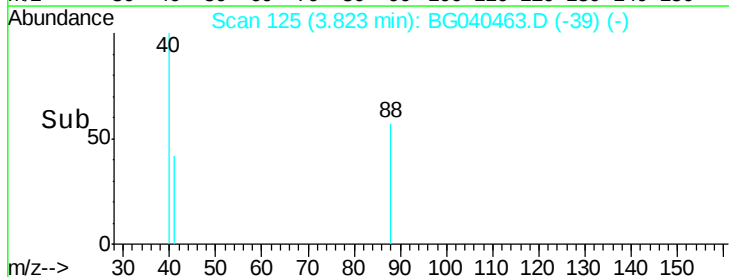
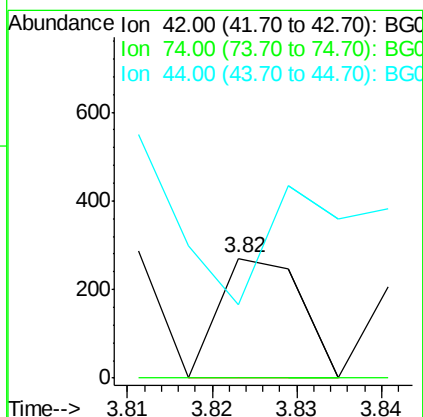
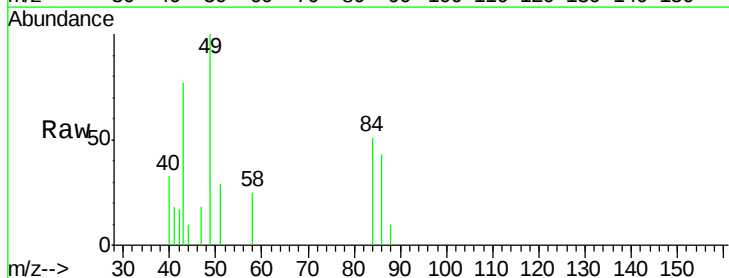
Tgt Ion: 42 Resp: 182

Ion Ratio Lower Upper

42 100

74 0.0 92.9 139.3#

44 61.6 9.7 14.5#





#5

2-Fluorophenol

Concen: 71.524 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040463.D

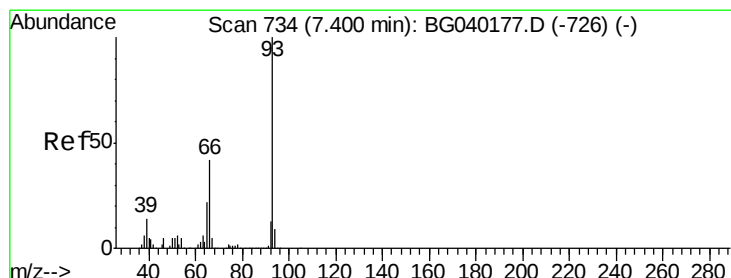
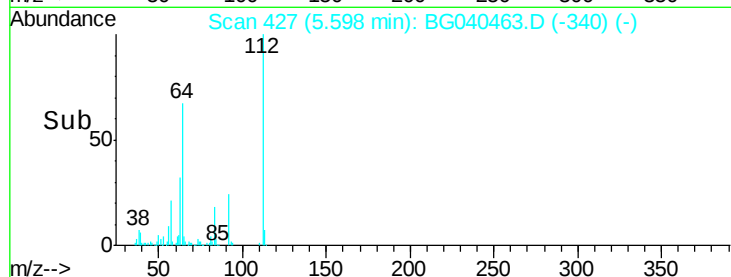
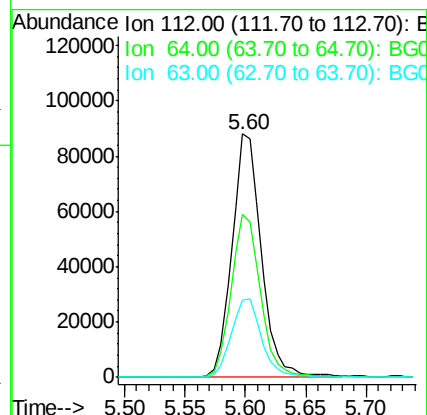
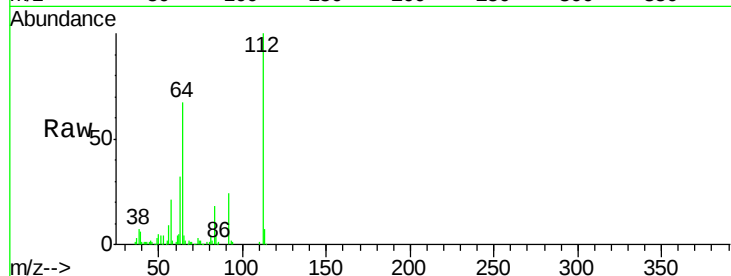
Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampled :

Tot Ion:	112	Resp:	148885
Ion	Ratio	Lower	Upper
112	100		
64	67.1	54.2	81.2
63	31.8	26.4	39.6



#6

Aniline

Concen: 0.017 ng

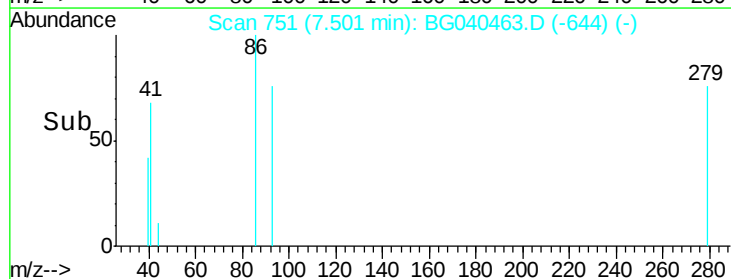
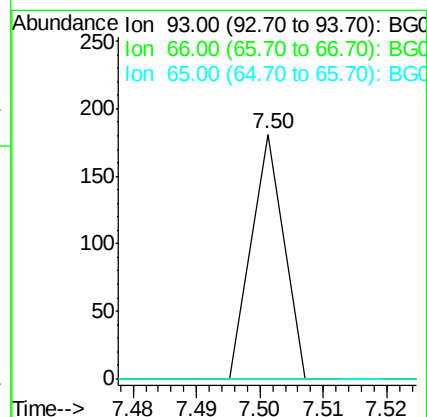
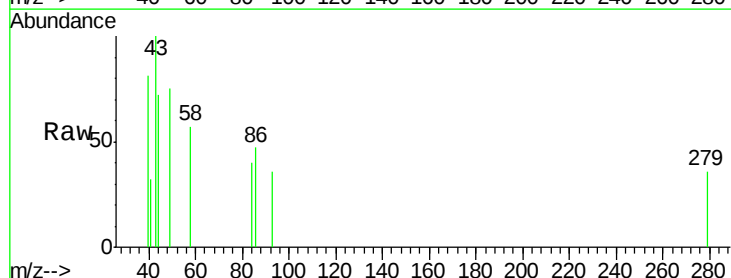
RT: 7.50 min Scan# 751

Delta R.T. 0.10 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Tgt Ion:	93	Resp:	64
Ion	Ratio	Lower	Upper
93	100		
66	0.0	33.6	50.4#
65	0.0	17.4	26.2#





#7

Phenol-d6

Concen: 53.073 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampled :

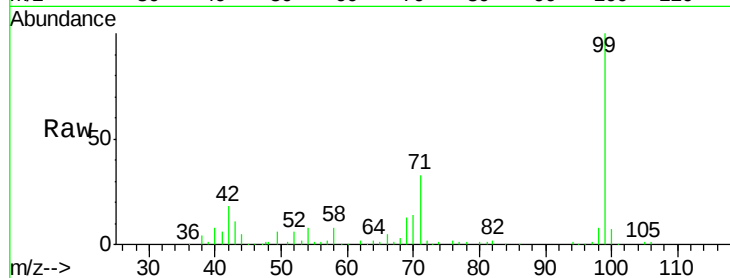
Tot Ion: 99 Resp: 152683

Ion Ratio Lower Upper

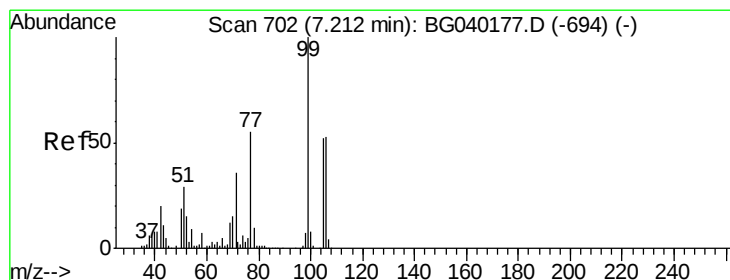
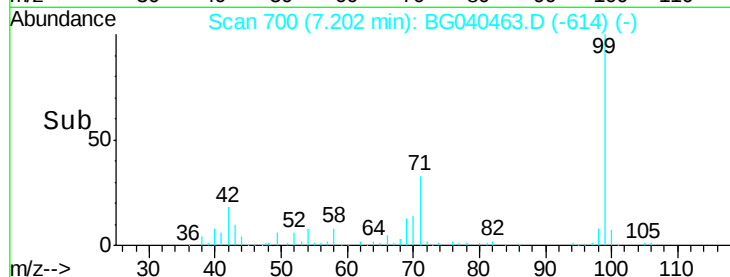
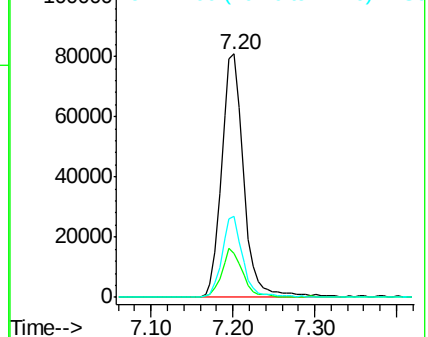
99 100

42 18.1 16.2 24.2

71 33.4 26.8 40.2



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



#9

Benzaldehyde

Concen: 1.021 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

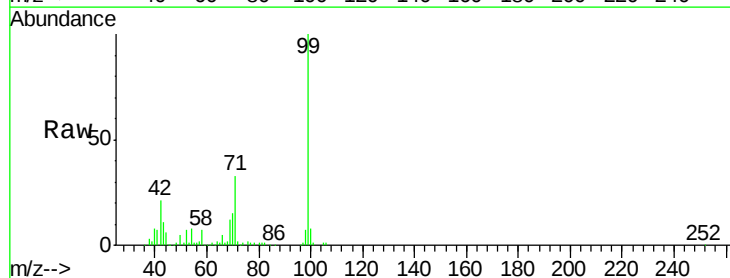
Tgt Ion: 77 Resp: 2014

Ion Ratio Lower Upper

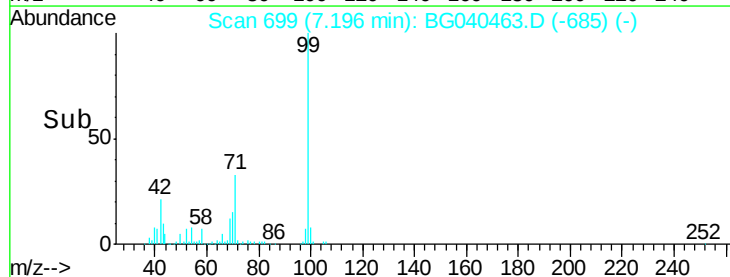
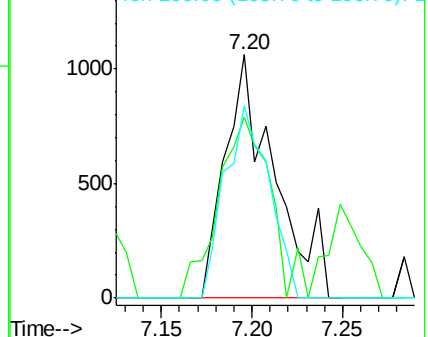
77 100

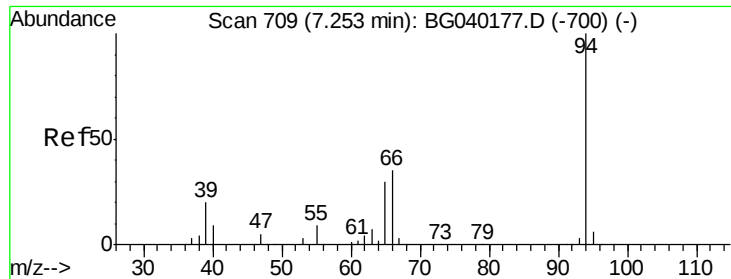
105 74.5 75.0 115.0#

106 79.2 75.7 115.7



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





#10

Phenol

Concen: 2.915 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.03 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampleId :

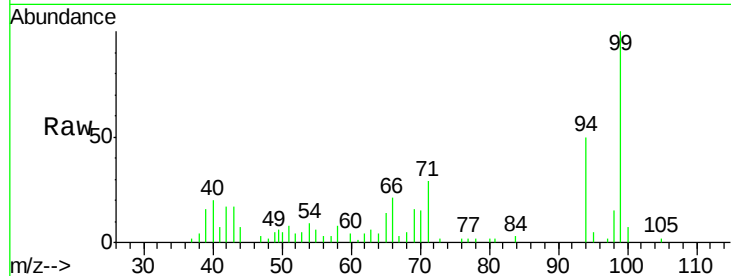
Tot Ion: 94 Resp: 9101

Ion Ratio Lower Upper

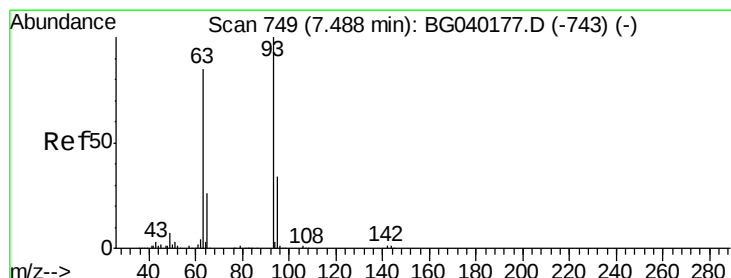
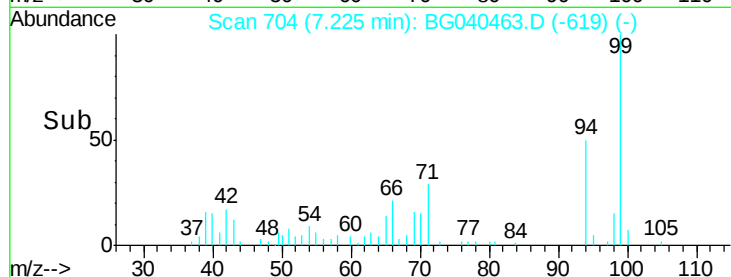
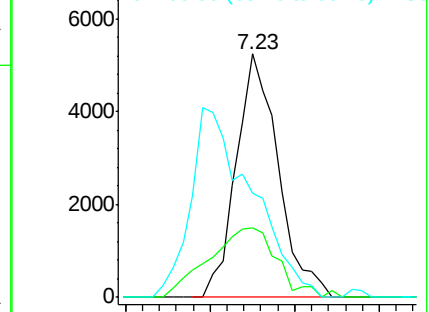
94 100

65 28.4 10.5 50.5

66 42.8 16.9 56.9



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



#11

bis(2-Chloroethyl)ether

Concen: 0.026 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

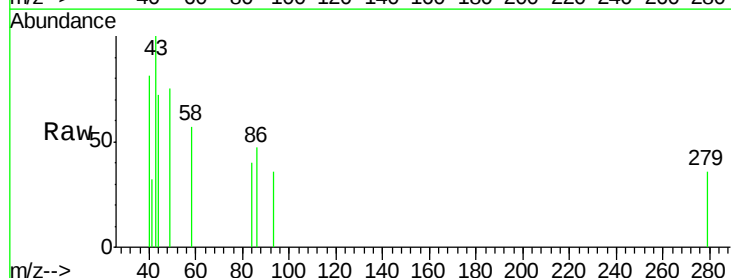
Tgt Ion: 93 Resp: 64

Ion Ratio Lower Upper

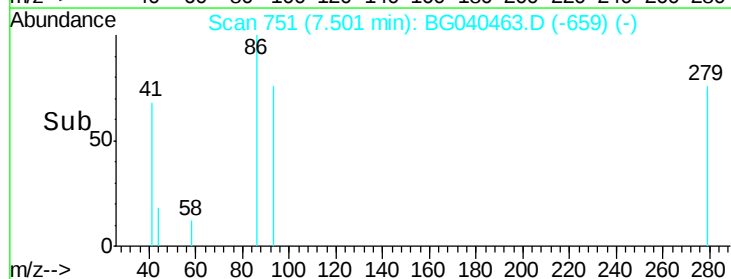
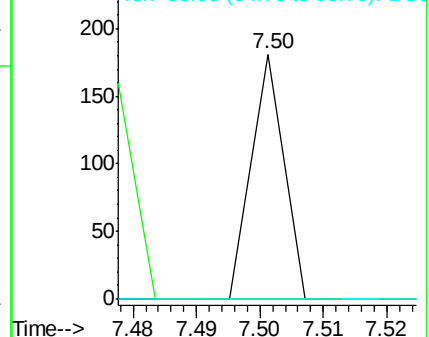
93 100

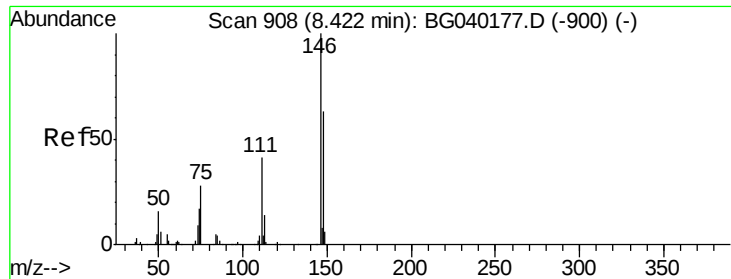
63 0.0 64.2 104.2#

95 0.0 14.0 54.0#



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





#14

1,2-Dichlorobenzene

Concen: 0.024 ng

RT: 8.65 min Scan# 947

Delta R.T. 0.23 min

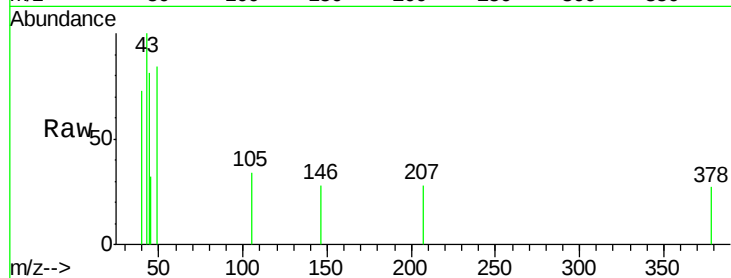
Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampled :



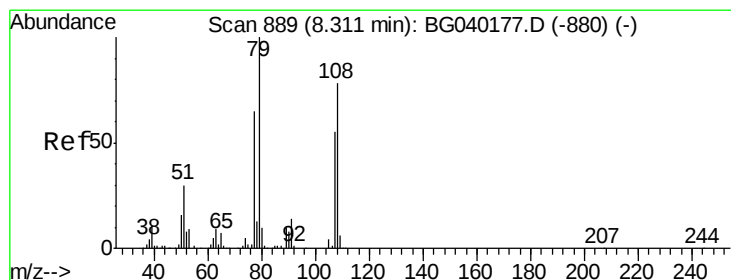
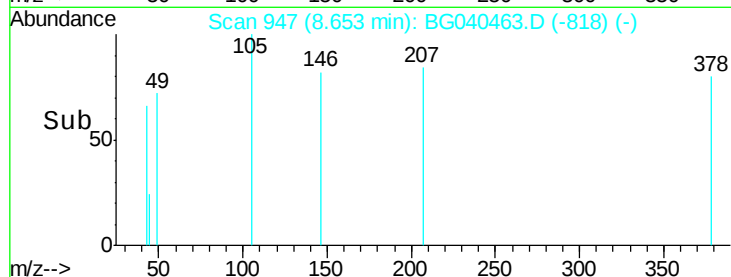
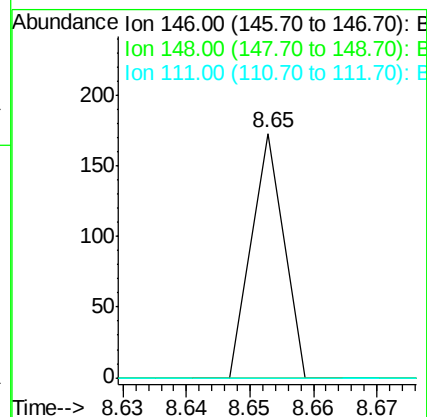
Tot Ion:146 Resp: 61

Ion Ratio Lower Upper

146 100

148 0.0 50.8 76.2#

111 0.0 33.4 50.0#



#15

Benzyl Alcohol

Concen: 1.100 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

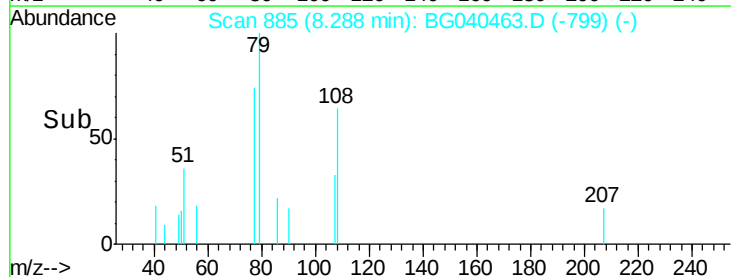
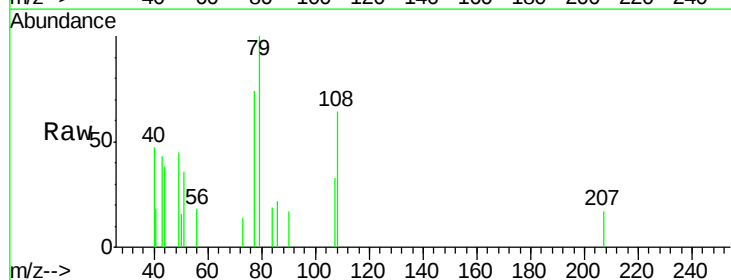
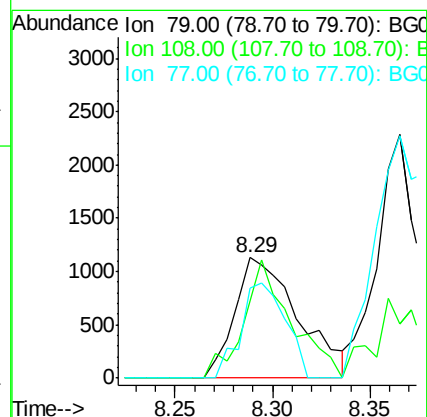
Tgt Ion: 79 Resp: 2548

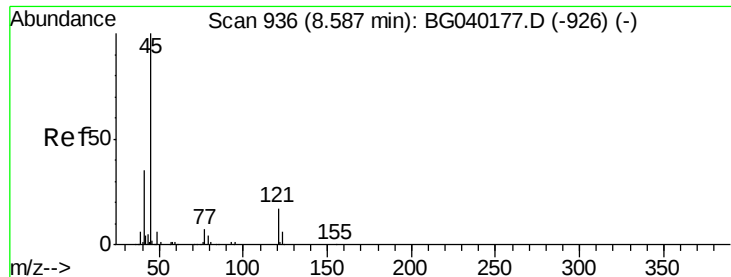
Ion Ratio Lower Upper

79 100

108 64.1 62.1 93.1

77 74.4 51.9 77.9

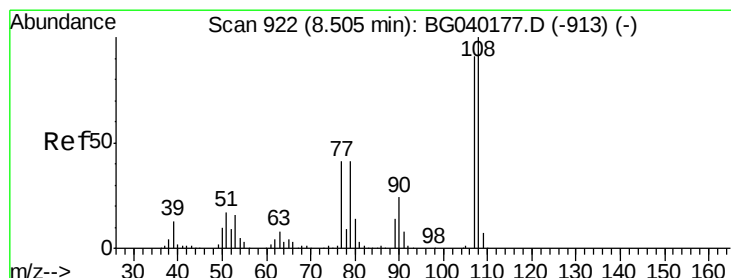
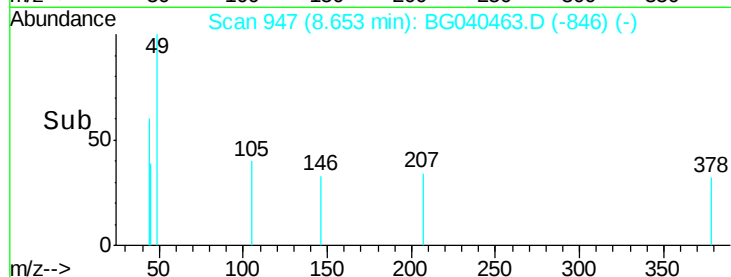
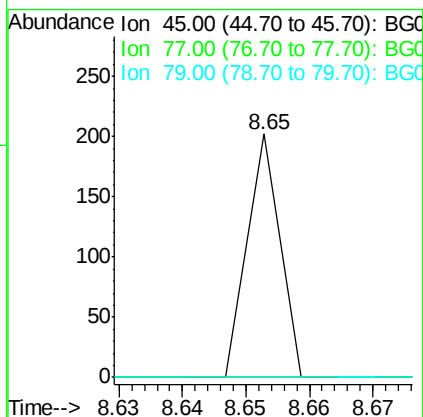
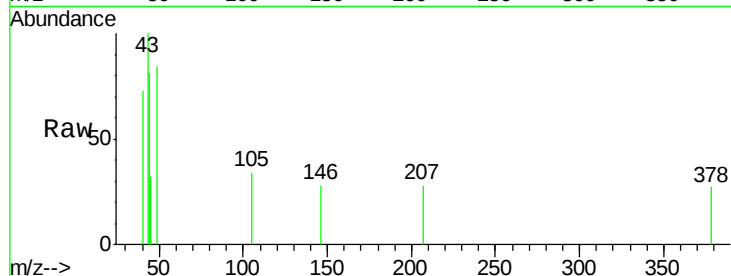




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.015 ng
RT: 8.65 min Scan# 947
Delta R.T. 0.07 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

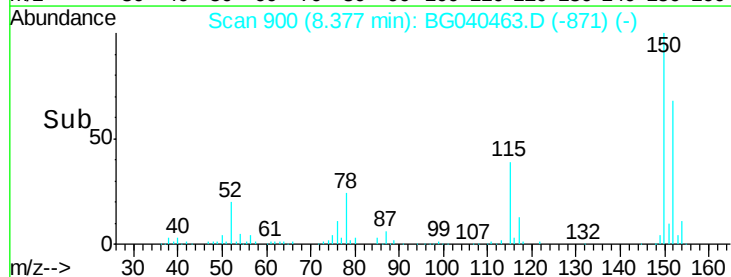
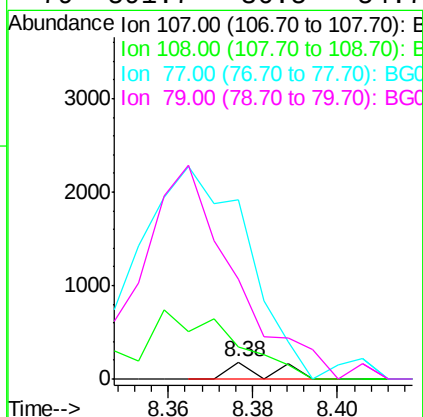
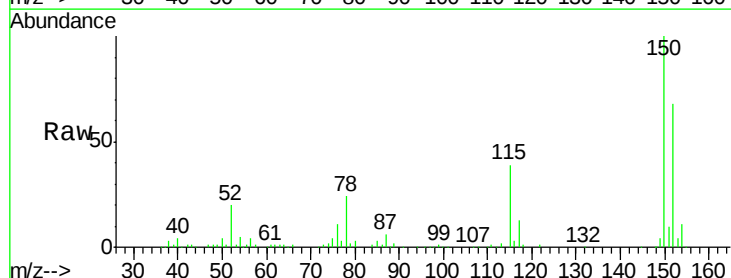
Instrument :
BNA_G
ClientSampled :

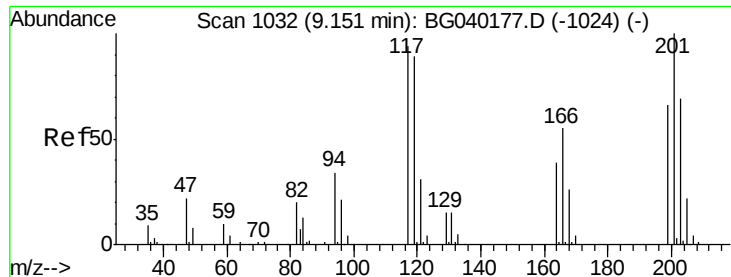
Tot Ion: 45 Resp: 71
Ion Ratio Lower Upper
45 100
77 0.0 0.0 31.4
79 0.0 0.0 28.3



#17
2-Methylphenol
Concen: 0.057 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.13 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

Tgt Ion:107 Resp: 123
Ion Ratio Lower Upper
107 100
108 190.0 88.2 132.4#
77 1062.2 36.6 55.0#
79 591.7 36.5 54.7#

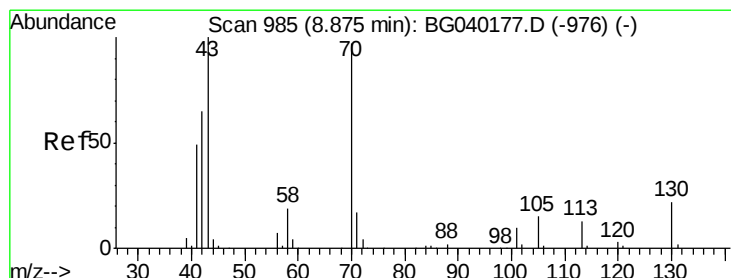
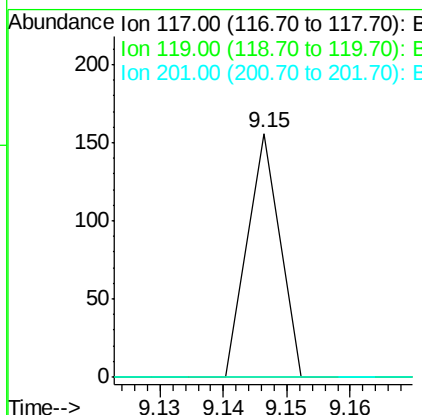
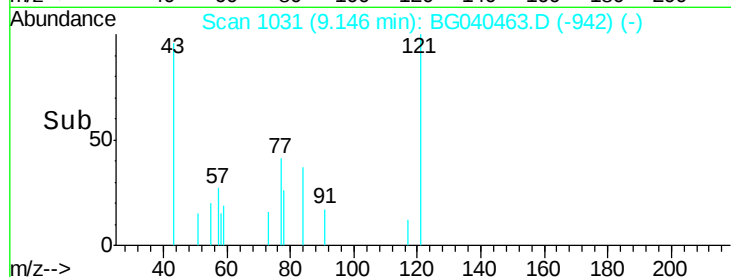
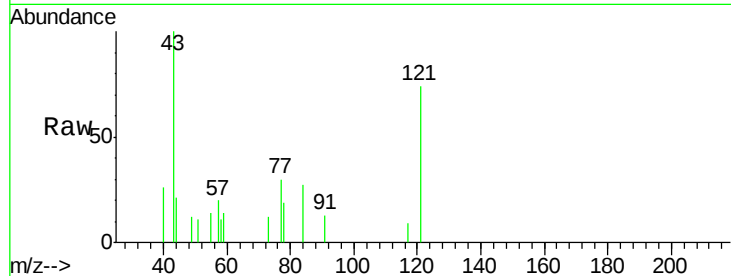




#18
Hexachloroethane
Concen: 0.055 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

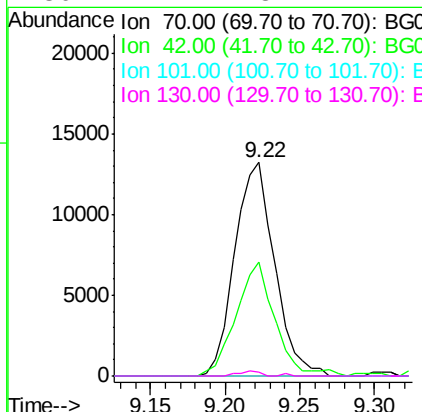
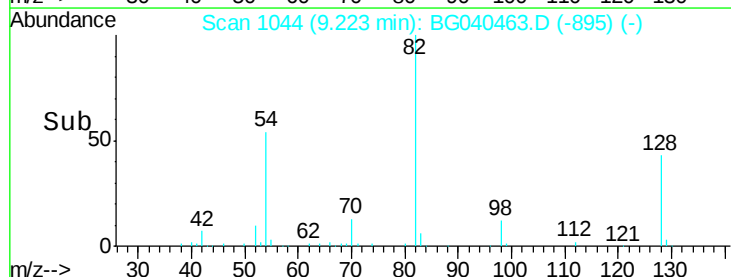
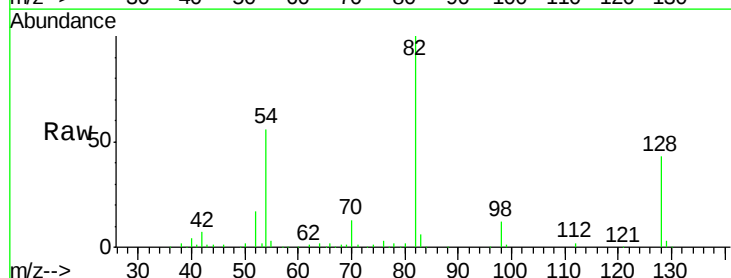
Instrument :
BNA_G
ClientSampleId :

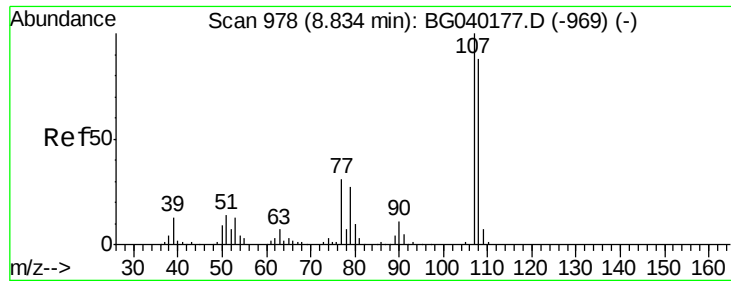
Tot Ion:117 Resp: 55
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
201 0.0 85.0 127.4#



#19
n-Nitroso-di-n-propylamine
Concen: 11.882 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.35 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

Tgt Ion: 70 Resp: 24507
Ion Ratio Lower Upper
70 100
42 53.2 54.0 81.0#
101 0.0 8.6 13.0#
130 1.7 18.2 27.2#

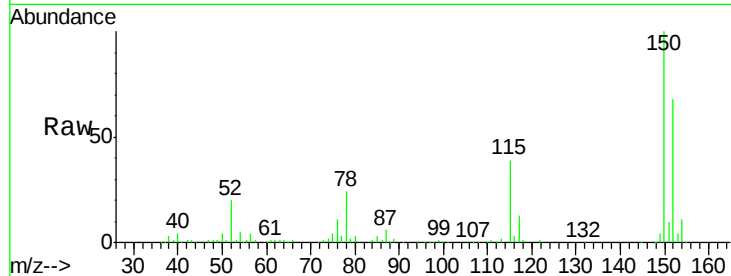




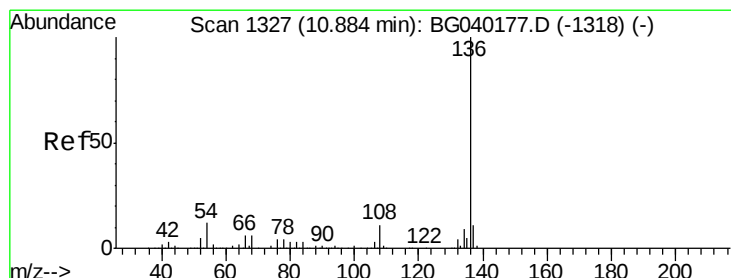
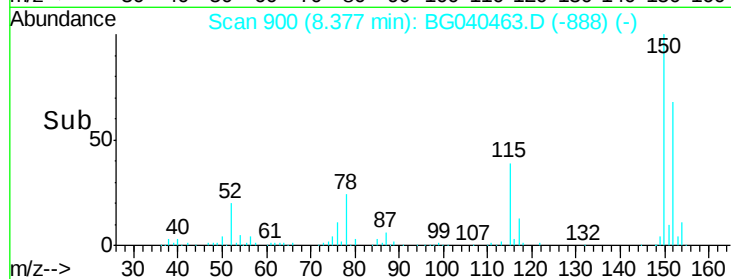
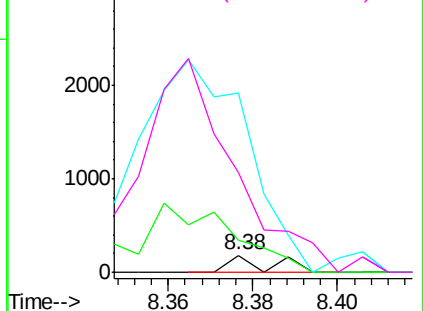
#20
3+4-Methylphenols
Concen: 0.042 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.46 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 123
Ion Ratio Lower Upper
107 100
108 190.0 68.3 108.3#
77 1062.2 11.3 51.3#
79 591.7 7.3 47.3#



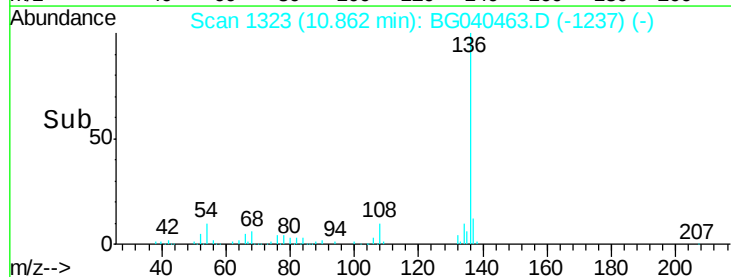
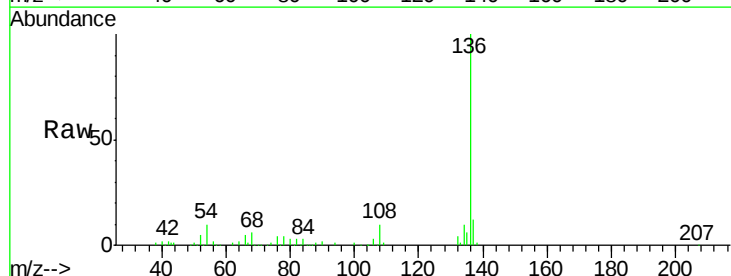
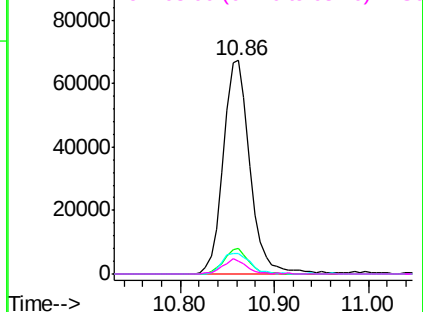
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

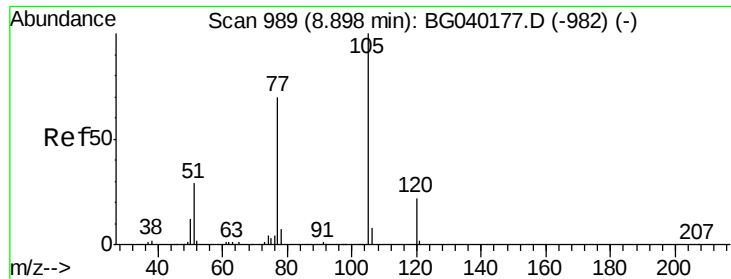


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

Tgt Ion:136 Resp: 133211
Ion Ratio Lower Upper
136 100
137 12.0 8.9 13.3
54 9.7 9.6 14.4
68 6.3 5.1 7.7

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): BG
Ion 68.00 (67.70 to 68.70): BG





#22

Acetophenone

Concen: 1.599 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.02 min

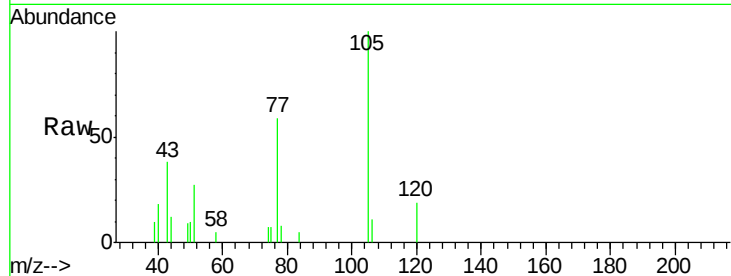
Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampled :



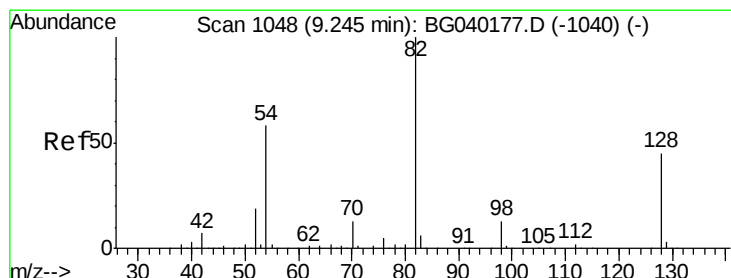
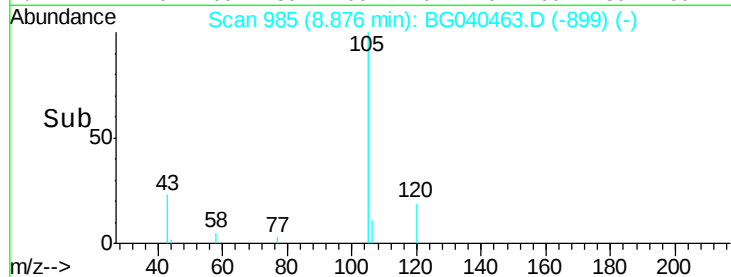
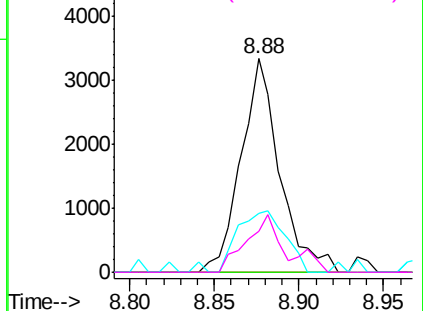
Tot Ion:	105	Resp:	5312
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	27.4	25.1	37.7
120	19.4	17.6	26.4

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: 76.399 ng

RT: 9.22 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BG040463.D

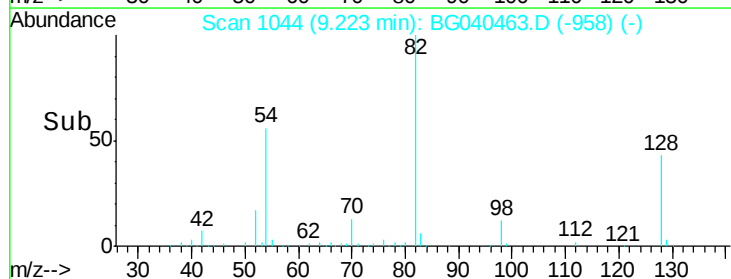
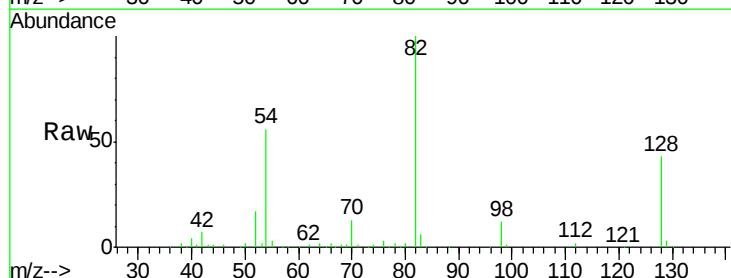
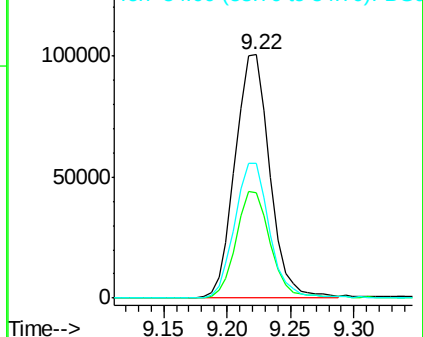
Acq: 12 Apr 2019 16:08

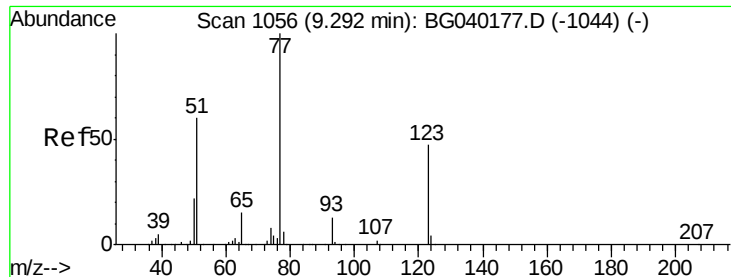
Tgt Ion:	82	Resp:	191467
Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.8	53.8
54	55.5	46.2	69.2

Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 0.203 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.08 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampled :

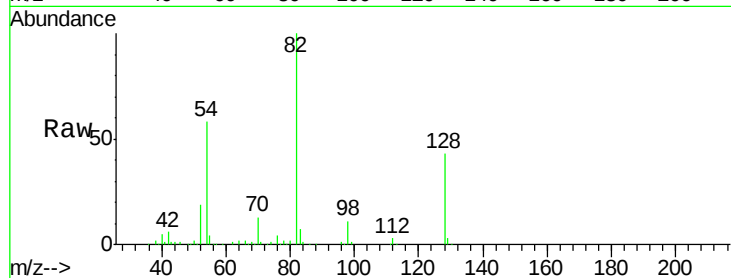
Tot Ion: 77 Resp: 526

Ion Ratio Lower Upper

77 100

123 0.0 37.8 56.6#

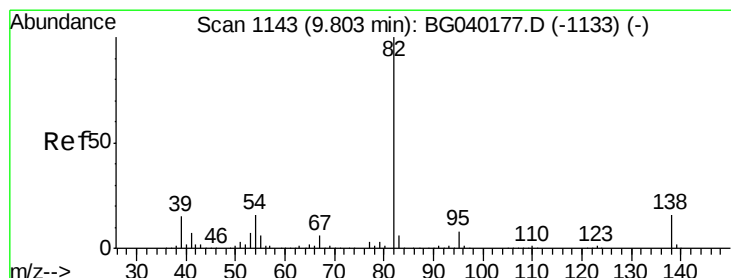
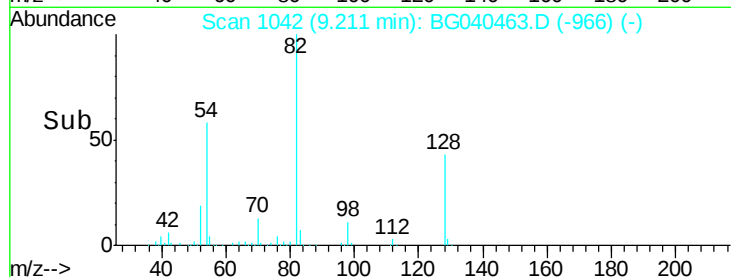
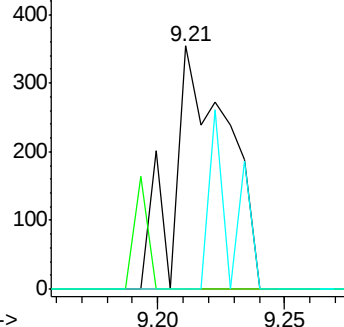
65 0.0 12.0 18.0#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



#25

Isophorone

Concen: 0.036 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.08 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

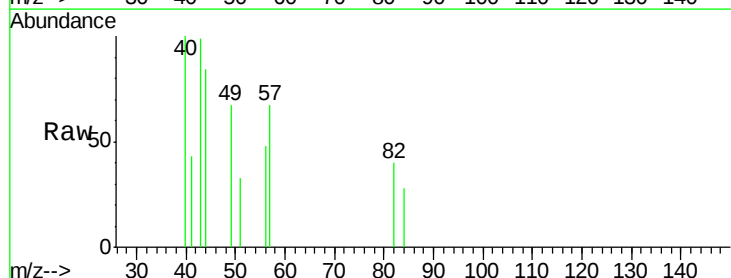
Tgt Ion: 82 Resp: 188

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

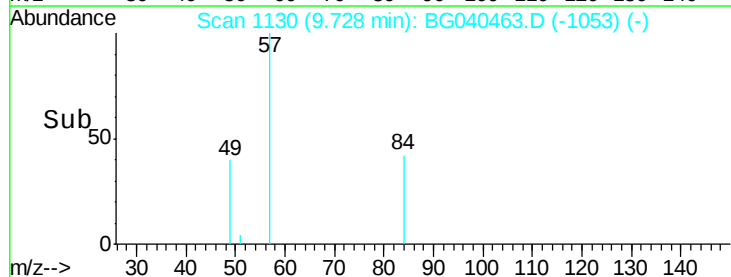
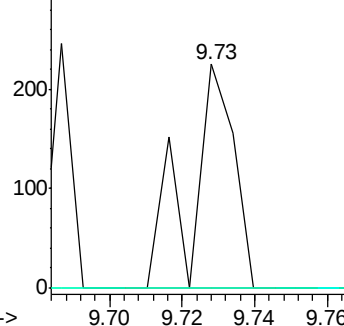
138 0.0 13.2 19.8#

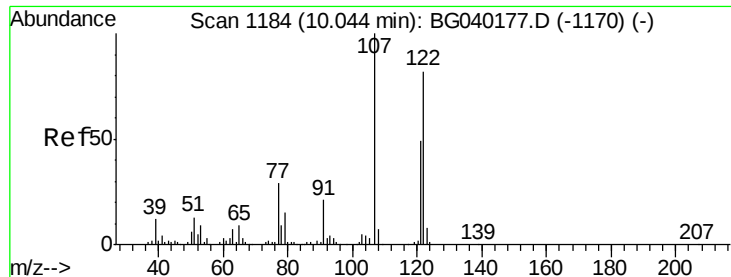


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC

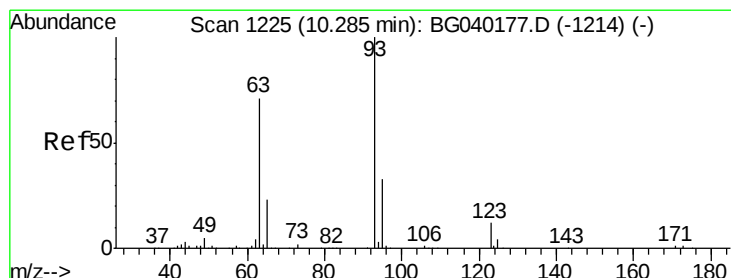
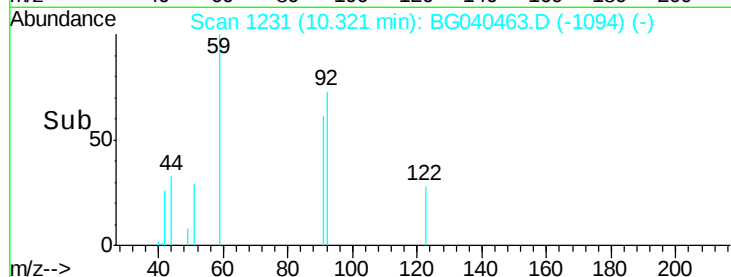
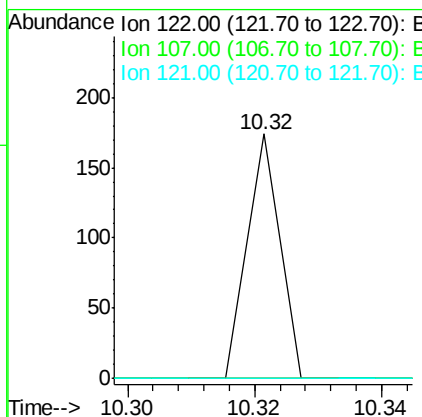
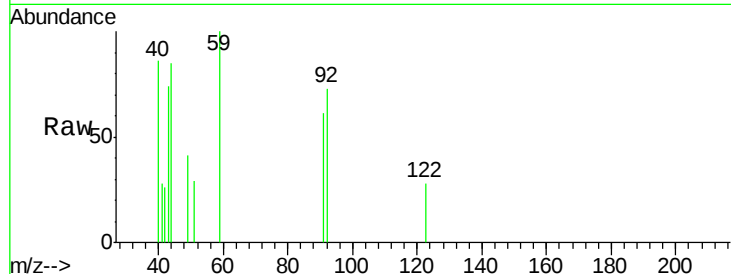




#27
 2,4-Dimethylphenol
 Concen: 0.031 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. 0.28 min
 Lab File: BG040463.D
 Acq: 12 Apr 2019 16:08

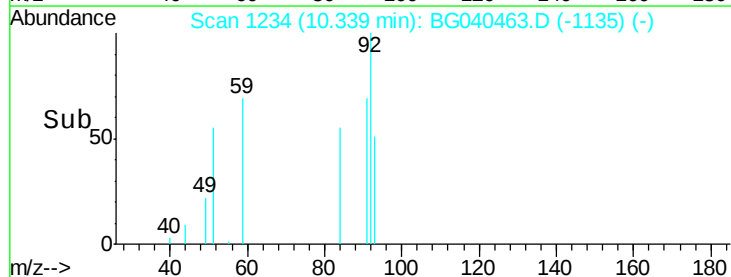
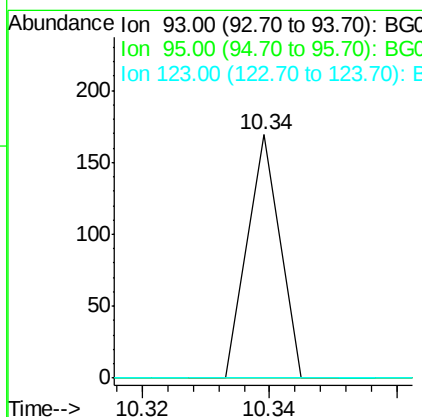
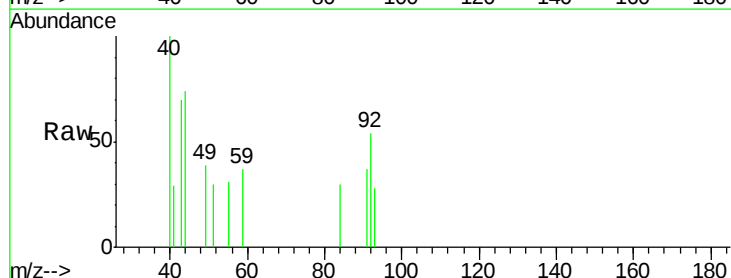
Instrument :
 BNA_G
 ClientSampleId :

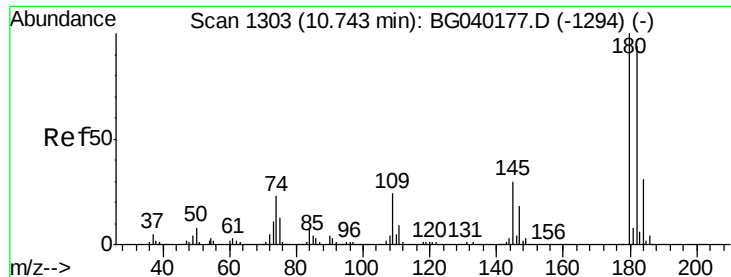
Tot Ion:122 Resp: 61
 Ion Ratio Lower Upper
 122 100
 107 0.0 97.4 146.2#
 121 0.0 47.7 71.5#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.020 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. 0.05 min
 Lab File: BG040463.D
 Acq: 12 Apr 2019 16:08

Tgt Ion: 93 Resp: 60
 Ion Ratio Lower Upper
 93 100
 95 0.0 26.2 39.4#
 123 0.0 9.4 14.0#

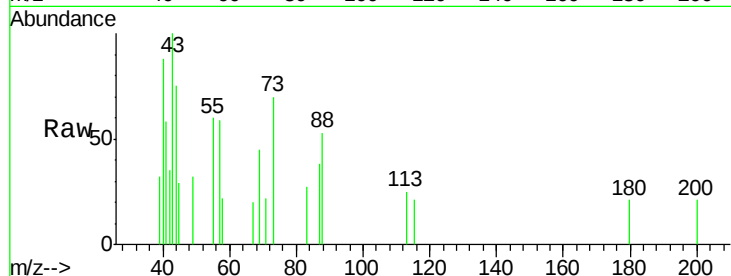




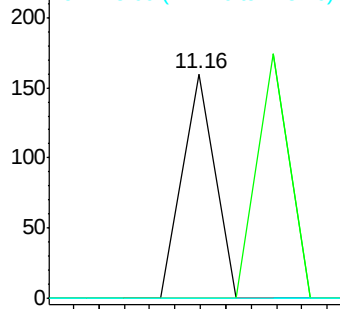
#30
 1,2,4-Trichlorobenzene
 Concen: 0.024 ng
 RT: 11.16 min Scan# 1373
 Delta R.T. 0.41 min
 Lab File: BG040463.D
 Acq: 12 Apr 2019 16:08

Instrument :
 BNA_G
 ClientSampleId :

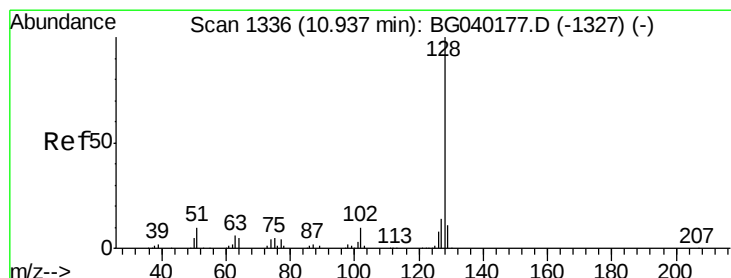
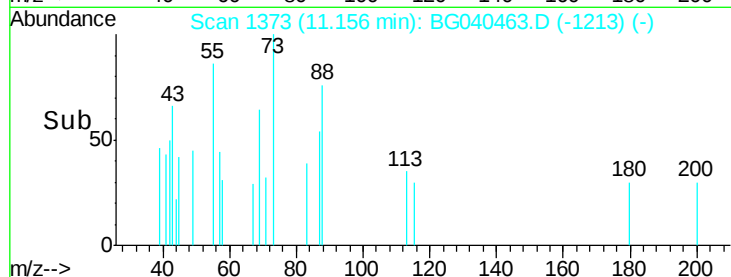
Tot Ion:180 Resp: 56
 Ion Ratio Lower Upper
 180 100
 182 0.0 75.1 112.7#
 145 0.0 24.1 36.1#



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

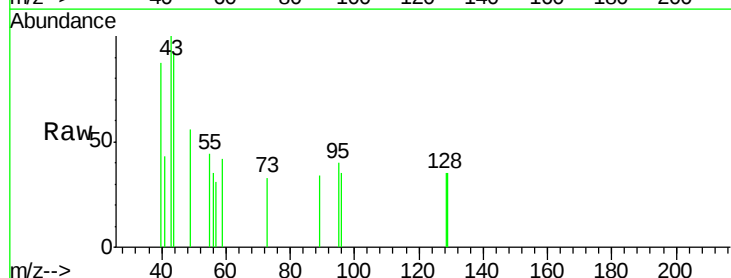


Time-->

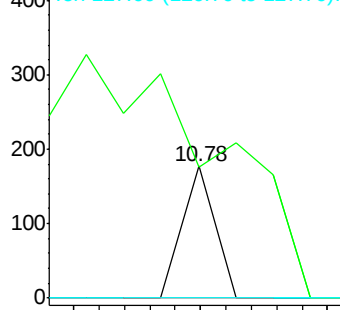


#31
 Naphthalene
 Concen: 0.009 ng
 RT: 10.78 min Scan# 1309
 Delta R.T. -0.16 min
 Lab File: BG040463.D
 Acq: 12 Apr 2019 16:08

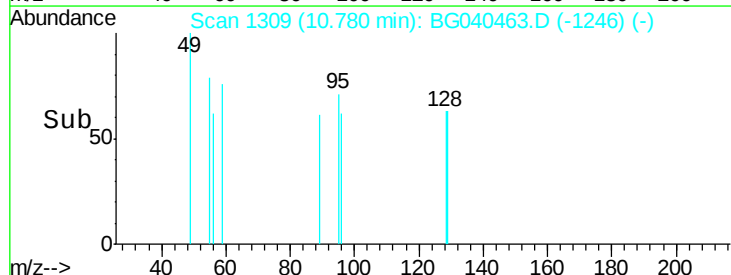
Tgt Ion:128 Resp: 62
 Ion Ratio Lower Upper
 128 100
 129 99.4 8.9 13.3#
 127 0.0 11.4 17.0#

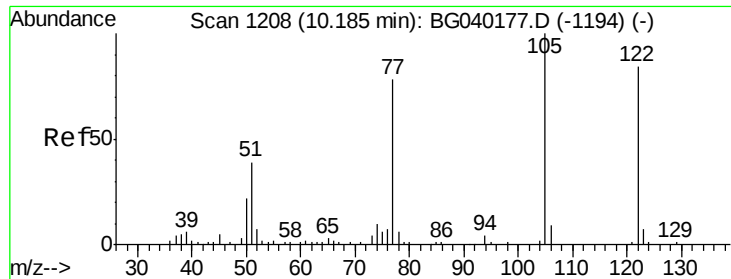


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E



Time-->

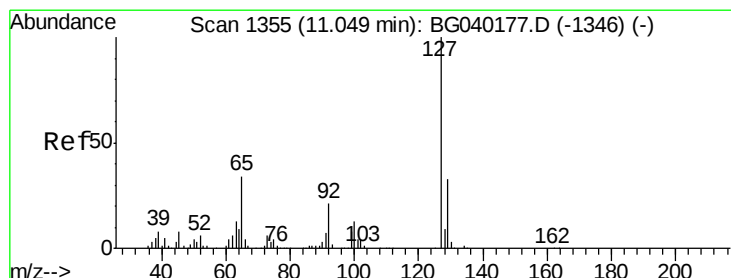
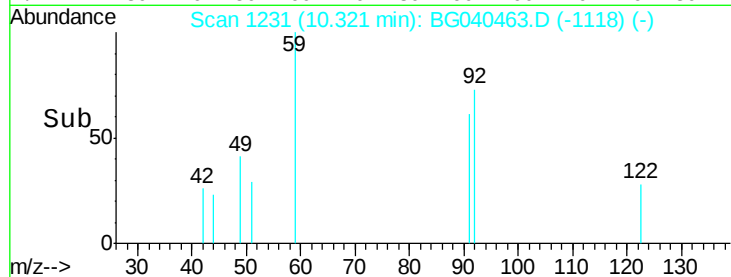
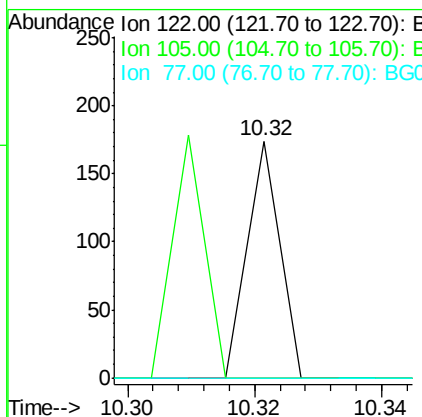
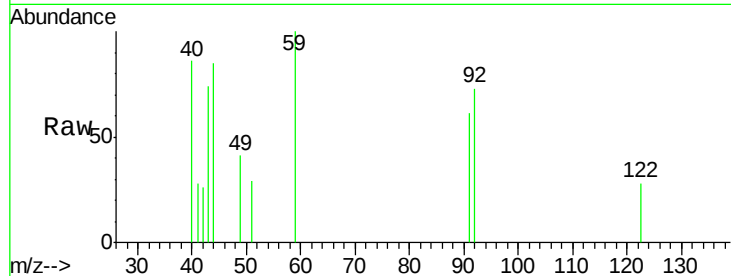




#32
Benzoic acid
Concen: 0.052 ng
RT: 10.32 min Scan# 1231
Delta R.T. 0.14 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

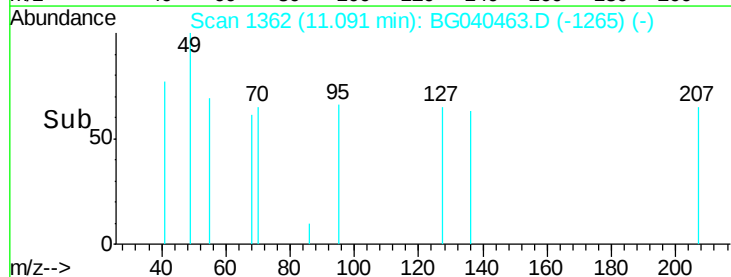
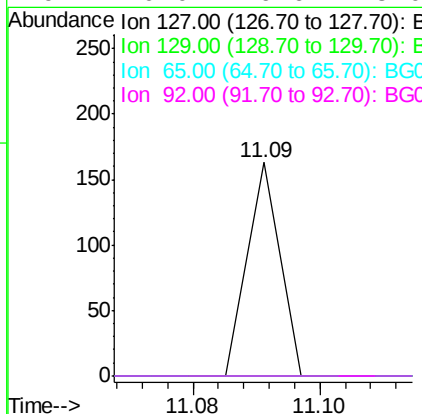
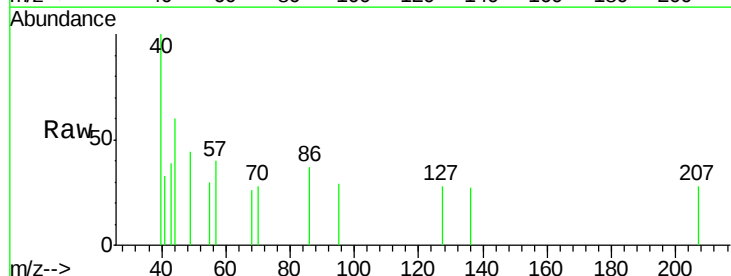
Instrument :
BNA_G
ClientSampleId :

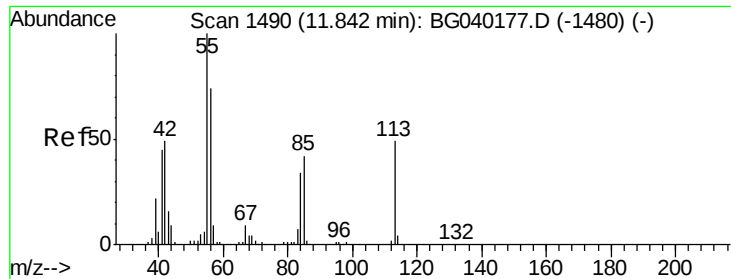
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	98.2	138.2#
77	0.0	73.6	113.6#



#33
4-Chloroaniline
Concen: 0.020 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.04 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

Tgt Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.6	40.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#





#35

Caprolactam

Concen: 0.439 ng

RT: 11.84 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampleId :

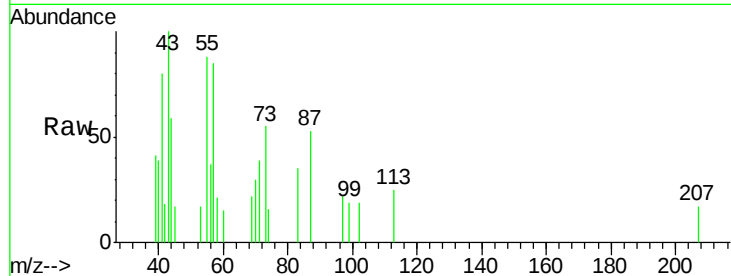
Tot Ion:113 Resp: 369

Ion Ratio Lower Upper

113 100

55 354.5 184.2 224.2#

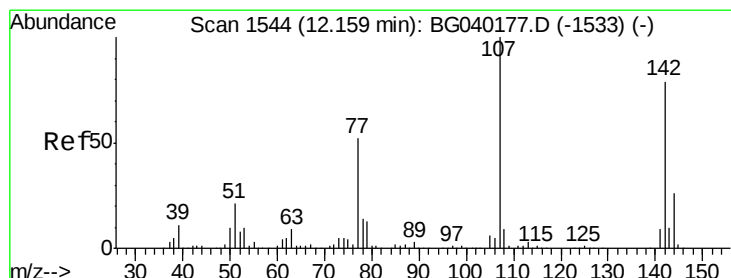
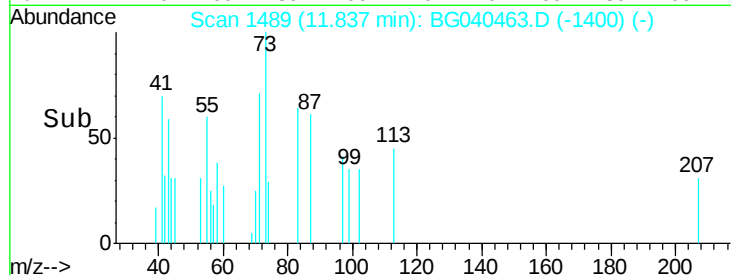
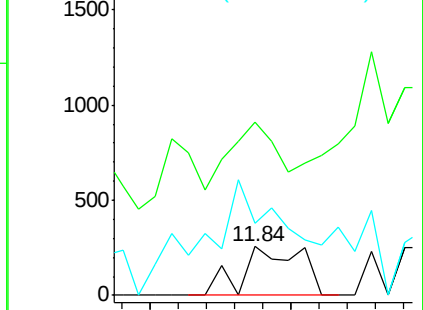
56 148.2 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 0.028 ng

RT: 12.18 min Scan# 1548

Delta R.T. 0.02 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

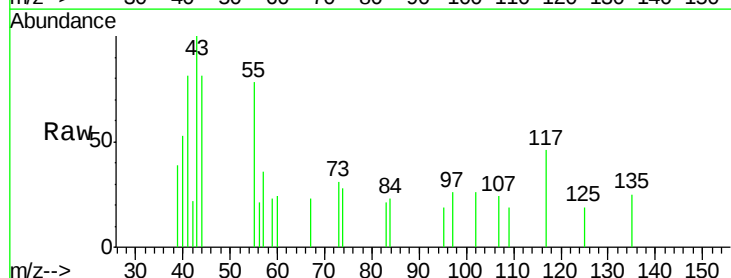
Tgt Ion:107 Resp: 69

Ion Ratio Lower Upper

107 100

144 0.0 20.5 30.7#

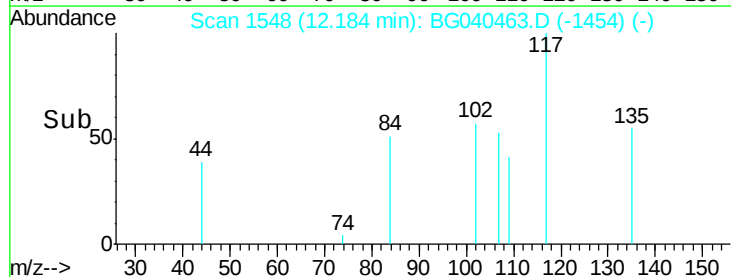
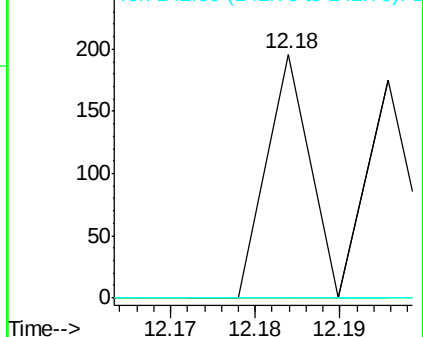
142 0.0 63.1 94.7#

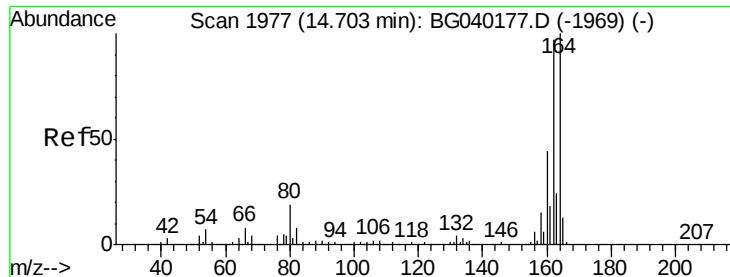


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampleId :

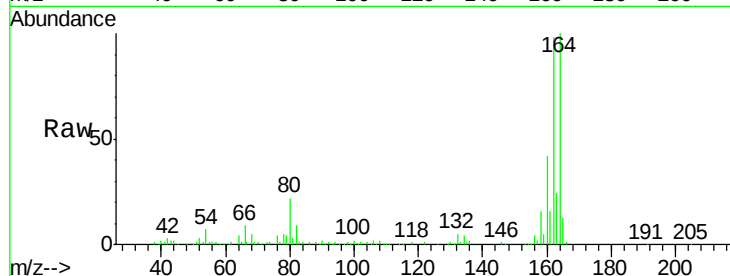
Tot Ion:164 Resp: 84714

Ion Ratio Lower Upper

164 100

162 97.8 77.4 116.2

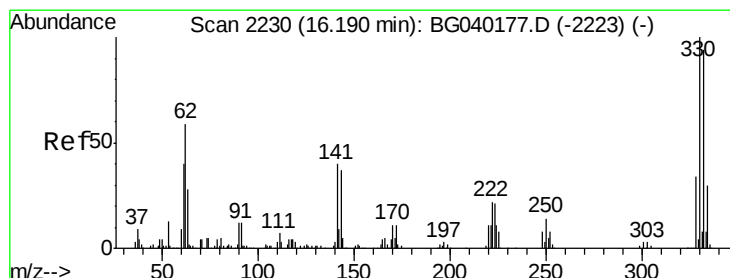
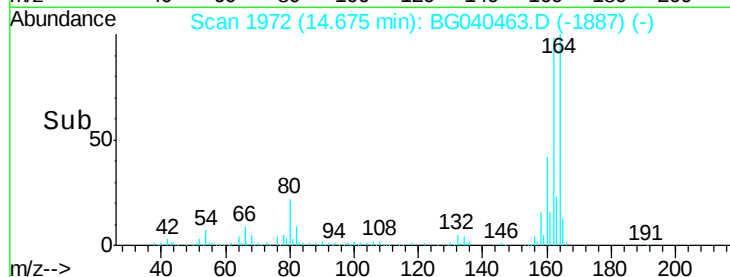
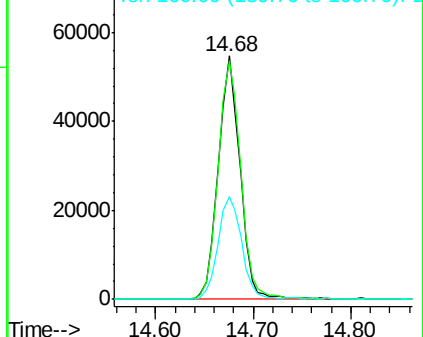
160 42.3 35.3 52.9



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



#42

2,4,6-Tribromophenol

Concen: 119.117 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

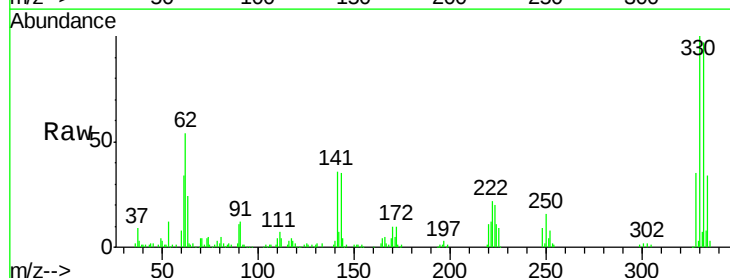
Tgt Ion:330 Resp: 109056

Ion Ratio Lower Upper

330 100

332 101.7 76.6 115.0

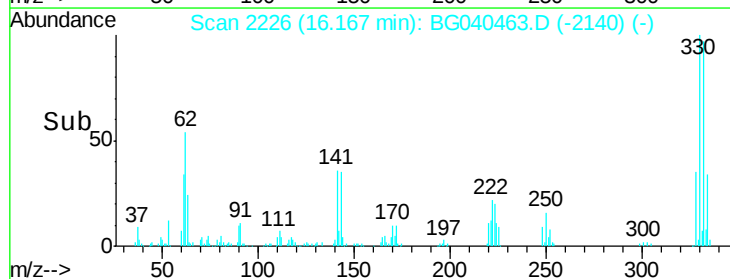
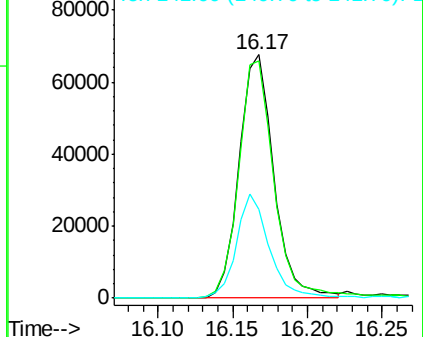
141 41.0 32.6 48.8

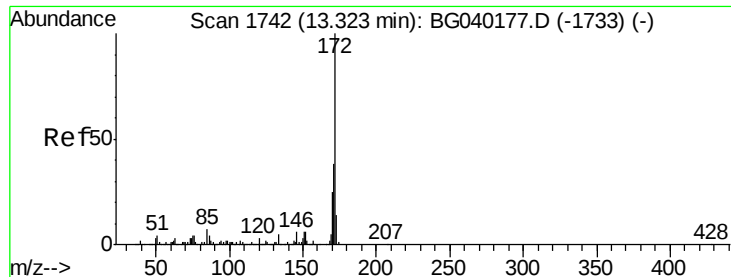


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

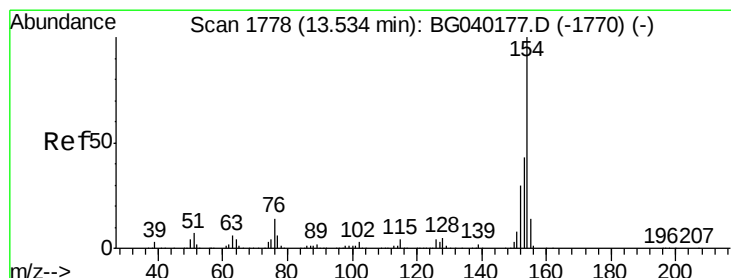
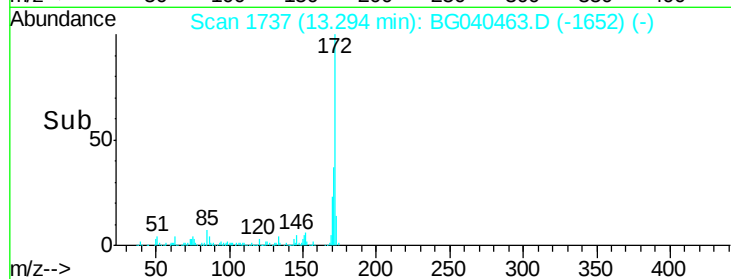
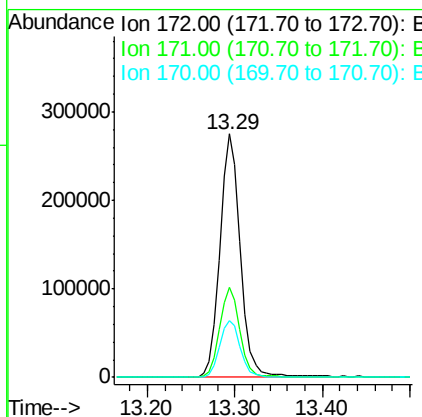
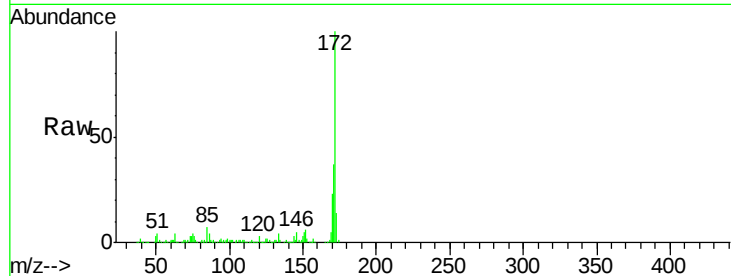




#45
2-Fluorobiphenyl
Concen: 78.206 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

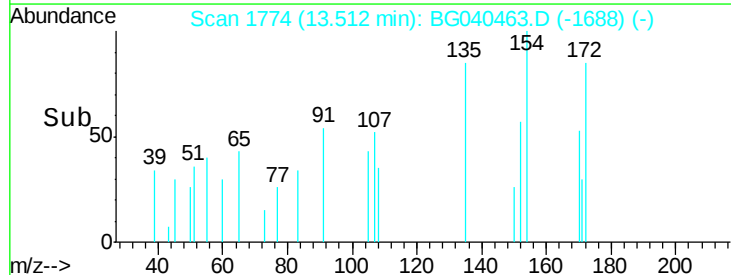
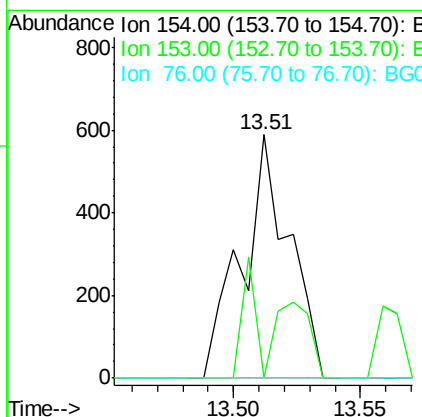
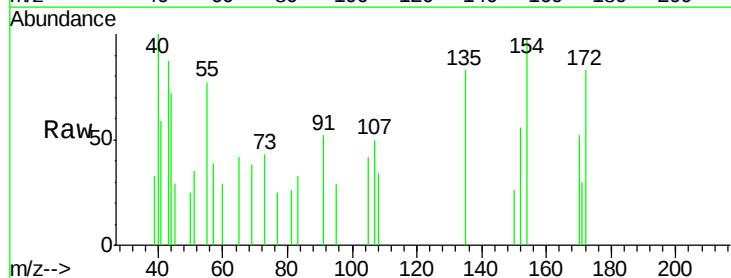
Instrument :
BNA_G
ClientSampleId :

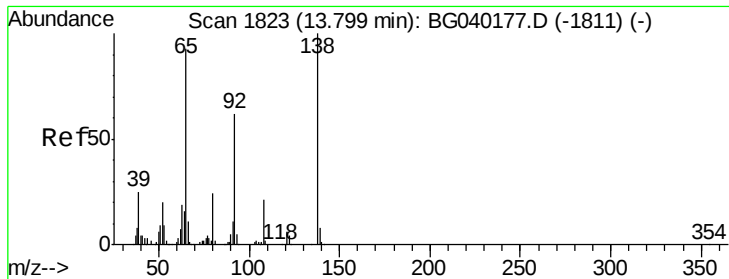
Tot Ion:172 Resp: 447110
Ion Ratio Lower Upper
172 100
171 36.8 30.5 45.7
170 23.4 20.1 30.1



#46
1,1'-Biphenyl
Concen: 0.114 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

Tgt Ion:154 Resp: 765
Ion Ratio Lower Upper
154 100
153 0.0 22.5 62.5#
76 0.0 0.0 33.7

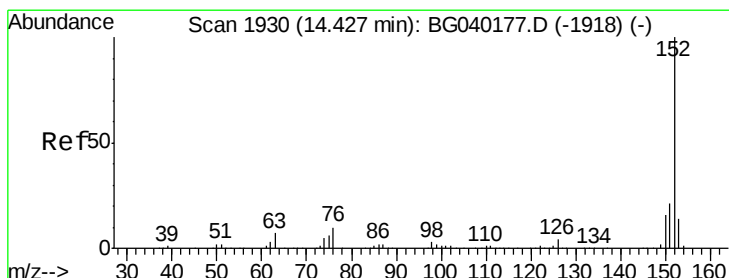
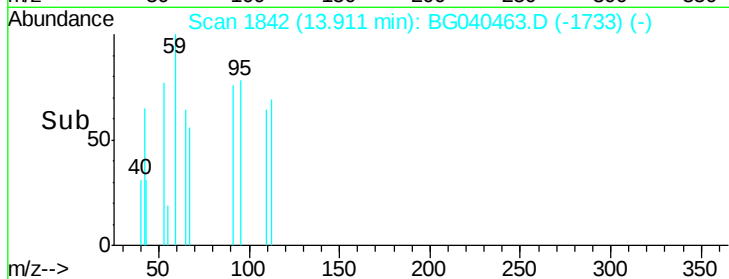
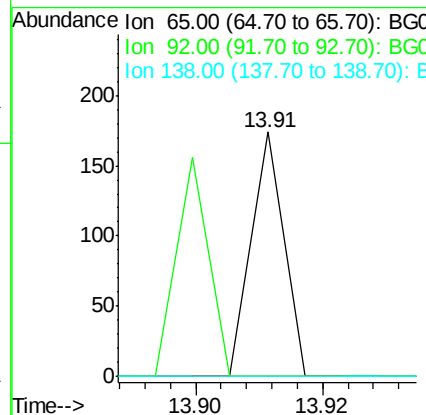
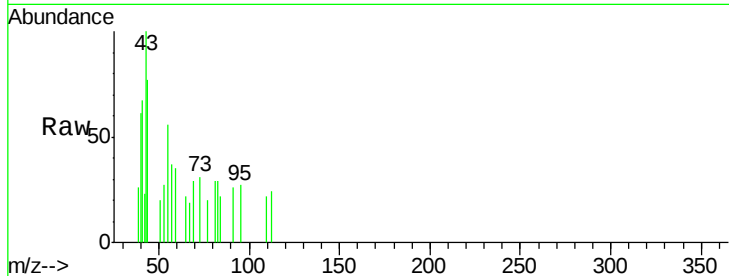




#48
2-Nitroaniline
Concen: 0.035 ng
RT: 13.91 min Scan# 1842
Delta R.T. 0.11 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

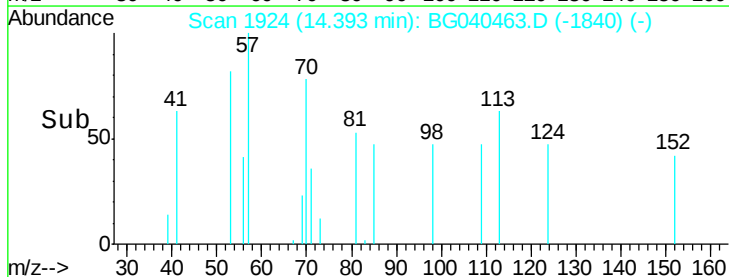
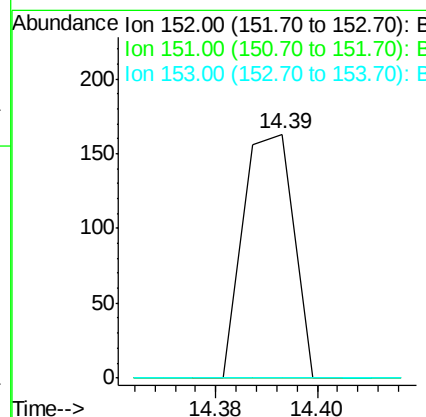
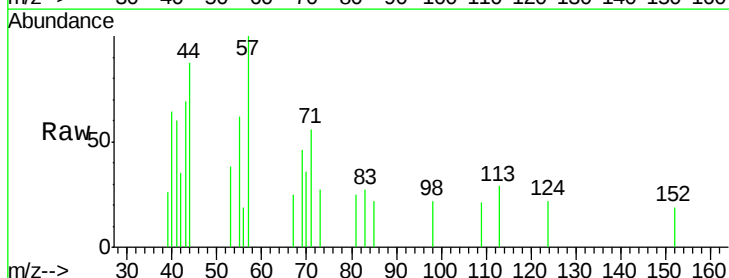
Instrument :
BNA_G
ClientSampleId :

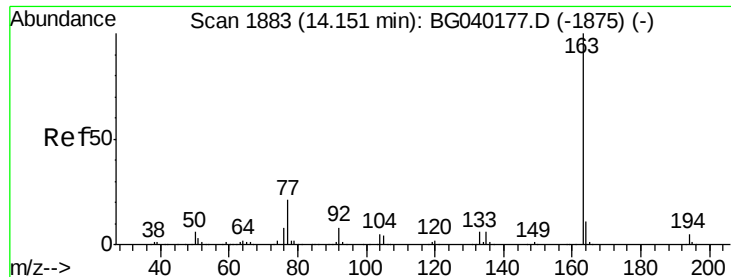
Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.8	80.6#
138	0.0	86.3	129.5#



#49
Acenaphthylene
Concen: 0.013 ng
RT: 14.39 min Scan# 1924
Delta R.T. -0.03 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.0	25.6#
153	0.0	10.8	16.2#





#50

Dimethylphthalate

Concen: 6.334 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampleId :

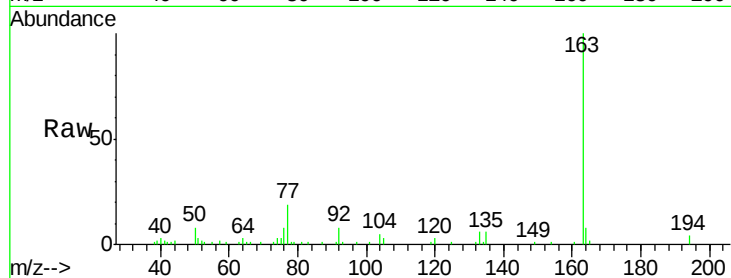
Tot Ion:163 Resp: 41995

Ion Ratio Lower Upper

163 100

194 3.8 4.1 6.1#

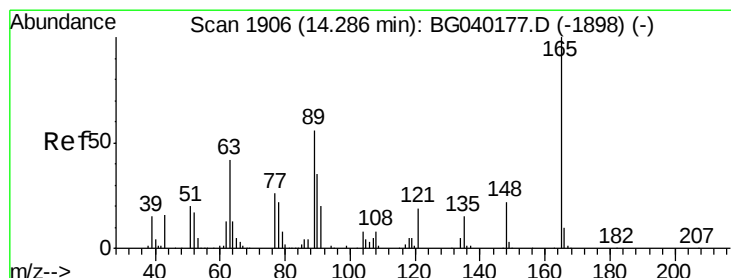
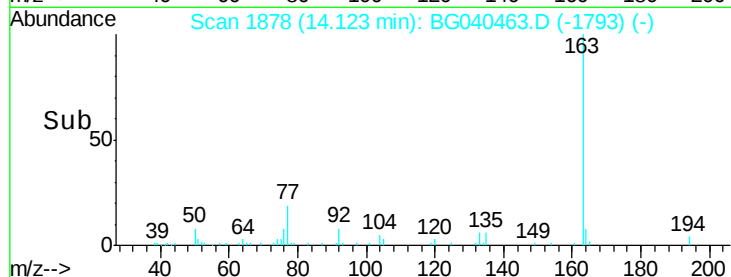
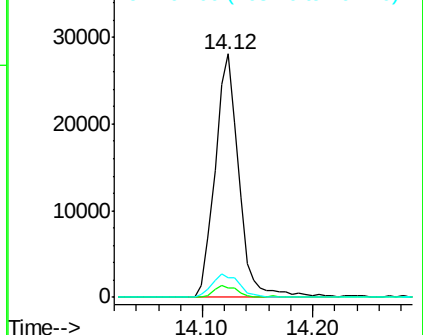
164 8.2 8.6 13.0#



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: 0.265 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.16 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

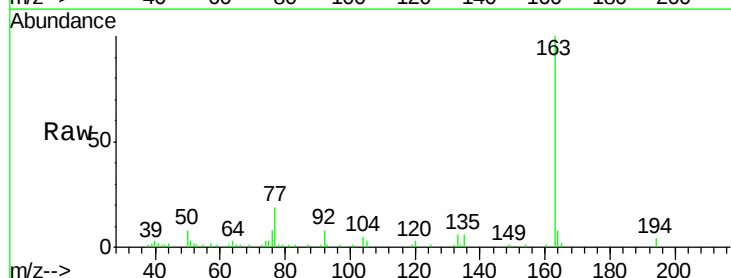
Tgt Ion:165 Resp: 394

Ion Ratio Lower Upper

165 100

63 78.7 44.1 66.1#

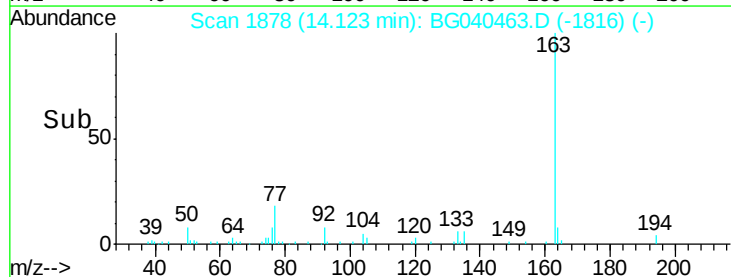
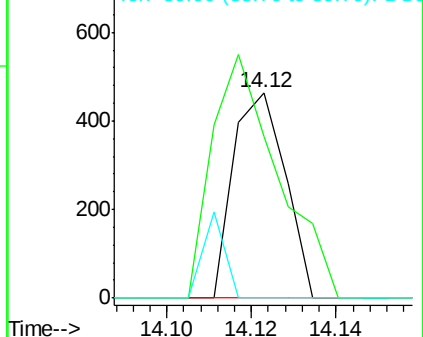
89 0.0 44.9 67.3#

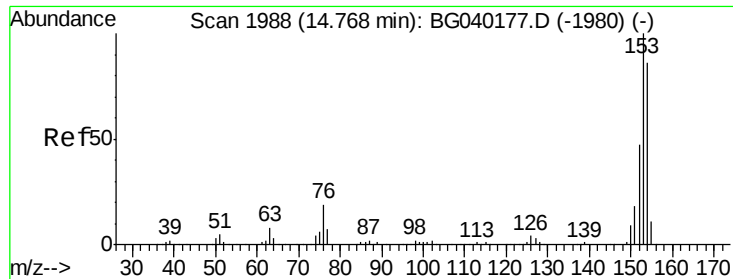


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.015 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.04 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampleId :

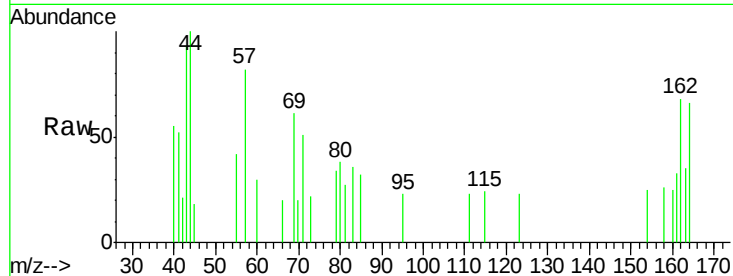
Tot Ion:154 Resp: 74

Ion Ratio Lower Upper

154 100

153 0.0 92.8 139.2#

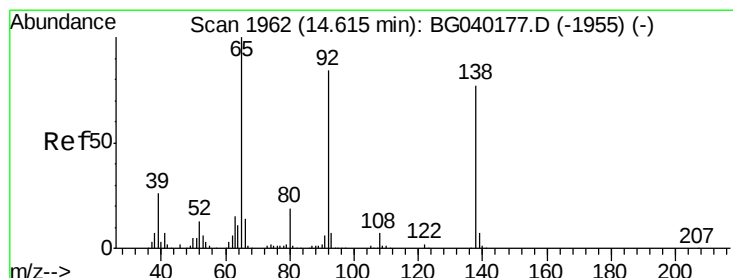
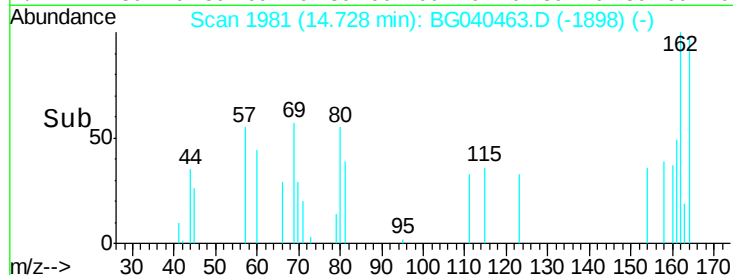
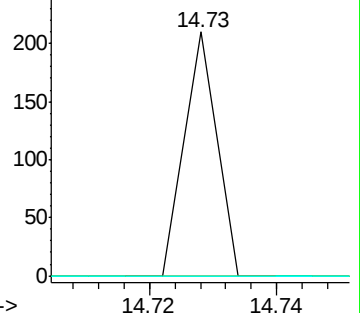
152 0.0 43.4 65.2#



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: 0.045 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.02 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

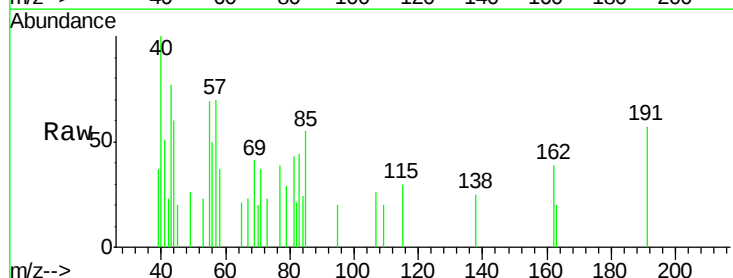
Tgt Ion:138 Resp: 71

Ion Ratio Lower Upper

138 100

108 0.0 7.8 11.8#

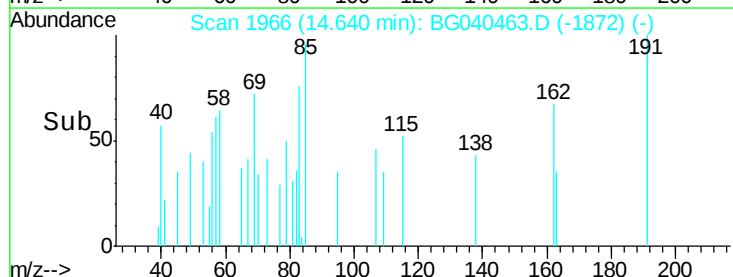
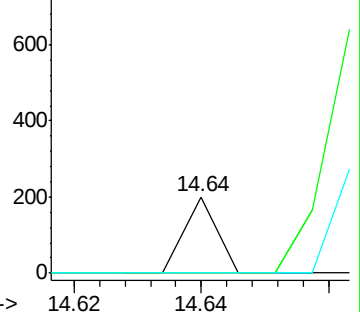
92 0.0 87.5 131.3#

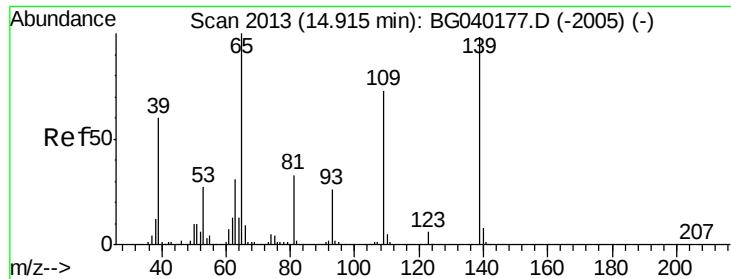


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#56

4-Nitrophenol

Concen: 0.042 ng

RT: 14.99 min Scan# 2025

Delta R.T. 0.07 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampled :

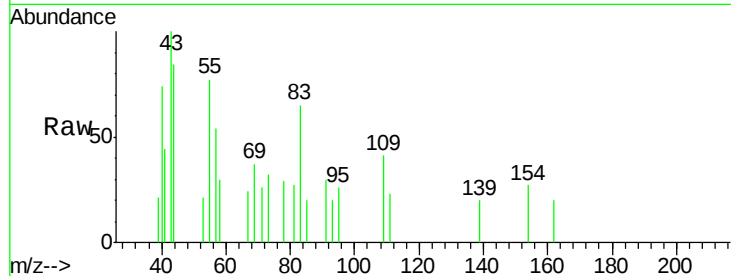
Tot Ion:139 Resp: 54

Ion Ratio Lower Upper

139 100

109 205.9 54.3 94.3#

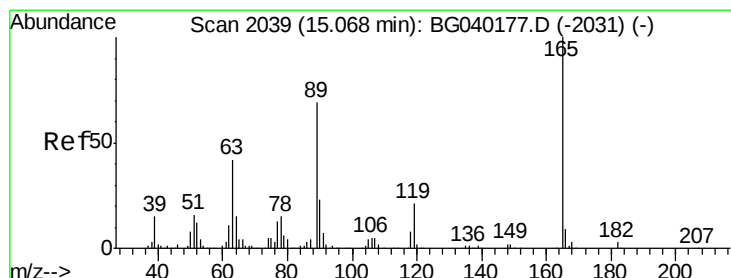
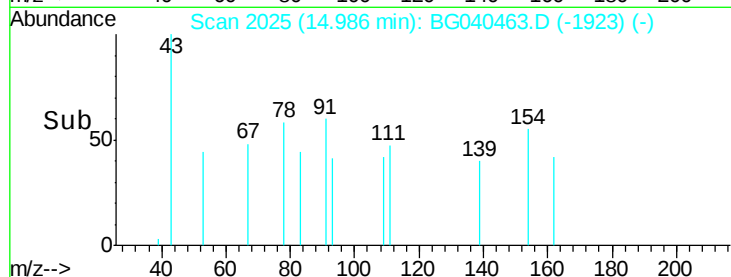
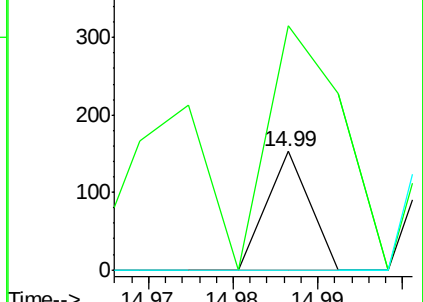
65 0.0 82.5 122.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 5.309 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.39 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Tgt Ion:165 Resp: 10982

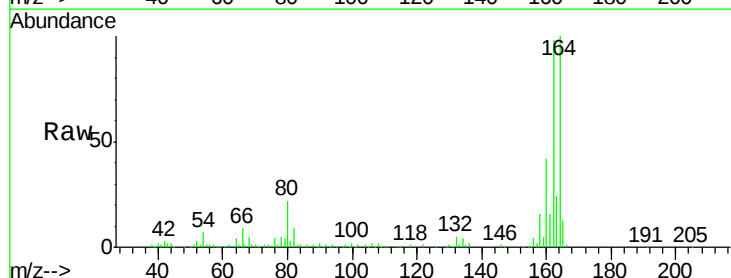
Ion Ratio Lower Upper

165 100

63 0.0 33.8 50.6#

89 2.9 55.4 83.2#

182 0.0 2.2 3.4#

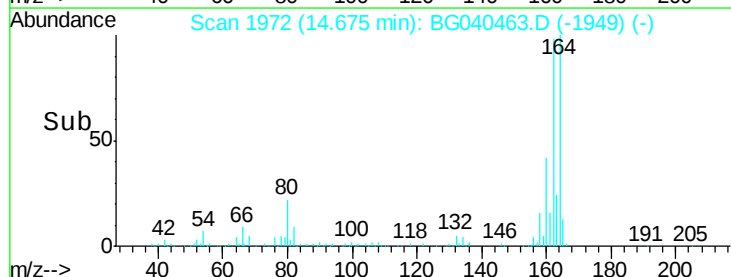
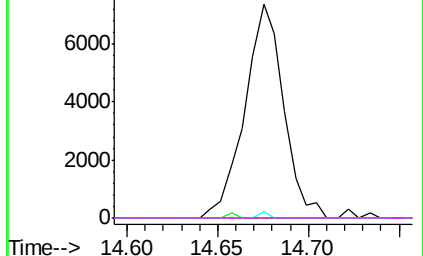


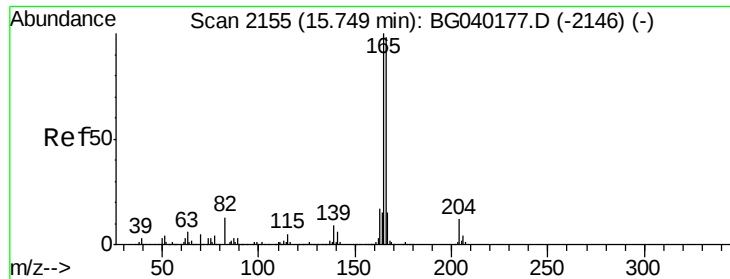
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.891 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.41 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampled :

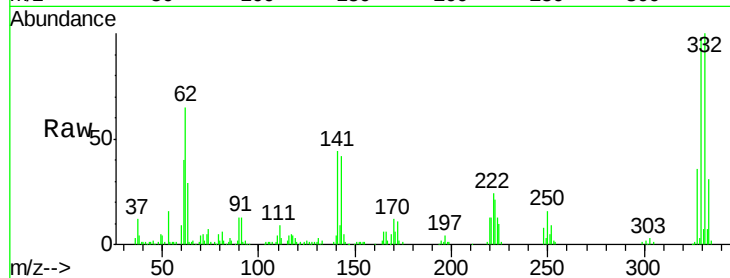
Tot Ion:166 Resp: 5617

Ion Ratio Lower Upper

166 100

165 105.3 81.7 122.5

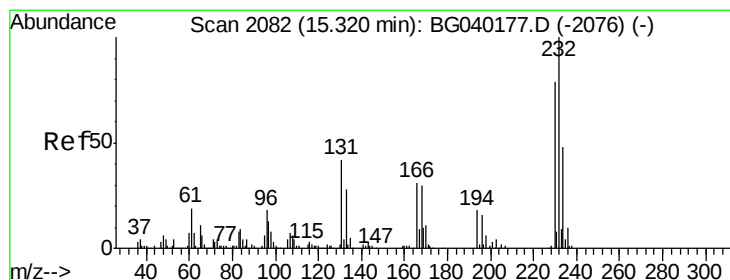
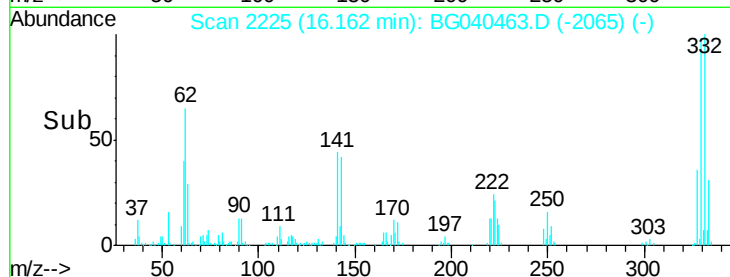
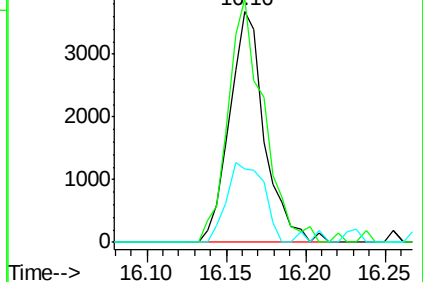
167 31.8 11.9 17.9#



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: 0.032 ng

RT: 15.25 min Scan# 2070

Delta R.T. -0.07 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Tgt Ion:232 Resp: 55

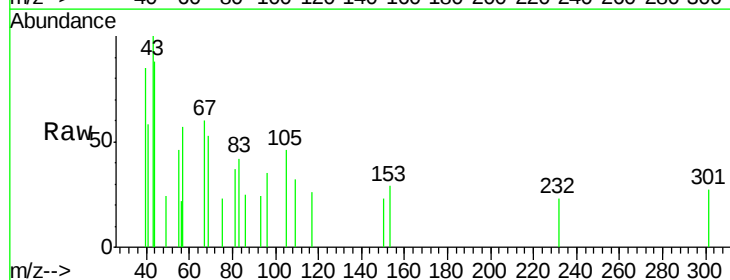
Ion Ratio Lower Upper

232 100

131 0.0 32.9 49.3#

130 0.0 1.8 2.8#

166 0.0 23.5 35.3#

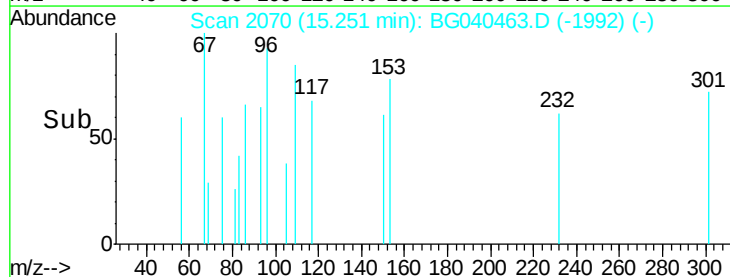
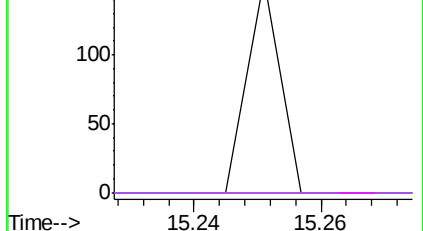


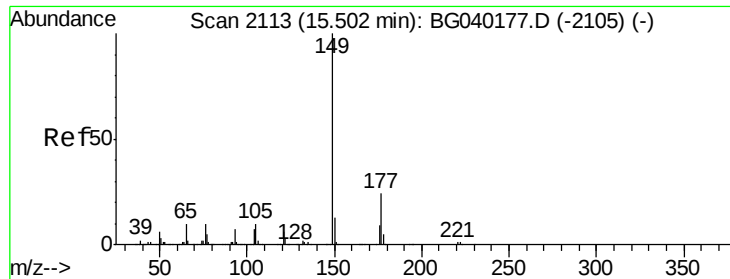
Abundance Ion 232.00 (231.70 to 232.70): E

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

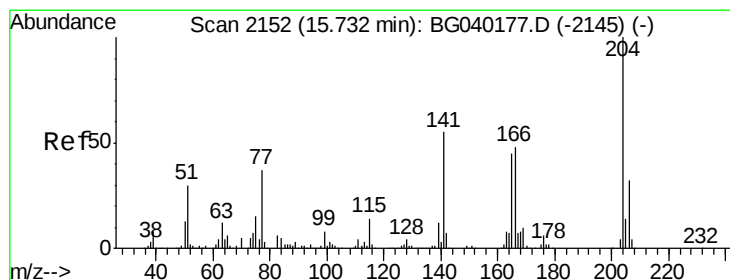
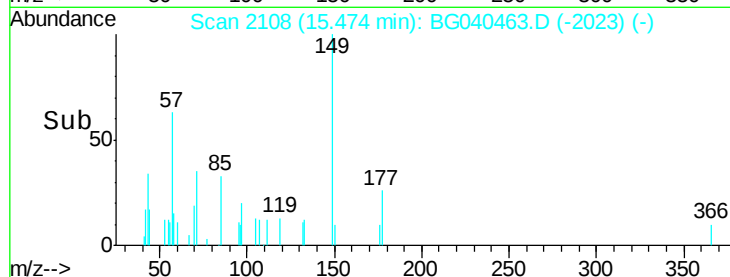
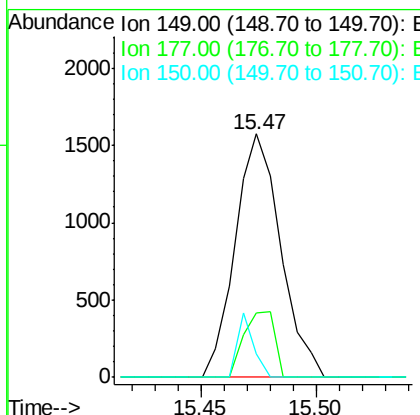
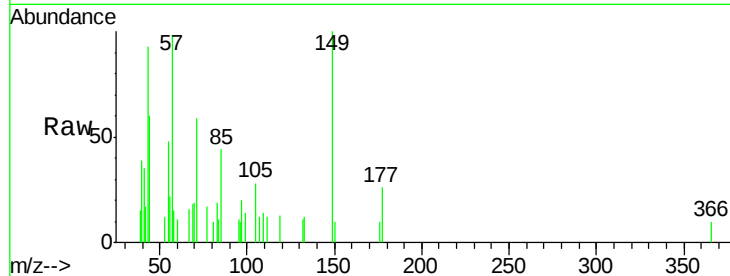




#60
Diethylphthalate
Concen: 0.318 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.03 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

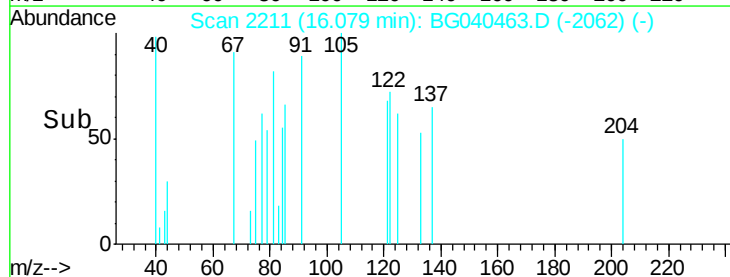
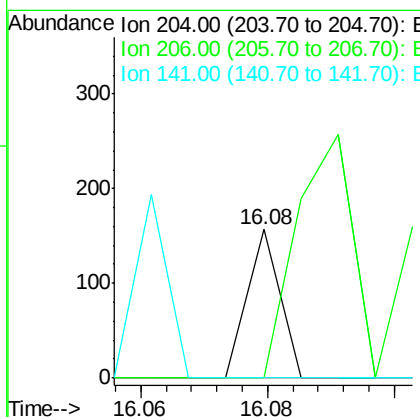
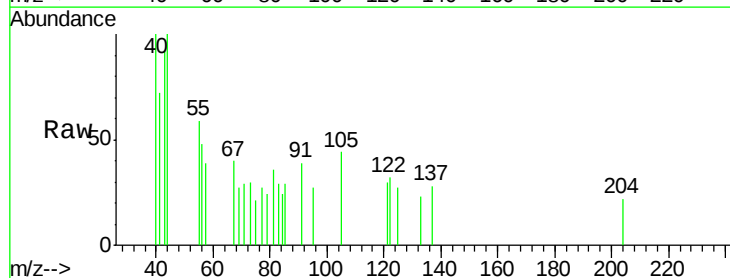
Instrument :
BNA_G
ClientSampleId :

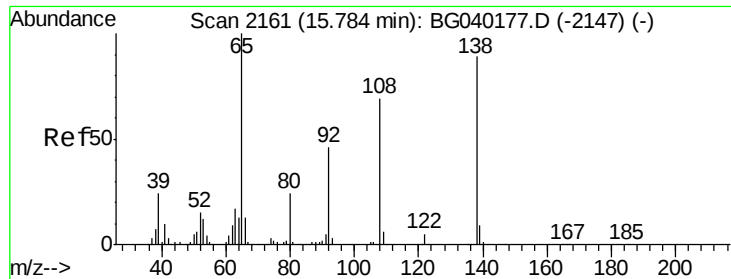
Tot Ion:149 Resp: 2158
Ion Ratio Lower Upper
149 100
177 26.2 19.1 28.7
150 9.7 10.6 15.8#



#61
4-Chlorophenyl-phenylether
Concen: 0.016 ng
RT: 16.08 min Scan# 2211
Delta R.T. 0.35 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

Tgt Ion:204 Resp: 55
Ion Ratio Lower Upper
204 100
206 0.0 25.7 38.5#
141 0.0 44.0 66.0#





#62

4-Nitroaniline

Concen: 0.043 ng

RT: 15.72 min Scan# 2149

Delta R.T. -0.07 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampleId :

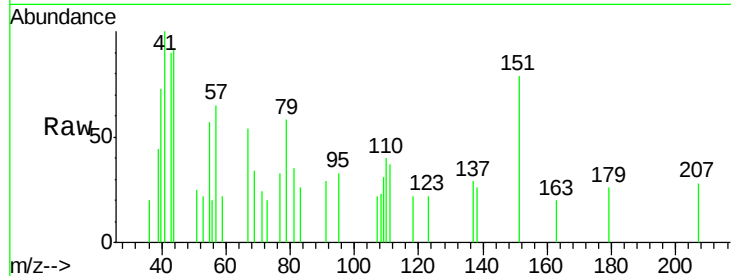
Tot Ion:138 Resp: 73

Ion Ratio Lower Upper

138 100

92 0.0 31.8 71.8#

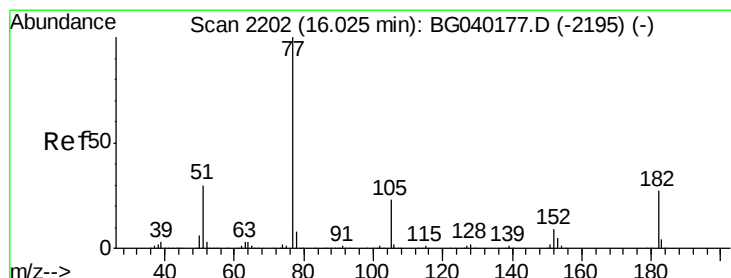
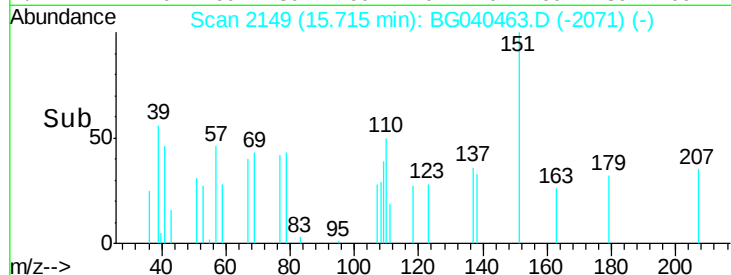
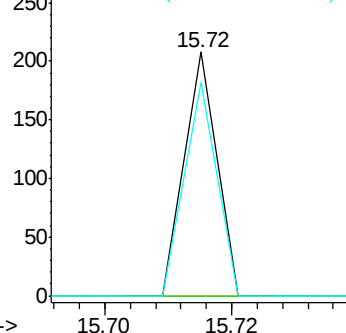
108 87.5 57.2 97.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 0.138 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Tgt Ion: 77 Resp: 883

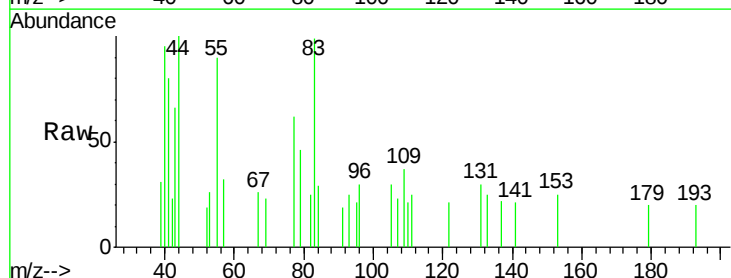
Ion Ratio Lower Upper

77 100

182 0.0 7.2 47.2#

105 48.0 2.8 42.8#

51 0.0 10.4 50.4#

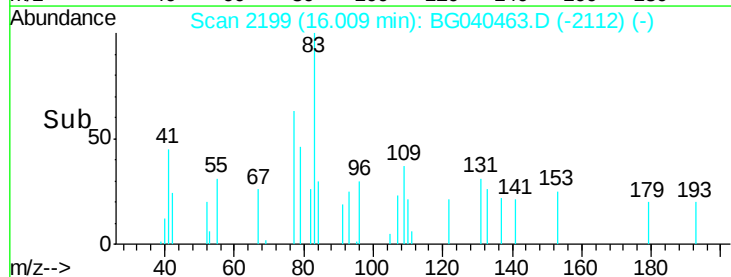
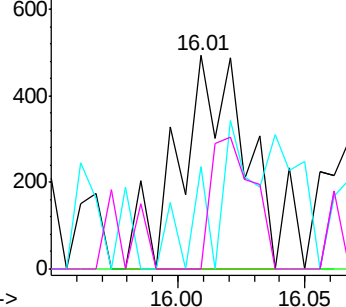


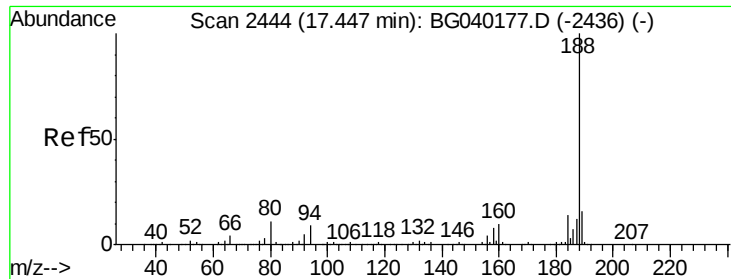
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampleId :

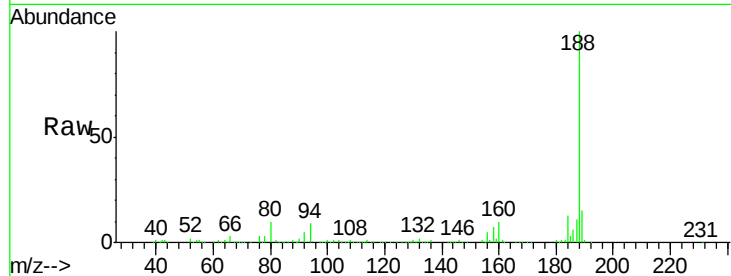
Tot Ion:188 Resp: 210614

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

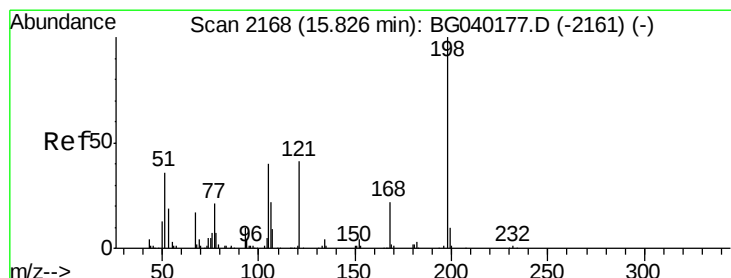
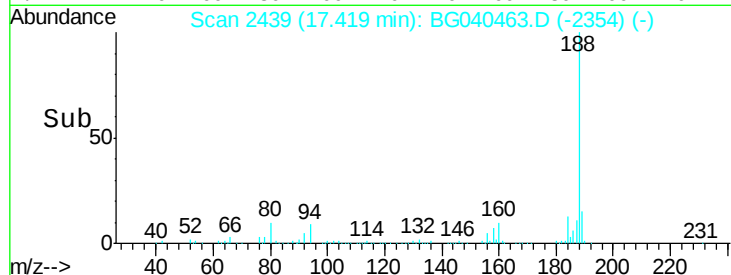
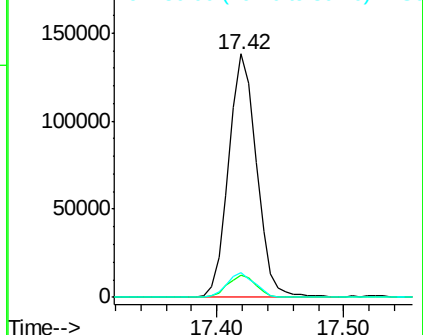
80 10.1 8.6 13.0



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: 0.346 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.34 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

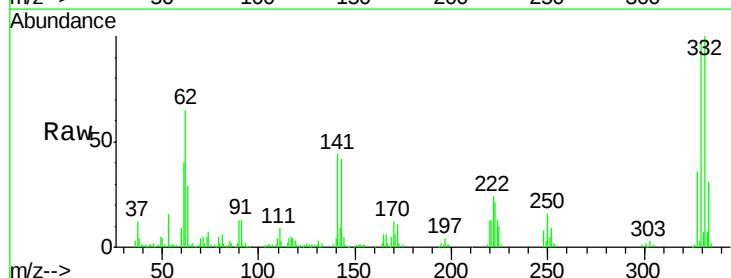
Tgt Ion:198 Resp: 409

Ion Ratio Lower Upper

198 100

51 24.4 27.3 67.3#

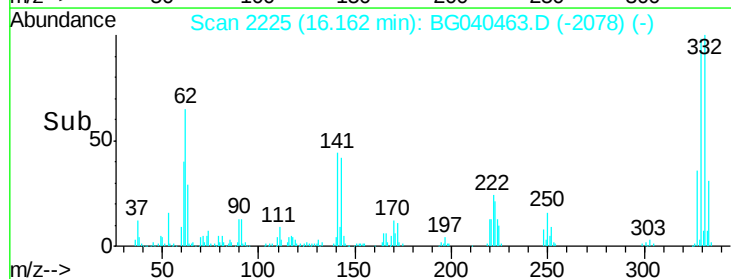
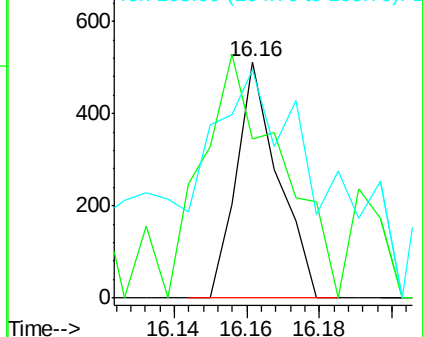
105 35.0 21.7 61.7

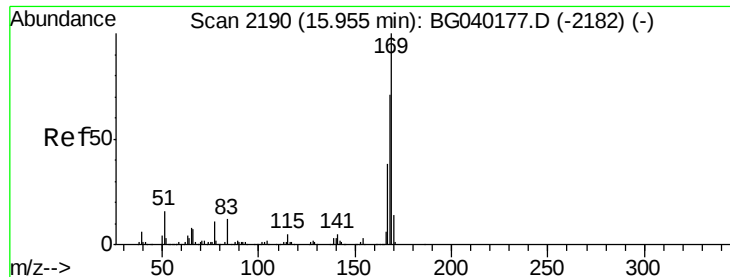


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

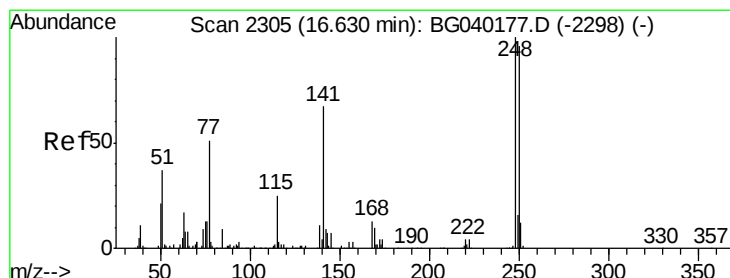
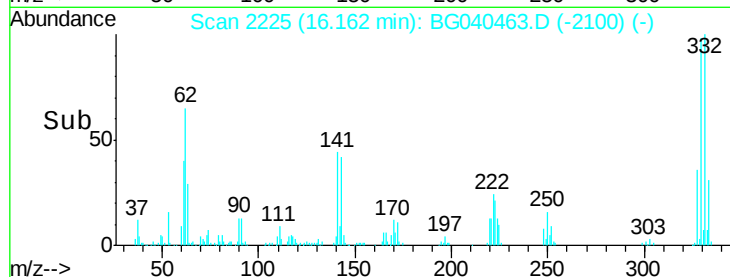
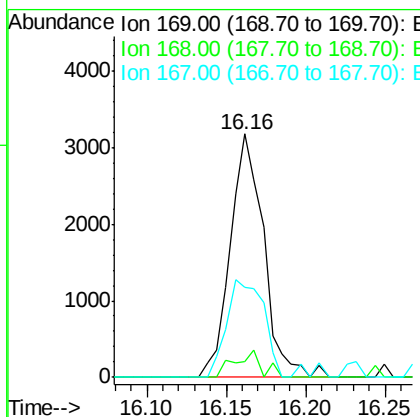
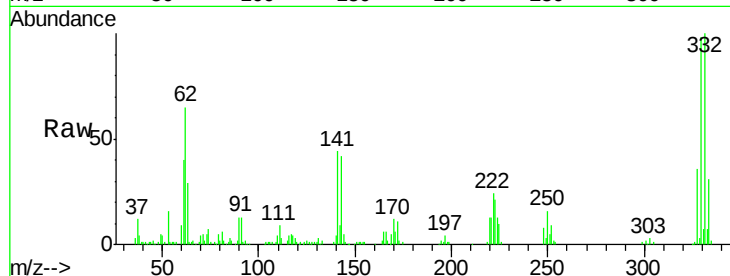




#66
 n-Nitrosodiphenylamine
 Concen: 0.754 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.21 min
 Lab File: BG040463.D
 Acq: 12 Apr 2019 16:08

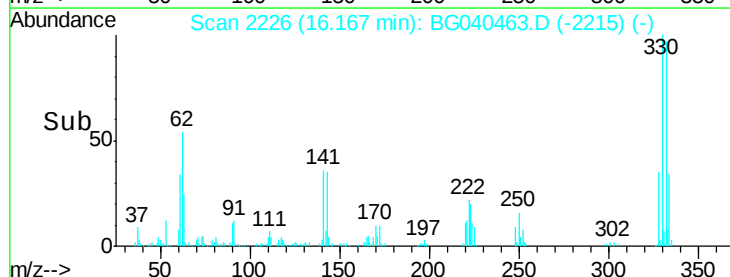
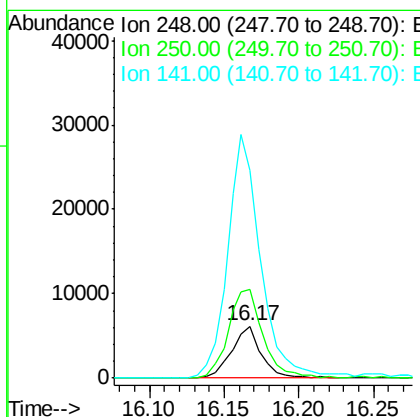
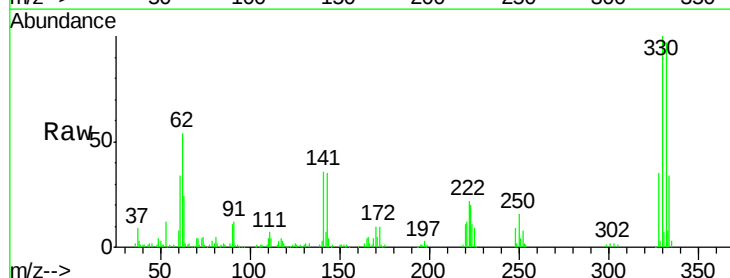
Instrument :
 BNA_G
 ClientSampled :

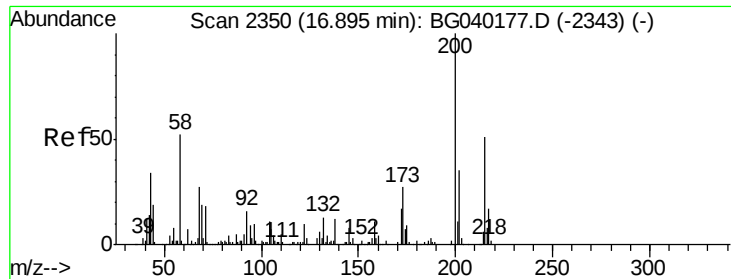
Tot Ion:169 Resp: 4649
 Ion Ratio Lower Upper
 169 100
 168 6.4 56.8 85.2#
 167 36.9 30.2 45.4



#67
 4-Bromophenyl-phenylether
 Concen: 3.626 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.46 min
 Lab File: BG040463.D
 Acq: 12 Apr 2019 16:08

Tgt Ion:248 Resp: 8593
 Ion Ratio Lower Upper
 248 100
 250 170.7 76.4 114.6#
 141 399.9 53.8 80.8#

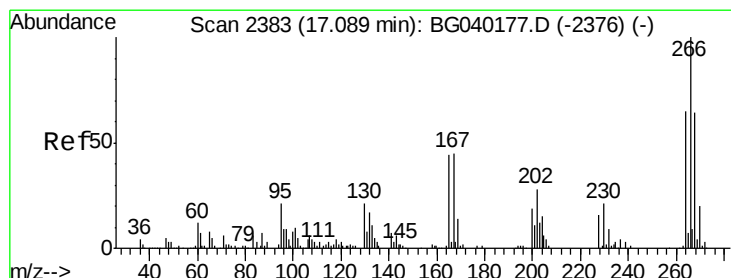
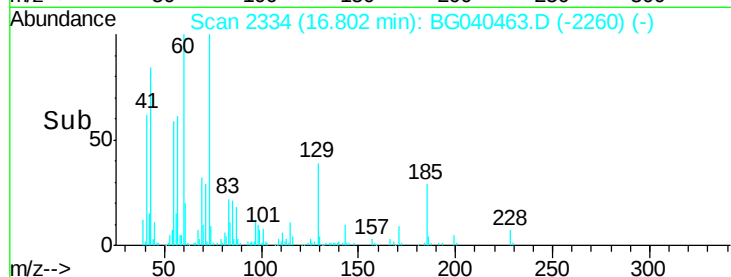
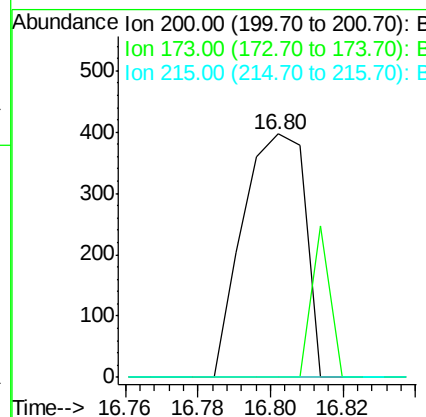
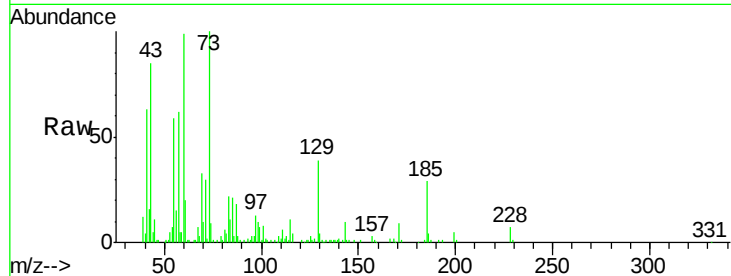




#69
Atrazine
Concen: 0.206 ng
RT: 16.80 min Scan# 2334
Delta R.T. -0.09 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

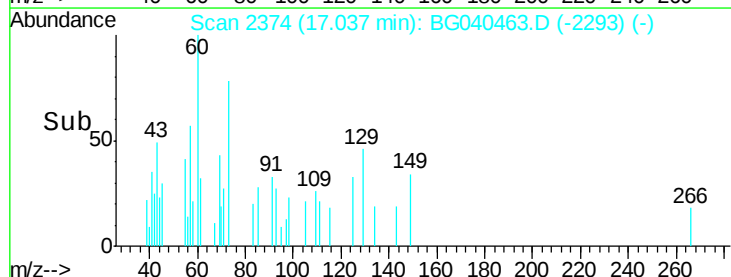
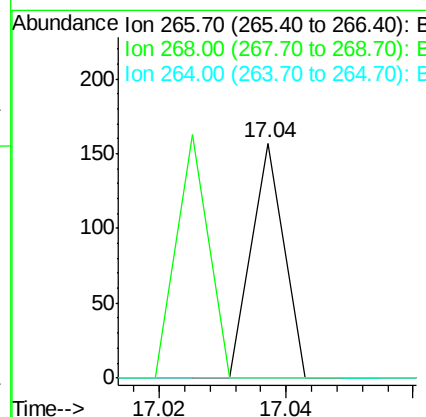
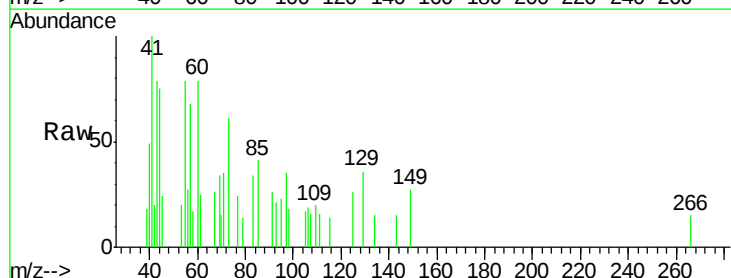
Instrument :
BNA_G
ClientSampled :

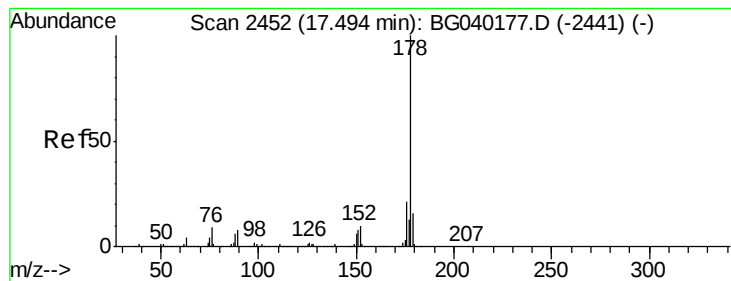
Tot Ion:200 Resp: 472
Ion Ratio Lower Upper
200 100
173 0.0 7.1 47.1#
215 0.0 30.9 70.9#



#70
Pentachlorophenol
Concen: 0.040 ng
RT: 17.04 min Scan# 2374
Delta R.T. -0.05 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

Tgt Ion:266 Resp: 55
Ion Ratio Lower Upper
266 100
268 0.0 55.0 82.4#
264 0.0 51.8 77.8#





#71

Phenanthrene

Concen: 0.025 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.03 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampled :

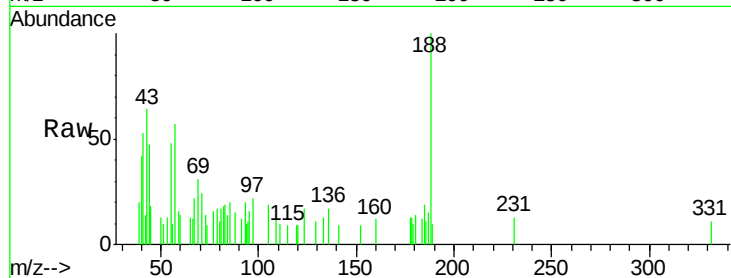
Tot Ion:178 Resp: 277

Ion Ratio Lower Upper

178 100

176 0.0 16.7 25.1#

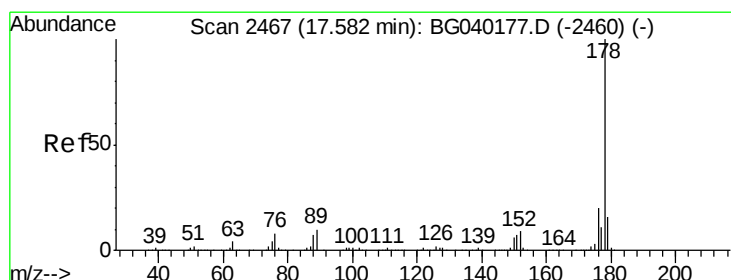
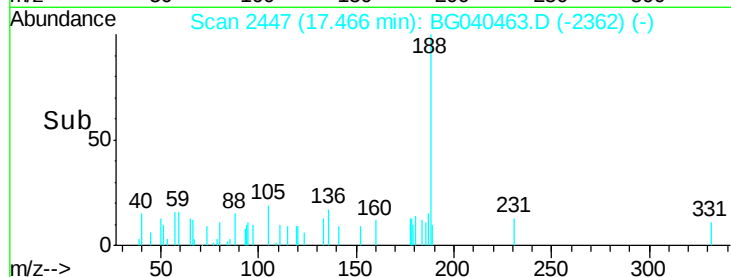
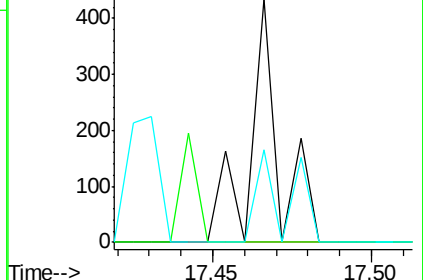
179 38.2 12.8 19.2#



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: 0.005 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

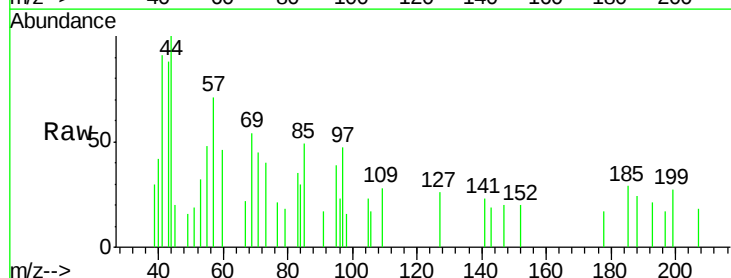
Tgt Ion:178 Resp: 56

Ion Ratio Lower Upper

178 100

176 0.0 15.9 23.9#

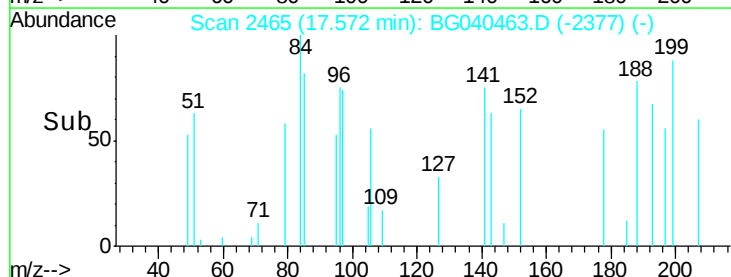
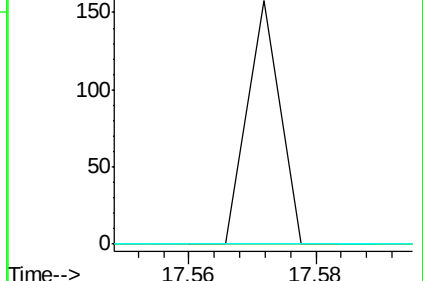
179 0.0 12.9 19.3#

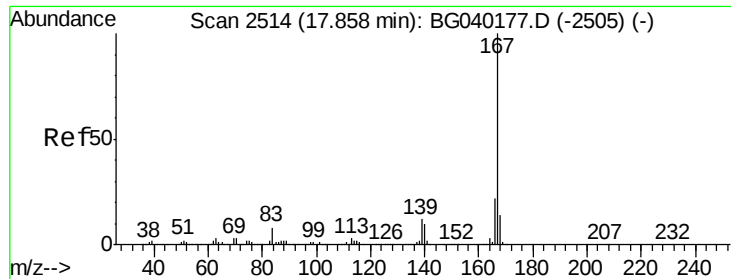


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 1.012 ng

RT: 17.69 min Scan# 2485

Delta R.T. -0.17 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampleId :

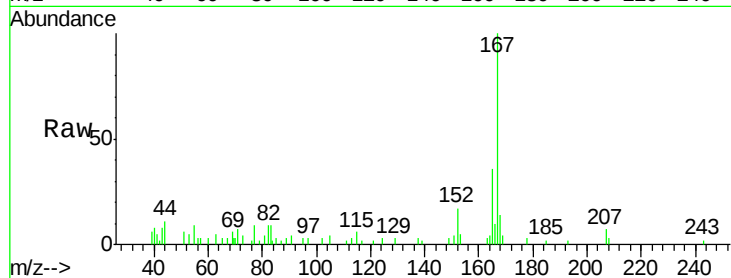
Tot Ion:167 Resp: 10609

Ion Ratio Lower Upper

167 100

166 10.3 17.5 26.3#

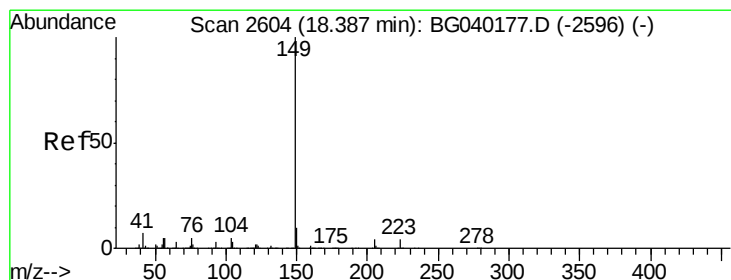
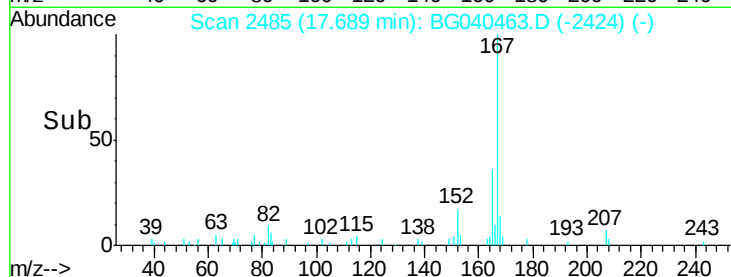
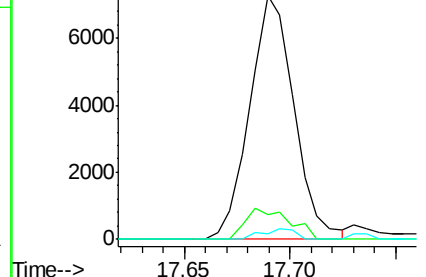
139 2.2 10.0 15.0#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 0.274 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.03 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

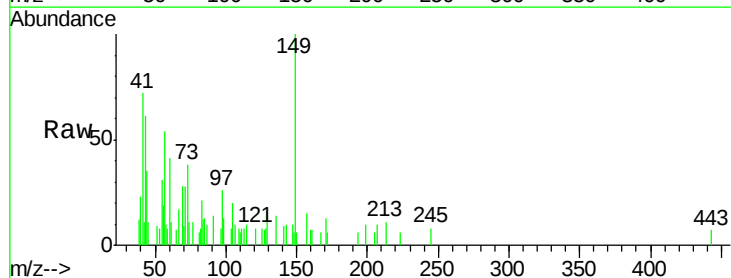
Tgt Ion:149 Resp: 3409

Ion Ratio Lower Upper

149 100

150 6.4 7.9 11.9#

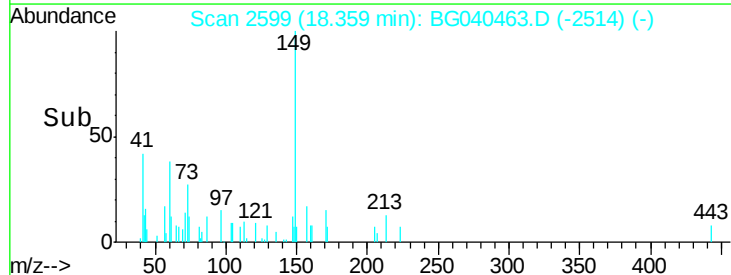
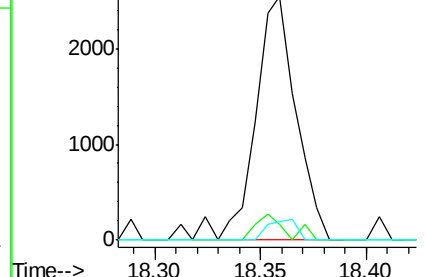
104 7.7 4.1 6.1#

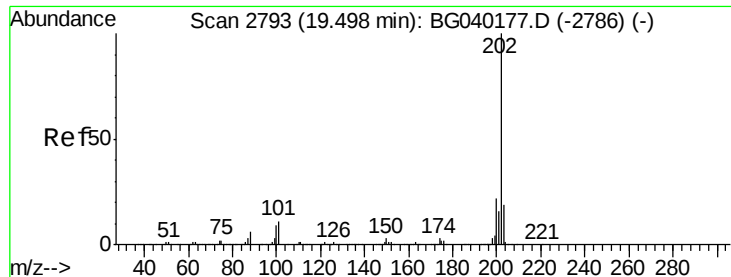


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.008 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampleId :

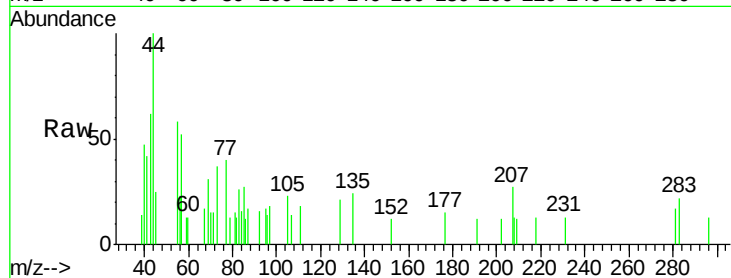
Tot Ion:202 Resp: 111

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.8

203 0.0 0.0 38.9



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

19.48

19.44

19.46

19.48

19.50

19.52

19.54

19.56

19.58

19.60

19.62

19.64

19.66

19.68

19.70

19.72

19.74

19.76

19.78

19.80

19.82

19.84

19.86

19.88

19.90

19.92

19.94

19.96

19.98

20.00

20.02

20.04

20.06

20.08

20.10

20.12

20.14

20.16

20.18

20.20

20.22

20.24

20.26

20.28

20.30

20.32

20.34

20.36

20.38

20.40

20.42

20.44

20.46

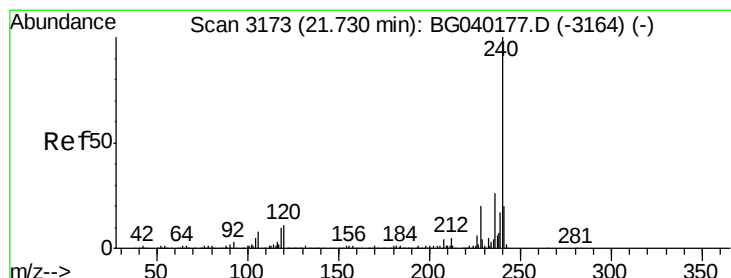
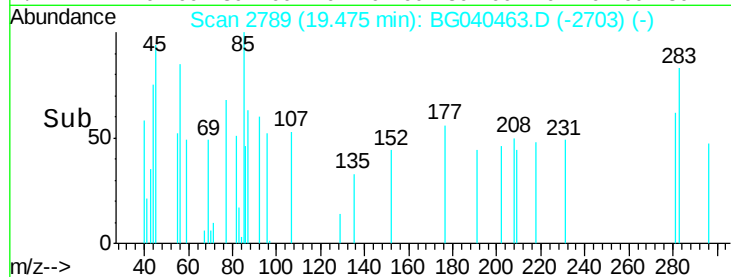
20.48

20.50

20.52

20.54

20.56



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

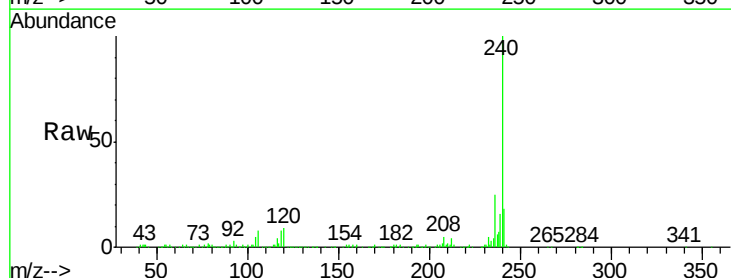
Tgt Ion:240 Resp: 249477

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

236 25.1 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.69

21.60

21.62

21.64

21.66

21.68

21.70

21.72

21.74

21.76

21.78

21.80

21.82

21.84

21.86

21.88

21.90

21.92

21.94

21.96

21.98

22.00

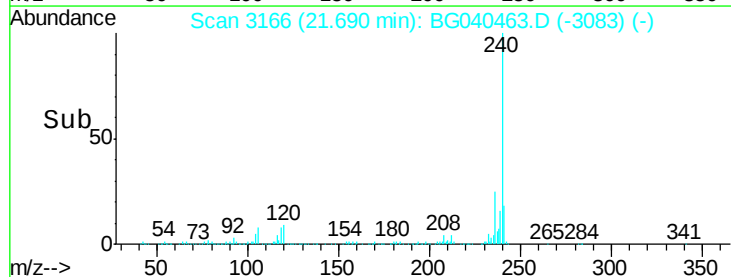
22.02

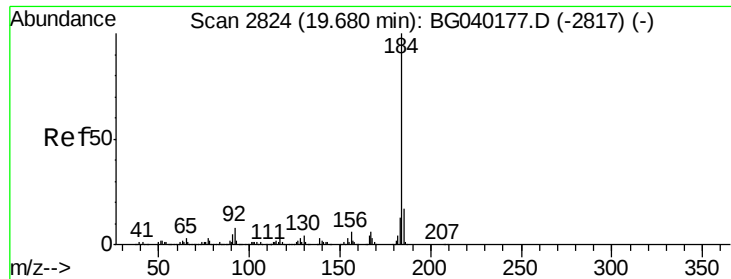
22.04

22.06

22.08

22.10





#77

Benzidine

Concen: 1.432 ng

RT: 20.02 min Scan# 2881

Delta R.T. 0.34 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampled :

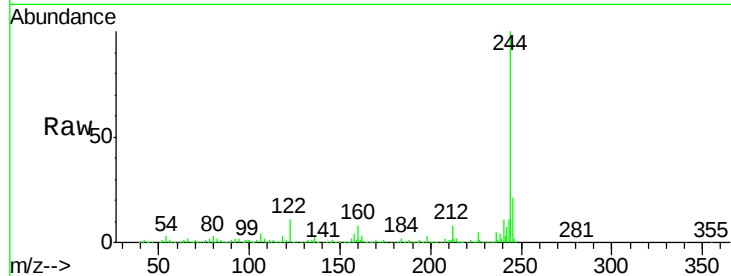
Tot Ion:184 Resp: 12897

Ion Ratio Lower Upper

184 100

185 18.5 13.3 19.9

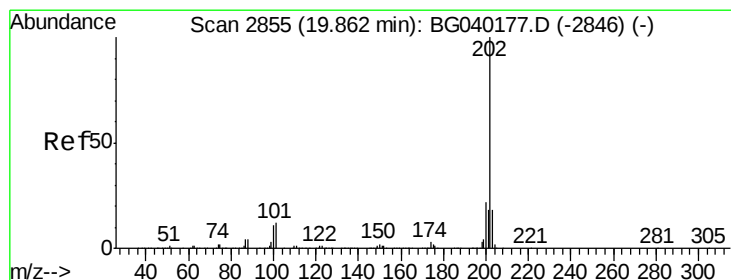
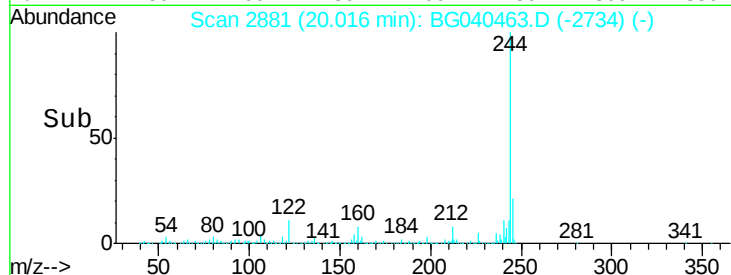
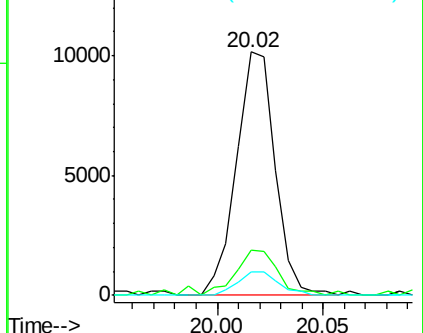
183 9.9 10.3 15.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.201 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.16 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

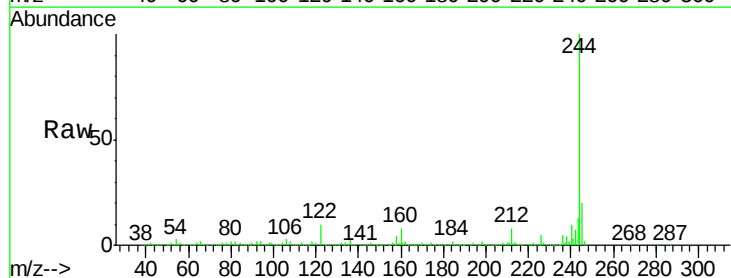
Tgt Ion:202 Resp: 3304

Ion Ratio Lower Upper

202 100

200 50.8 17.3 25.9#

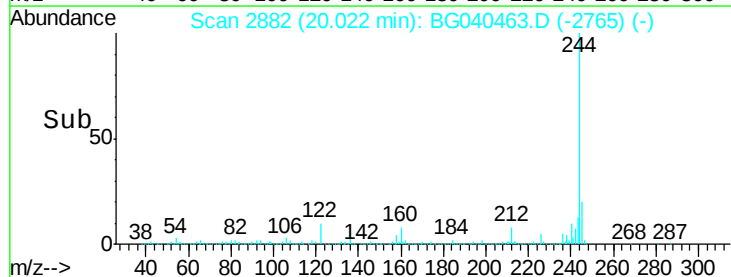
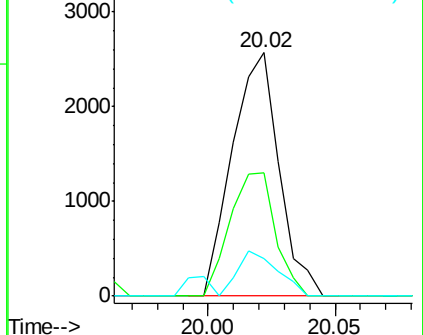
203 15.3 14.6 22.0

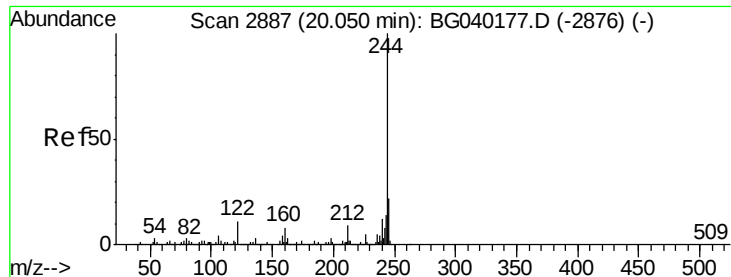


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.849 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampleId :

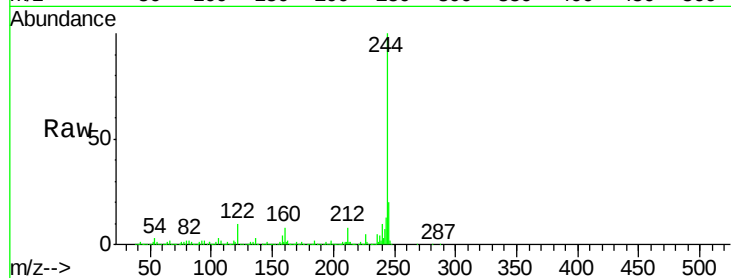
Tot Ion:244 Resp: 818952

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.6

122 9.6 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

800000

600000

400000

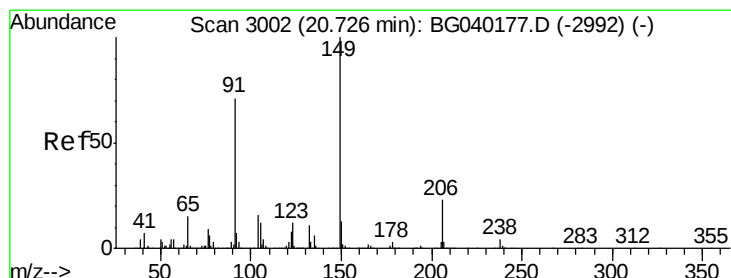
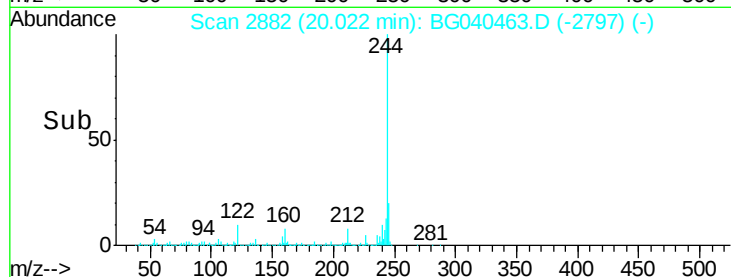
200000

0

20.02

19.90 20.00 20.10 20.20

Time-->



#80

Butylbenzylphthalate

Concen: 0.137 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.03 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

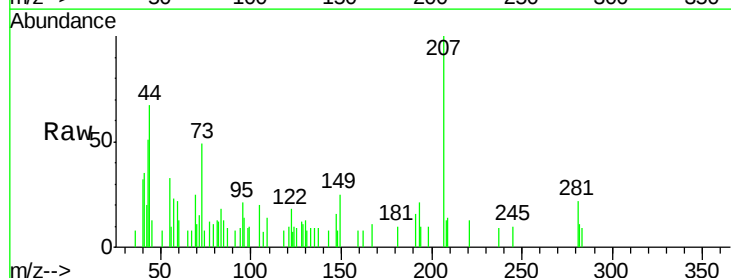
Tgt Ion:149 Resp: 960

Ion Ratio Lower Upper

149 100

91 31.8 57.0 85.4#

206 0.0 18.2 27.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

600

400

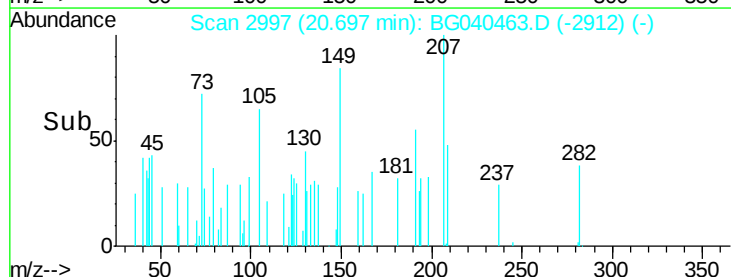
200

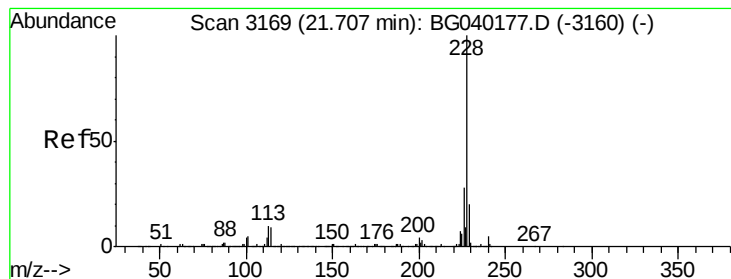
0

20.70

20.65 20.70 20.75 20.80

Time-->





#81

Benzo(a)anthracene

Concen: 0.064 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampleId :

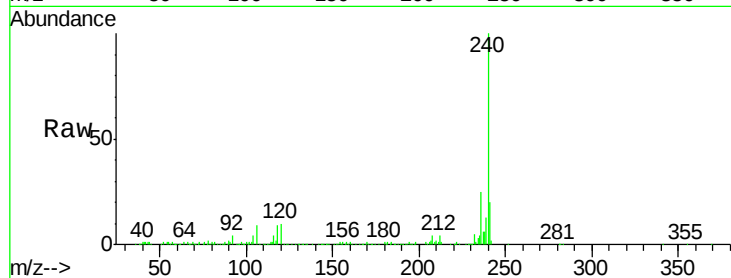
Tot Ion:228 Resp: 985

Ion Ratio Lower Upper

228 100

226 0.0 22.6 34.0#

229 53.1 16.1 24.1#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.68

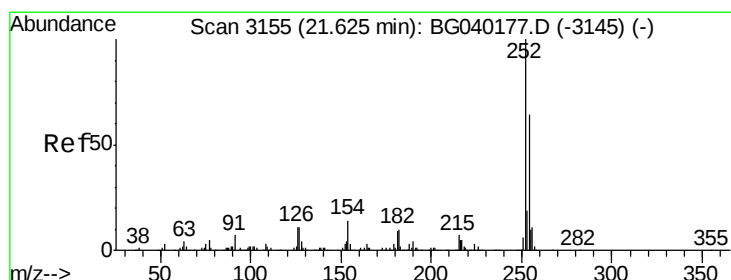
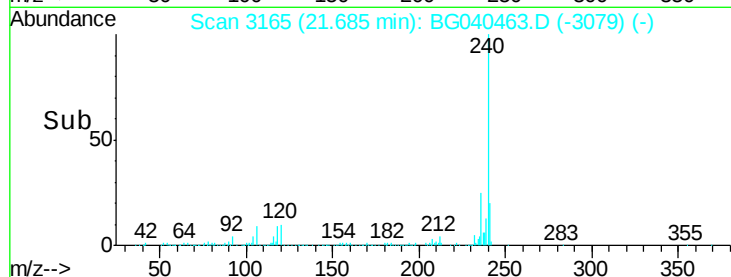
400

200

0

21.65 21.70 21.75

Time-->



#82

3,3'-Dichlorobenzidine

Concen: 0.009 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

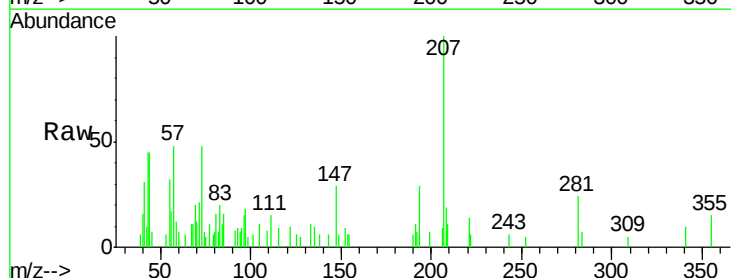
Tgt Ion:252 Resp: 55

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.2#

126 0.0 8.5 12.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

21.59

300

250

200

150

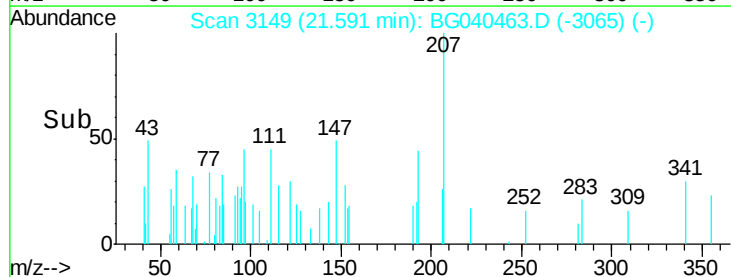
100

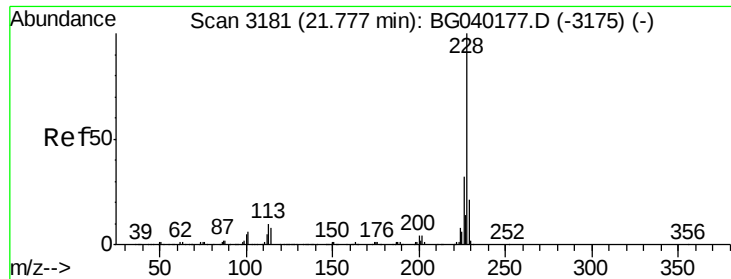
50

0

21.57 21.58 21.59 21.60

Time-->





#83

Chrysene

Concen: 0.067 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.09 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampled :

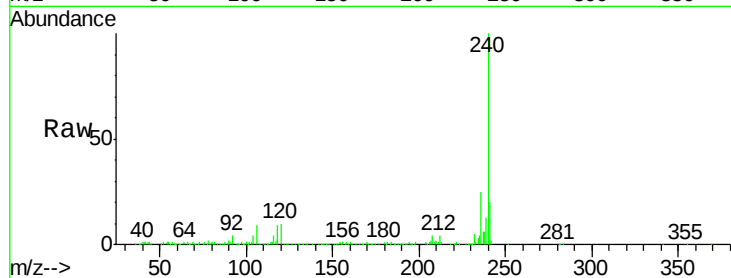
Tot Ion:228 Resp: 985

Ion Ratio Lower Upper

228 100

226 0.0 25.4 38.0#

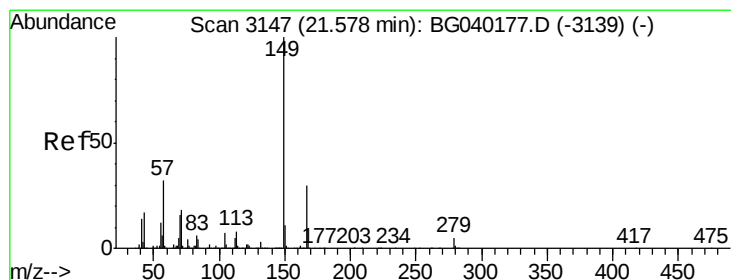
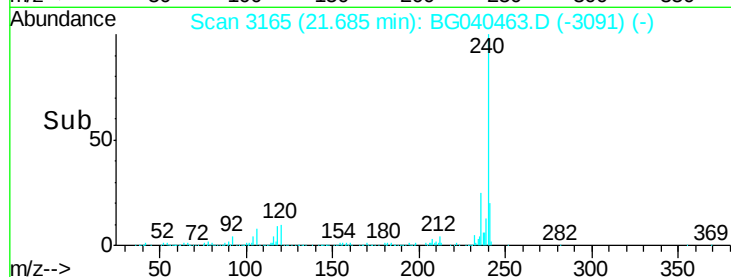
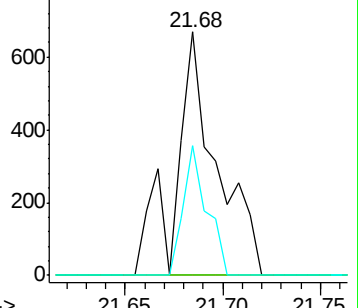
229 53.1 17.0 25.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.429 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.04 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

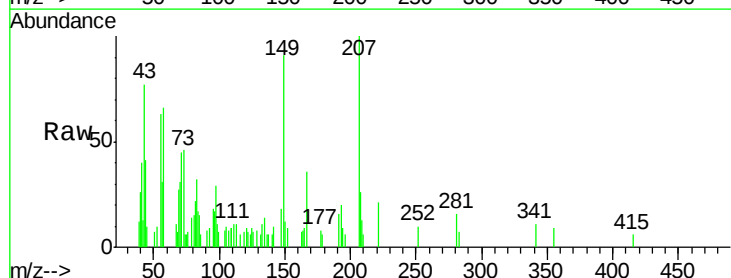
Tgt Ion:149 Resp: 4307

Ion Ratio Lower Upper

149 100

167 40.0 24.1 36.1#

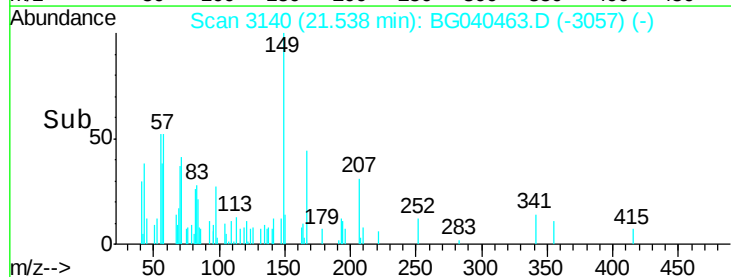
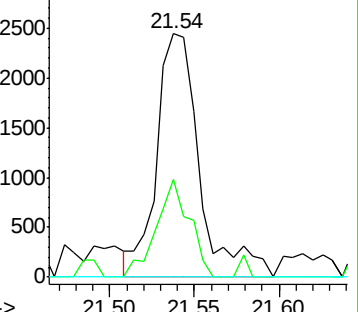
279 0.0 4.1 6.1#

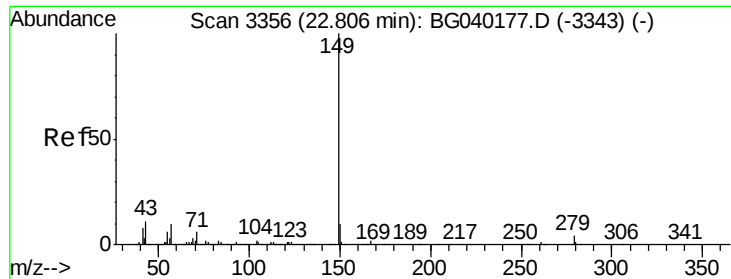


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

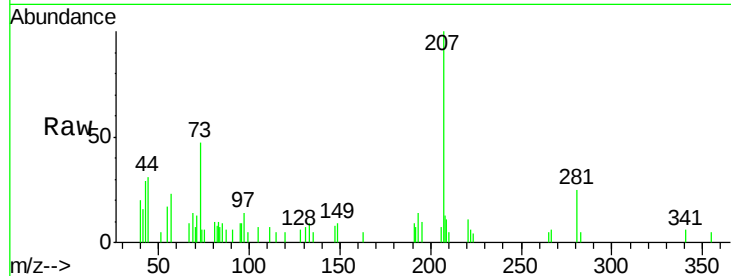




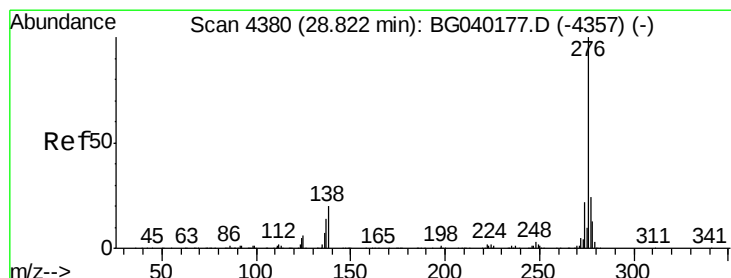
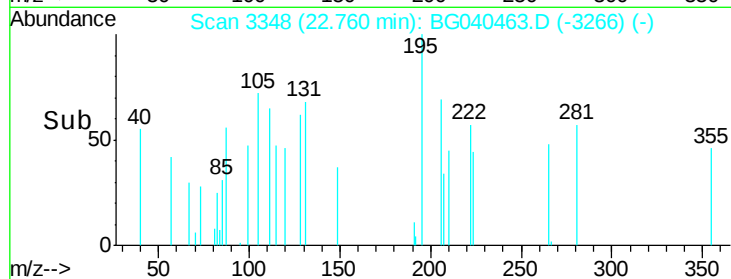
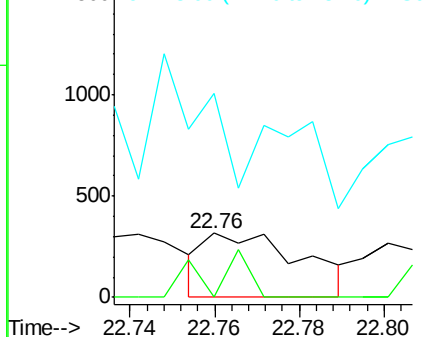
#85
Di-n-octyl phthalate
Concen: 0.029 ng
RT: 22.76 min Scan# 3348
Delta R.T. -0.05 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 501
Ion Ratio Lower Upper
149 100
167 13.0 1.4 2.0#
43 0.0 8.7 13.1#

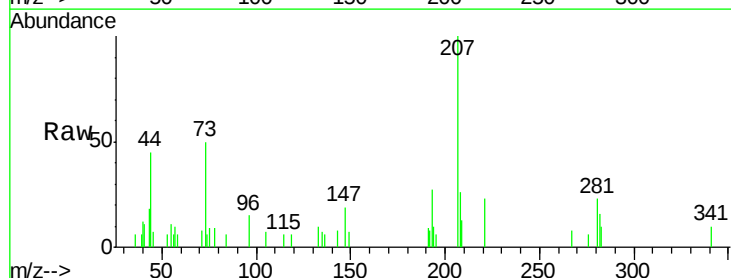


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

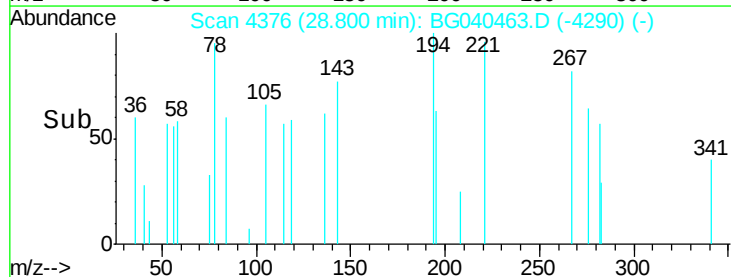
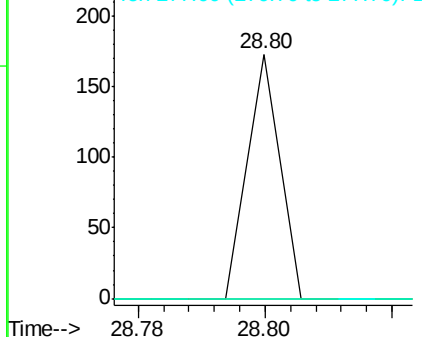


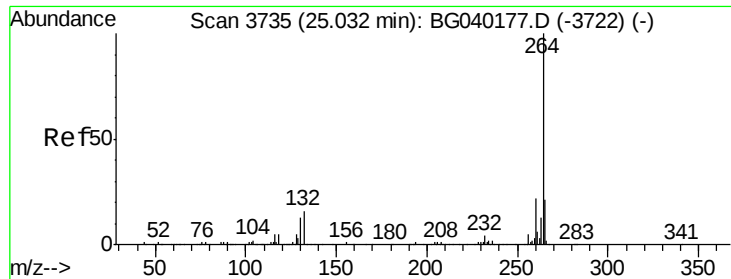
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.02 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

Tgt Ion:276 Resp: 61
Ion Ratio Lower Upper
276 100
138 0.0 18.8 28.2#
277 0.0 21.0 31.4#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

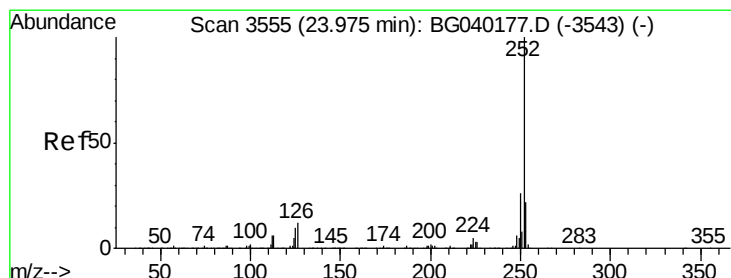
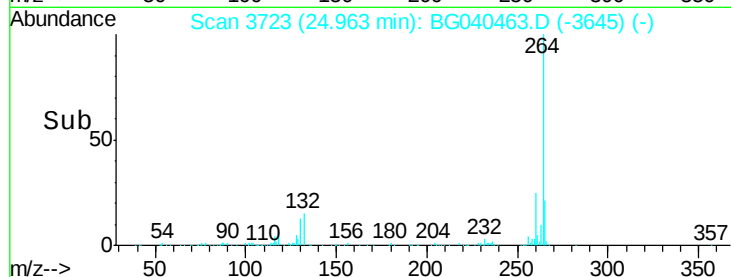
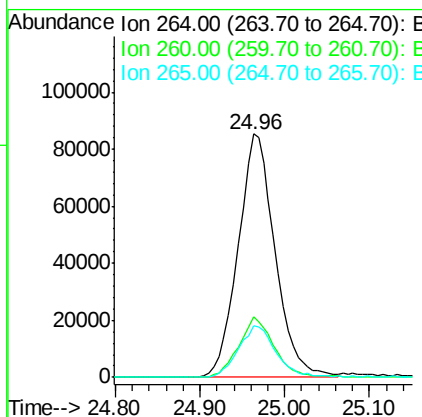
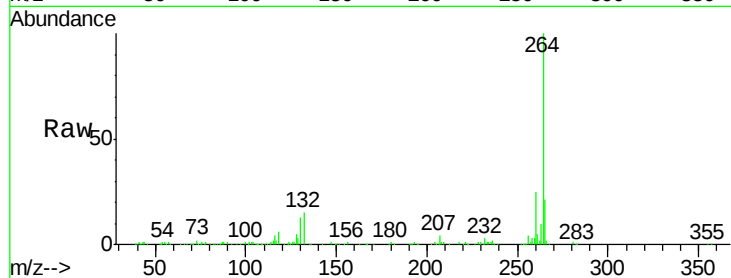




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.07 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

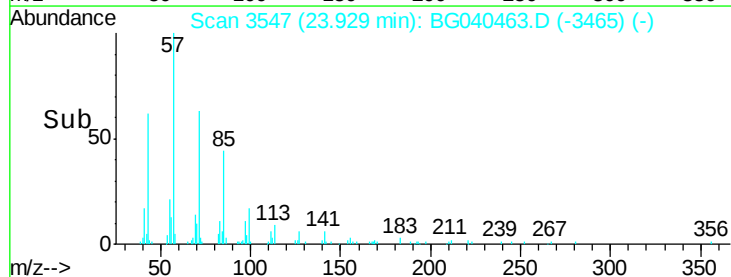
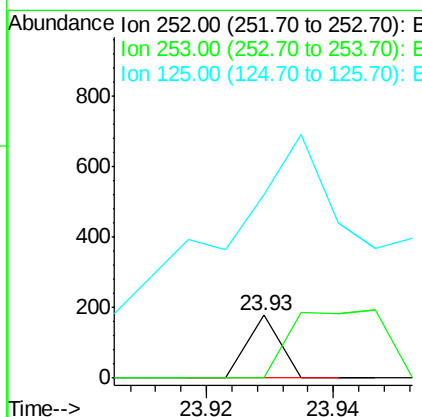
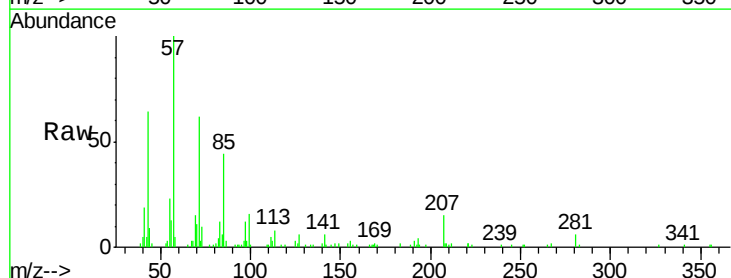
Instrument :
BNA_G
ClientSampleId :

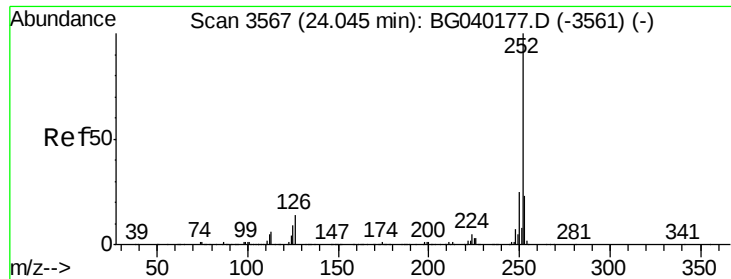
Tot Ion:264 Resp: 258702
Ion Ratio Lower Upper
264 100
260 24.8 17.9 26.9
265 21.0 16.8 25.2



#88
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.05 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

Tgt Ion:252 Resp: 63
Ion Ratio Lower Upper
252 100
253 0.0 17.6 26.4#
125 292.1 8.2 12.4#

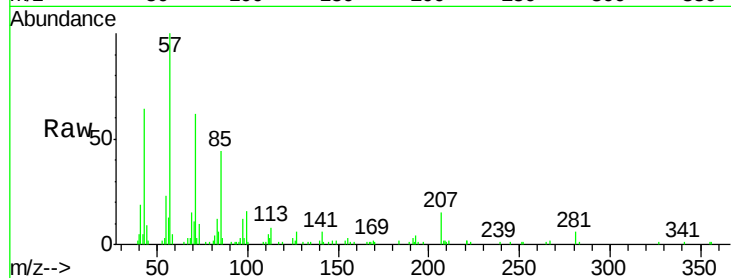




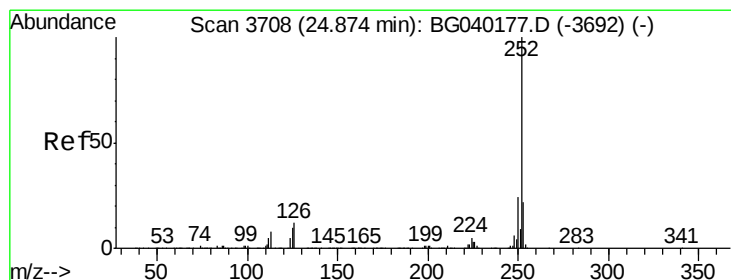
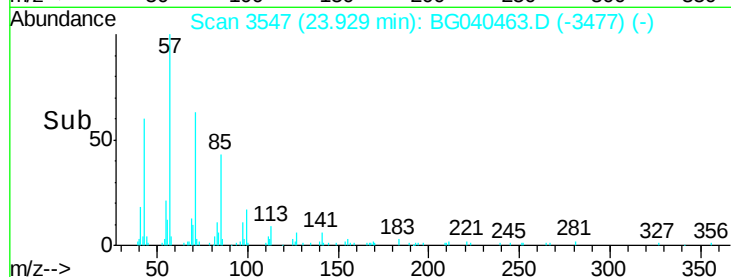
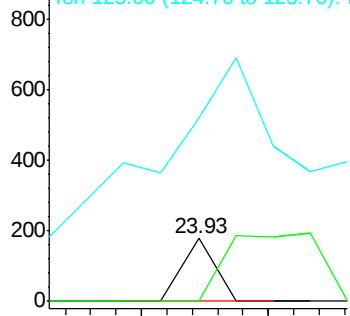
#89
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.12 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 63
Ion Ratio Lower Upper
252 100
253 0.0 18.6 28.0#
125 292.1 7.3 10.9#

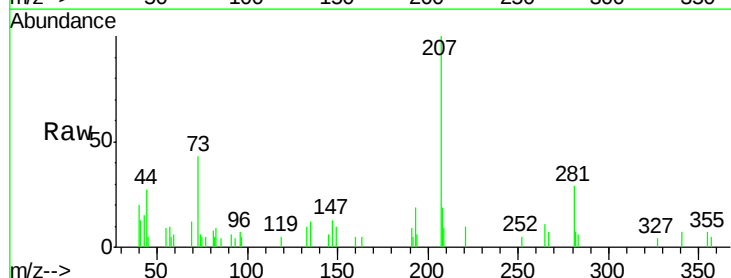


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

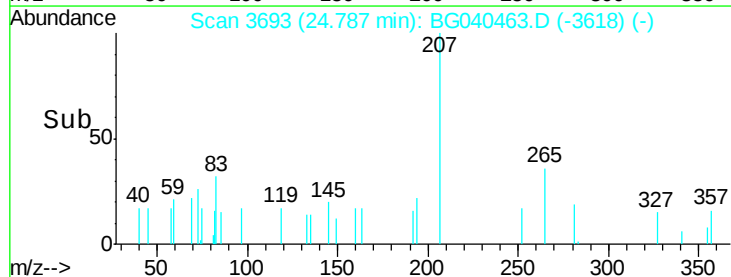
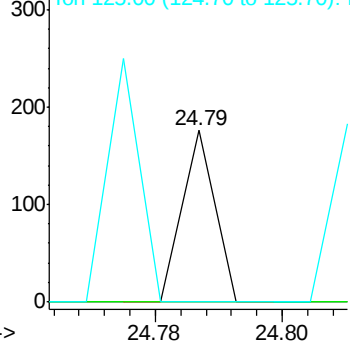


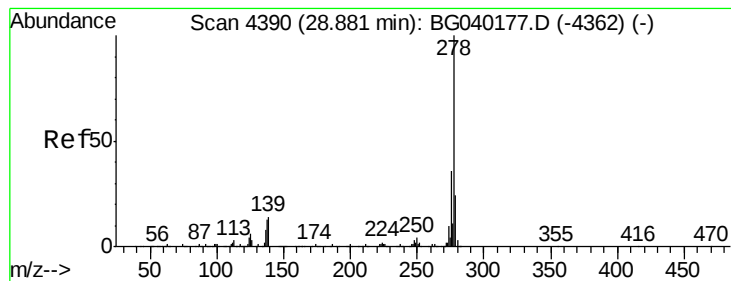
#90
Benzo(a)pyrene
Concen: 0.004 ng
RT: 24.79 min Scan# 3693
Delta R.T. -0.09 min
Lab File: BG040463.D
Acq: 12 Apr 2019 16:08

Tgt Ion:252 Resp: 62
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.8#
125 0.0 8.3 12.5#



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: 0.004 ng

RT: 28.76 min Scan# 4370

Delta R.T. -0.12 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

Instrument :

BNA_G

ClientSampleId :

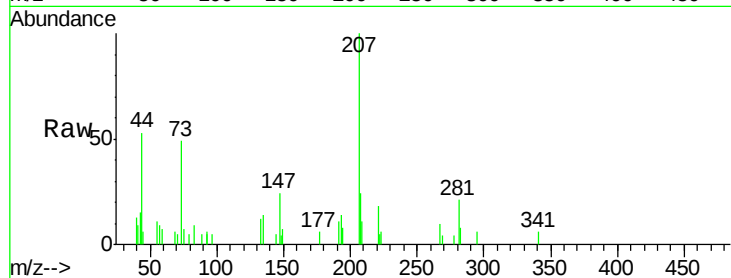
Tot Ion:278 Resp: 53

Ion Ratio Lower Upper

278 100

139 0.0 11.2 16.8#

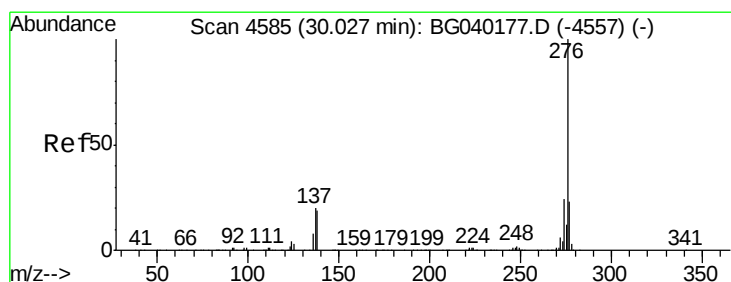
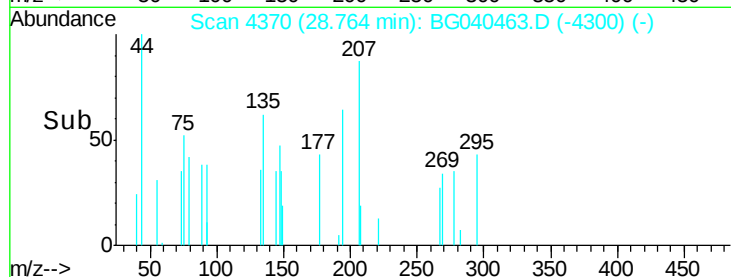
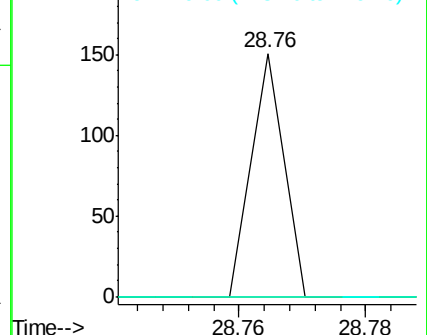
279 0.0 18.9 28.3#



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(g,h,i)perylene

Concen: 0.004 ng

RT: 29.90 min Scan# 4563

Delta R.T. -0.13 min

Lab File: BG040463.D

Acq: 12 Apr 2019 16:08

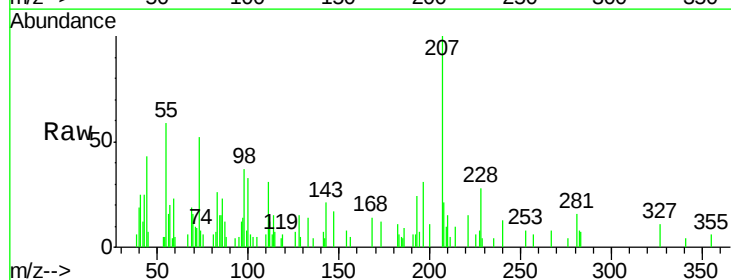
Tgt Ion:276 Resp: 60

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 0.0 15.2 22.8#



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

