

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041152.D
 Acq On : 9 Jun 2019 4:10
 Operator : HP/JU
 Sample : SOILBS01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 23:04:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	21805	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	92587	20.00	ng	-0.03
39) Acenaphthene-d10	14.74	164	72823	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	181781	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	178780	20.00	ng	-0.03
87) Perylene-d12	25.08	264	183712	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	192069	158.84	ng	-0.02
7) Phenol-d6	7.25	99	278210	148.97	ng	-0.01
23) Nitrobenzene-d5	9.28	82	189716	90.97	ng	-0.03
42) 2,4,6-Tribromophenol	16.23	330	158150	146.29	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	465257	92.01	ng	-0.03
79) Terphenyl-d14	20.07	244	854732	101.47	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	33687	61.392	ng	# 91
3) Pyridine	3.90	79	93551	57.617	ng	98
4) n-Nitrosodimethylamine	3.83	42	50514	67.034	ng	90
6) Aniline	7.42	93	103442	41.497	ng	95
8) 2-Chlorophenol	7.66	128	111021	77.011	ng	96
9) Benzaldehyde	7.24	77	31539	28.310	ng	91
10) Phenol	7.28	94	149924	74.873	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	96332	66.316	ng	98
12) 1,3-Dichlorobenzene	7.99	146	112814	65.520	ng	97
13) 1,4-Dichlorobenzene	8.14	146	115356	66.187	ng	100
14) 1,2-Dichlorobenzene	8.46	146	110516	65.308	ng	98
15) Benzyl Alcohol	8.35	79	122236	70.757	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	145806	61.426	ng	98
17) 2-Methylphenol	8.54	107	104405	72.013	ng	98
18) Hexachloroethane	9.19	117	43883	65.328	ng	99
19) n-Nitroso-di-n-propylamine	8.91	70	89688	62.406	ng	99
20) 3+4-Methylphenols	8.87	107	144850	72.127	ng	99
22) Acetophenone	8.93	105	177645	68.398	ng	# 98
24) Nitrobenzene	9.33	77	147006	69.166	ng	97
25) Isophorone	9.84	82	267133	67.304	ng	99
26) 2-Nitrophenol	10.04	139	66744	76.175	ng	94
27) 2,4-Dimethylphenol	10.08	122	115739	79.980	ng	92
28) bis(2-Chloroethoxy)methane	10.32	93	142713	66.620	ng	99
29) 2,4-Dichlorophenol	10.57	162	137263	74.696	ng	95
30) 1,2,4-Trichlorobenzene	10.78	180	142439	68.137	ng	96
31) Naphthalene	10.98	128	351871	70.784	ng	100
32) Benzoic acid	10.22	122	73676	62.517	ng	96
33) 4-Chloroaniline	11.09	127	85838	37.215	ng	97
34) Hexachlorobutadiene	11.24	225	103236	64.541	ng	99
35) Caprolactam	11.88	113	31832	52.456	ng	# 82
36) 4-Chloro-3-methylphenol	12.19	107	157489	75.042	ng	97
37) 2-Methylnaphthalene	12.57	142	277720	72.538	ng	99
38) 1-Methylnaphthalene	12.79	142	265620	73.623	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	202433	68.968	ng	99

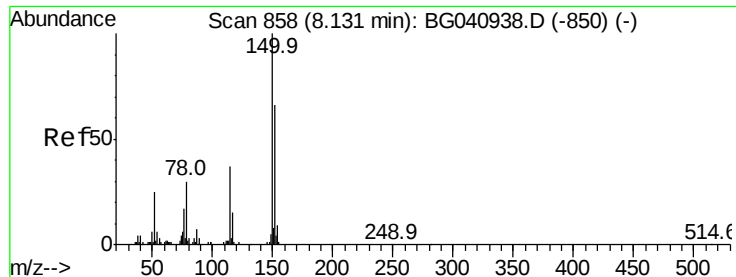
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041152.D
 Acq On : 9 Jun 2019 4:10
 Operator : HP/JU
 Sample : SOILBS01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 23:04:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	219951	133.290	ng	98
43) 2,4,6-Trichlorophenol	13.18	196	134887	71.038	ng	97
44) 2,4,5-Trichlorophenol	13.25	196	147989	73.901	ng	98
46) 1,1'-Biphenyl	13.57	154	382677	70.991	ng	99
47) 2-Chloronaphthalene	13.62	162	320386	69.233	ng	97
48) 2-Nitroaniline	13.83	65	114056	68.702	ng	99
49) Acenaphthylene	14.46	152	507282	72.834	ng	100
50) Dimethylphthalate	14.19	163	417522	67.730	ng	98
51) 2,6-Dinitrotoluene	14.32	165	95912	72.162	ng	95
52) Acenaphthene	14.80	154	295286	69.985	ng	99
53) 3-Nitroaniline	14.65	138	66716	50.197	ng	# 89
54) 2,4-Dinitrophenol	14.86	184	101016	120.463	ng	99
55) Dibenzofuran	15.13	168	513146	72.278	ng	99
56) 4-Nitrophenol	14.95	139	144088	158.057	ng	98
57) 2,4-Dinitrotoluene	15.10	165	140107	74.625	ng	98
58) Fluorene	15.78	166	415267	73.446	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	157637	80.101	ng	95
60) Diethylphthalate	15.54	149	432480	68.745	ng	97
61) 4-Chlorophenyl-phenylether	15.77	204	257883	70.172	ng	93
62) 4-Nitroaniline	15.81	138	95495	67.869	ng	94
63) Azobenzene	16.06	77	406163	71.034	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	79743	75.804	ng	94
66) n-Nitrosodiphenylamine	15.98	169	370310	72.467	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	166957	68.057	ng	98
68) Hexachlorobenzene	16.78	284	177256	67.855	ng	97
69) Atrazine	16.92	200	160200	81.248	ng	97
70) Pentachlorophenol	17.12	266	196765	137.383	ng	96
71) Phenanthrene	17.52	178	708466	74.822	ng	99
72) Anthracene	17.62	178	715110	76.575	ng	99
73) Carbazole	17.89	167	620400	77.425	ng	100
74) Di-n-butylphthalate	18.42	149	725102	72.808	ng	99
75) Fluoranthene	19.53	202	901357	77.069	ng	99
77) Benzidine	19.71	184	287700	67.458	ng	97
78) Pyrene	19.89	202	909190	78.231	ng	99
80) Butylbenzylphthalate	20.76	149	338789	74.908	ng	97
81) Benzo(a)anthracene	21.74	228	870096	73.113	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	219566	52.455	ng	97
83) Chrysene	21.81	228	859771	75.495	ng	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	470128	73.841	ng	98
85) Di-n-octyl phthalate	22.85	149	791693	74.664	ng	99
86) Indeno(1,2,3-cd)pyrene	28.90	276	1020585	73.157	ng	# 95
88) Benzo(b)fluoranthene	24.02	252	871222	78.187	ng	100
89) Benzo(k)fluoranthene	24.09	252	872229	79.103	ng	99
90) Benzo(a)pyrene	24.93	252	862709	81.150	ng	97
91) Dibenzo(a,h)anthracene	28.97	278	839664	79.045	ng	98
92) Benzo(g,h,i)perylene	30.10	276	773675	74.967	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampled :

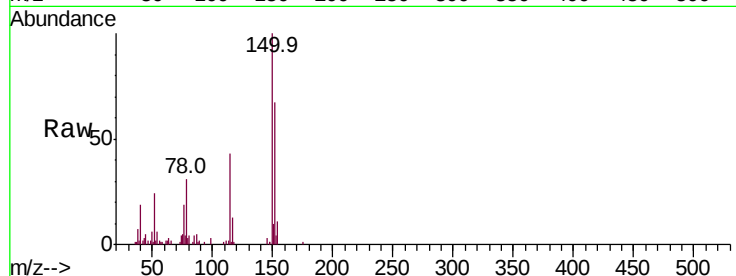
Tot Ion:152 Resp: 21805

Ion Ratio Lower Upper

152 100

150 150.3 120.6 180.8

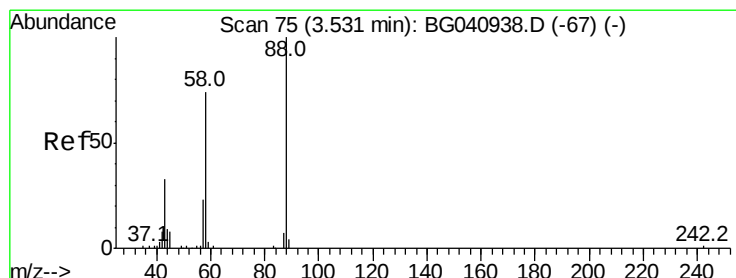
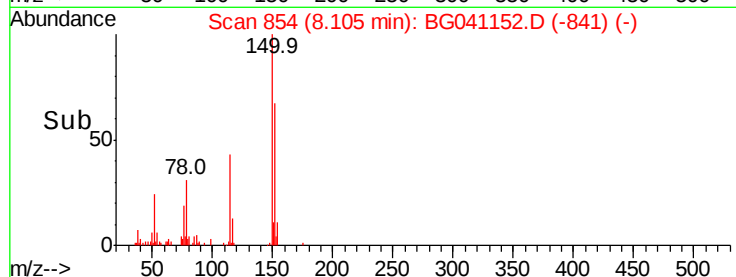
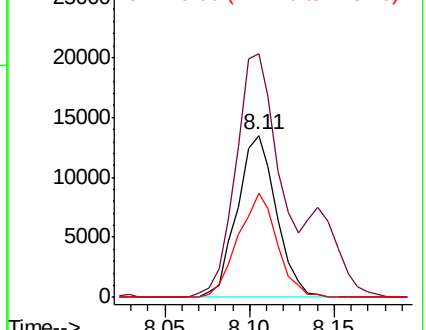
115 64.1 45.1 67.7



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: 61.392 ng

RT: 3.49 min Scan# 69

Delta R.T. -0.04 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

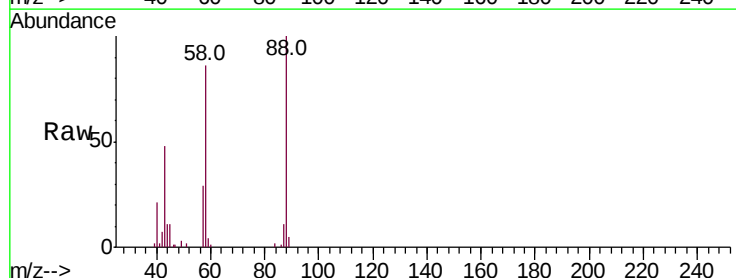
Tgt Ion: 88 Resp: 33687

Ion Ratio Lower Upper

88 100

58 77.6 59.0 88.6

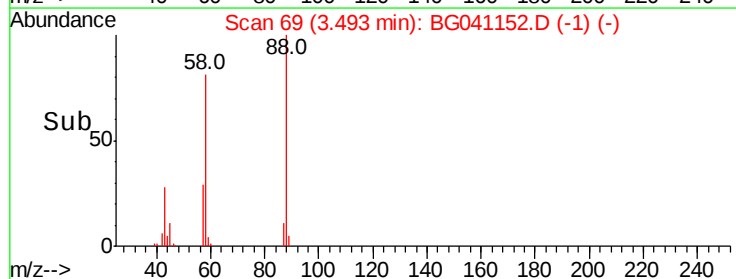
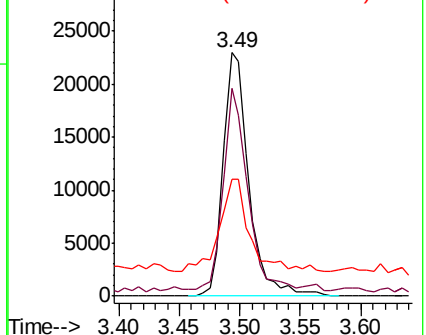
43 44.3 27.2 40.8#

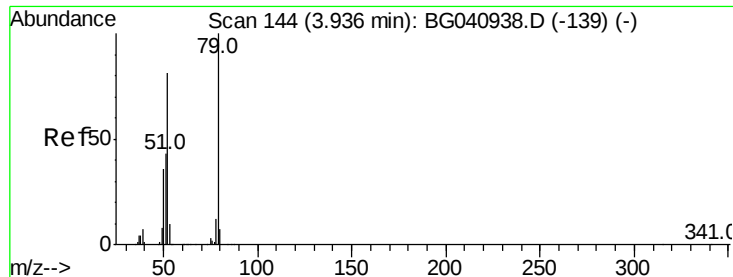


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 57.617 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

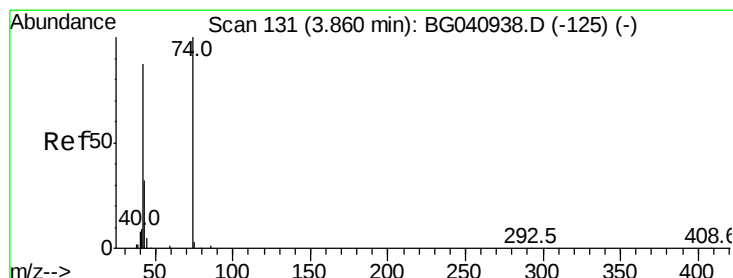
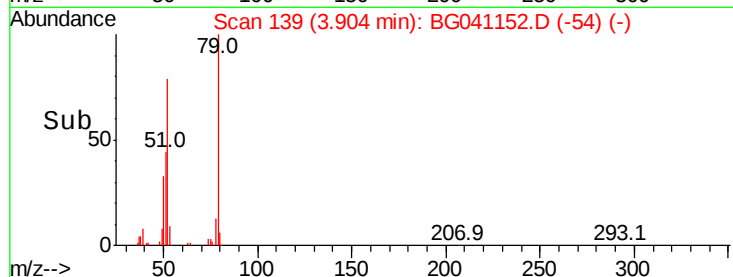
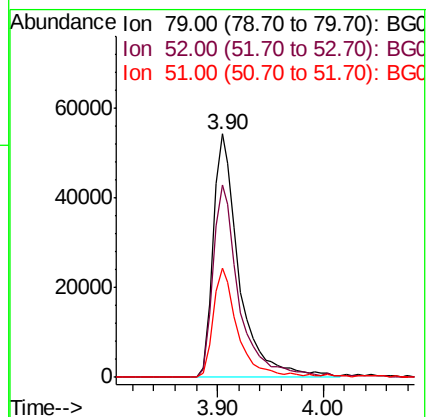
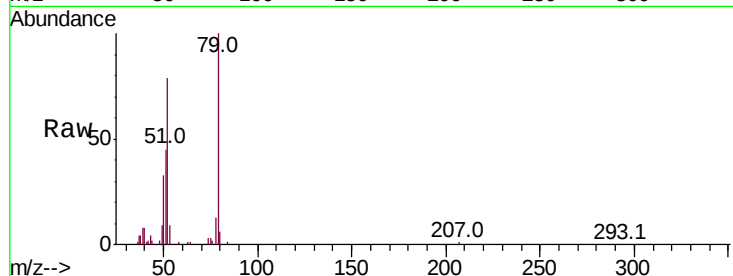
Tot Ion: 79 Resp: 93551

Ion Ratio Lower Upper

79 100

52 79.2 64.8 97.2

51 44.8 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 67.034 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

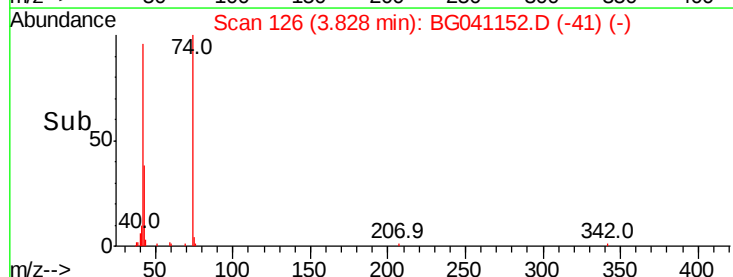
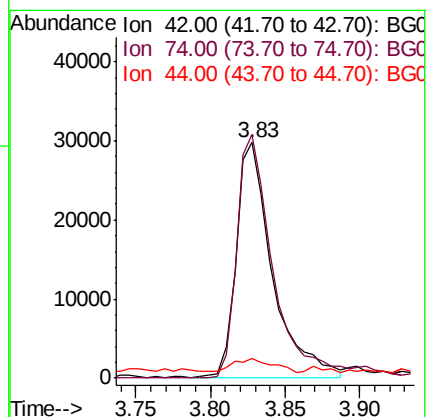
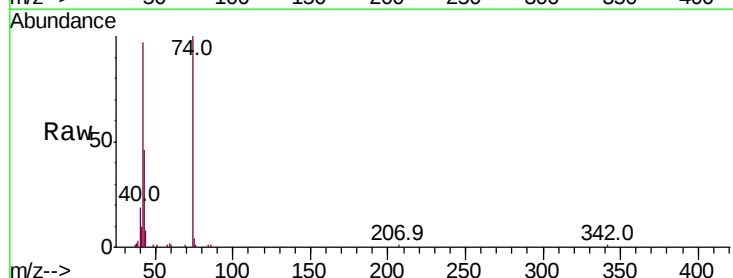
Tgt Ion: 42 Resp: 50514

Ion Ratio Lower Upper

42 100

74 103.2 91.8 137.6

44 8.4 6.0 9.0





#5

2-Fluorophenol

Concen: 158.836 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

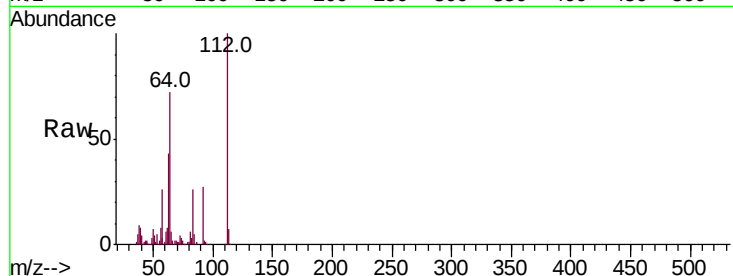
Tot Ion:112 Resp: 192069

Ion Ratio Lower Upper

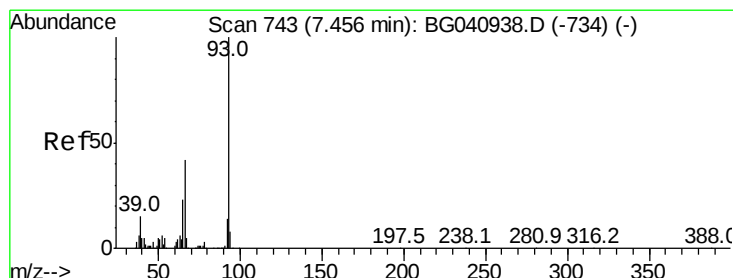
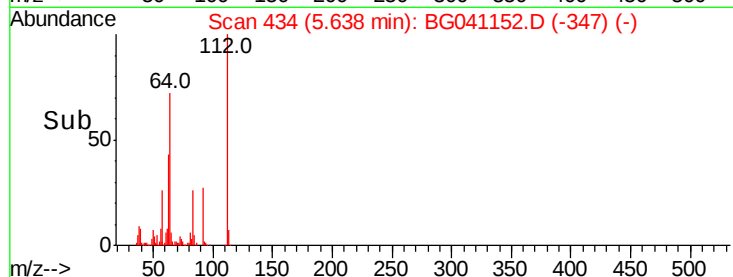
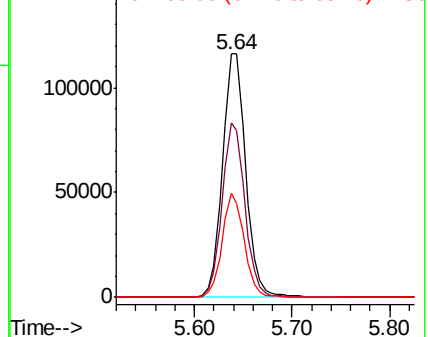
112 100

64 71.7 56.2 84.2

63 42.6 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.497 ng

RT: 7.42 min Scan# 738

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

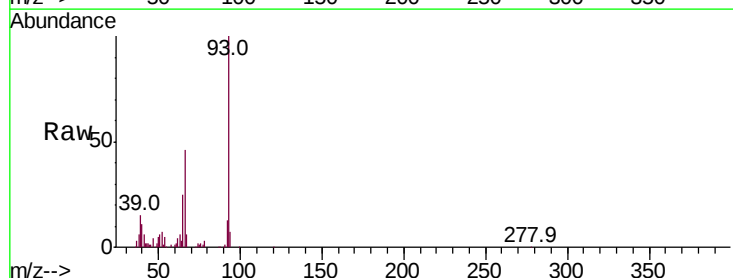
Tgt Ion: 93 Resp: 103442

Ion Ratio Lower Upper

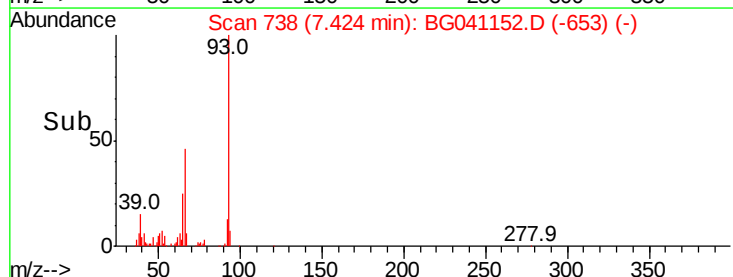
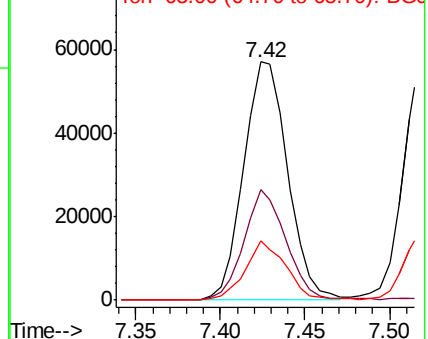
93 100

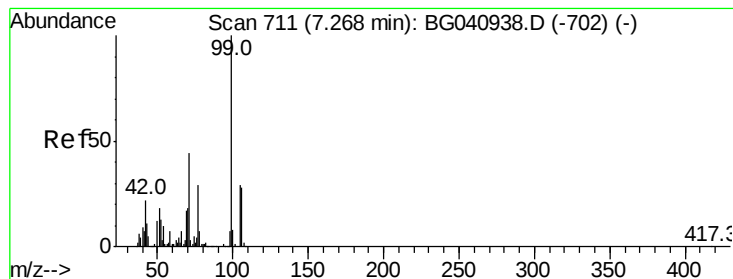
66 46.3 33.8 50.8

65 24.7 18.3 27.5



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: 148.972 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

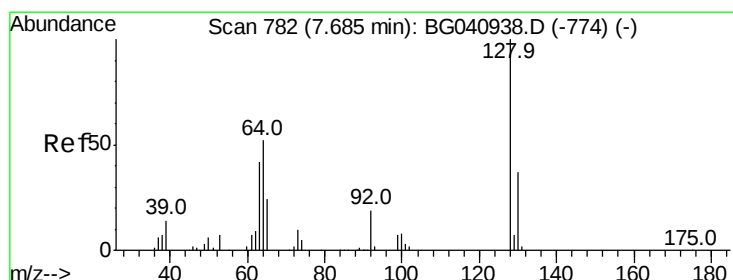
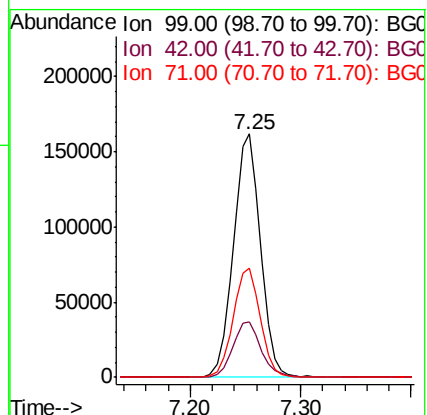
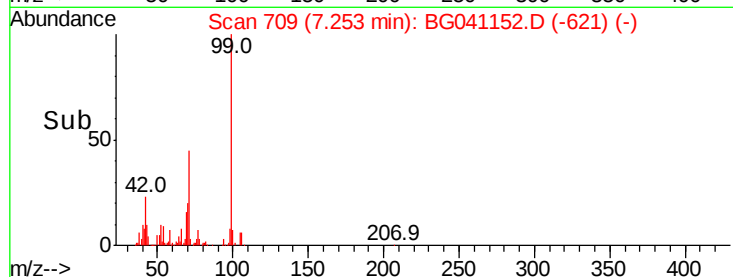
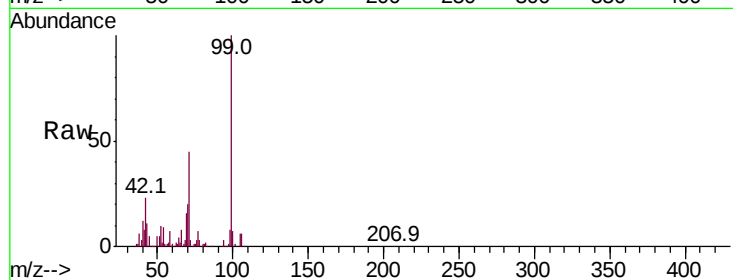
Tot Ion: 99 Resp: 278210

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

71 44.9 35.4 53.0



#8

2-Chlorophenol

Concen: 77.011 ng

RT: 7.66 min Scan# 779

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

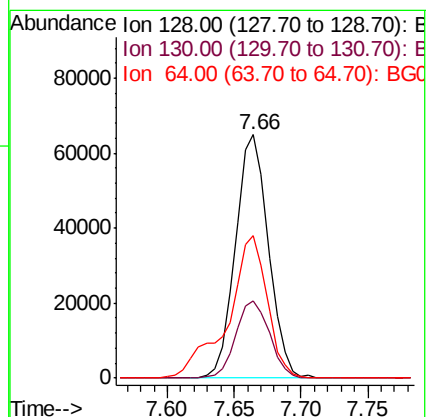
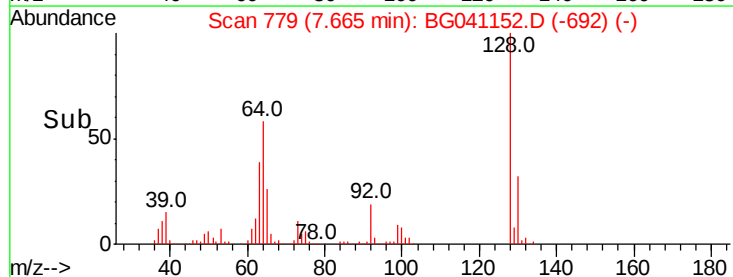
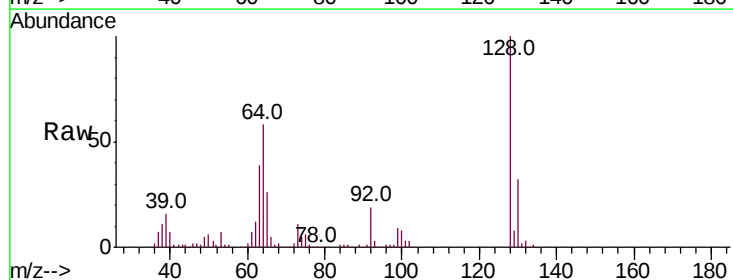
Tgt Ion: 128 Resp: 111021

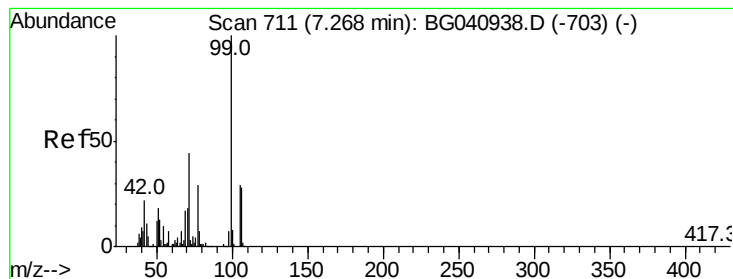
Ion Ratio Lower Upper

128 100

130 31.6 16.6 56.6

64 58.3 37.8 77.8





#9

Benzaldehyde

Concen: 28.310 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

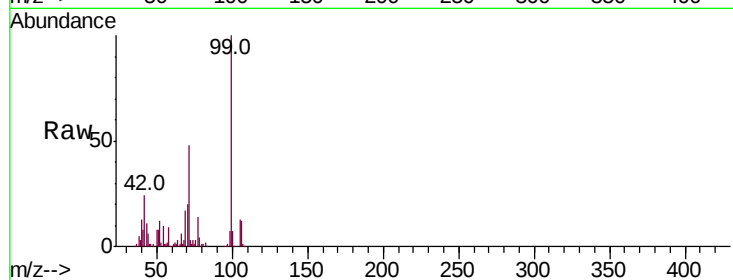
Tot Ion: 77 Resp: 31539

Ion Ratio Lower Upper

77 100

105 93.9 78.9 118.9

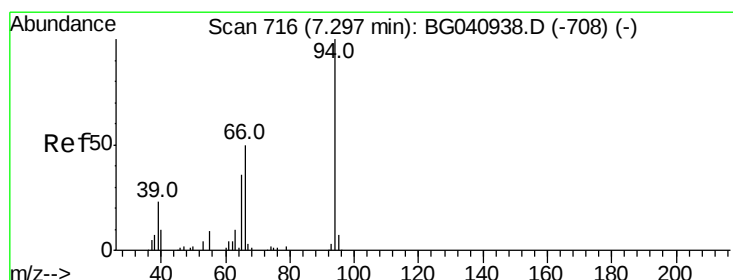
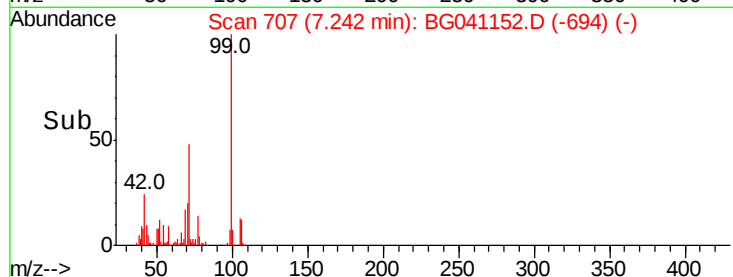
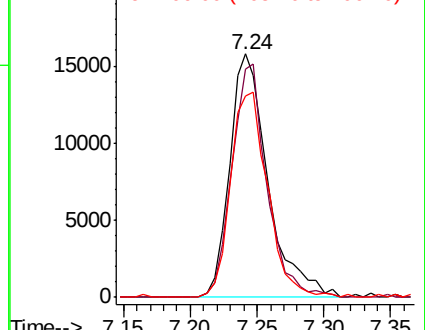
106 82.9 76.7 116.7



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: 74.873 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

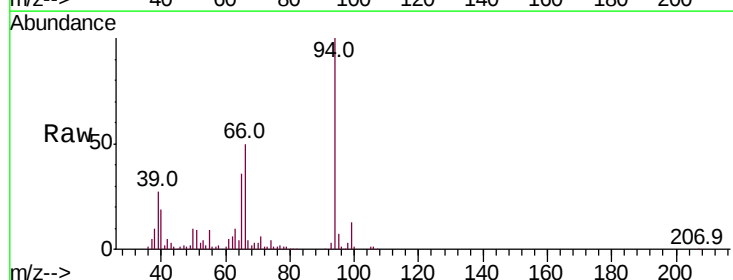
Tgt Ion: 94 Resp: 149924

Ion Ratio Lower Upper

94 100

65 36.1 17.0 57.0

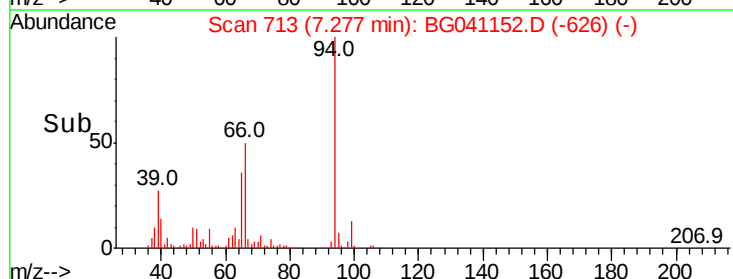
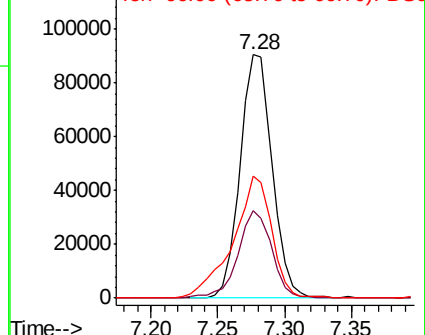
66 50.4 32.4 72.4

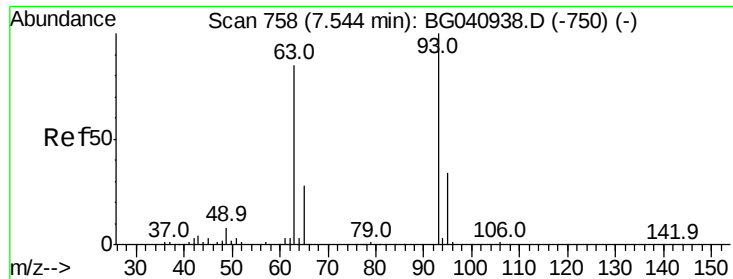


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

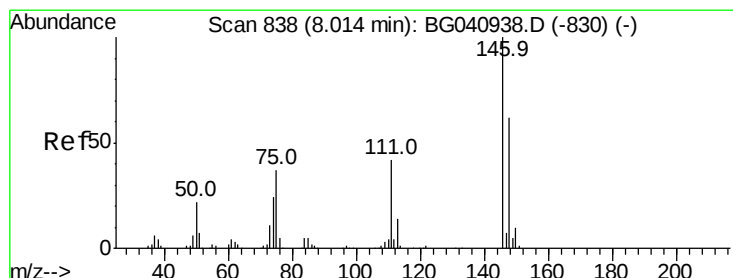
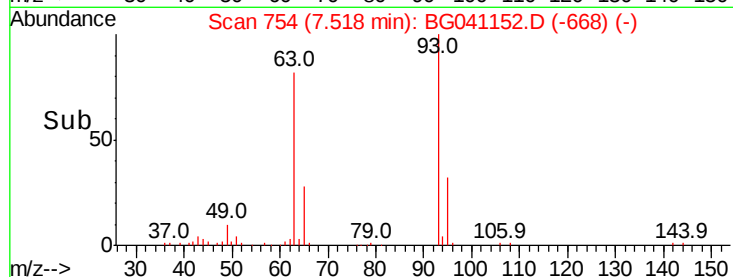
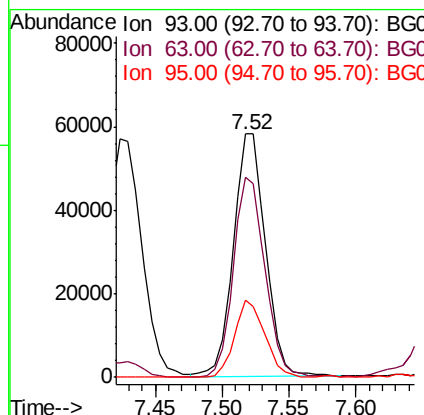
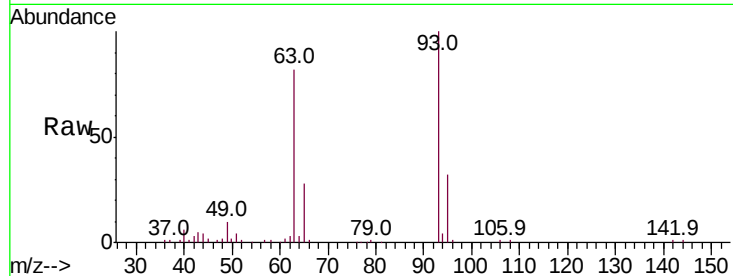




#11
 bis(2-Chloroethyl)ether
 Concen: 66.316 ng
 RT: 7.52 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BG041152.D
 Acq: 9 Jun 2019 4:10

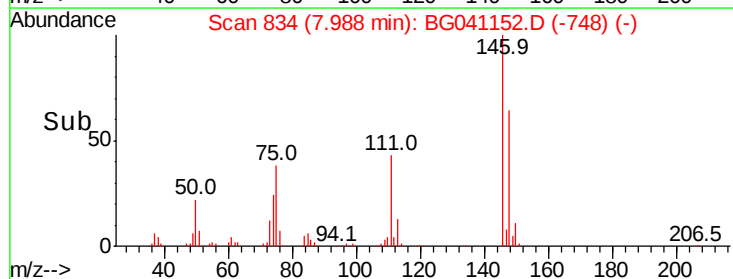
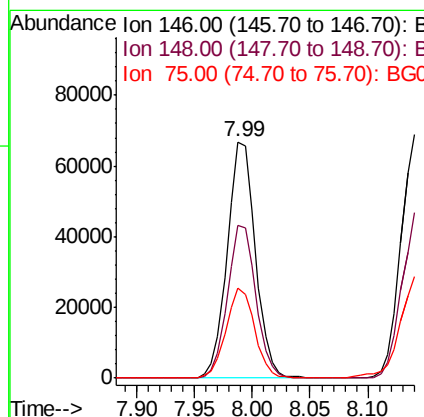
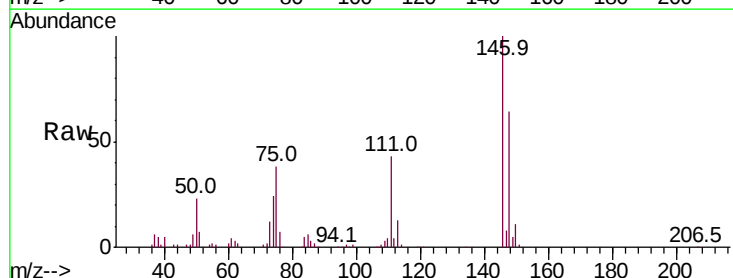
Instrument :
 BNA_G
 ClientSampleId :

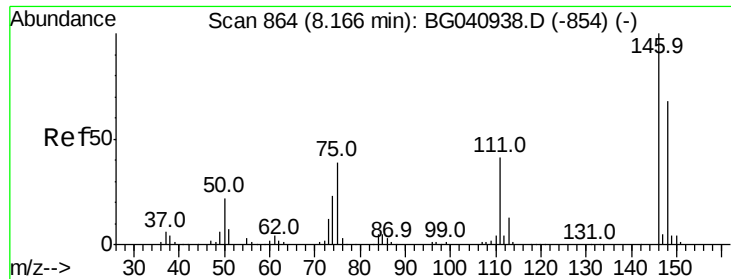
Tot Ion: 93 Resp: 96332
 Ion Ratio Lower Upper
 93 100
 63 82.2 64.5 104.5
 95 31.9 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 65.520 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BG041152.D
 Acq: 9 Jun 2019 4:10

Tgt Ion: 146 Resp: 112814
 Ion Ratio Lower Upper
 146 100
 148 64.5 49.2 73.8
 75 38.0 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 66.187 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

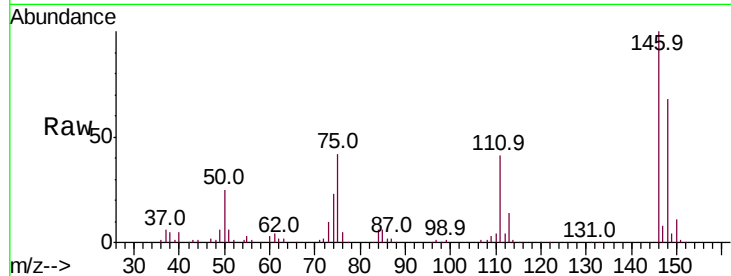
Tot Ion:146 Resp: 115356

Ion Ratio Lower Upper

146 100

148 67.8 54.2 81.4

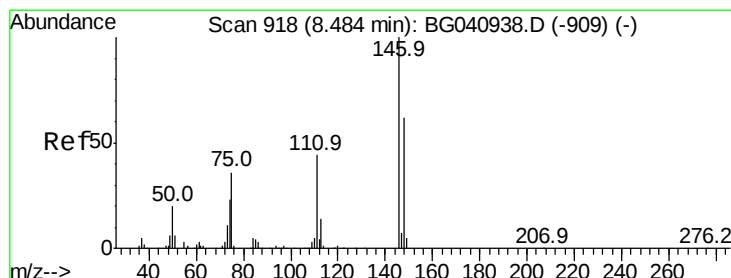
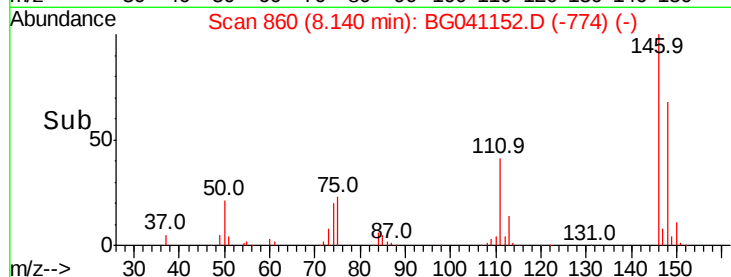
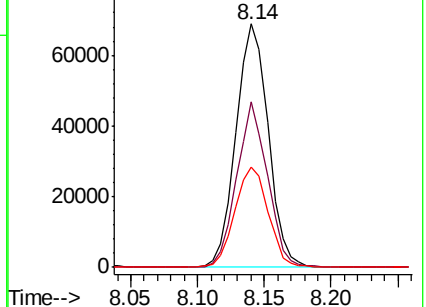
111 41.1 32.9 49.3



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: 65.308 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

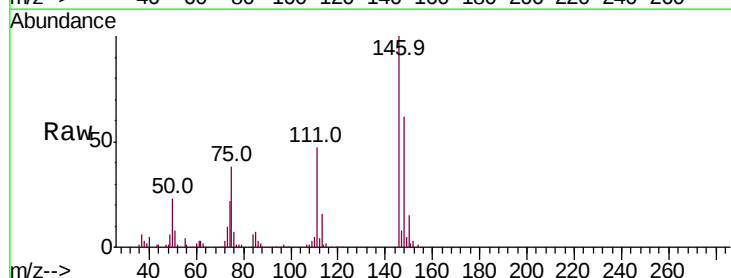
Tgt Ion:146 Resp: 110516

Ion Ratio Lower Upper

146 100

148 62.5 49.8 74.6

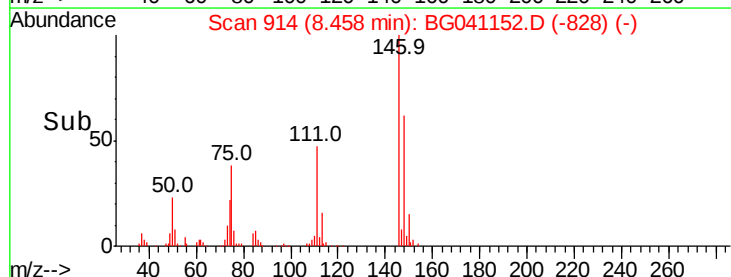
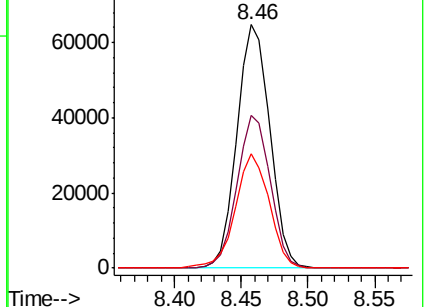
111 46.9 35.0 52.4

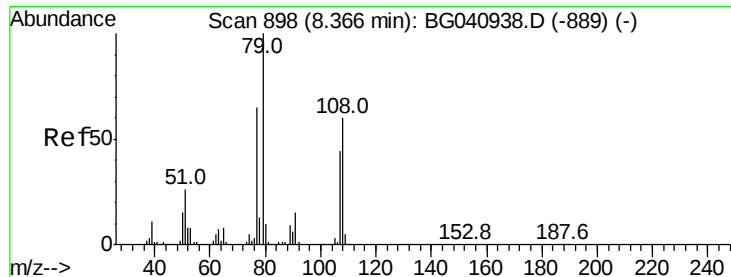


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 70.757 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

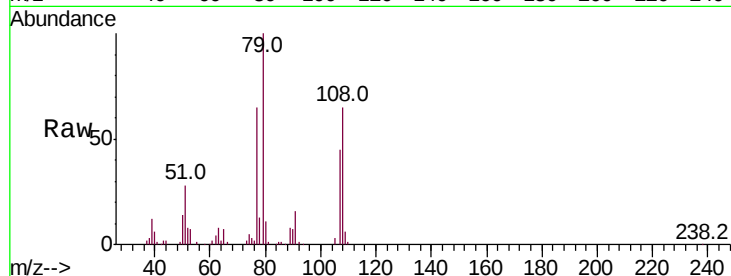
Tot Ion: 79 Resp: 122236

Ion Ratio Lower Upper

79 100

108 65.5 48.3 72.5

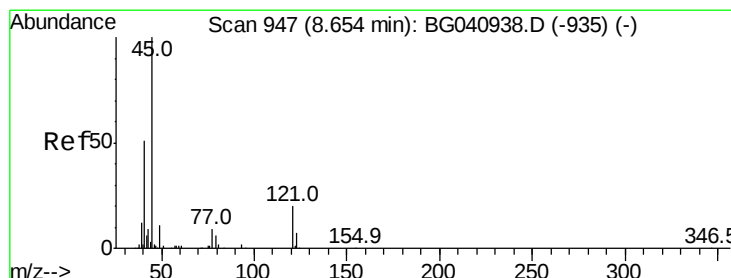
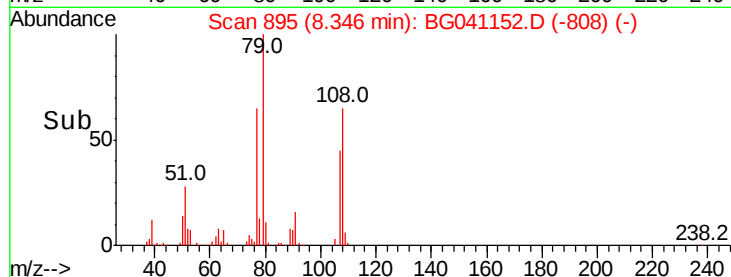
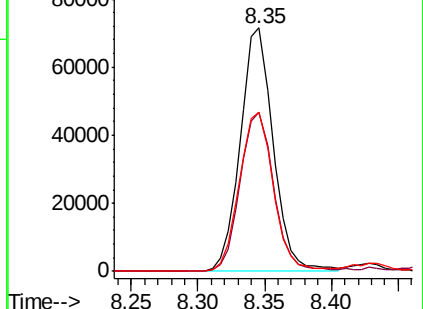
77 65.1 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 61.426 ng

RT: 8.63 min Scan# 943

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

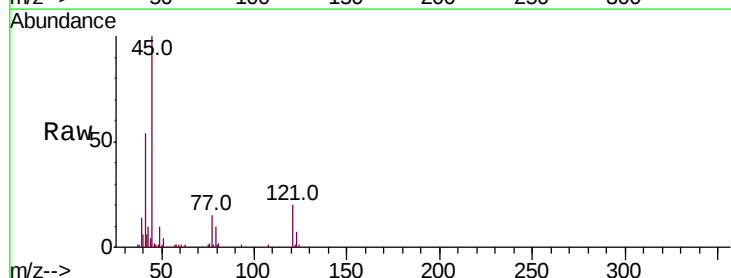
Tgt Ion: 45 Resp: 145806

Ion Ratio Lower Upper

45 100

77 14.6 0.0 33.7

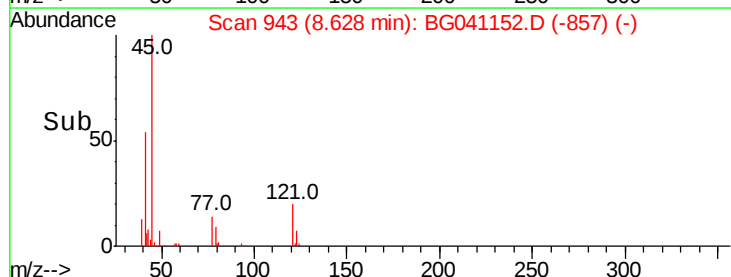
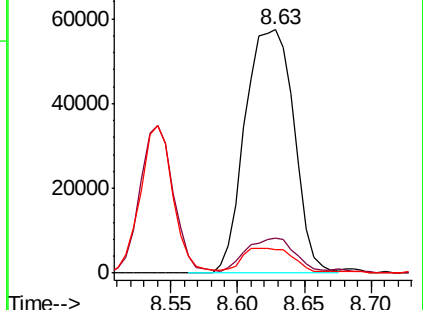
79 9.8 0.0 30.2

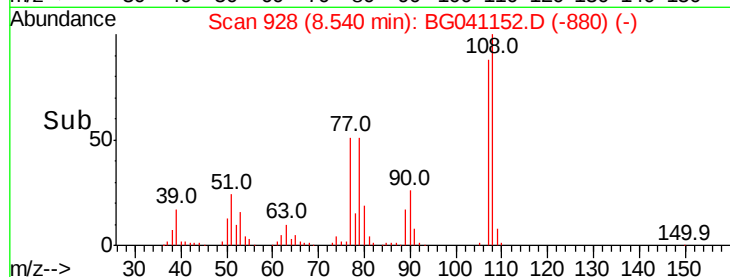
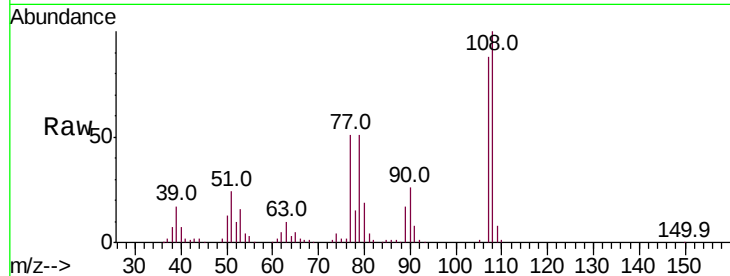
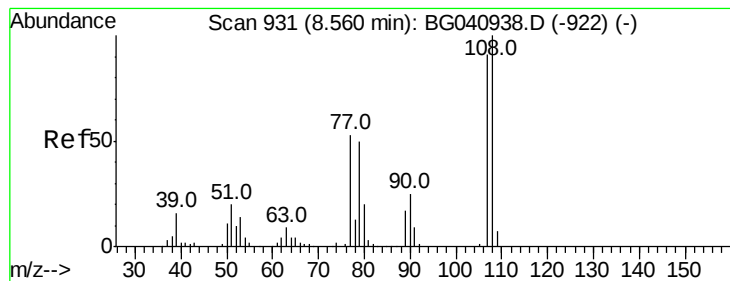


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 72.013 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 104405

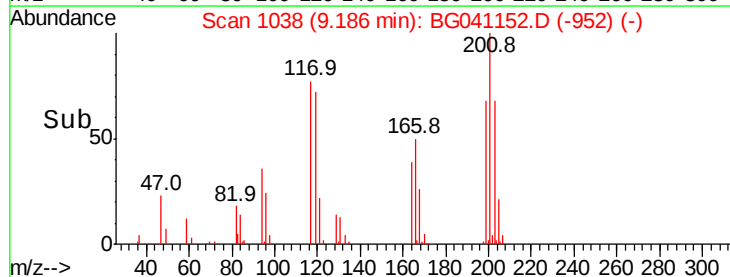
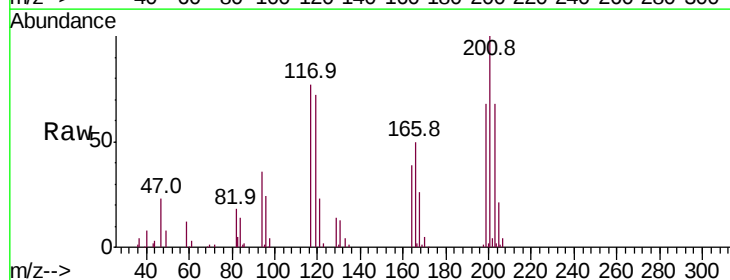
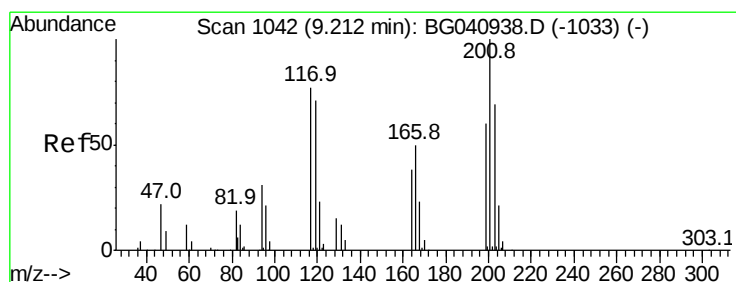
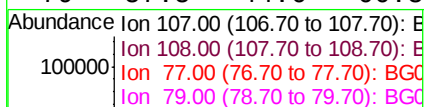
Ion Ratio Lower Upper

107 100

108 113.2 87.7 131.5

77 57.7 46.6 70.0

79 57.5 44.6 66.8



#18

Hexachloroethane

Concen: 65.328 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

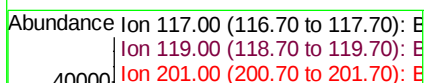
Tgt Ion:117 Resp: 43883

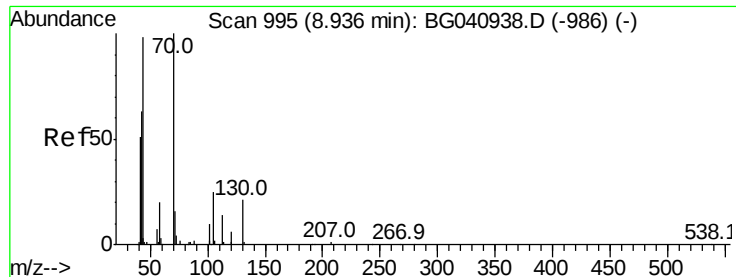
Ion Ratio Lower Upper

117 100

119 93.0 75.0 112.6

201 130.0 103.5 155.3





#19

n-Nitroso-di-n-propylamine

Concen: 62.406 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 89688

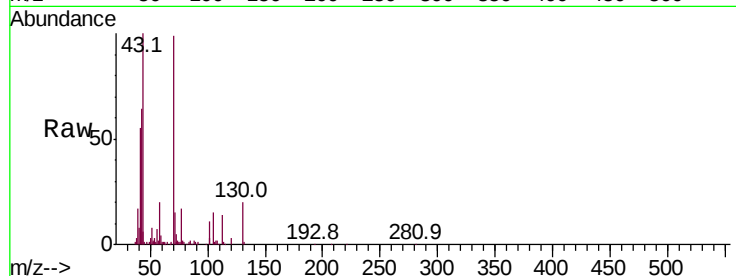
Ion Ratio Lower Upper

70 100

42 64.8 51.5 77.3

101 10.9 8.1 12.1

130 20.5 16.6 24.8

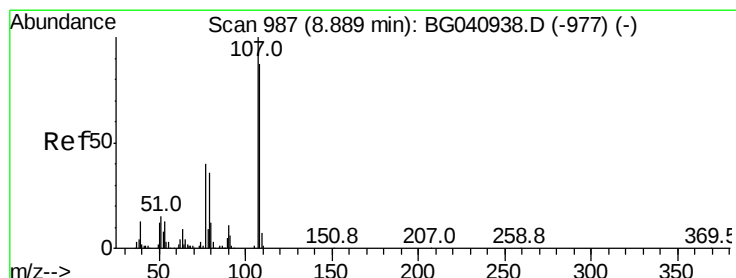
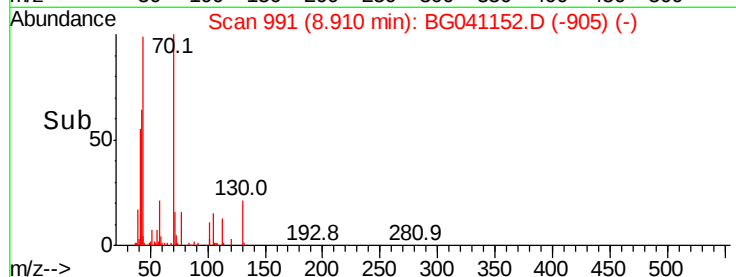
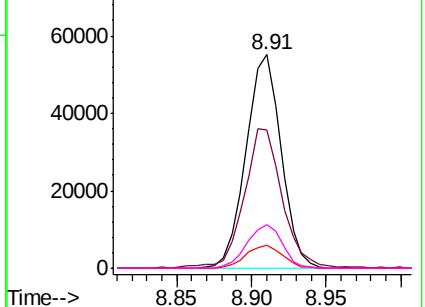


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 72.127 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Tgt Ion: 107 Resp: 144850

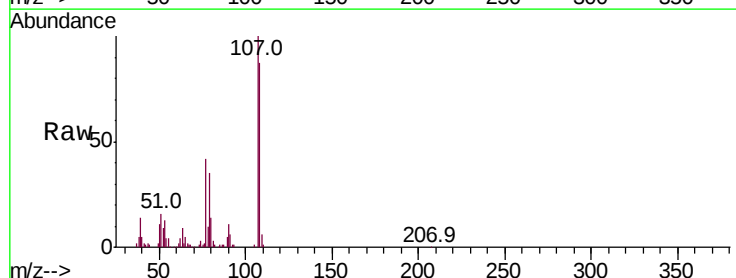
Ion Ratio Lower Upper

107 100

108 86.7 66.8 106.8

77 42.4 20.5 60.5

79 35.0 15.8 55.8

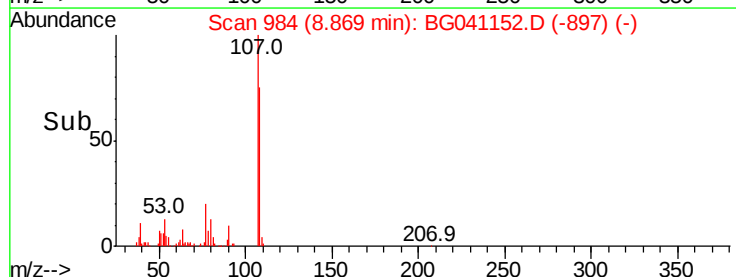
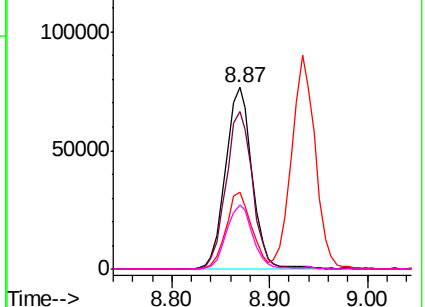


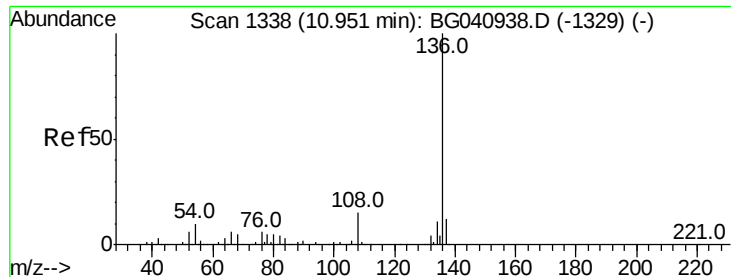
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 92587

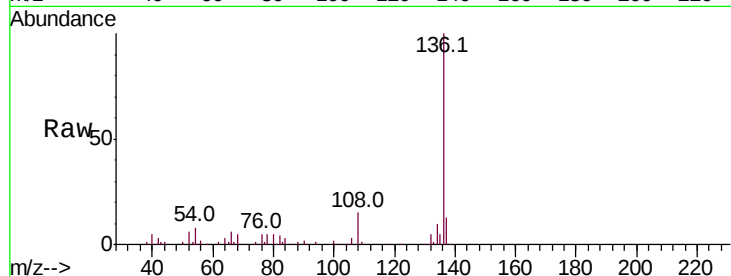
Ion Ratio Lower Upper

136 100

137 12.8 9.5 14.3

54 8.1 7.6 11.4

68 5.2 3.9 5.9



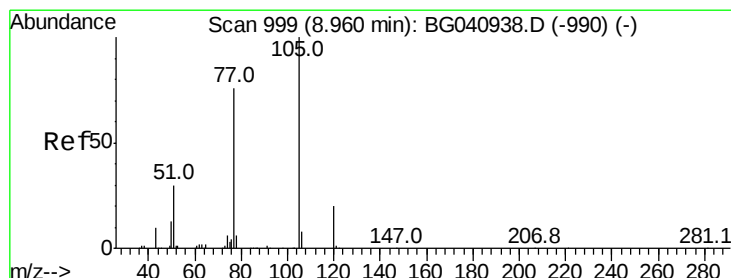
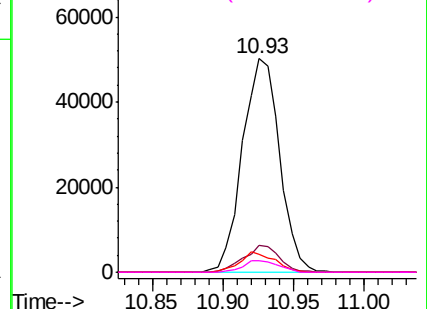
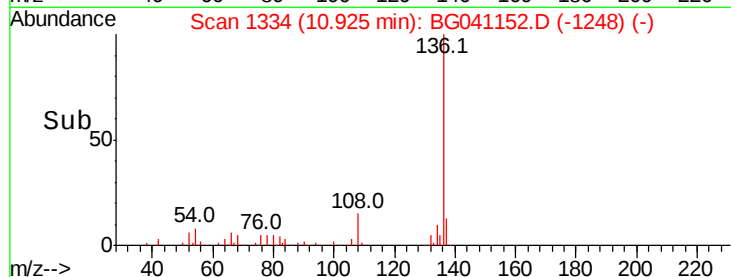
Abundance

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: 68.398 ng

RT: 8.93 min Scan# 995

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Tgt Ion:105 Resp: 177645

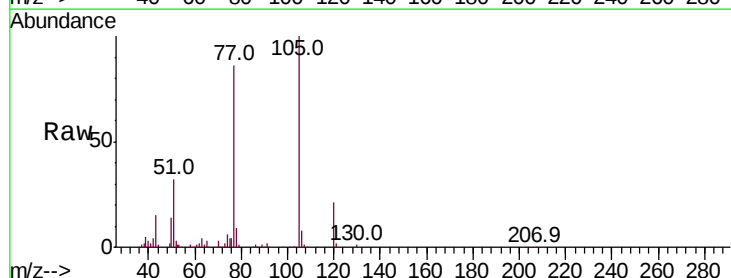
Ion Ratio Lower Upper

105 100

71 0.3 0.4 0.6#

51 32.4 27.0 40.6

120 20.7 16.2 24.4



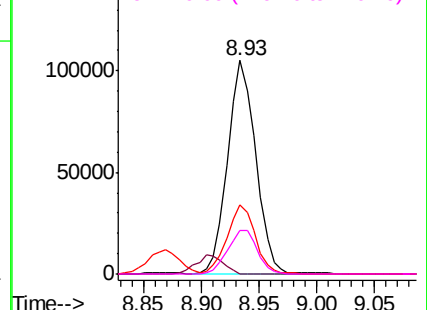
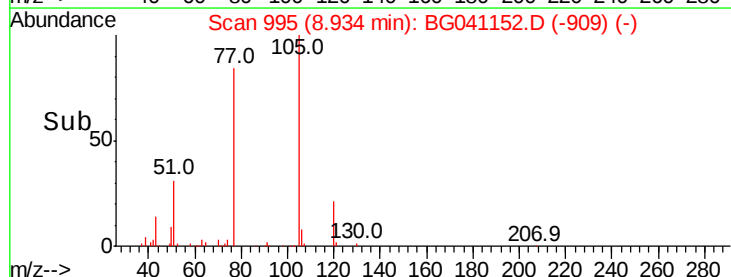
Abundance

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: 90.965 ng

RT: 9.28 min Scan# 1054

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

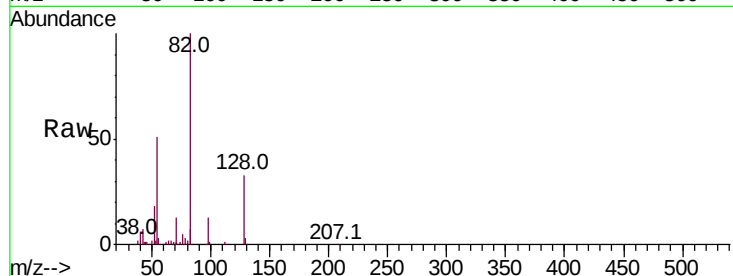
Tot Ion: 82 Resp: 189716

Ion Ratio Lower Upper

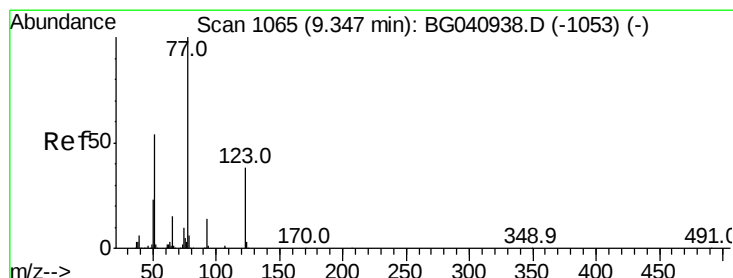
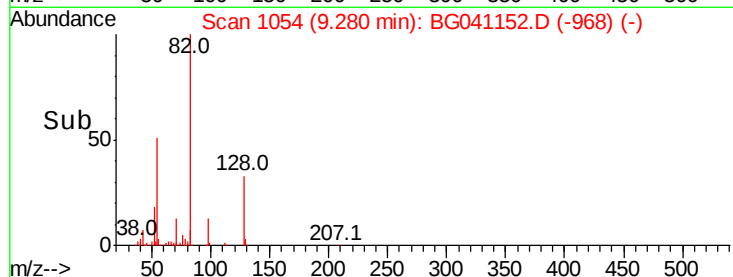
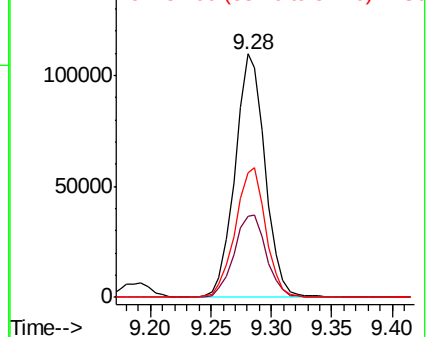
82 100

128 33.4 30.5 45.7

54 51.3 44.6 66.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 69.166 ng

RT: 9.33 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

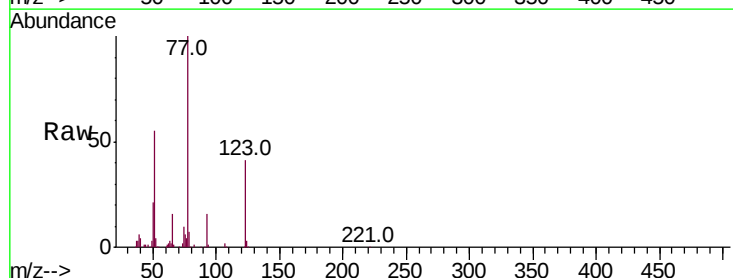
Tgt Ion: 77 Resp: 147006

Ion Ratio Lower Upper

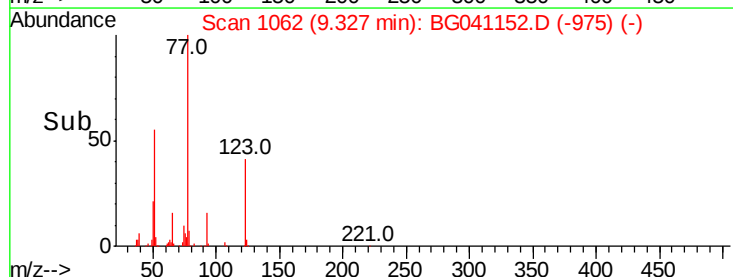
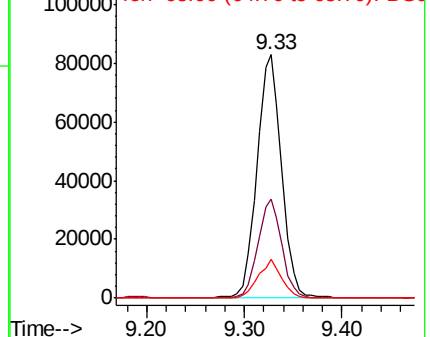
77 100

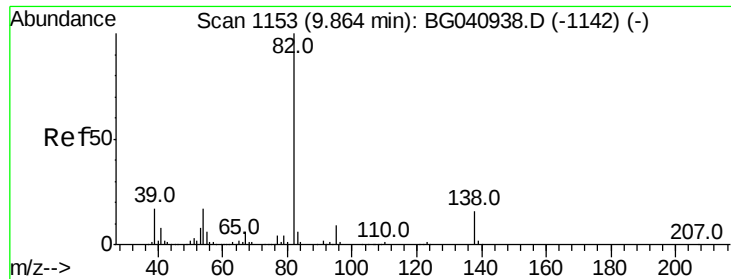
123 40.7 30.6 46.0

65 15.8 12.3 18.5



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: 67.304 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

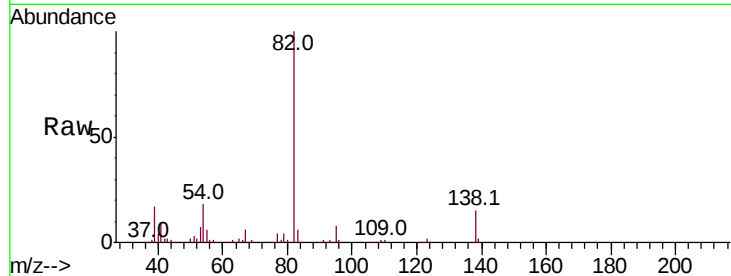
Tot Ion: 82 Resp: 267133

Ion Ratio Lower Upper

82 100

95 8.0 7.0 10.4

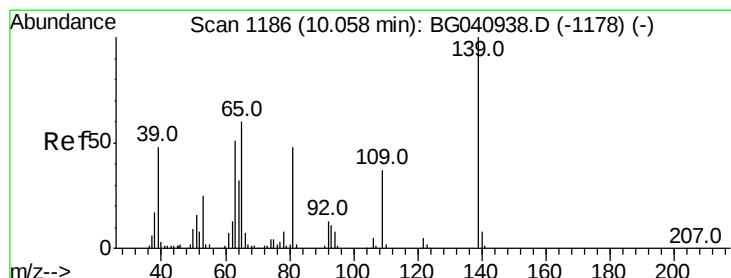
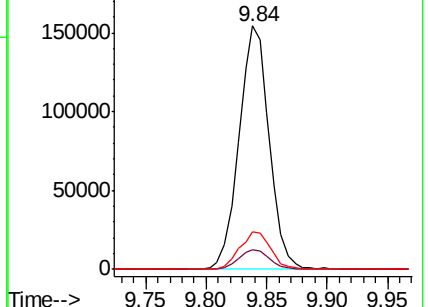
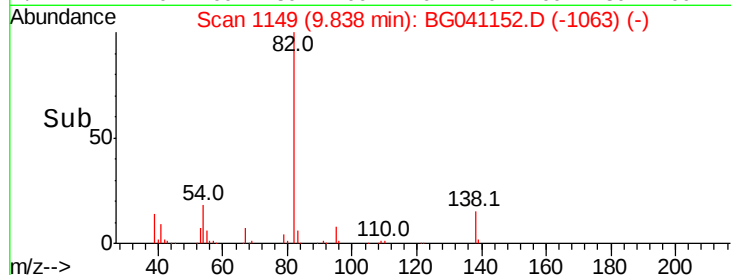
138 15.4 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BG040938.D (-1142) (-)

Ion 95.00 (94.70 to 95.70): BG040938.D (-1142) (-)

Ion 138.00 (137.70 to 138.70): BG040938.D (-1142) (-)



#26

2-Nitrophenol

Concen: 76.175 ng

RT: 10.04 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

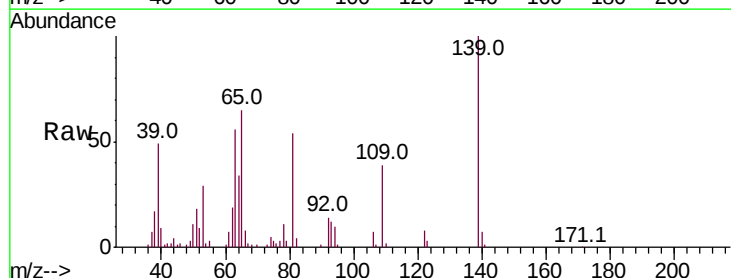
Tgt Ion: 139 Resp: 66744

Ion Ratio Lower Upper

139 100

109 39.4 29.8 44.6

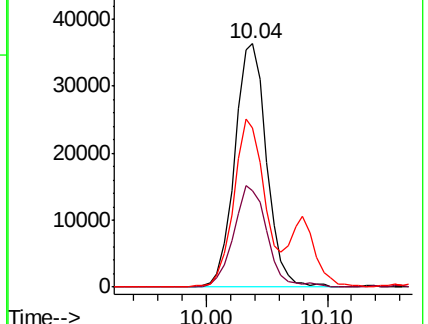
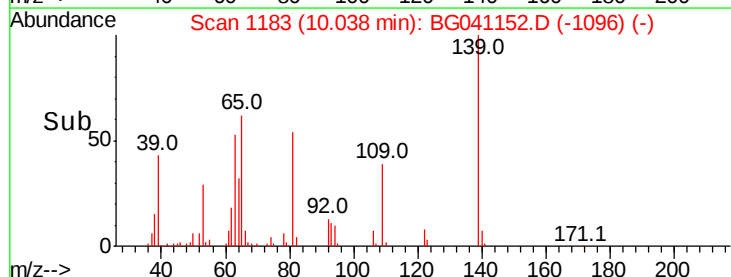
65 65.2 47.8 71.6

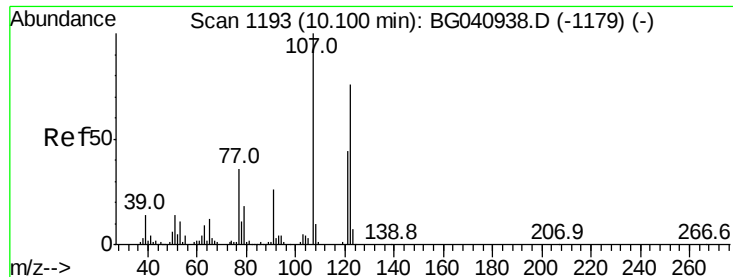


Abundance Ion 139.00 (138.70 to 139.70): BG040938.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BG040938.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BG040938.D (-1178) (-)





#27

2,4-Dimethylphenol

Concen: 79.980 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

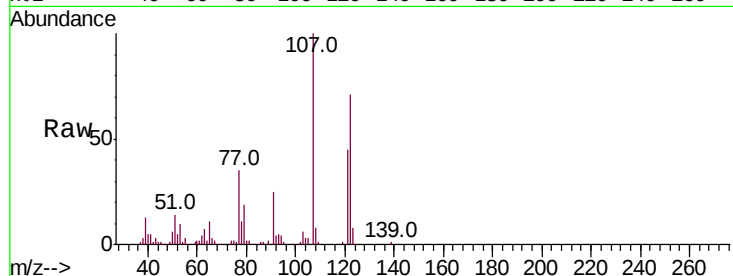
Tot Ion:122 Resp: 115739

Ion Ratio Lower Upper

122 100

107 140.8 105.9 158.9

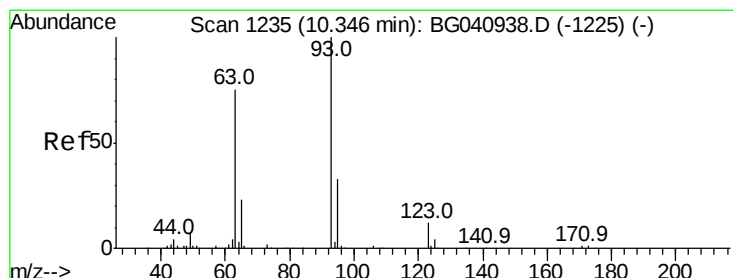
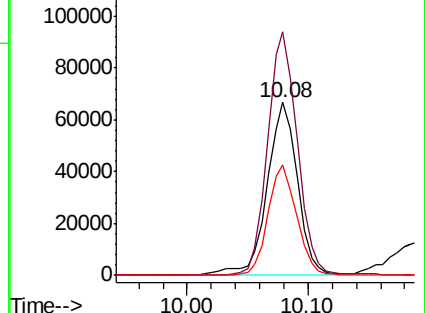
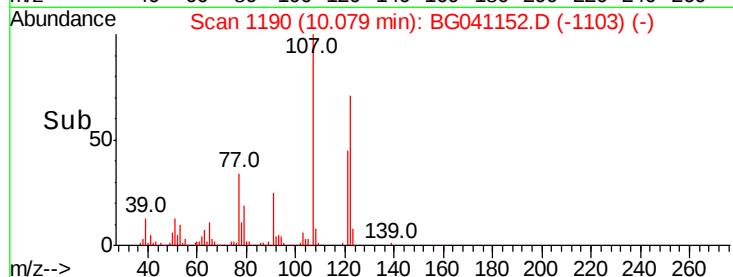
121 64.0 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 66.620 ng

RT: 10.32 min Scan# 1231

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

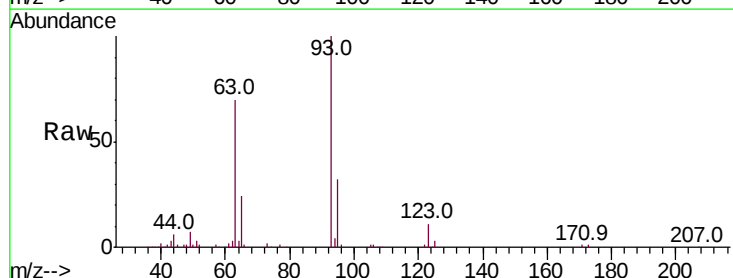
Tgt Ion: 93 Resp: 142713

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

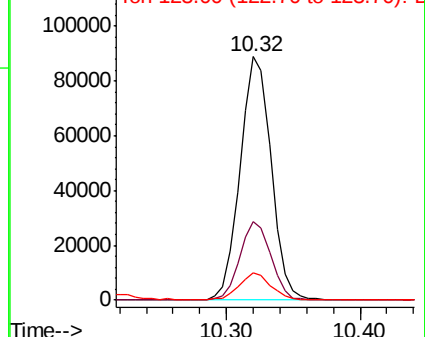
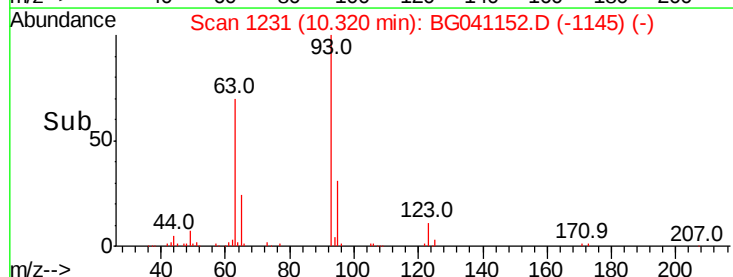
123 11.4 9.5 14.3

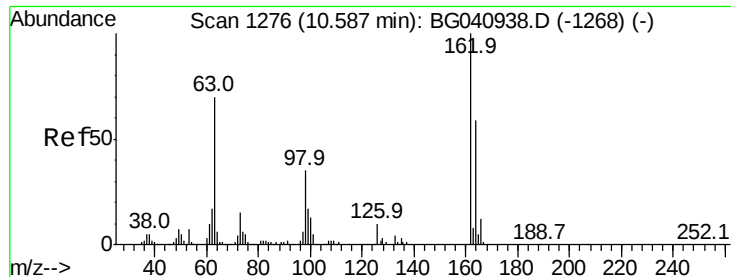


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 74.696 ng

RT: 10.57 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

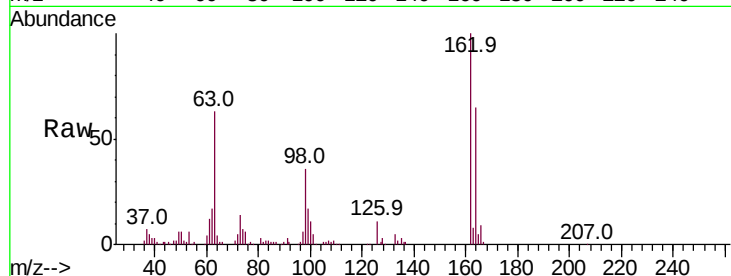
Tot Ion:162 Resp: 137263

Ion Ratio Lower Upper

162 100

164 65.2 39.4 79.4

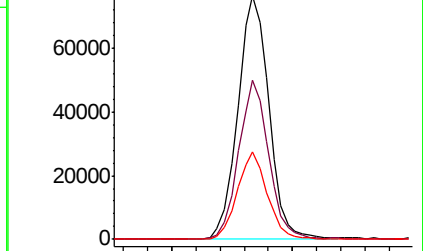
98 36.0 15.3 55.3



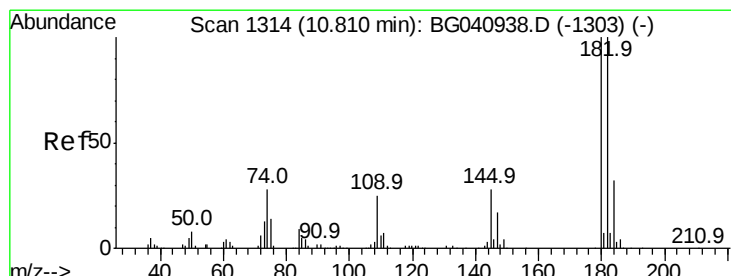
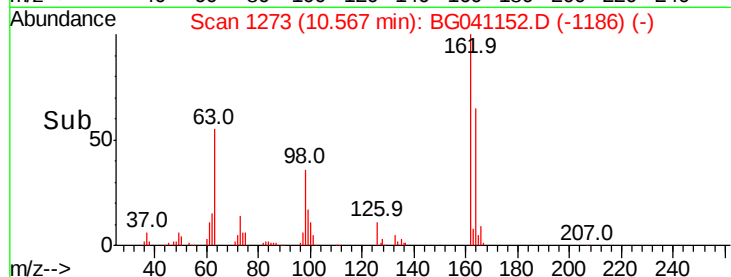
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



Time-->



#30

1,2,4-Trichlorobenzene

Concen: 68.137 ng

RT: 10.78 min Scan# 1310

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

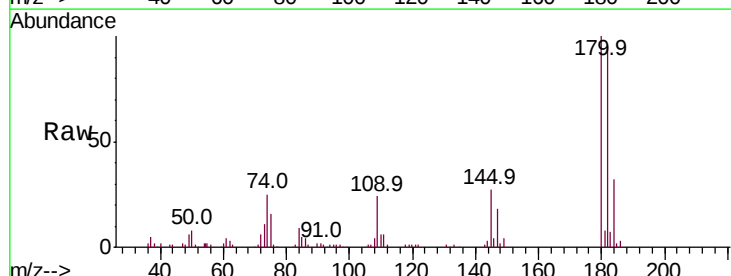
Tgt Ion:180 Resp: 142439

Ion Ratio Lower Upper

180 100

182 94.5 79.7 119.5

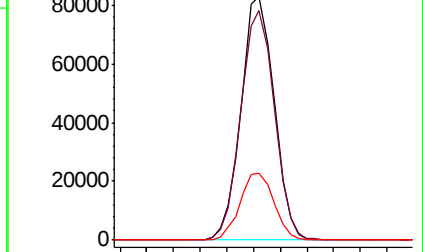
145 27.4 22.6 34.0



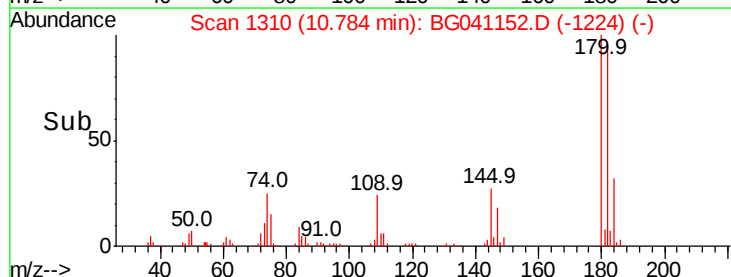
Abundance Ion 180.00 (179.70 to 180.70): E

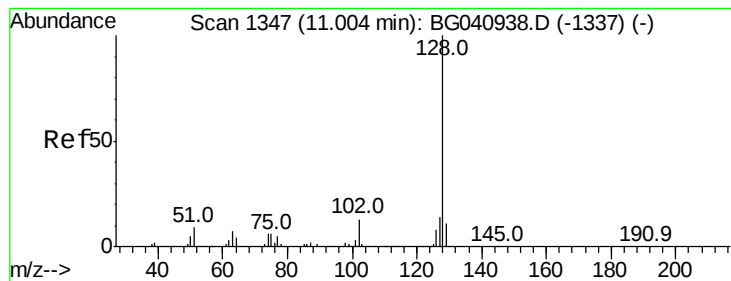
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



Time-->





#31

Naphthalene

Concen: 70.784 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

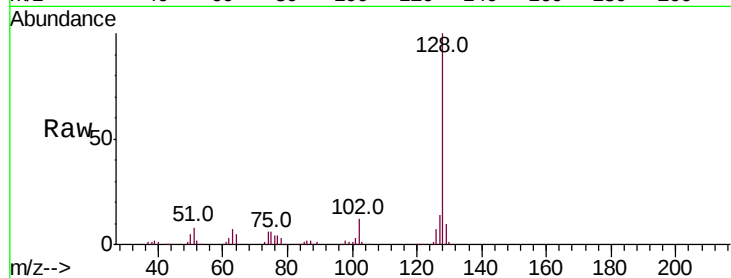
Tot Ion:128 Resp: 351871

Ion Ratio Lower Upper

128 100

129 10.4 8.5 12.7

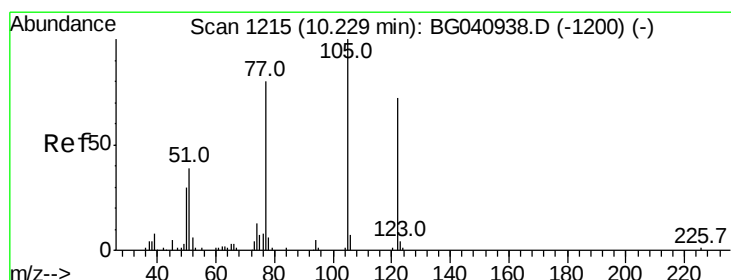
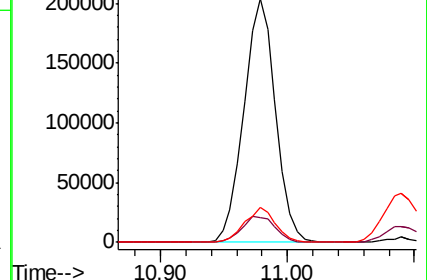
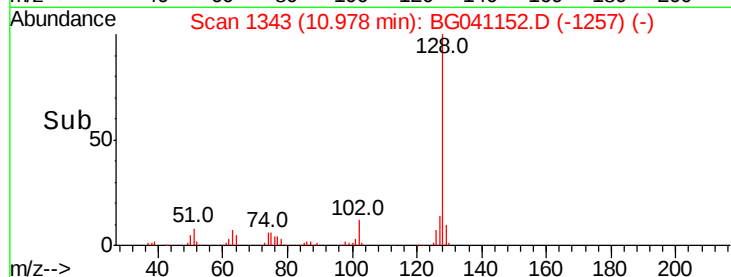
127 14.2 11.4 17.2



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



#32

Benzoic acid

Concen: 62.517 ng

RT: 10.22 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

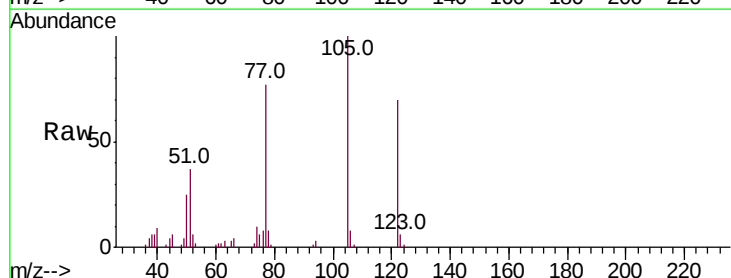
Tgt Ion:122 Resp: 73676

Ion Ratio Lower Upper

122 100

105 143.6 114.8 154.8

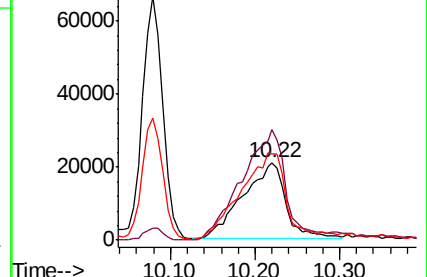
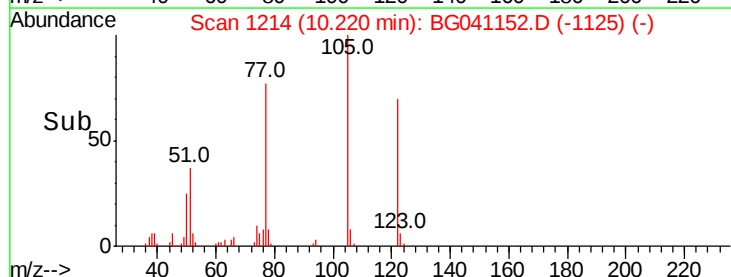
77 110.8 89.9 129.9

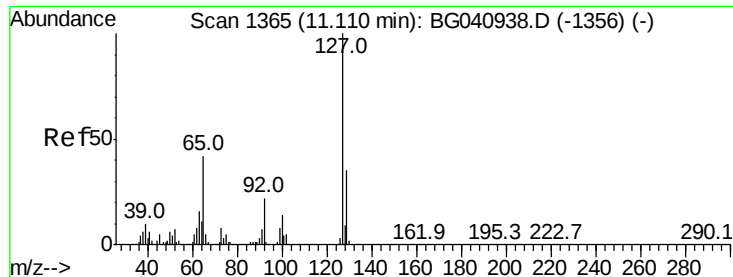


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

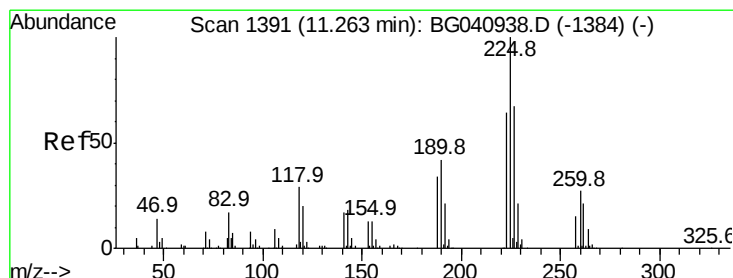
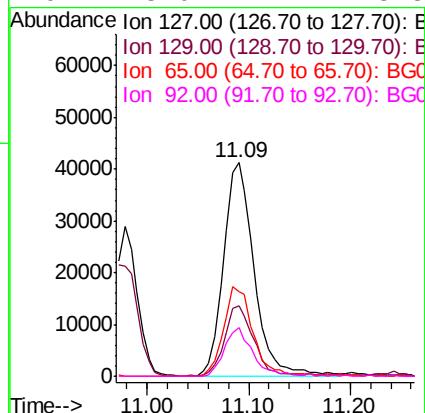
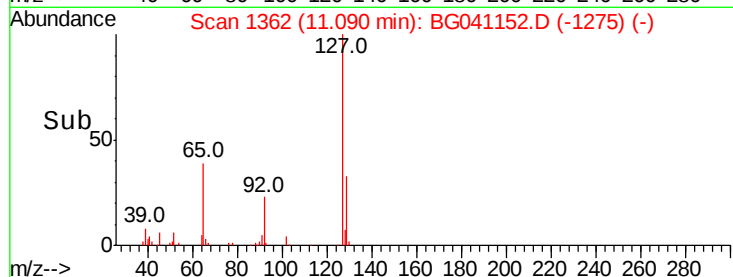
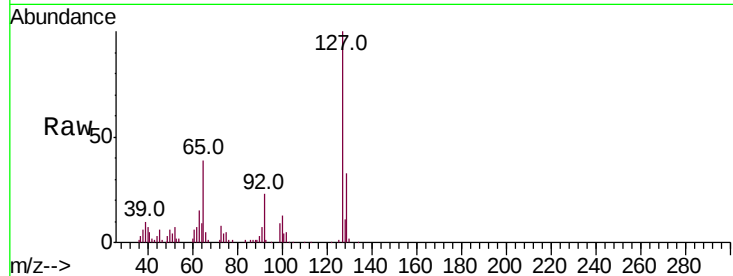




#33
4-Chloroaniline
Concen: 37.215 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

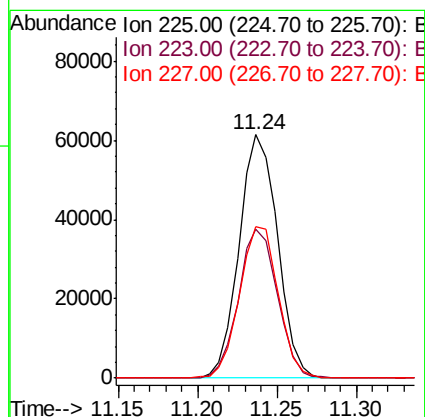
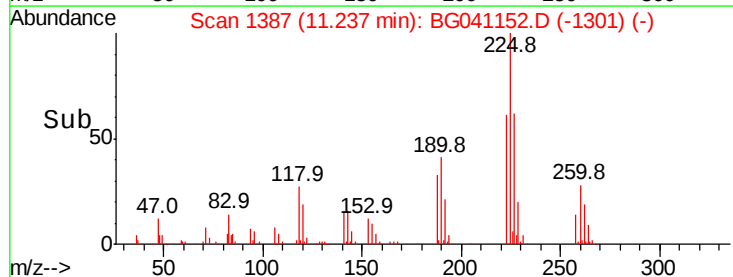
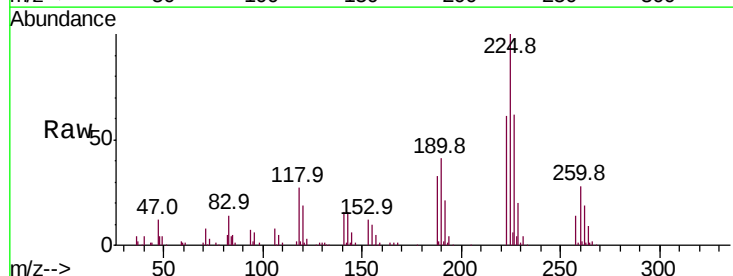
Instrument :
BNA_G
ClientSampleId :

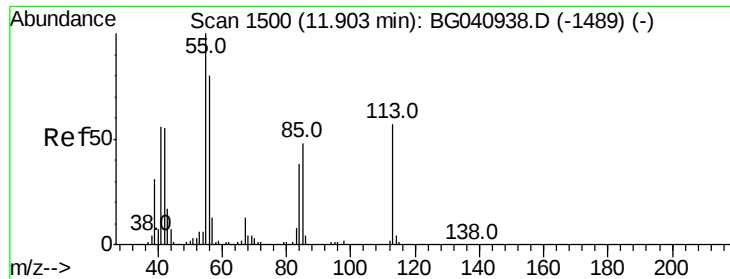
Tot Ion:127	Resp:	85838	
Ion Ratio	Lower	Upper	
127 100			
129 33.0	27.7	41.5	
65 39.5	33.2	49.8	
92 23.0	17.2	25.8	



#34
Hexachlorobutadiene
Concen: 64.541 ng
RT: 11.24 min Scan# 1387
Delta R.T. -0.03 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

Tgt Ion	225	Resp: Lower	103236 Upper
	Ratio		
225	100		
223	60.9	48.8	73.2
227	62.1	51.4	77.0





#35

Caprolactam

Concen: 52.456 ng

RT: 11.88 min Scan# 1496

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

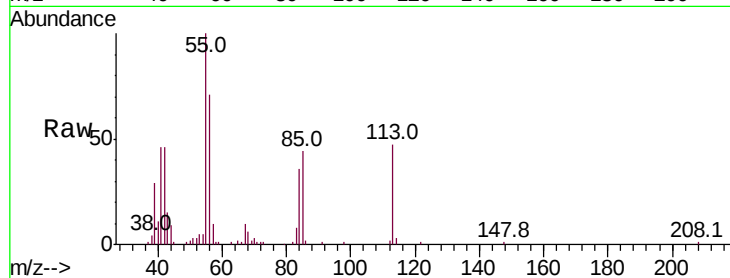
Tot Ion:113 Resp: 31832

Ion Ratio Lower Upper

113 100

55 212.0 155.9 195.9#

56 150.4 119.9 159.9

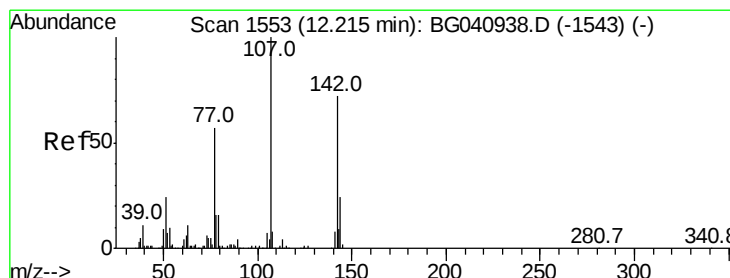
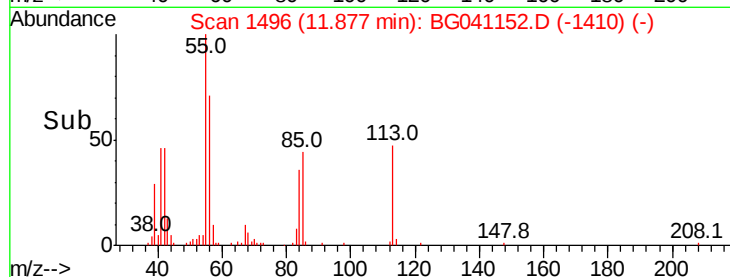
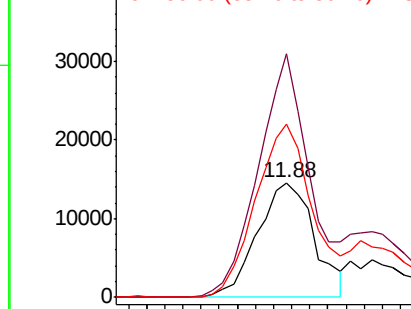


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 75.042 ng

RT: 12.19 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

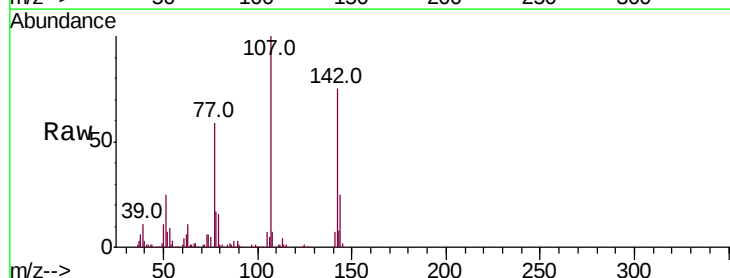
Tgt Ion:107 Resp: 157489

Ion Ratio Lower Upper

107 100

144 24.5 19.4 29.0

142 75.1 57.3 85.9

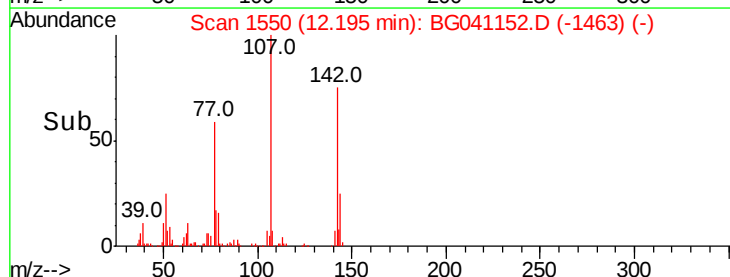
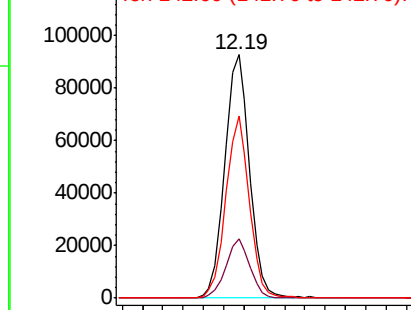


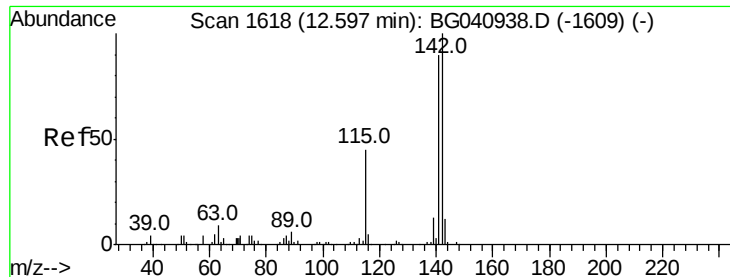
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

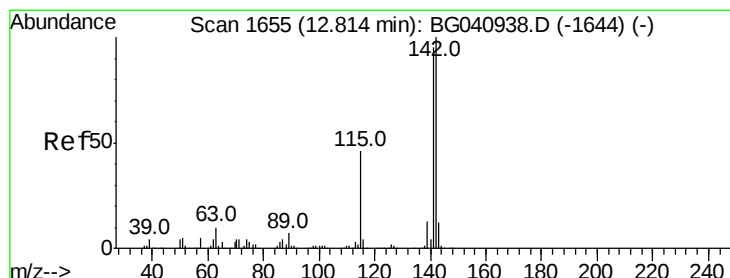
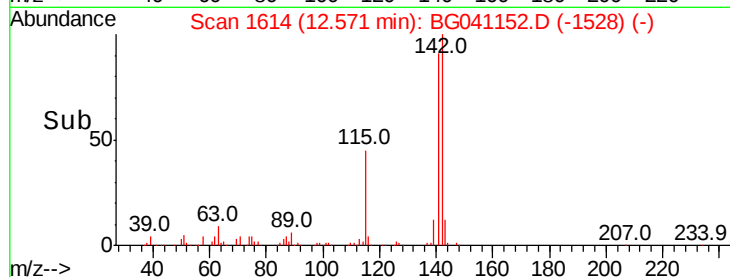
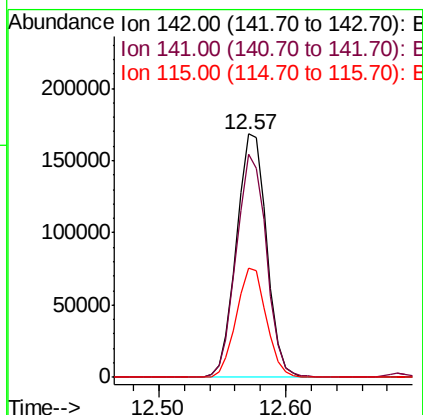
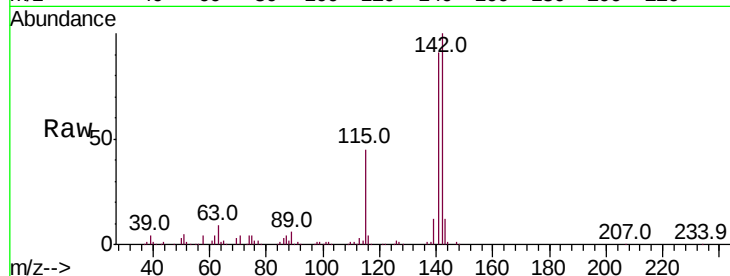




#37
2-Methylnaphthalene
Concen: 72.538 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.03 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

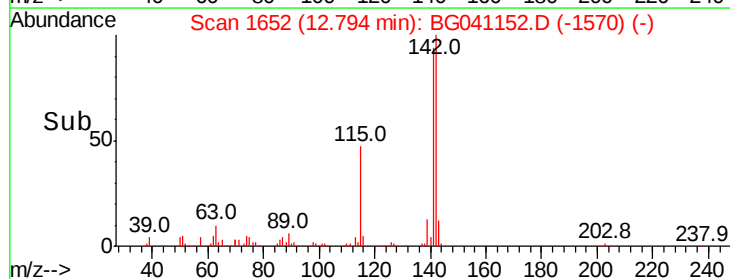
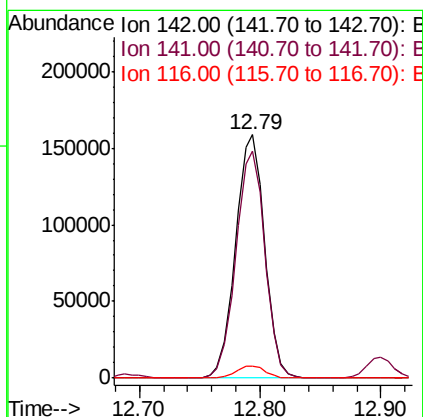
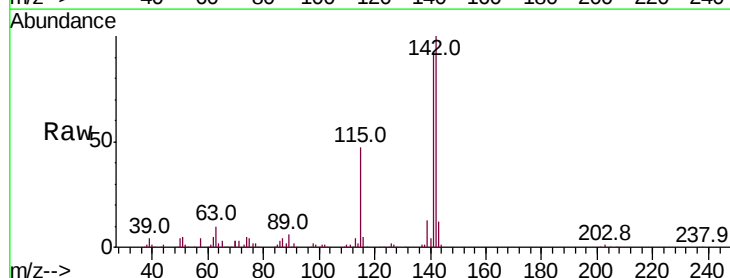
Instrument :
BNA_G
ClientSampleId :

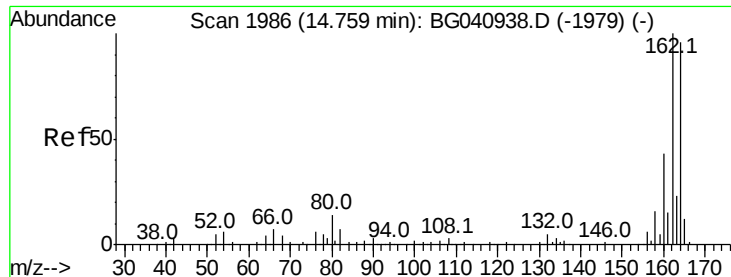
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.2	108.4
115	44.7	36.2	54.4



#38
1-Methylnaphthalene
Concen: 73.623 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.02 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.7	113.5
116	5.1	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

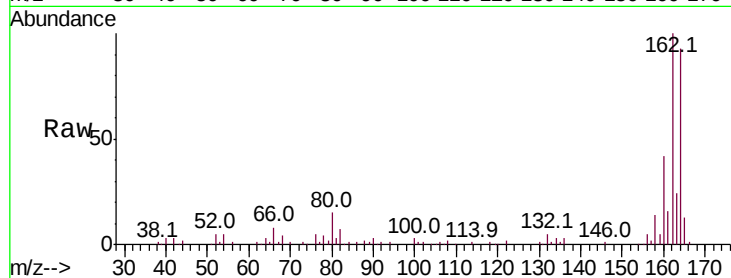
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 72823

Ion	Ratio	Lower	Upper
164	100		
162	107.1	83.0	124.4
160	44.9	35.6	53.4

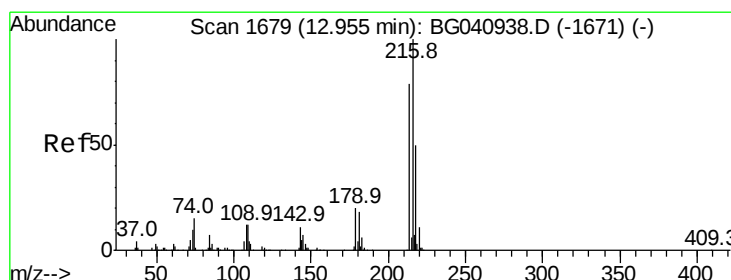
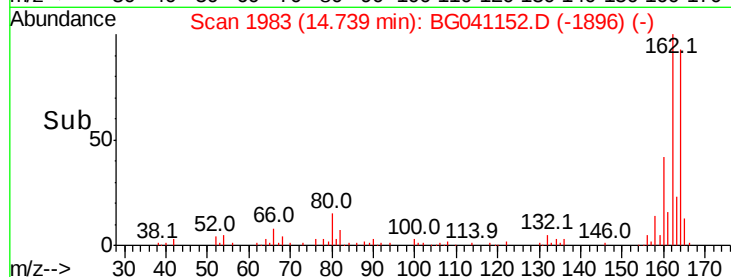
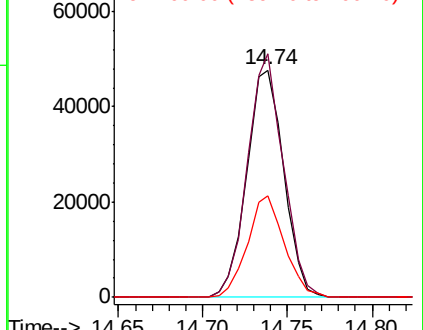


Abundance

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: 68.968 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Tgt Ion:216 Resp: 202433

Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.2
179	19.1	15.2	22.8
108	16.2	11.4	17.2

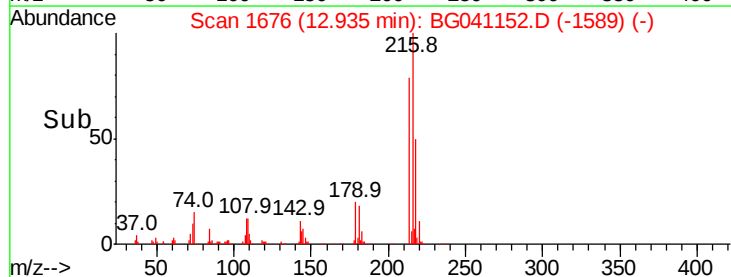
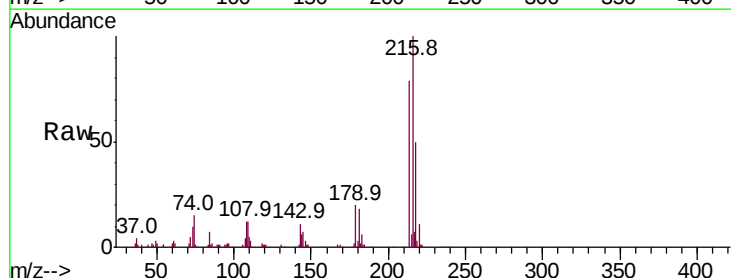
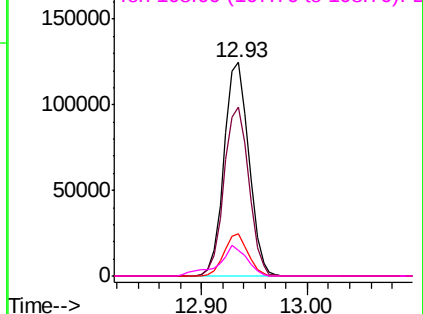
Abundance

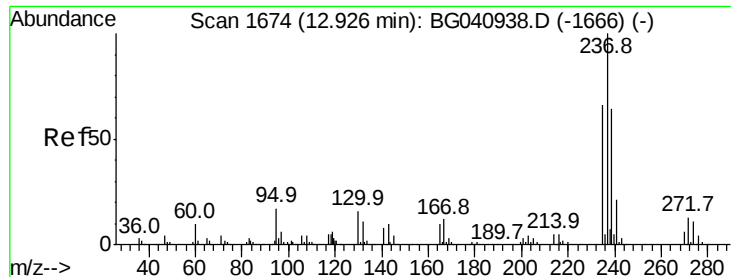
Ion 216.00 (215.70 to 216.70): E

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: 133.290 ng

RT: 12.90 min Scan# 1670

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

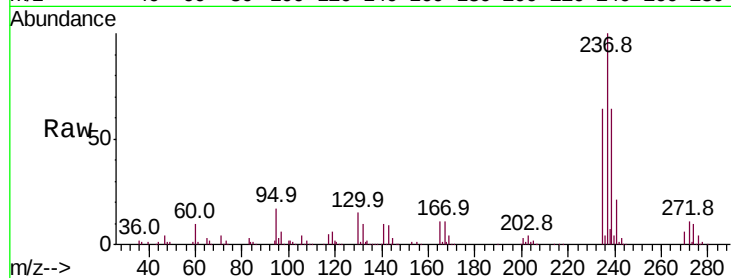
Tot Ion:237 Resp: 219951

Ion Ratio Lower Upper

237 100

235 63.9 45.5 85.5

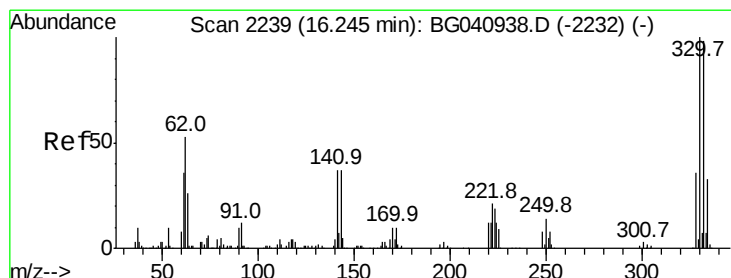
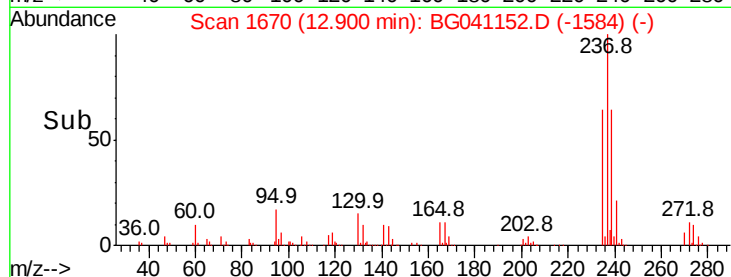
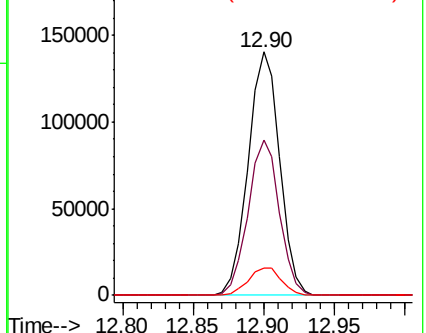
272 11.4 0.0 32.9



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: 146.285 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

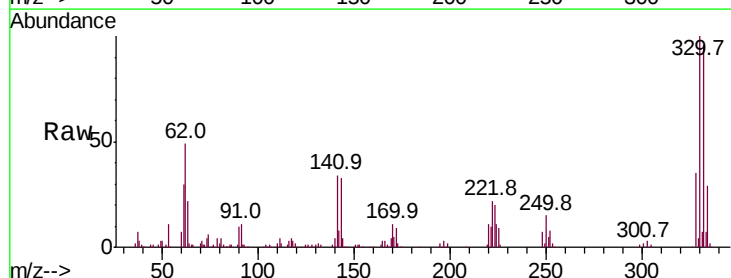
Tgt Ion:330 Resp: 158150

Ion Ratio Lower Upper

330 100

332 96.6 78.5 117.7

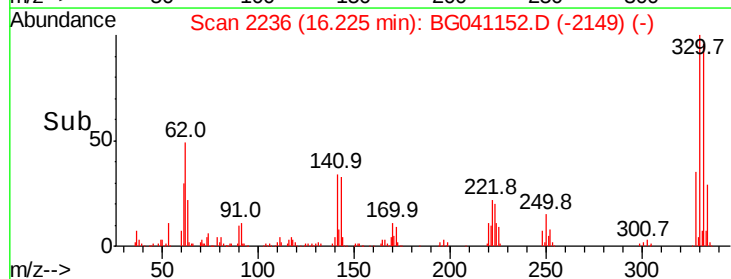
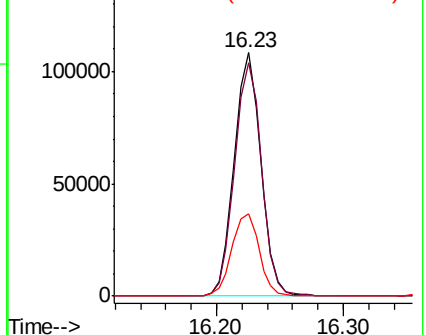
141 34.6 28.7 43.1

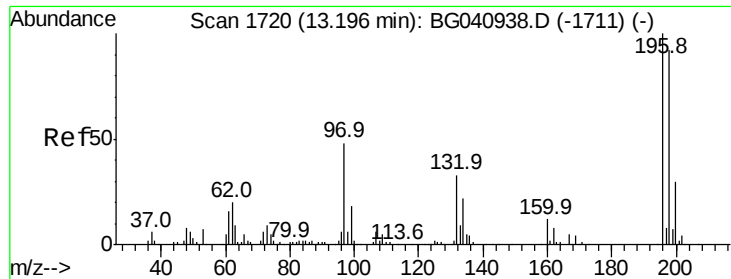


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

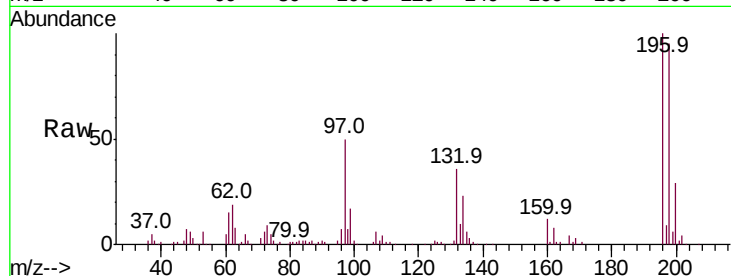




#43
 2,4,6-Trichlorophenol
 Concen: 71.038 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG041152.D
 Acq: 9 Jun 2019 4:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	134887
Ion	Ratio	Lower	Upper
196	100		
198	95.1	73.8	110.6
200	29.1	24.1	36.1

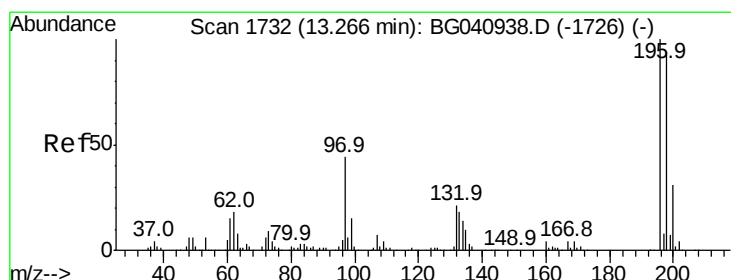
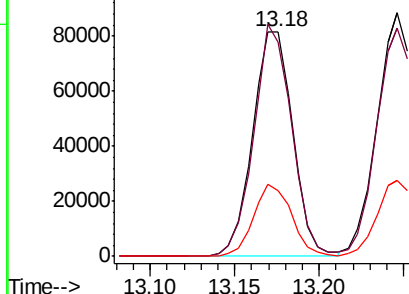
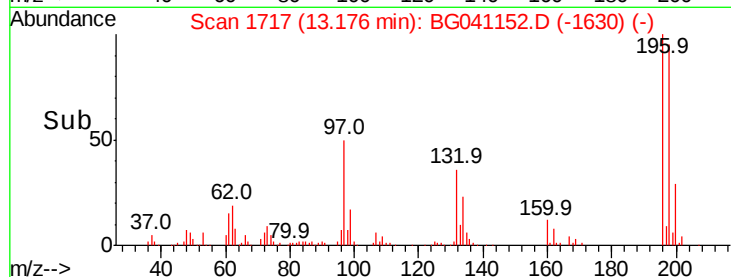


Abundance

Ion 196.00 (195.70 to 196.70): E

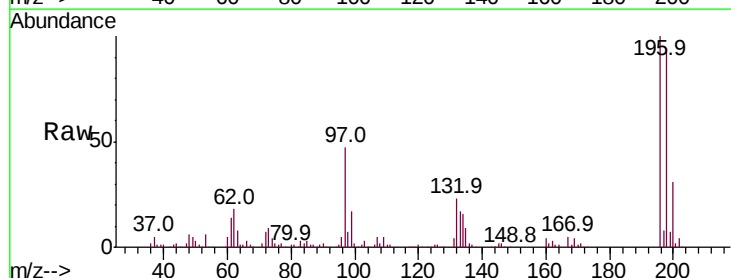
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 73.901 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG041152.D
 Acq: 9 Jun 2019 4:10

Tgt Ion	196	Resp	147989
Ion	Ratio	Lower	Upper
196	100		
198	93.8	75.1	112.7
97	47.2	35.6	53.4
132	23.1	16.7	25.1



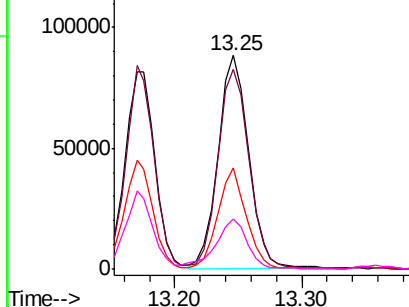
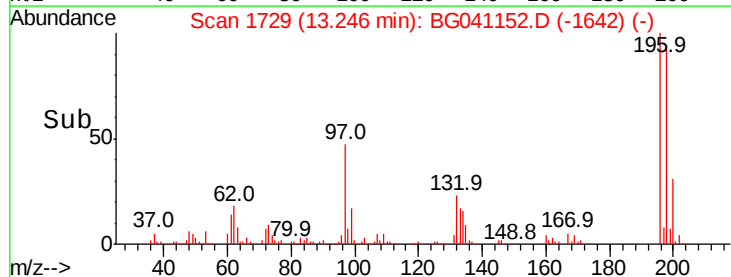
Abundance

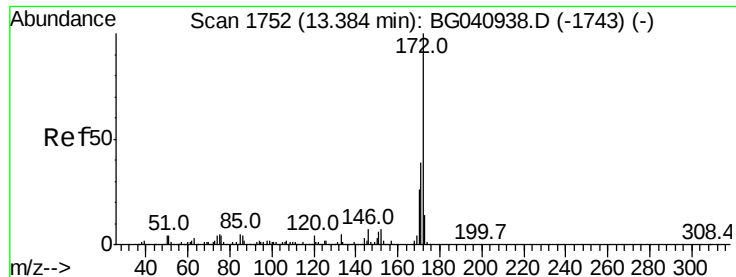
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

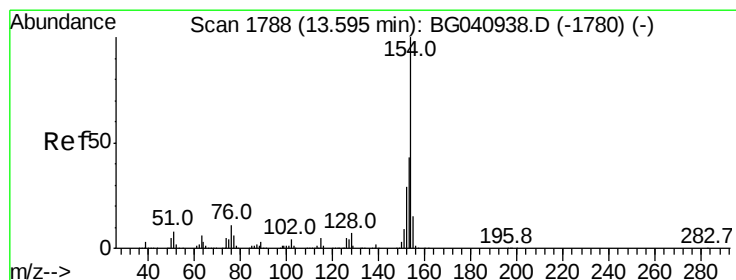
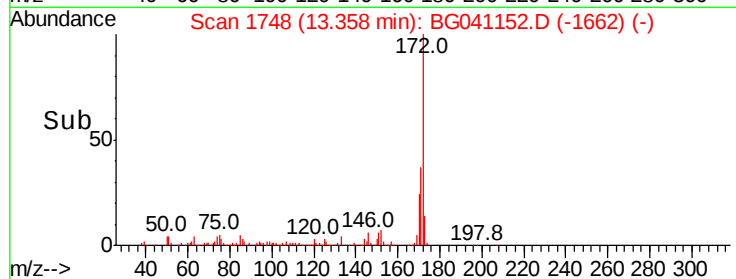
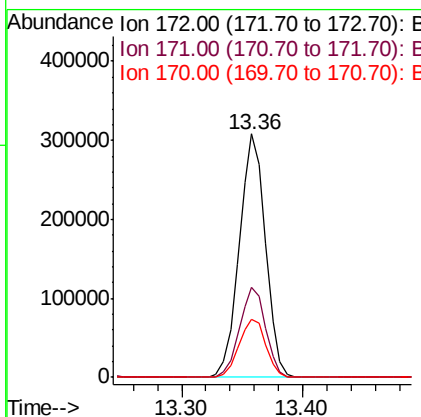
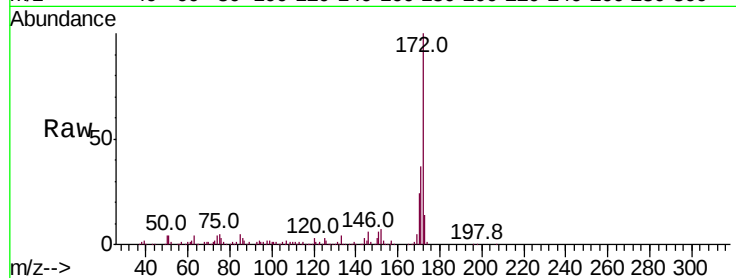




#45
2-Fluorobiphenyl
Concen: 92.007 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.03 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

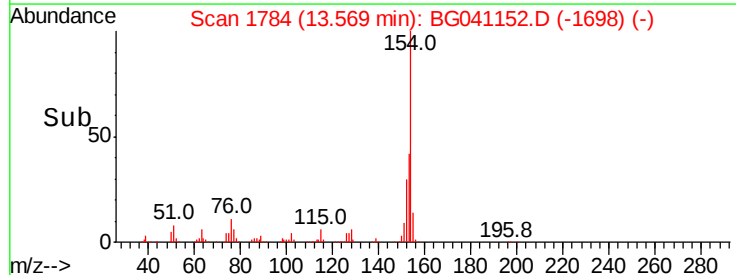
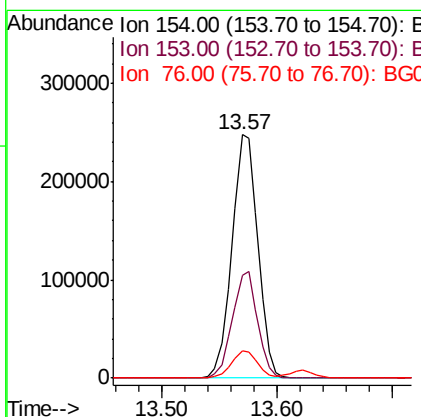
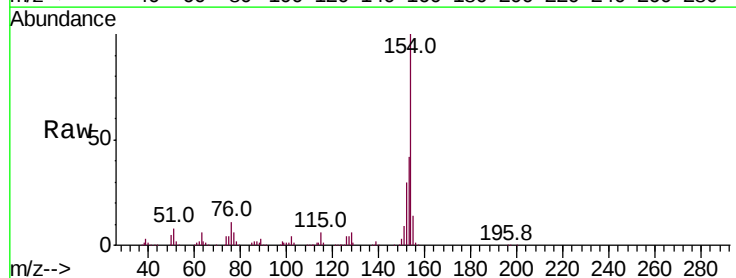
Instrument :
BNA_G
ClientSampleId :

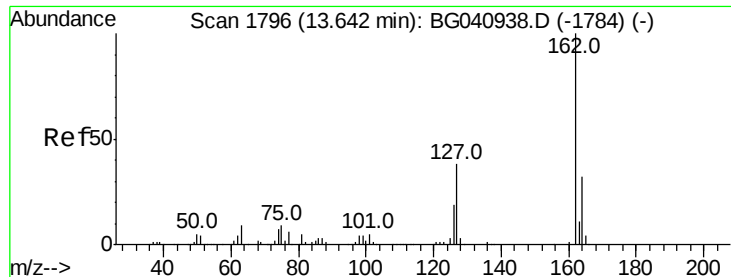
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.1	46.7
170	23.8	20.5	30.7



#46
1,1'-Biphenyl
Concen: 70.991 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.03 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	23.3	63.3
76	11.0	0.0	31.1

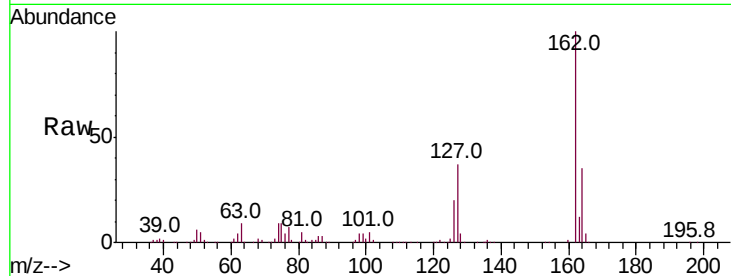




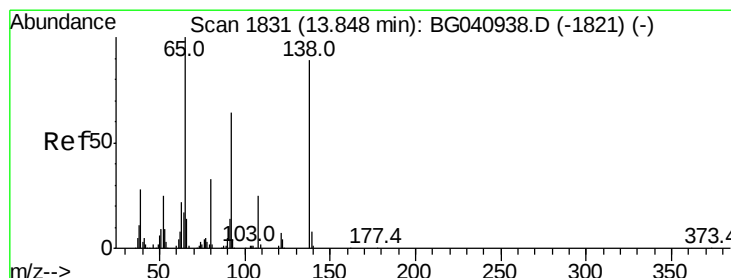
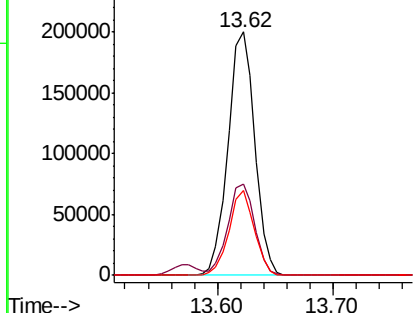
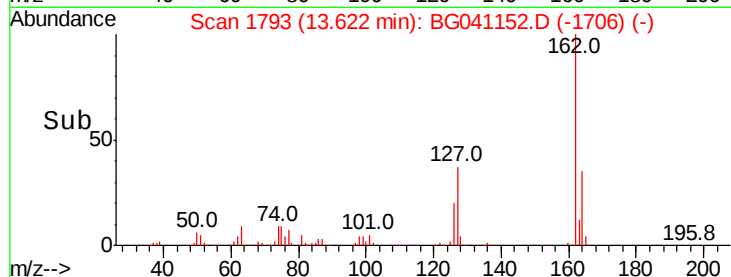
#47
2-Chloronaphthalene
Concen: 69.233 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.5	45.7
164	34.7	25.8	38.6

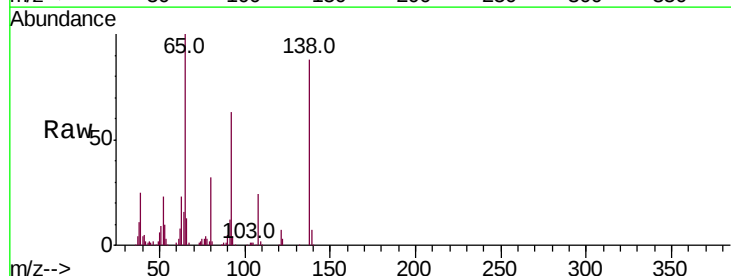


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

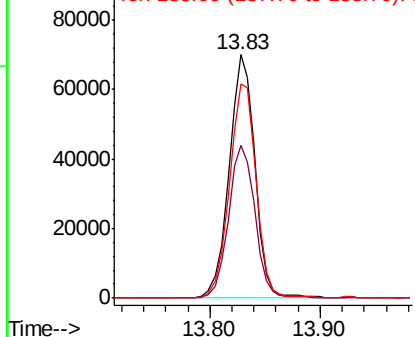
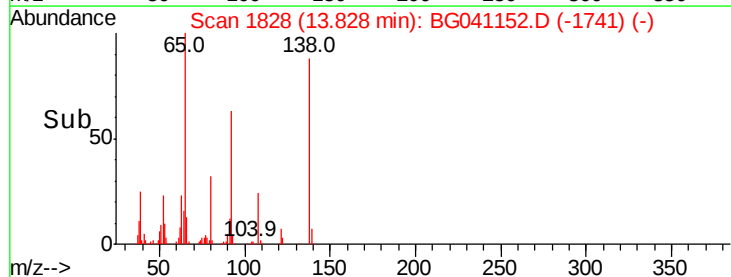


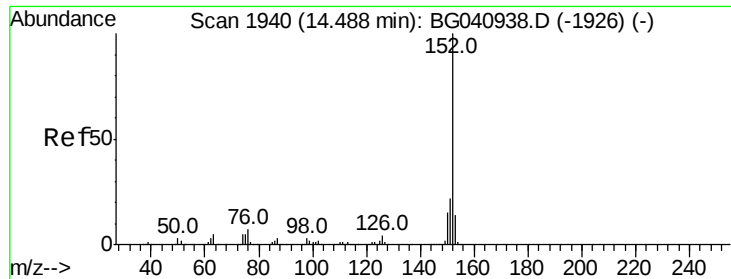
#48
2-Nitroaniline
Concen: 68.702 ng
RT: 13.83 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.0	51.0	76.6
138	88.2	71.2	106.8



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





#49

Acenaphthylene

Concen: 72.834 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

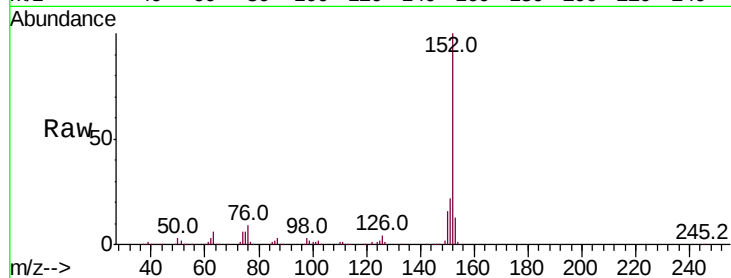
Tot Ion:152 Resp: 507282

Ion Ratio Lower Upper

152 100

151 21.6 17.4 26.0

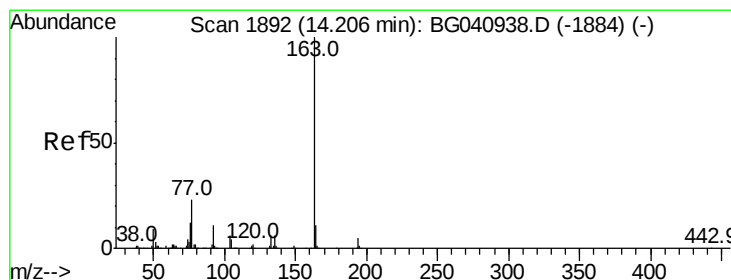
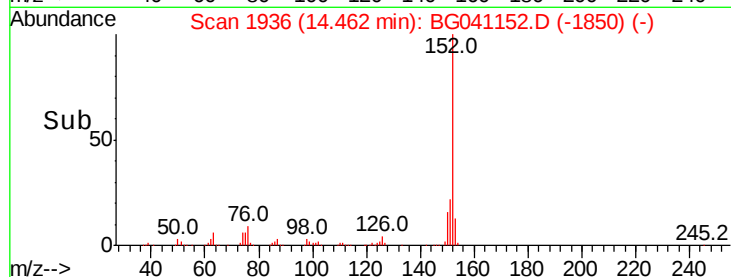
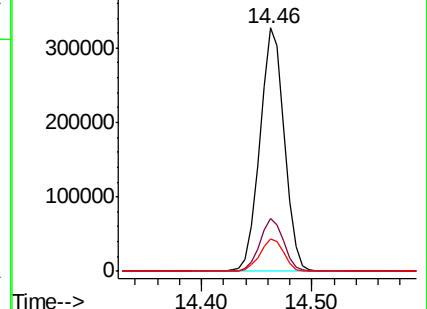
153 13.4 11.0 16.4



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: 67.730 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

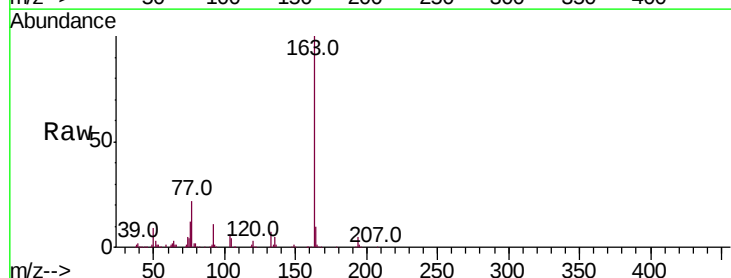
Tgt Ion:163 Resp: 417522

Ion Ratio Lower Upper

163 100

194 5.1 3.8 5.8

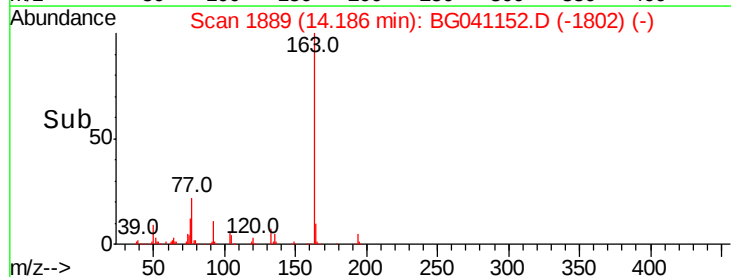
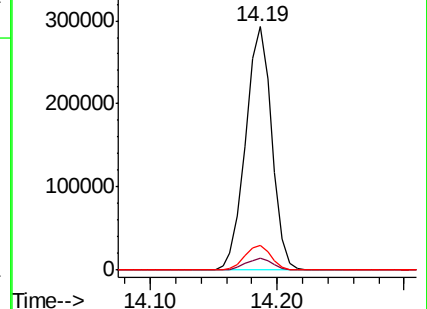
164 10.1 8.7 13.1

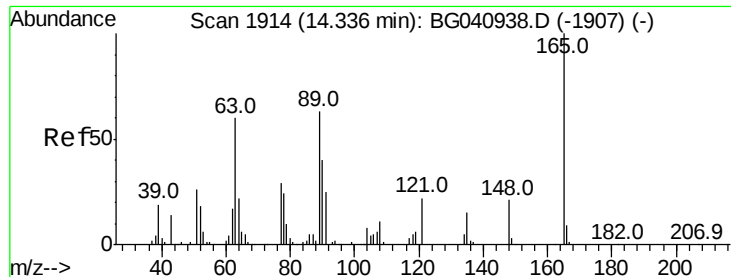


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

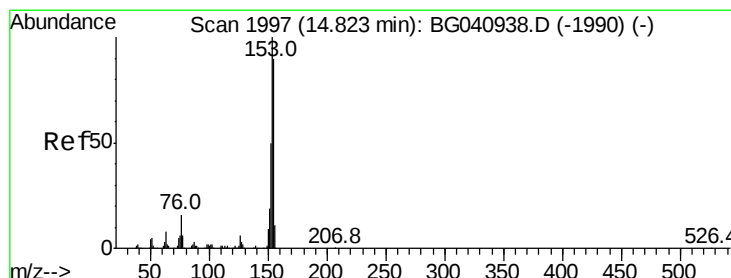
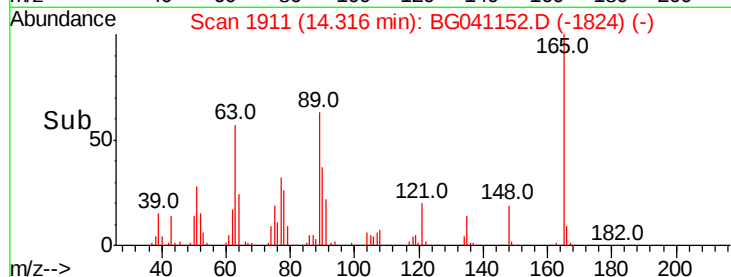
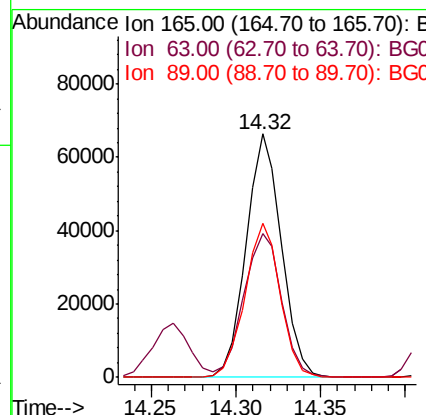
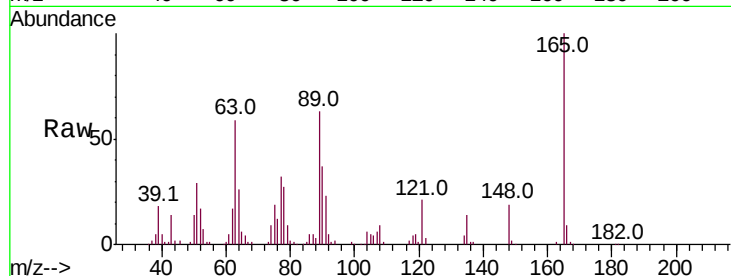




#51
 2,6-Dinitrotoluene
 Concen: 72.162 ng
 RT: 14.32 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BG041152.D
 Acq: 9 Jun 2019 4:10

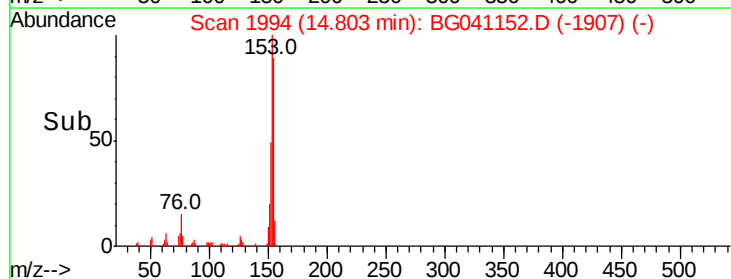
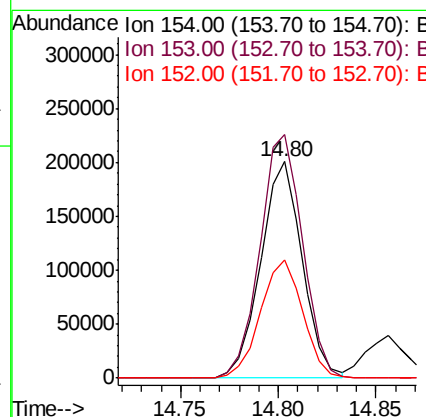
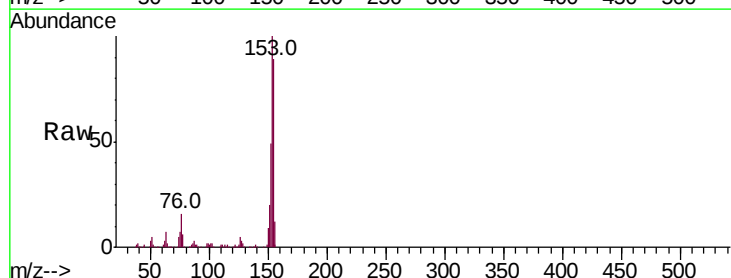
Instrument :
 BNA_G
 ClientSampled :

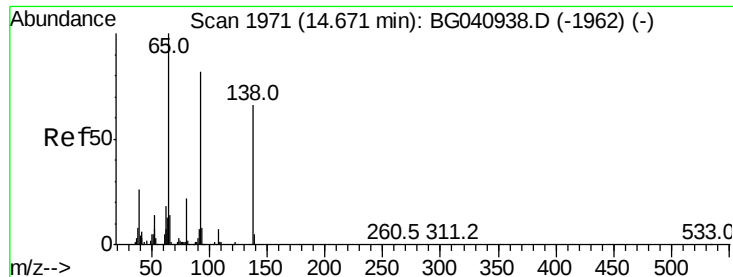
Tot Ion:165 Resp: 95912
 Ion Ratio Lower Upper
 165 100
 63 59.3 53.6 80.4
 89 63.3 50.4 75.6



#52
 Acenaphthene
 Concen: 69.985 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BG041152.D
 Acq: 9 Jun 2019 4:10

Tgt Ion:154 Resp: 295286
 Ion Ratio Lower Upper
 154 100
 153 112.4 88.6 133.0
 152 54.6 44.2 66.4

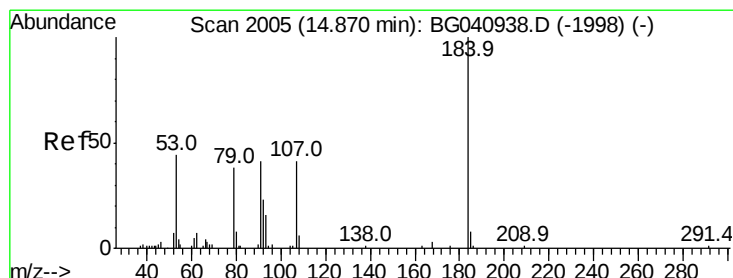
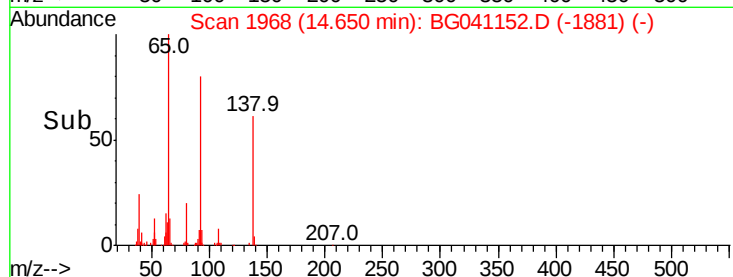
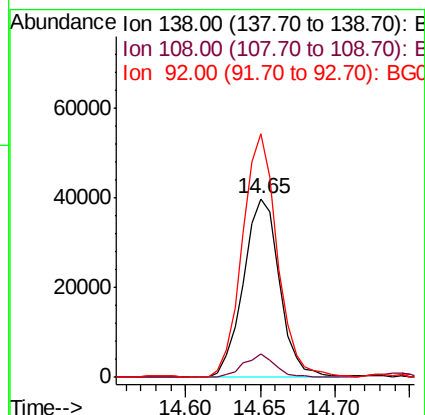
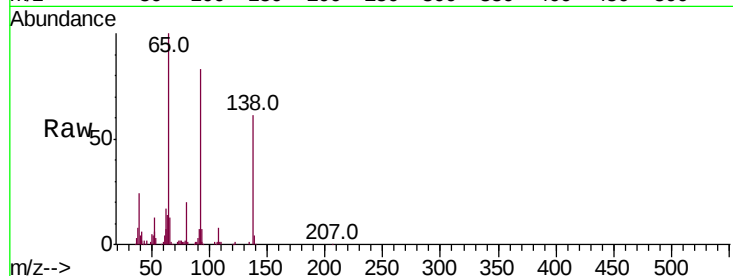




#53
3-Nitroaniline
Concen: 50.197 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

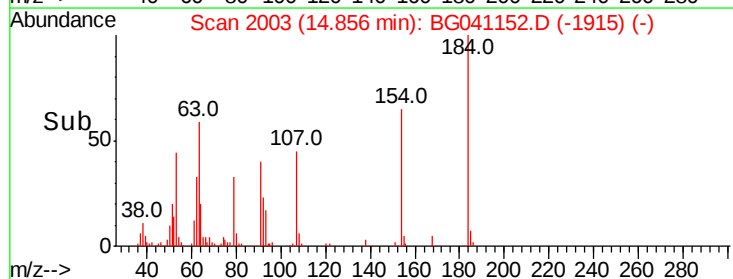
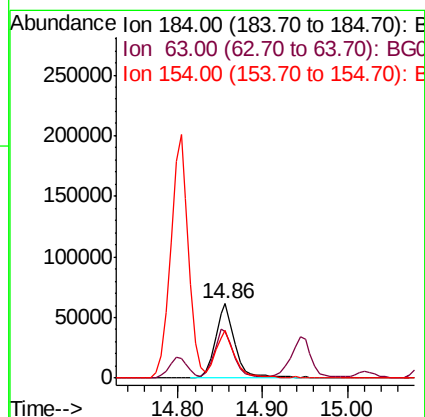
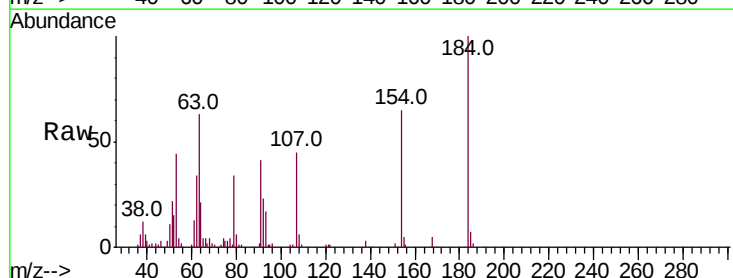
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 66716
Ion Ratio Lower Upper
138 100
108 12.8 8.5 12.7#
92 136.5 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 120.463 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

Tgt Ion:184 Resp: 101016
Ion Ratio Lower Upper
184 100
63 63.0 49.8 74.6
154 65.2 52.2 78.4

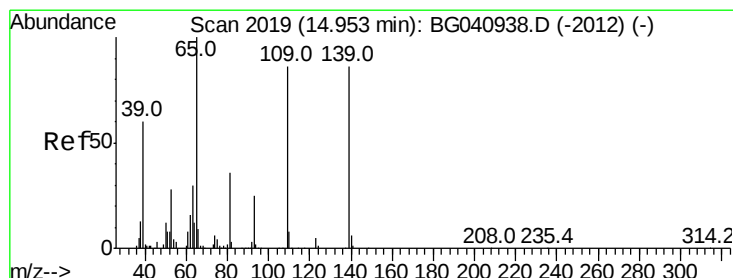
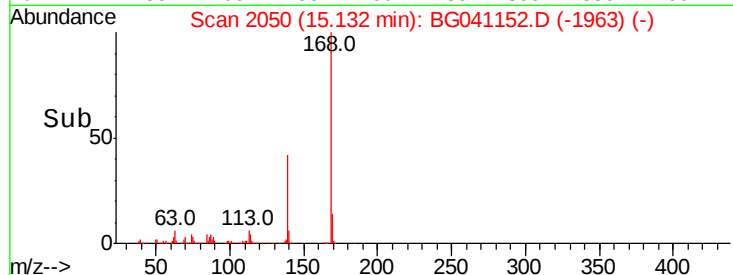
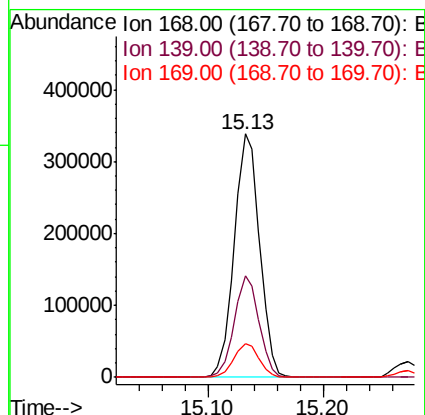
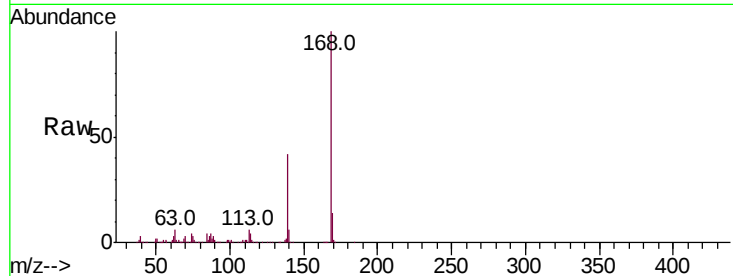




#55
Dibenzenofuran
Concen: 72.278 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

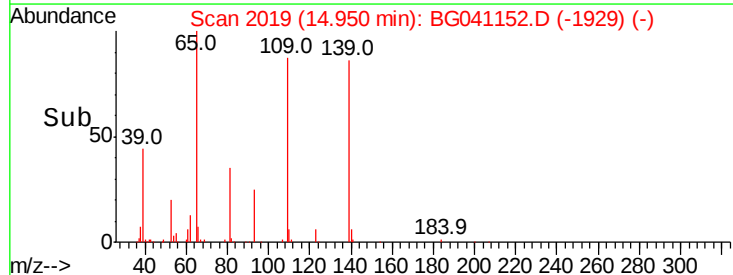
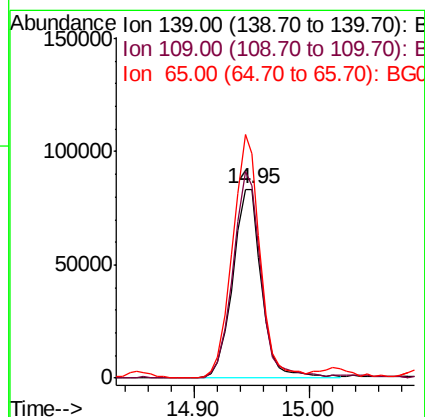
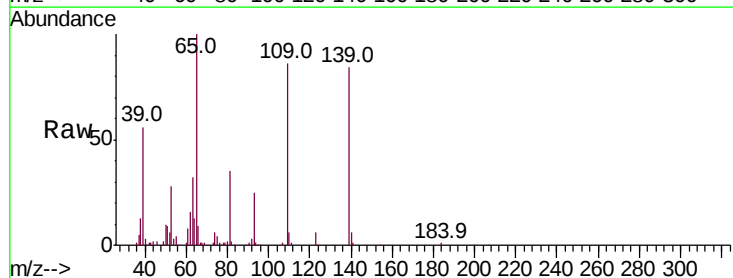
Instrument :
BNA_G
ClientSampleId :

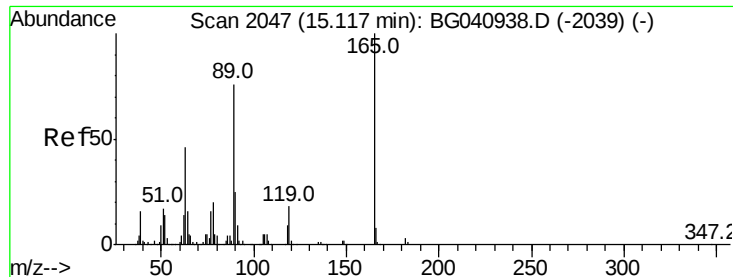
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.7	32.8	49.2
169	13.9	11.3	16.9



#56
4-Nitrophenol
Concen: 158.057 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.8	79.6	119.6
65	119.0	96.9	136.9

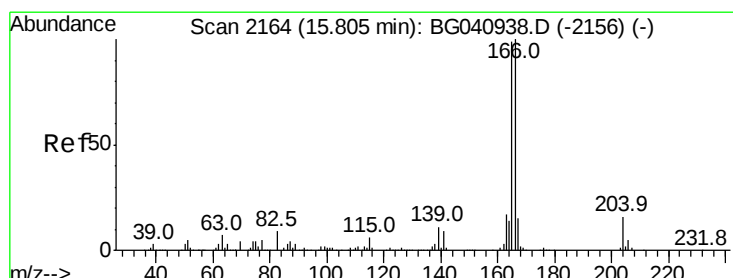
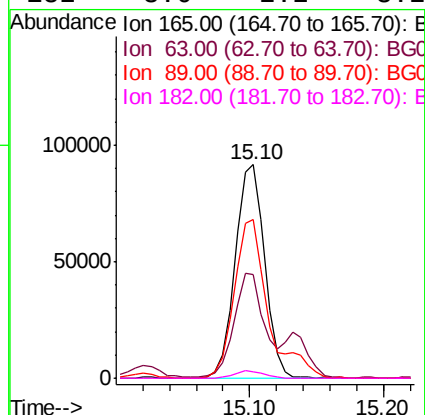
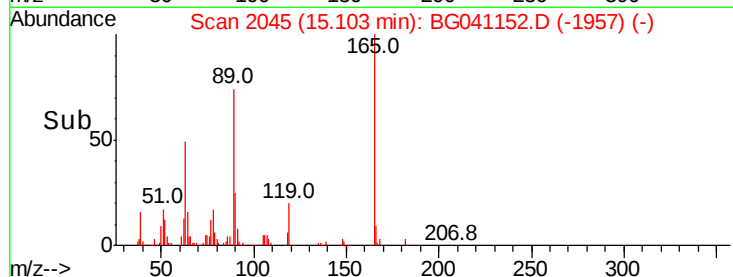
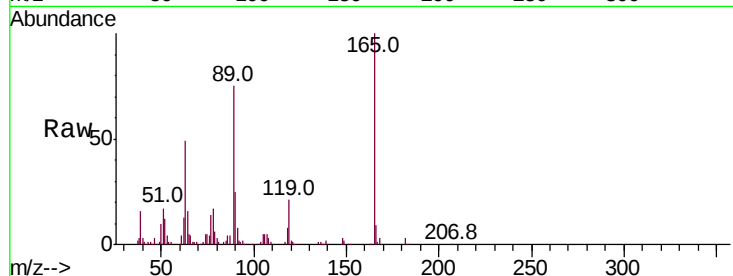




#57
2,4-Dinitrotoluene
Concen: 74.625 ng
RT: 15.10 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

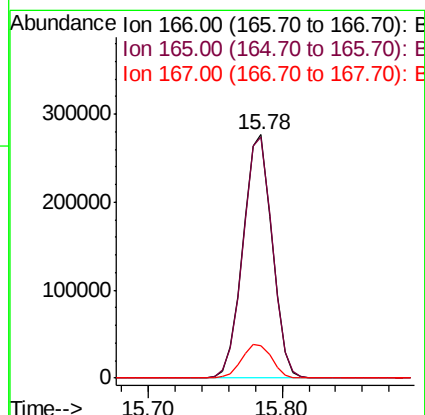
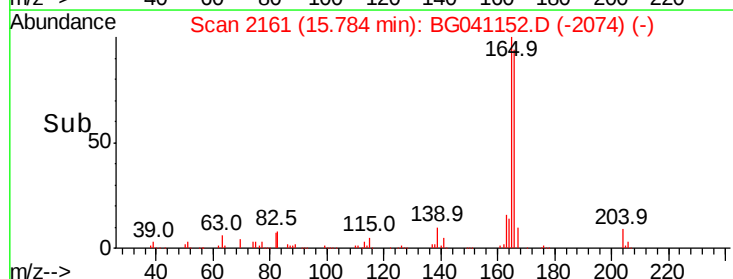
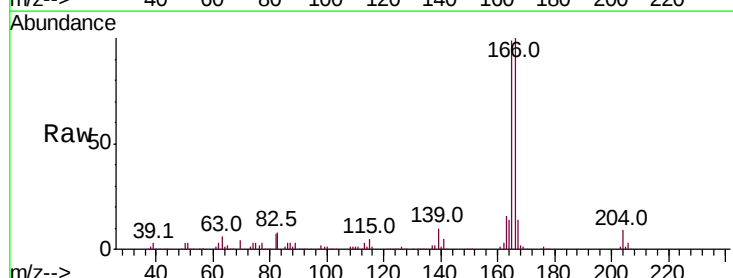
Instrument :
BNA_G
ClientSampleId :

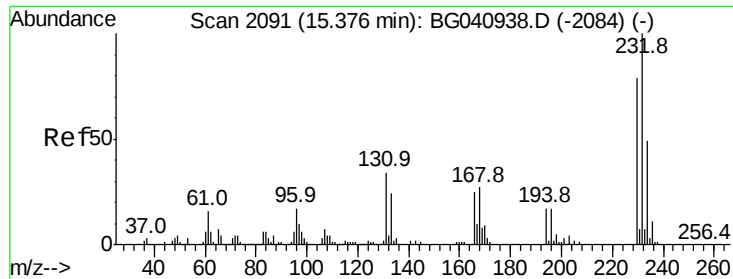
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.7	37.3	55.9
89	74.5	61.0	91.6
182	3.0	2.2	3.2



#58
Fluorene
Concen: 73.446 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.2	118.8
167	13.5	11.8	17.6

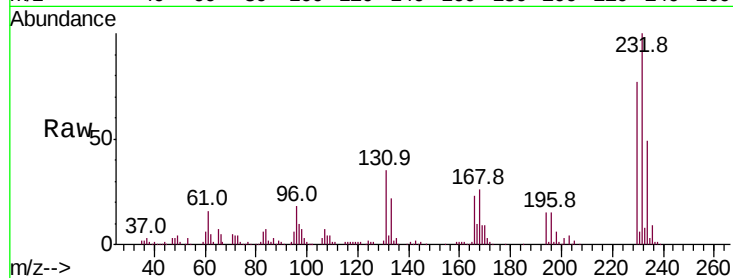




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 80.101 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.02 min
 Lab File: BG041152.D
 Acq: 9 Jun 2019 4:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	34.8	30.3	45.5
130	2.2	1.8	2.8
166	24.5	21.3	31.9



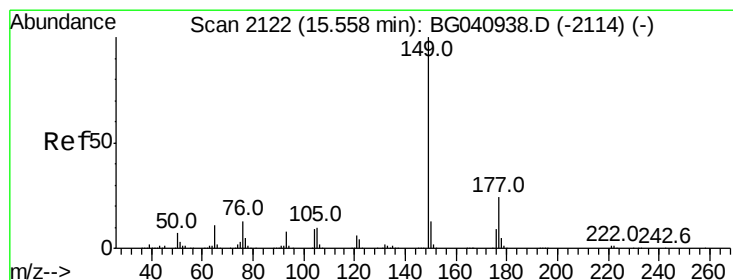
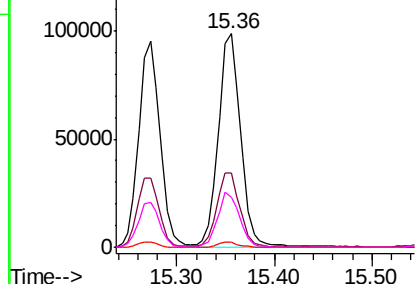
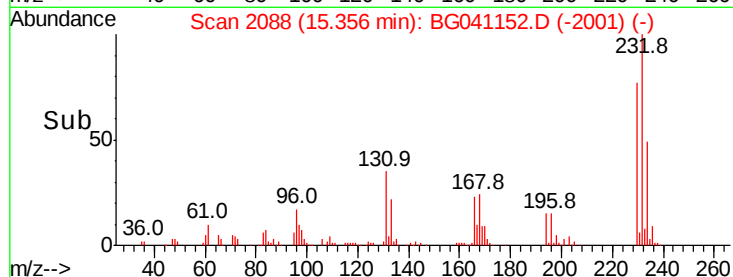
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

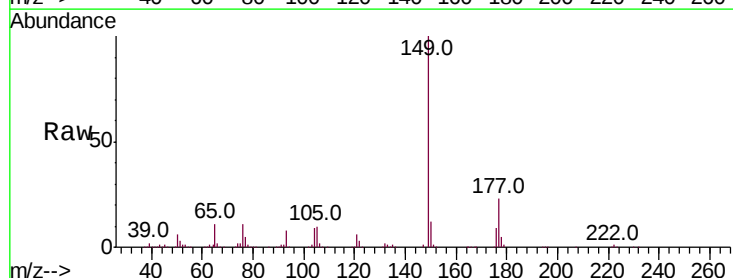
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 68.745 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. -0.02 min
 Lab File: BG041152.D
 Acq: 9 Jun 2019 4:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	19.4	29.0
150	12.1	10.3	15.5

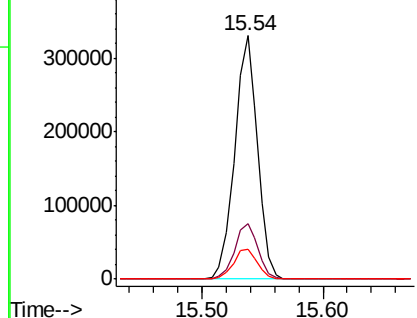
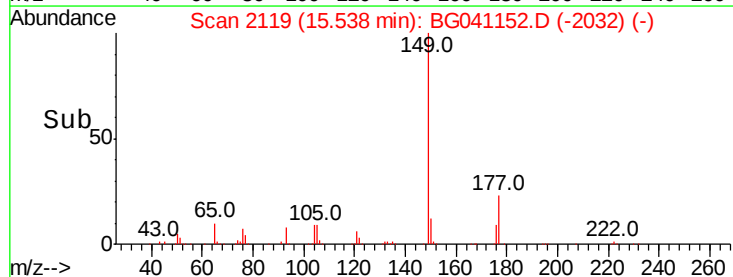


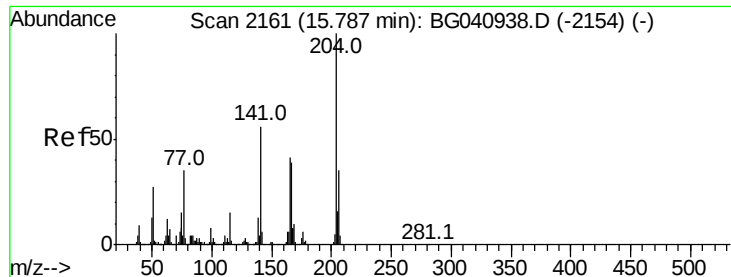
Abundance

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

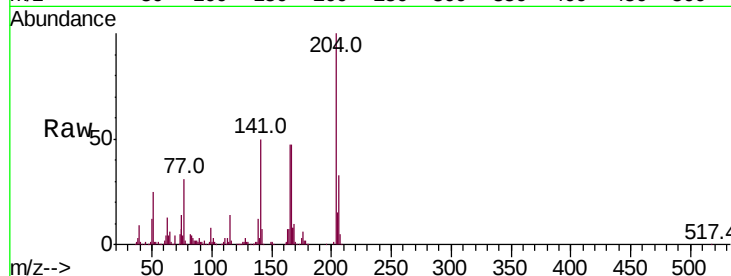




#61
4-Chlorophenyl-phenylether
Concen: 70.172 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	27.6	41.4
141	49.6	45.1	67.7

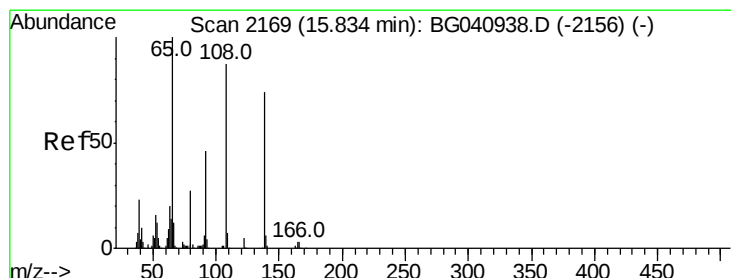
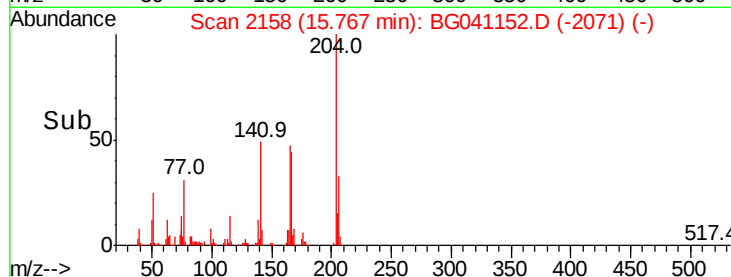
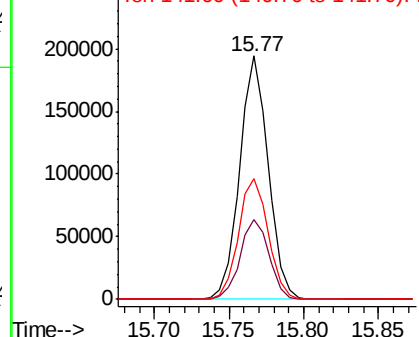


Abundance

Ion 204.00 (203.70 to 204.70): E

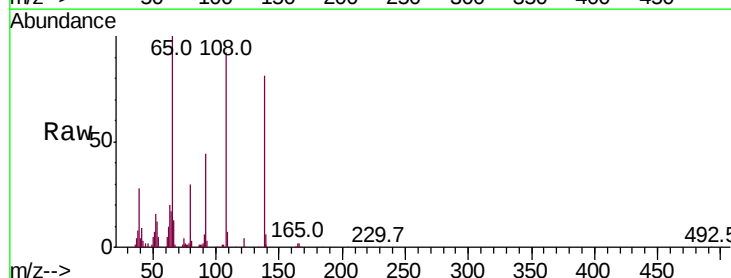
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 67.869 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.7	42.4	82.4
108	113.1	96.9	136.9

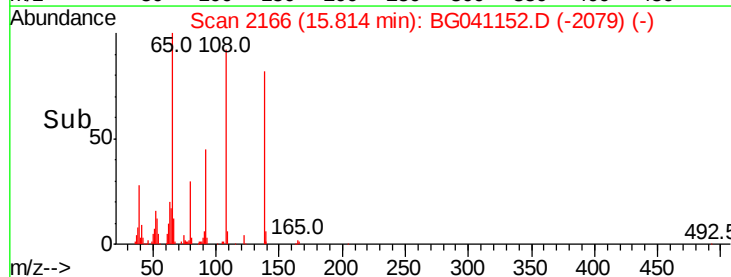
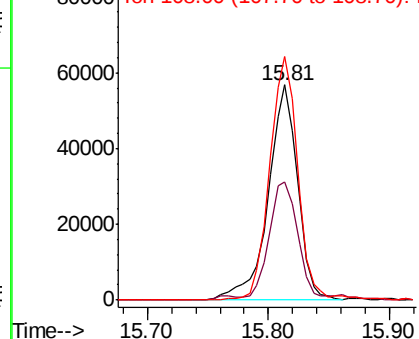


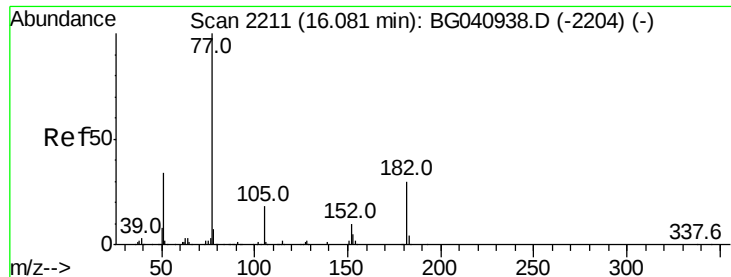
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

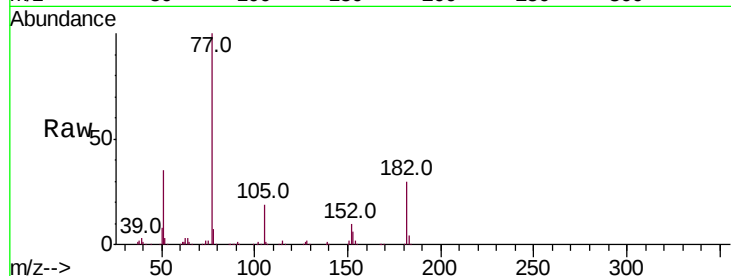




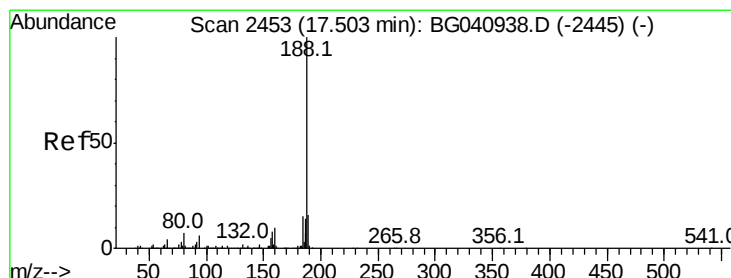
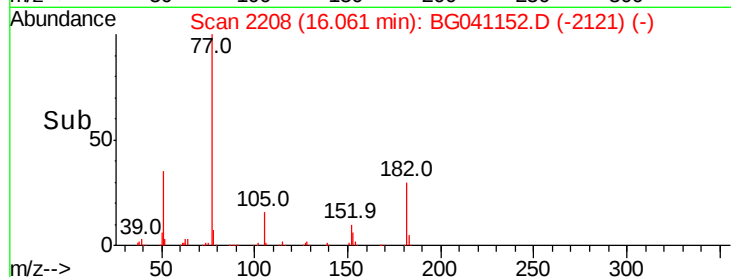
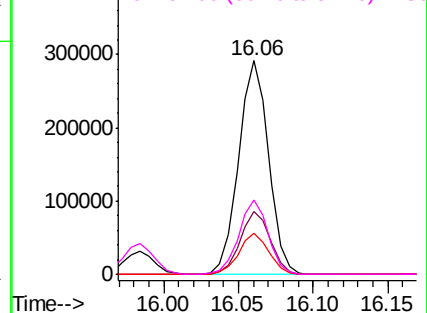
#63
Azobenzene
Concen: 71.034 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.7	9.6	49.6
105	19.2	0.0	37.5
51	34.7	13.7	53.7

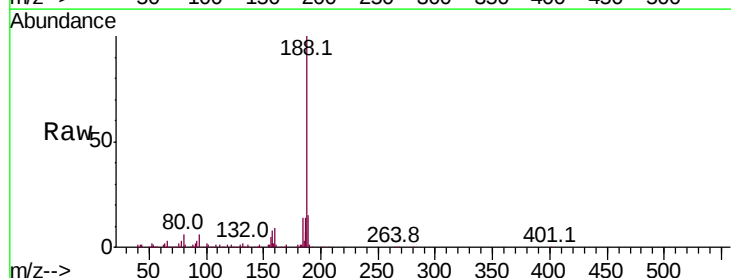


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

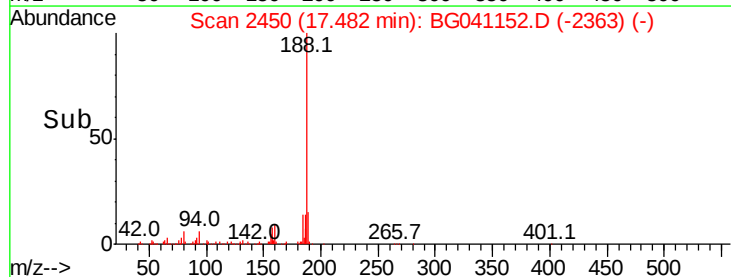
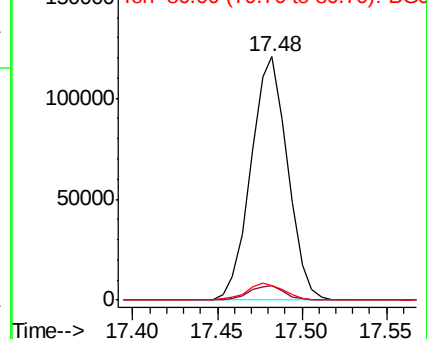


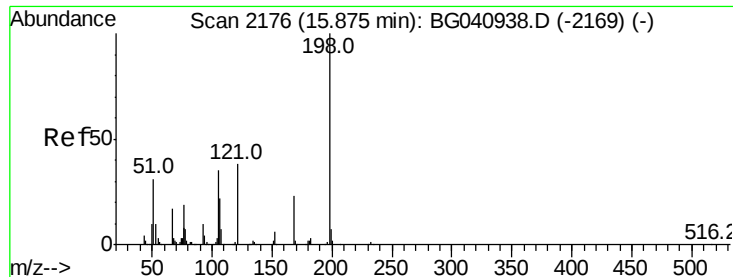
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.7	7.1
80	6.1	5.8	8.8



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

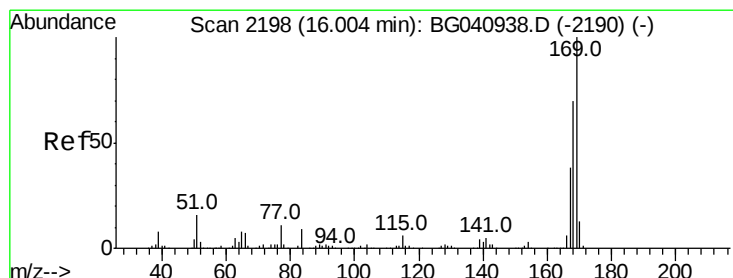
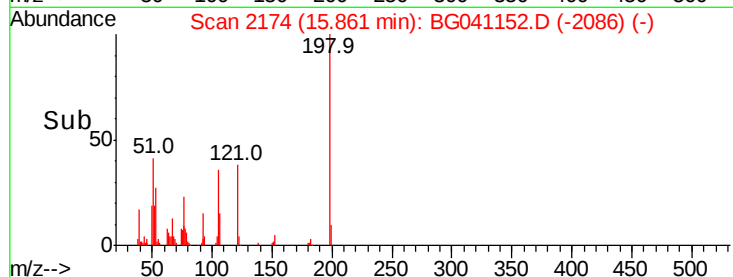
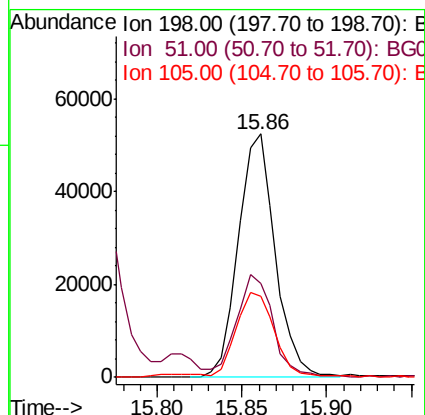
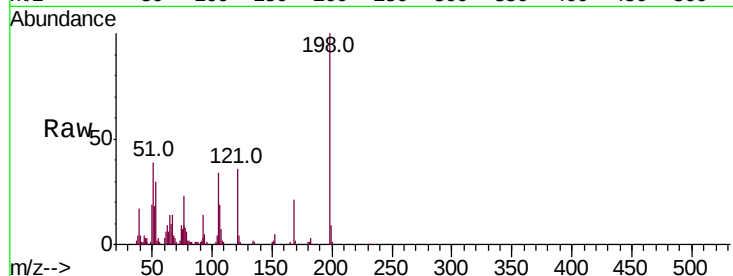




#65
4,6-Dinitro-2-methylphenol
Concen: 75.804 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

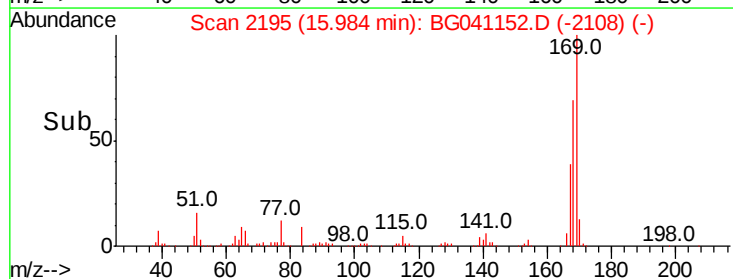
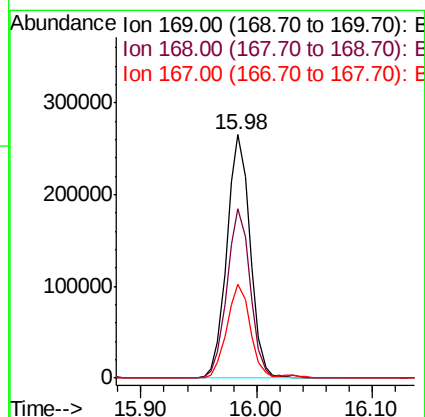
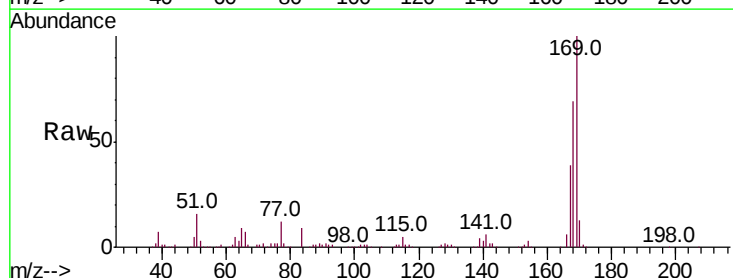
Instrument :
BNA_G
ClientSampleId :

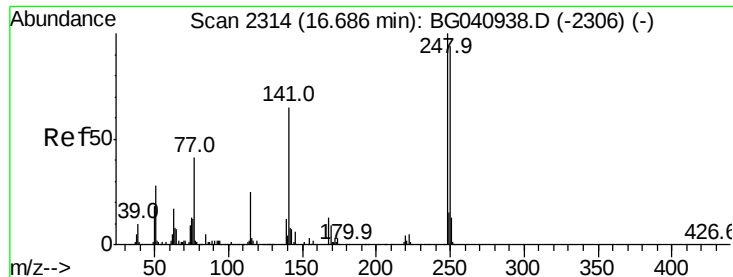
Tot Ion:198 Resp: 79743
Ion Ratio Lower Upper
198 100
51 38.8 21.6 61.6
105 33.5 17.5 57.5



#66
n-Nitrosodiphenylamine
Concen: 72.467 ng
RT: 15.98 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

Tgt Ion:169 Resp: 370310
Ion Ratio Lower Upper
169 100
168 69.3 55.7 83.5
167 38.5 30.2 45.2

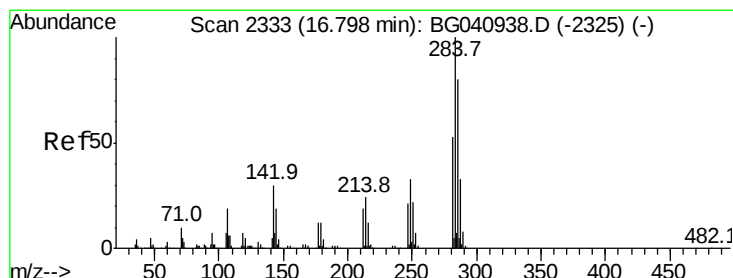
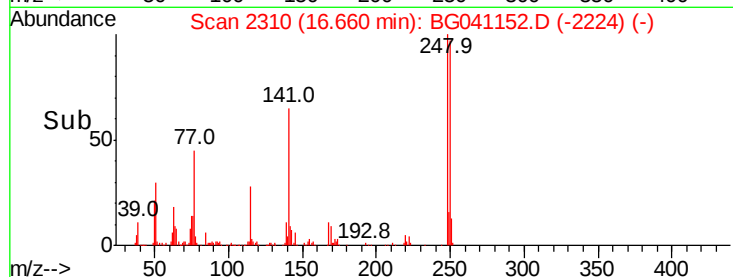
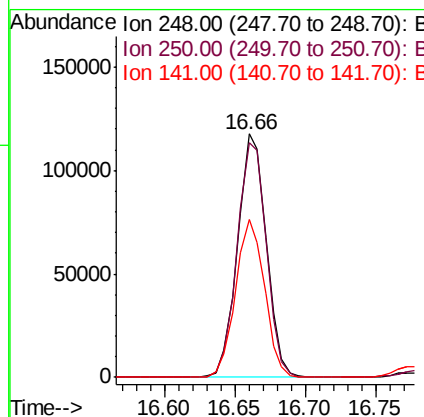
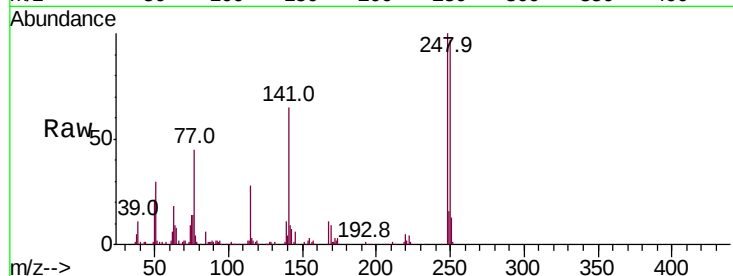




#67
4-Bromophenyl-phenylether
Concen: 68.057 ng
RT: 16.66 min Scan# 2310
Delta R.T. -0.03 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

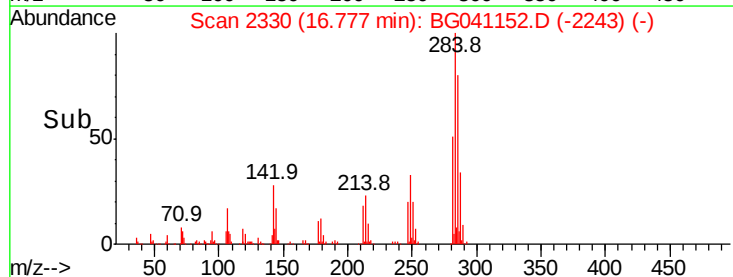
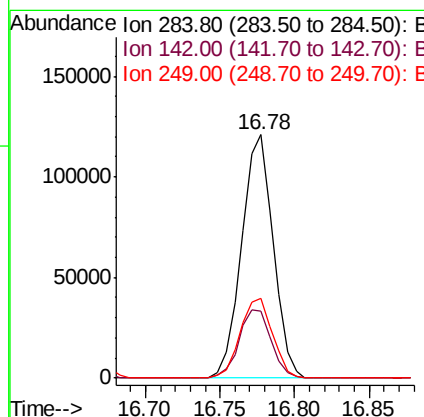
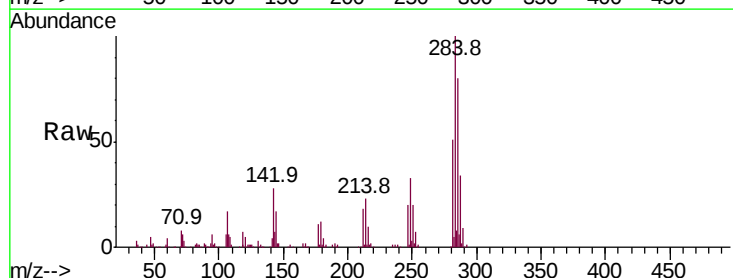
Instrument :
BNA_G
ClientSampleId :

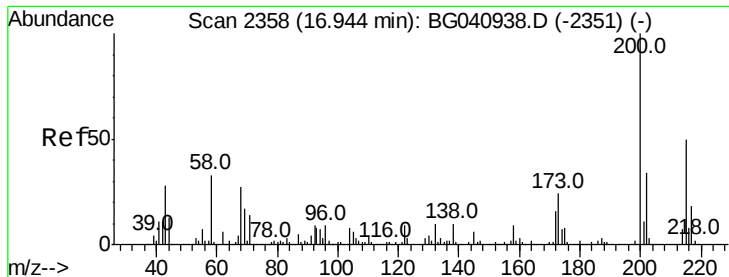
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	75.0	112.4
141	64.7	52.4	78.6



#68
Hexachlorobenzene
Concen: 67.855 ng
RT: 16.78 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.6	23.9	35.9
249	32.8	26.8	40.2

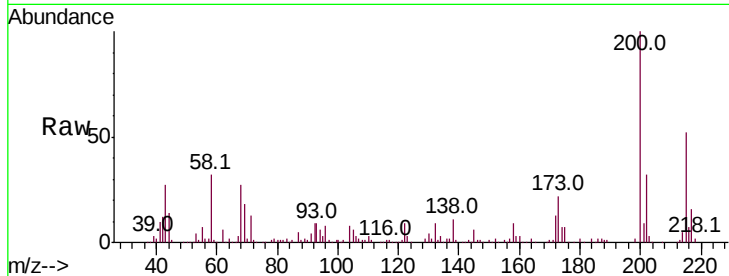




#69
Atrazine
Concen: 81.248 ng
RT: 16.92 min Scan# 2355
Delta R.T. -0.02 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.0	3.6	43.6
215	52.0	29.6	69.6

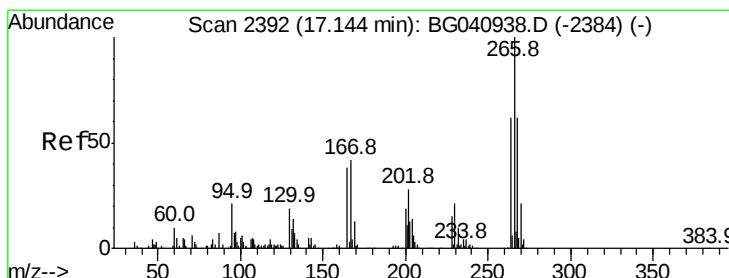
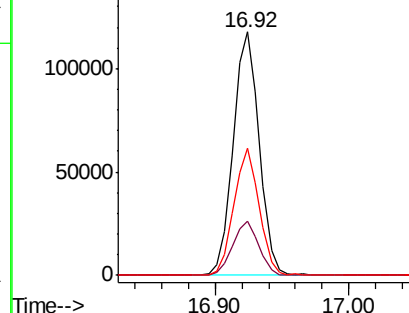
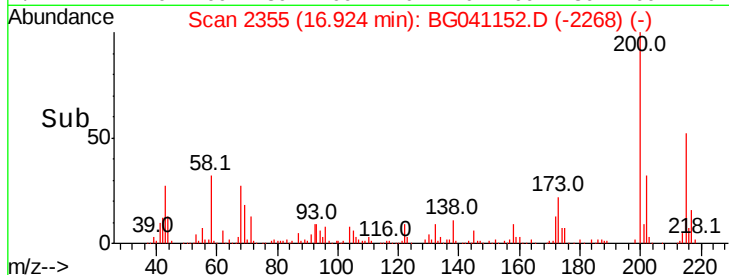


Abundance

Ion 200.00 (199.70 to 200.70): E

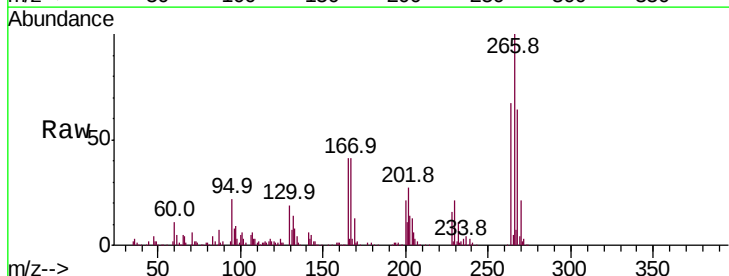
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 137.383 ng
RT: 17.12 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	53.1	79.7
264	66.7	49.9	74.9

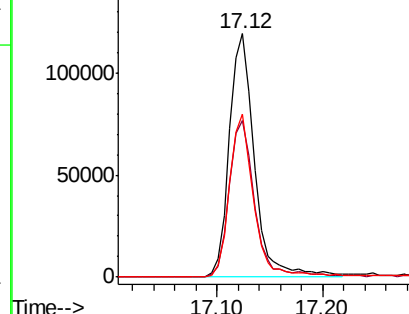
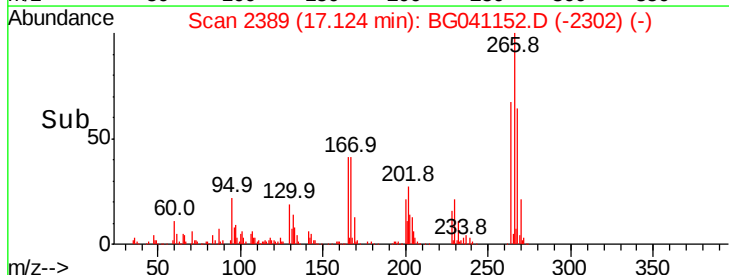


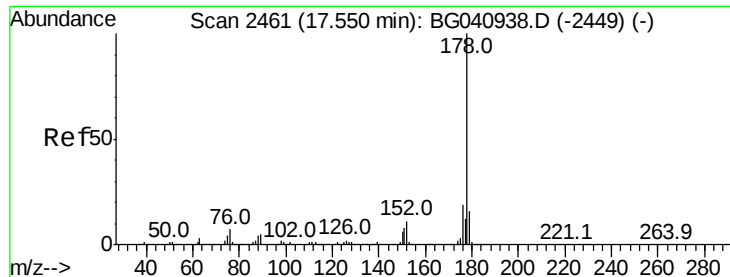
Abundance

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

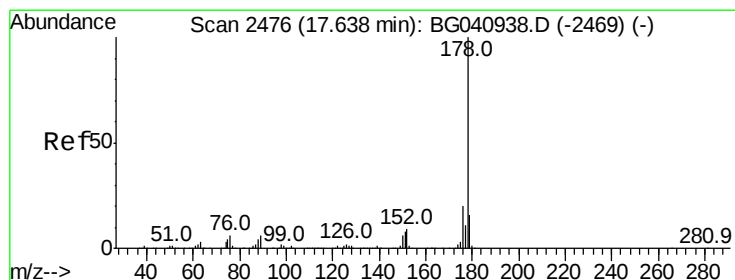
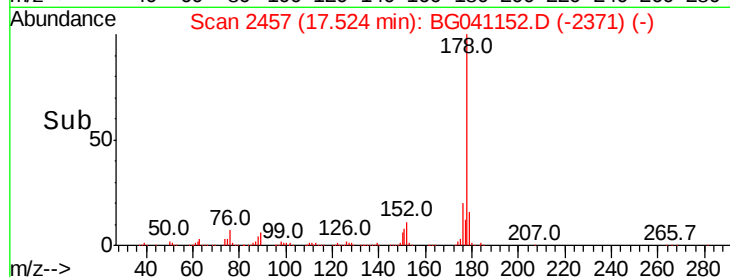
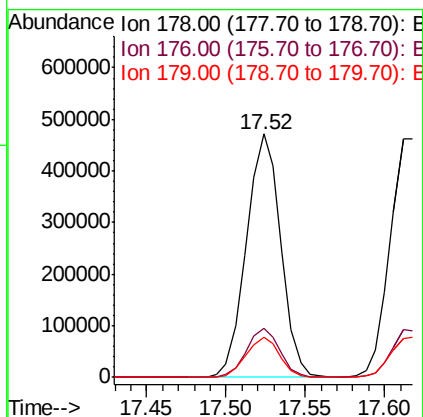
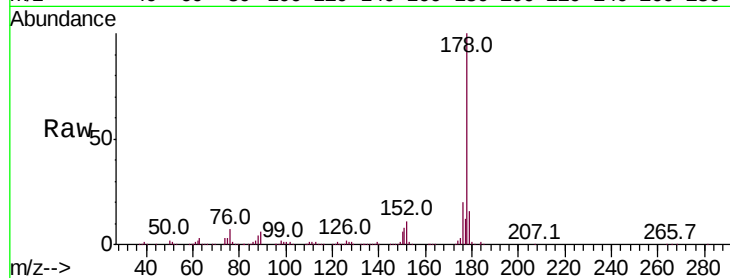




#71
Phenanthrene
Concen: 74.822 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.03 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

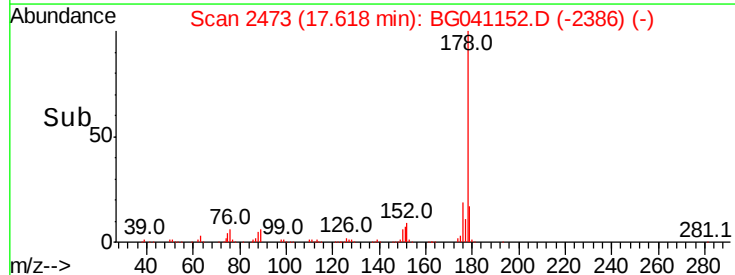
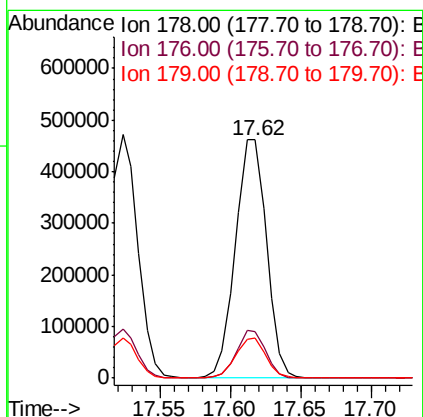
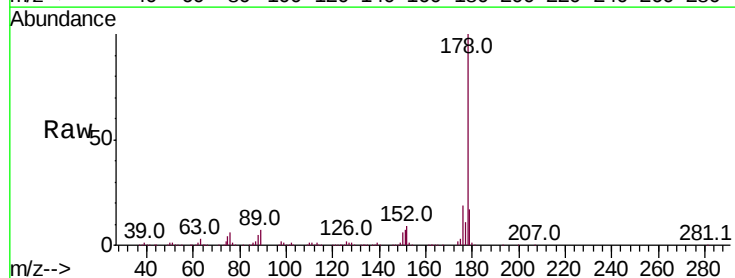
Instrument :
BNA_G
ClientSampleId :

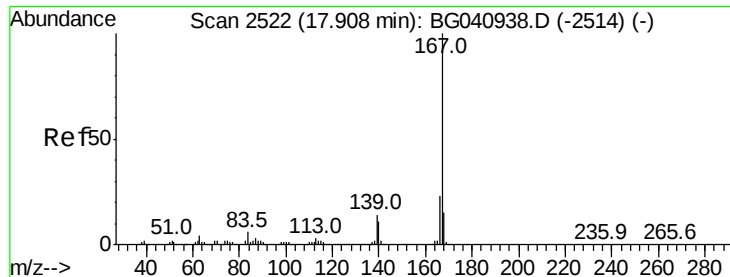
Tot Ion:178 Resp: 708466
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 16.4 12.7 19.1



#72
Anthracene
Concen: 76.575 ng
RT: 17.62 min Scan# 2473
Delta R.T. -0.02 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

Tgt Ion:178 Resp: 715110
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 16.7 13.0 19.4





#73

Carbazole

Concen: 77.425 ng

RT: 17.89 min Scan# 2519

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampled :

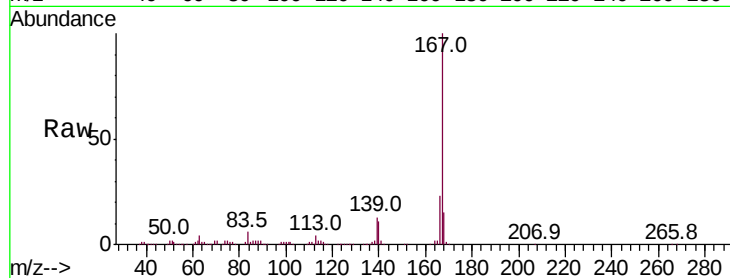
Tot Ion:167 Resp: 620400

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.4

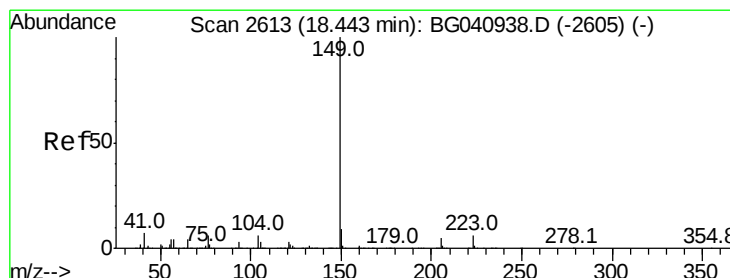
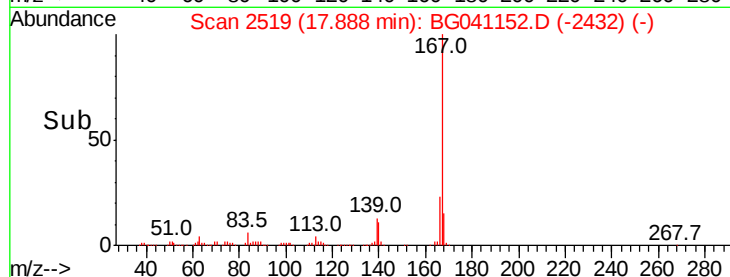
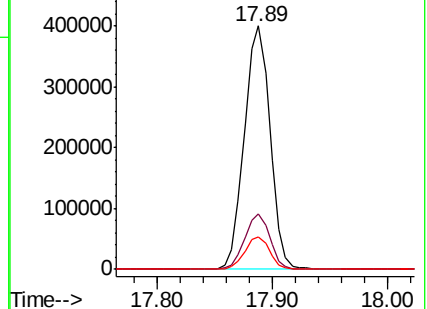
139 13.4 10.8 16.2



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: 72.808 ng

RT: 18.42 min Scan# 2609

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

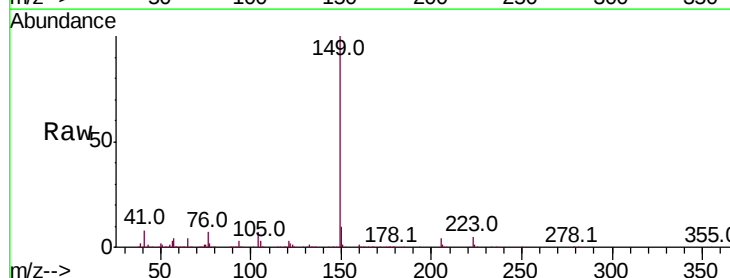
Tgt Ion:149 Resp: 725102

Ion Ratio Lower Upper

149 100

150 9.8 7.4 11.2

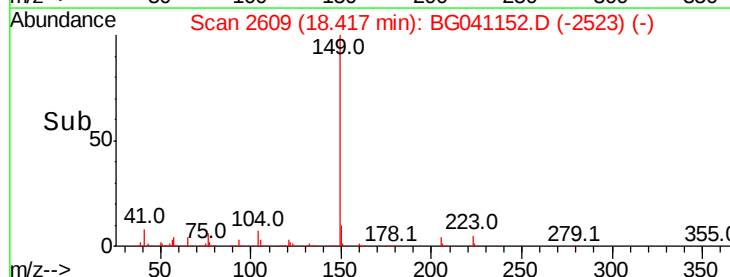
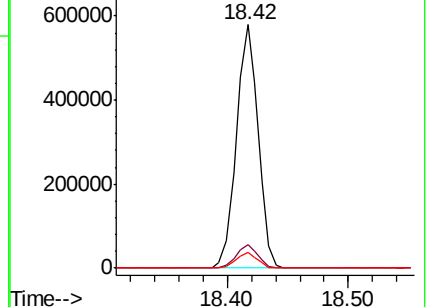
104 6.6 5.0 7.4

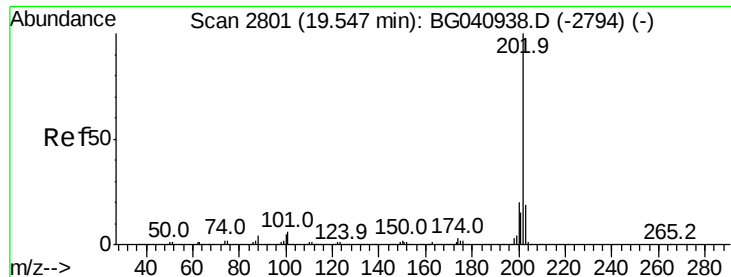


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 77.069 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

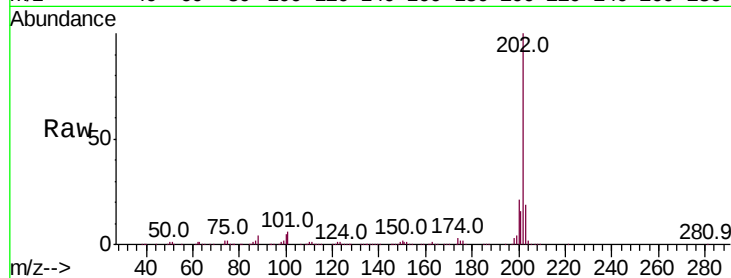
Tot Ion:202 Resp: 901357

Ion Ratio Lower Upper

202 100

101 6.1 0.0 26.2

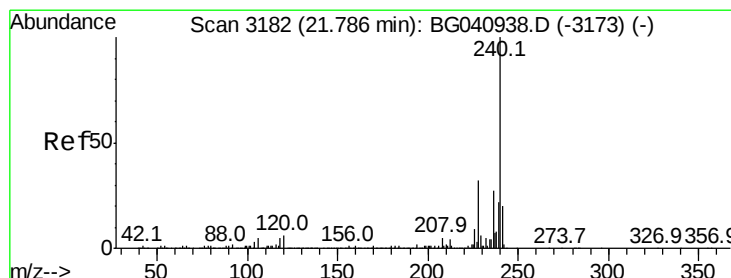
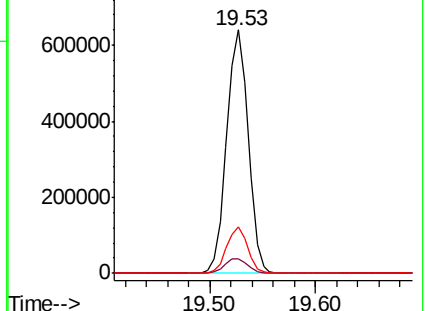
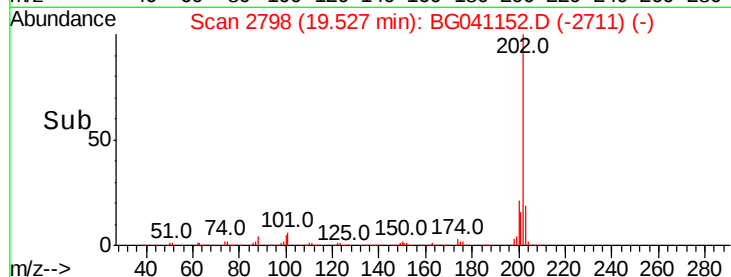
203 19.2 0.0 38.7



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: 21.76 min Scan# 3178

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

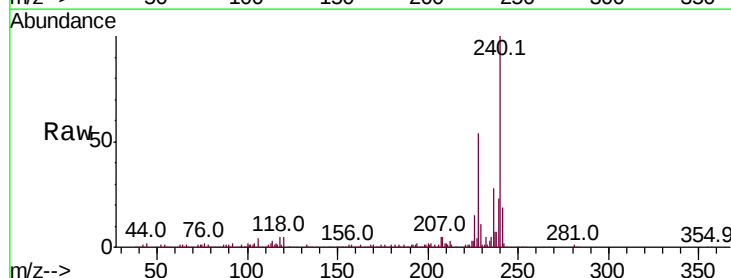
Tgt Ion:240 Resp: 178780

Ion Ratio Lower Upper

240 100

120 4.5 4.5 6.7

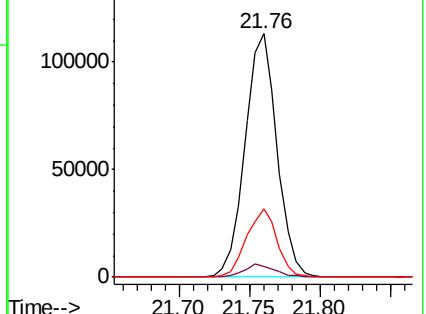
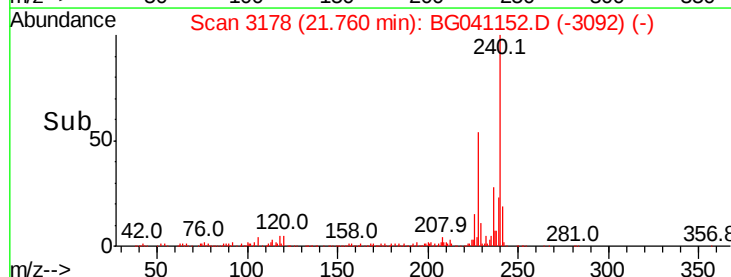
236 27.9 21.3 31.9

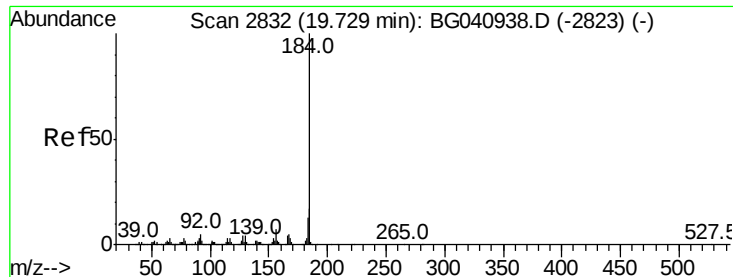


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 67.458 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampled :

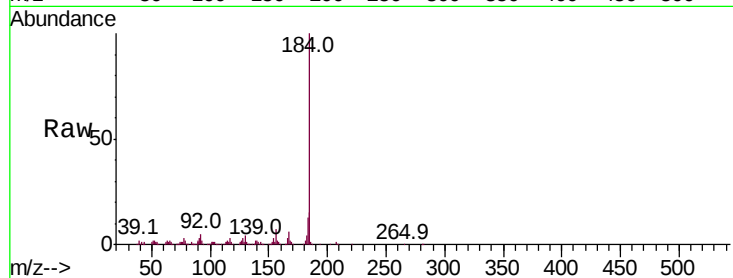
Tot Ion:184 Resp: 287700

Ion Ratio Lower Upper

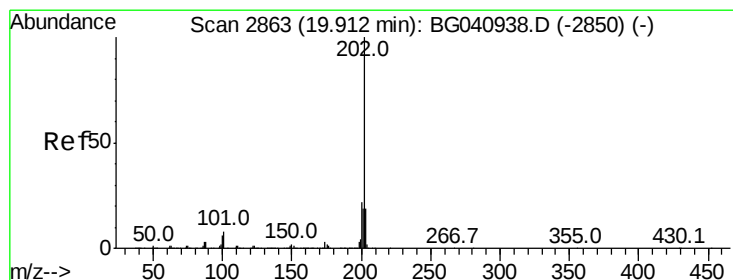
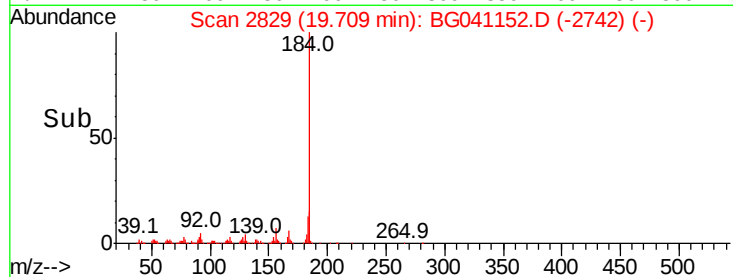
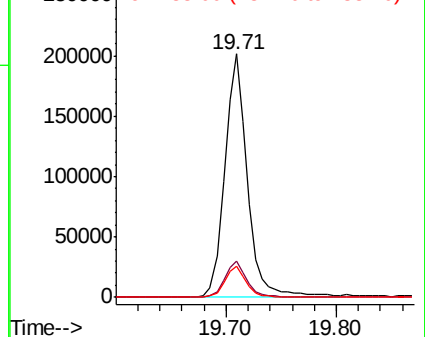
184 100

185 15.1 13.3 19.9

183 12.8 10.7 16.1



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: 78.231 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

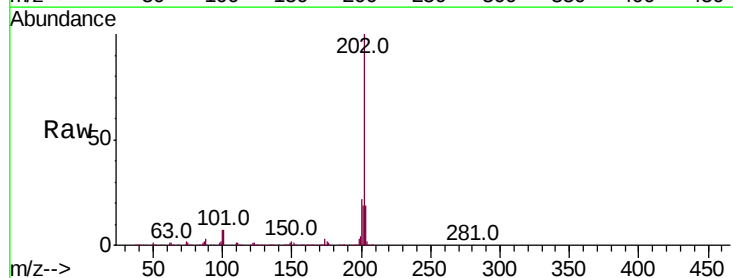
Tgt Ion:202 Resp: 909190

Ion Ratio Lower Upper

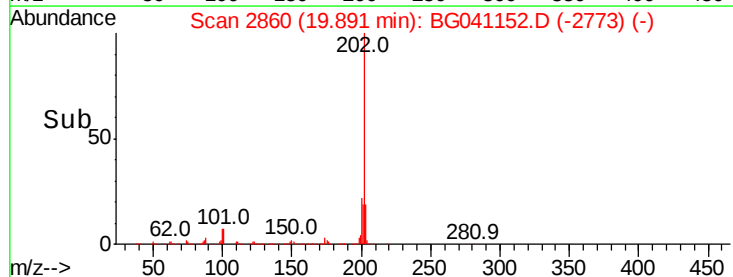
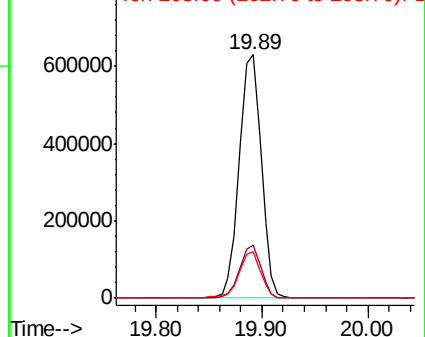
202 100

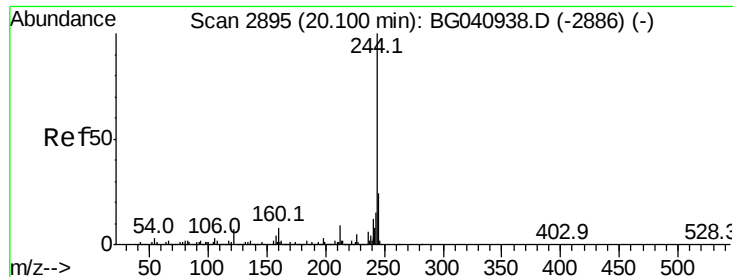
200 21.9 17.5 26.3

203 18.9 15.6 23.4



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





#79

Terphenyl-d14

Concen: 101.467 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

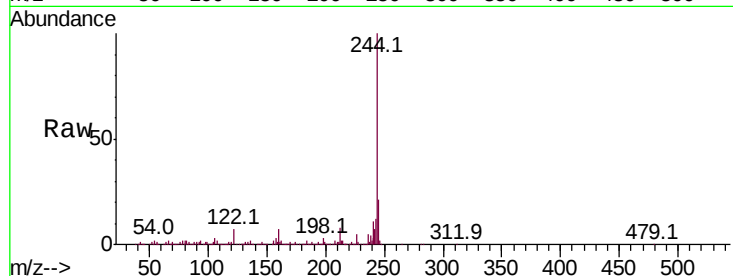
Tot Ion:244 Resp: 854732

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.4

122 6.7 5.4 8.0

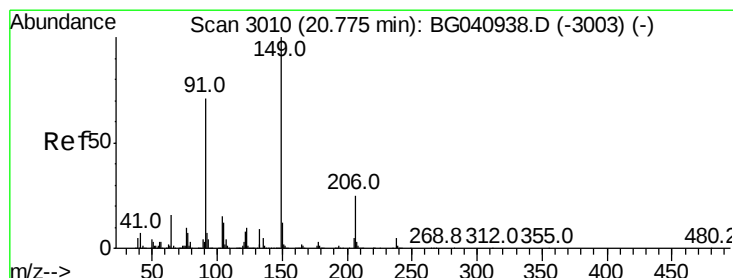
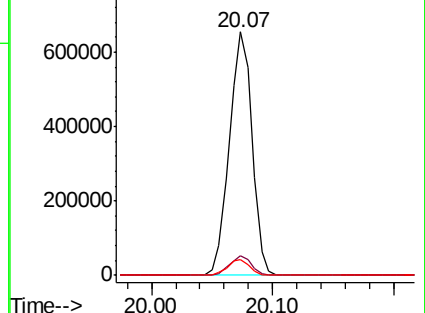
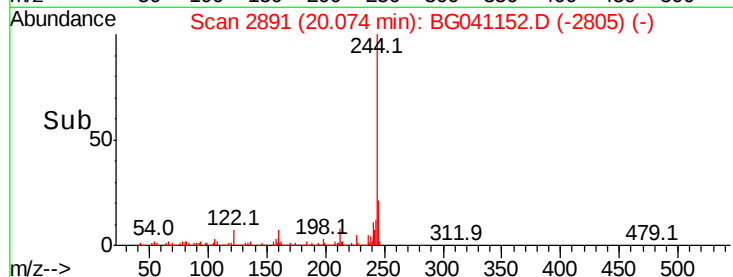


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.07



#80

Butylbenzylphthalate

Concen: 74.908 ng

RT: 20.76 min Scan# 3007

Delta R.T. -0.02 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

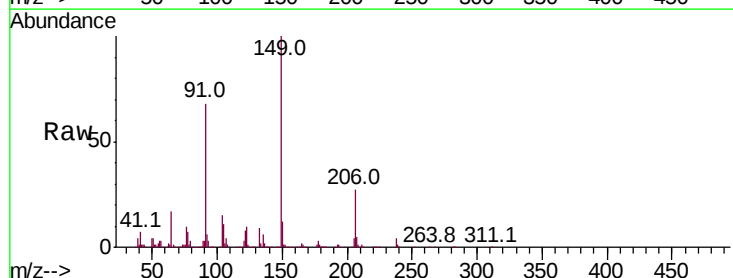
Tgt Ion:149 Resp: 338789

Ion Ratio Lower Upper

149 100

91 68.2 56.5 84.7

206 26.9 20.3 30.5

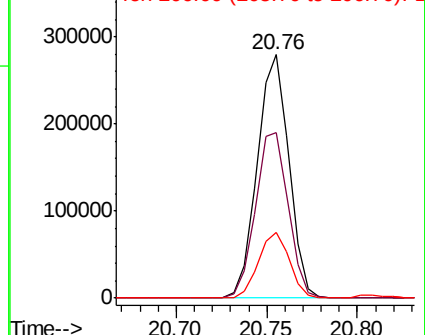
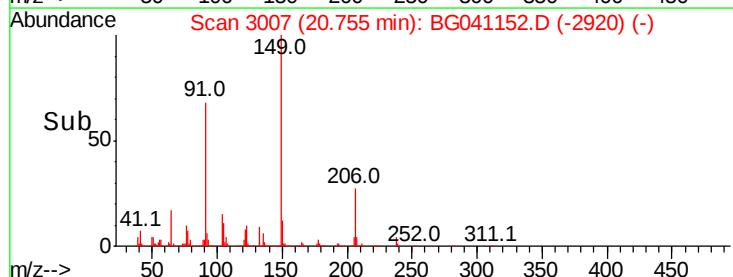


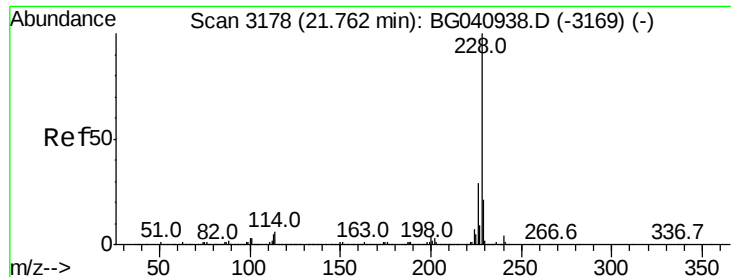
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

20.76





#81

Benzo(a)anthracene

Concen: 73.113 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

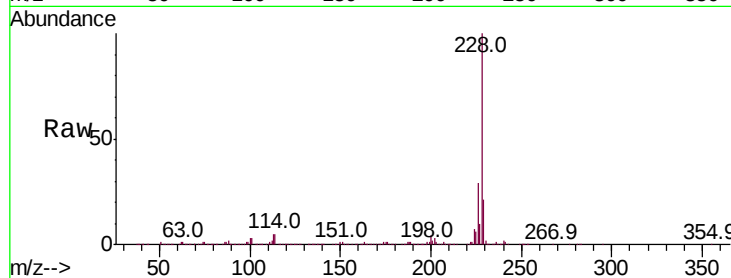
Tot Ion:228 Resp: 870096

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.5	35.3
229	20.8	16.7	25.1

228 100

226 28.7 23.5 35.3

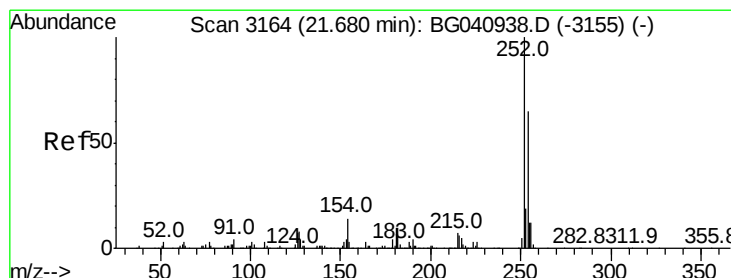
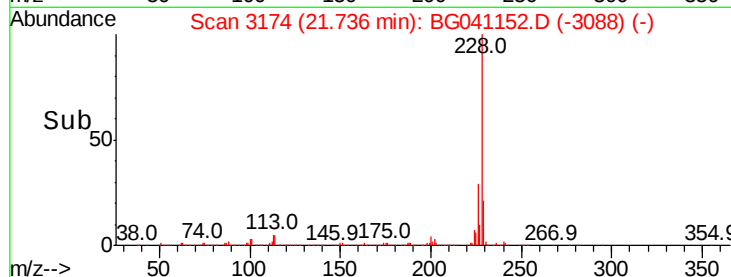
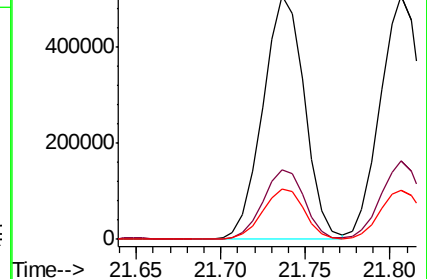
229 20.8 16.7 25.1



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



#82

3,3'-Dichlorobenzidine

Concen: 52.455 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

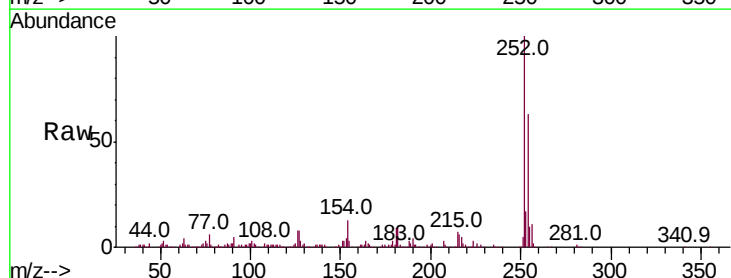
Tgt Ion:252 Resp: 219566

Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.1	78.1
126	7.6	5.5	8.3

252 100

254 62.9 52.1 78.1

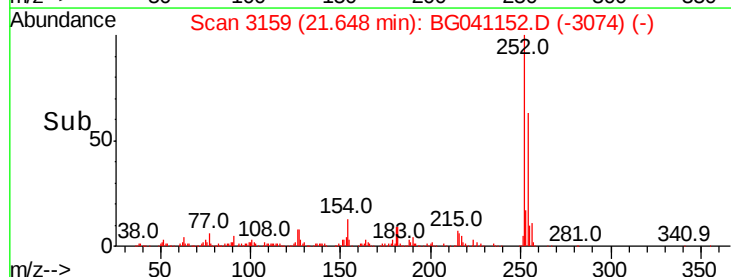
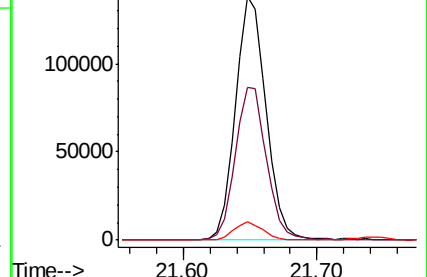
126 7.6 5.5 8.3

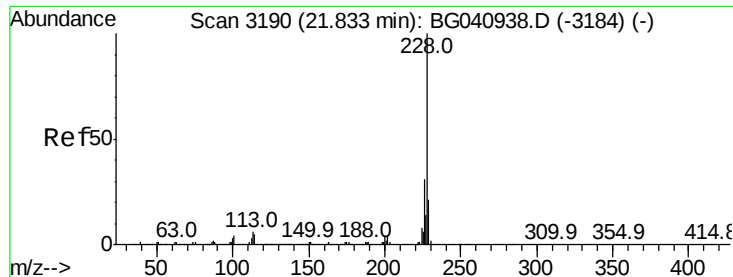


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 75.495 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

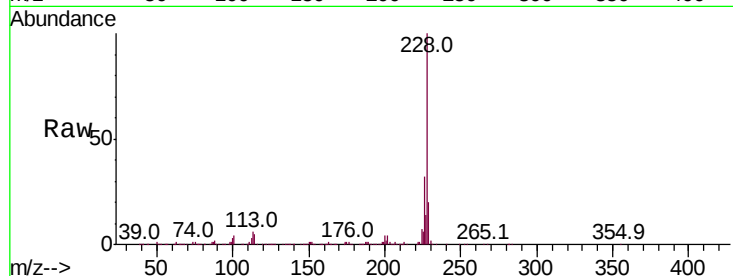
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 859771

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.6	37.0
229	20.4	16.6	24.8

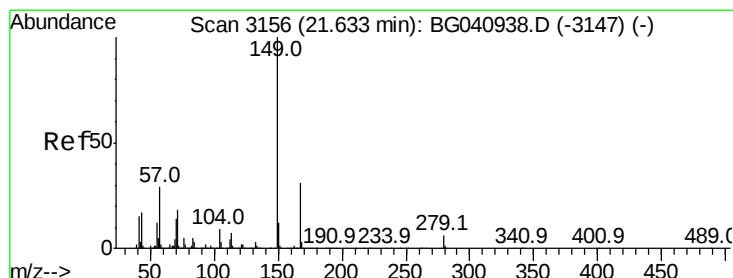
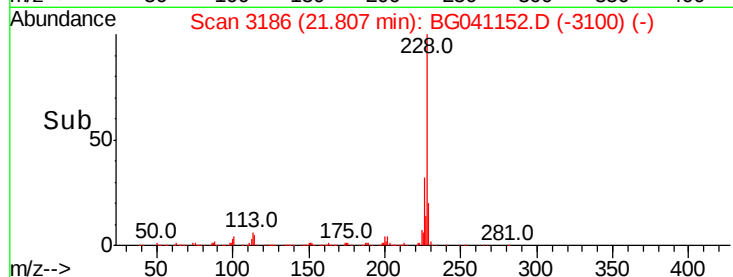
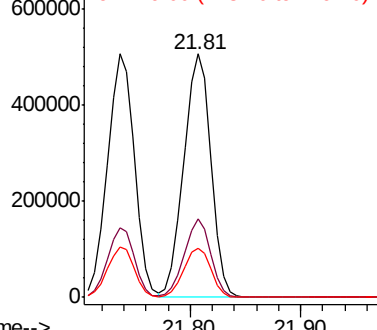


Abundance

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: 73.841 ng

RT: 21.60 min Scan# 3151

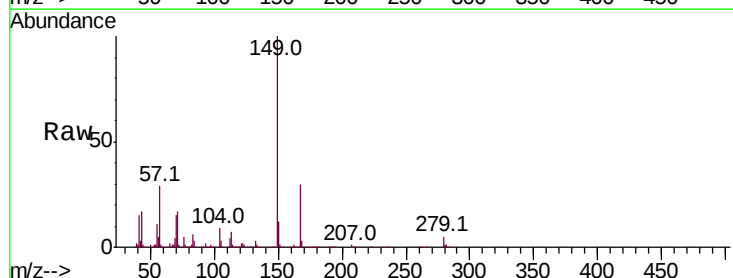
Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Tgt Ion:149 Resp: 470128

Ion	Ratio	Lower	Upper
149	100		
167	29.6	24.6	37.0
279	5.5	5.0	7.6

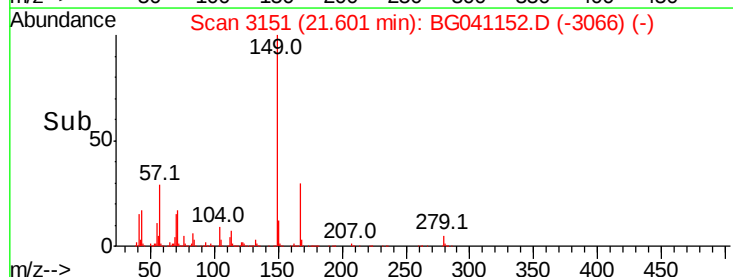
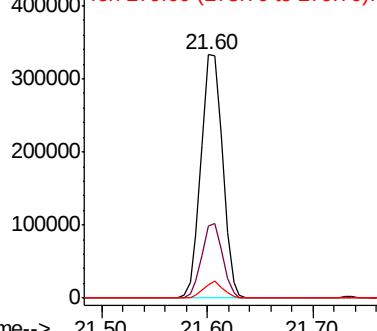


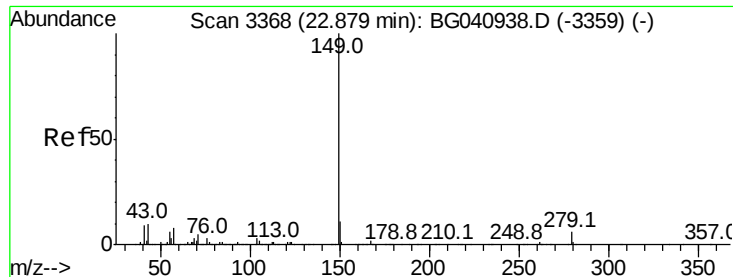
Abundance

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: 74.664 ng

RT: 22.85 min Scan# 3363

Delta R.T. -0.03 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

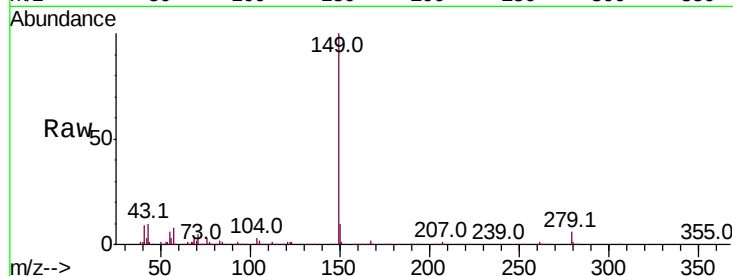
Tot Ion:149 Resp: 791693

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

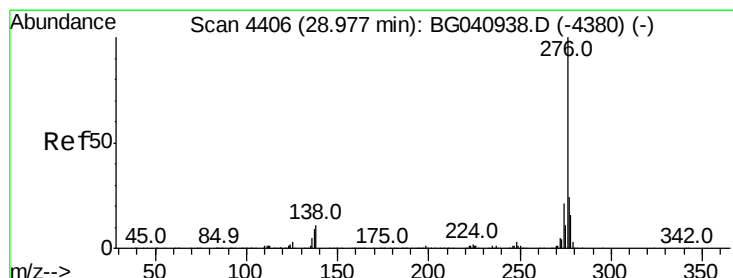
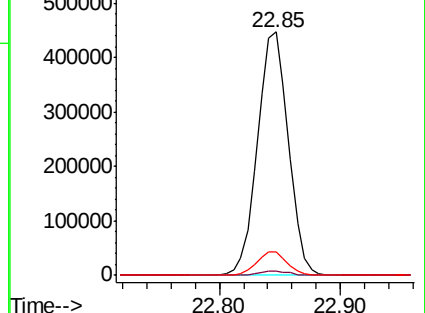
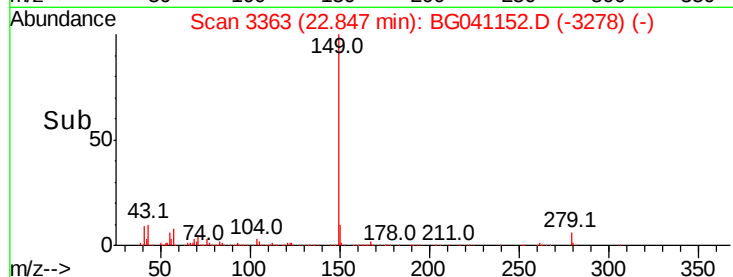
43 9.7 8.1 12.1



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 73.157 ng

RT: 28.90 min Scan# 4393

Delta R.T. -0.08 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

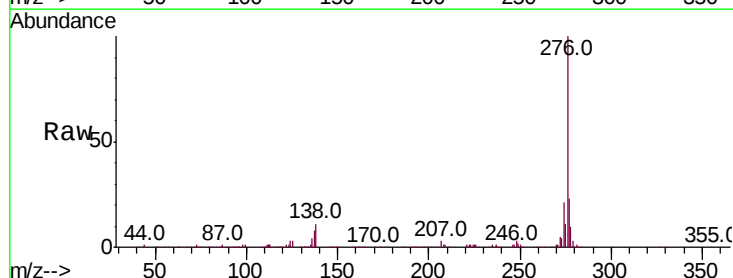
Tgt Ion:276 Resp: 1020585

Ion Ratio Lower Upper

276 100

138 12.7 5.7 8.5#

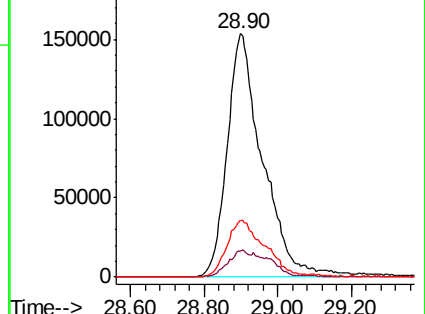
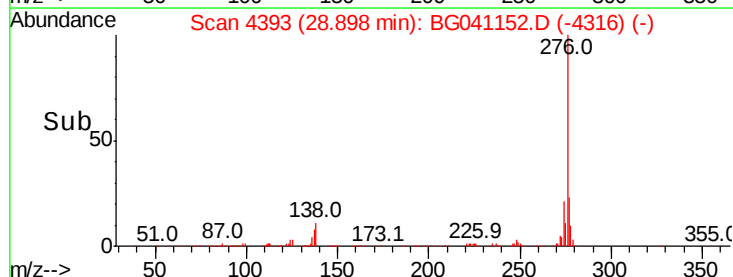
277 25.0 20.8 31.2

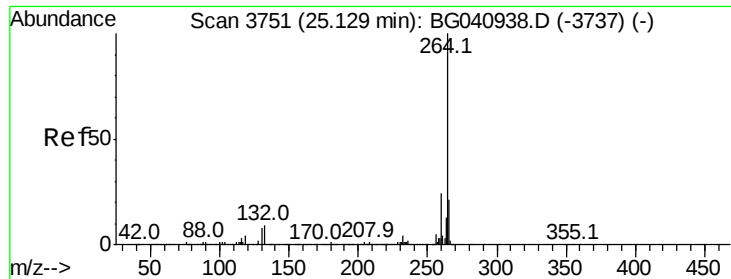


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.05 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampleId :

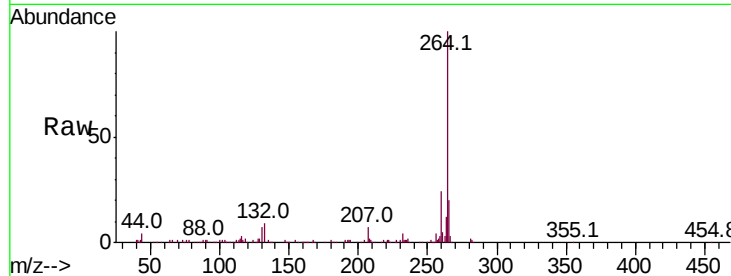
Tot Ion:264 Resp: 183712

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

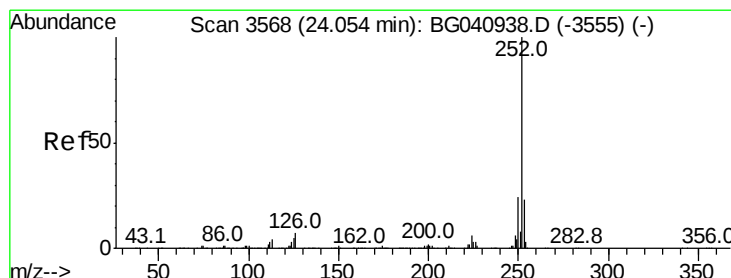
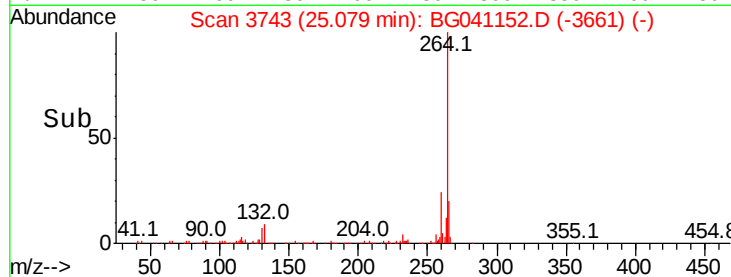
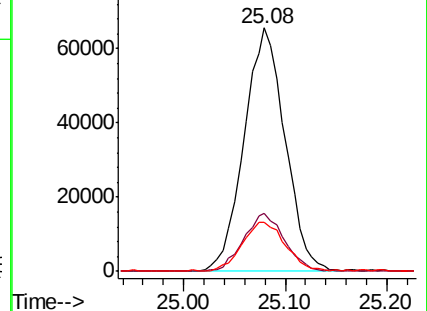
265 20.3 17.0 25.4



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: 78.187 ng

RT: 24.02 min Scan# 3562

Delta R.T. -0.04 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

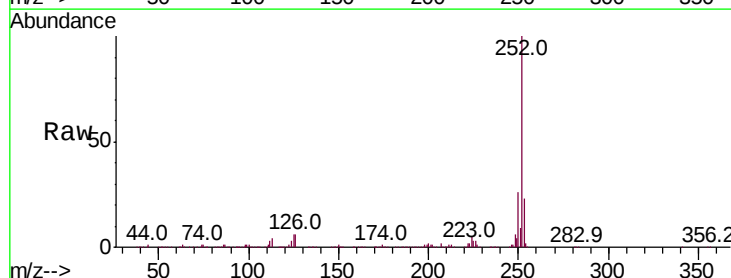
Tgt Ion:252 Resp: 871222

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

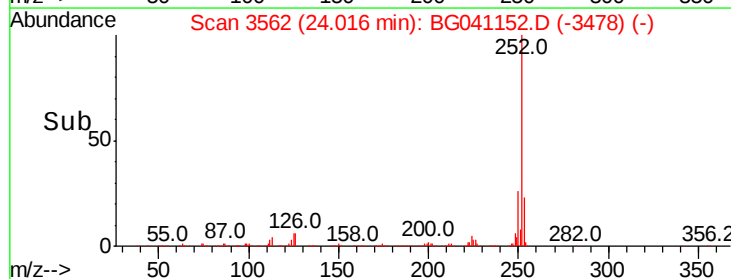
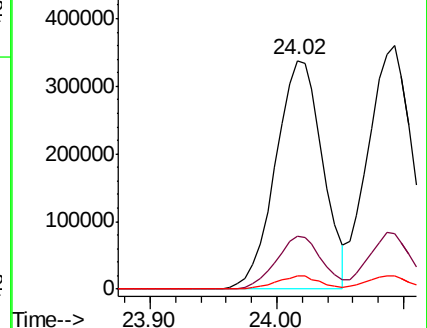
125 5.6 4.3 6.5

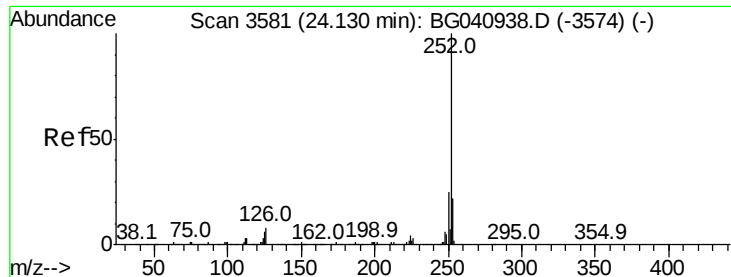


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 79.103 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.04 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

Instrument :

BNA_G

ClientSampled :

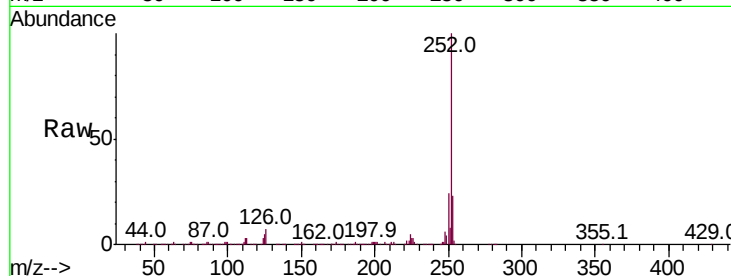
Tot Ion:252 Resp: 872229

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

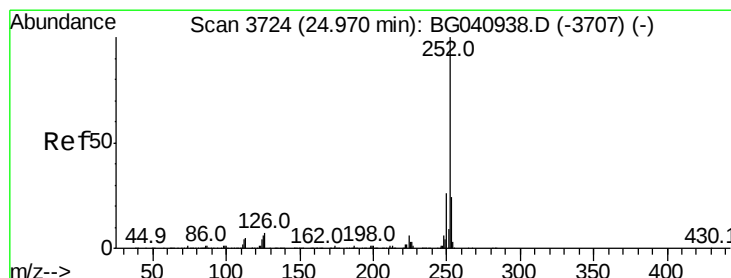
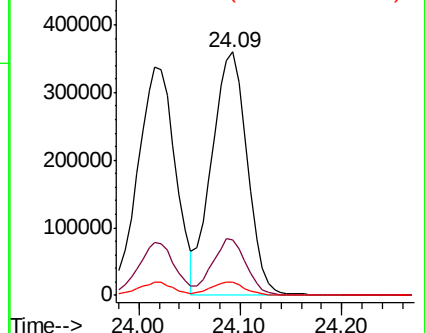
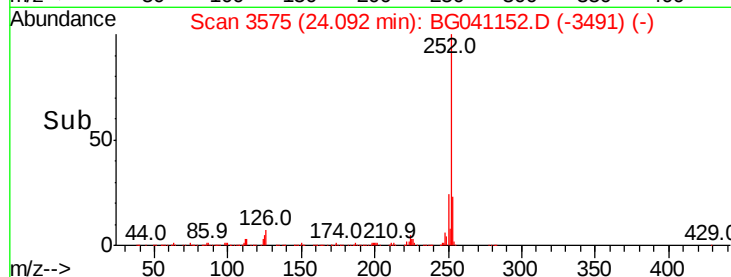
125 5.4 4.7 7.1



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: 81.150 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.04 min

Lab File: BG041152.D

Acq: 9 Jun 2019 4:10

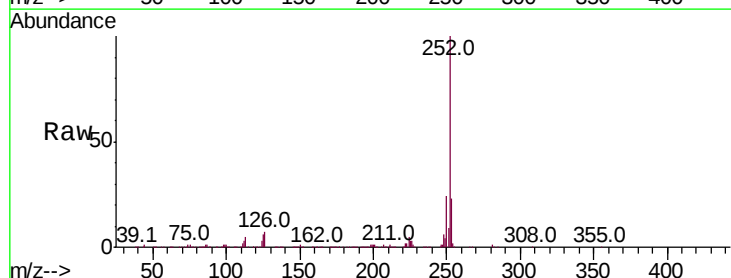
Tgt Ion:252 Resp: 862709

Ion Ratio Lower Upper

252 100

253 22.8 19.5 29.3

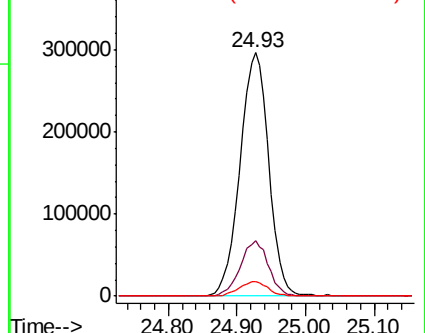
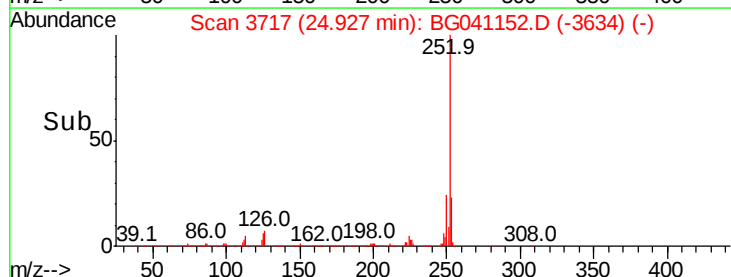
125 5.9 5.1 7.7

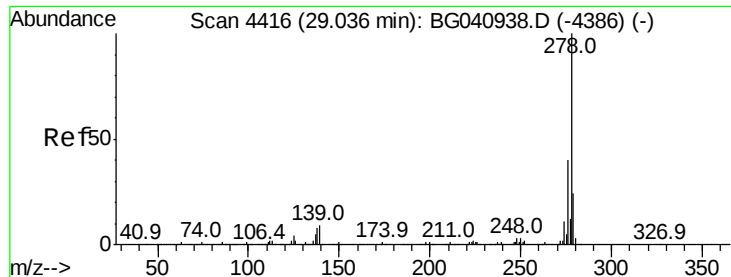


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

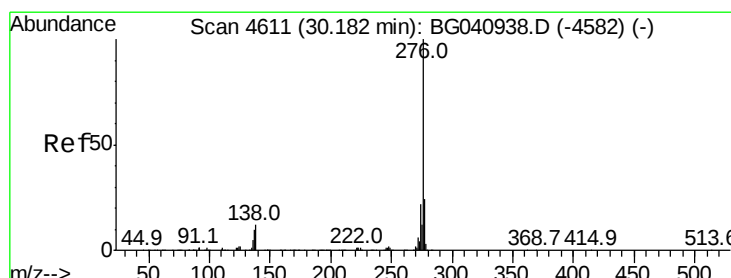
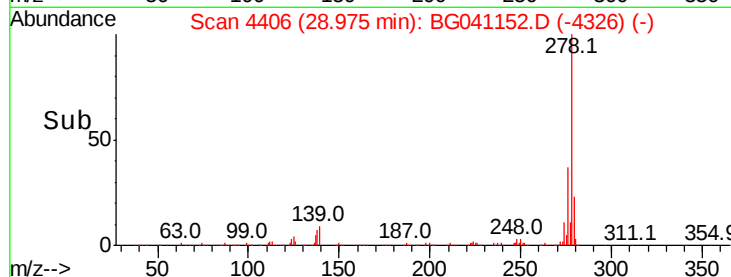
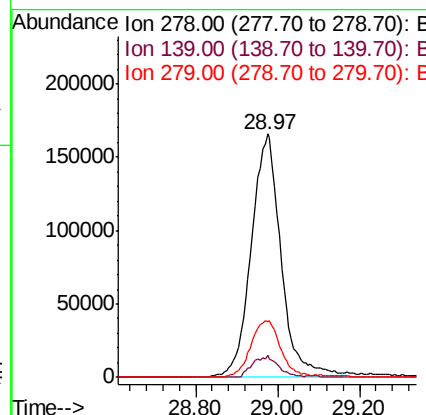
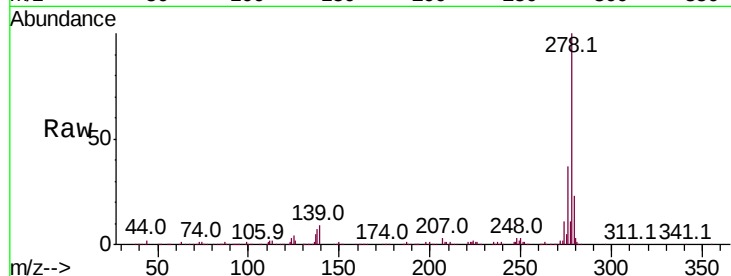




#91
Dibenzo(a,h)anthracene
Concen: 79.045 ng
RT: 28.97 min Scan# 4406
Delta R.T. -0.06 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	7.1	10.7
279	22.8	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 74.967 ng
RT: 30.10 min Scan# 4598
Delta R.T. -0.08 min
Lab File: BG041152.D
Acq: 9 Jun 2019 4:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.4	29.0
138	10.4	9.7	14.5

