

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040956.D
 Acq On : 30 May 2019 18:55
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 31 04:03:29 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	8.12	152	63918	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	271984	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	192836	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	490188	20.00	ng	0.00
76) Chrysene-d12	21.78	240	479070	20.00	ng	0.00
87) Perylene-d12	25.12	264	503620	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	305231	86.11	ng	0.00
7) Phenol-d6	7.27	99	437580	79.93	ng	0.00
23) Nitrobenzene-d5	9.30	82	506136	82.61	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	236158	82.49	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1107461	82.71	ng	0.00
79) Terphenyl-d14	20.09	244	1861770	82.48	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	63330	39.372	ng	92
3) Pyridine	3.93	79	203239	42.702	ng	96
4) n-Nitrosodimethylamine	3.86	42	102090	46.217	ng	# 89
6) Aniline	7.45	93	307321	42.058	ng	98
8) 2-Chlorophenol	7.68	128	173229	40.992	ng	94
9) Benzaldehyde	7.27	77	142446	43.620	ng	90
10) Phenol	7.30	94	233148	39.721	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	179721	42.207	ng	99
12) 1,3-Dichlorobenzene	8.01	146	218111	43.214	ng	95
13) 1,4-Dichlorobenzene	8.16	146	215920	42.263	ng	96
14) 1,2-Dichlorobenzene	8.48	146	207423	41.815	ng	100
15) Benzyl Alcohol	8.36	79	209836	41.437	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.65	45	288082	41.403	ng	97
17) 2-Methylphenol	8.55	107	165845	39.023	ng	96
18) Hexachloroethane	9.21	117	83972	42.645	ng	98
19) n-Nitroso-di-n-propylamine	8.93	70	175264	41.602	ng	98
20) 3+4-Methylphenols	8.89	107	229156	38.926	ng	98
22) Acetophenone	8.95	105	315971	41.414	ng	# 98
24) Nitrobenzene	9.35	77	259255	41.524	ng	96
25) Isophorone	9.86	82	483546	41.472	ng	99
26) 2-Nitrophenol	10.06	139	109364	42.489	ng	99
27) 2,4-Dimethylphenol	10.10	122	168020	39.525	ng	97
28) bis(2-Chloroethoxy)methane	10.34	93	259482	41.234	ng	100
29) 2,4-Dichlorophenol	10.59	162	207560	38.450	ng	97
30) 1,2,4-Trichlorobenzene	10.80	180	249583	40.642	ng	99
31) Naphthalene	11.00	128	589856	40.393	ng	99
32) Benzoic acid	10.24	122	125168	39.584	ng	96
33) 4-Chloroaniline	11.11	127	271392	40.054	ng	97
34) Hexachlorobutadiene	11.26	225	192727	41.016	ng	98
35) Caprolactam	11.90	113	72242	40.525	ng	98
36) 4-Chloro-3-methylphenol	12.21	107	235555	38.208	ng	97
37) 2-Methylnaphthalene	12.59	142	439598	39.086	ng	98
38) 1-Methylnaphthalene	12.59	142	439598	41.478	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	321000	41.300	ng	99

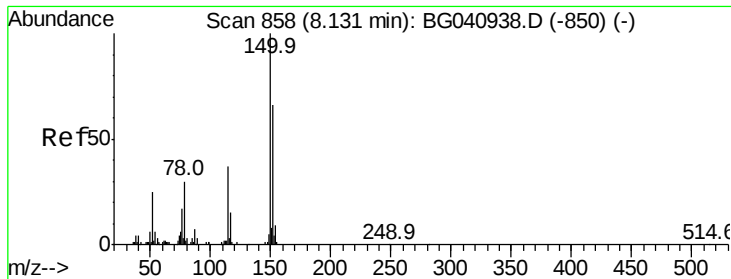
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040956.D
 Acq On : 30 May 2019 18:55
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 31 04:03:29 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	12.92	237	193158	49.708	ng	97
43) 2,4,6-Trichlorophenol	13.19	196	207004	41.170	ng	94
44) 2,4,5-Trichlorophenol	13.26	196	210894	39.771	ng	98
46) 1,1'-Biphenyl	13.59	154	579551	40.602	ng	98
47) 2-Chloronaphthalene	13.64	162	502668	41.020	ng	99
48) 2-Nitroaniline	13.85	65	191328	43.522	ng	100
49) Acenaphthylene	14.48	152	749476	40.637	ng	99
50) Dimethylphthalate	14.20	163	675965	41.410	ng	99
51) 2,6-Dinitrotoluene	14.33	165	145770	41.418	ng	97
52) Acenaphthene	14.82	154	448690	40.159	ng	95
53) 3-Nitroaniline	14.67	138	146825	41.719	ng	94
54) 2,4-Dinitrophenol	14.87	184	95564	59.315	ng	96
55) Dibenzofuran	15.15	168	760284	40.441	ng	99
56) 4-Nitrophenol	14.95	139	112789	46.723	ng	91
57) 2,4-Dinitrotoluene	15.12	165	208259	41.890	ng	98
58) Fluorene	15.80	166	601933	40.204	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.37	232	213150	40.902	ng	99
60) Diethylphthalate	15.55	149	682521	40.971	ng	98
61) 4-Chlorophenyl-phenylether	15.79	204	395193	40.610	ng	96
62) 4-Nitroaniline	15.83	138	158559	42.556	ng	96
63) Azobenzene	16.08	77	616295	40.704	ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	127934	48.579	ng	97
66) n-Nitrosodiphenylamine	16.00	169	553624	40.177	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	260535	39.384	ng	99
68) Hexachlorobenzene	16.79	284	281095	39.904	ng	99
69) Atrazine	16.94	200	231626	43.563	ng	98
70) Pentachlorophenol	17.14	266	163155	45.192	ng	99
71) Phenanthrene	17.54	178	1034620	40.521	ng	98
72) Anthracene	17.63	178	1032005	40.981	ng	99
73) Carbazole	17.90	167	908523	42.046	ng	99
74) Di-n-butylphthalate	18.44	149	1119468	41.685	ng	97
75) Fluoranthene	19.54	202	1310822	41.564	ng	98
77) Benzidine	19.72	184	502173	43.941	ng	97
78) Pyrene	19.90	202	1323223	42.489	ng	99
80) Butylbenzylphthalate	20.77	149	506579	41.799	ng	99
81) Benzo(a)anthracene	21.75	228	1285117	40.299	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	471881	42.071	ng	99
83) Chrysene	21.83	228	1231790	40.364	ng	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	687536	40.299	ng	98
85) Di-n-octyl phthalate	22.87	149	1142477	40.209	ng	99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1457169	38.979	ng	100
88) Benzo(b)fluoranthene	24.05	252	1256502	41.134	ng	100
89) Benzo(k)fluoranthene	24.12	252	1225381	40.538	ng	99
90) Benzo(a)pyrene	24.96	252	1195416	41.019	ng	98
91) Dibenzo(a,h)anthracene	29.02	278	1178852	40.482	ng	98
92) Benzo(g,h,i)perylene	30.17	276	1166570	41.234	ng	99

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

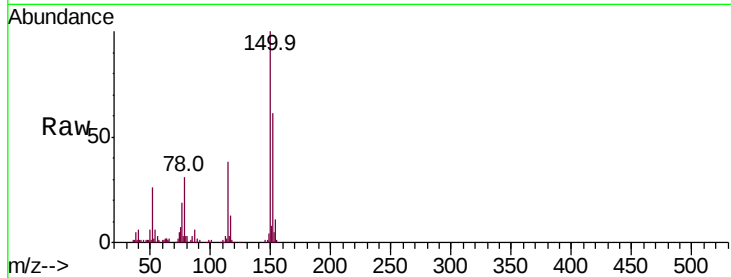


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.8	120.6	180.8
115	63.1	45.1	67.7

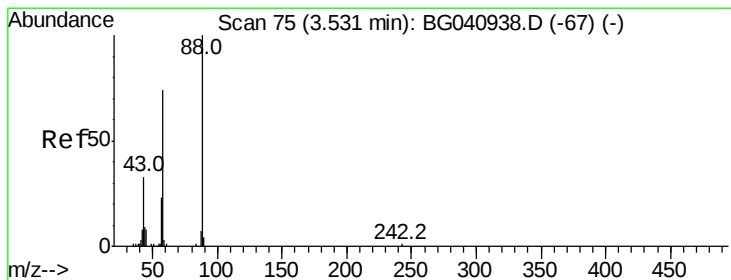
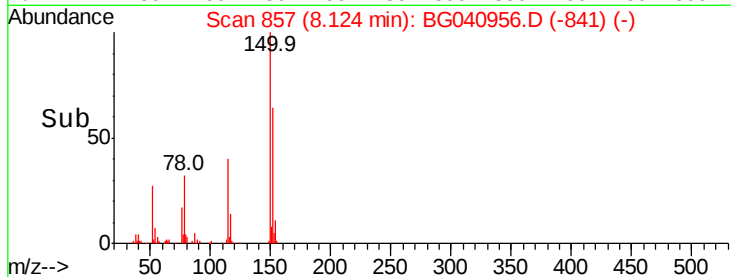
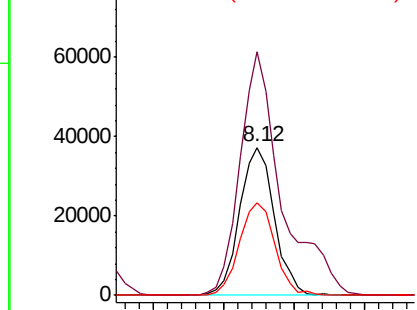


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

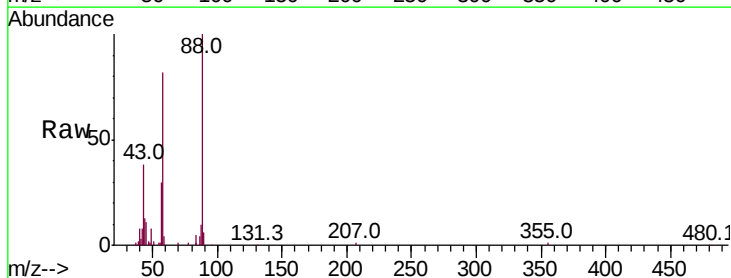
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.372 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.4	59.0	88.6
43	36.7	27.2	40.8

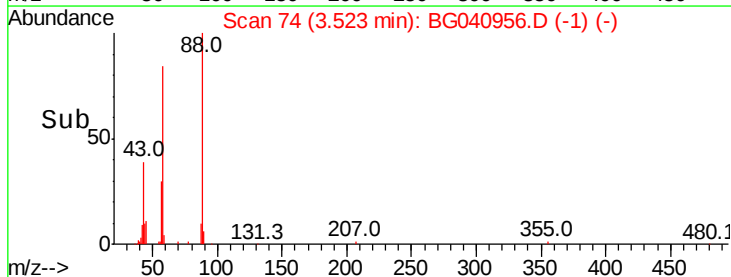
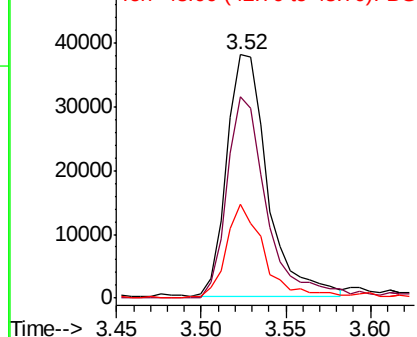


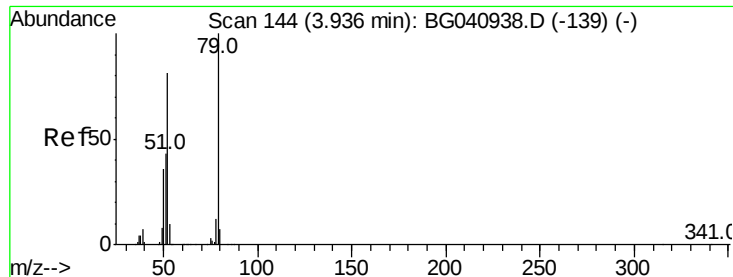
Abundance

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: 42.702 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

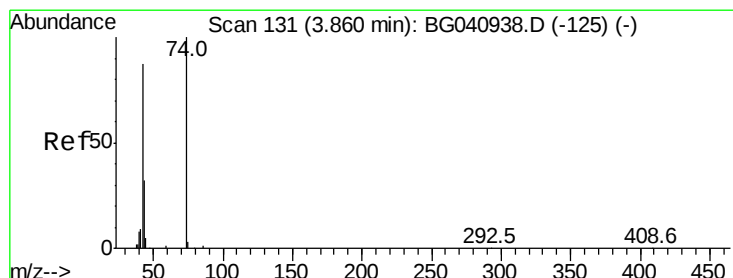
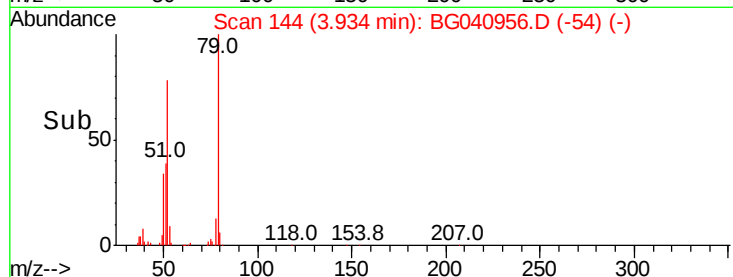
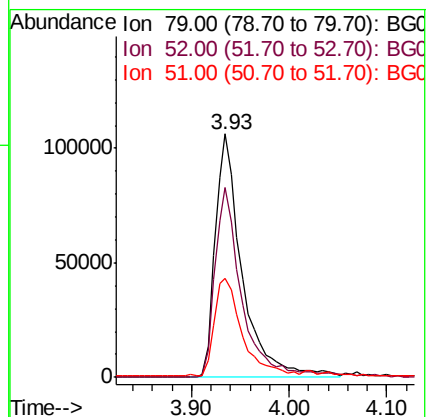
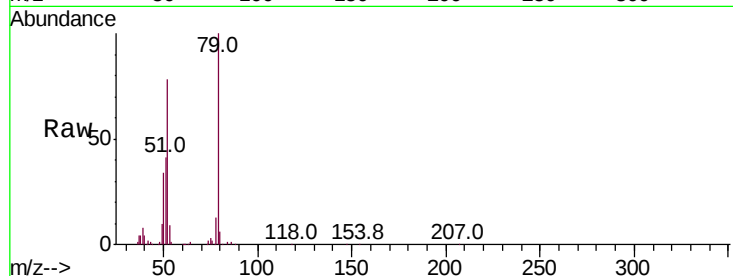
Tot Ion: 79 Resp: 203239

Ion Ratio Lower Upper

79 100

52 78.1 64.8 97.2

51 40.7 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 46.217 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

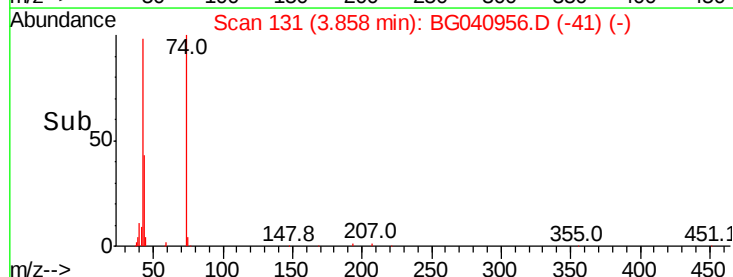
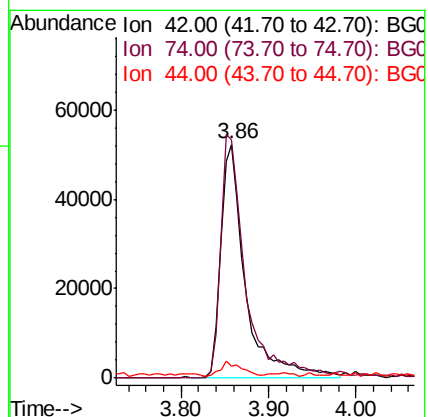
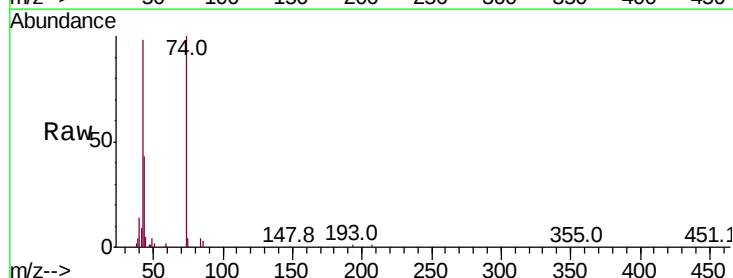
Tgt Ion: 42 Resp: 102090

Ion Ratio Lower Upper

42 100

74 102.4 91.8 137.6

44 5.2 6.0 9.0#





#5

2-Fluorophenol

Concen: 86.110 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

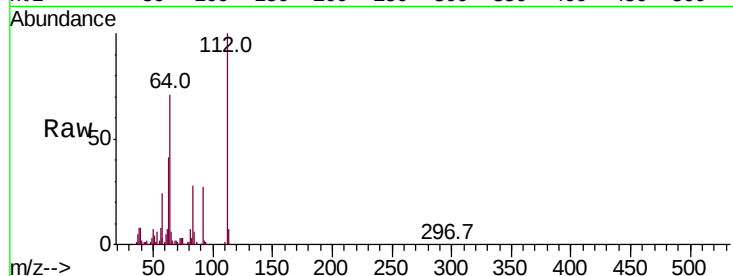
Tot Ion:112 Resp: 305231

Ion Ratio Lower Upper

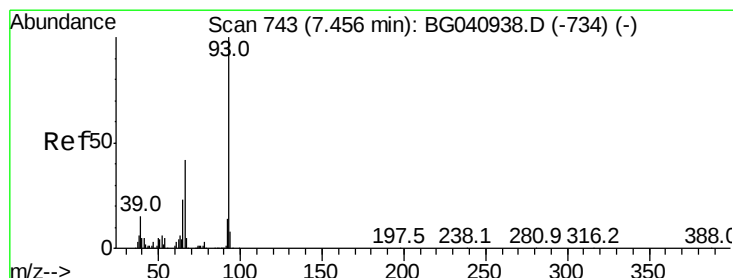
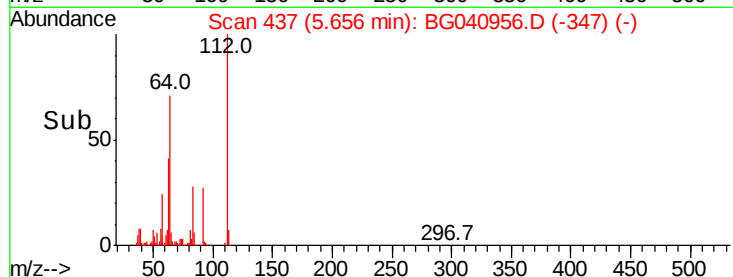
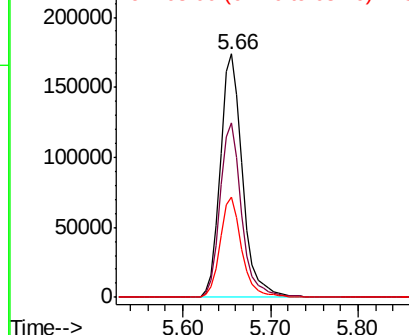
112 100

64 71.5 56.2 84.2

63 41.3 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: 42.058 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

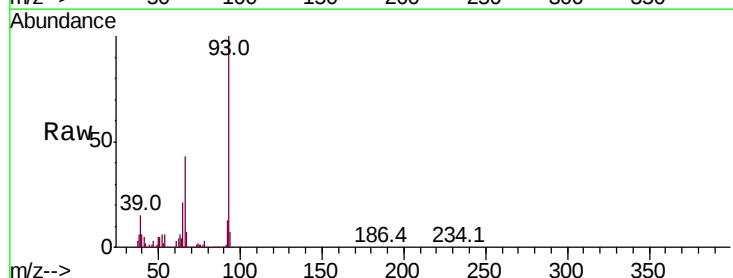
Tgt Ion: 93 Resp: 307321

Ion Ratio Lower Upper

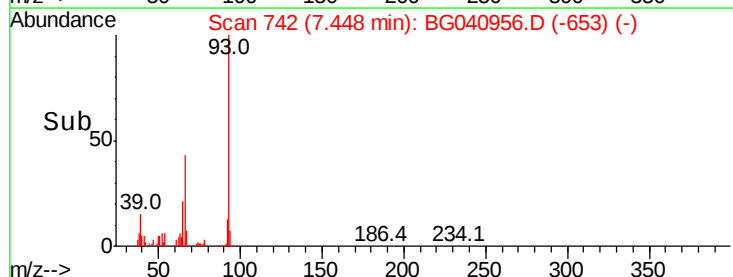
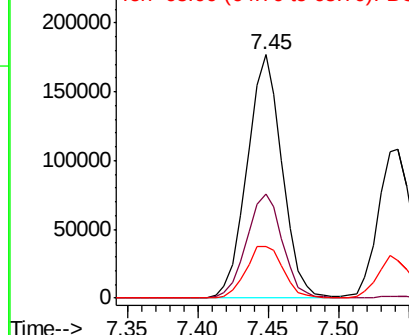
93 100

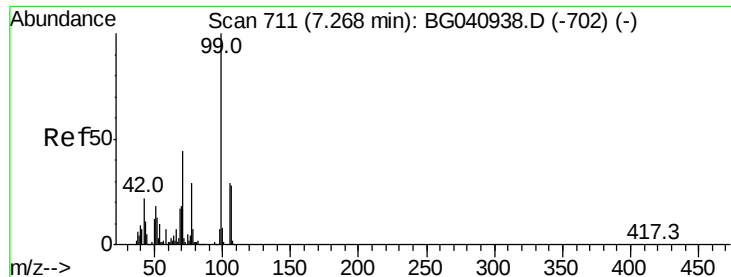
66 42.8 33.8 50.8

65 21.3 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: 79.932 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

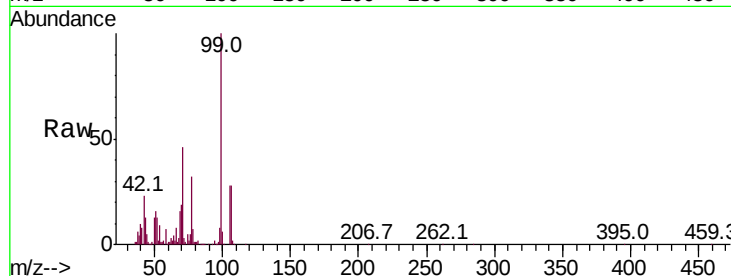
Tot Ion: 99 Resp: 437580

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

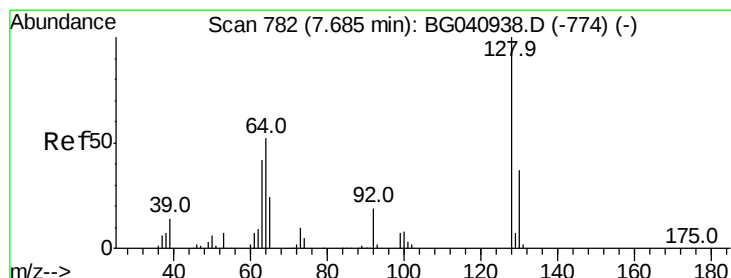
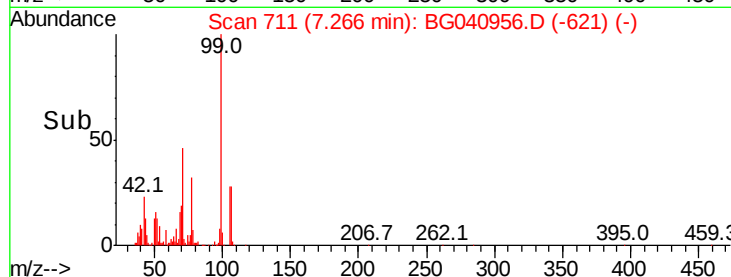
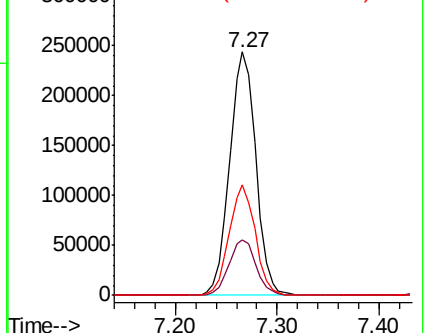
71 45.6 35.4 53.0



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.992 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

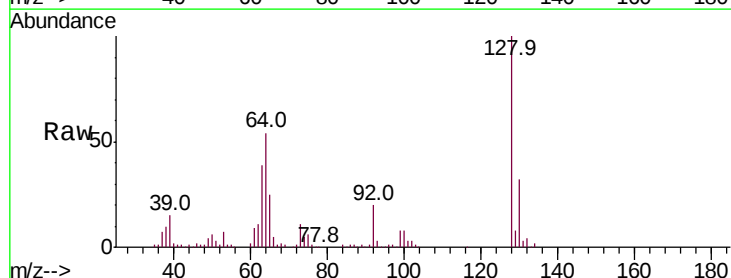
Tgt Ion: 128 Resp: 173229

Ion Ratio Lower Upper

128 100

130 32.2 16.6 56.6

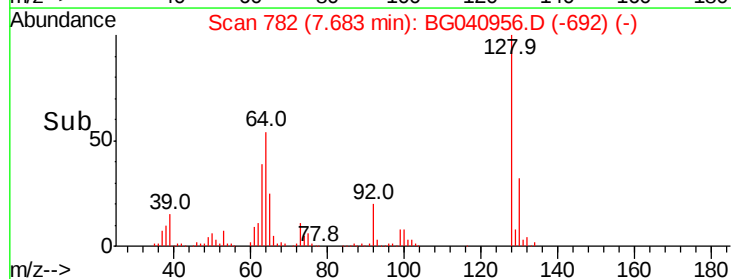
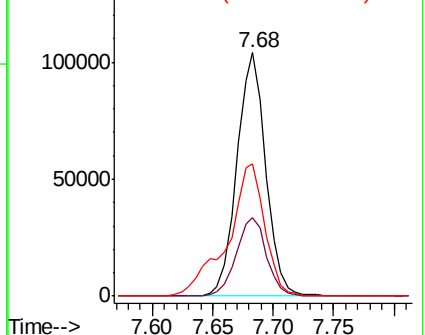
64 54.1 37.8 77.8

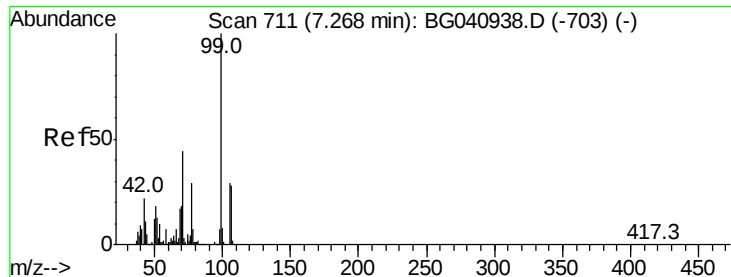


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 43.620 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

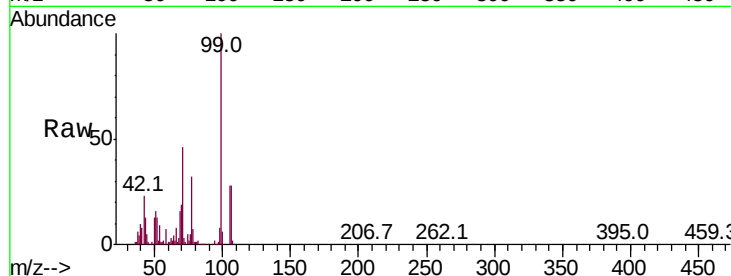
Tot Ion: 77 Resp: 142446

Ion Ratio Lower Upper

77 100

105 88.7 78.9 118.9

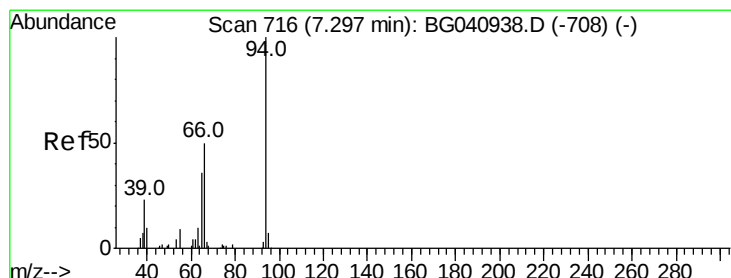
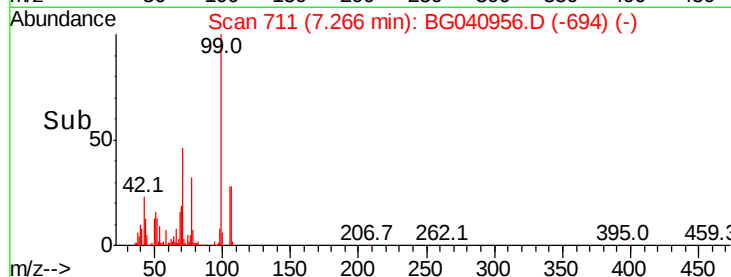
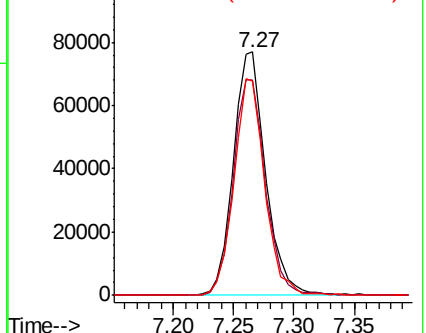
106 88.0 76.7 116.7



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: 39.721 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

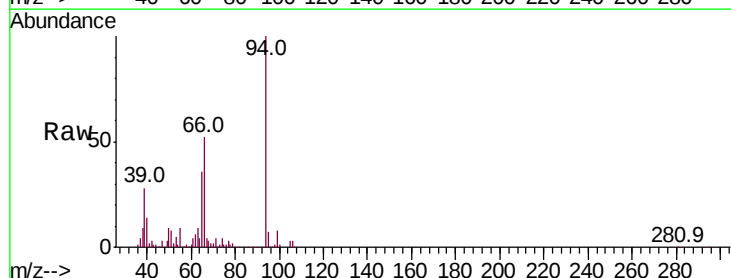
Tgt Ion: 94 Resp: 233148

Ion Ratio Lower Upper

94 100

65 35.5 17.0 57.0

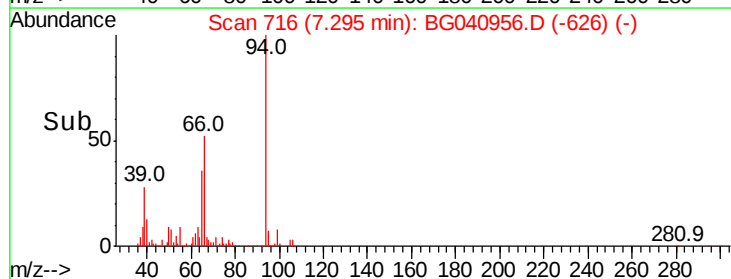
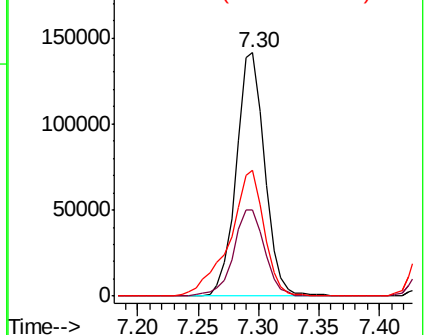
66 51.9 32.4 72.4

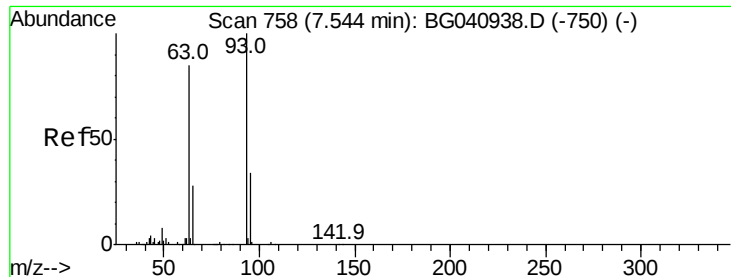


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

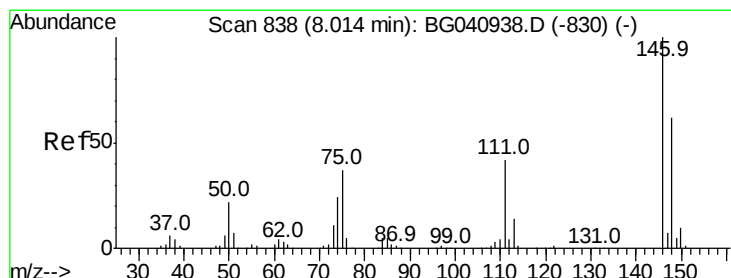
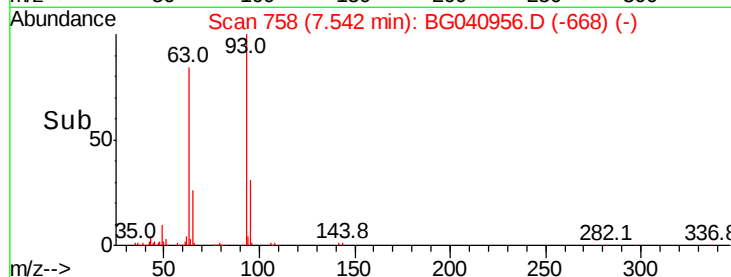
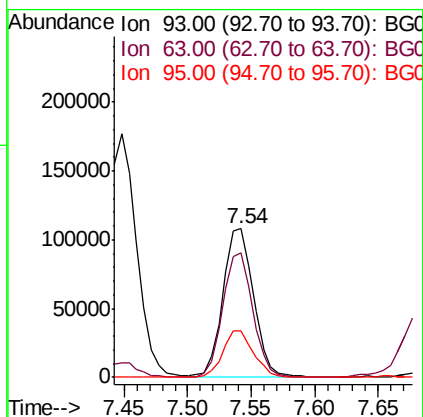
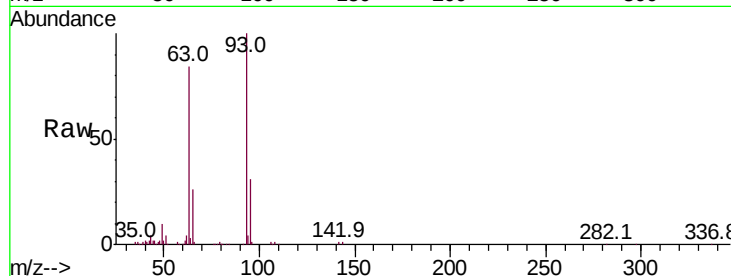




#11
bis(2-Chloroethyl)ether
Concen: 42.207 ng
RT: 7.54 min Scan# 758
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

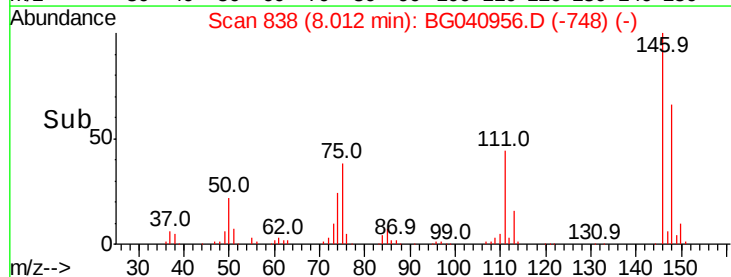
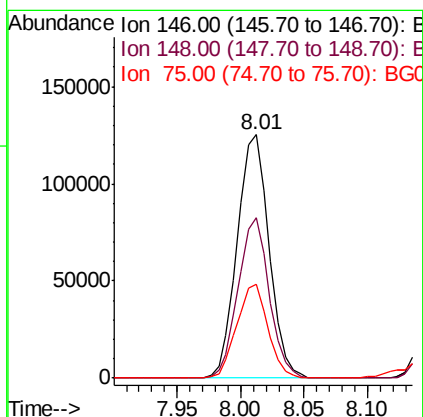
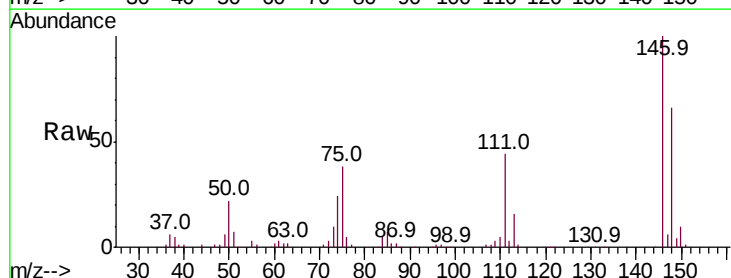
Instrument :
BNA_G
ClientSampled :

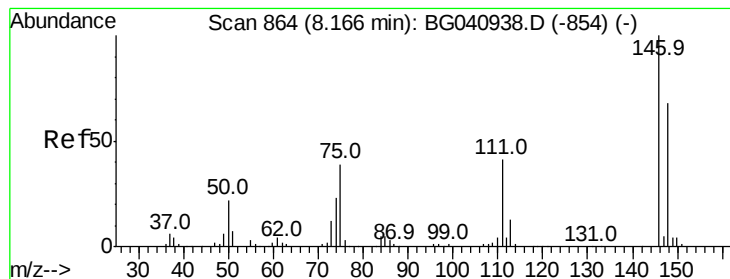
Tot Ion: 93 Resp: 179721
Ion Ratio Lower Upper
93 100
63 84.3 64.5 104.5
95 31.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 43.214 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion: 146 Resp: 218111
Ion Ratio Lower Upper
146 100
148 66.0 49.2 73.8
75 38.4 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 42.263 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

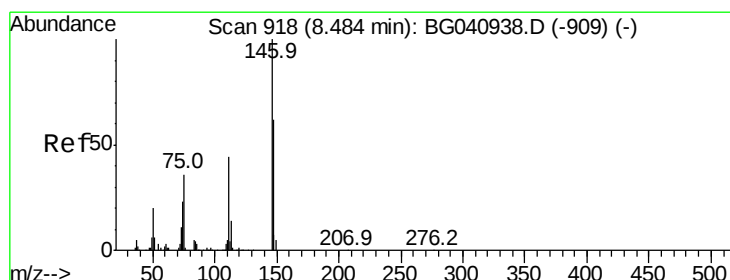
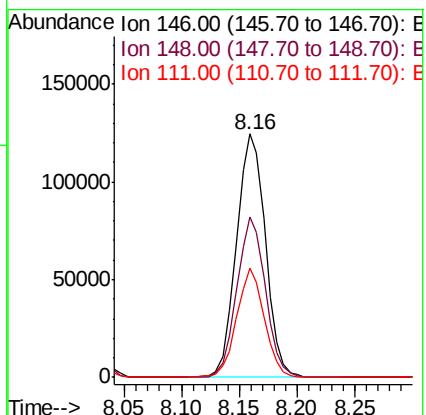
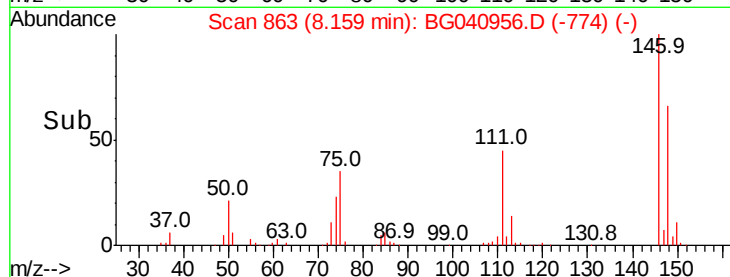
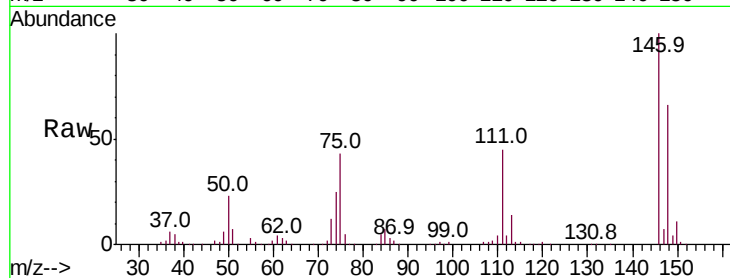
Tot Ion:146 Resp: 215920

Ion Ratio Lower Upper

146 100

148 66.0 54.2 81.4

111 45.0 32.9 49.3



#14

1,2-Dichlorobenzene

Concen: 41.815 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

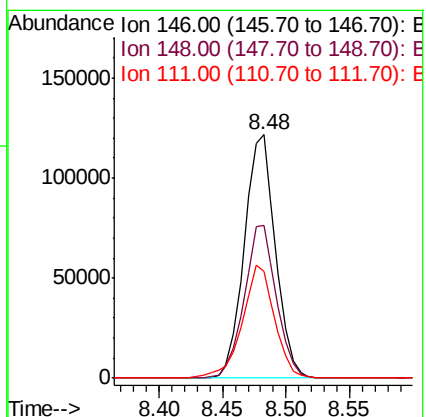
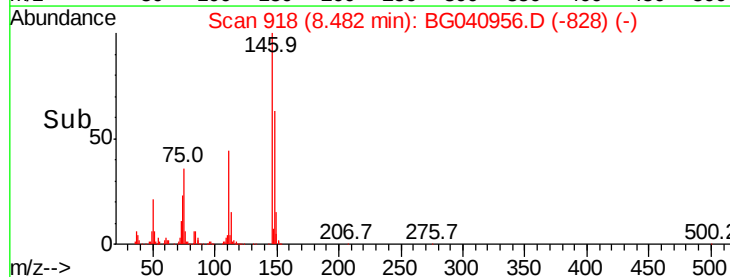
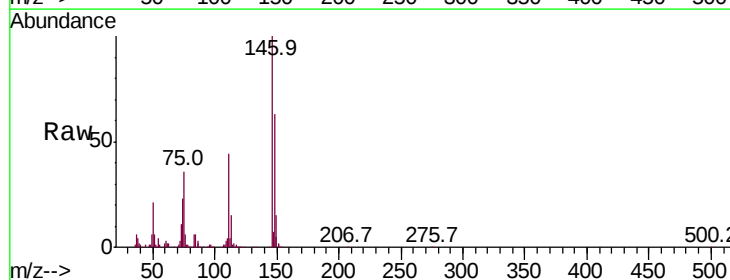
Tgt Ion:146 Resp: 207423

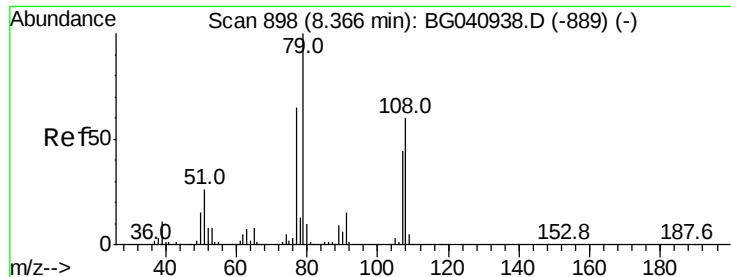
Ion Ratio Lower Upper

146 100

148 62.7 49.8 74.6

111 43.8 35.0 52.4





#15

Benzyl Alcohol

Concen: 41.437 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

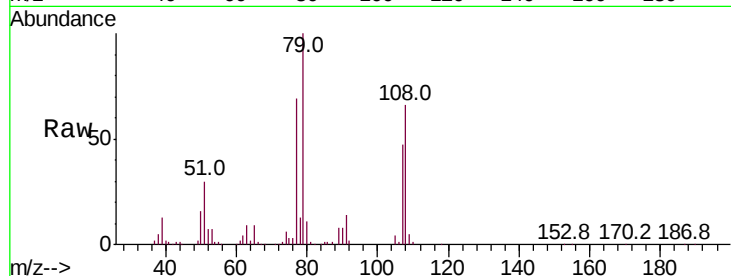
Tot Ion: 79 Resp: 209836

Ion Ratio Lower Upper

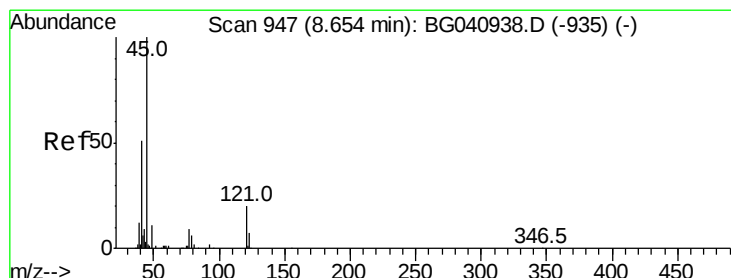
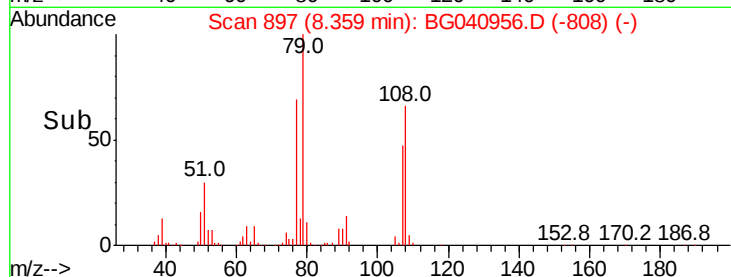
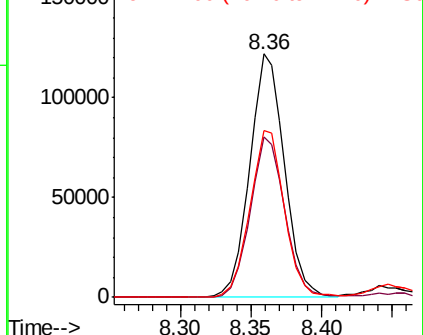
79 100

108 65.8 48.3 72.5

77 68.7 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: 41.403 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

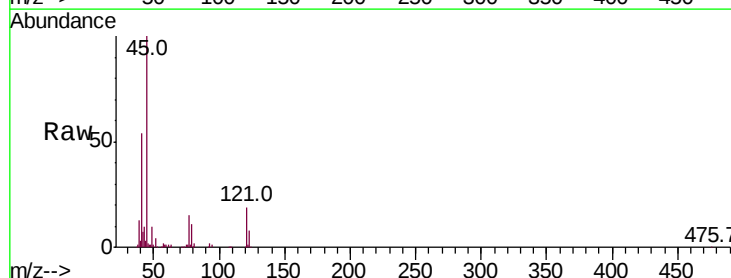
Tgt Ion: 45 Resp: 288082

Ion Ratio Lower Upper

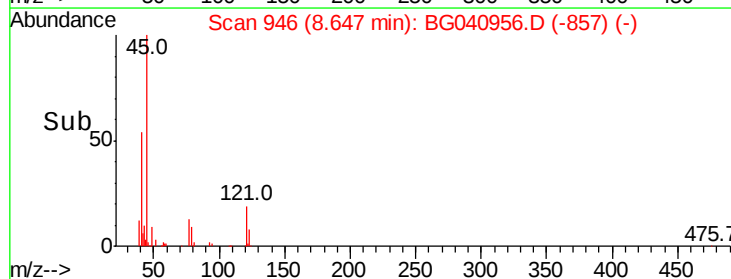
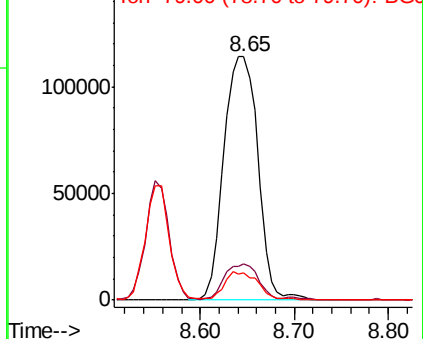
45 100

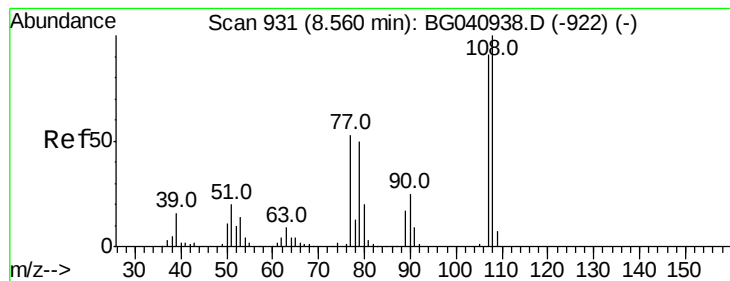
77 14.9 0.0 33.7

79 11.3 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: 39.023 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 165845

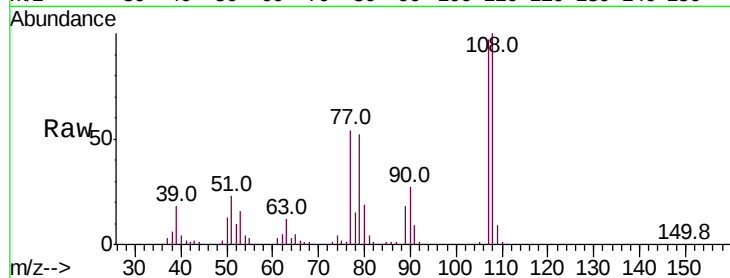
Ion Ratio Lower Upper

107 100

108 103.1 87.7 131.5

77 56.1 46.6 70.0

79 54.1 44.6 66.8

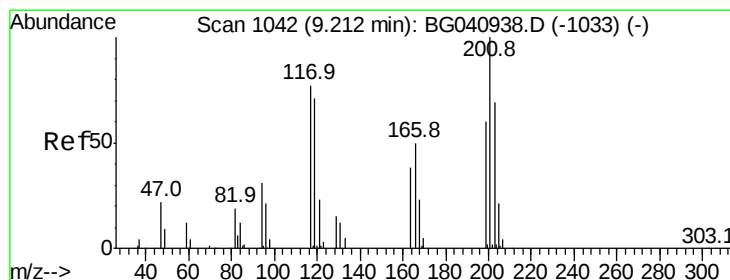
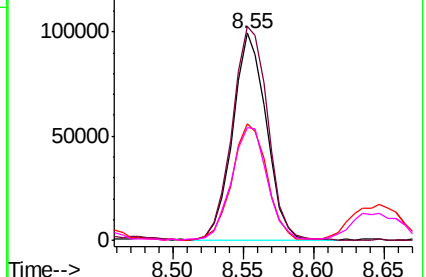
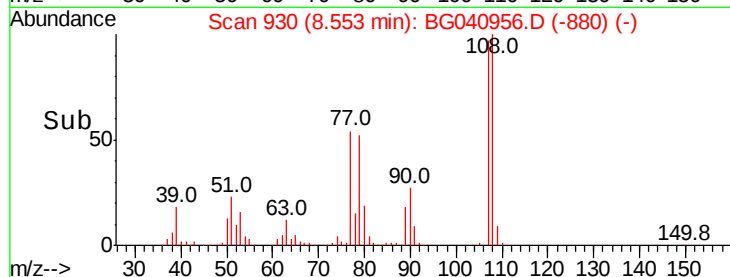


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.645 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

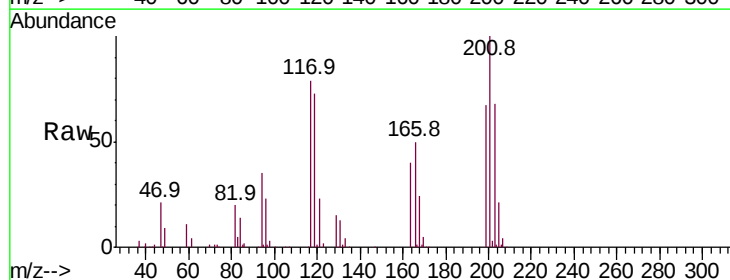
Tgt Ion:117 Resp: 83972

Ion Ratio Lower Upper

117 100

119 92.4 75.0 112.6

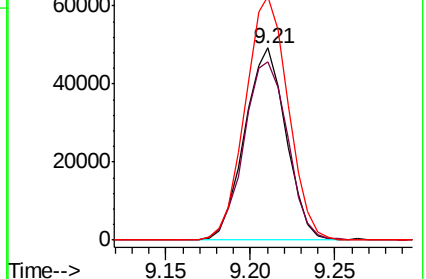
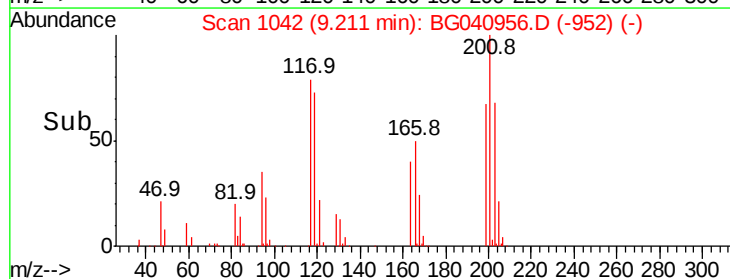
201 126.6 103.5 155.3

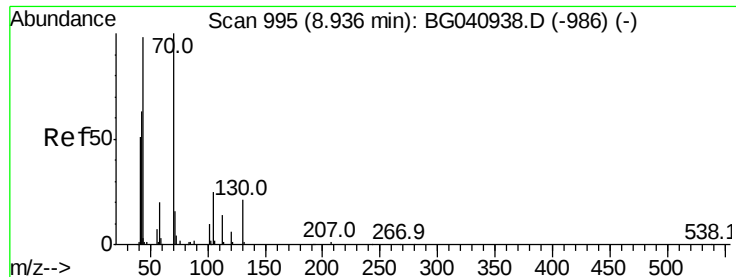


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.602 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 175264

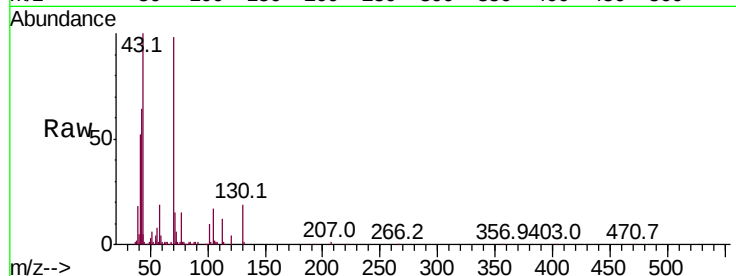
Ion Ratio Lower Upper

70 100

42 66.0 51.5 77.3

101 10.4 8.1 12.1

130 19.7 16.6 24.8

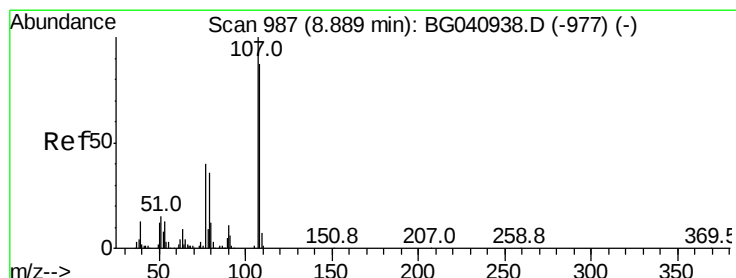
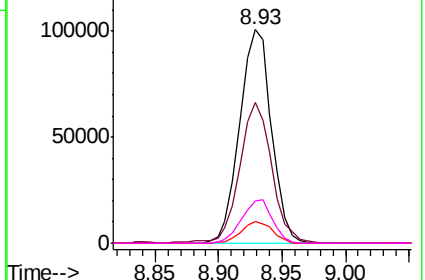
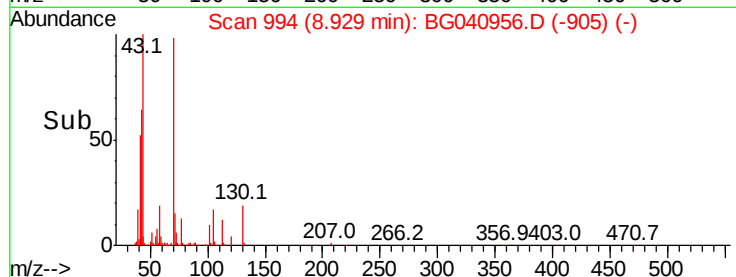


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 38.926 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion: 107 Resp: 229156

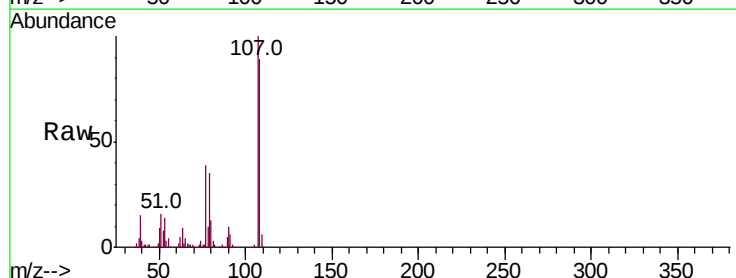
Ion Ratio Lower Upper

107 100

108 88.6 66.8 106.8

77 38.7 20.5 60.5

79 34.7 15.8 55.8

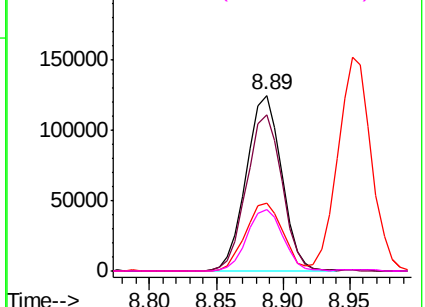
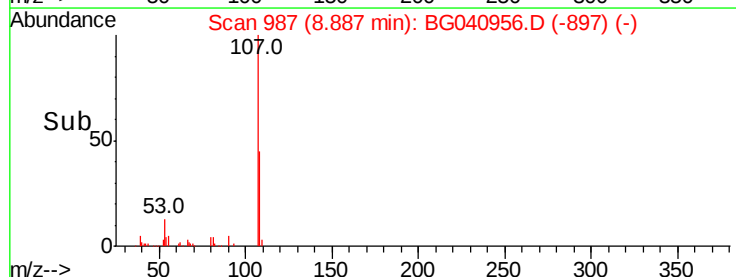


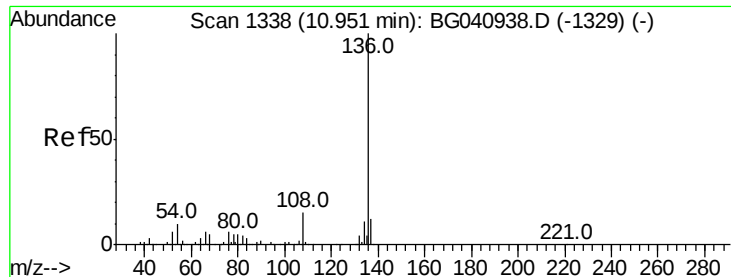
Abundance Ion 107.00 (106.70 to 107.70): BGC

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: 10.95 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 271984

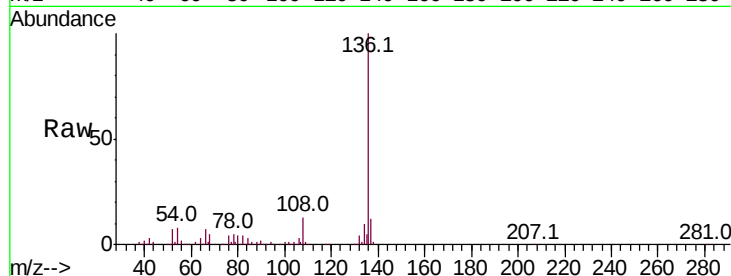
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 8.0 7.6 11.4

68 5.3 3.9 5.9

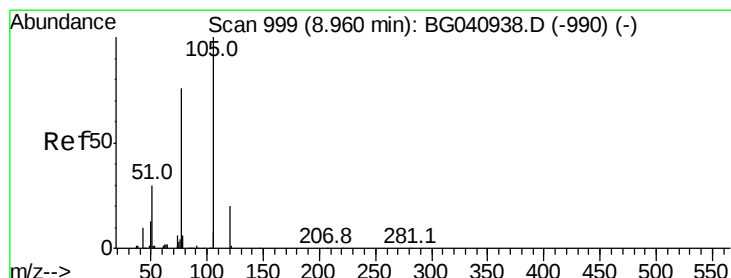
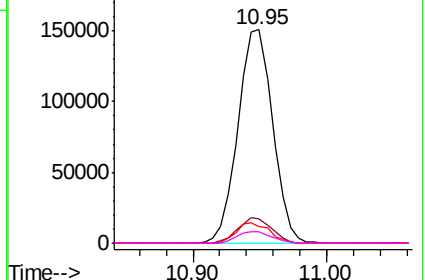
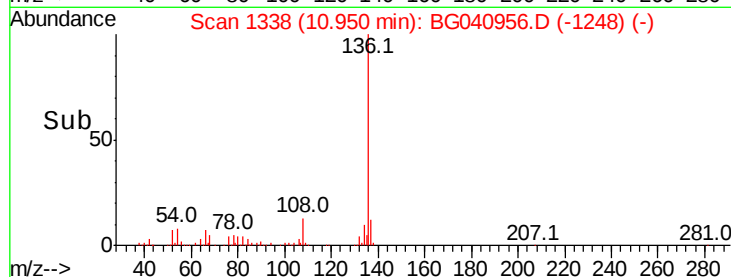


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 41.414 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion:105 Resp: 315971

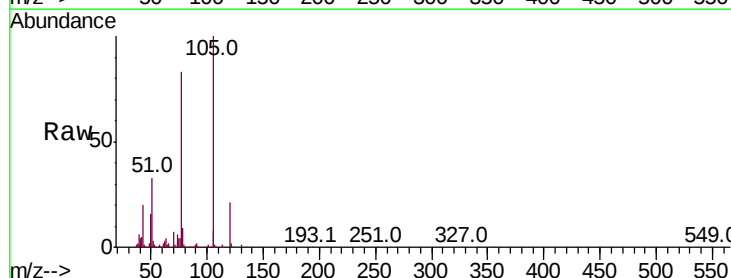
Ion Ratio Lower Upper

105 100

71 1.2 0.4 0.6#

51 32.5 27.0 40.6

120 20.5 16.2 24.4

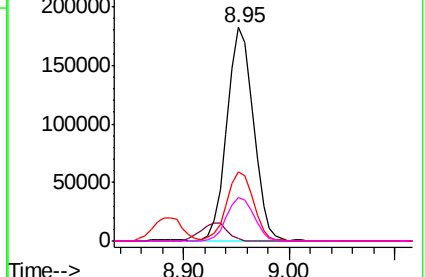
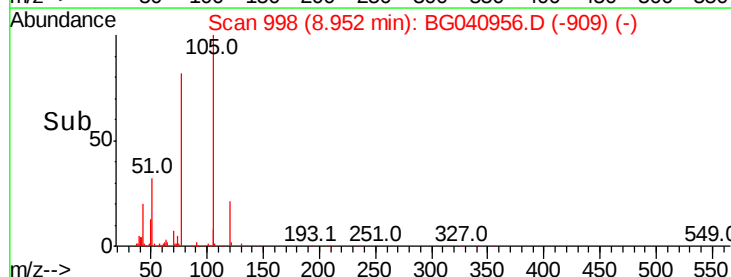


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.612 ng

RT: 9.30 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

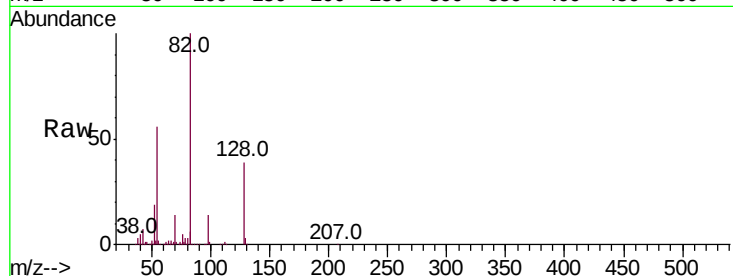
Tot Ion: 82 Resp: 506136

Ion Ratio Lower Upper

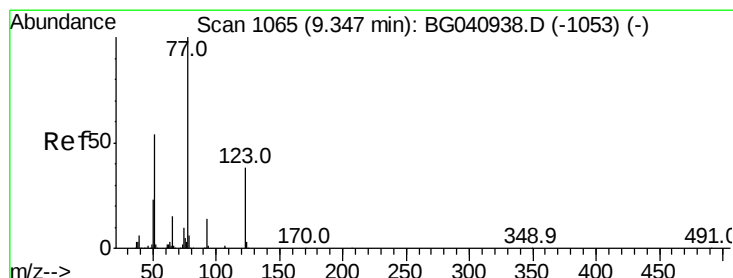
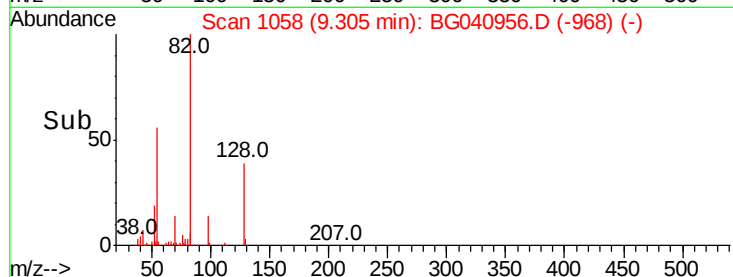
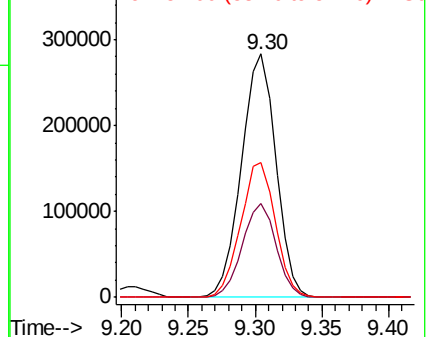
82 100

128 38.6 30.5 45.7

54 55.6 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: 41.524 ng

RT: 9.35 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

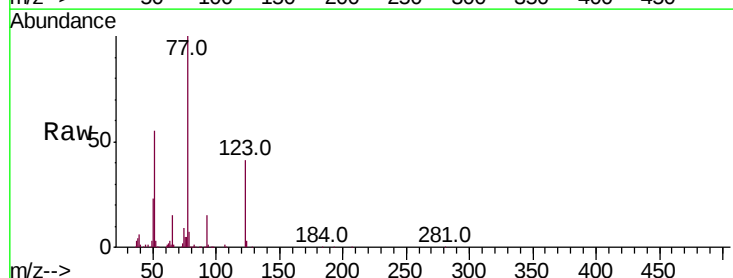
Tgt Ion: 77 Resp: 259255

Ion Ratio Lower Upper

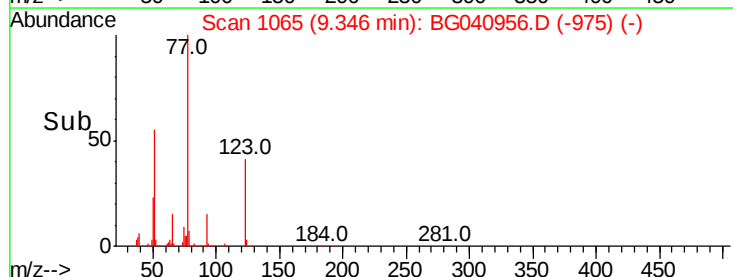
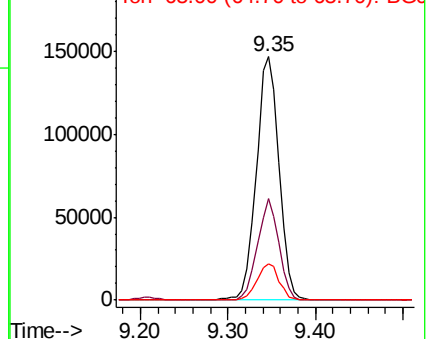
77 100

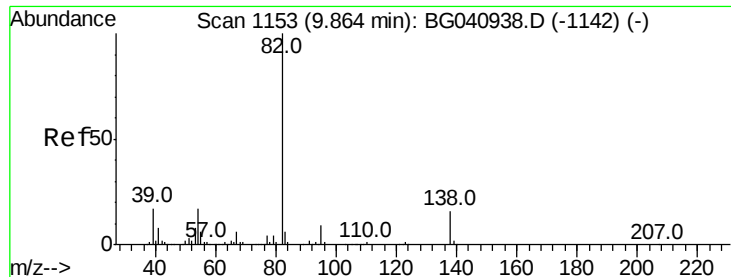
123 41.5 30.6 46.0

65 14.8 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: 41.472 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

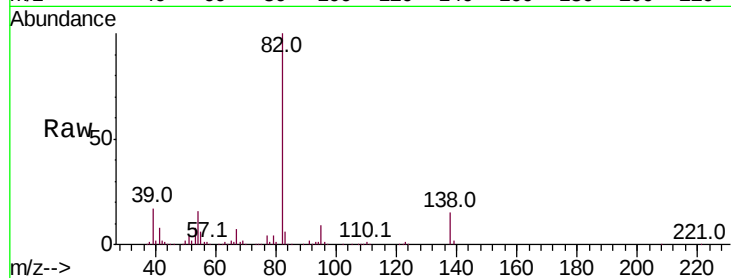
Tot Ion: 82 Resp: 483546

Ion Ratio Lower Upper

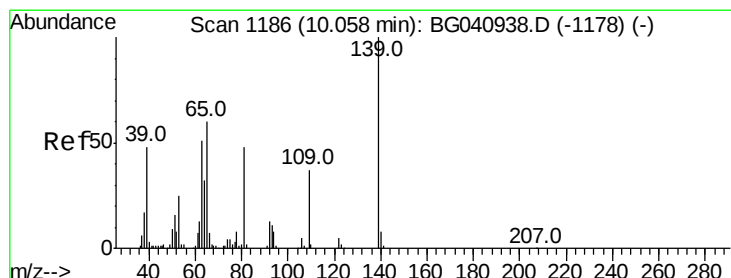
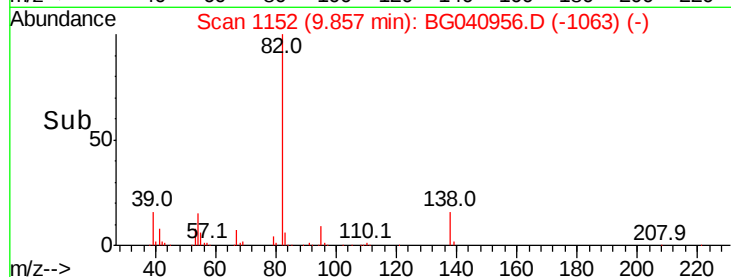
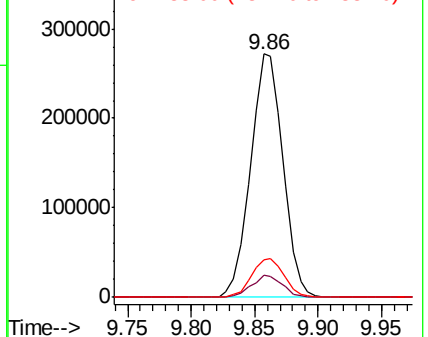
82 100

95 8.9 7.0 10.4

138 15.4 12.6 19.0



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



#26

2-Nitrophenol

Concen: 42.489 ng

RT: 10.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

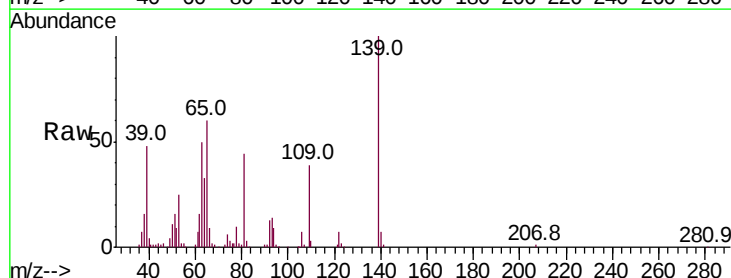
Tgt Ion: 139 Resp: 109364

Ion Ratio Lower Upper

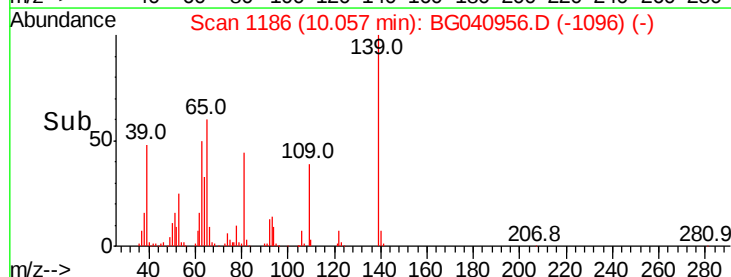
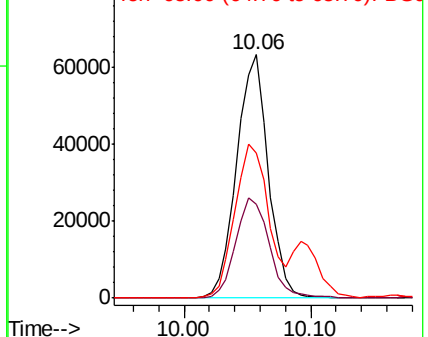
139 100

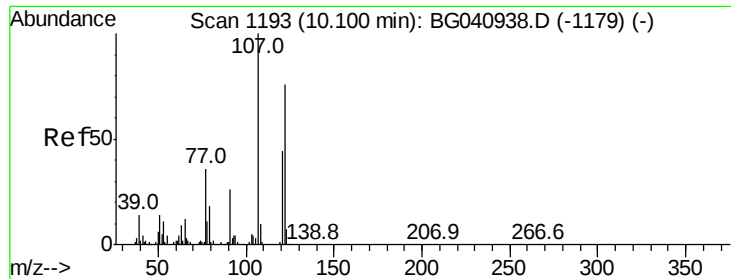
109 38.8 29.8 44.6

65 59.8 47.8 71.6



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

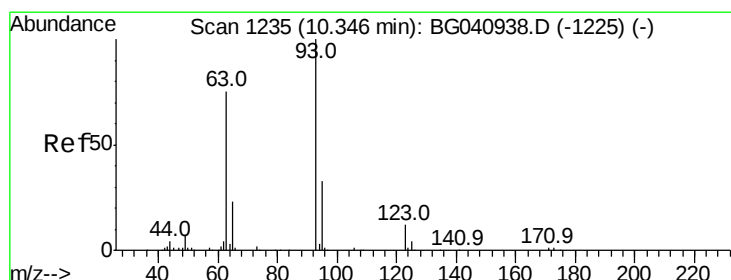
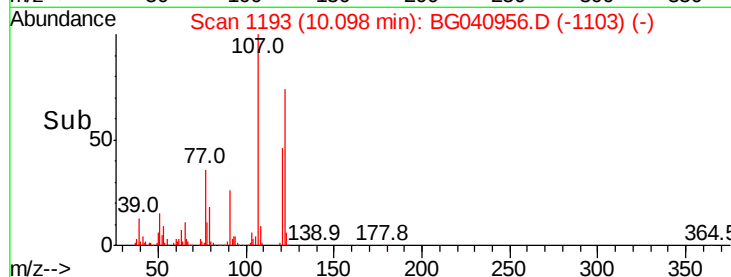
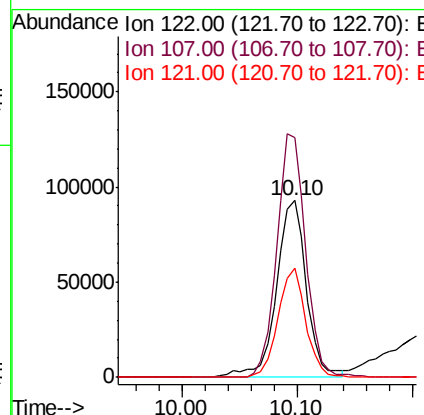
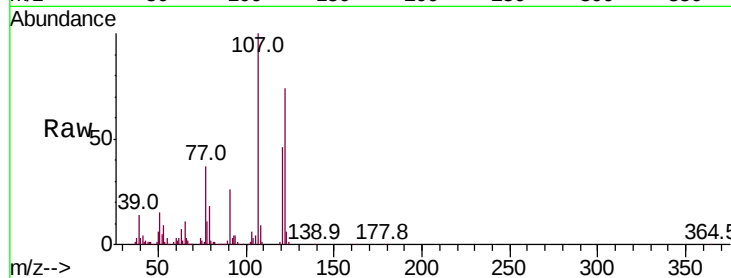




#27
2,4-Dimethylphenol
Concen: 39.525 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

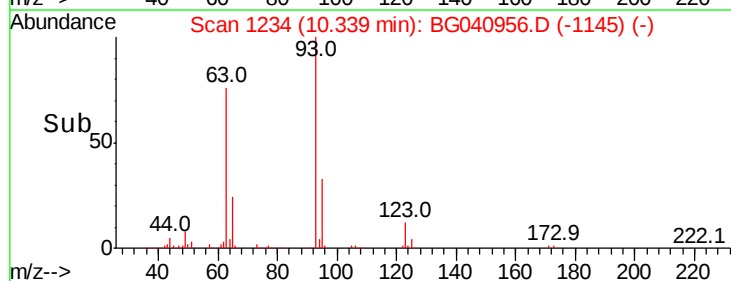
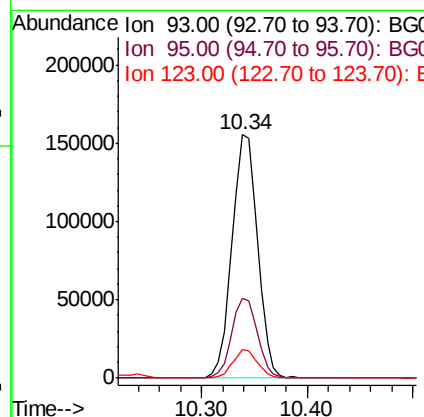
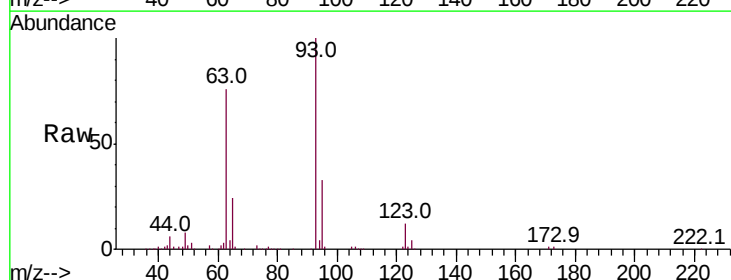
Instrument :
BNA_G
ClientSampleId :

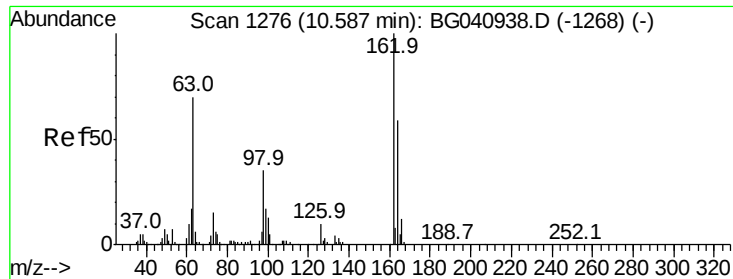
Tot Ion:122 Resp: 168020
Ion Ratio Lower Upper
122 100
107 135.4 105.9 158.9
121 61.9 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.234 ng
RT: 10.34 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion: 93 Resp: 259482
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.2
123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 38.450 ng

RT: 10.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BG040956.D

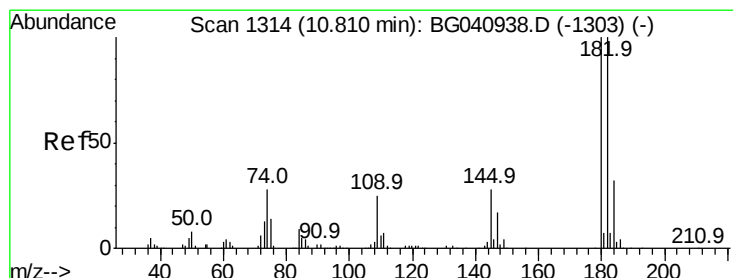
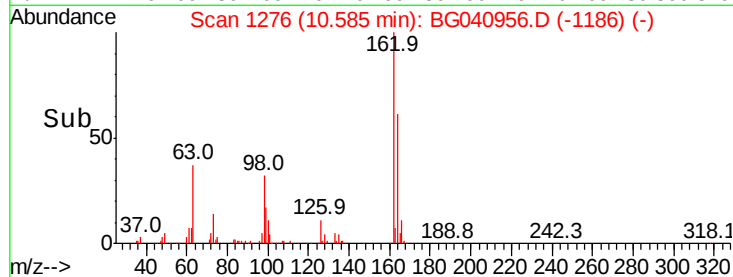
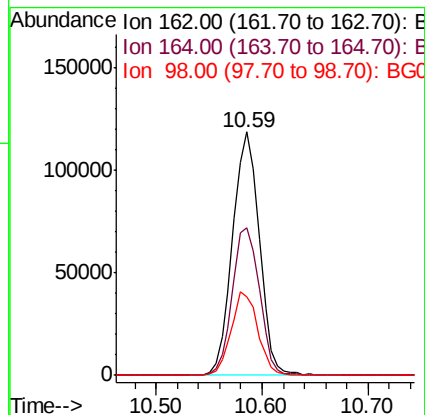
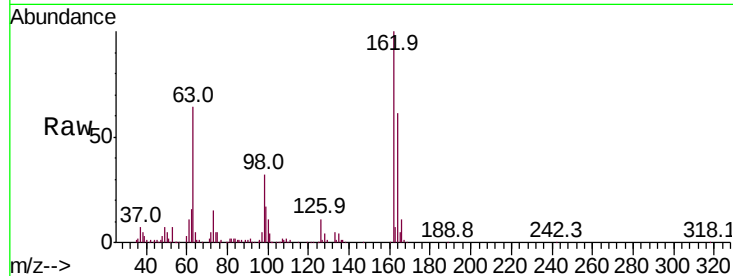
Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	162	Resp:	207560
Ion	Ratio	Lower	Upper
162	100		
164	60.5	39.4	79.4
98	32.4	15.3	55.3



#30

1,2,4-Trichlorobenzene

Concen: 40.642 ng

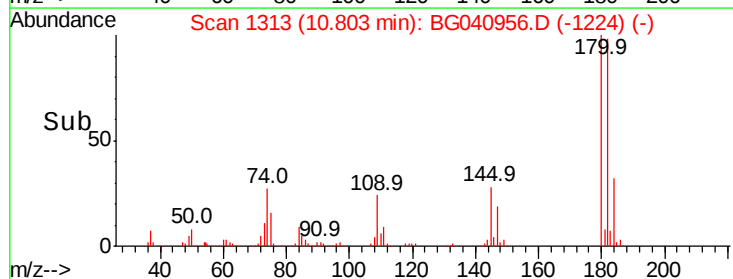
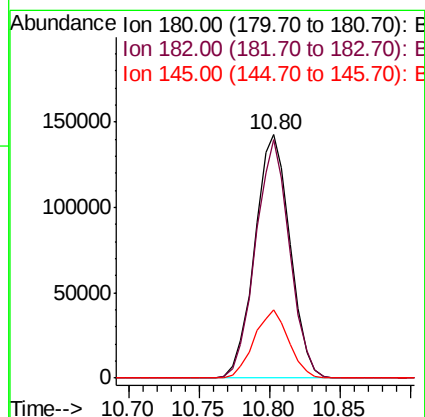
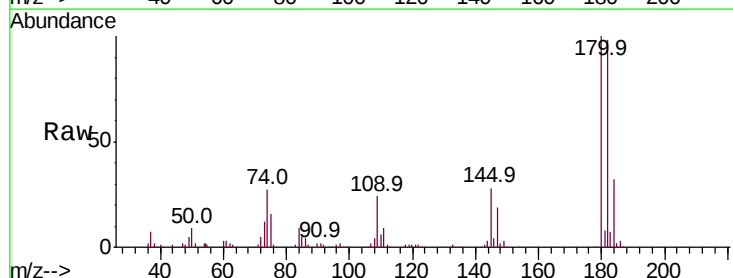
RT: 10.80 min Scan# 1313

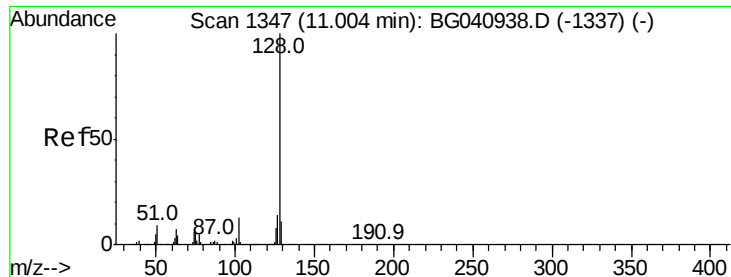
Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion:	180	Resp:	249583
Ion	Ratio	Lower	Upper
180	100		
182	97.7	79.7	119.5
145	28.2	22.6	34.0

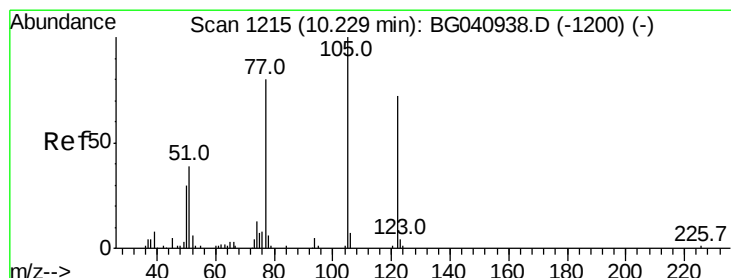
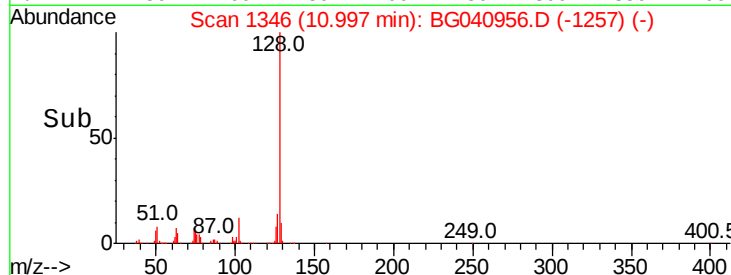
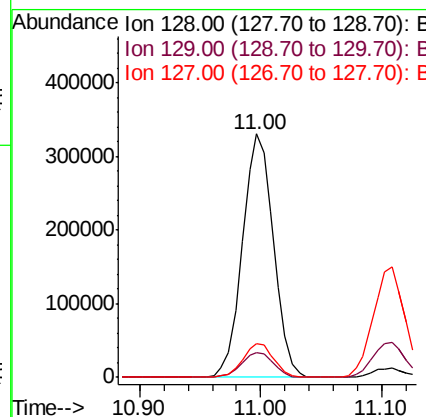
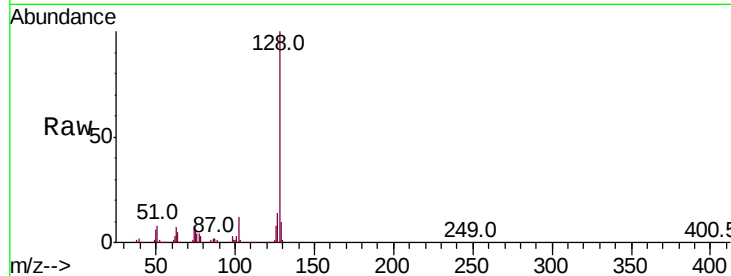




#31
Naphthalene
Concen: 40.393 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

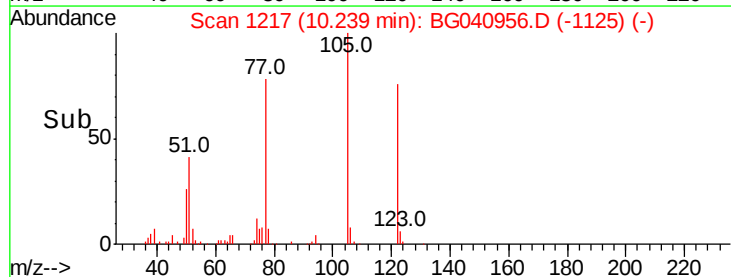
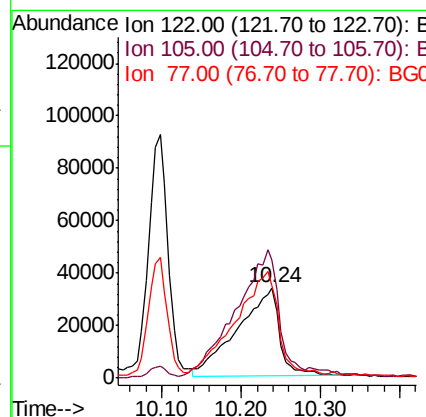
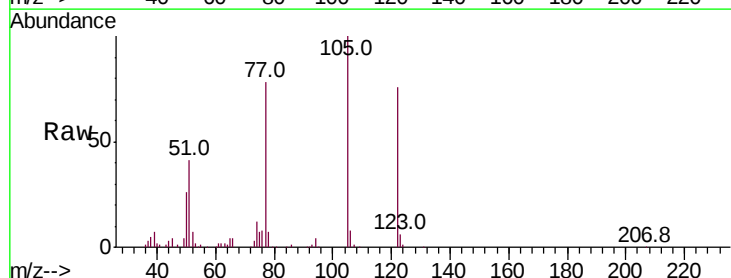
Instrument :
BNA_G
ClientSampled :

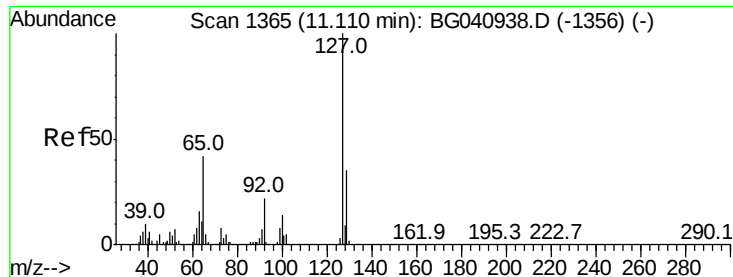
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.5	12.7
127	13.9	11.4	17.2



#32
Benzoic acid
Concen: 39.584 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.9	114.8	154.8
77	103.0	89.9	129.9

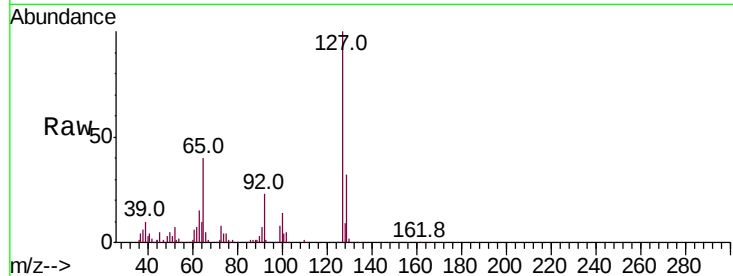




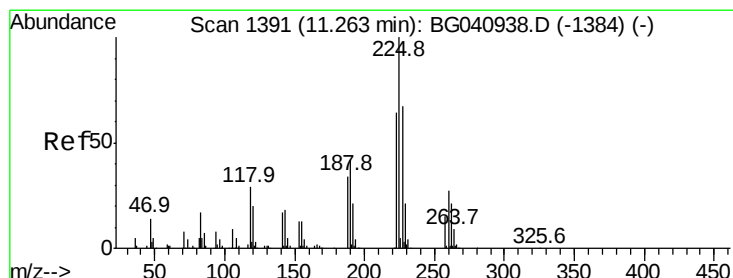
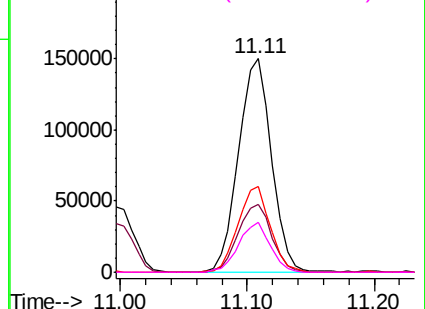
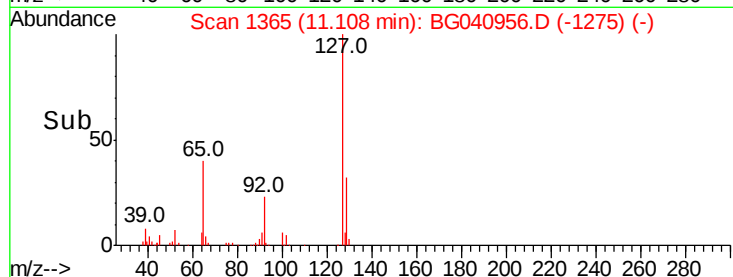
#33
4-Chloroaniline
Concen: 40.054 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	271392
Ion Ratio	Lower	Upper
127	100	
129	32.1	27.7 41.5
65	40.1	33.2 49.8
92	23.2	17.2 25.8

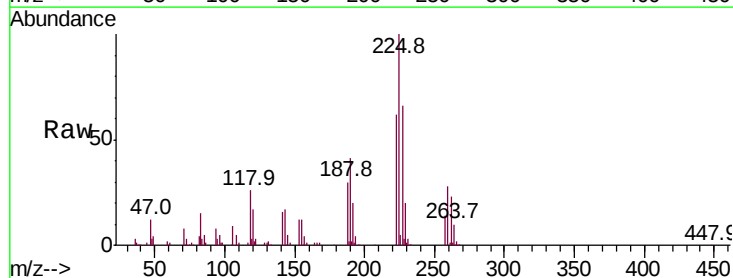


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

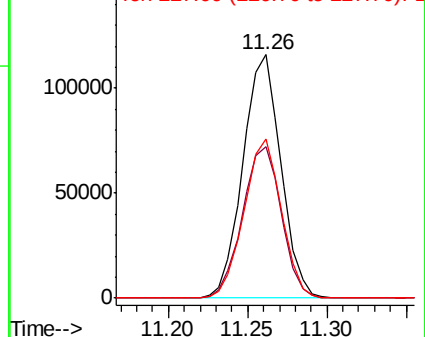
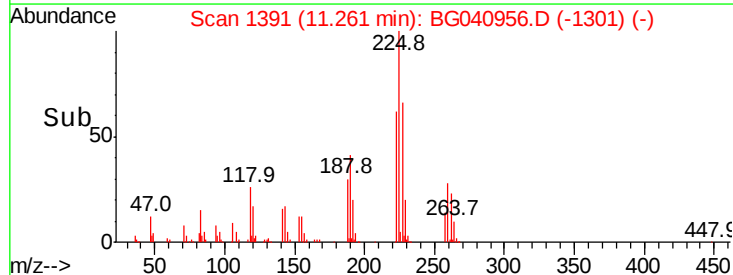


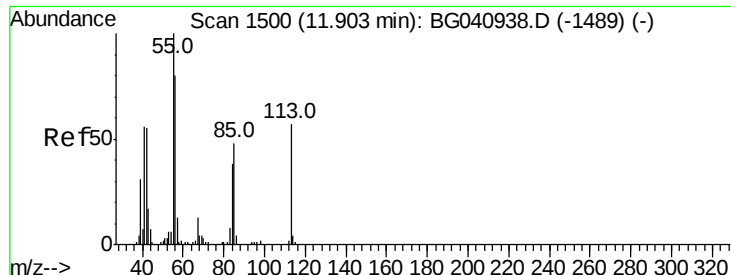
#34
Hexachlorobutadiene
Concen: 41.016 ng
RT: 11.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion:225	Resp:	192727
Ion Ratio	Lower	Upper
225	100	
223	62.4	48.8 73.2
227	65.6	51.4 77.0



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

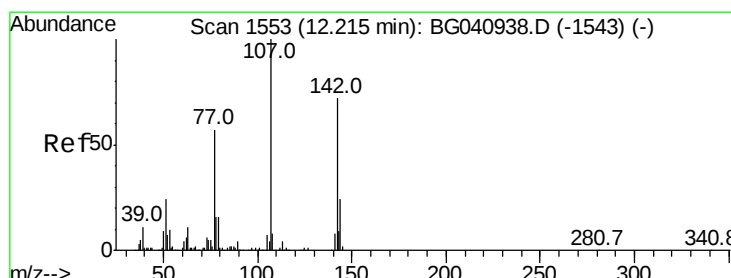
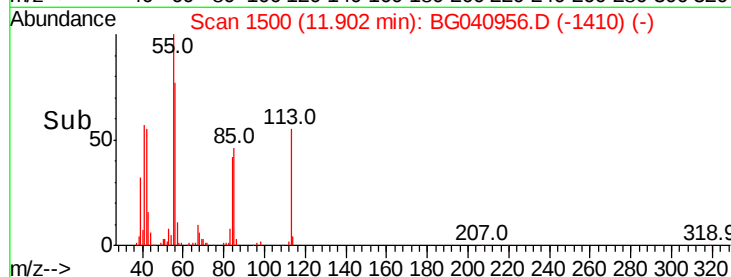
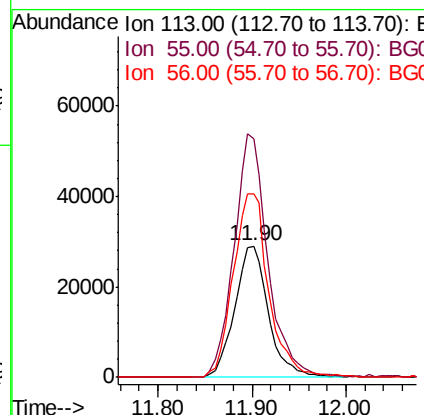
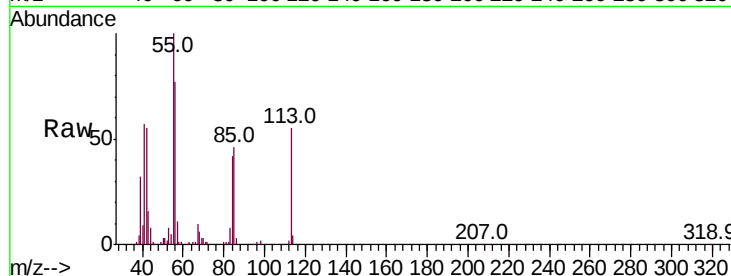




#35
 Caprolactam
 Concen: 40.525 ng
 RT: 11.90 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

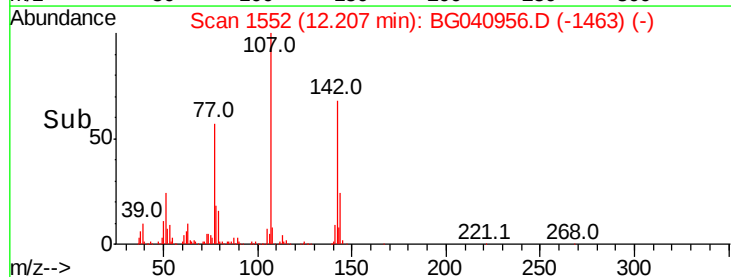
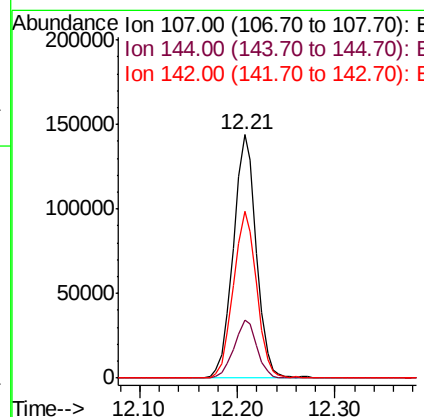
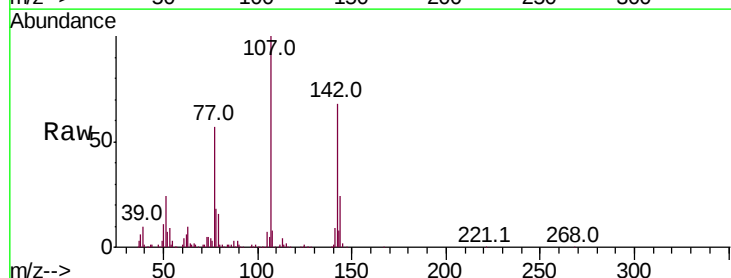
Instrument :
 BNA_G
 ClientSampleId :

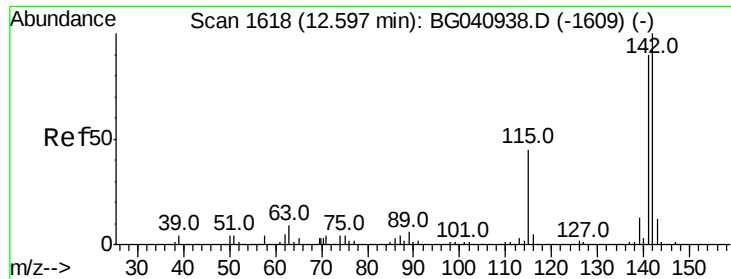
Tot Ion:113 Resp: 72242
 Ion Ratio Lower Upper
 113 100
 55 181.6 155.9 195.9
 56 139.6 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 38.208 ng
 RT: 12.21 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

Tgt Ion:107 Resp: 235555
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.4 29.0
 142 68.4 57.3 85.9





#37

2-Methylnaphthalene

Concen: 39.086 ng

RT: 12.59 min Scan# 1617

Delta R.T. -0.01 min

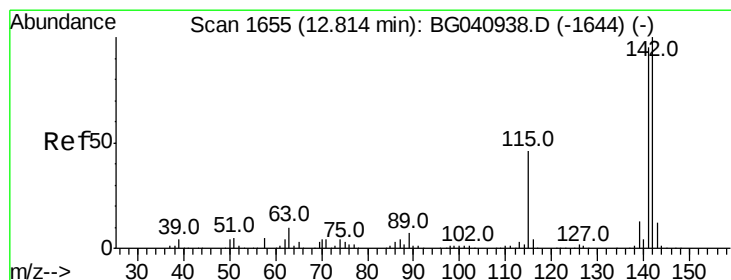
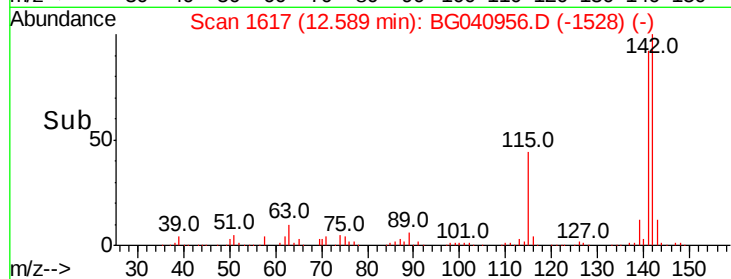
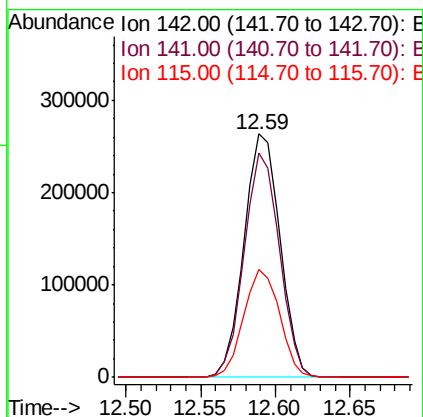
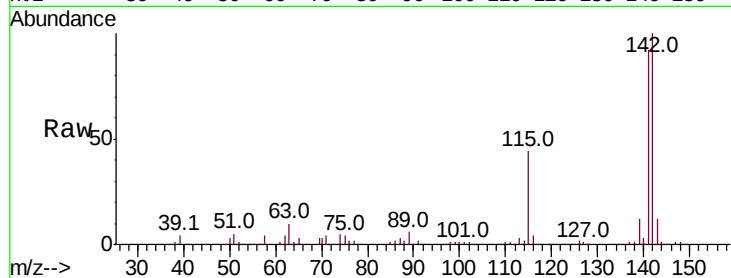
Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 439598

Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.2	108.4
115	44.3	36.2	54.4



#38

1-Methylnaphthalene

Concen: 41.478 ng

RT: 12.59 min Scan# 1617

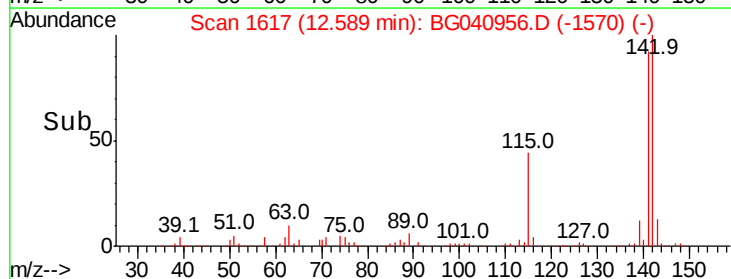
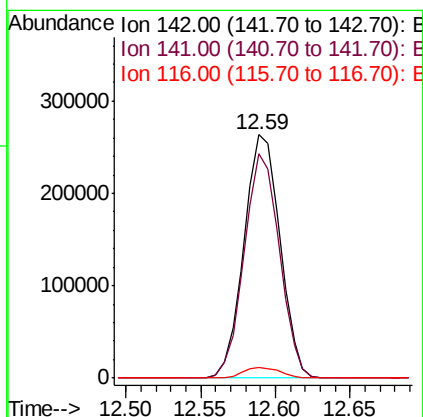
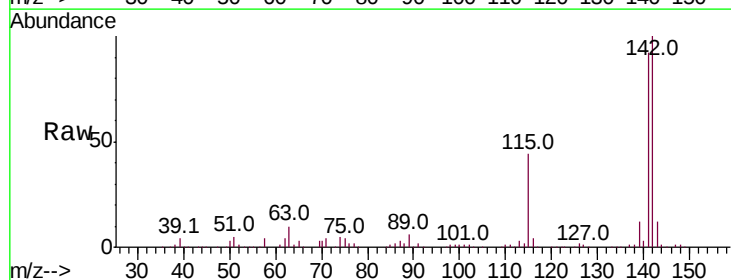
Delta R.T. -0.22 min

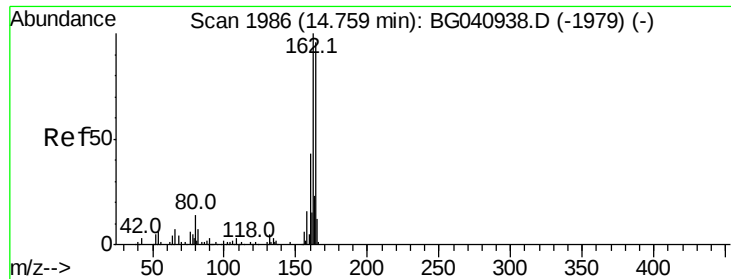
Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion:142 Resp: 439598

Ion	Ratio	Lower	Upper
142	100		
141	92.0	75.7	113.5
116	4.4	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

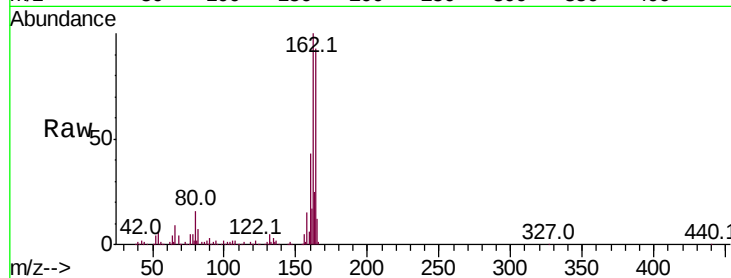
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 192836

Ion	Ratio	Lower	Upper
164	100		
162	107.0	83.0	124.4
160	45.6	35.6	53.4

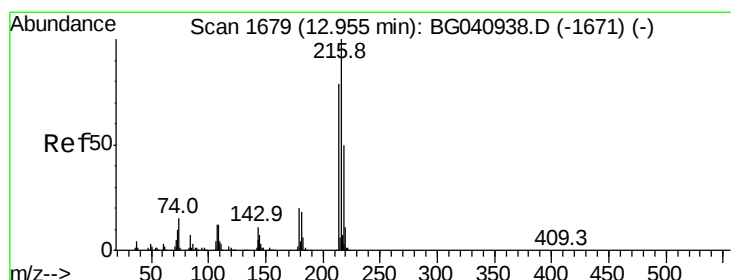
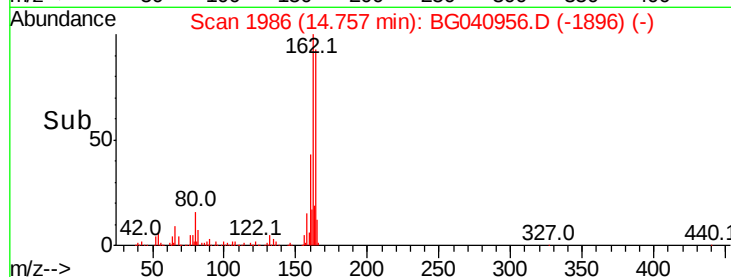
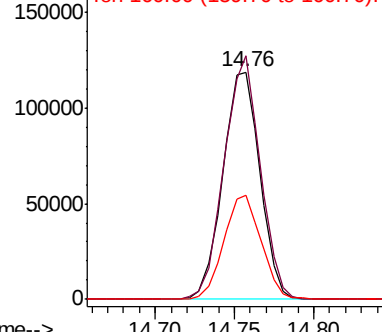


Abundance

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: 41.300 ng

RT: 12.95 min Scan# 1678

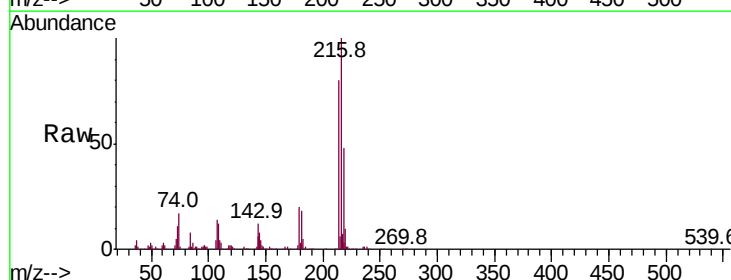
Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion:216 Resp: 321000

Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.4	95.2
179	19.2	15.2	22.8
108	15.1	11.4	17.2



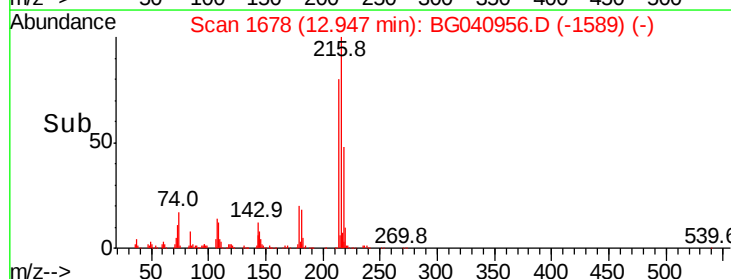
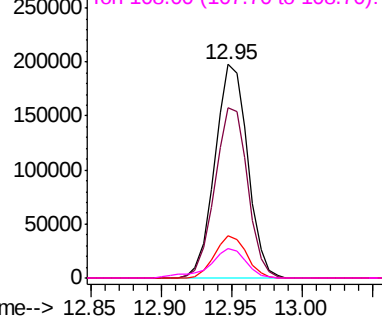
Abundance

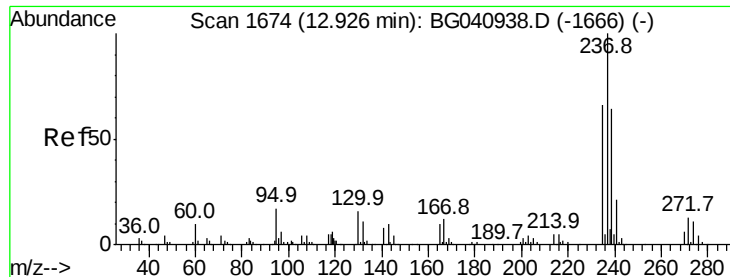
Ion 216.00 (215.70 to 216.70): E

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: 49.708 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

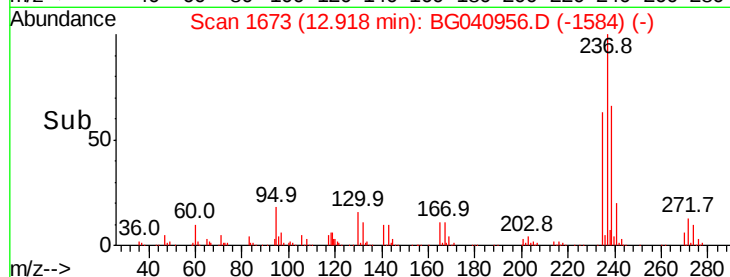
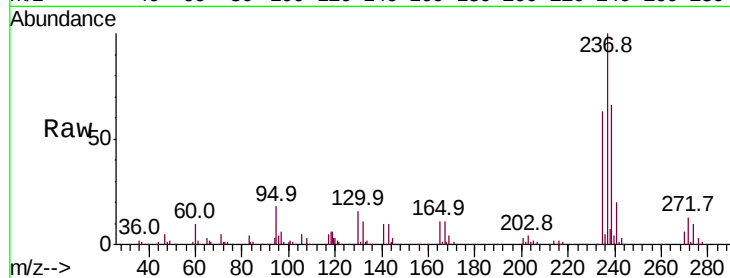
Tot Ion:237 Resp: 193158

Ion	Ratio	Lower	Upper
237	100		
235	63.1	45.5	85.5
272	13.0	0.0	32.9

237 100

235 63.1 45.5 85.5

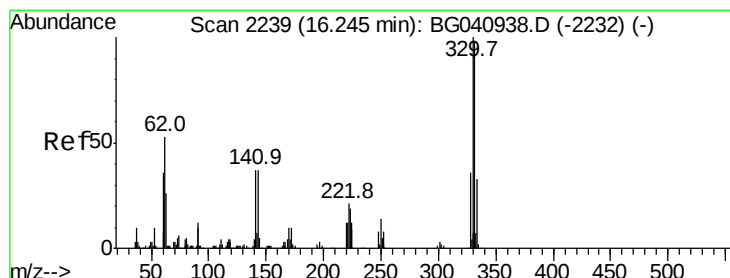
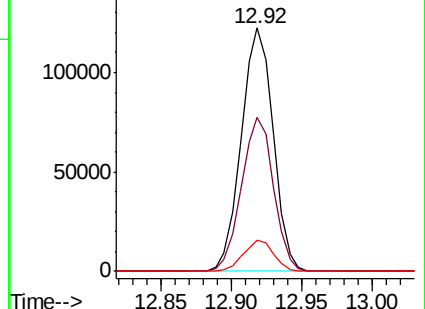
272 13.0 0.0 32.9



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: 82.492 ng

RT: 16.24 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

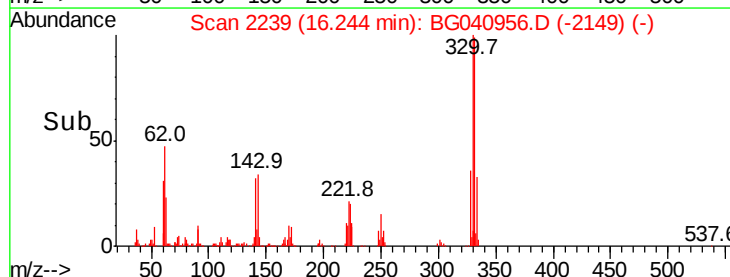
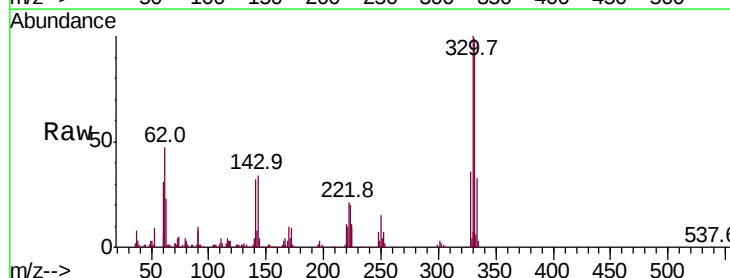
Tgt Ion:330 Resp: 236158

Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.5	117.7
141	35.9	28.7	43.1

330 100

332 98.0 78.5 117.7

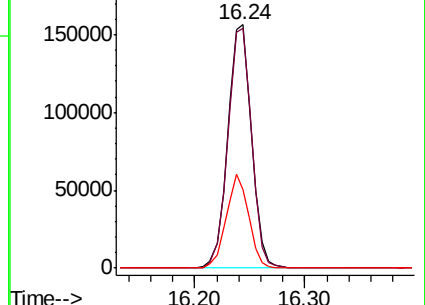
141 35.9 28.7 43.1

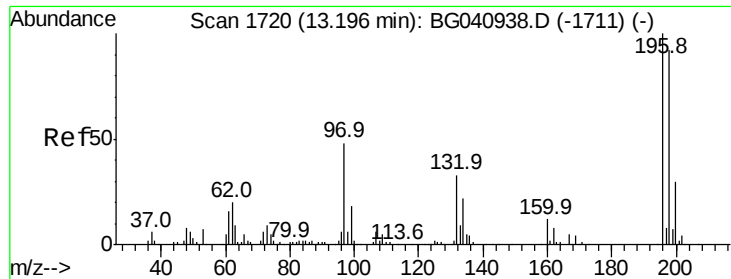


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

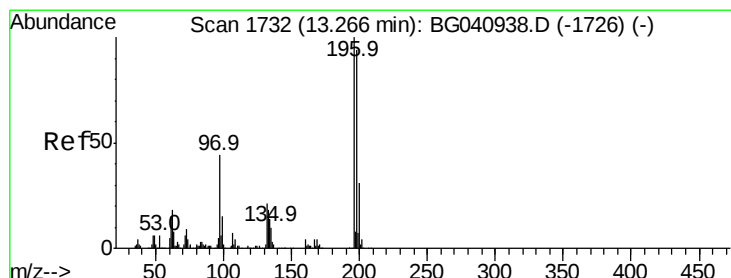
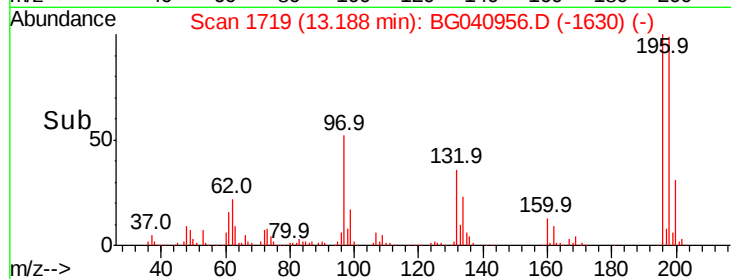
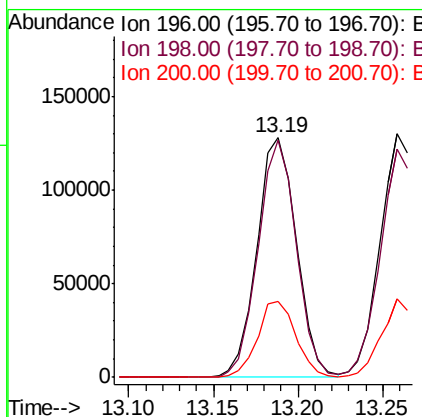
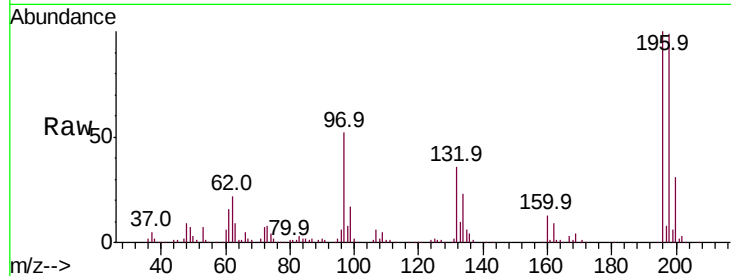




#43
 2,4,6-Trichlorophenol
 Concen: 41.170 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

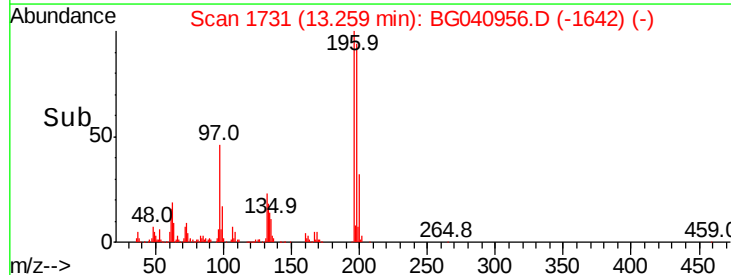
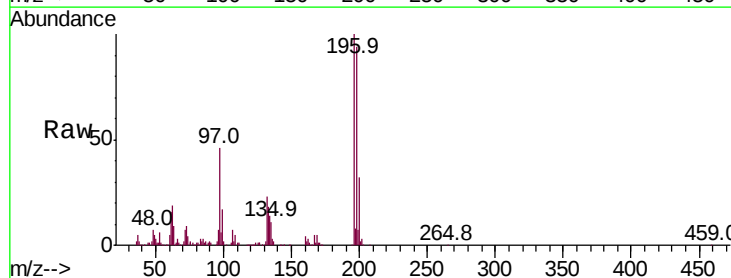
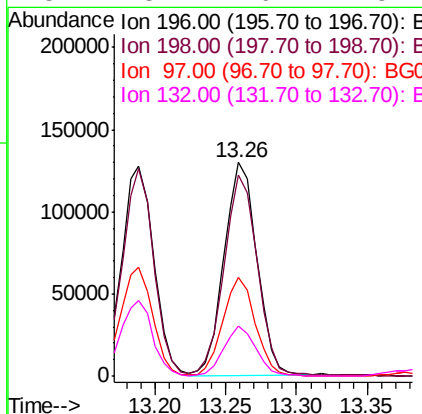
Instrument :
 BNA_G
 ClientSampleId :

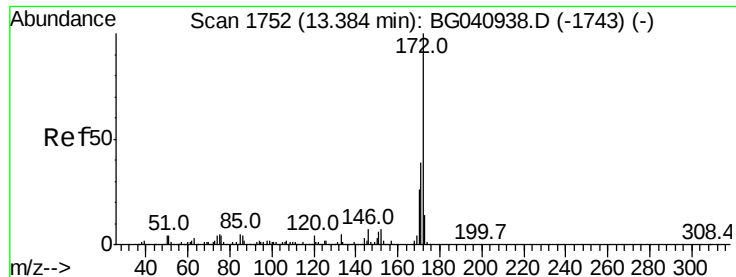
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.9	73.8	110.6
200	31.5	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 39.771 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.1	112.7
97	46.4	35.6	53.4
132	23.4	16.7	25.1

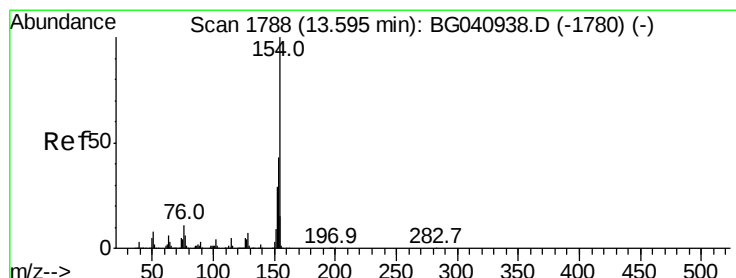
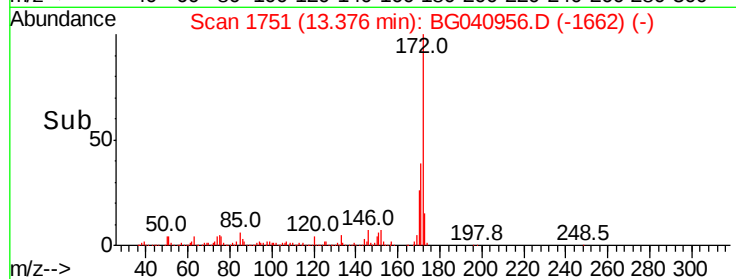
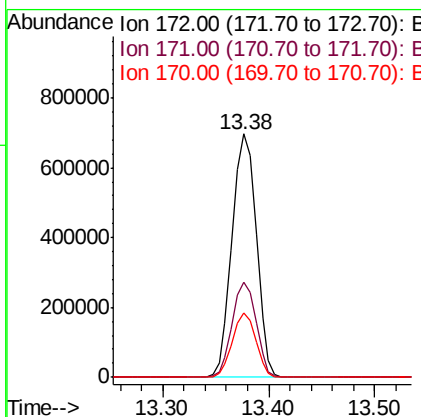
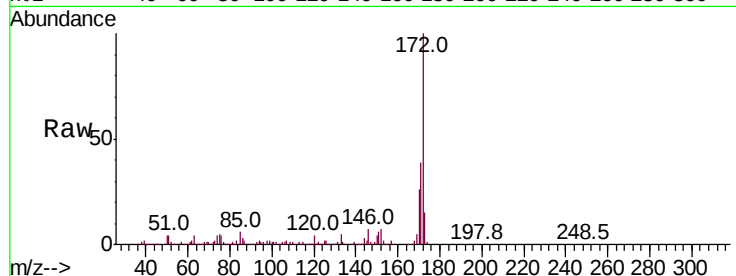




#45
2-Fluorobiphenyl
Concen: 82.706 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

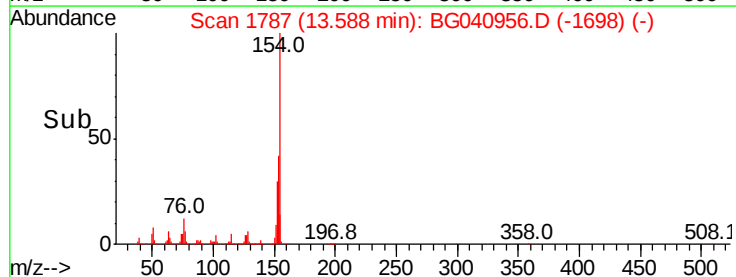
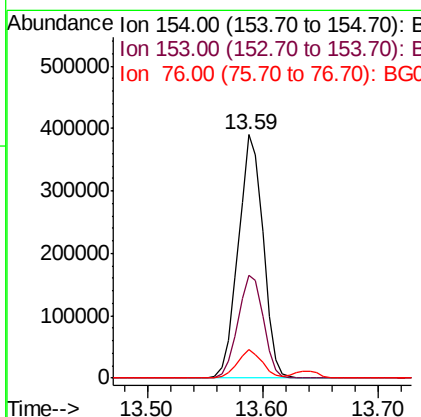
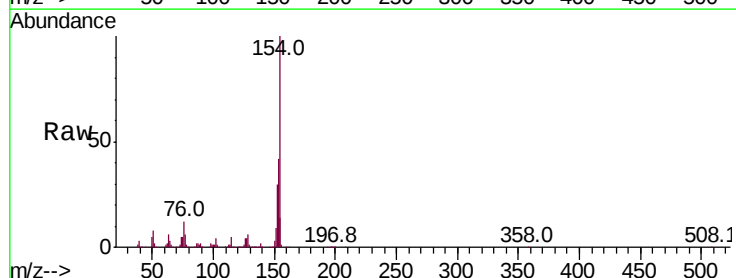
Instrument :
BNA_G
ClientSampleId :

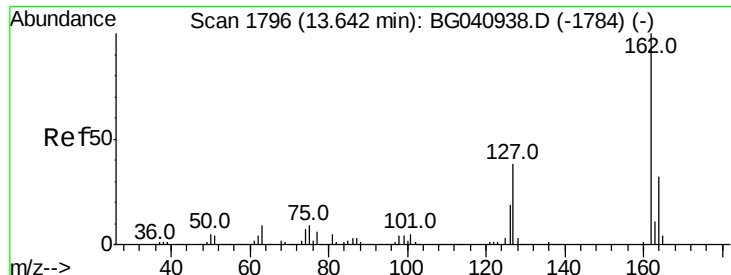
Tot Ion:172 Resp: 1107461
Ion Ratio Lower Upper
172 100
171 39.0 31.1 46.7
170 26.5 20.5 30.7



#46
1,1'-Biphenyl
Concen: 40.602 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion:154 Resp: 579551
Ion Ratio Lower Upper
154 100
153 42.3 23.3 63.3
76 11.7 0.0 31.1

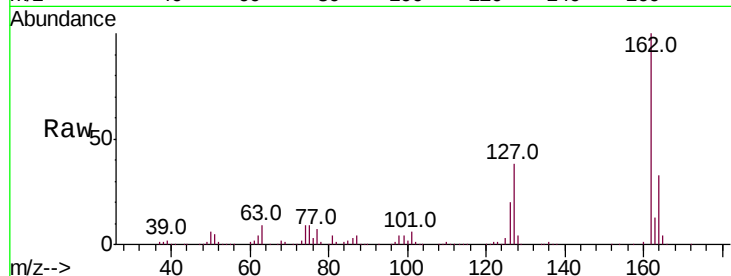




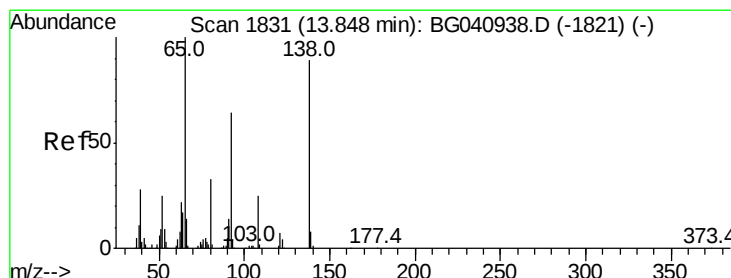
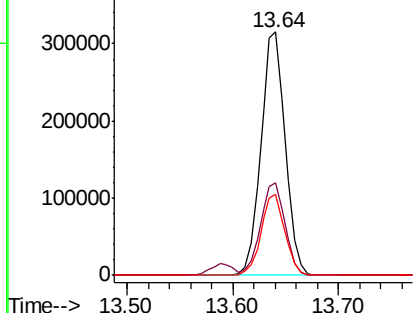
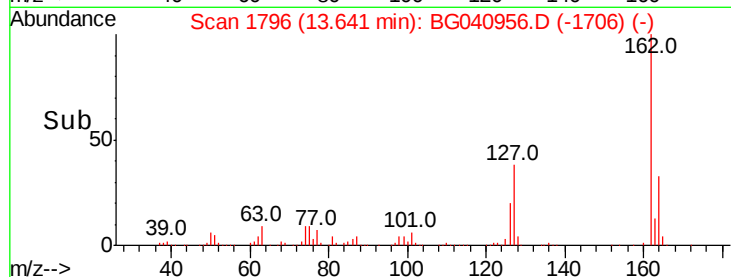
#47
 2-Chloronaphthalene
 Concen: 41.020 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.5	45.7
164	33.5	25.8	38.6

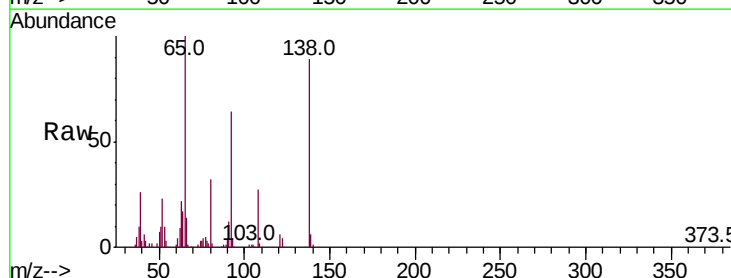


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

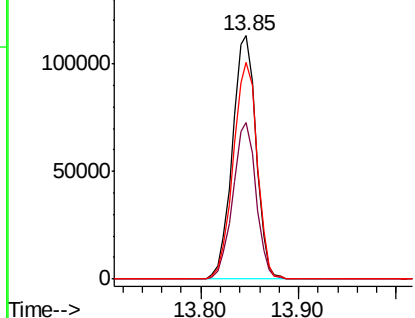
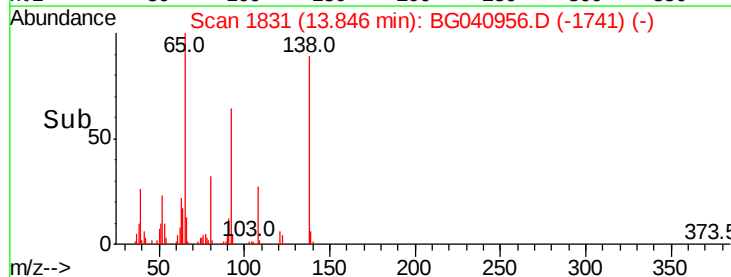


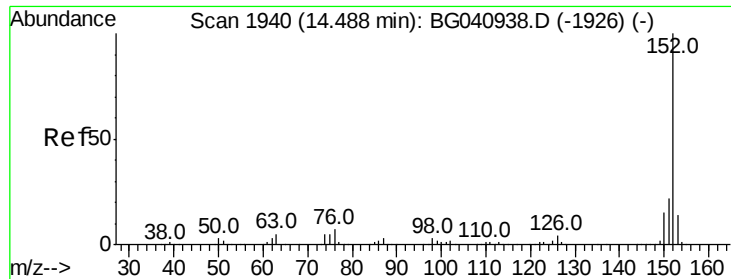
#48
 2-Nitroaniline
 Concen: 43.522 ng
 RT: 13.85 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.4	51.0	76.6
138	89.0	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: 40.637 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

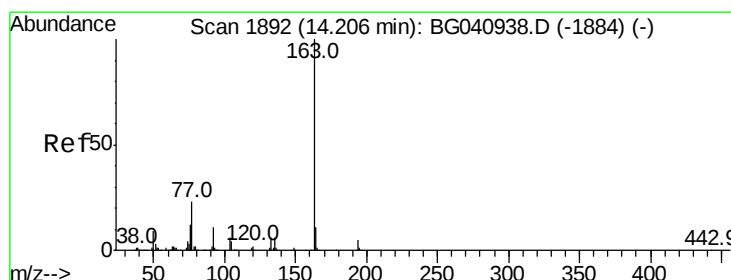
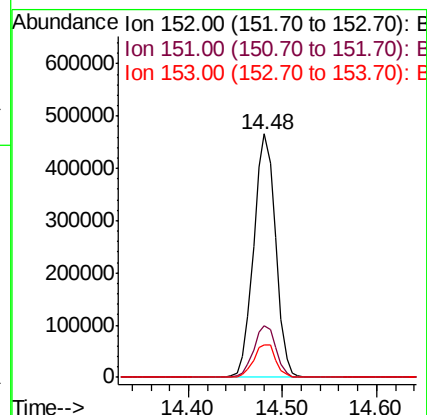
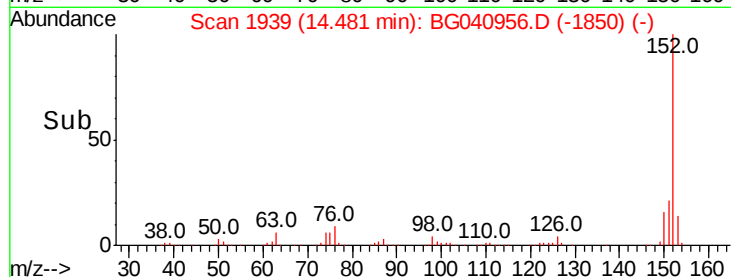
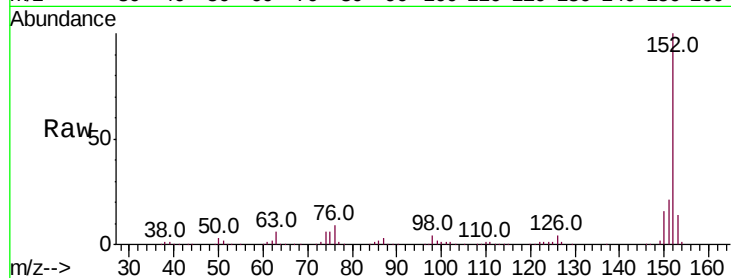
Tot Ion:152 Resp: 749476

Ion Ratio Lower Upper

152 100

151 21.4 17.4 26.0

153 13.6 11.0 16.4



#50

Dimethylphthalate

Concen: 41.410 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

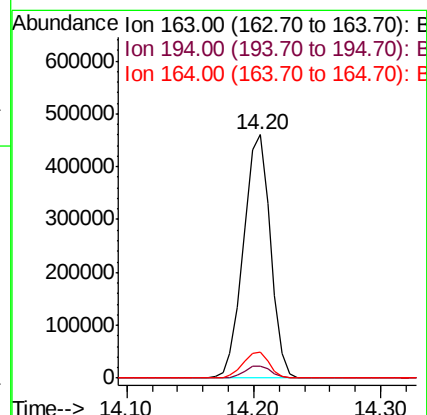
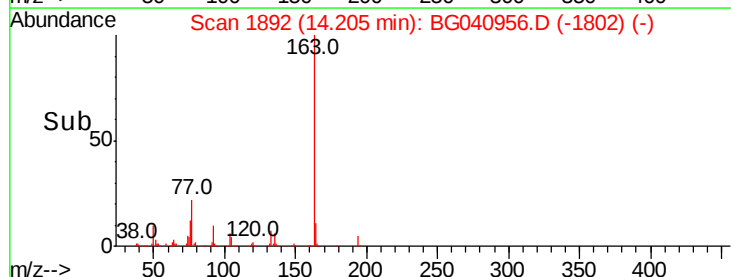
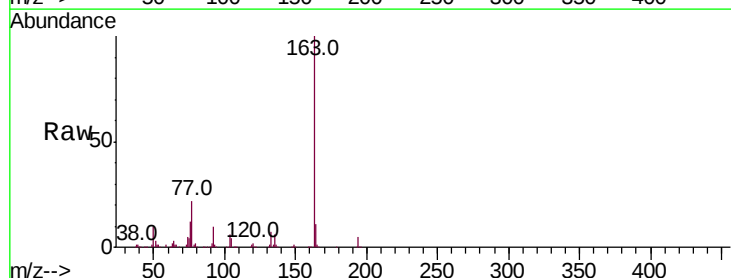
Tgt Ion:163 Resp: 675965

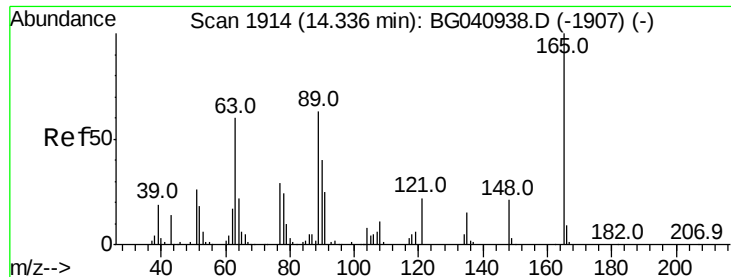
Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.8

164 10.5 8.7 13.1





#51

2,6-Dinitrotoluene

Concen: 41.418 ng

RT: 14.33 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

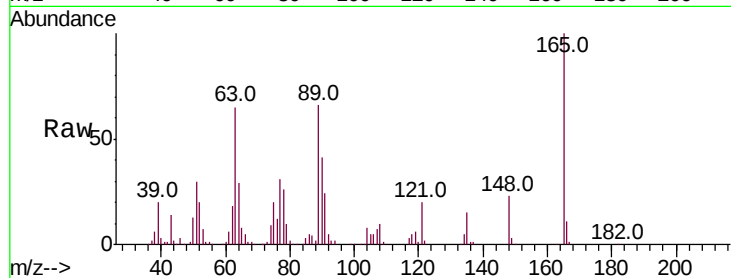
Tot Ion:165 Resp: 145770

Ion Ratio Lower Upper

165 100

63 65.0 53.6 80.4

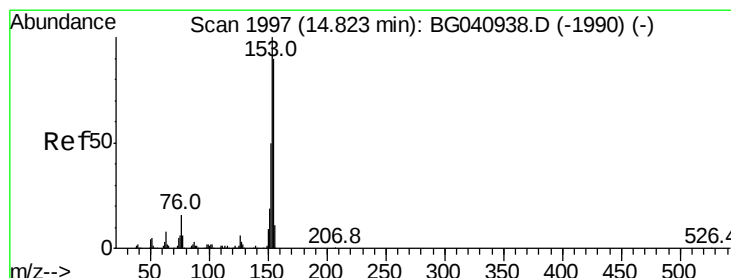
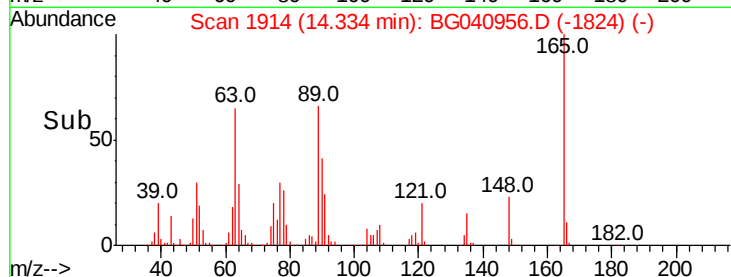
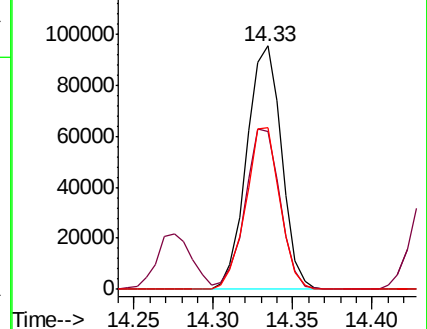
89 66.3 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 40.159 ng

RT: 14.82 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

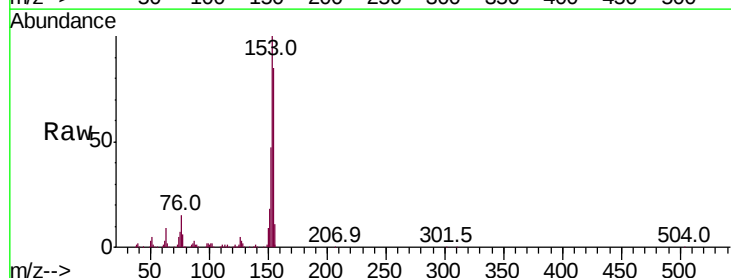
Tgt Ion:154 Resp: 448690

Ion Ratio Lower Upper

154 100

153 118.1 88.6 133.0

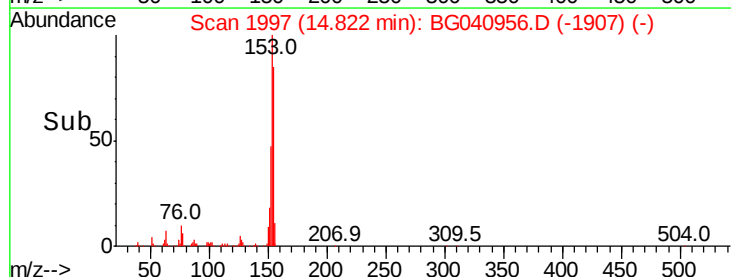
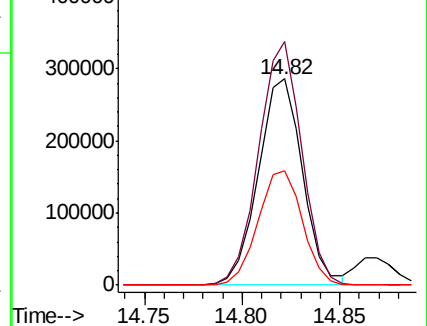
152 55.7 44.2 66.4

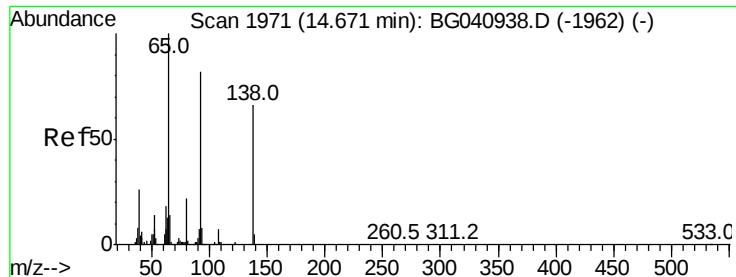


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 41.719 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

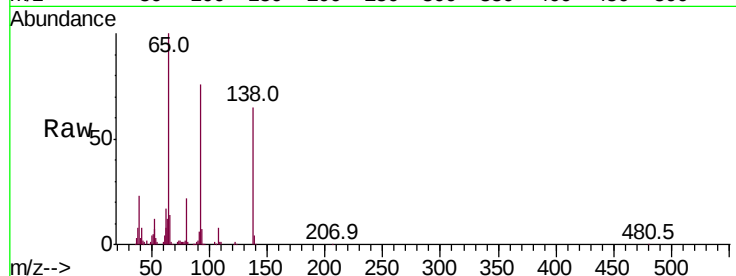
Tot Ion:138 Resp: 146825

Ion Ratio Lower Upper

138 100

108 11.9 8.5 12.7

92 117.3 99.0 148.6

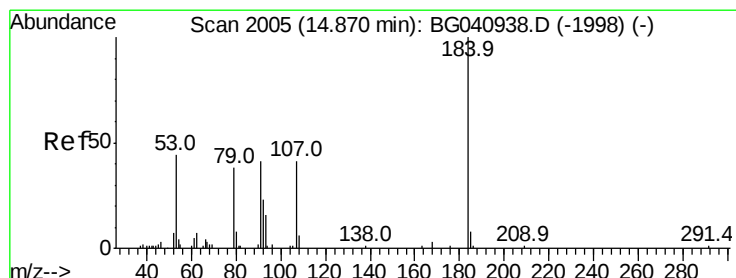
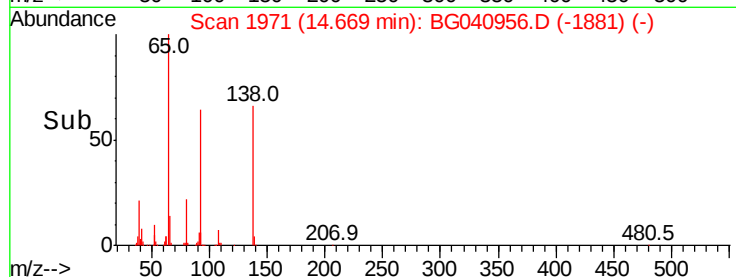
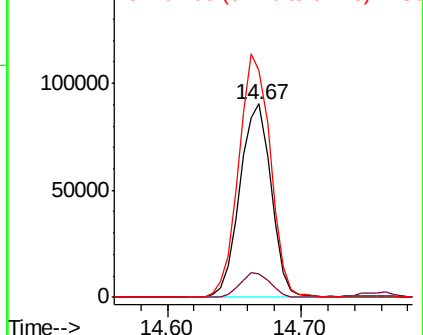


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 59.315 ng

RT: 14.87 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

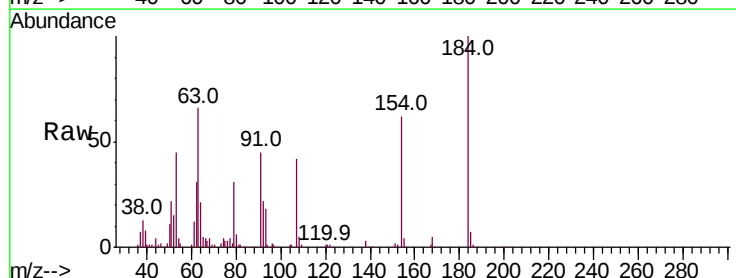
Tgt Ion:184 Resp: 95564

Ion Ratio Lower Upper

184 100

63 65.8 49.8 74.6

154 62.4 52.2 78.4

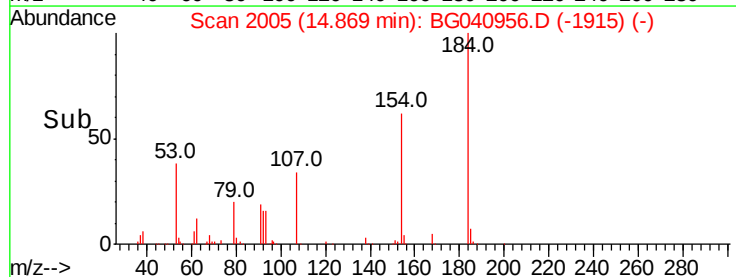
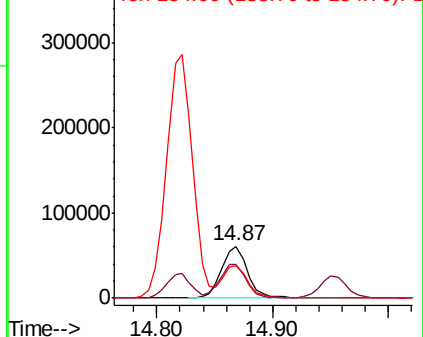


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzo(furan)

Concen: 40.441 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

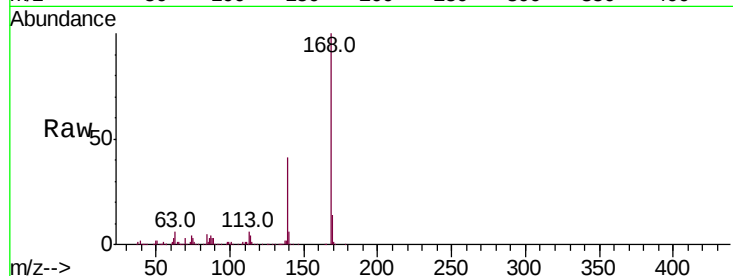
Tot Ion:168 Resp: 760284

Ion Ratio Lower Upper

168 100

139 40.6 32.8 49.2

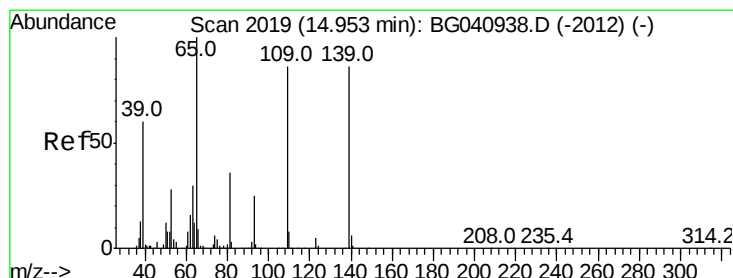
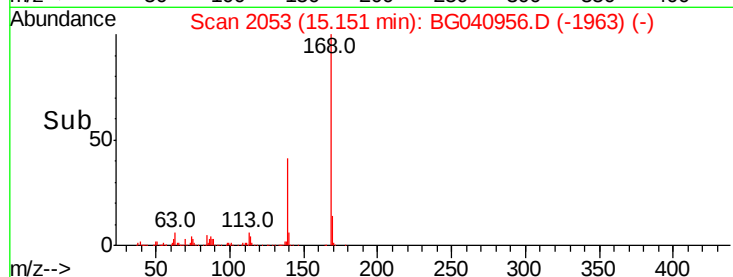
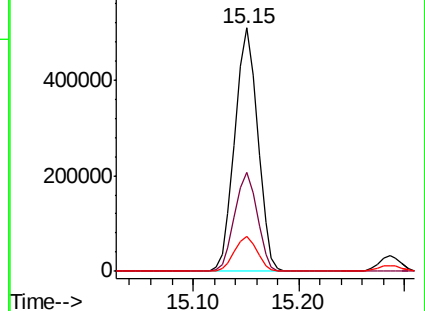
169 14.3 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 46.723 ng

RT: 14.95 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

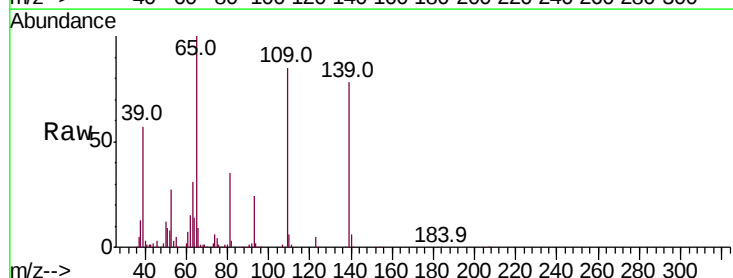
Tgt Ion:139 Resp: 112789

Ion Ratio Lower Upper

139 100

109 107.7 79.6 119.6

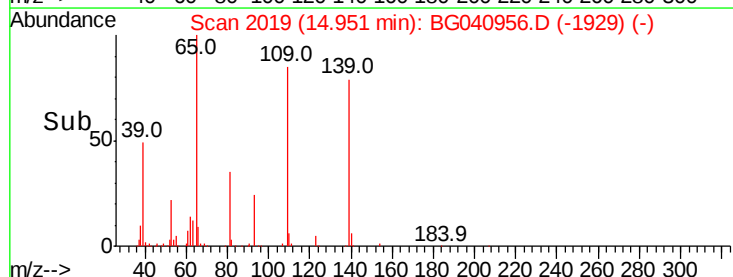
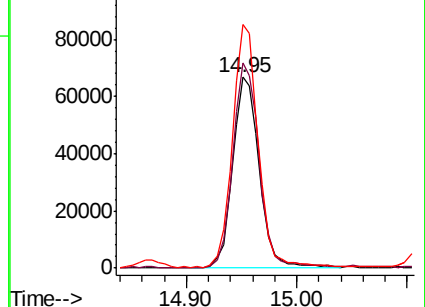
65 127.4 96.9 136.9

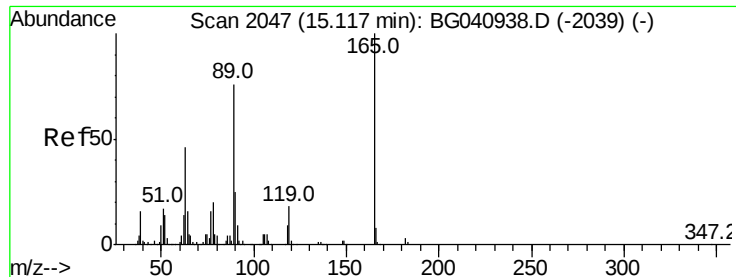


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

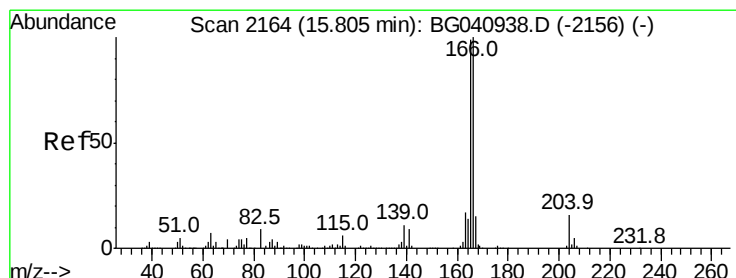
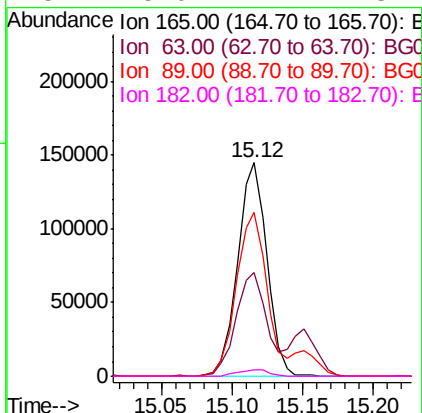
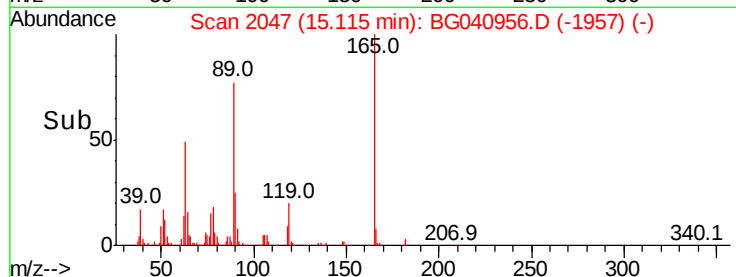
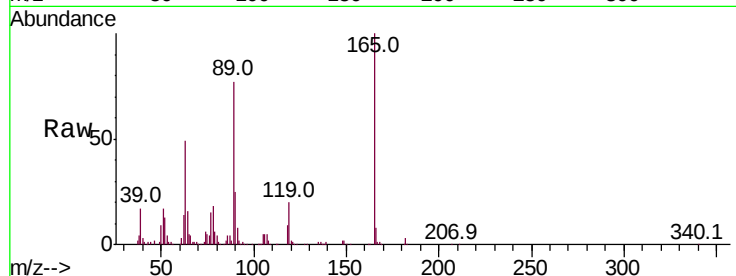




#57
2,4-Dinitrotoluene
Concen: 41.890 ng
RT: 15.12 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

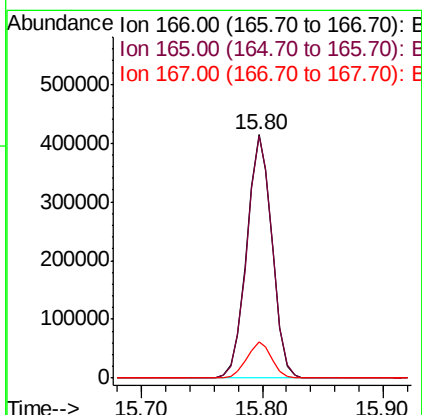
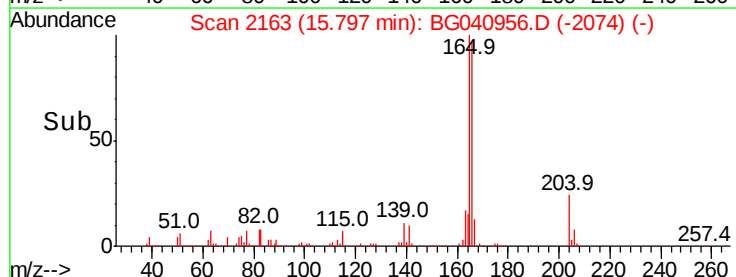
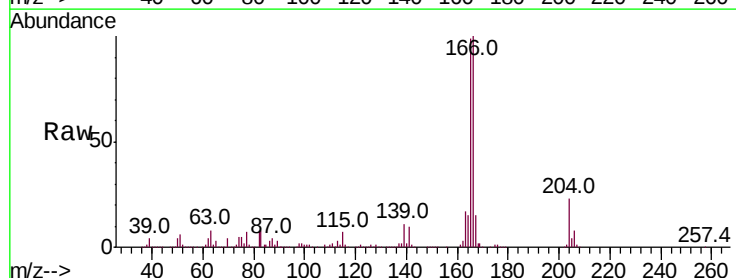
Instrument :
BNA_G
ClientSampleId :

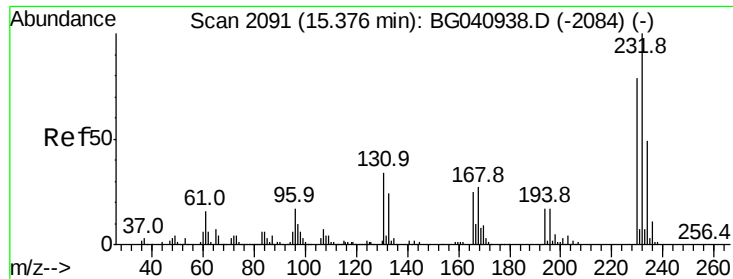
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.6	37.3	55.9
89	76.8	61.0	91.6
182	3.0	2.2	3.2



#58
Fluorene
Concen: 40.204 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.2	118.8
167	14.8	11.8	17.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.902 ng

RT: 15.37 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 213150

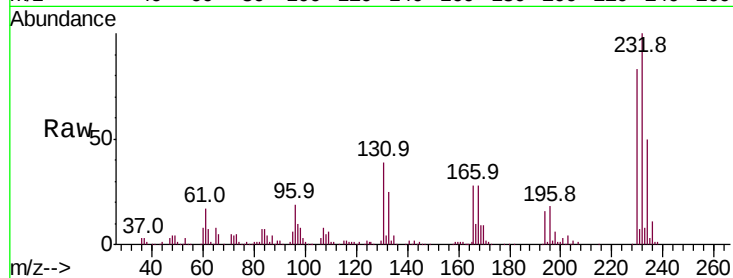
Ion Ratio Lower Upper

232 100

131 38.6 30.3 45.5

130 2.1 1.8 2.8

166 26.8 21.3 31.9

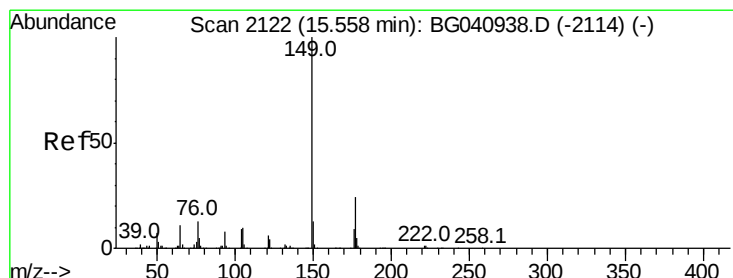
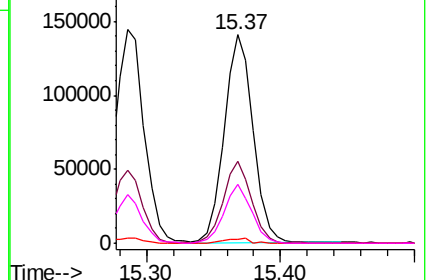
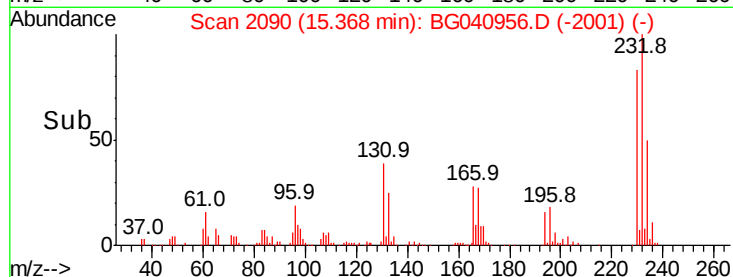


Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.971 ng

RT: 15.55 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

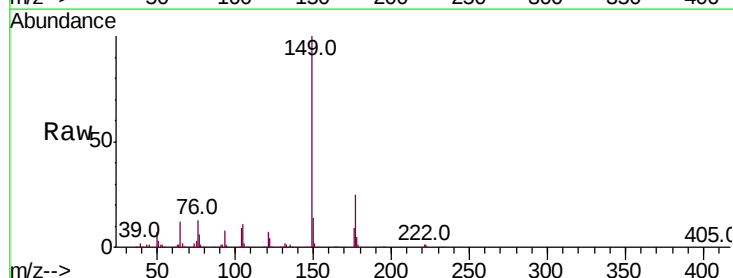
Tgt Ion:149 Resp: 682521

Ion Ratio Lower Upper

149 100

177 25.3 19.4 29.0

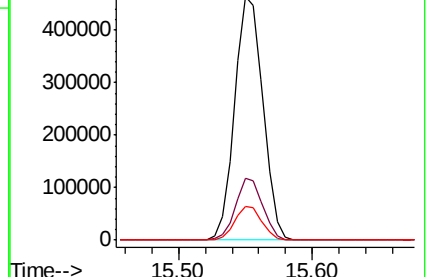
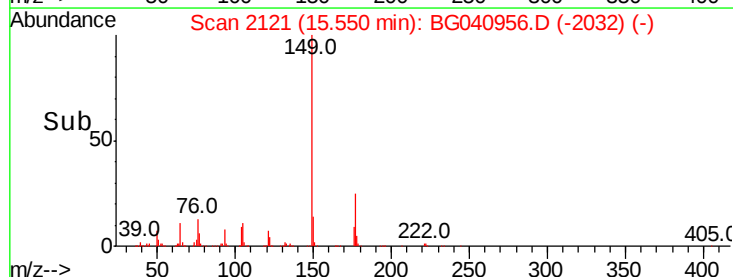
150 13.9 10.3 15.5

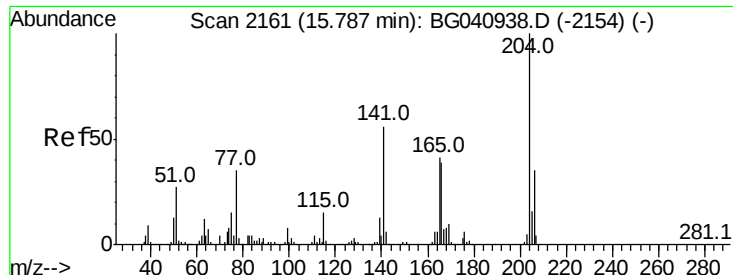


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 40.610 ng

RT: 15.79 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampled :

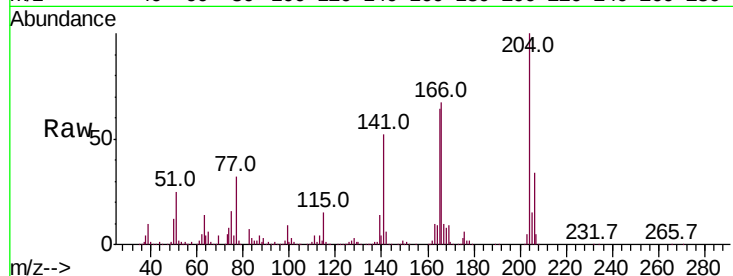
Tot Ion:204 Resp: 395193

Ion Ratio Lower Upper

204 100

206 33.8 27.6 41.4

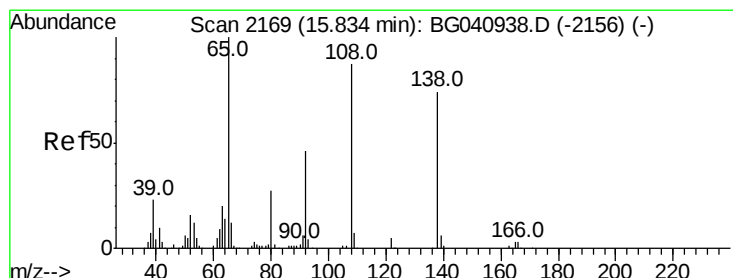
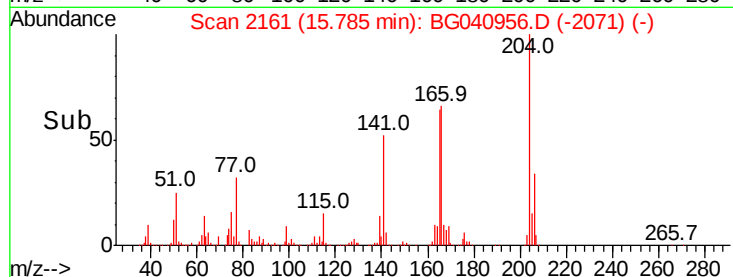
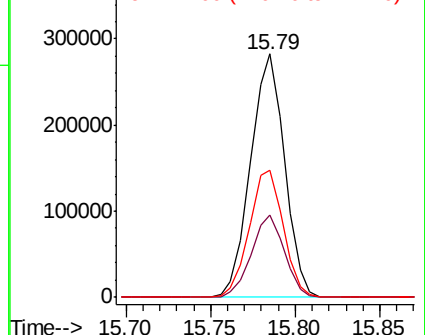
141 52.2 45.1 67.7



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: 42.556 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

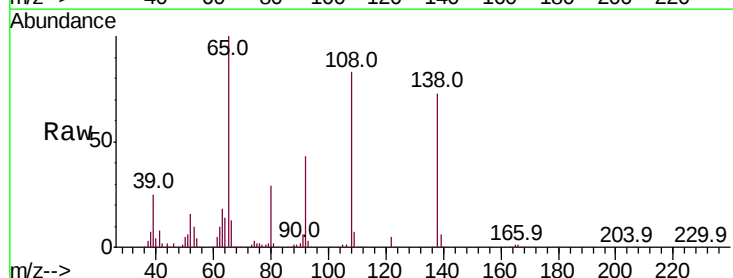
Tgt Ion:138 Resp: 158559

Ion Ratio Lower Upper

138 100

92 58.8 42.4 82.4

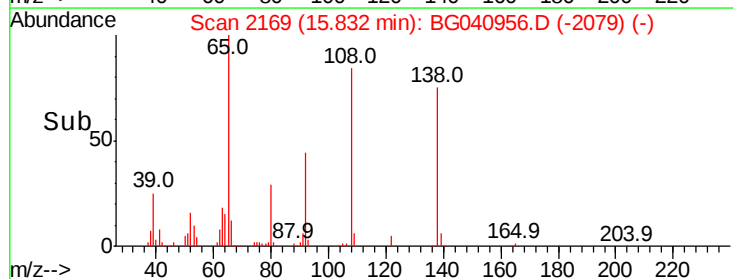
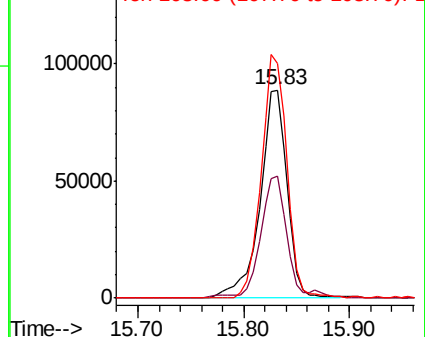
108 112.7 96.9 136.9

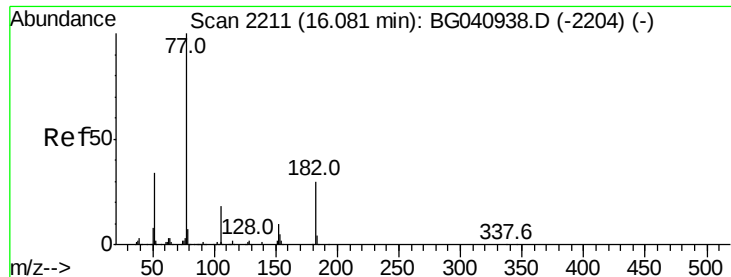


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

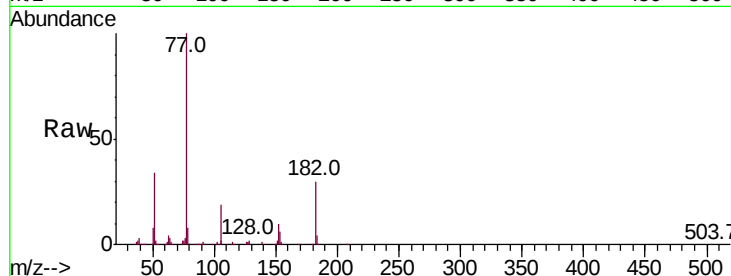




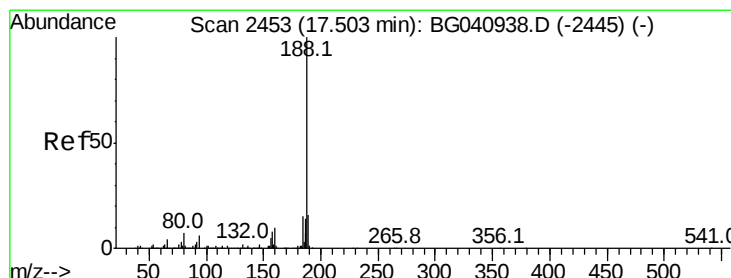
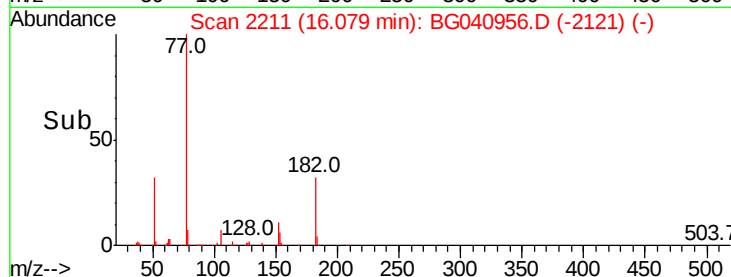
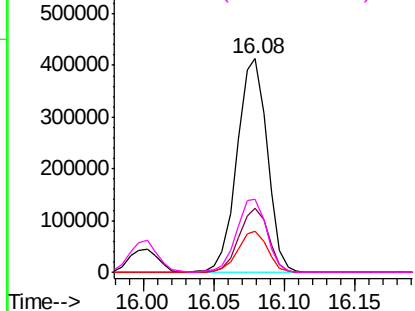
#63
Azobenzene
Concen: 40.704 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	616295
Ion	Ratio	Lower	Upper
77	100		
182	30.2	9.6	49.6
105	19.4	0.0	37.5
51	34.1	13.7	53.7

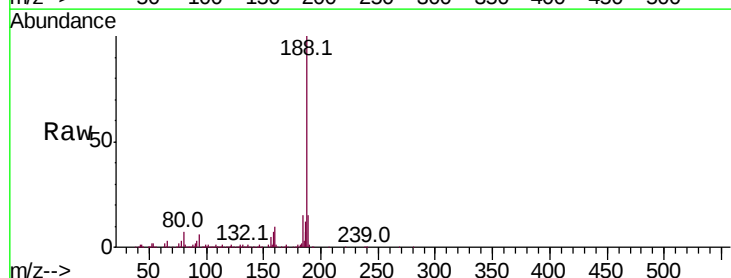


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

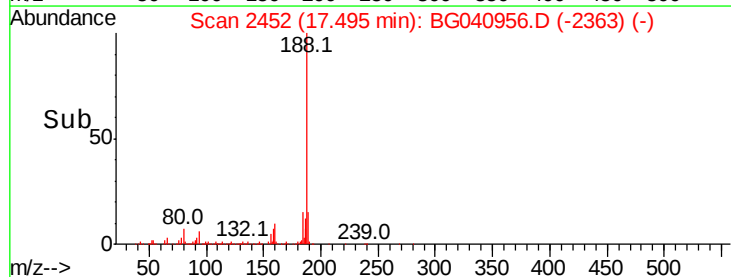
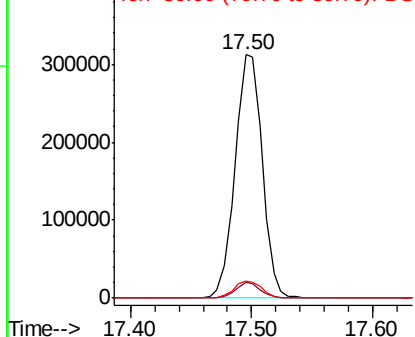


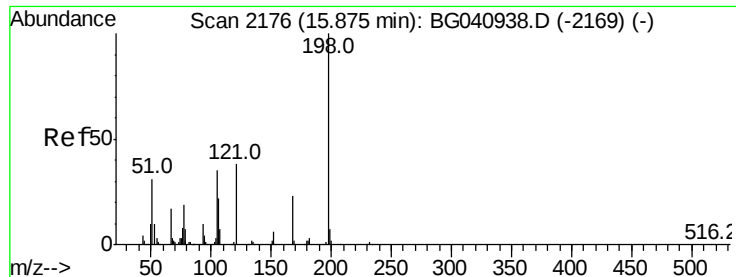
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion:	188	Resp:	490188
Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.7	7.1
80	6.9	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: 48.579 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

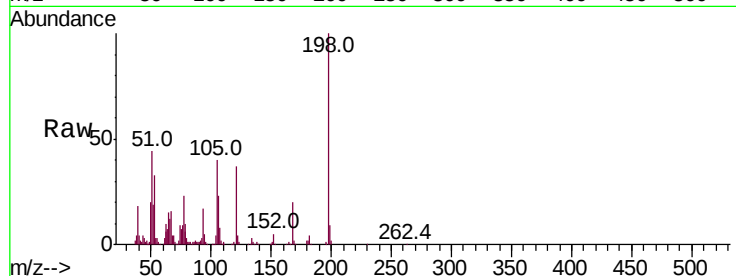
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 127934

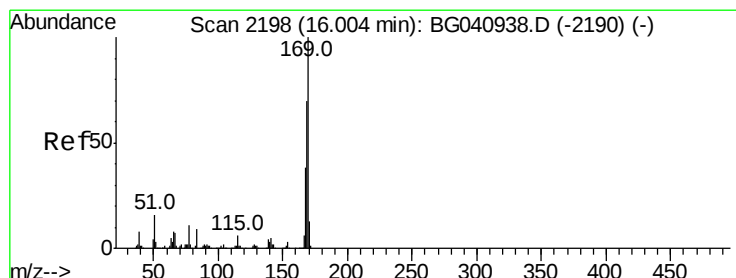
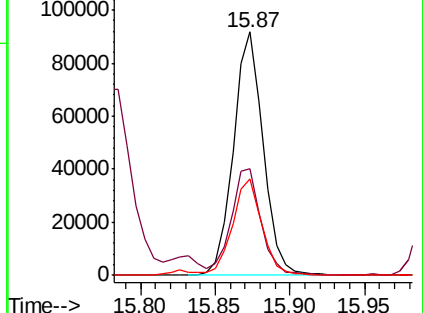
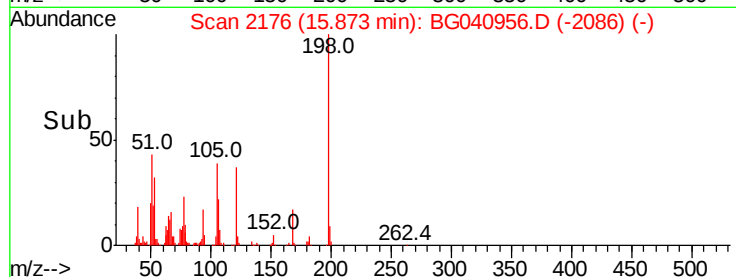
Ion	Ratio	Lower	Upper
198	100		
51	43.7	21.6	61.6
105	39.5	17.5	57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.177 ng

RT: 16.00 min Scan# 2198

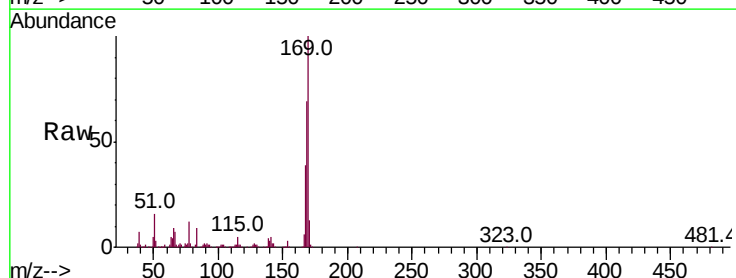
Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion:169 Resp: 553624

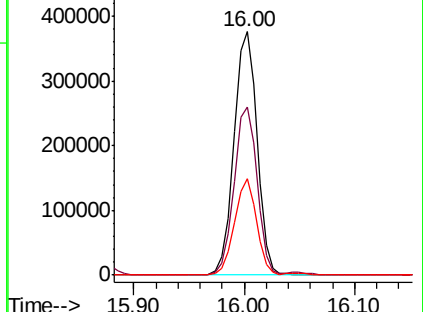
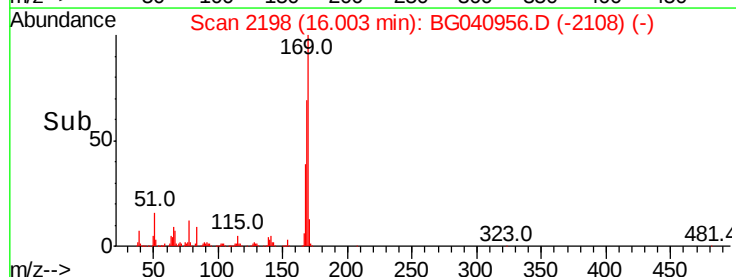
Ion	Ratio	Lower	Upper
169	100		
168	69.3	55.7	83.5
167	39.4	30.2	45.2

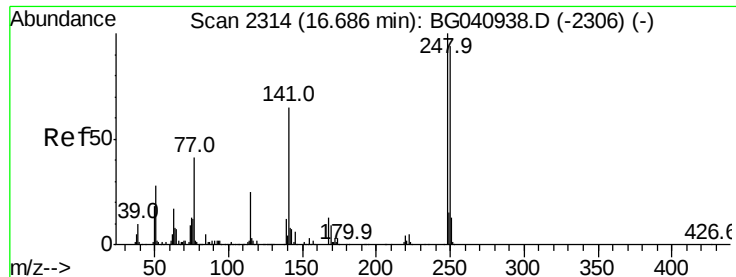


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

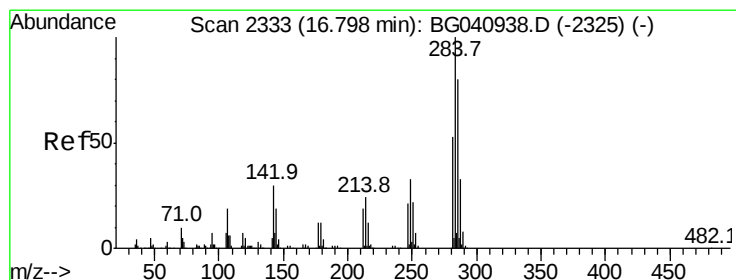
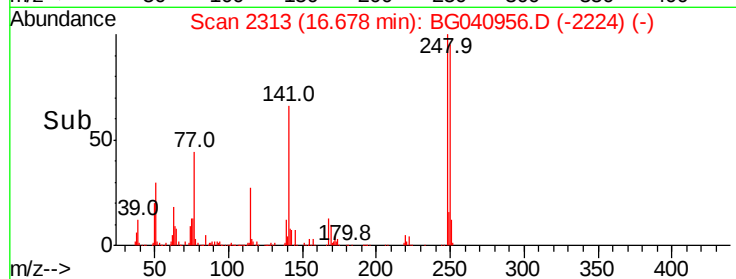
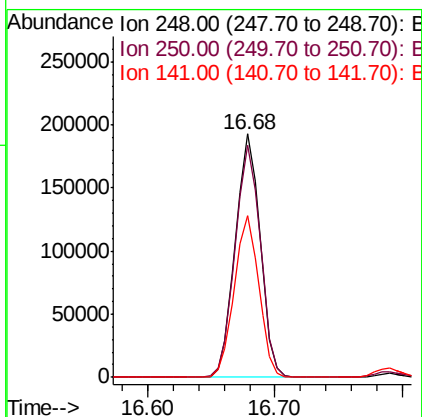
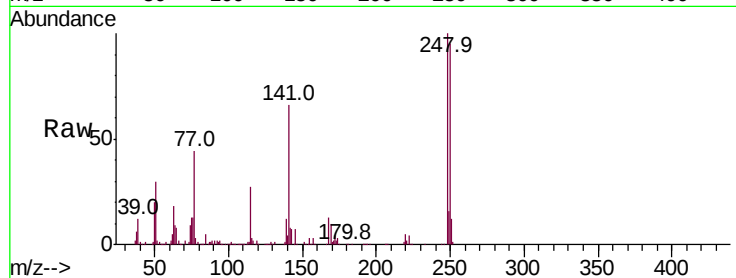




#67
4-Bromophenyl-phenylether
Concen: 39.384 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

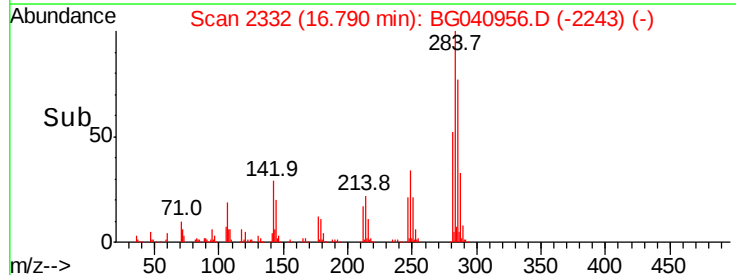
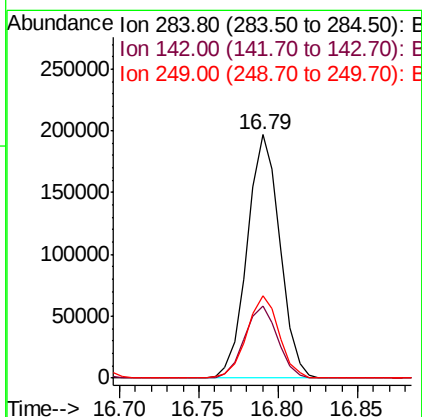
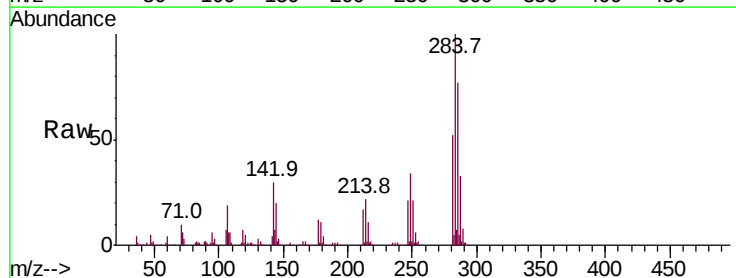
Instrument :
BNA_G
ClientSampled :

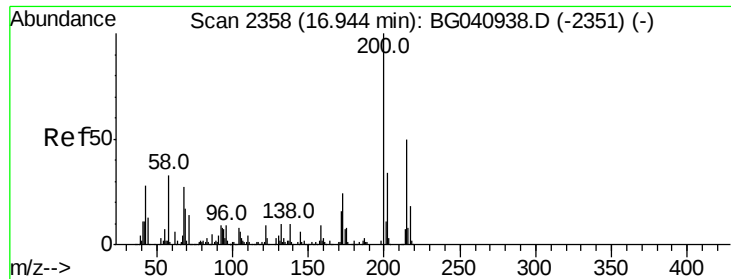
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	75.0	112.4
141	66.2	52.4	78.6



#68
Hexachlorobenzene
Concen: 39.904 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	23.9	35.9
249	34.0	26.8	40.2





#69

Atrazine

Concen: 43.563 ng

RT: 16.94 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

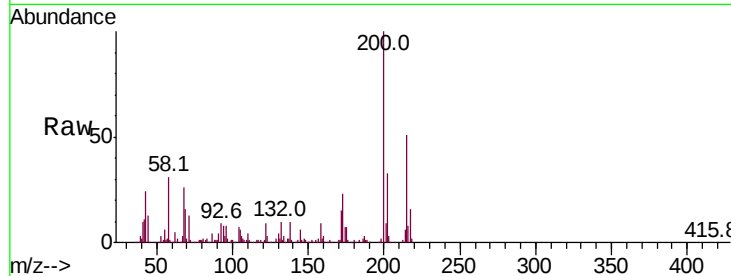
Tot Ion:200 Resp: 231626

Ion Ratio Lower Upper

200 100

173 22.7 3.6 43.6

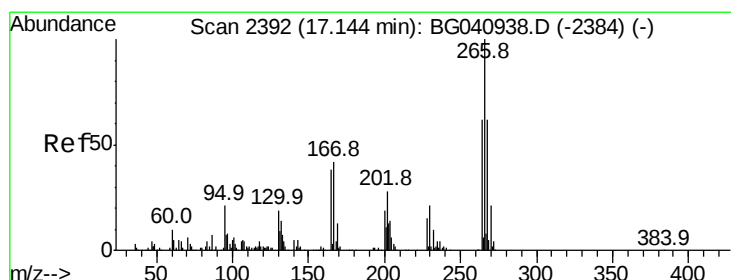
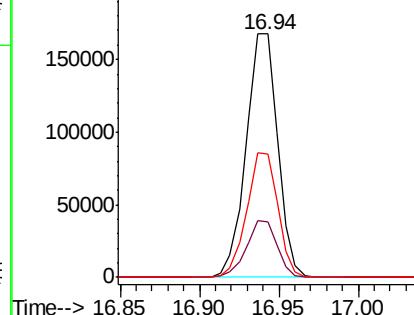
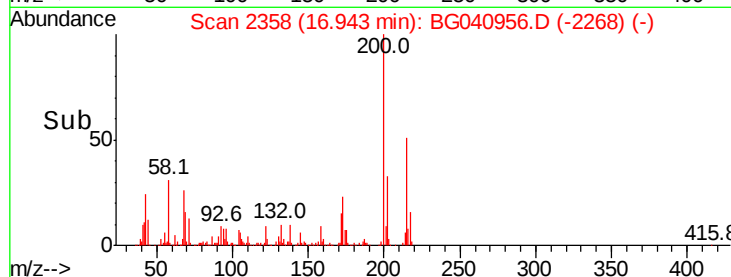
215 50.6 29.6 69.6



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: 45.192 ng

RT: 17.14 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

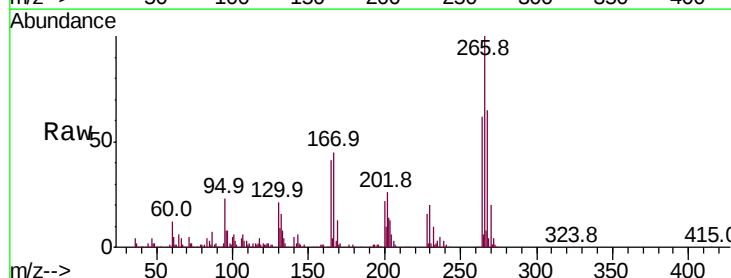
Tgt Ion:266 Resp: 163155

Ion Ratio Lower Upper

266 100

268 64.6 53.1 79.7

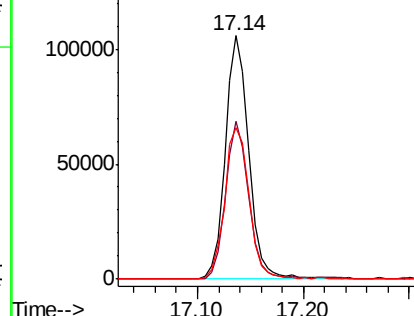
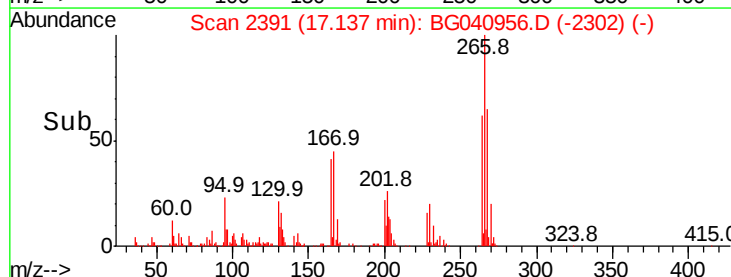
264 62.3 49.9 74.9

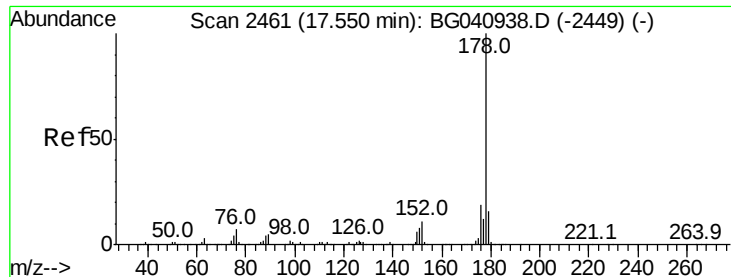


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

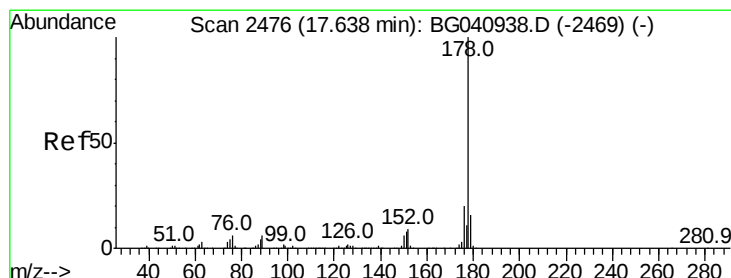
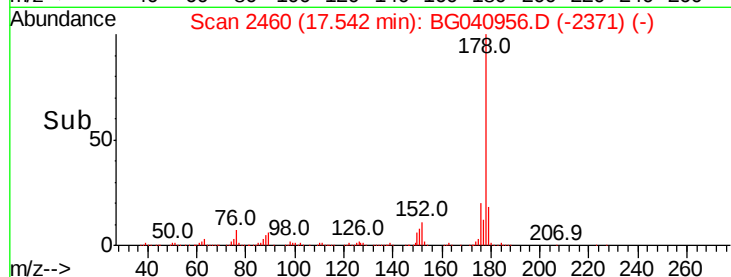
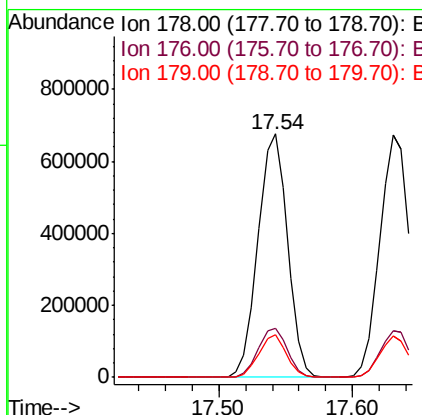
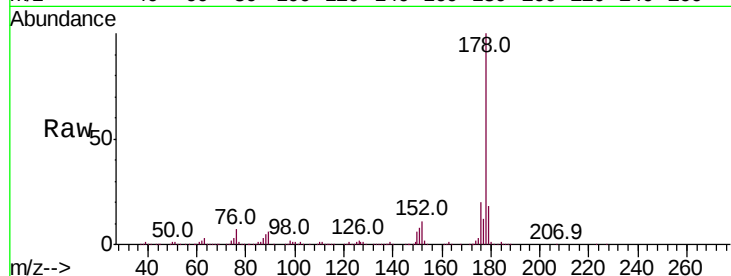




#71
Phenanthrene
Concen: 40.521 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

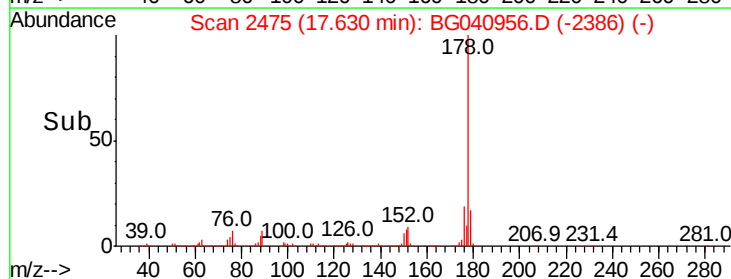
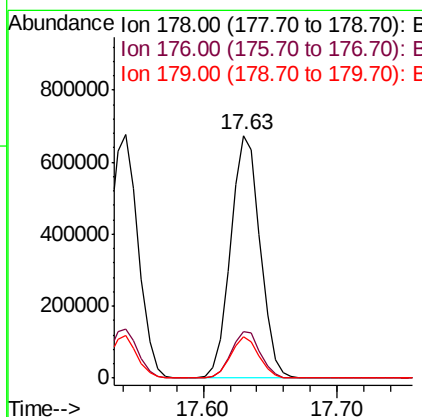
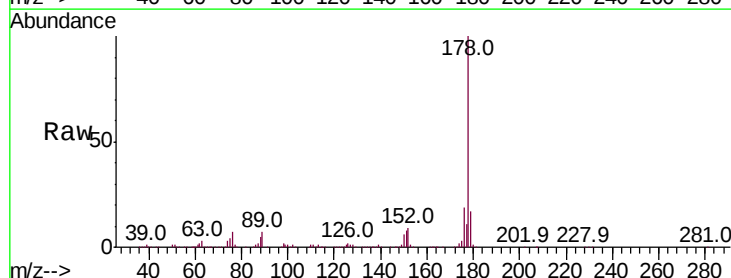
Instrument :
BNA_G
ClientSampleId :

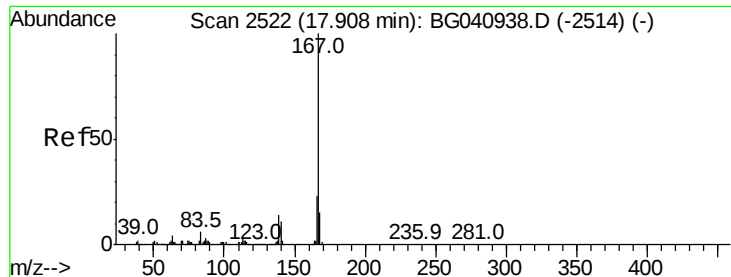
Tot Ion:178 Resp: 1034620
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 17.5 12.7 19.1



#72
Anthracene
Concen: 40.981 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion:178 Resp: 1032005
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 16.8 13.0 19.4





#73

Carbazole

Concen: 42.046 ng

RT: 17.90 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

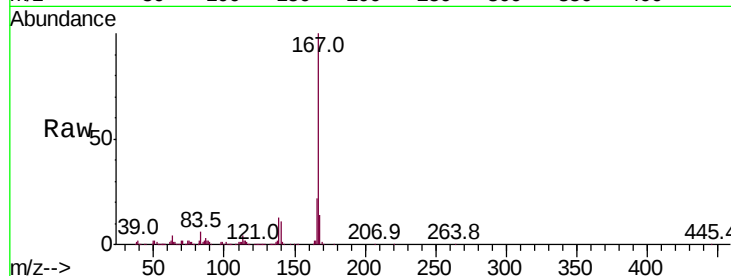
Tot Ion:167 Resp: 908523

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.4

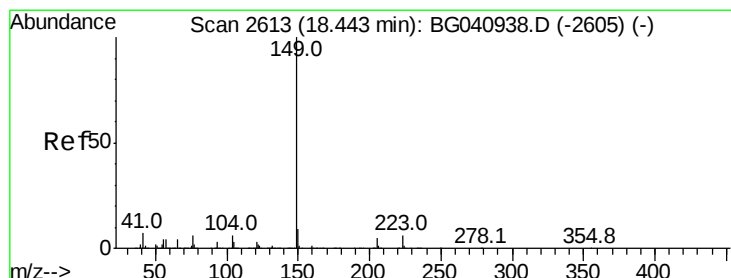
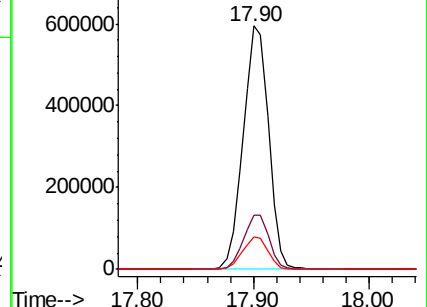
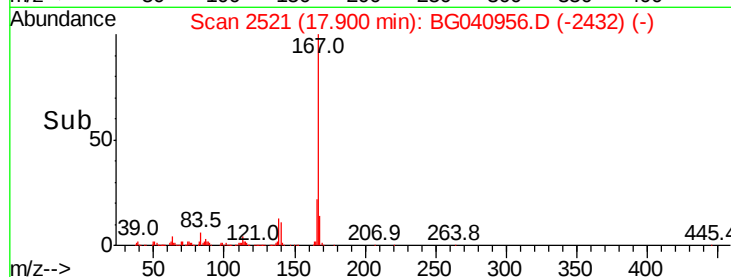
139 13.4 10.8 16.2



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: 41.685 ng

RT: 18.44 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

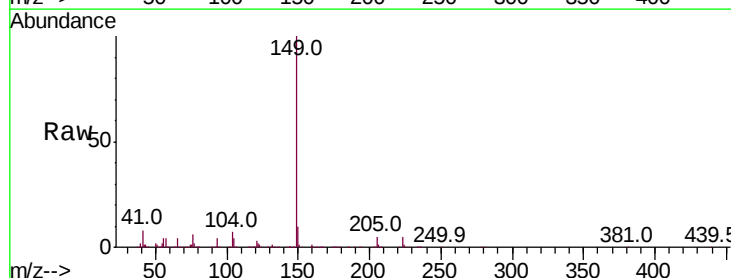
Tgt Ion:149 Resp: 1119468

Ion Ratio Lower Upper

149 100

150 10.5 7.4 11.2

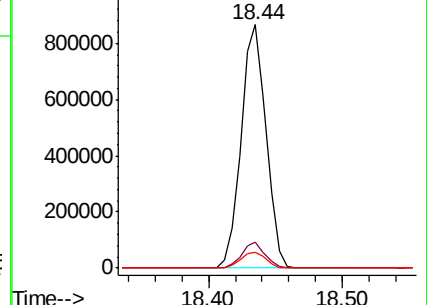
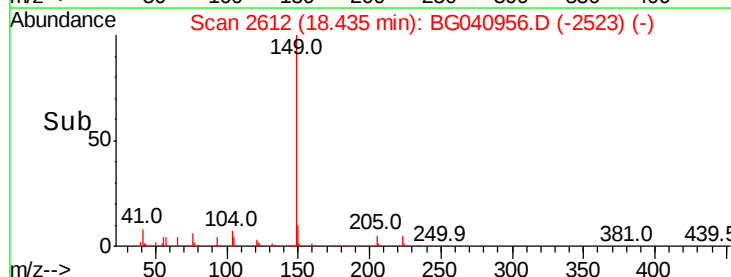
104 6.7 5.0 7.4

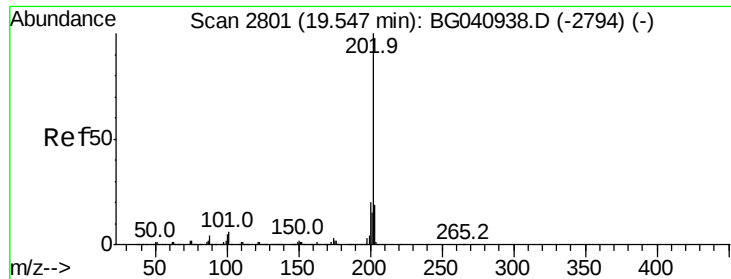


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.564 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

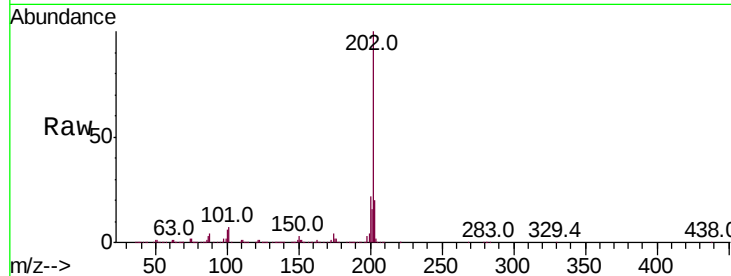
Tot Ion:202 Resp: 1310822

Ion Ratio Lower Upper

202 100

101 6.8 0.0 26.2

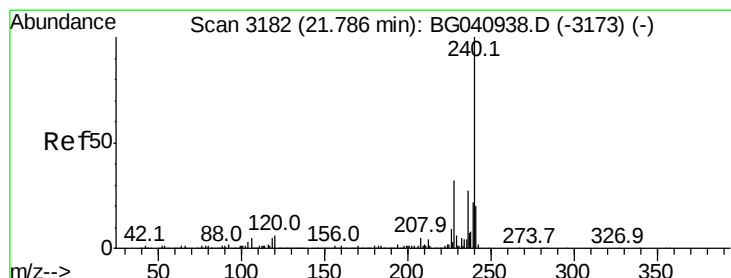
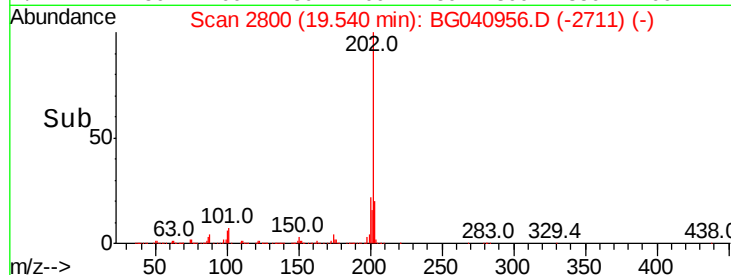
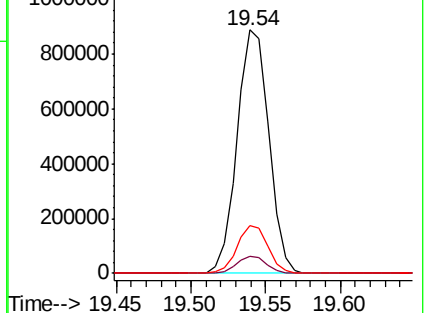
203 19.6 0.0 38.7



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: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

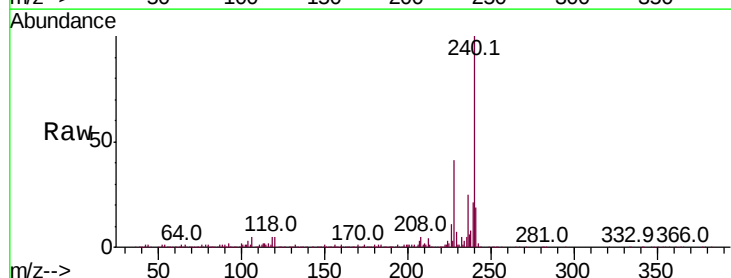
Tgt Ion:240 Resp: 479070

Ion Ratio Lower Upper

240 100

120 5.3 4.5 6.7

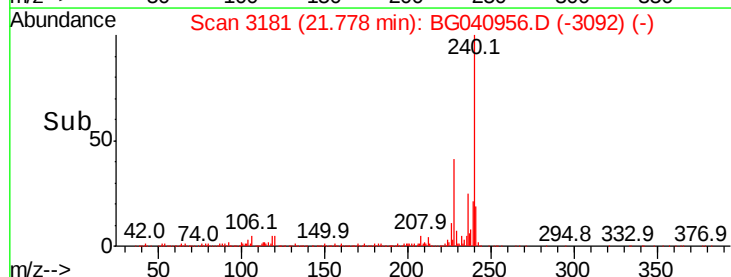
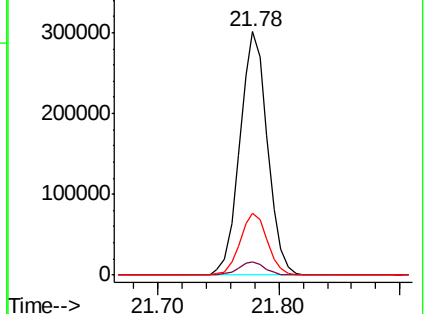
236 25.2 21.3 31.9

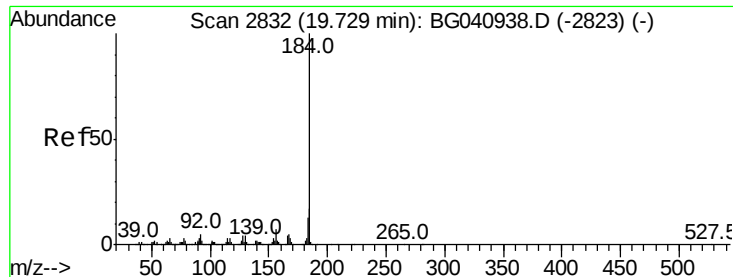


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.941 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampled :

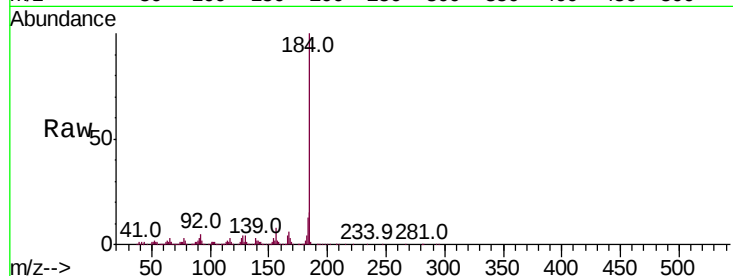
Tot Ion:184 Resp: 502173

Ion Ratio Lower Upper

184 100

185 14.9 13.3 19.9

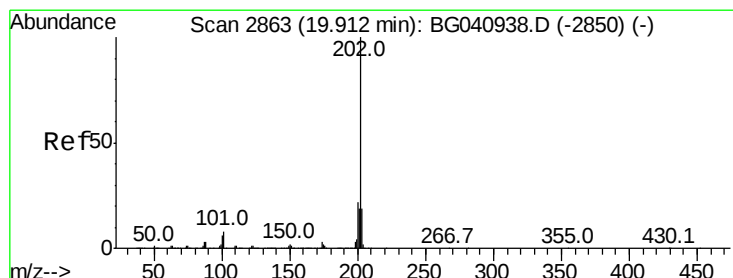
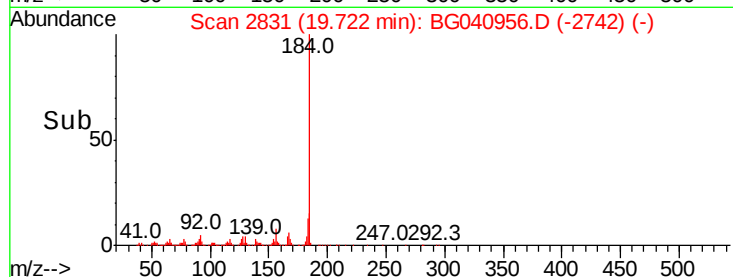
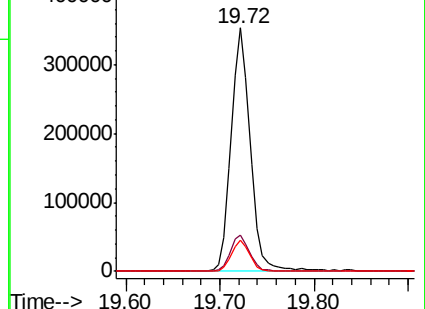
183 12.6 10.7 16.1



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: 42.489 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

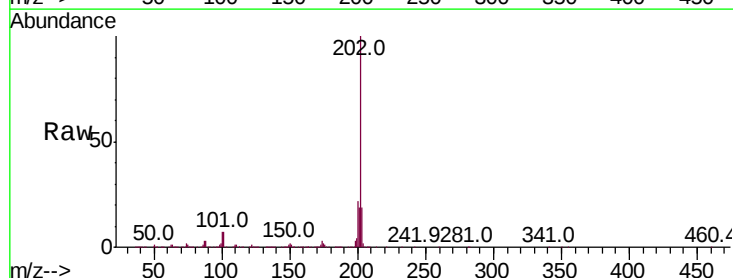
Tgt Ion:202 Resp: 1323223

Ion Ratio Lower Upper

202 100

200 22.2 17.5 26.3

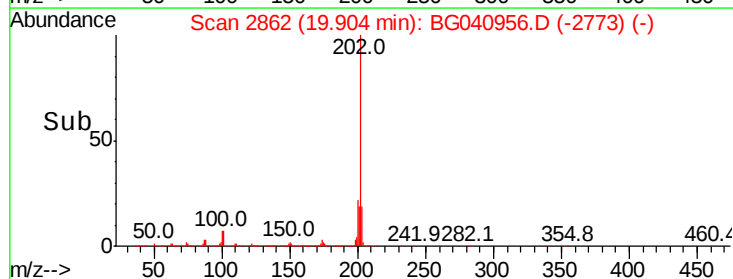
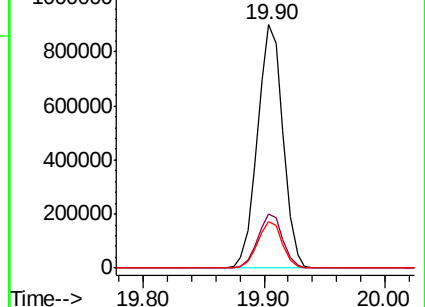
203 18.9 15.6 23.4

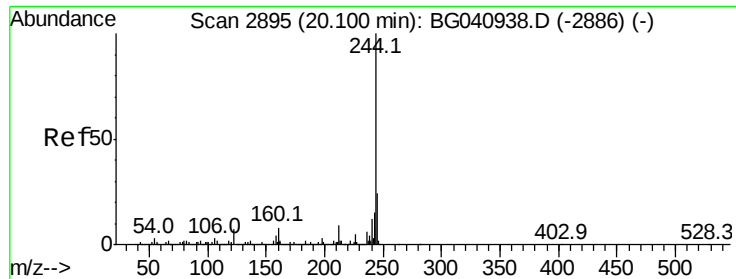


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.479 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

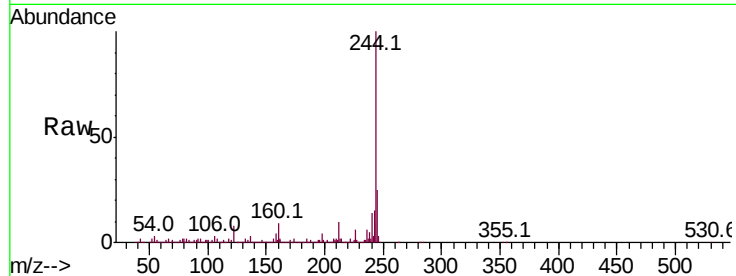
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1861770

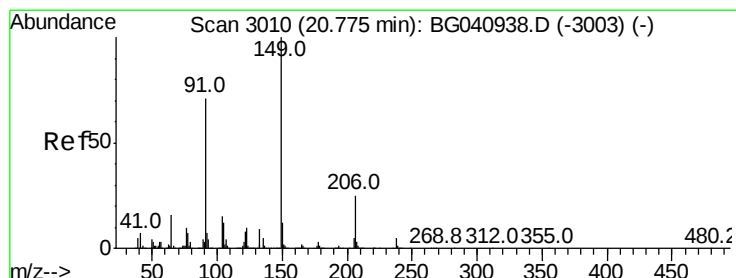
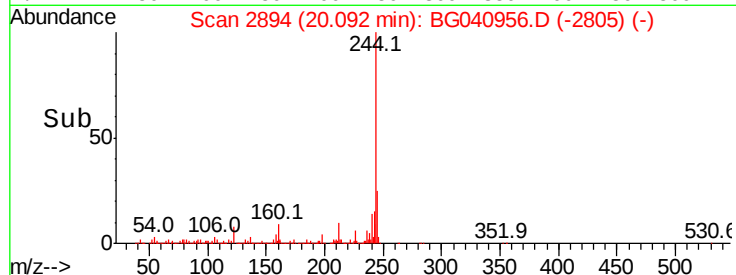
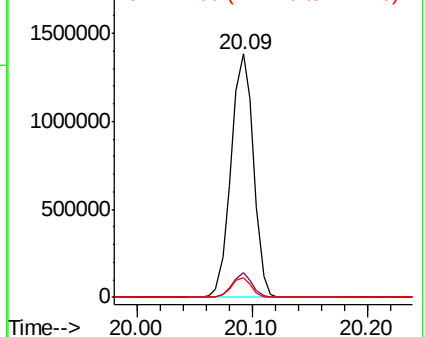
Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.0	10.4
122	7.9	5.4	8.0



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



#80

Butylbenzylphthalate

Concen: 41.799 ng

RT: 20.77 min Scan# 3009

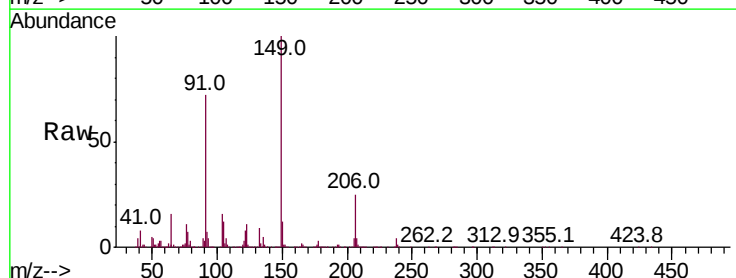
Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion:149 Resp: 506579

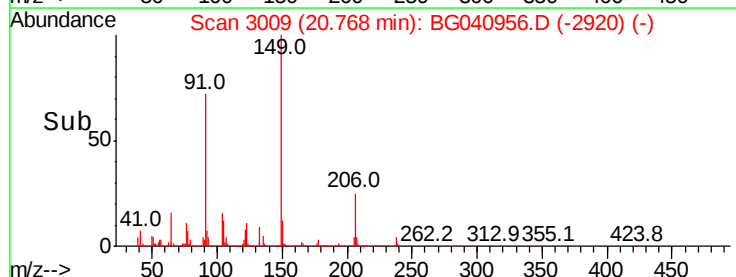
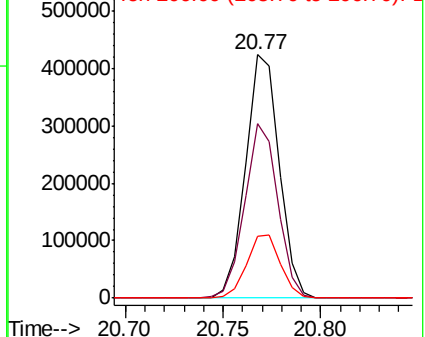
Ion	Ratio	Lower	Upper
149	100		
91	71.5	56.5	84.7
206	25.3	20.3	30.5

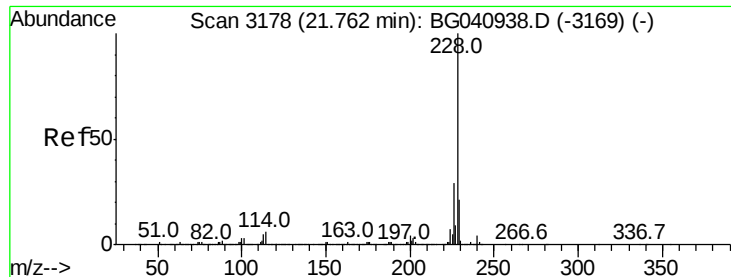


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.299 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

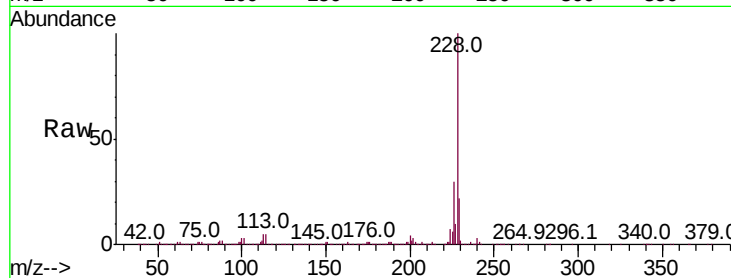
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1285117

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.5	35.3
229	21.6	16.7	25.1

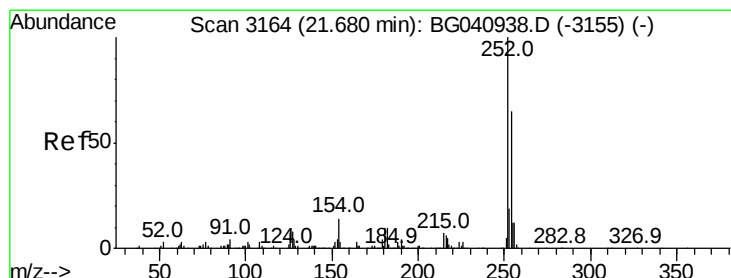
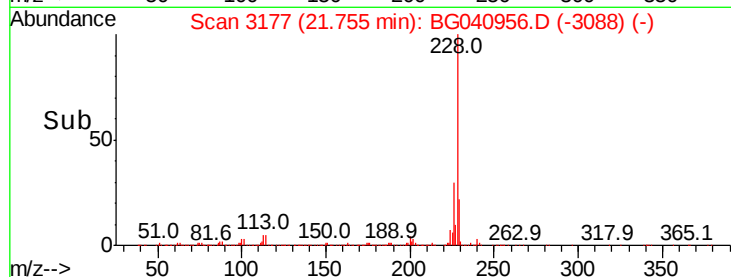
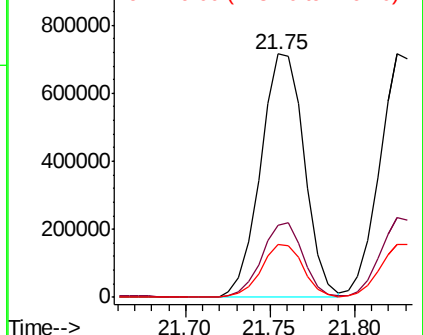


Abundance

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: 42.071 ng

RT: 21.67 min Scan# 3163

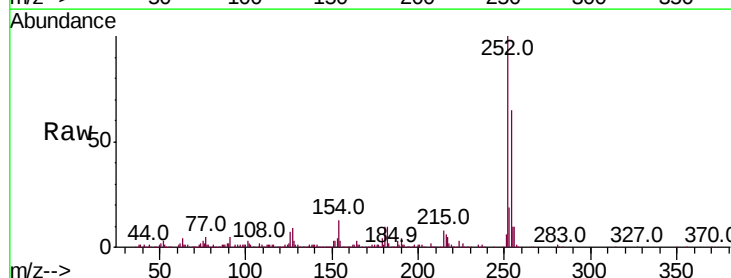
Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion:252 Resp: 471881

Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.1	78.1
126	7.0	5.5	8.3

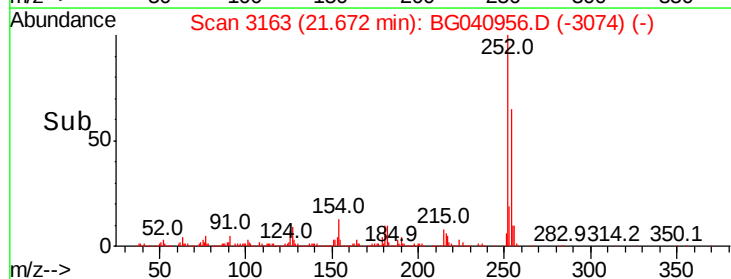
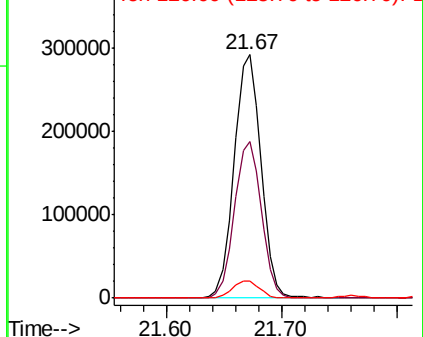


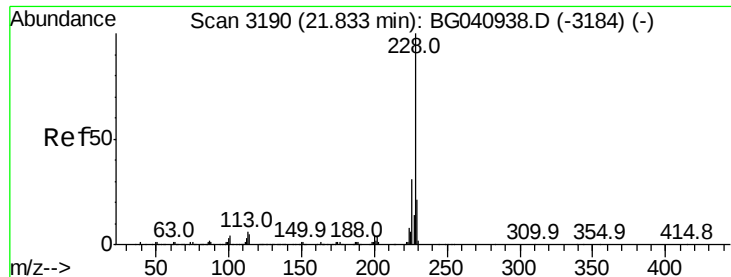
Abundance

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: 40.364 ng

RT: 21.83 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

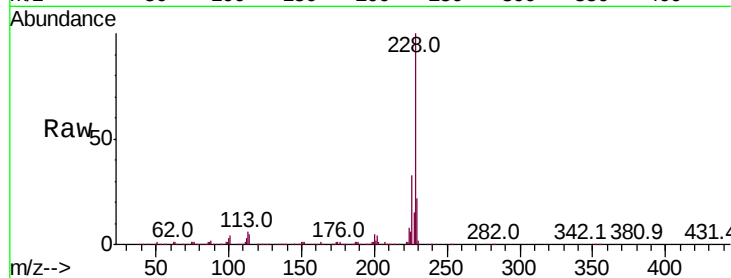
Tot Ion:228 Resp: 1231790

Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.6	37.0
229	21.6	16.6	24.8

228 100

226 32.9 24.6 37.0

229 21.6 16.6 24.8

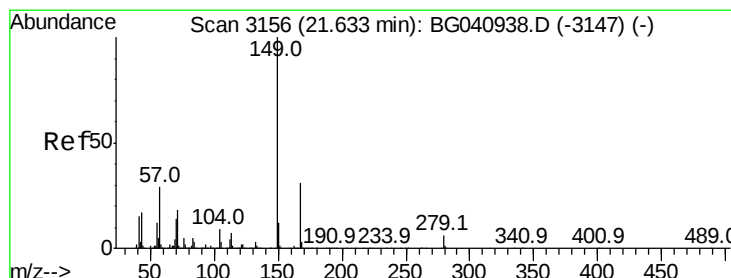
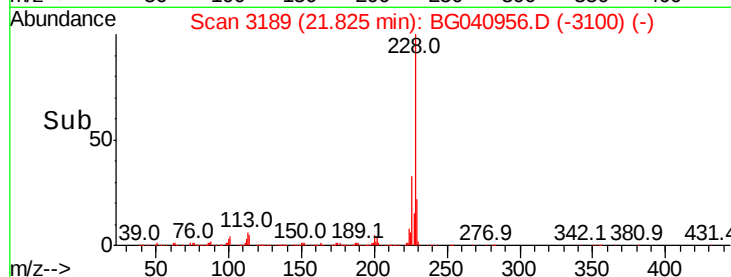
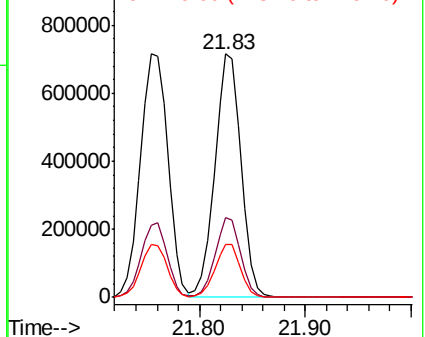


Abundance

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: 40.299 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

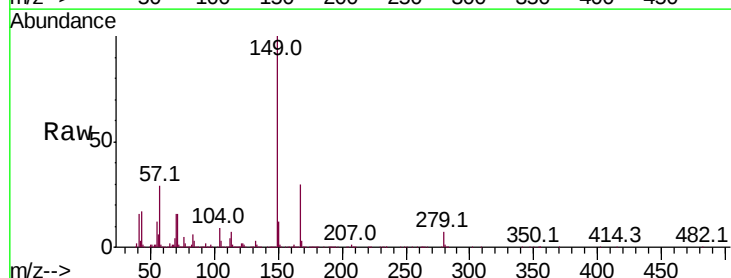
Tgt Ion:149 Resp: 687536

Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.6	37.0
279	6.8	5.0	7.6

149 100

167 29.8 24.6 37.0

279 6.8 5.0 7.6

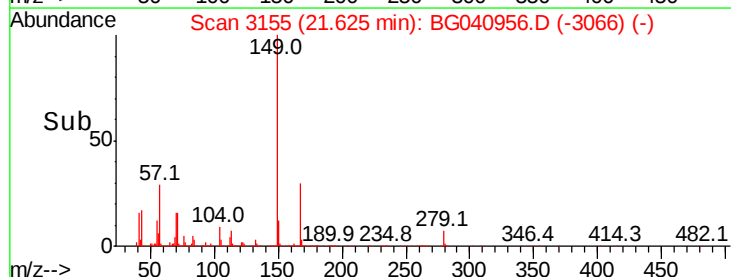
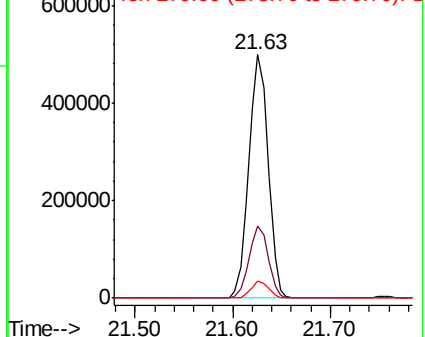


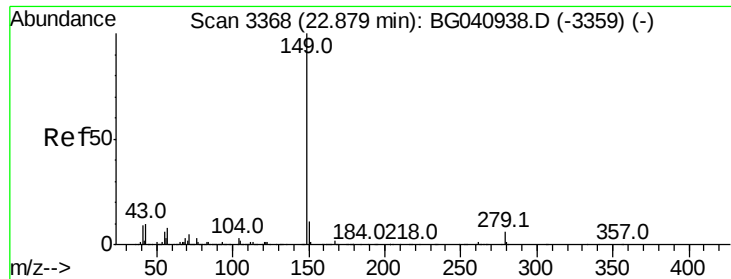
Abundance

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: 40.209 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

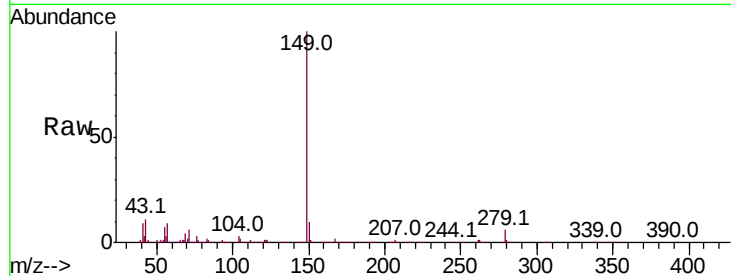
Tot Ion:149 Resp: 1142477

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 10.6 8.1 12.1

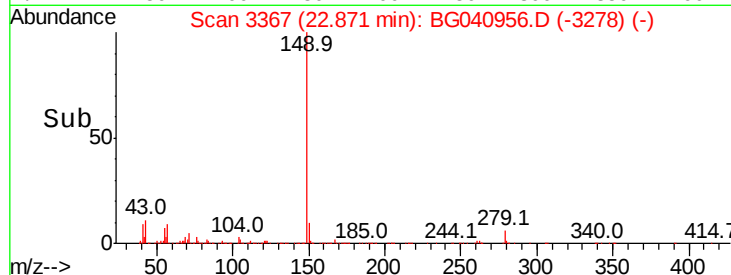


Abundance Ion 149.00 (148.70 to 149.70): E

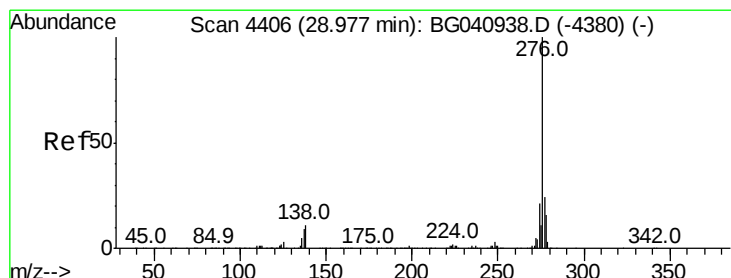
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.87



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.979 ng

RT: 28.95 min Scan# 4402

Delta R.T. -0.03 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

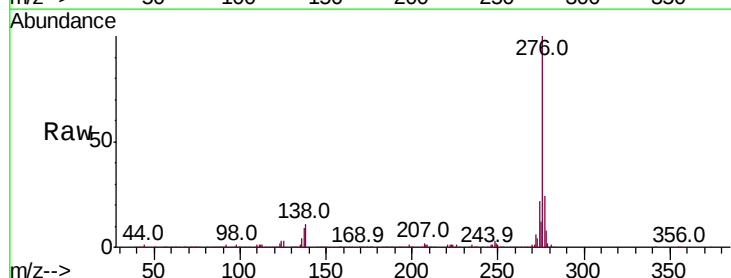
Tgt Ion:276 Resp: 1457169

Ion Ratio Lower Upper

276 100

138 7.2 5.7 8.5

277 26.0 20.8 31.2

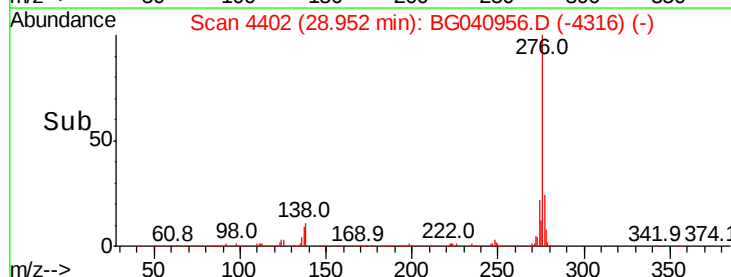


Abundance Ion 276.00 (275.70 to 276.70): E

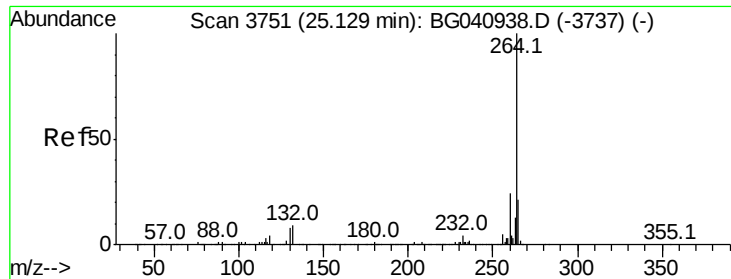
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.95



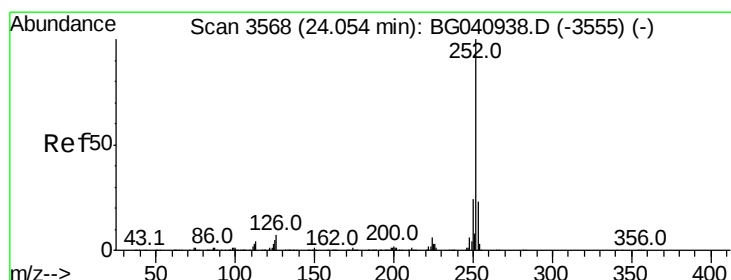
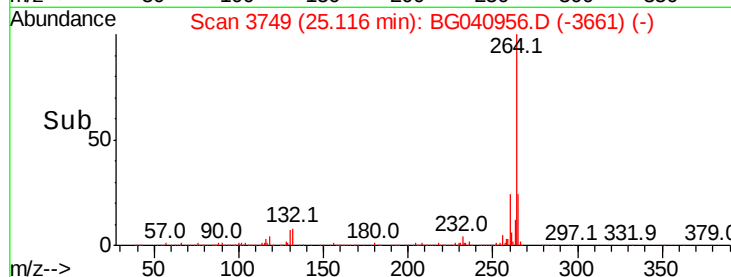
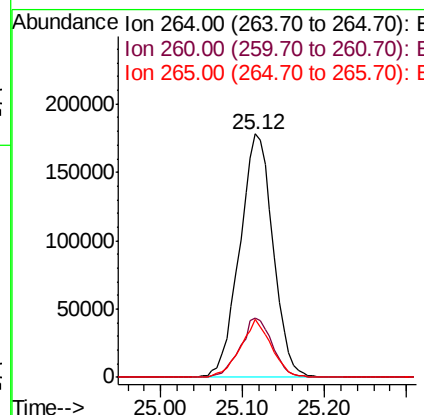
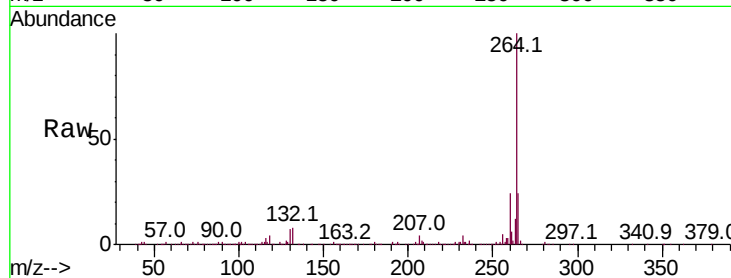
Time-->



#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3749
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

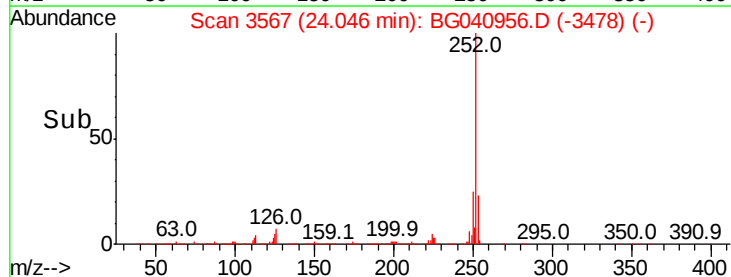
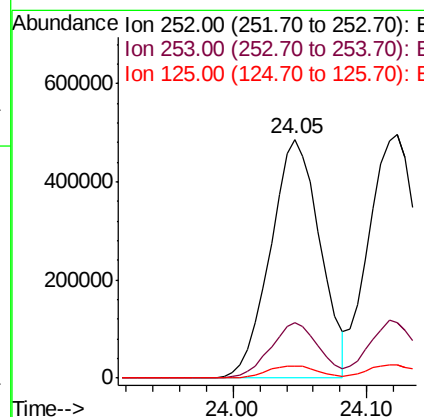
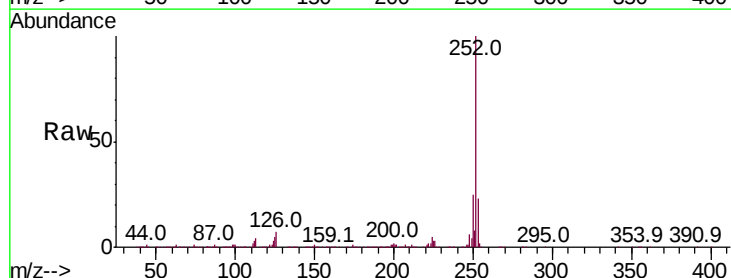
Instrument :
BNA_G
ClientSampleId :

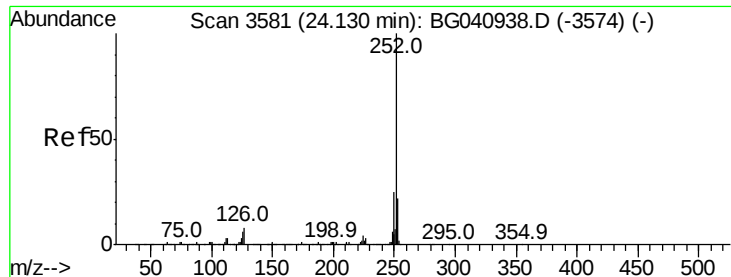
Tot Ion:264 Resp: 503620
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.4
265 23.7 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 41.134 ng
RT: 24.05 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion:252 Resp: 1256502
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 4.9 4.3 6.5

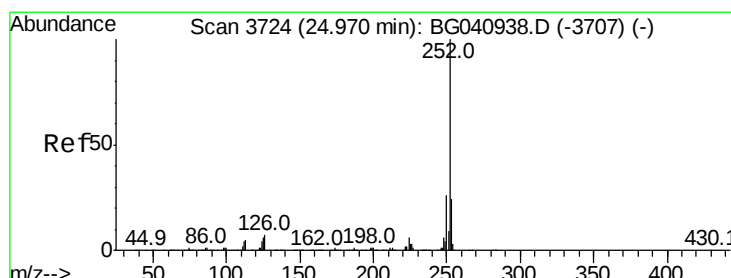
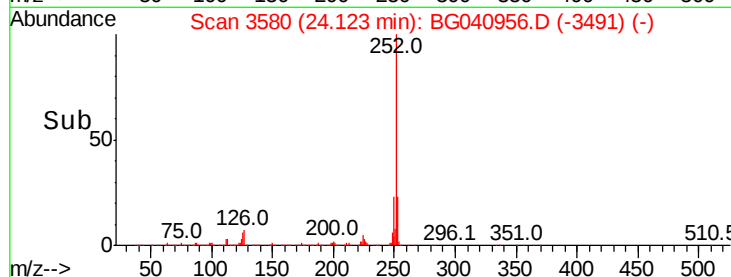
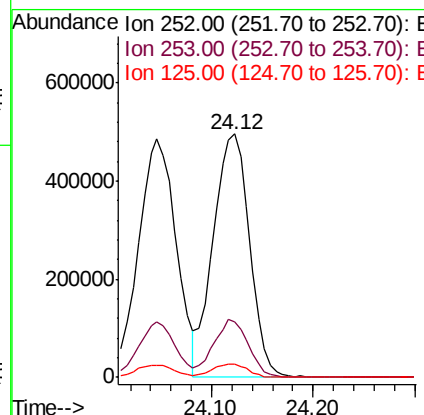
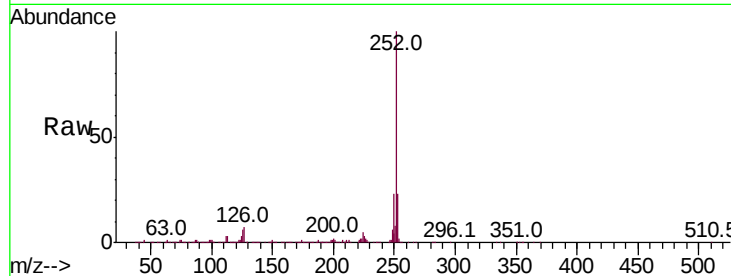




#89
Benzo(k)fluoranthene
Concen: 40.538 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

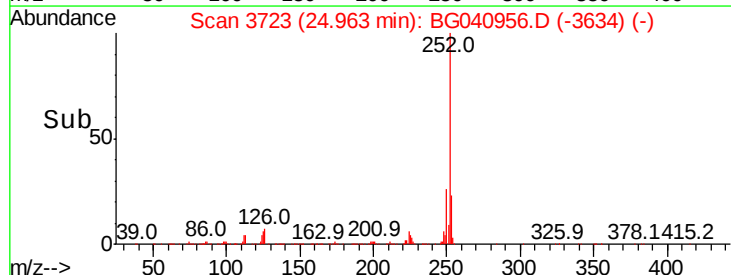
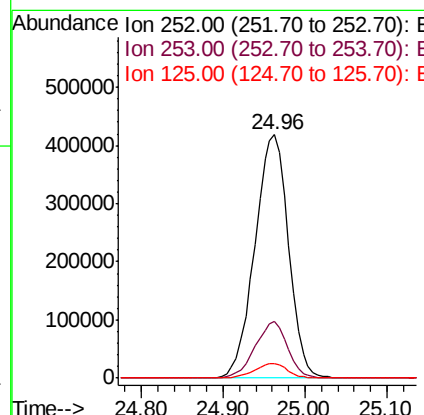
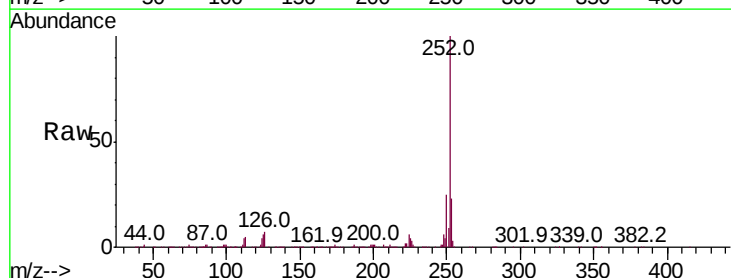
Instrument :
BNA_G
ClientSampleId :

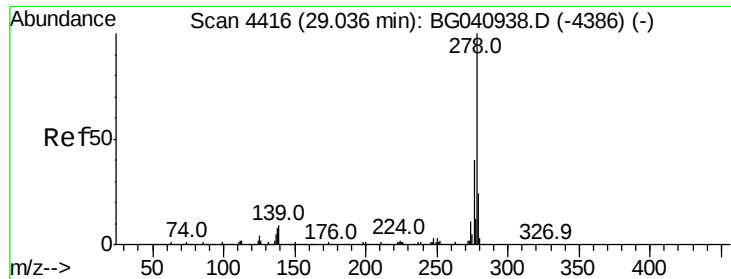
Tot Ion:252 Resp: 1225381
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 5.6 4.7 7.1



#90
Benzo(a)pyrene
Concen: 41.019 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion:252 Resp: 1195416
Ion Ratio Lower Upper
252 100
253 23.4 19.5 29.3
125 5.8 5.1 7.7

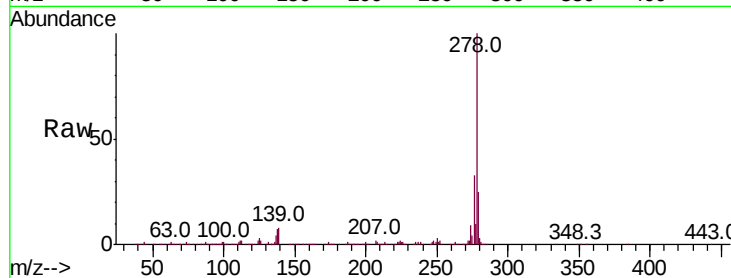




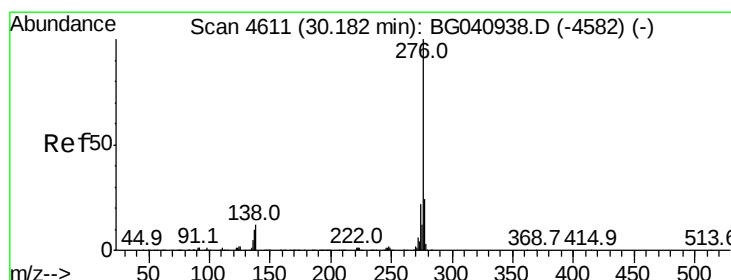
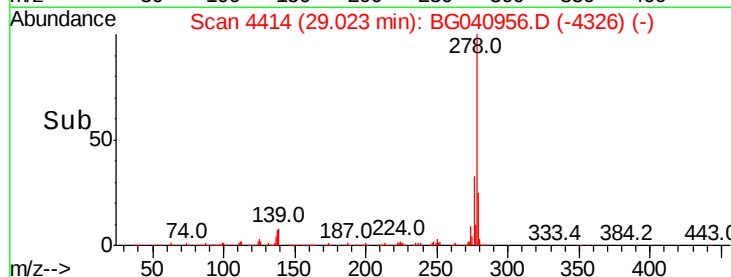
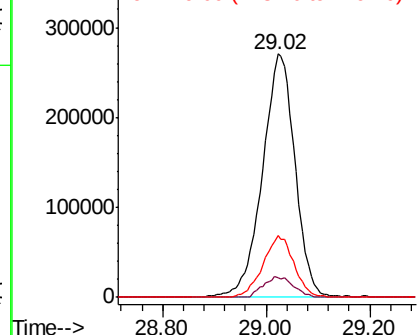
#91
Dibenzo(a,h)anthracene
Concen: 40.482 ng
RT: 29.02 min Scan# 4414
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1178852
Ion Ratio Lower Upper
278 100
139 8.1 7.1 10.7
279 25.4 19.4 29.2

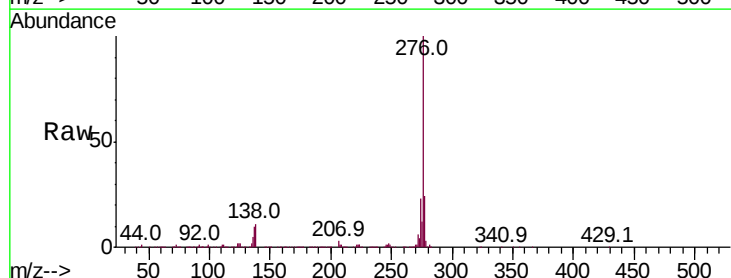


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.234 ng
RT: 30.17 min Scan# 4609
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion:276 Resp: 1166570
Ion Ratio Lower Upper
276 100
277 24.5 19.4 29.0
138 11.2 9.7 14.5



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

