

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042876.D
 Acq On : 17 Sep 2019 20:40
 Operator : HP/JU
 Sample : K4918-12MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

Quant Time: Sep 18 01:52:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	58065	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	245408	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	194204	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	473036	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	368966	20.00	ng	-0.01
87) Perylene-d12	25.01	264	388752	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	467297	139.92	ng	0.02
7) Phenol-d6	7.31	99	728504	151.97	ng	0.04
23) Nitrobenzene-d5	9.27	82	489713	103.89	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	427770	165.56	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1179101	96.11	ng	-0.02
79) Terphenyl-d14	20.07	244	1816418	109.11	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	46576	30.557	ng	# 90
3) Pyridine	4.05	79	129449	28.207	ng	92
4) n-Nitrosodimethylamine	3.92	42	107306	48.052	ng	# 69
6) Aniline	7.45	93	187183	28.941	ng	99
8) 2-Chlorophenol	7.69	128	194628	53.911	ng	97
9) Benzaldehyde	7.26	77	117881	37.788	ng	93
10) Phenol	7.33	94	279925	56.939	ng	89
11) bis(2-Chloroethyl)ether	7.54	93	171731	45.516	ng	95
12) 1,3-Dichlorobenzene	8.00	146	201010	45.649	ng	98
13) 1,4-Dichlorobenzene	8.15	146	208264	47.242	ng	99
14) 1,2-Dichlorobenzene	8.46	146	192848	45.955	ng	98
15) Benzyl Alcohol	8.37	79	211515	51.414	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.65	45	410940	49.597	ng	98
17) 2-Methylphenol	8.57	107	178429	54.250	ng	96
18) Hexachloroethane	9.19	117	76285	46.870	ng	92
19) n-Nitroso-di-n-propylamine	8.94	70	169277	47.922	ng	93
20) 3+4-Methylphenols	8.90	107	250465	55.244	ng	96
22) Acetophenone	8.95	105	299654	48.348	ng	# 93
24) Nitrobenzene	9.32	77	261464	52.845	ng	99
25) Isophorone	9.88	82	471026	47.940	ng	97
26) 2-Nitrophenol	10.03	139	116156	59.702	ng	# 93
27) 2,4-Dimethylphenol	10.10	122	202399	58.810	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	264949	48.354	ng	99
29) 2,4-Dichlorophenol	10.57	162	234945	58.746	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	254868	52.197	ng	99
31) Naphthalene	10.97	128	638106	52.664	ng	98
32) Benzoic acid	10.30	122	152726	54.013	ng	98
33) 4-Chloroaniline	11.08	127	60021	10.598	ng	95
34) Hexachlorobutadiene	11.25	225	182416	53.321	ng	98
35) Caprolactam	11.98	113	37227	25.031	ng	95
36) 4-Chloro-3-methylphenol	12.21	107	253125	58.292	ng	98
37) 2-Methylnaphthalene	12.56	142	501854	55.292	ng	99
38) 1-Methylnaphthalene	12.78	142	476430	55.966	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	342635	53.392	ng	99

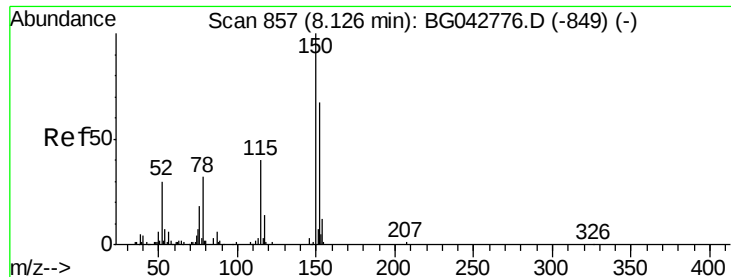
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042876.D
 Acq On : 17 Sep 2019 20:40
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	476202	129.532	ng	98
43) 2,4,6-Trichlorophenol	13.18	196	233876	54.741	ng	95
44) 2,4,5-Trichlorophenol	13.25	196	256164	58.536	ng	98
46) 1,1'-Biphenyl	13.56	154	715701	52.643	ng	98
47) 2-Chloronaphthalene	13.60	162	568377	50.538	ng	98
48) 2-Nitroaniline	13.82	65	200824	51.475	ng	95
49) Acenaphthylene	14.45	152	917304	53.373	ng	98
50) Dimethylphthalate	14.20	163	948510	65.197	ng	98
51) 2,6-Dinitrotoluene	14.30	165	174982	58.617	ng	98
52) Acenaphthene	14.79	154	546577	48.680	ng	97
53) 3-Nitroaniline	14.64	138	69401	20.715	ng	# 94
54) 2,4-Dinitrophenol	14.84	184	224122	152.509	ng	# 72
55) Dibenzofuran	15.13	168	907624	54.384	ng	98
56) 4-Nitrophenol	14.97	139	284860	109.966	ng	94
57) 2,4-Dinitrotoluene	15.09	165	243041	61.081	ng	# 98
58) Fluorene	15.77	166	763403	55.194	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	266558	62.835	ng	97
60) Diethylphthalate	15.56	149	761608	51.573	ng	98
61) 4-Chlorophenyl-phenylether	15.77	204	450060	55.033	ng	99
62) 4-Nitroaniline	15.80	138	177195	49.067	ng	# 82
63) Azobenzene	16.06	77	736160	51.767	ng	96
65) 4,6-Dinitro-2-methylphenol	15.85	198	161583	79.832	ng	96
66) n-Nitrosodiphenylamine	15.98	169	686645	53.943	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	308206	53.831	ng	97
68) Hexachlorobenzene	16.78	284	321566	52.562	ng	97
69) Atrazine	16.94	200	263283	59.396	ng	100
70) Pentachlorophenol	17.12	266	431615	118.926	ng	93
71) Phenanthrene	17.51	178	1194793	52.815	ng	99
72) Anthracene	17.61	178	1211582	53.607	ng	99
73) Carbazole	17.88	167	1088808	50.686	ng	96
74) Di-n-butylphthalate	18.44	149	1193579	46.384	ng	100
75) Fluoranthene	19.52	202	1440041	49.116	ng	98
77) Benzidine	19.70	184	437606	42.451	ng	99
78) Pyrene	19.88	202	1419345	61.444	ng	96
80) Butylbenzylphthalate	20.77	149	480370	51.384	ng	98
81) Benzo(a)anthracene	21.73	228	1227197	52.311	ng	99
82) 3,3'-Dichlorobenzidine	21.64	252	220817	24.221	ng	96
83) Chrysene	21.80	228	1190411	53.571	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	609894	47.746	ng	# 98
85) Di-n-octyl phthalate	22.88	149	959874	44.079	ng	97
86) Indeno(1,2,3-cd)pyrene	28.75	276	1284038	46.661	ng	# 86
88) Benzo(b)fluoranthene	23.98	252	1197221	52.448	ng	# 97
89) Benzo(k)fluoranthene	24.05	252	1145886	53.142	ng	# 98
90) Benzo(a)pyrene	24.86	252	1155244	54.049	ng	# 99
91) Dibenzo(a,h)anthracene	28.82	278	1088181	51.763	ng	# 97
92) Benzo(g,h,i)perylene	29.92	276	1102101	53.747	ng	# 93

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

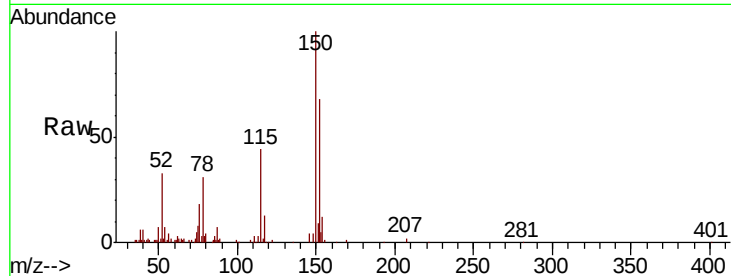


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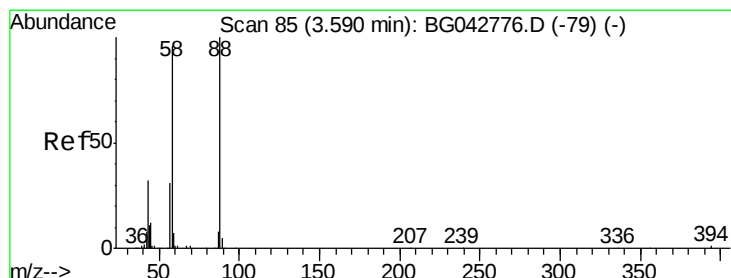
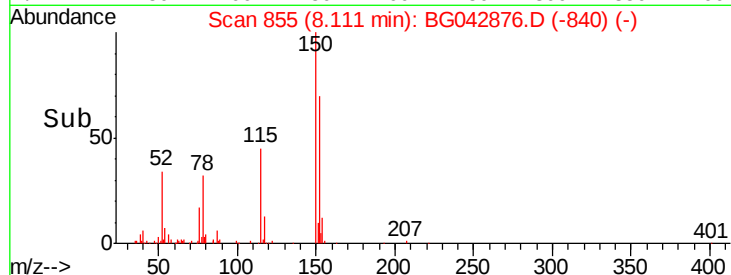
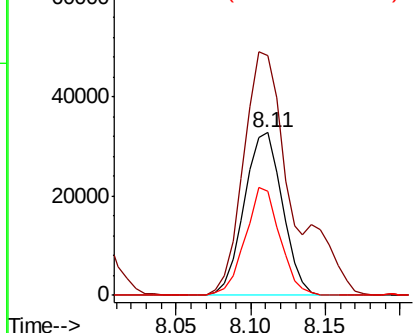
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.9	118.9	178.3
115	64.4	47.4	71.2



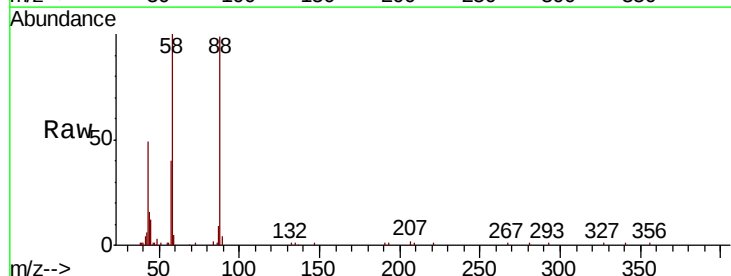
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



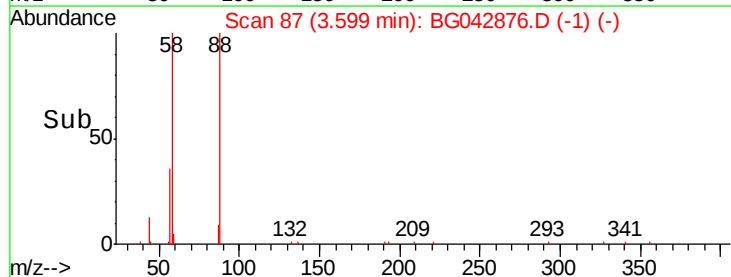
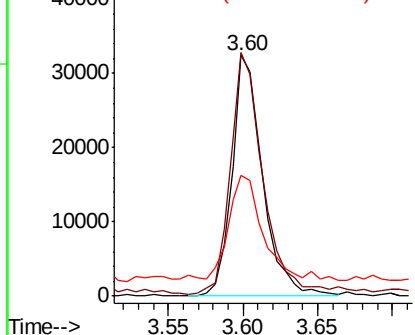
#2

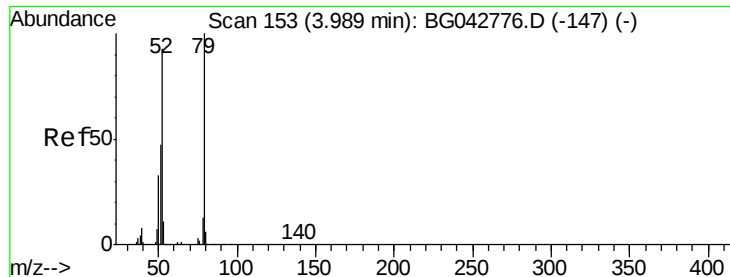
1,4-Dioxane
Concen: 30.557 ng
RT: 3.60 min Scan# 87
Delta R.T. 0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	107.7	79.1	118.7
43	46.0	30.4	45.6



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: 28.207 ng

RT: 4.05 min Scan# 163

Delta R.T. 0.06 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

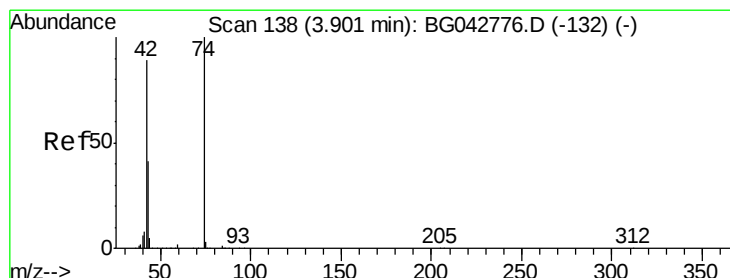
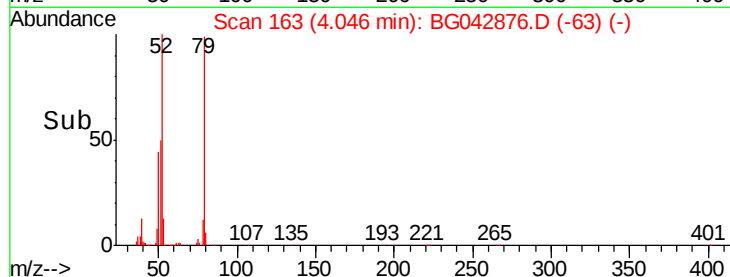
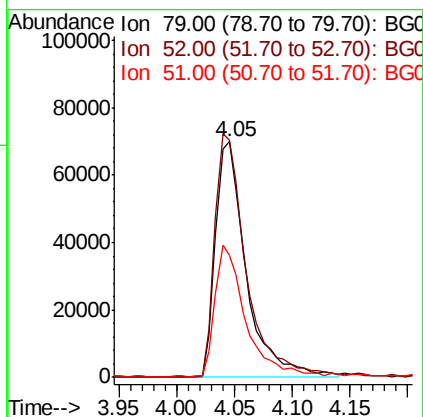
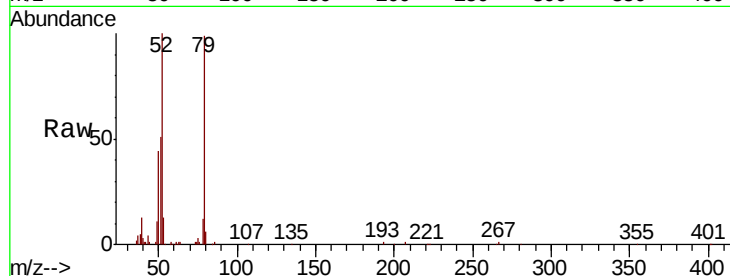
Tot Ion: 79 Resp: 129449

Ion Ratio Lower Upper

79 100

52 100.9 74.0 111.0

51 51.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 48.052 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.02 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

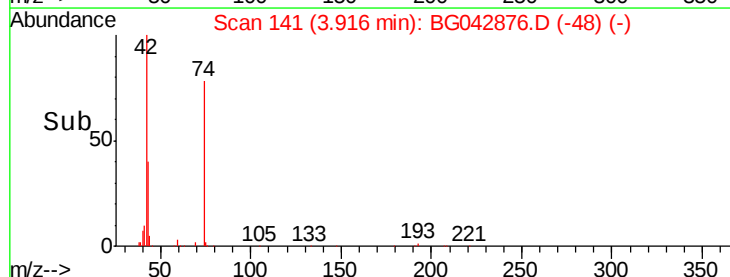
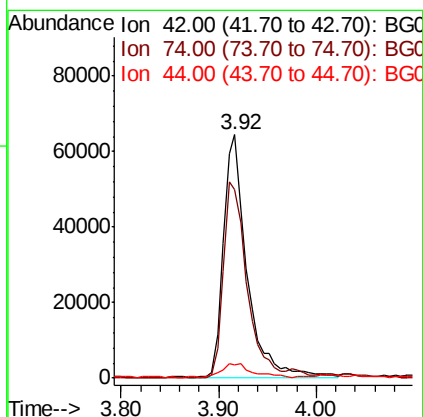
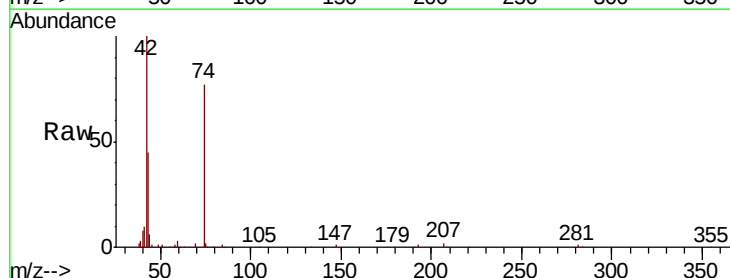
Tgt Ion: 42 Resp: 107306

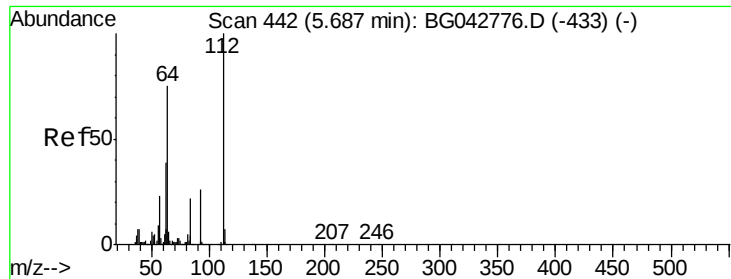
Ion Ratio Lower Upper

42 100

74 77.4 90.2 135.2#

44 5.6 6.6 9.8#





#5

2-Fluorophenol

Concen: 139.915 ng

RT: 5.71 min Scan# 446

Delta R.T. 0.02 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

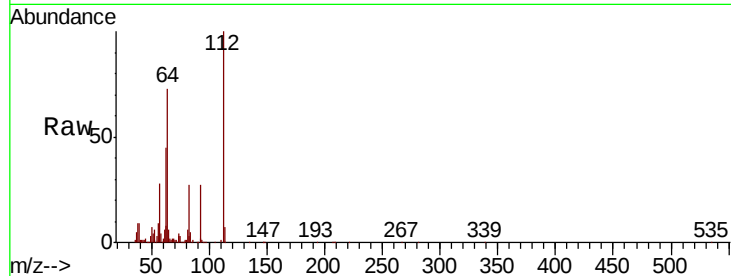
Tot Ion:112 Resp: 467297

Ion Ratio Lower Upper

112 100

64 72.9 60.2 90.2

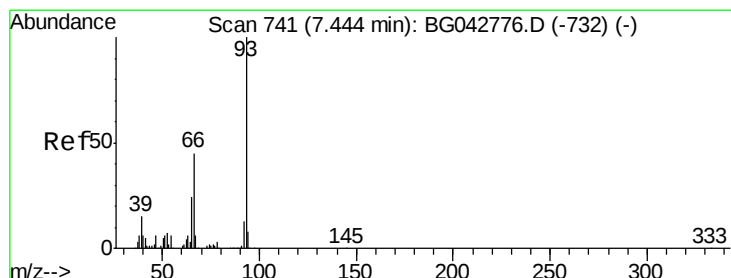
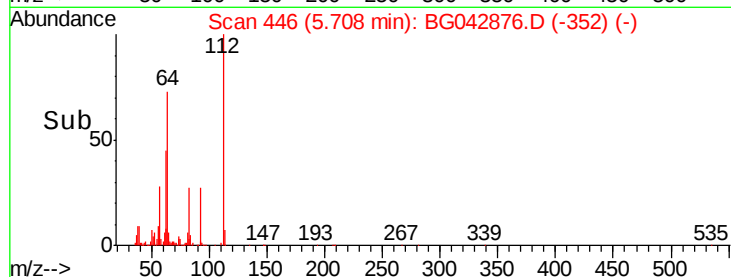
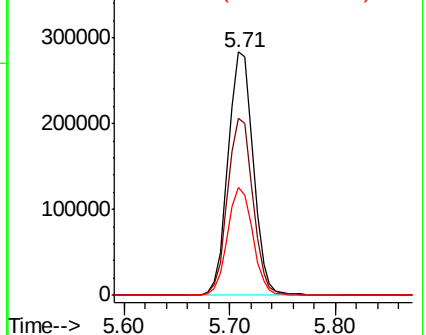
63 44.5 31.2 46.8



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: 28.941 ng

RT: 7.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

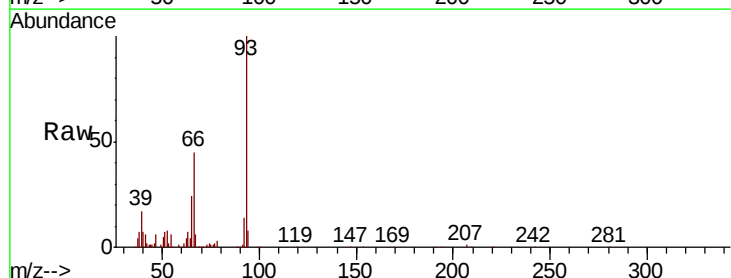
Tgt Ion: 93 Resp: 187183

Ion Ratio Lower Upper

93 100

66 44.7 36.3 54.5

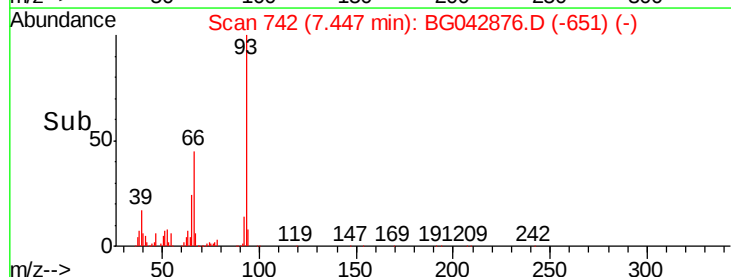
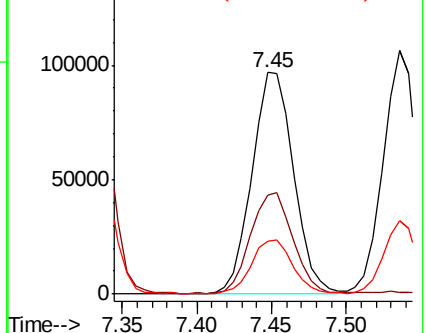
65 23.6 19.3 28.9

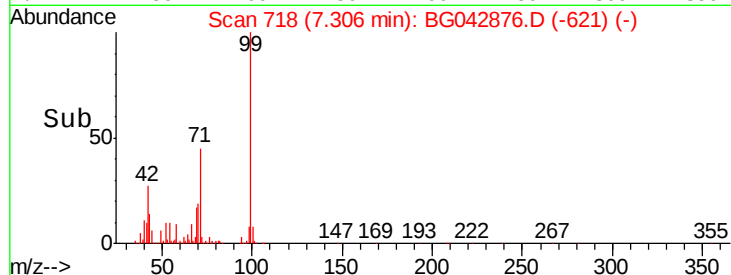
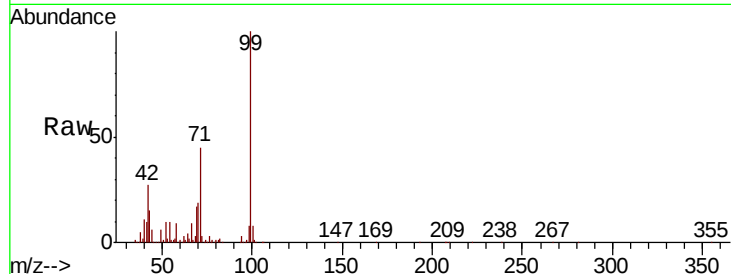
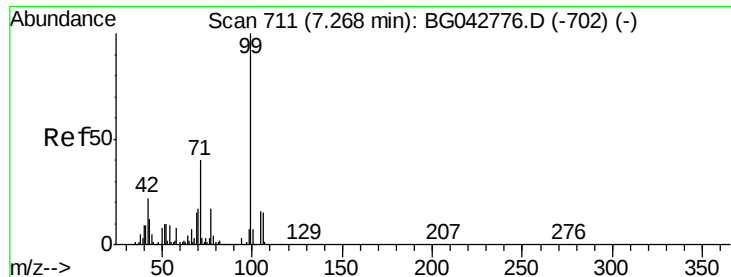


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.967 ng

RT: 7.31 min Scan# 718

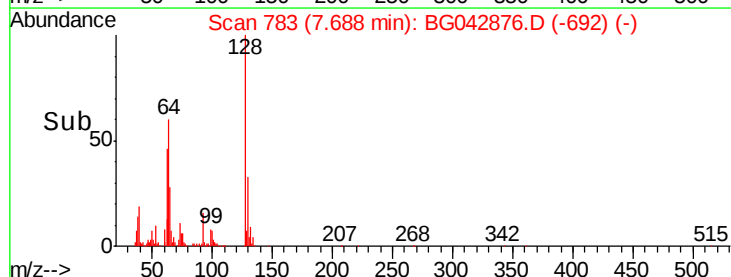
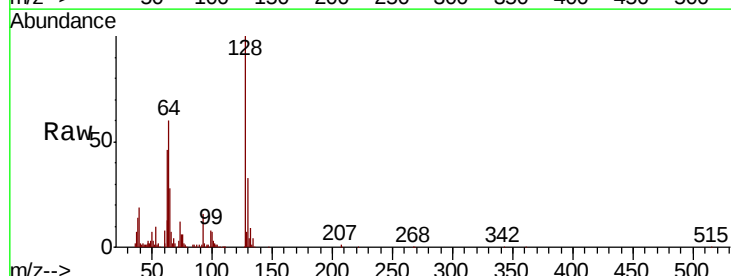
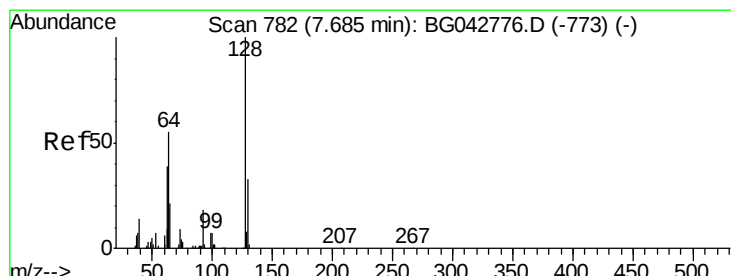
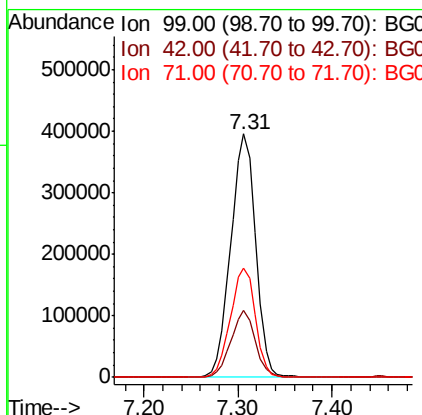
Delta R.T. 0.04 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampled :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
99	100		
42	27.4	17.5	26.3#
71	45.0	32.0	48.0



#8

2-Chlorophenol

Concen: 53.911 ng

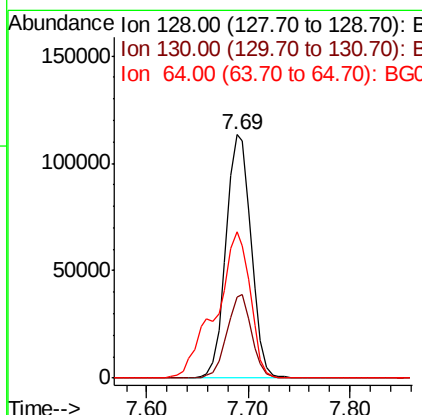
RT: 7.69 min Scan# 783

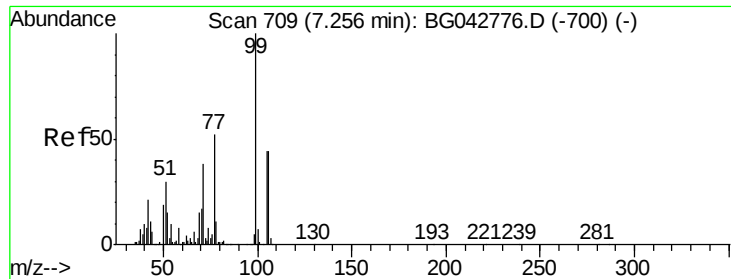
Delta R.T. 0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.8	52.8
64	60.1	36.8	76.8





#9

Benzaldehyde

Concen: 37.788 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

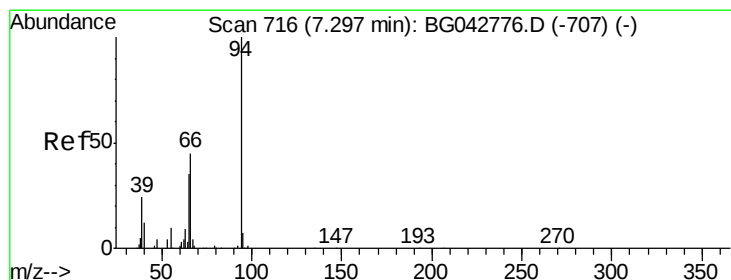
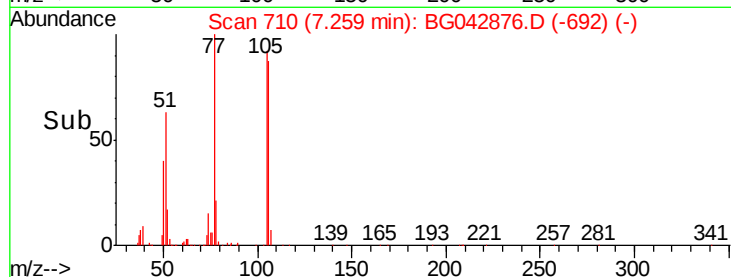
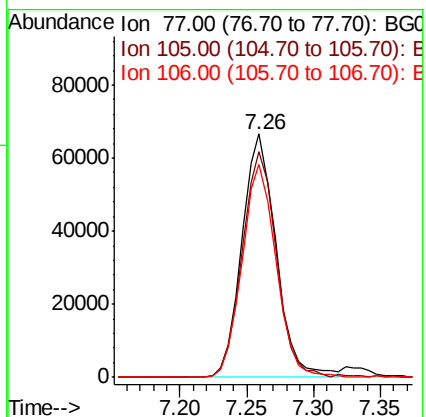
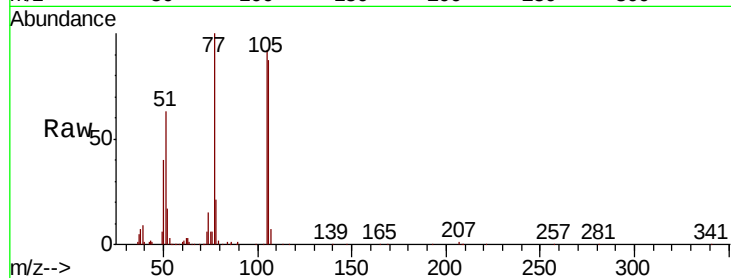
Tot Ion: 77 Resp: 117881

Ion Ratio Lower Upper

77 100

105 92.5 64.5 104.5

106 87.4 63.4 103.4



#10

Phenol

Concen: 56.939 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.03 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

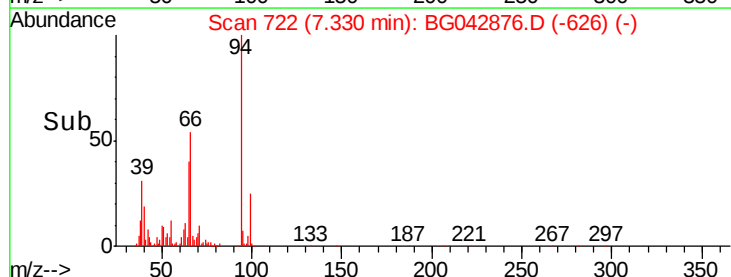
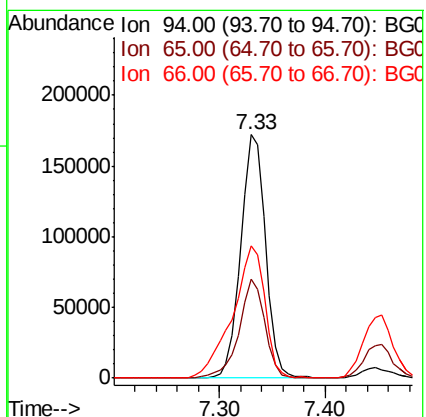
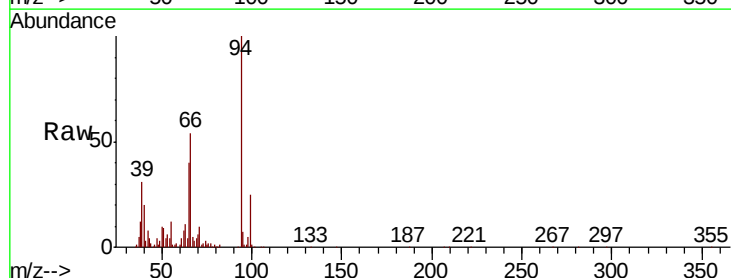
Tgt Ion: 94 Resp: 279925

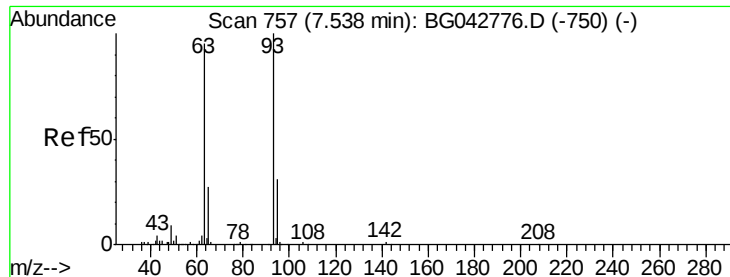
Ion Ratio Lower Upper

94 100

65 40.5 15.0 55.0

66 54.2 26.1 66.1

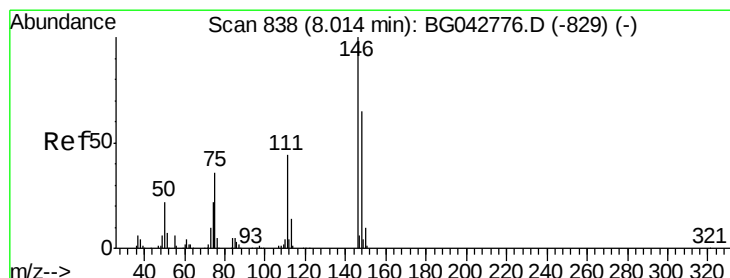
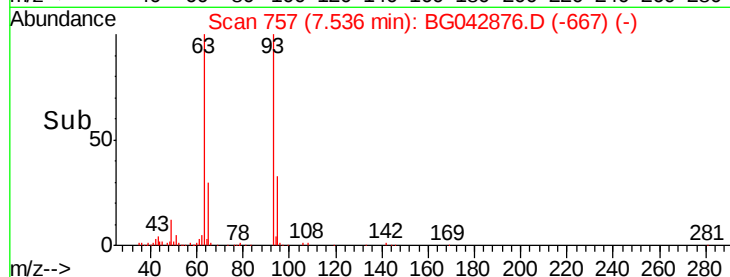
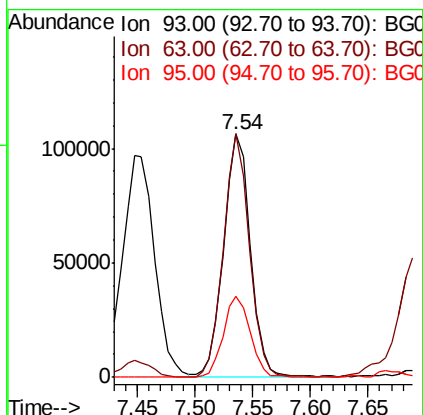
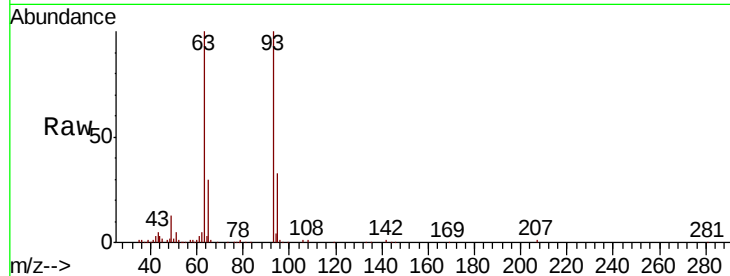




#11
bis(2-Chloroethyl)ether
Concen: 45.516 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

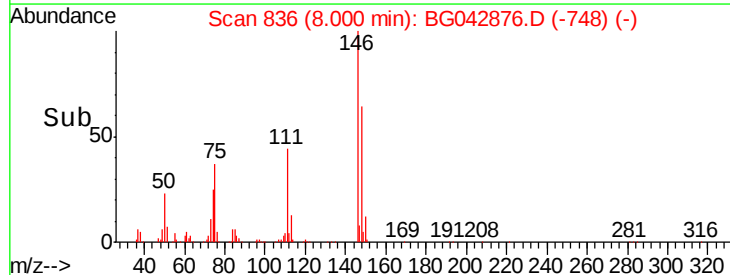
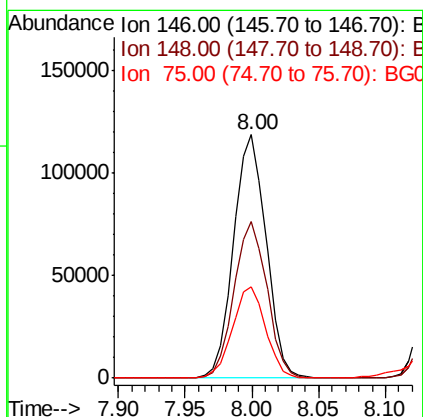
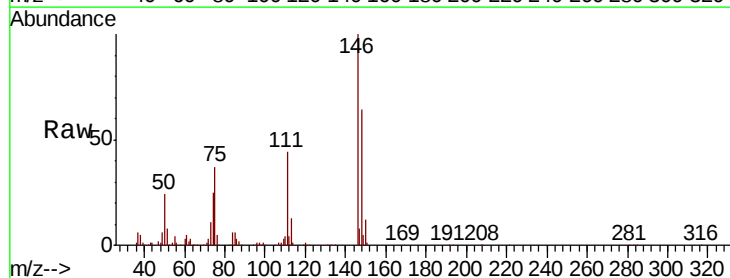
Instrument :
BNA_G
ClientSampleId :
SB-12MSD

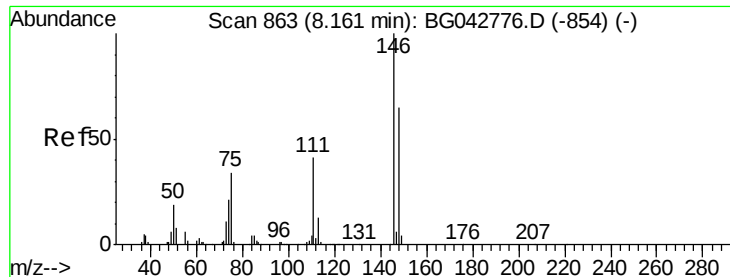
Tot Ion: 93 Resp: 171731
Ion Ratio Lower Upper
93 100
63 100.1 74.7 114.7
95 33.4 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 45.649 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion: 146 Resp: 201010
Ion Ratio Lower Upper
146 100
148 64.1 51.9 77.9
75 37.4 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 47.242 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

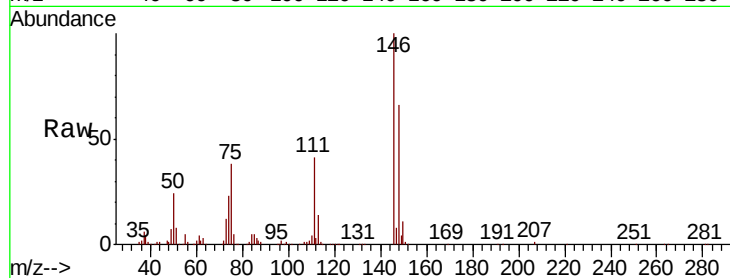
Tot Ion:146 Resp: 208264

Ion Ratio Lower Upper

146 100

148 66.2 52.2 78.4

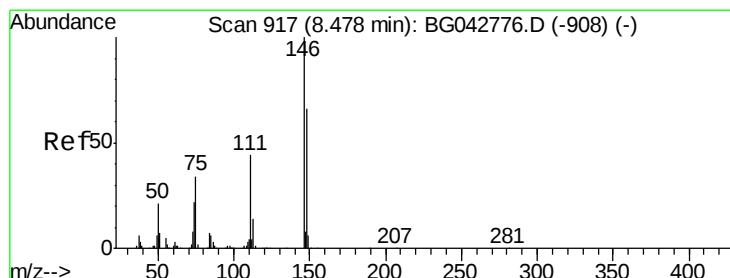
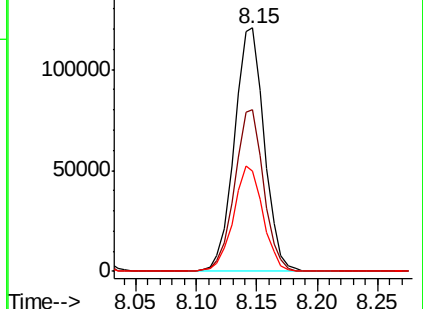
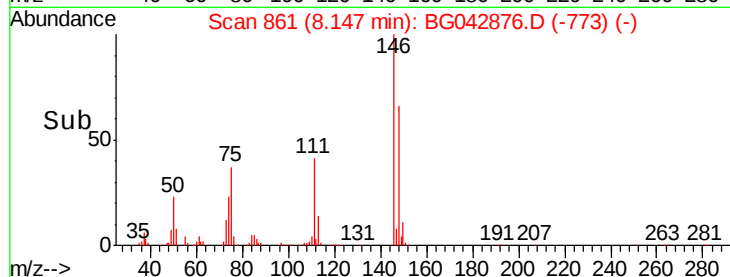
111 41.1 32.6 49.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.955 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

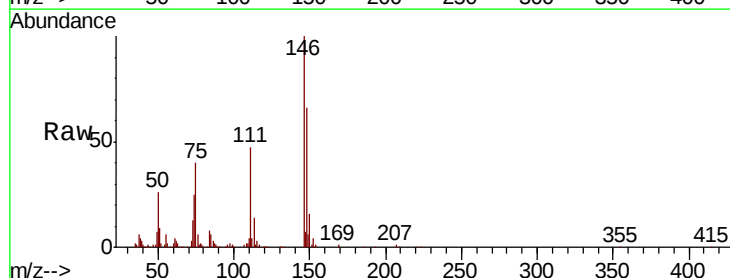
Tgt Ion:146 Resp: 192848

Ion Ratio Lower Upper

146 100

148 66.3 52.6 78.8

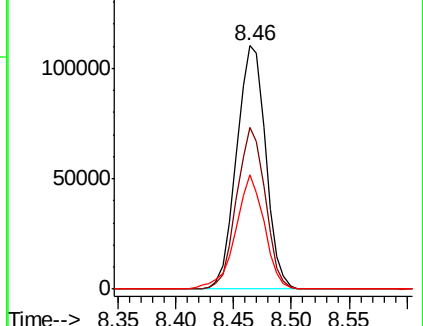
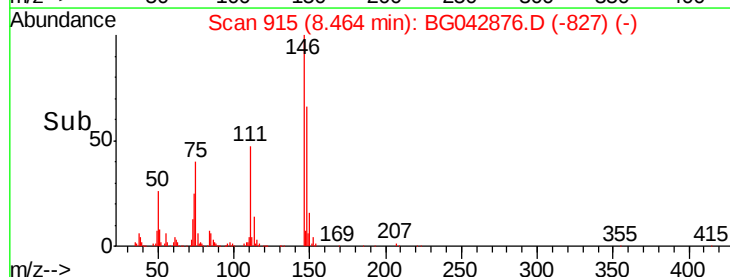
111 47.2 35.3 52.9

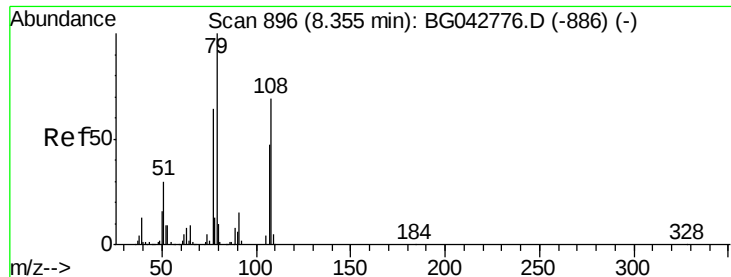


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.414 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.02 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

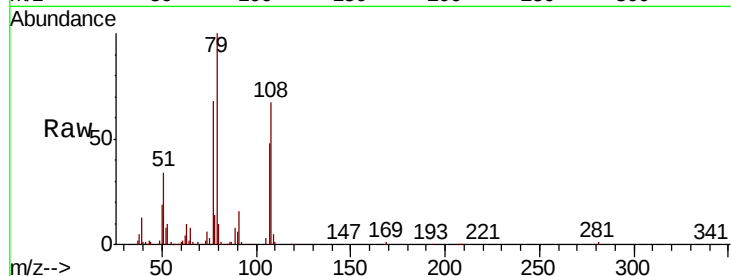
Tot Ion: 79 Resp: 211515

Ion Ratio Lower Upper

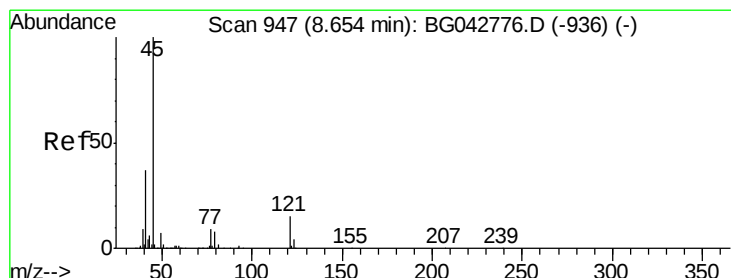
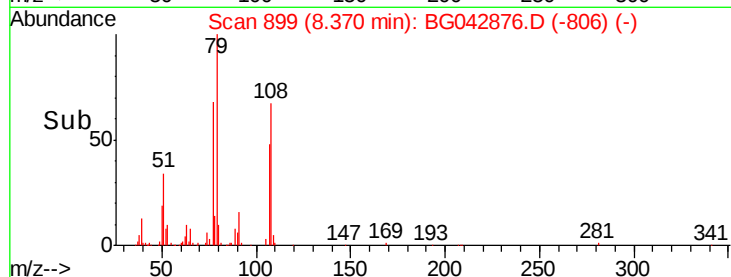
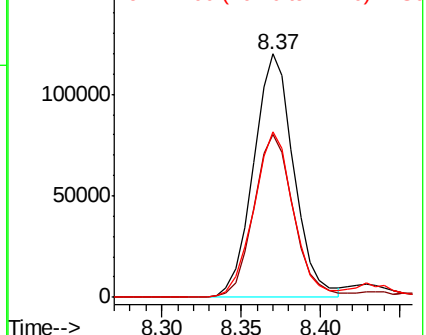
79 100

108 67.0 54.9 82.3

77 68.2 51.0 76.6



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: 49.597 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

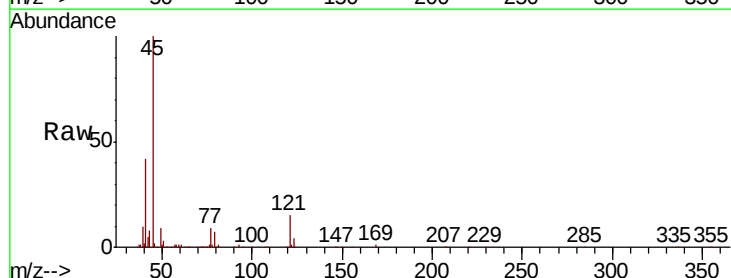
Tgt Ion: 45 Resp: 410940

Ion Ratio Lower Upper

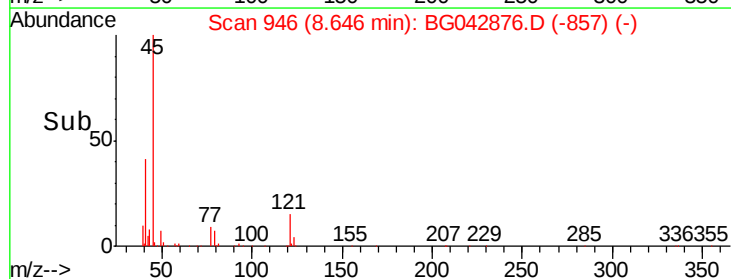
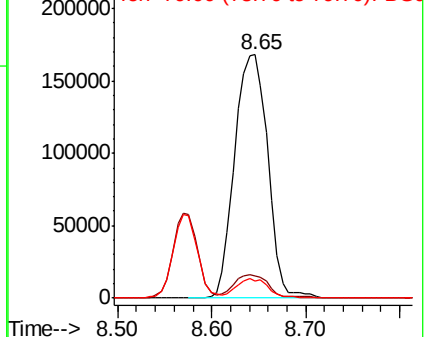
45 100

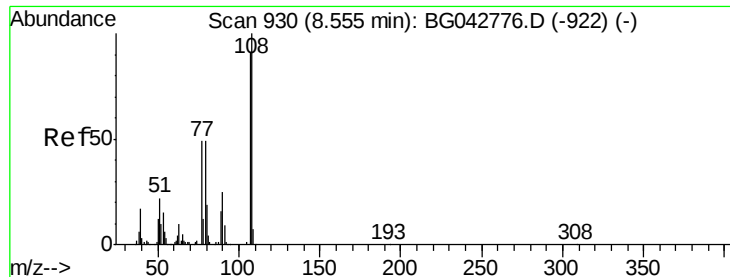
77 9.2 0.0 29.4

79 7.2 0.0 28.4



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





#17

2-Methylphenol

Concen: 54.250 ng

RT: 8.57 min Scan# 933

Delta R.T. 0.02 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

Tot Ion:107 Resp: 178429

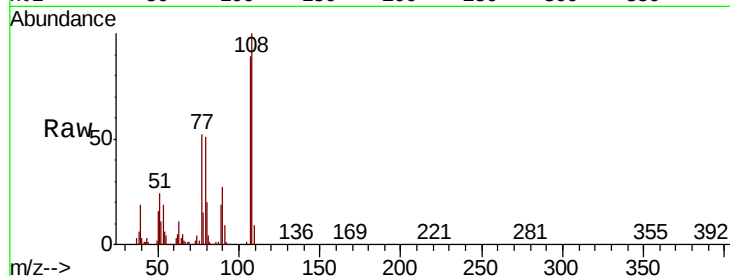
Ion Ratio Lower Upper

107 100

108 112.5 87.7 131.5

77 58.5 42.6 64.0

79 57.4 43.4 65.2

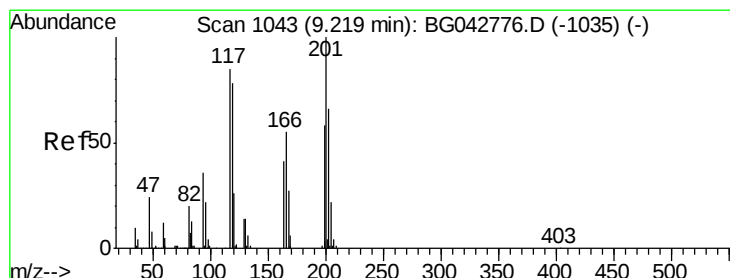
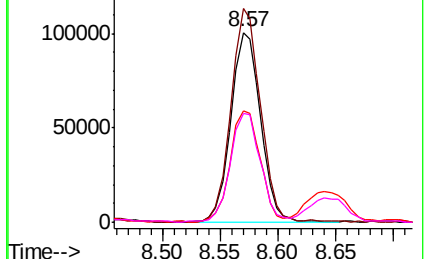
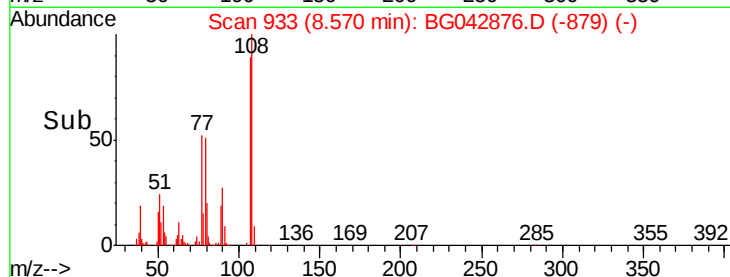


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 46.870 ng

RT: 9.19 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

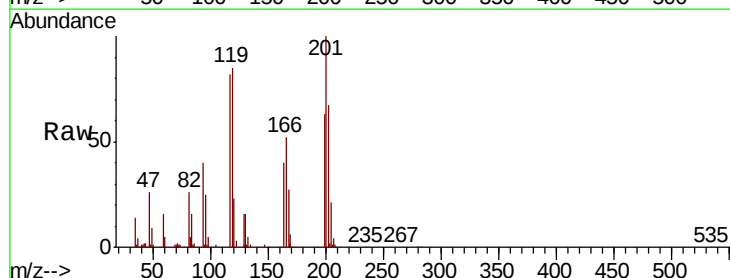
Tgt Ion:117 Resp: 76285

Ion Ratio Lower Upper

117 100

119 104.8 73.8 110.8

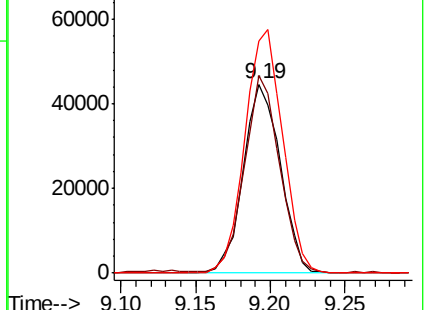
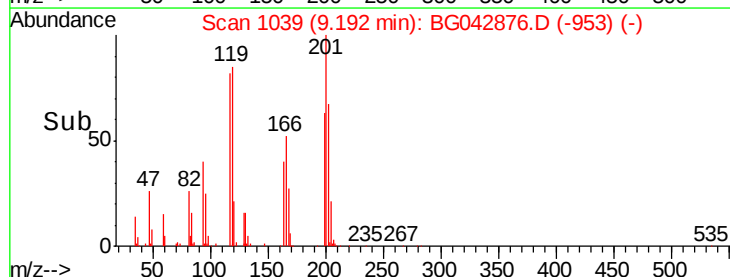
201 122.6 94.6 142.0

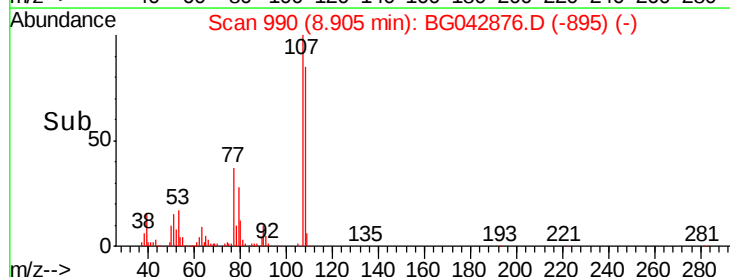
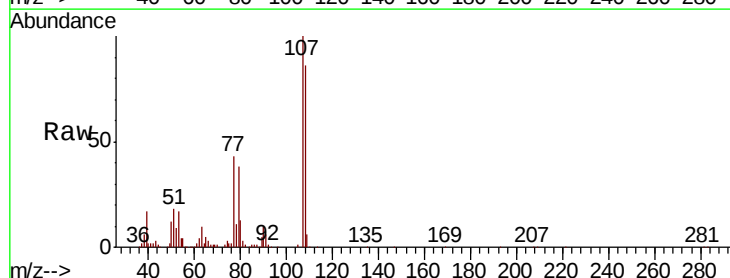
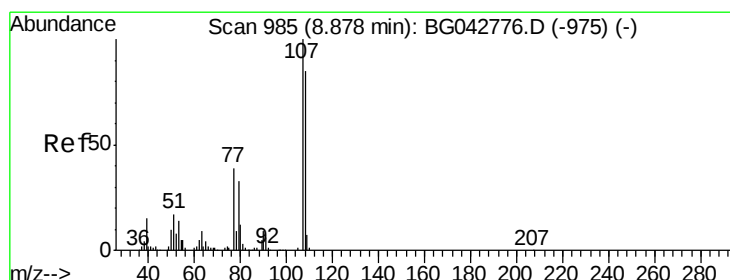
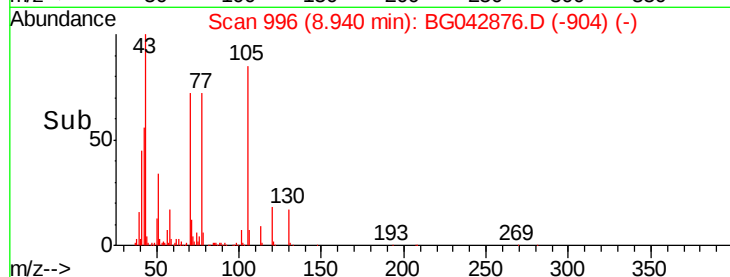
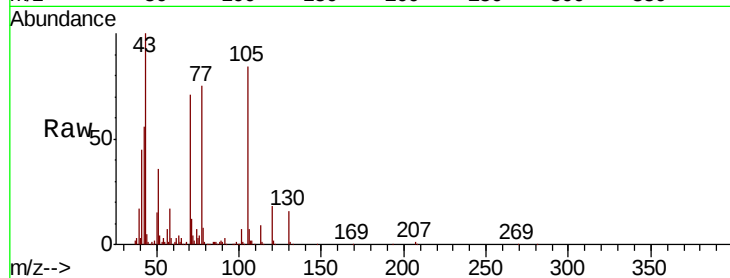
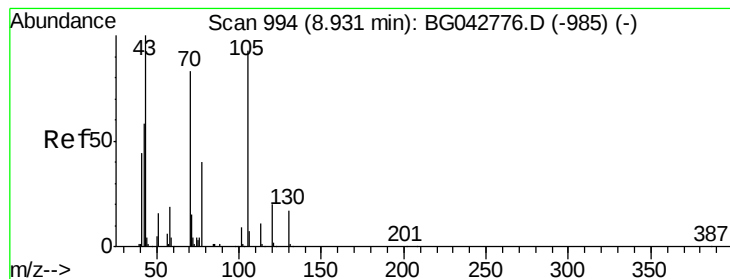


Abundance Ion 117.00 (116.70 to 117.70): E

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: 47.922 ng

RT: 8.94 min Scan# 996

Delta R.T. 0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

Tot Ion: 70 Resp: 169277

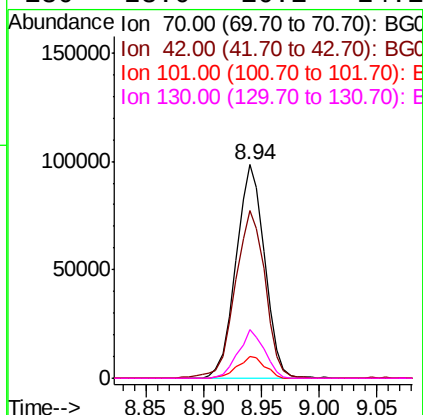
Ion Ratio Lower Upper

70 100

42 78.3 57.0 85.6

101 10.4 8.4 12.6

130 23.0 16.1 24.1



#20

3+4-Methylphenols

Concen: 55.244 ng

RT: 8.90 min Scan# 990

Delta R.T. 0.03 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Tgt Ion:107 Resp: 250465

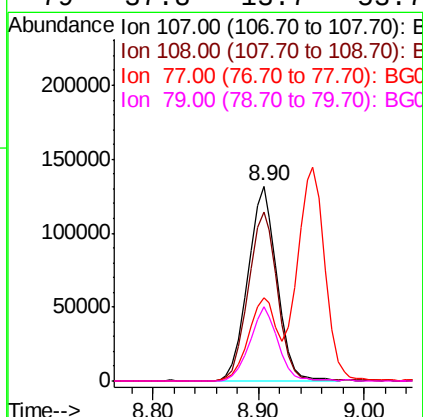
Ion Ratio Lower Upper

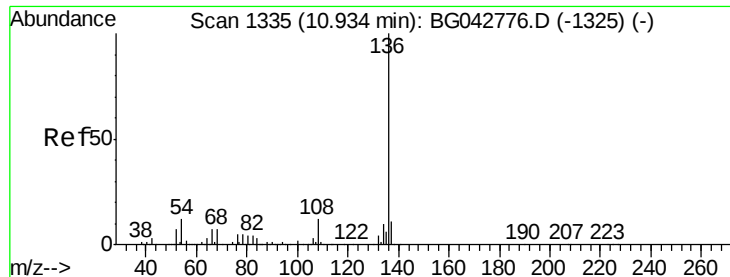
107 100

108 86.3 65.4 105.4

77 42.9 18.7 58.7

79 37.8 13.7 53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

Tot Ion:136 Resp: 245408

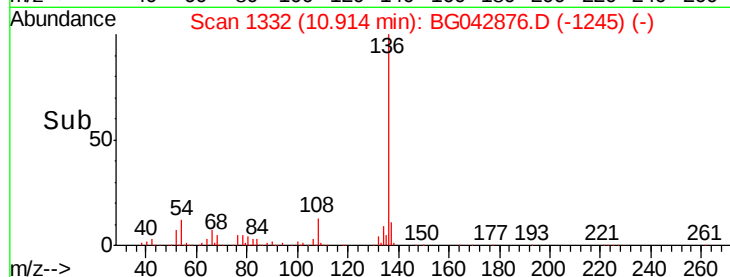
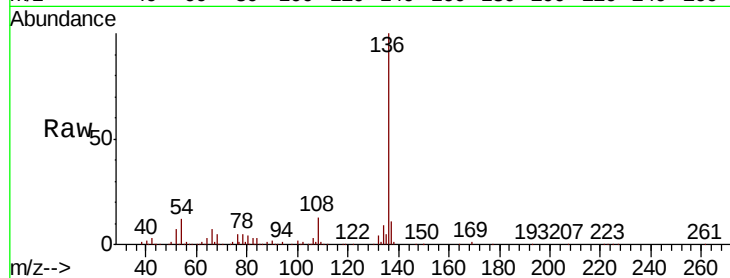
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 11.9 9.4 14.0

68 4.8 5.4 8.2#



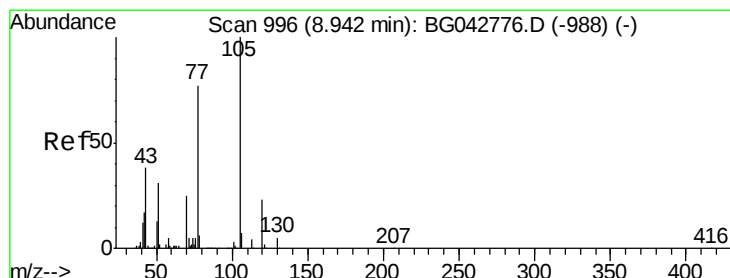
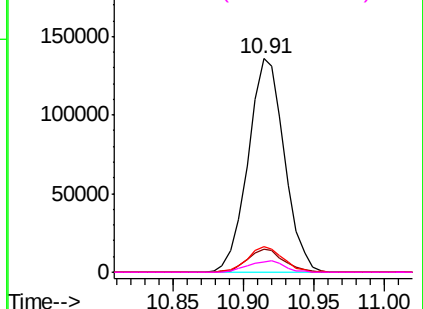
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 48.348 ng

RT: 8.95 min Scan# 998

Delta R.T. 0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Tgt Ion:105 Resp: 299654

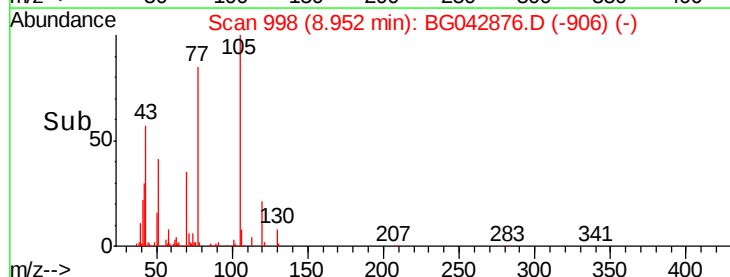
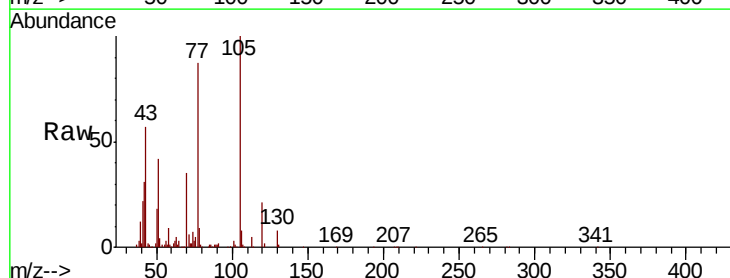
Ion Ratio Lower Upper

105 100

71 6.0 3.7 5.5#

51 41.6 28.8 43.2

120 21.1 18.5 27.7



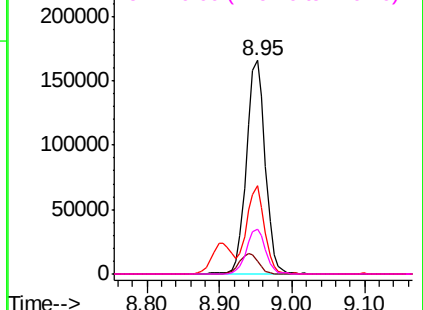
Abundance

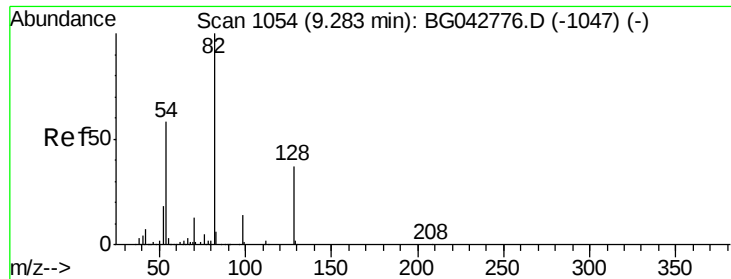
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

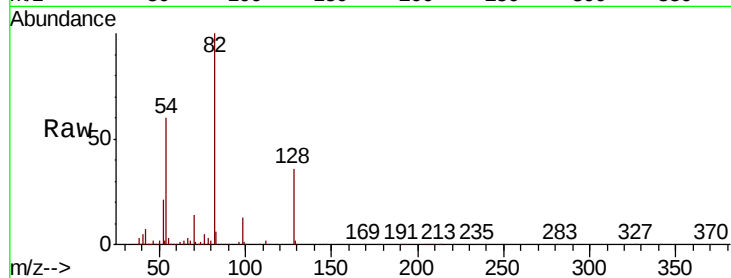




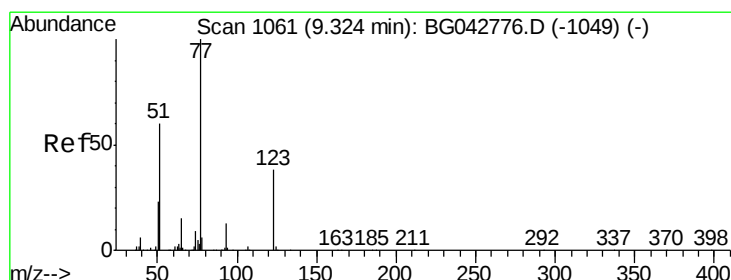
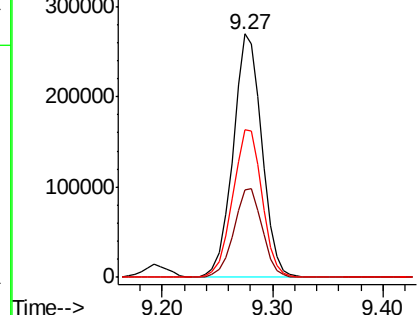
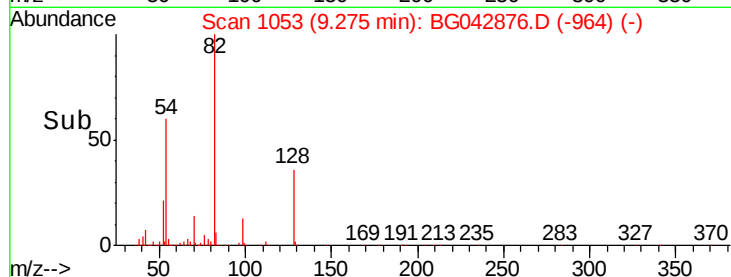
#23
 Nitrobenzene-d5
 Concen: 103.891 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

Tot Ion	82	Resp	489713
Ion Ratio	Lower	Upper	
82	100		
128	36.0	29.8	44.8
54	60.4	46.1	69.1

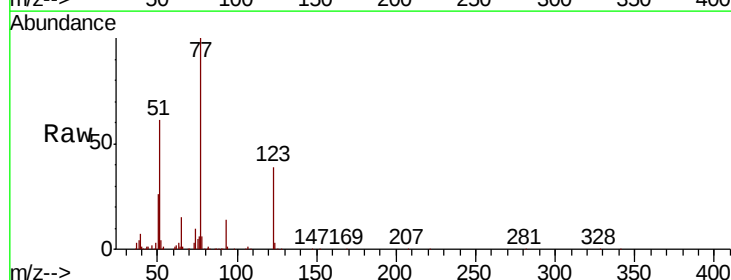


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

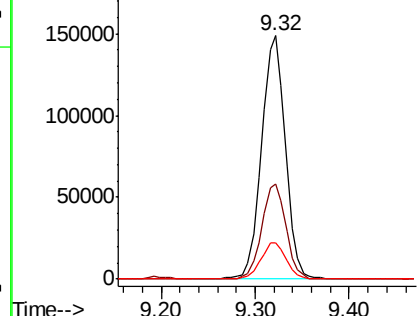
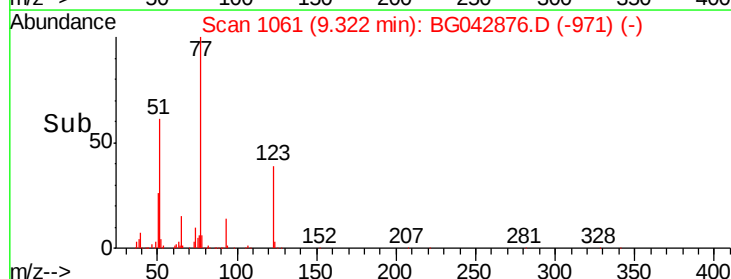


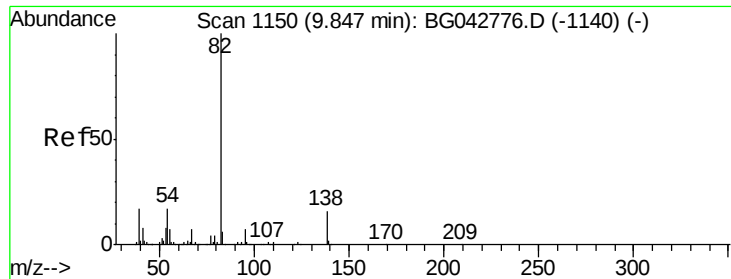
#24
 Nitrobenzene
 Concen: 52.845 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Tgt Ion	77	Resp	261464
Ion Ratio	Lower	Upper	
77	100		
123	39.0	30.7	46.1
65	15.0	12.2	18.4



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: 47.940 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.03 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

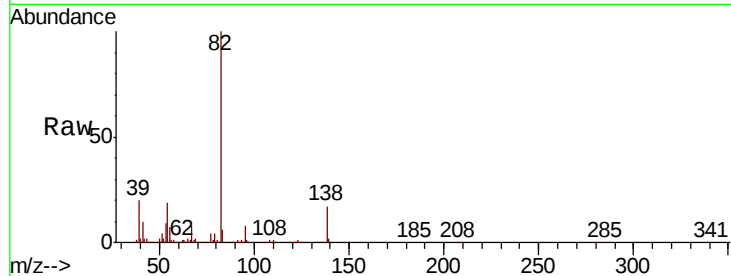
Tot Ion: 82 Resp: 471026

Ion Ratio Lower Upper

82 100

95 8.1 5.8 8.8

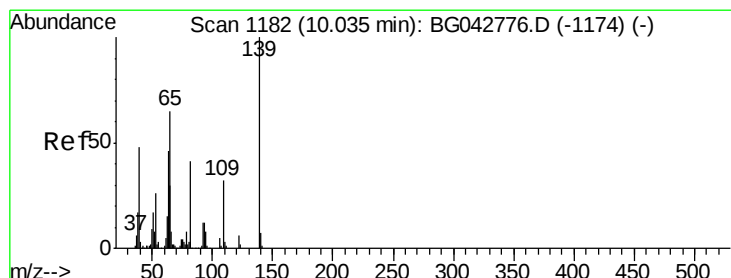
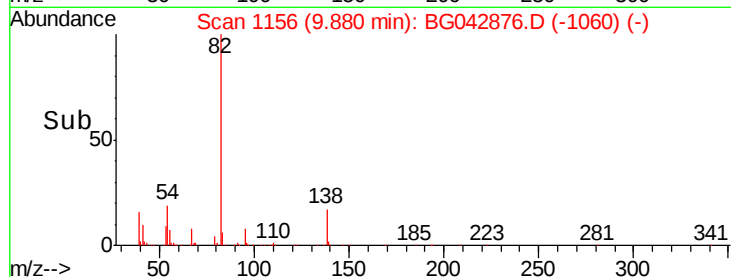
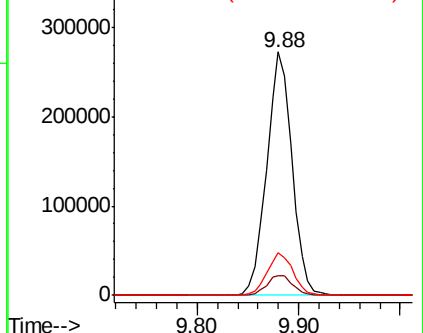
138 17.3 12.9 19.3



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: 59.702 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

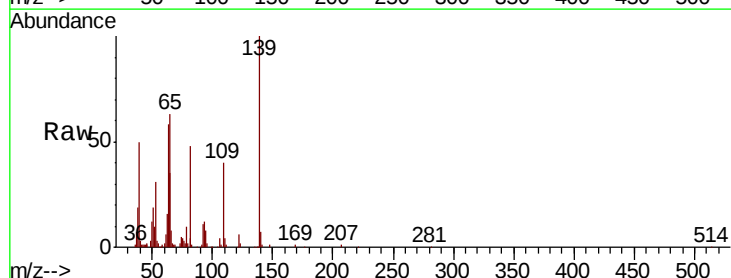
Tgt Ion: 139 Resp: 116156

Ion Ratio Lower Upper

139 100

109 40.2 25.8 38.8#

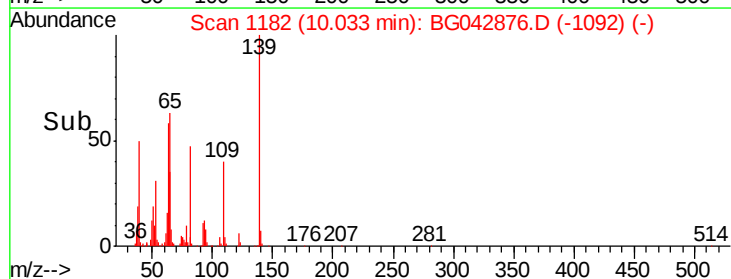
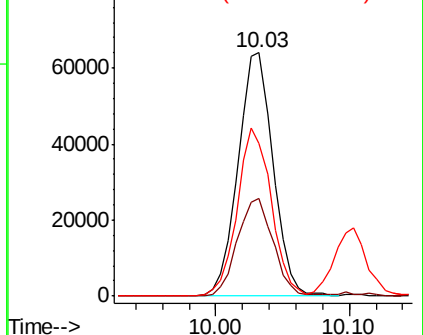
65 62.6 52.2 78.2

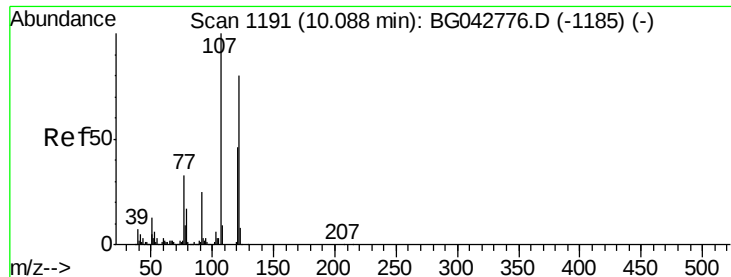


Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 58.810 ng

RT: 10.10 min Scan# 1194

Delta R.T. 0.02 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

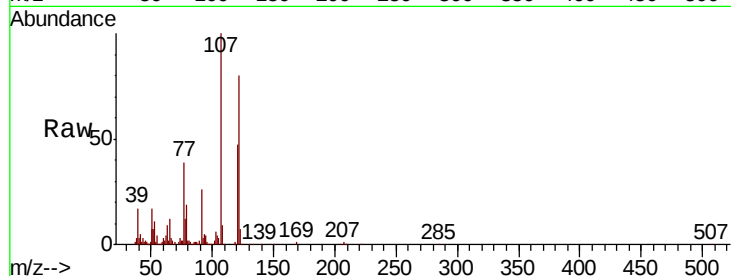
Tot Ion:122 Resp: 202399

Ion Ratio Lower Upper

122 100

107 125.3 98.9 148.3

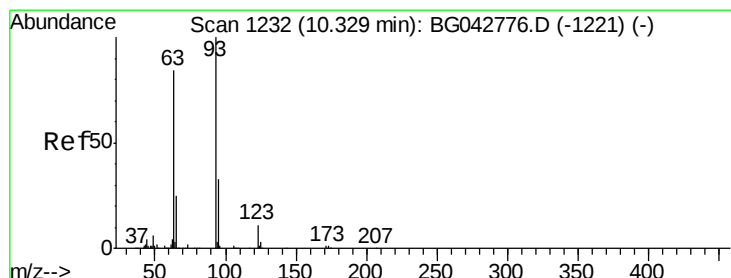
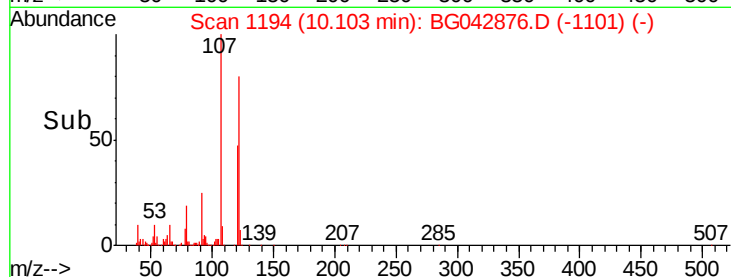
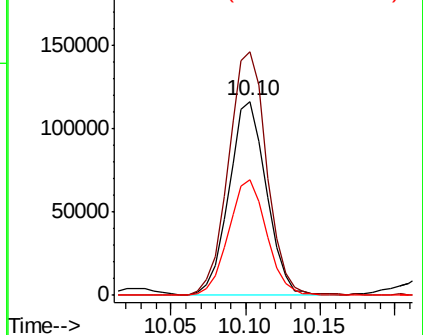
121 59.2 46.2 69.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.354 ng

RT: 10.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

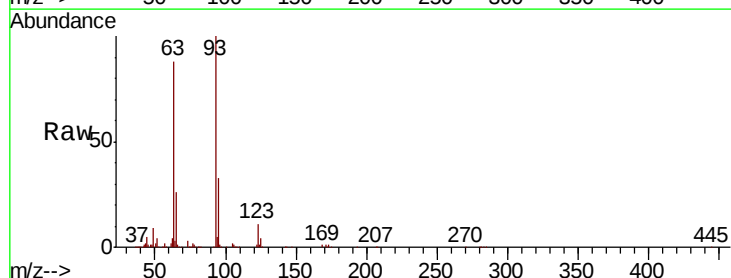
Tgt Ion: 93 Resp: 264949

Ion Ratio Lower Upper

93 100

95 32.9 26.6 40.0

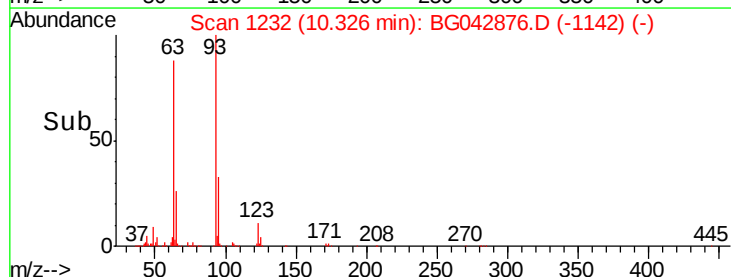
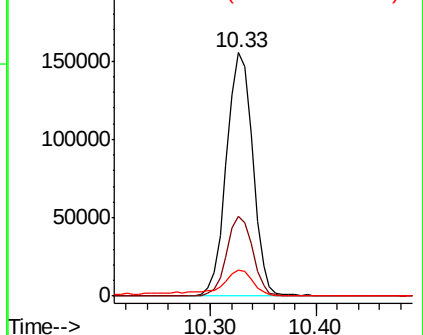
123 10.9 9.0 13.6

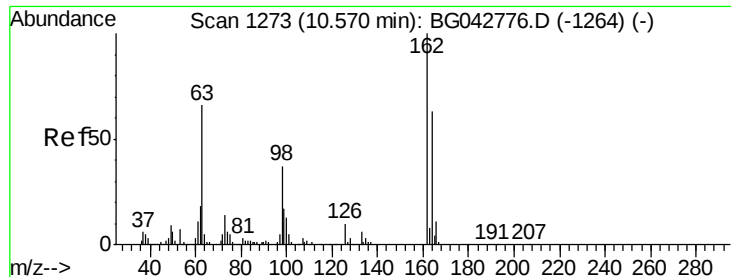


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

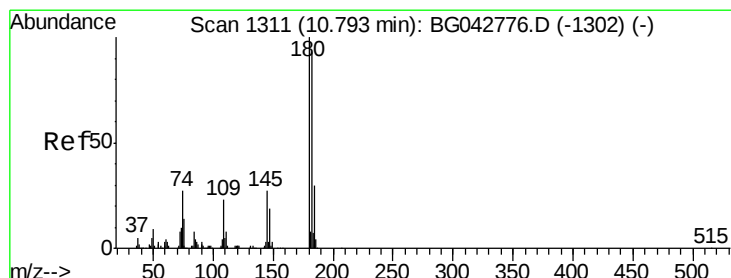
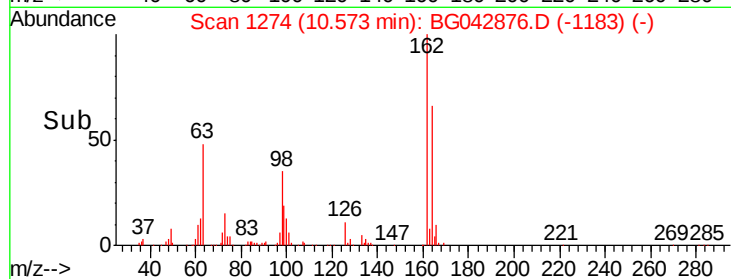
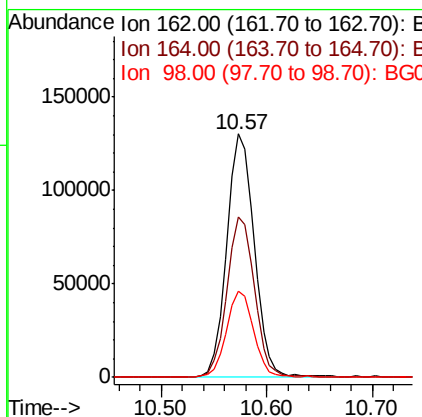
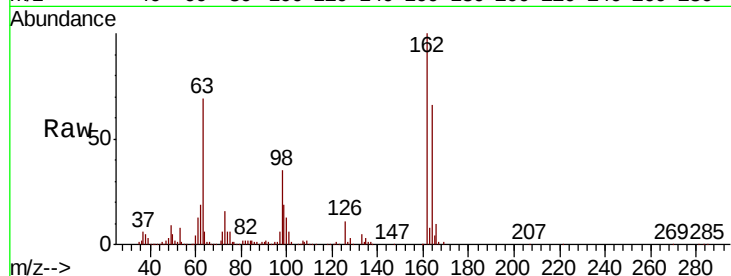




#29
 2,4-Dichlorophenol
 Concen: 58.746 ng
 RT: 10.57 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

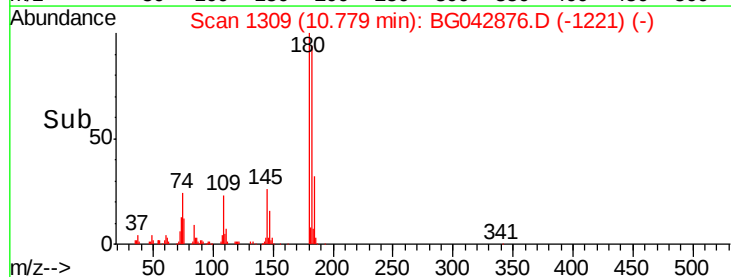
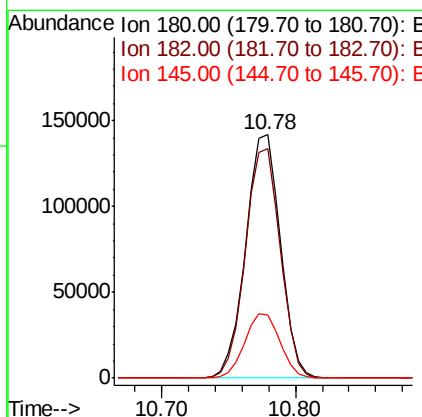
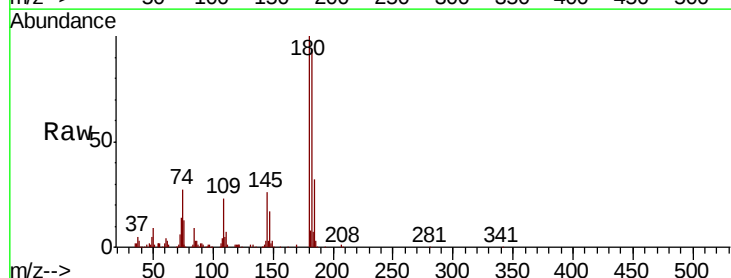
Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

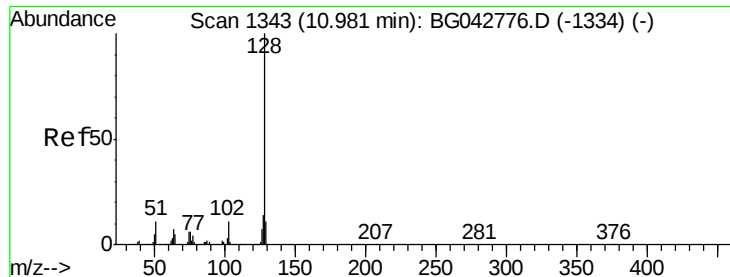
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	43.4	83.4
98	35.3	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 52.197 ng
 RT: 10.78 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	74.6	112.0
145	25.9	21.8	32.6

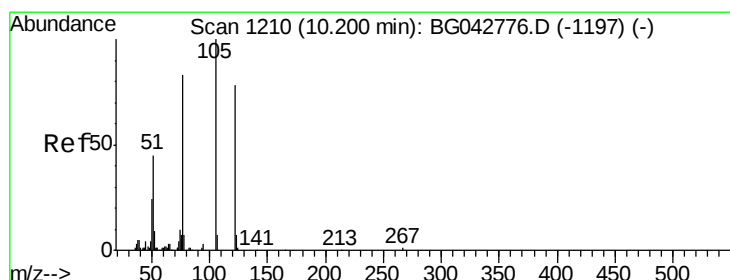
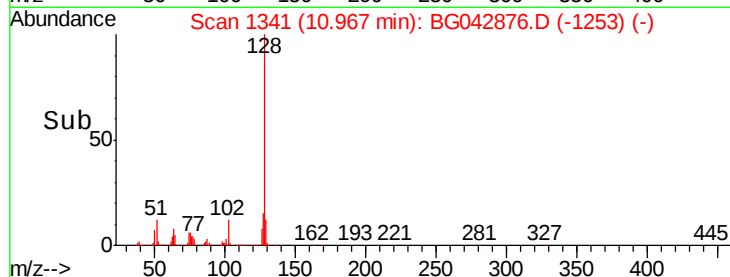
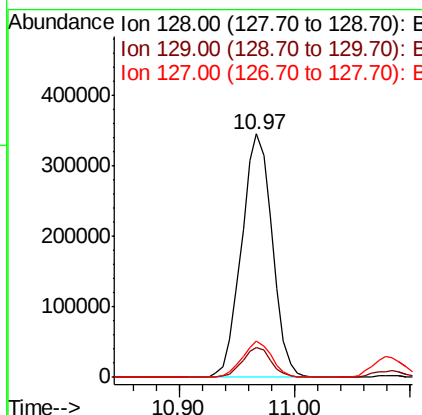
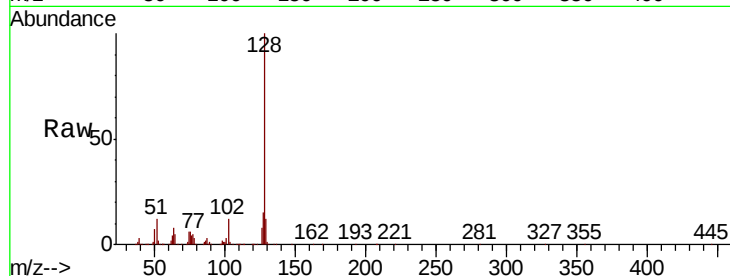




#31
Naphthalene
Concen: 52.664 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

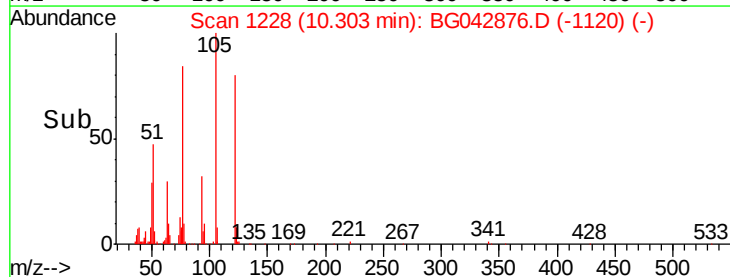
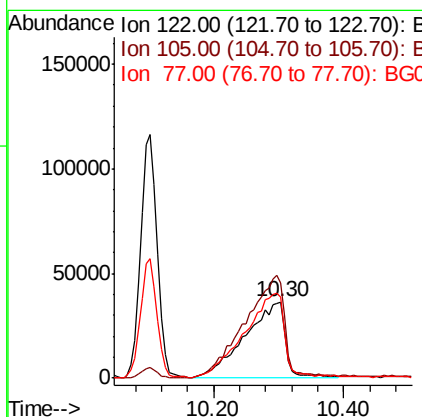
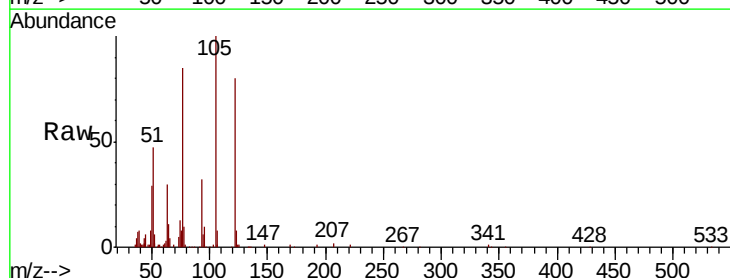
Instrument :
BNA_G
ClientSampleId :
SB-12MSD

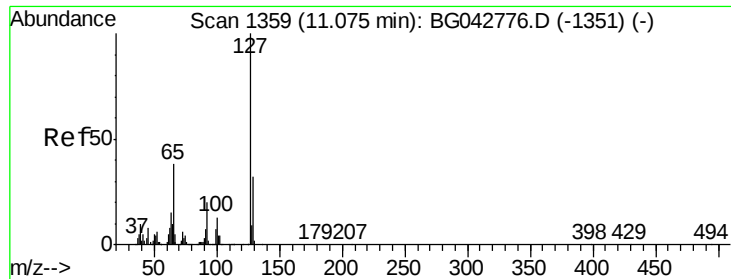
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.0	13.6
127	14.9	11.4	17.2



#32
Benzoic acid
Concen: 54.013 ng
RT: 10.30 min Scan# 1228
Delta R.T. 0.10 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.6	104.0	144.0
77	106.4	84.2	124.2

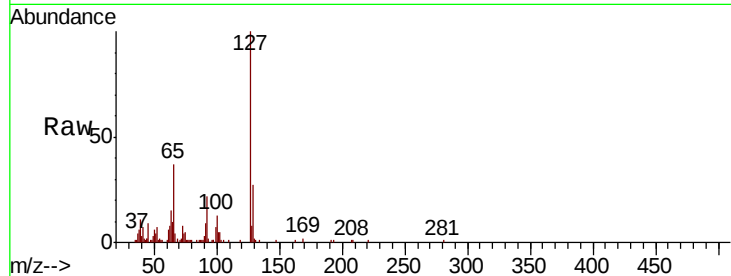




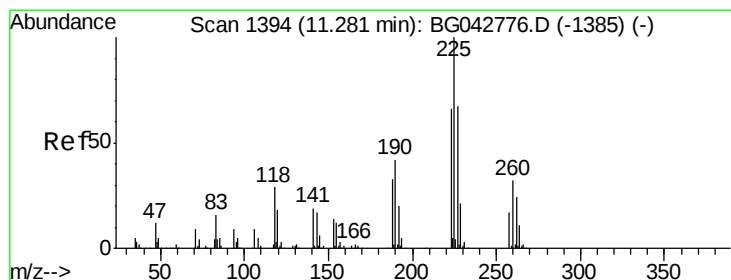
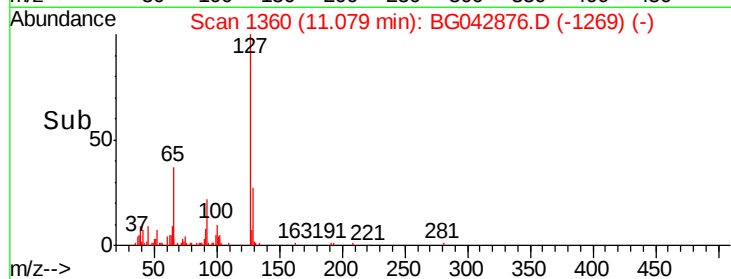
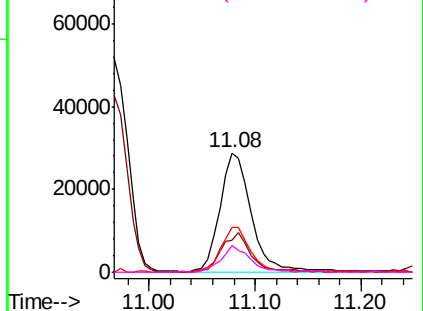
#33
4-Chloroaniline
Concen: 10.598 ng
RT: 11.08 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion:	127	Resp:	60021
Ion	Ratio	Lower	Upper
127	100		
129	27.3	25.8	38.6
65	37.3	30.5	45.7
92	22.3	15.9	23.9

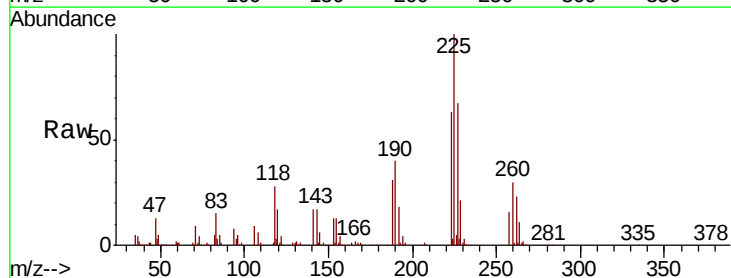


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

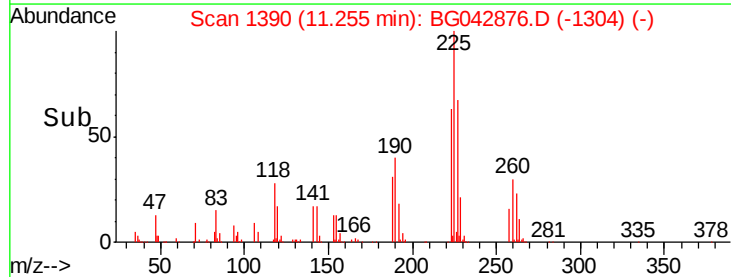
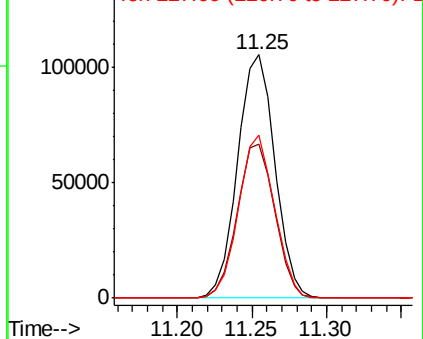


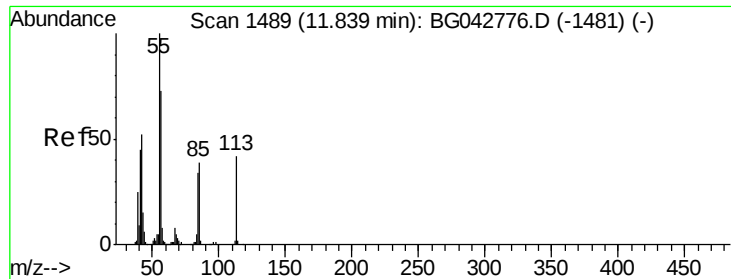
#34
Hexachlorobutadiene
Concen: 53.321 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.03 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion:	225	Resp:	182416
Ion	Ratio	Lower	Upper
225	100		
223	63.3	52.6	79.0
227	67.1	53.6	80.4



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

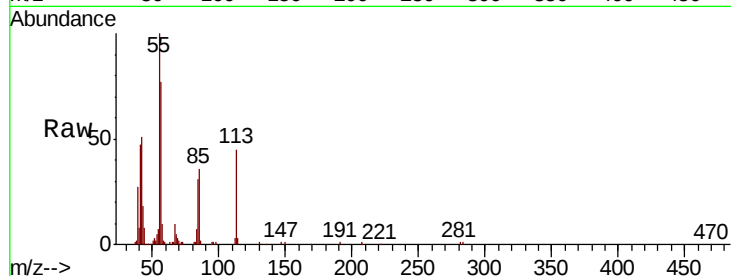




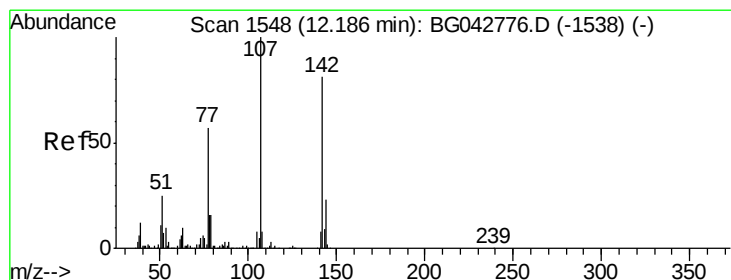
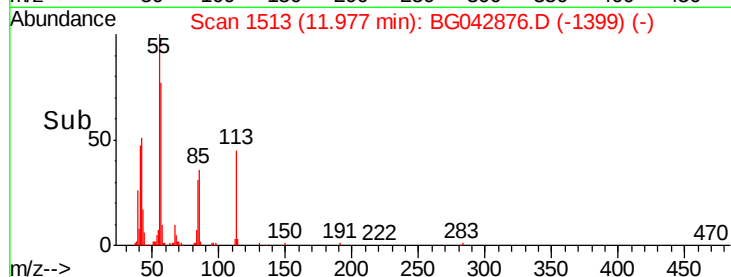
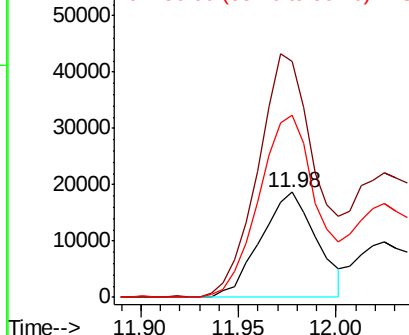
#35
Caprolactam
Concen: 25.031 ng
RT: 11.98 min Scan# 1513
Delta R.T. 0.14 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion:113 Resp: 37227
Ion Ratio Lower Upper
113 100
55 224.4 218.4 258.4
56 173.0 154.8 194.8

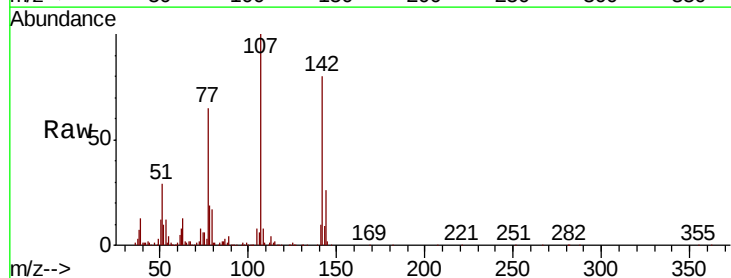


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

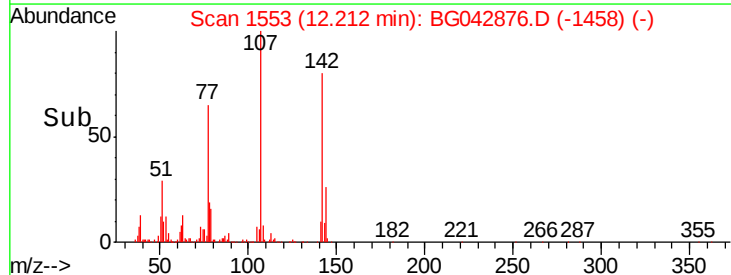
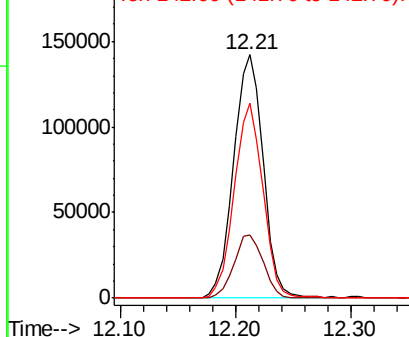


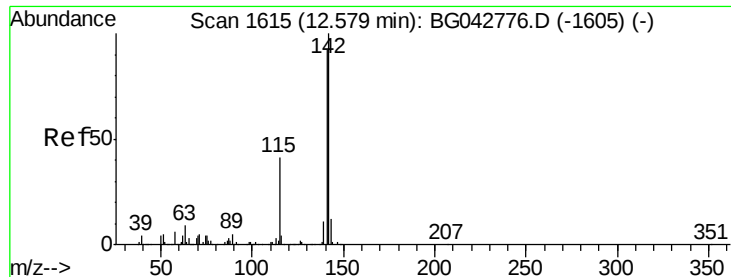
#36
4-Chloro-3-methylphenol
Concen: 58.292 ng
RT: 12.21 min Scan# 1553
Delta R.T. 0.03 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion:107 Resp: 253125
Ion Ratio Lower Upper
107 100
144 26.0 18.7 28.1
142 80.1 65.0 97.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

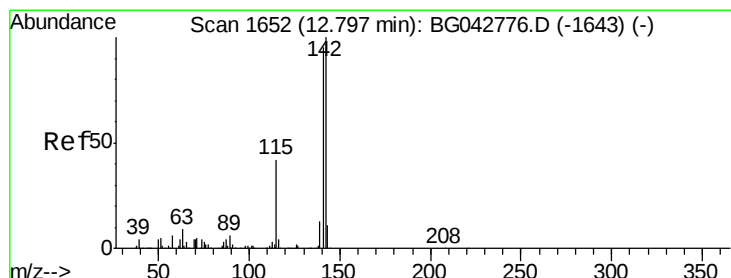
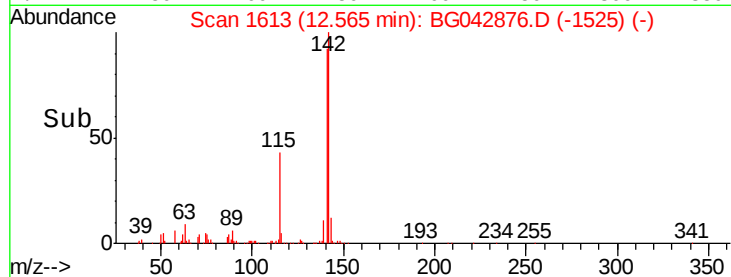
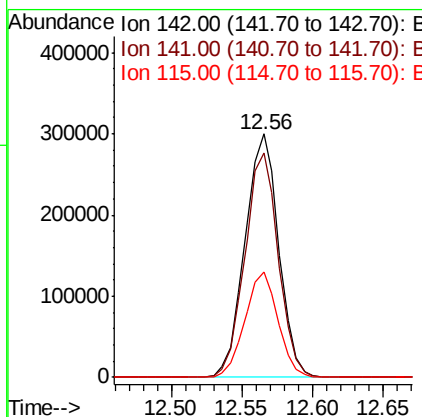
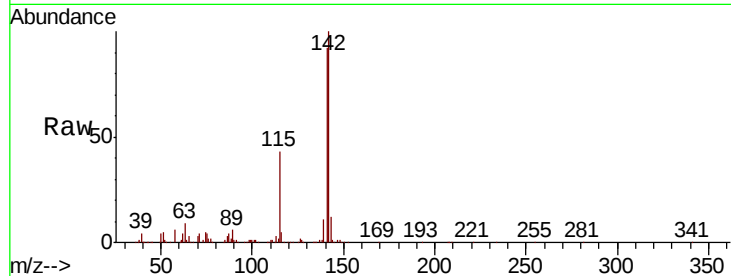




#37
 2-Methylnaphthalene
 Concen: 55.292 ng
 RT: 12.56 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

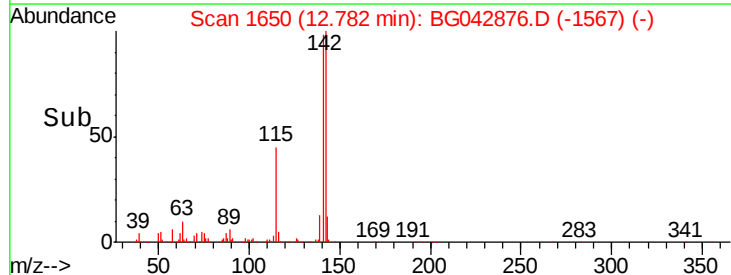
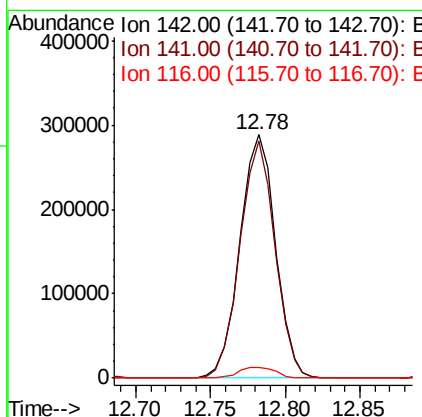
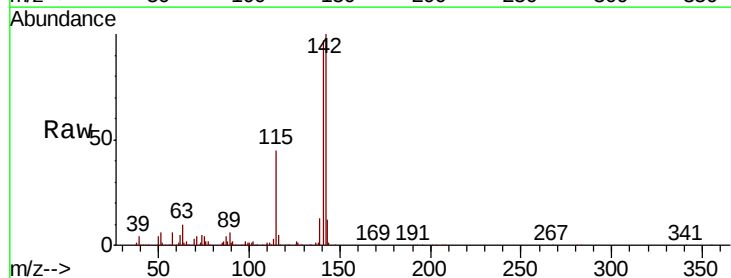
Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

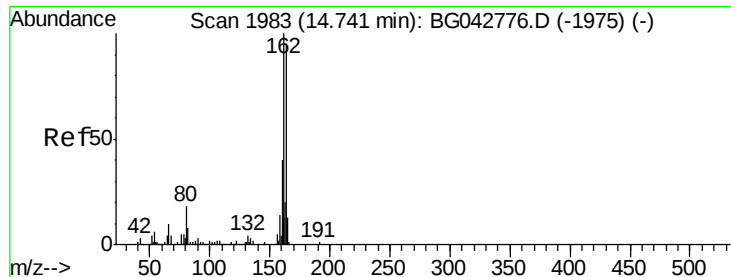
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.8	110.8
115	43.2	33.0	49.4



#38
 1-Methylnaphthalene
 Concen: 55.966 ng
 RT: 12.78 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.5	76.3	114.5
116	4.5	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

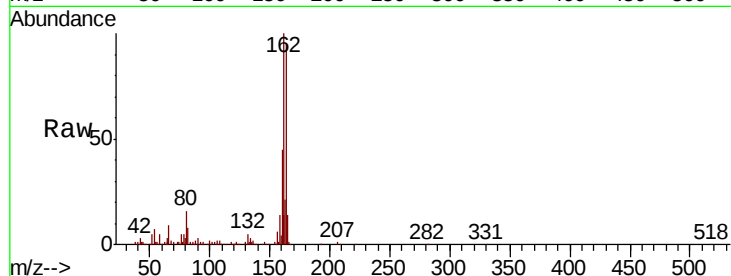
Tot Ion:164 Resp: 194204

Ion Ratio Lower Upper

164 100

162 105.8 84.6 126.8

160 47.8 34.2 51.2

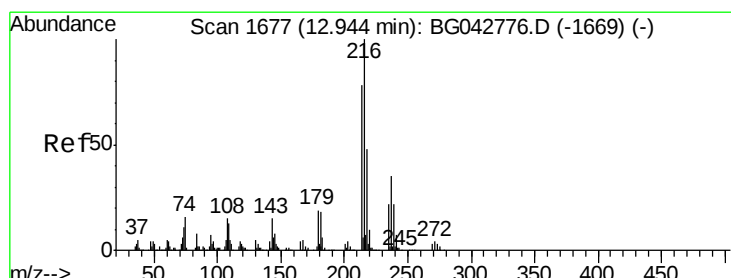
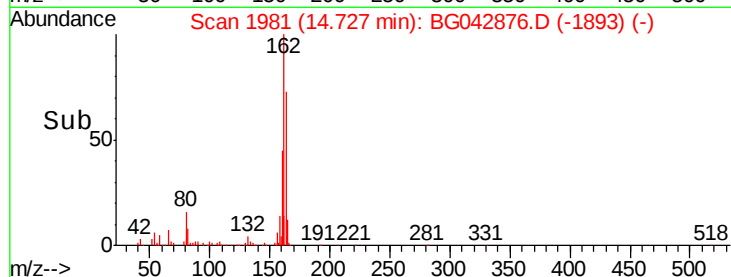
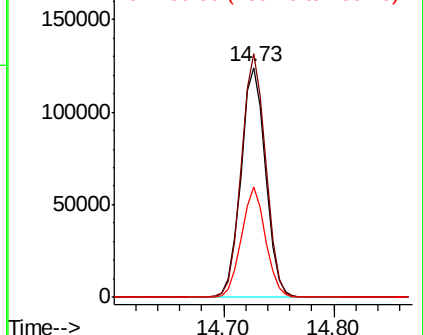


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.392 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Tgt Ion:216 Resp: 342635

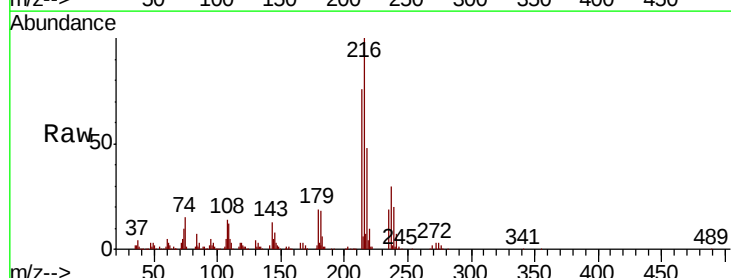
Ion Ratio Lower Upper

216 100

214 78.8 62.8 94.2

179 19.5 15.3 22.9

108 18.1 12.9 19.3



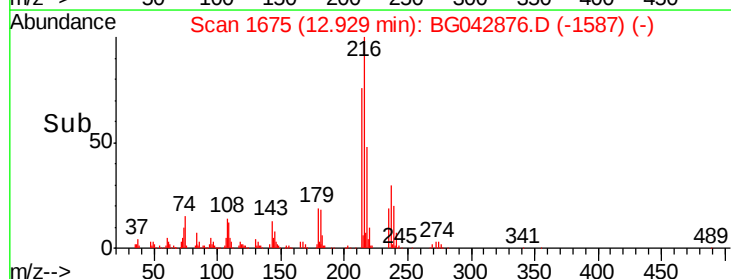
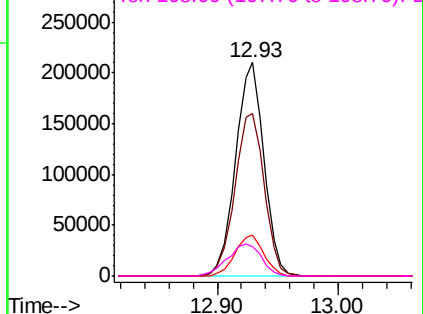
Abundance

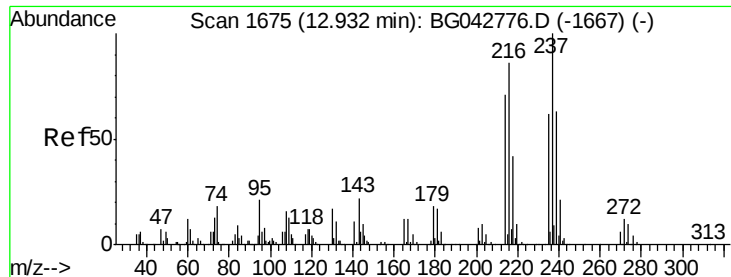
Ion 216.00 (215.70 to 216.70): E

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: 129.532 ng

RT: 12.91 min Scan# 1672

Delta R.T. -0.02 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

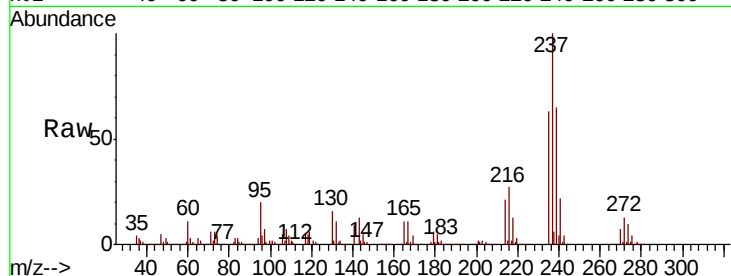
Tot Ion:237 Resp: 476202

Ion Ratio Lower Upper

237 100

235 63.2 41.9 81.9

272 12.8 0.0 31.6

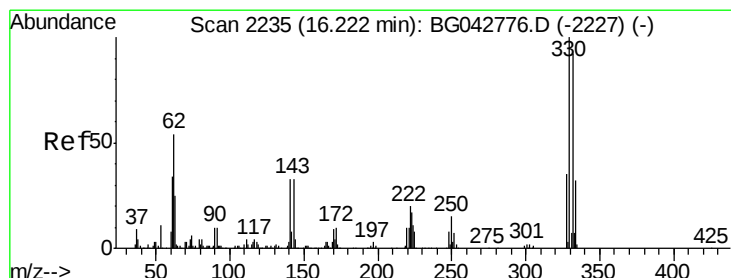
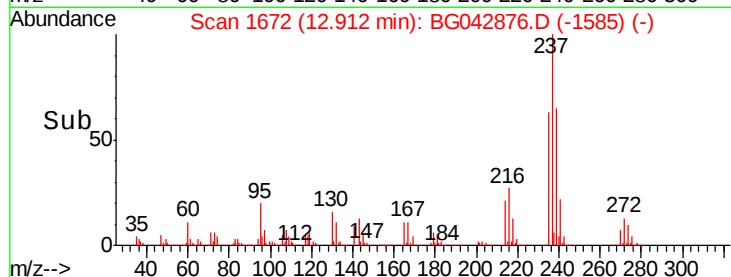
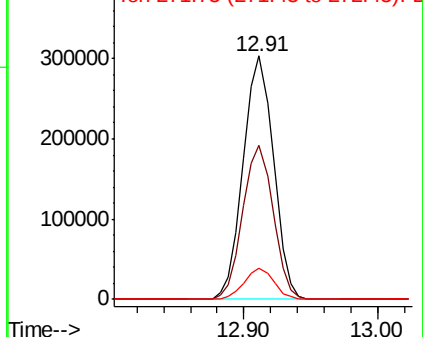


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 165.563 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

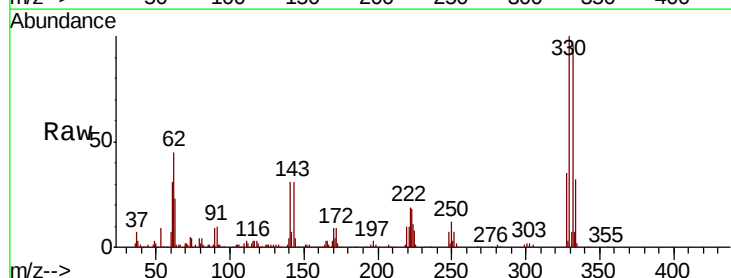
Tgt Ion:330 Resp: 427770

Ion Ratio Lower Upper

330 100

332 96.1 76.7 115.1

141 33.3 27.0 40.6

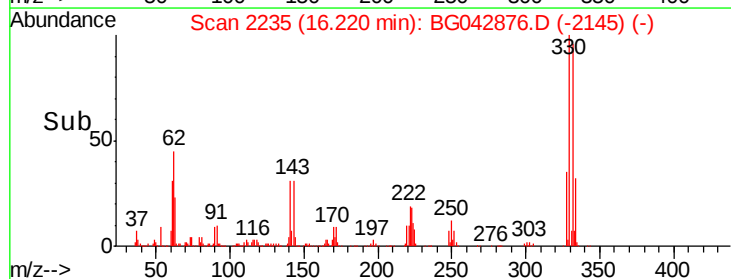
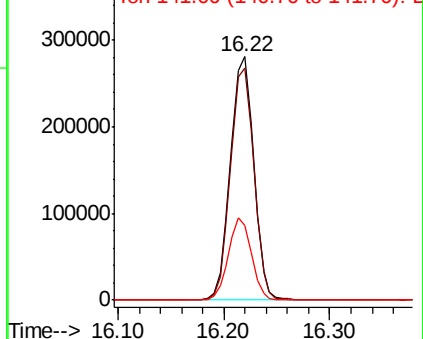


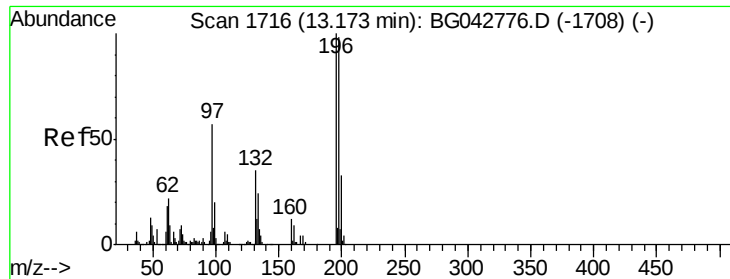
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

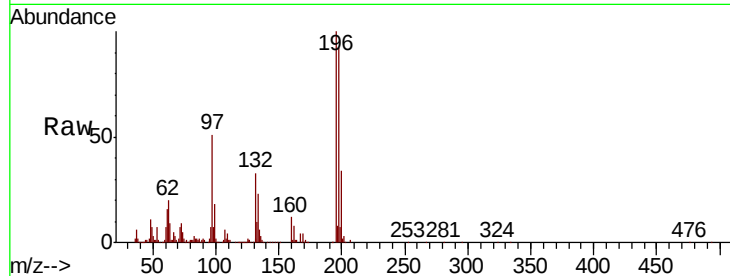




#43
 2,4,6-Trichlorophenol
 Concen: 54.741 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

Tot Ion	196	Resp	233876
Ion Ratio	Lower	Upper	
196	100		
198	92.0	78.8	118.2
200	33.9	26.2	39.4

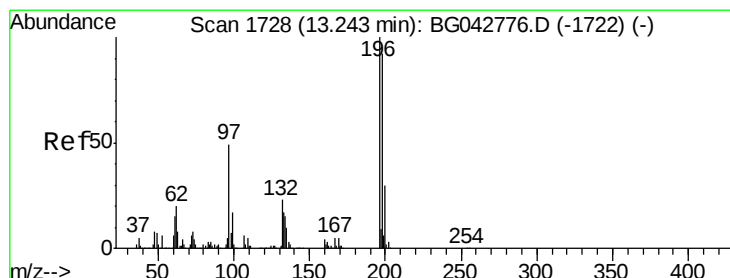
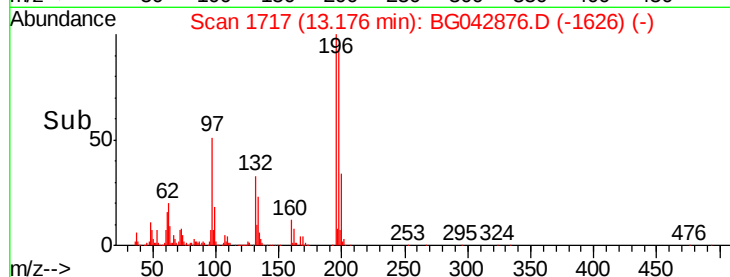
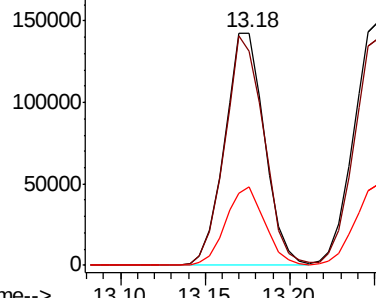


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 58.536 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Tgt Ion	196	Resp	256164
Ion Ratio	Lower	Upper	
196	100		
198	93.3	73.4	110.0
97	47.2	39.2	58.8
132	21.5	18.7	28.1

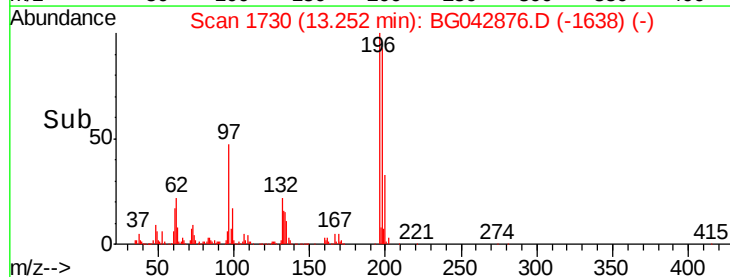
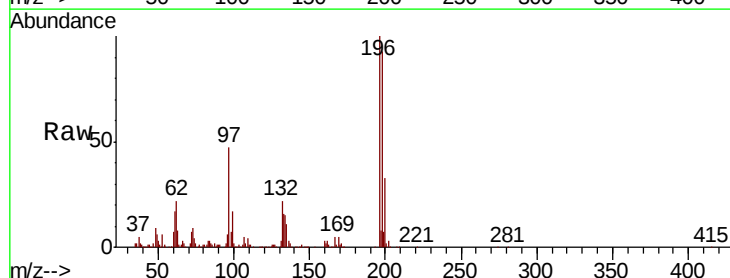
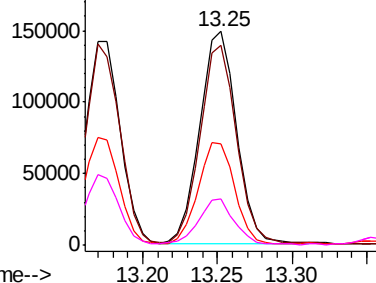
Abundance

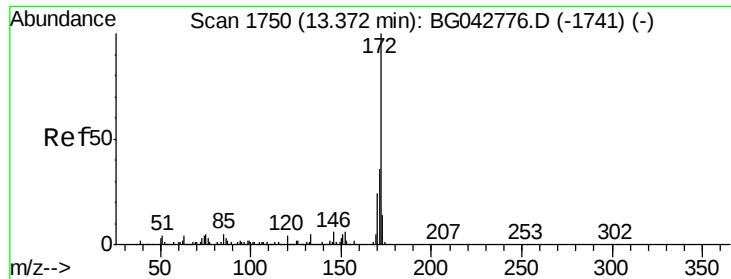
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

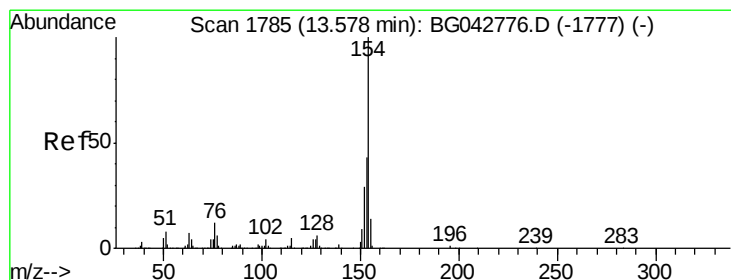
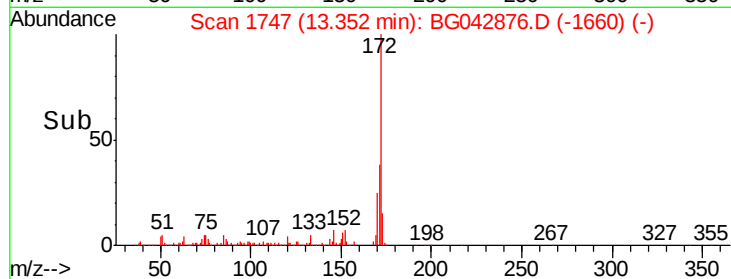
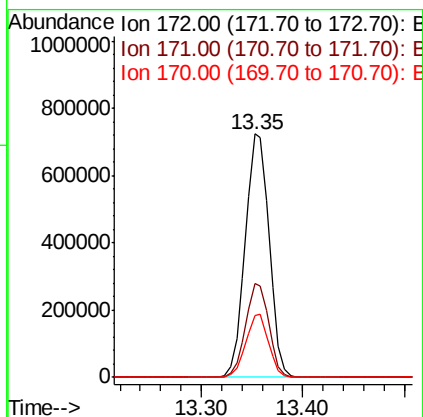
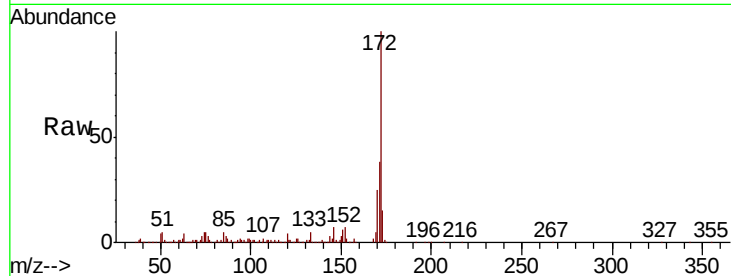




#45
2-Fluorobiphenyl
Concen: 96.107 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

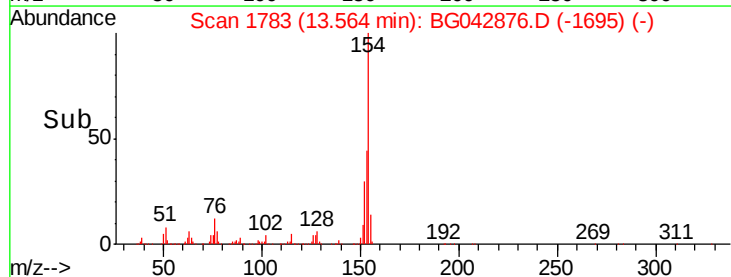
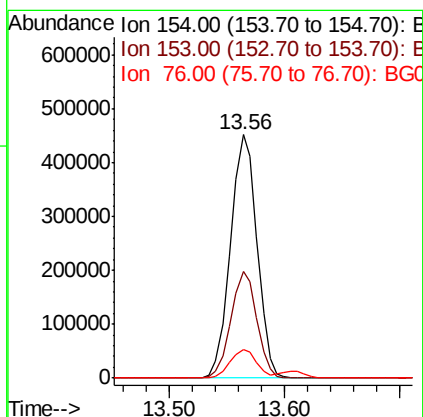
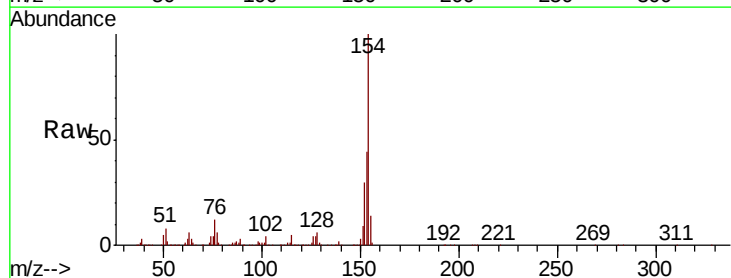
Instrument :
BNA_G
ClientSampleId :
SB-12MSD

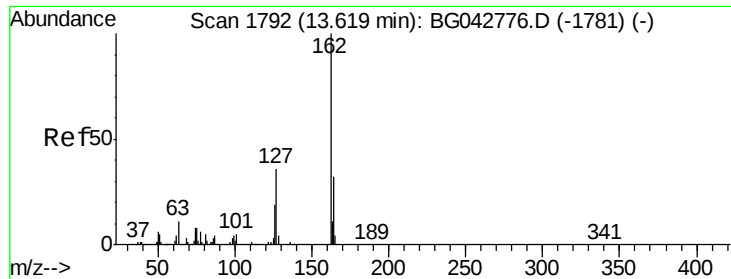
Tot Ion:172 Resp: 1179101
Ion Ratio Lower Upper
172 100
171 38.3 28.9 43.3
170 25.5 19.1 28.7



#46
1,1'-Biphenyl
Concen: 52.643 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion:154 Resp: 715701
Ion Ratio Lower Upper
154 100
153 43.9 22.6 62.6
76 11.7 0.0 32.2

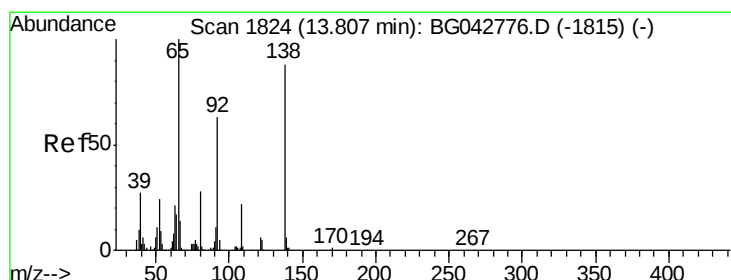
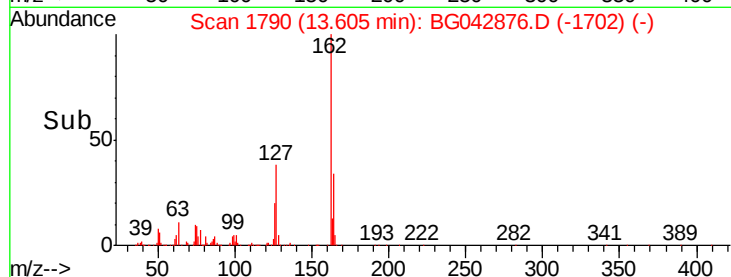
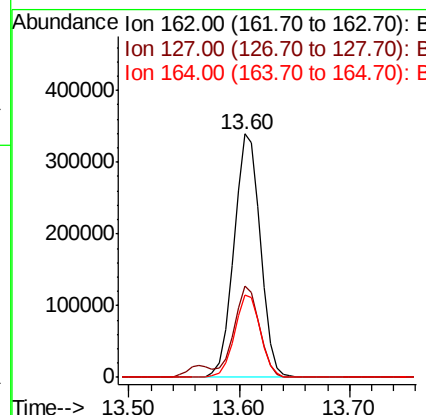
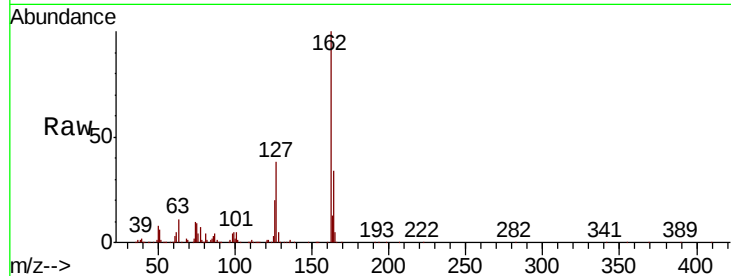




#47
 2-Chloronaphthalene
 Concen: 50.538 ng
 RT: 13.60 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

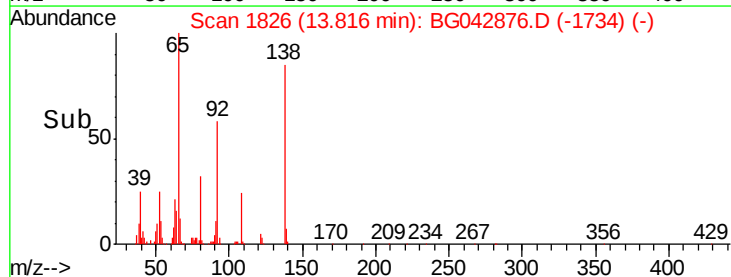
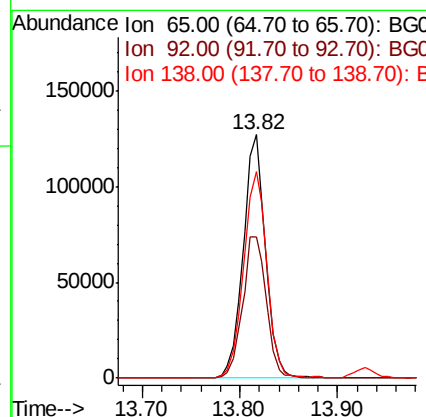
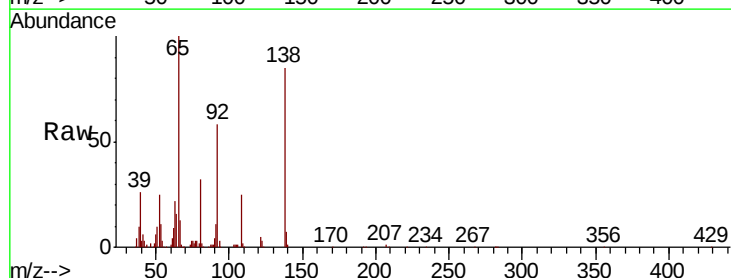
Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

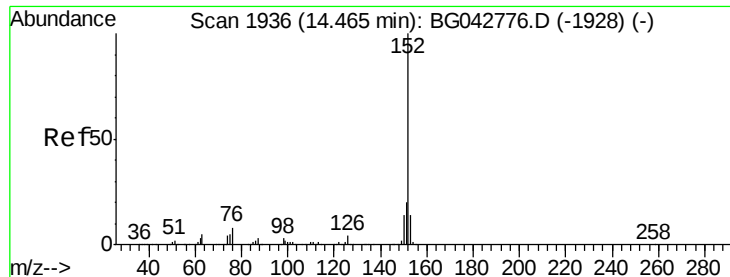
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	29.3	43.9
164	33.7	26.0	39.0



#48
 2-Nitroaniline
 Concen: 51.475 ng
 RT: 13.82 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.2	50.4	75.6
138	84.6	70.6	106.0





#49

Acenaphthylene

Concen: 53.373 ng

RT: 14.45 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

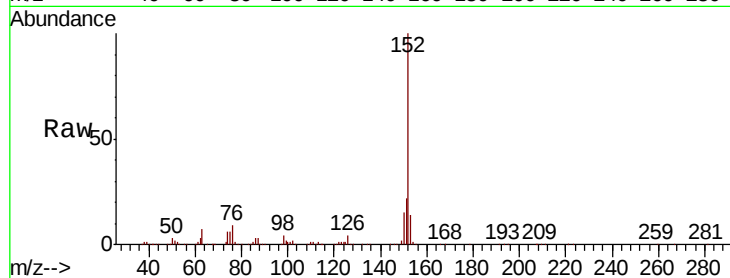
Tot Ion:152 Resp: 917304

Ion Ratio Lower Upper

152 100

151 21.6 16.0 24.0

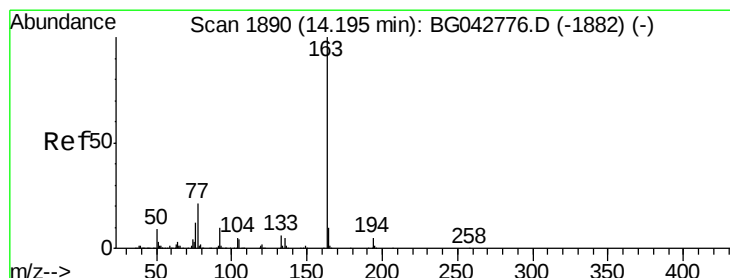
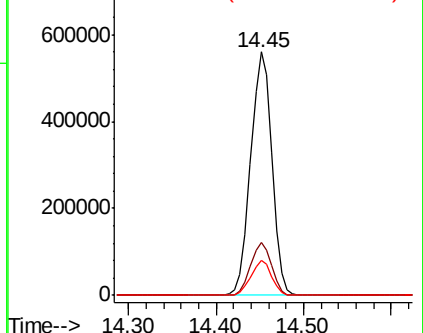
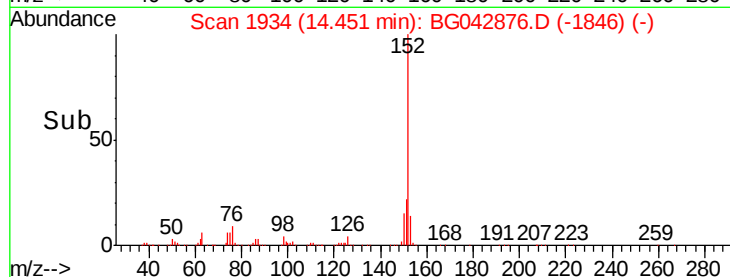
153 14.2 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 65.197 ng

RT: 14.20 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

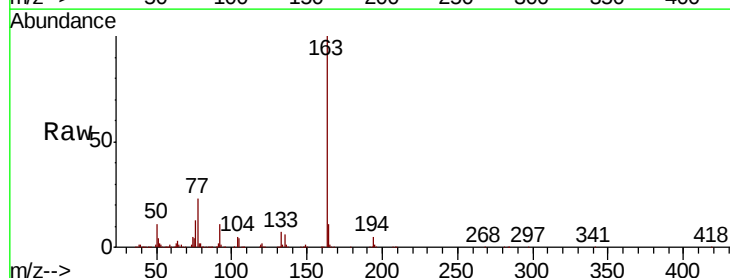
Tgt Ion:163 Resp: 948510

Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.4

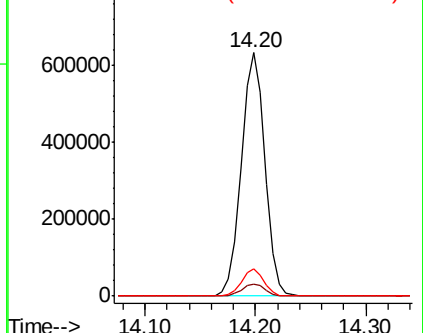
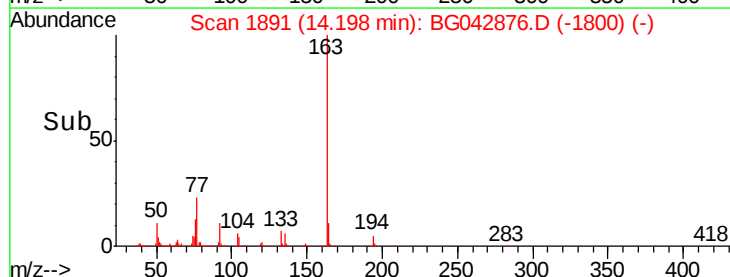
164 11.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 58.617 ng

RT: 14.30 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

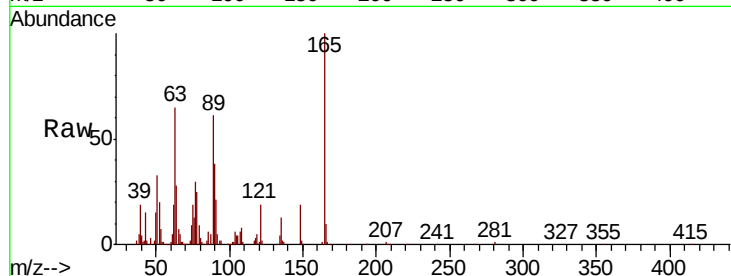
Tot Ion:165 Resp: 174982

Ion Ratio Lower Upper

165 100

63 64.7 52.1 78.1

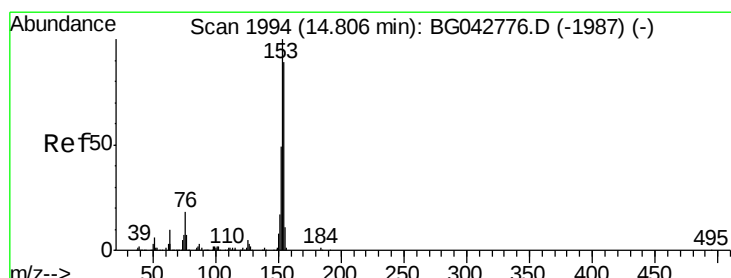
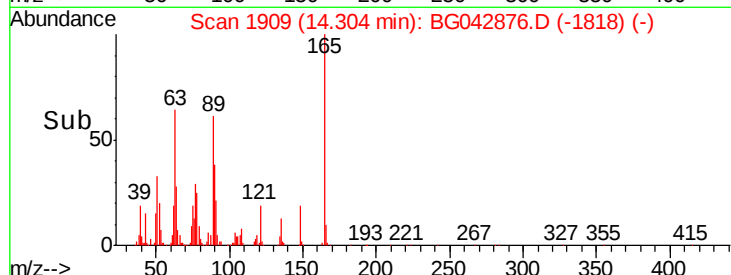
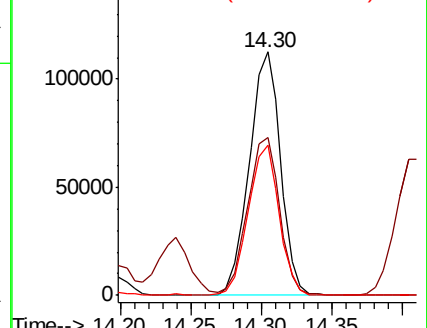
89 61.5 51.7 77.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 48.680 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

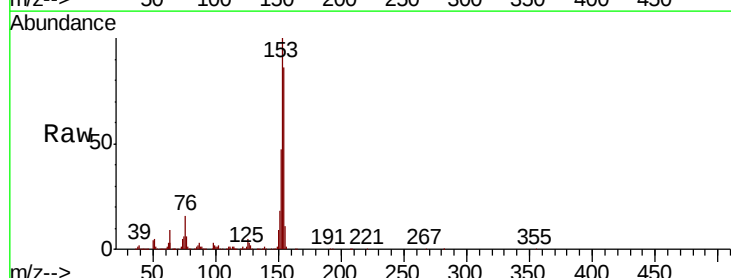
Tgt Ion:154 Resp: 546577

Ion Ratio Lower Upper

154 100

153 116.8 89.4 134.2

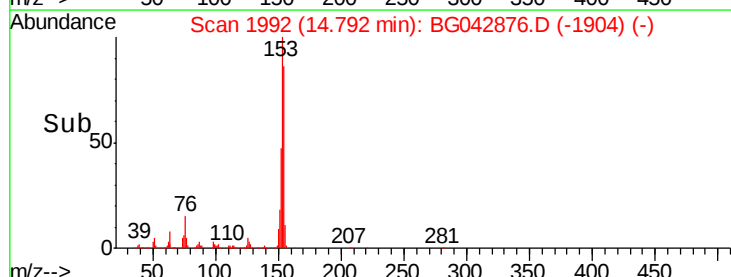
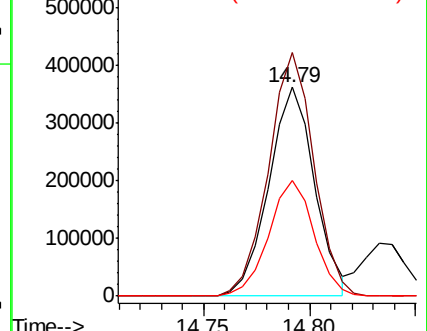
152 55.2 43.5 65.3

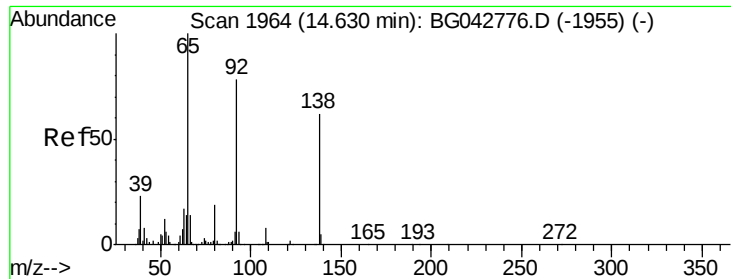


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 20.715 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

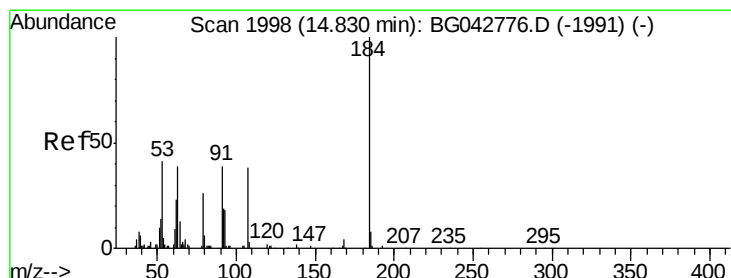
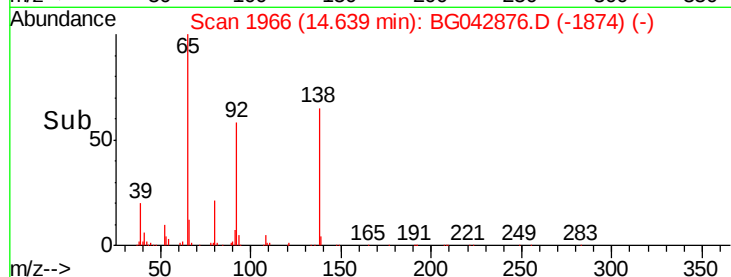
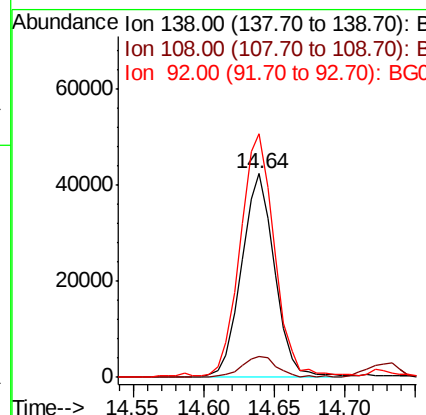
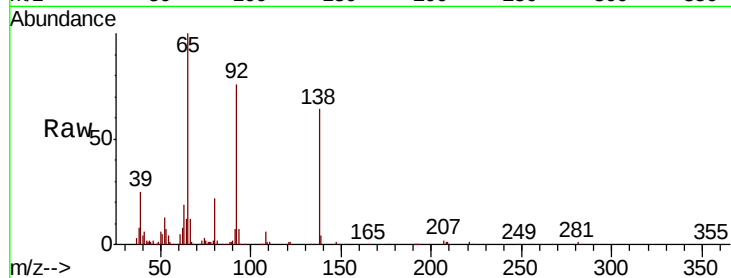
Tot Ion:138 Resp: 69401

Ion Ratio Lower Upper

138 100

108 10.2 10.7 16.1#

92 119.5 100.5 150.7



#54

2,4-Dinitrophenol

Concen: 152.509 ng

RT: 14.84 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

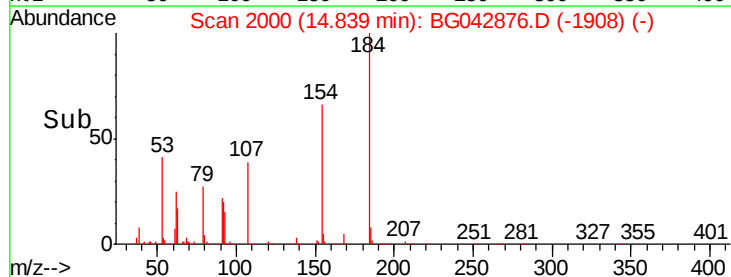
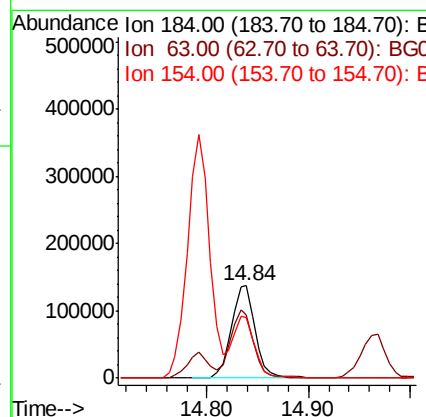
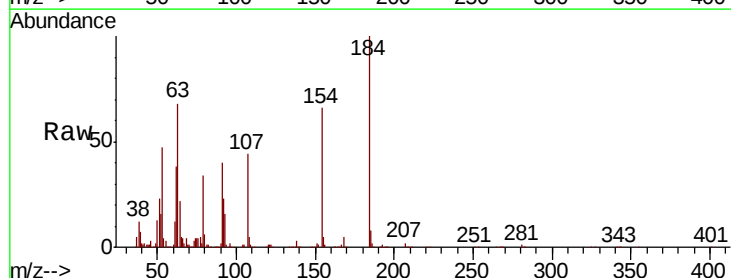
Tgt Ion:184 Resp: 224122

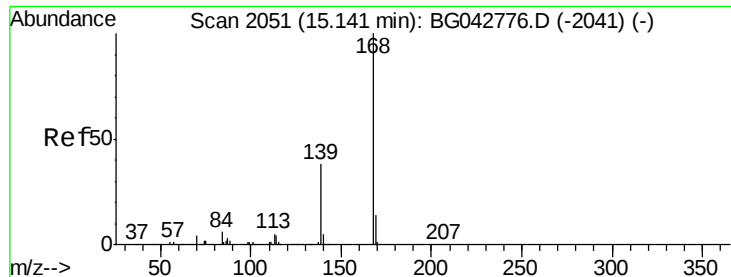
Ion Ratio Lower Upper

184 100

63 68.1 46.2 69.4

154 65.7 81.3 121.9#

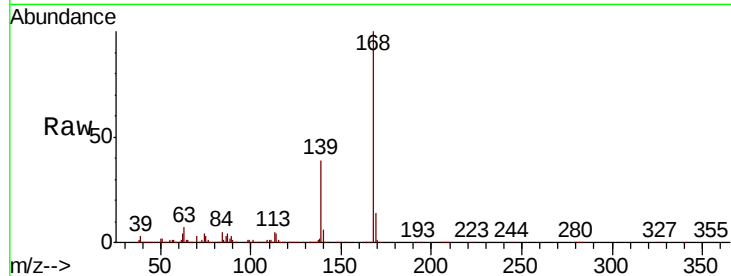




#55
Dibenzofuran
Concen: 54.384 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.2	45.4
169	14.0	11.2	16.8

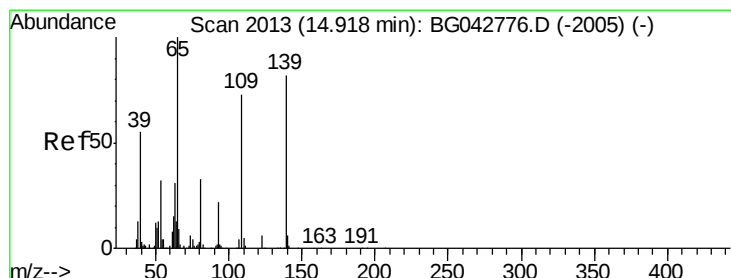
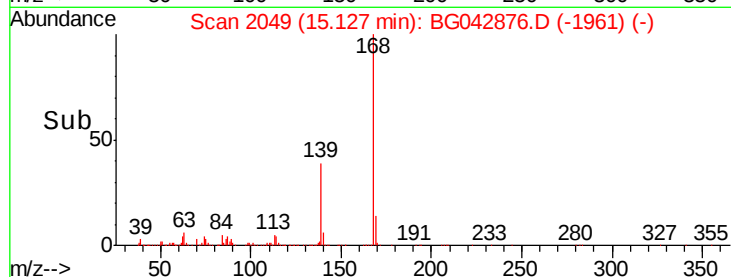
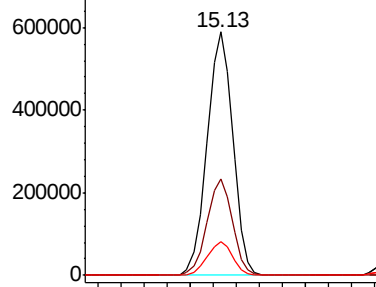


Abundance

Ion 168.00 (167.70 to 168.70): E

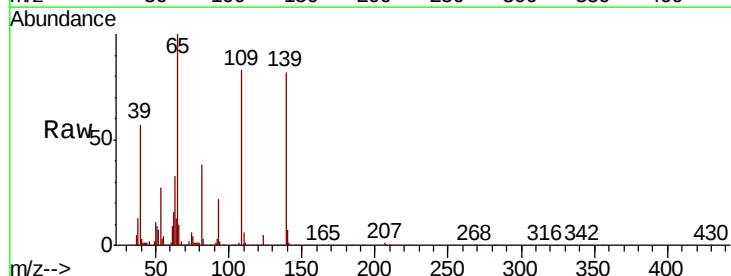
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 109.966 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.05 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.3	69.4	109.4
65	121.4	102.5	142.5

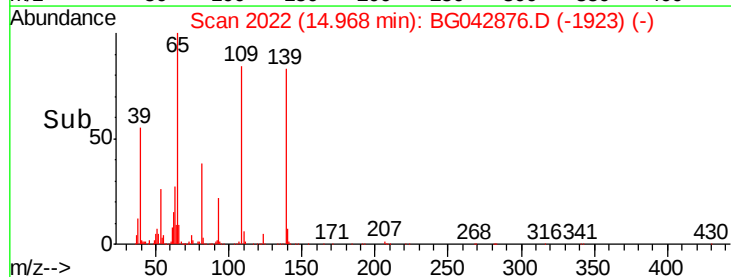
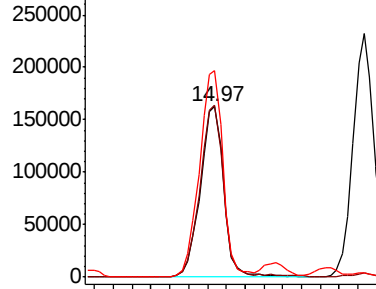


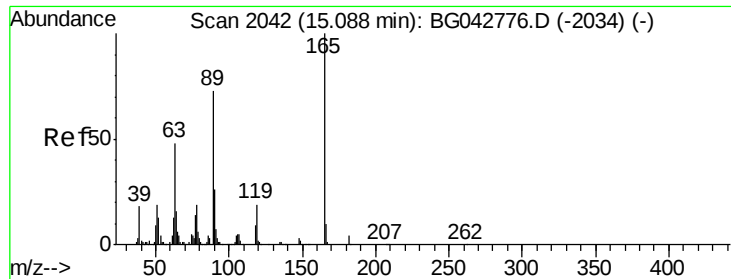
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

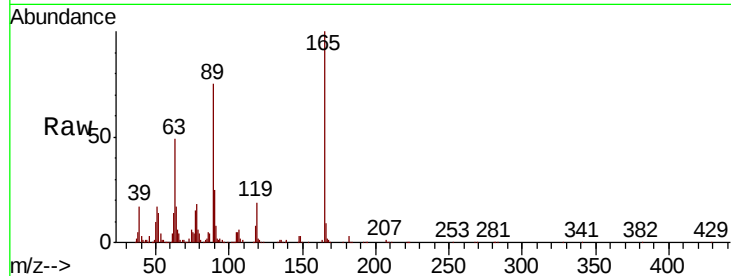




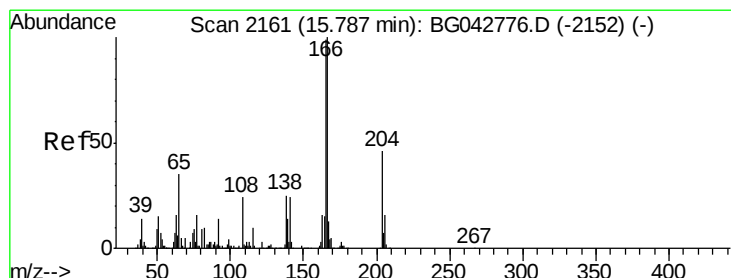
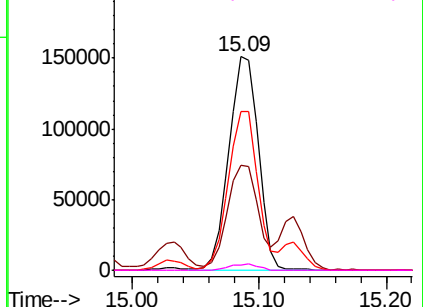
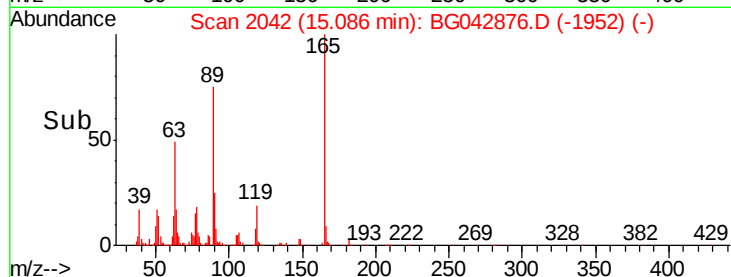
#57
2,4-Dinitrotoluene
Concen: 61.081 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion:165 Resp: 243041
Ion Ratio Lower Upper
165 100
63 49.0 38.3 57.5
89 74.6 58.4 87.6
182 2.5 2.9 4.3#

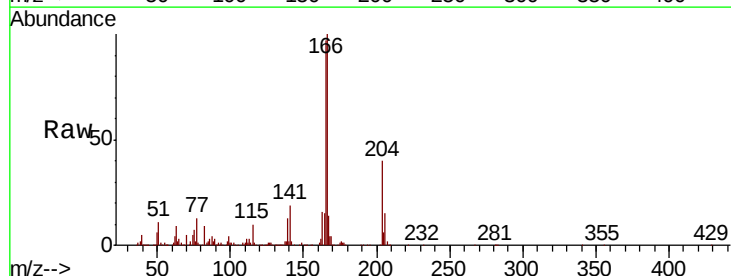


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

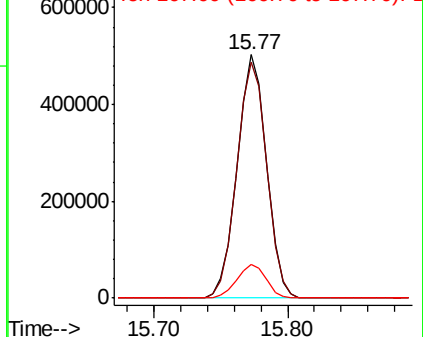
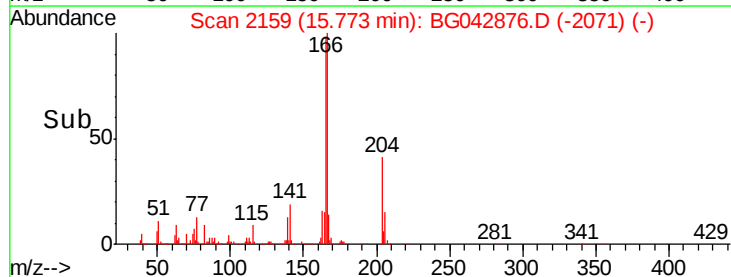


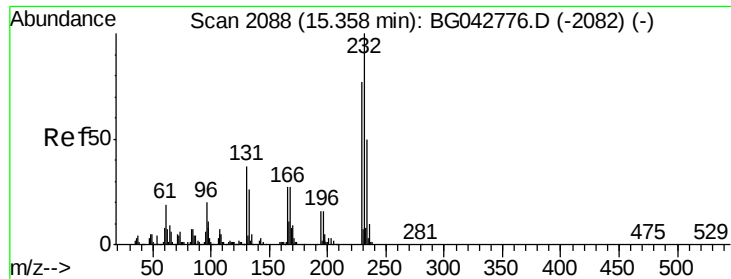
#58
Fluorene
Concen: 55.194 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion:166 Resp: 763403
Ion Ratio Lower Upper
166 100
165 96.8 79.1 118.7
167 14.1 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 62.835 ng

RT: 15.36 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

Tot Ion:232 Resp: 266558

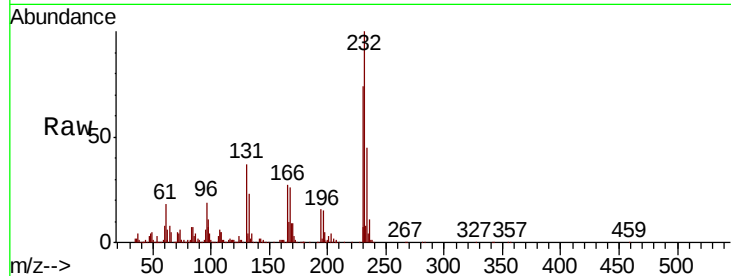
Ion Ratio Lower Upper

232 100

131 36.6 31.1 46.7

130 2.3 1.8 2.6

166 26.2 21.7 32.5

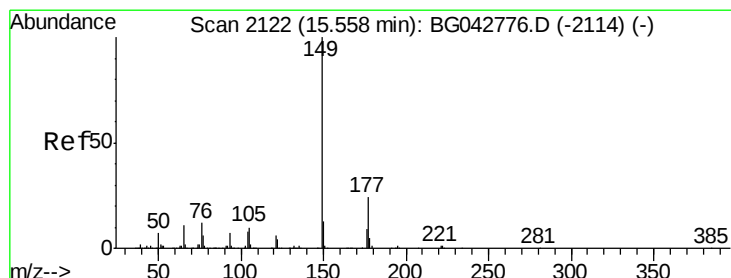
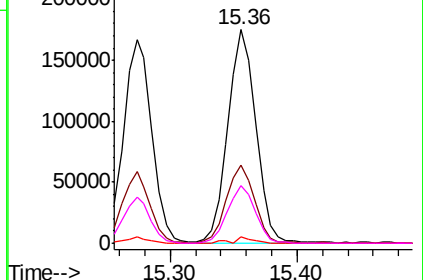
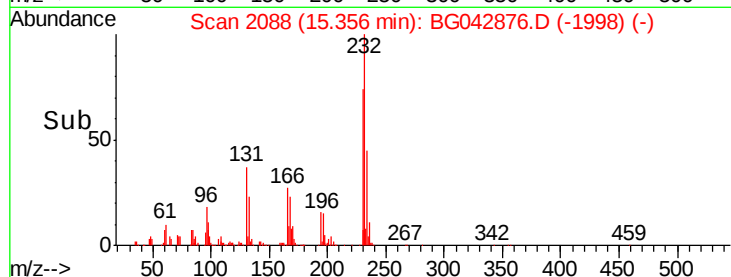


Abundance Ion 232.00 (231.70 to 232.70): E

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: 51.573 ng

RT: 15.56 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

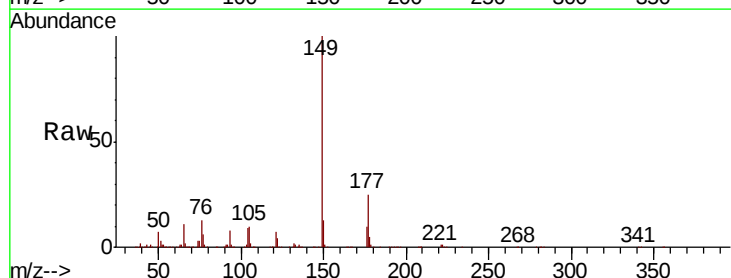
Tgt Ion:149 Resp: 761608

Ion Ratio Lower Upper

149 100

177 25.3 19.4 29.0

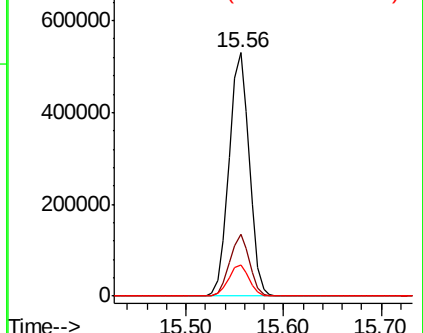
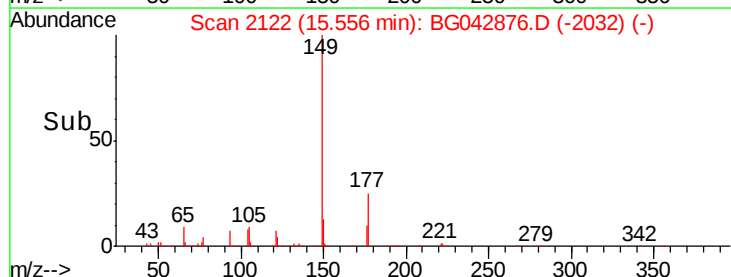
150 13.1 10.2 15.4

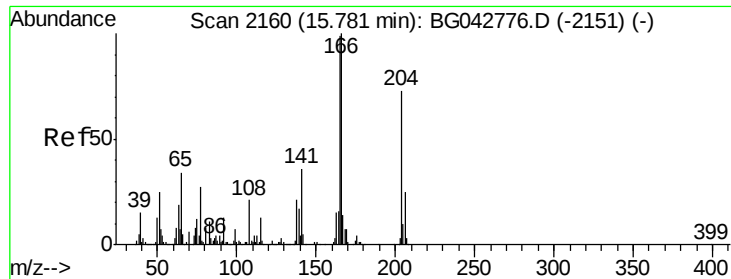


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

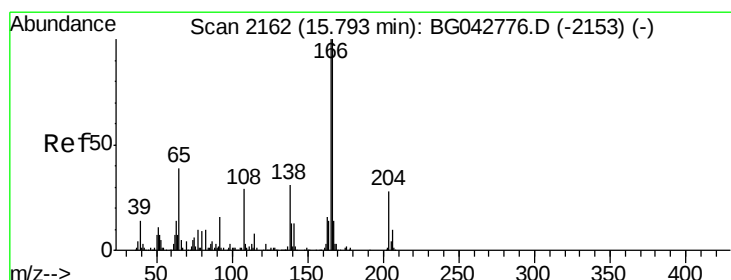
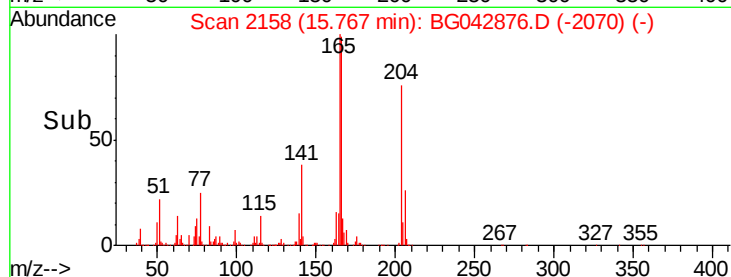
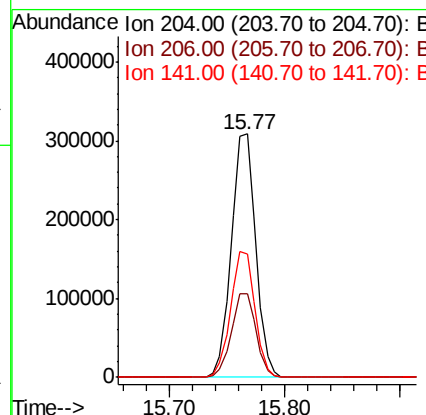
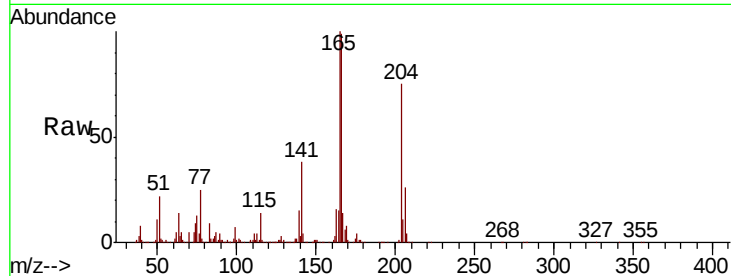




#61
 4-Chlorophenyl-phenylether
 Concen: 55.033 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

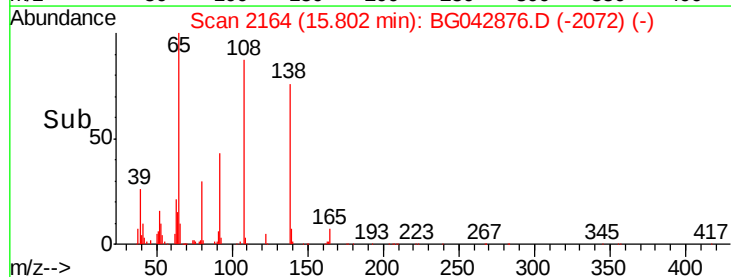
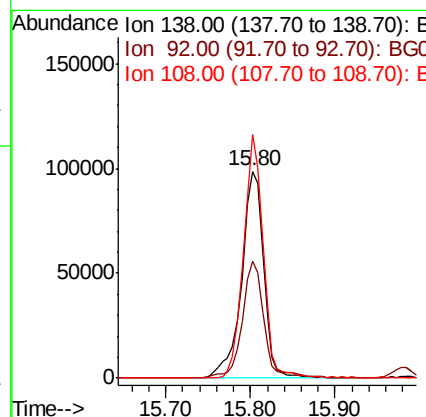
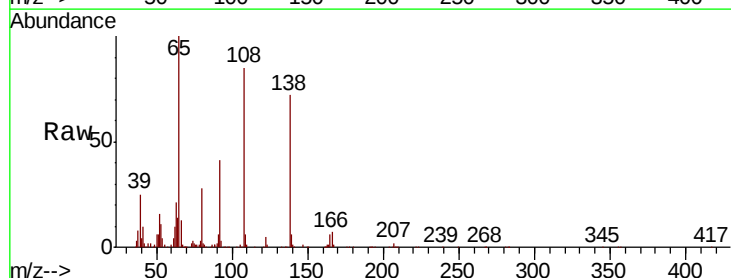
Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

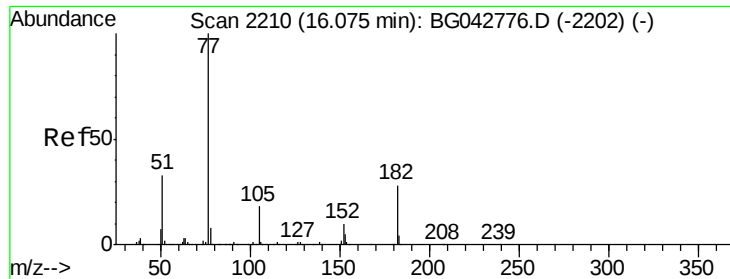
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.6	41.4
141	50.4	39.8	59.6



#62
 4-Nitroaniline
 Concen: 49.067 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. 0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.9	31.4	71.4
108	117.9	74.8	114.8#

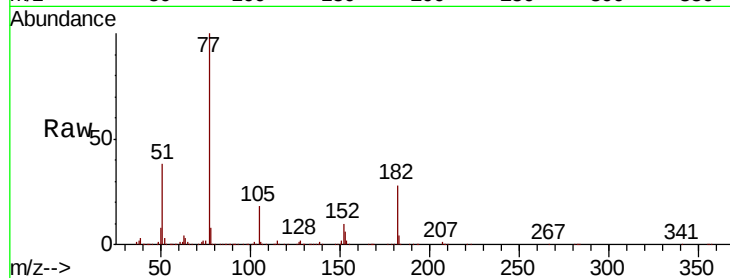




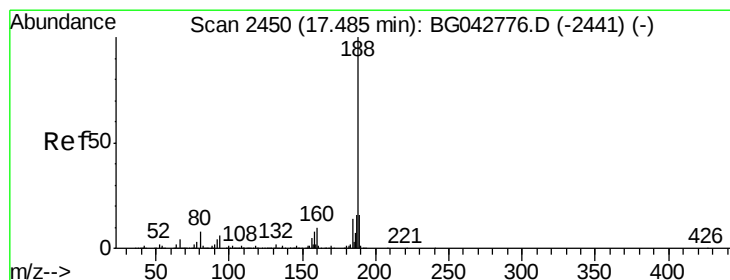
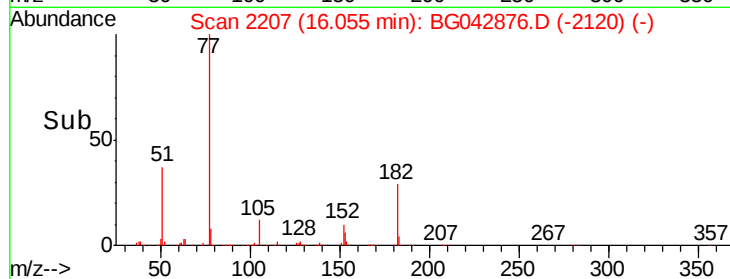
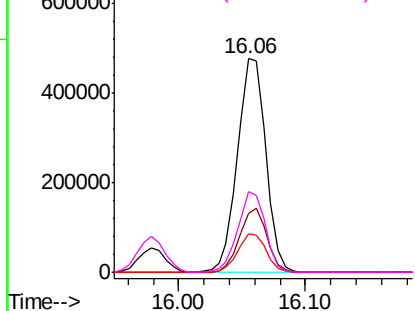
#63
Azobenzene
Concen: 51.767 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion:	77	Resp:	736160
Ion	Ratio	Lower	Upper
77	100		
182	27.6	8.1	48.1
105	18.0	0.0	38.1
51	37.7	12.9	52.9

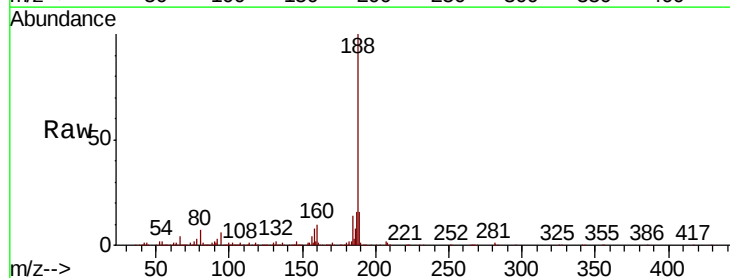


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

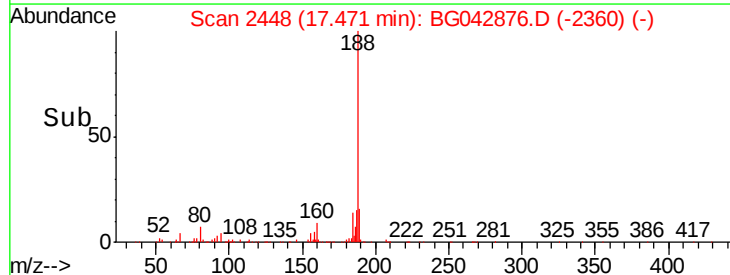
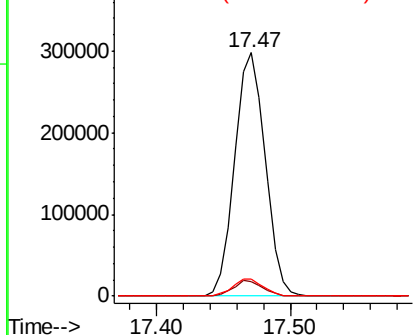


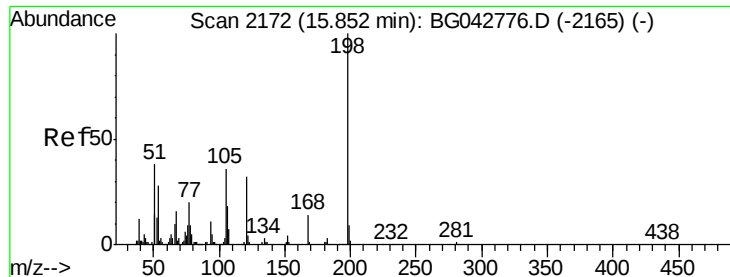
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion:	188	Resp:	473036
Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.8	7.2
80	7.2	6.6	9.8



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

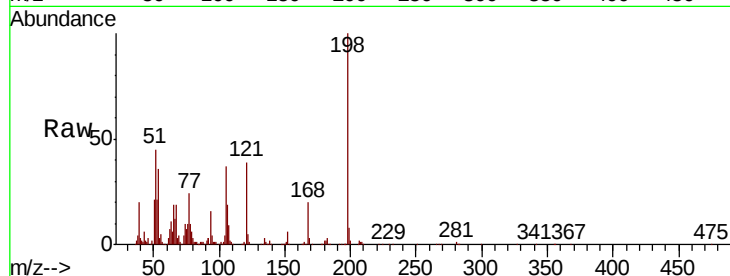




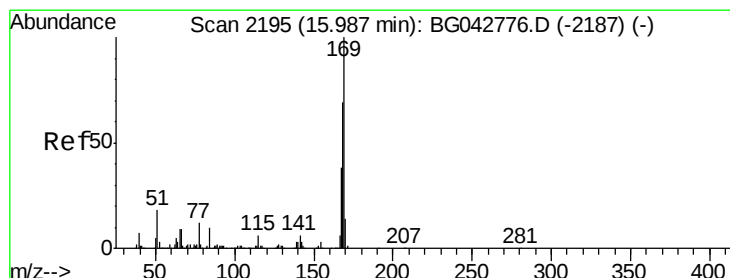
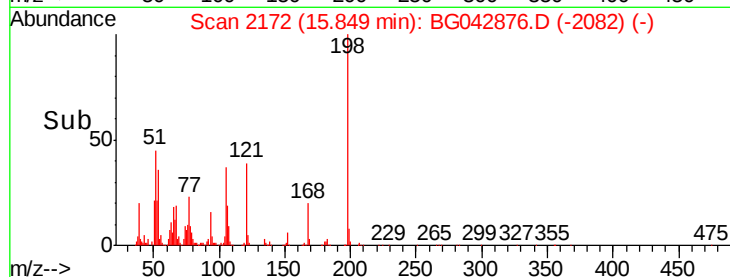
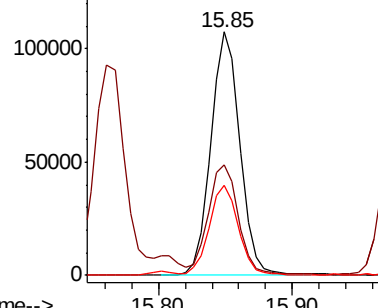
#65
 4,6-Dinitro-2-methylphenol
 Concen: 79.832 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	45.2	20.9	60.9
105	36.9	16.4	56.4

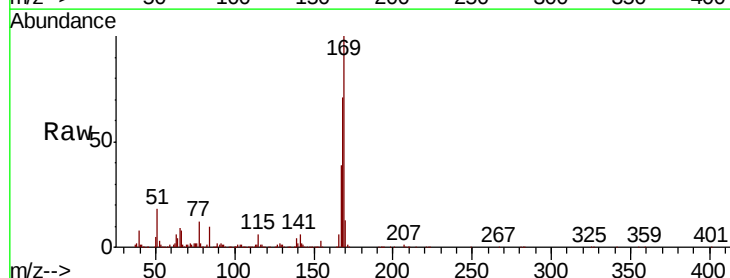


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

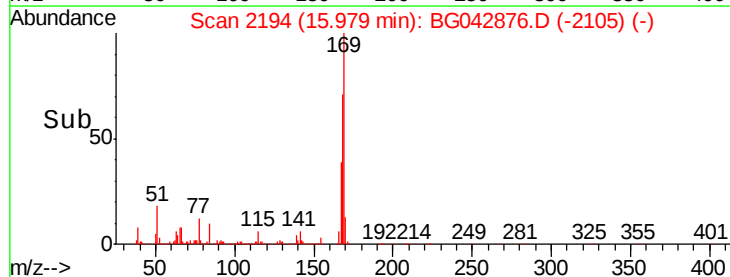
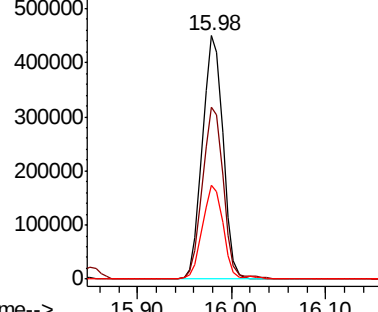


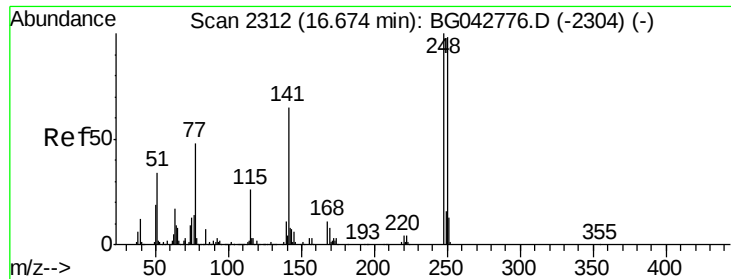
#66
 n-Nitrosodiphenylamine
 Concen: 53.943 ng
 RT: 15.98 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.8	55.4	83.2
167	38.6	30.4	45.6



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: 53.831 ng

RT: 16.66 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

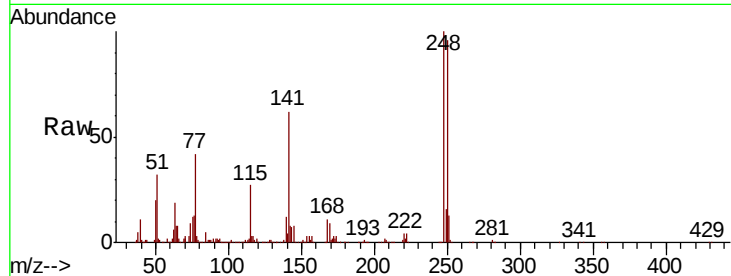
Tot Ion:248 Resp: 308206

Ion Ratio Lower Upper

248 100

250 96.0 78.0 117.0

141 61.5 51.8 77.6

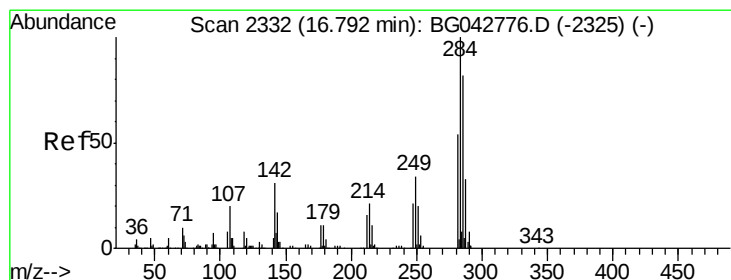
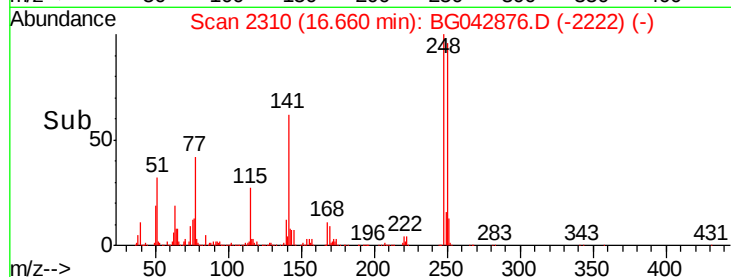
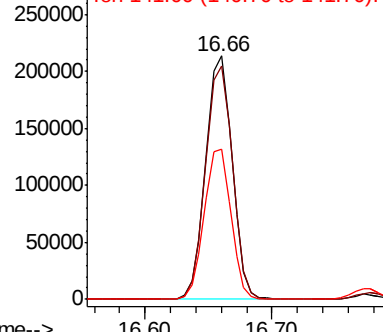


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 52.562 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

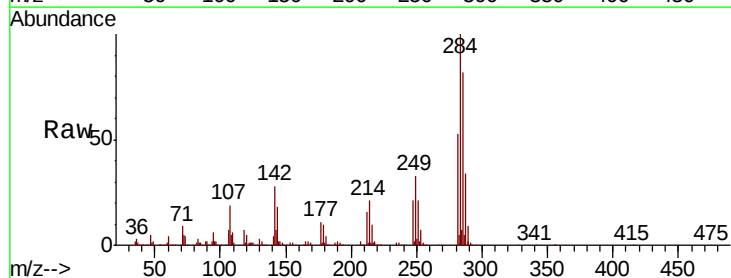
Tgt Ion:284 Resp: 321566

Ion Ratio Lower Upper

284 100

142 28.4 24.7 37.1

249 32.9 27.0 40.4

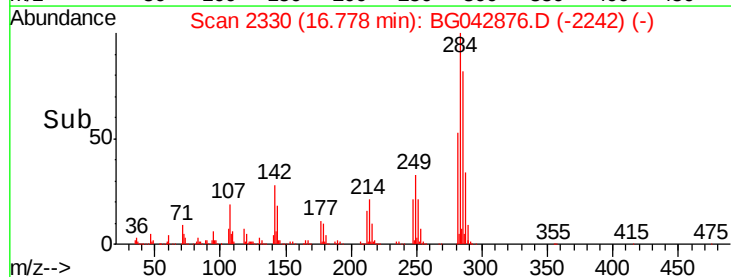
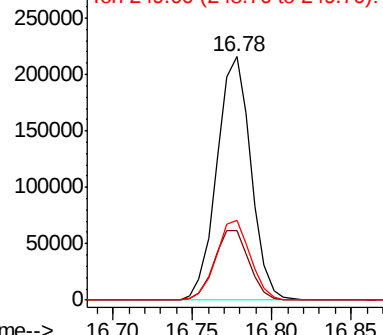


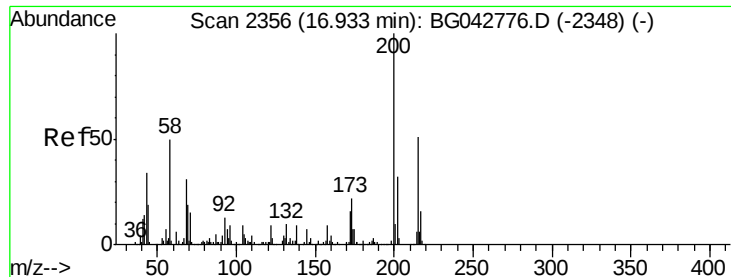
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 59.396 ng

RT: 16.94 min Scan# 2358

Delta R.T. 0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

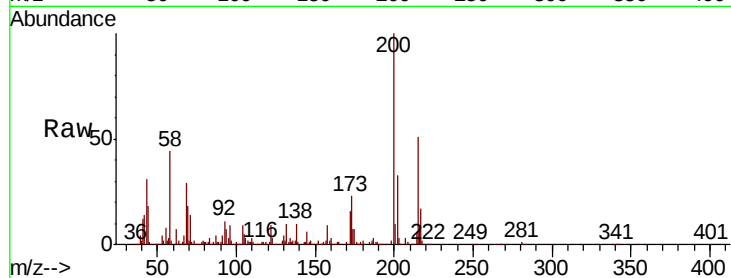
Tot Ion:200 Resp: 263283

Ion Ratio Lower Upper

200 100

173 22.8 2.5 42.5

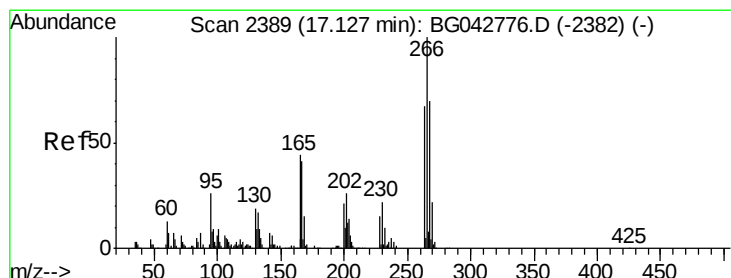
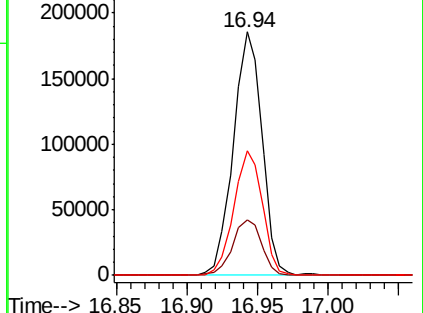
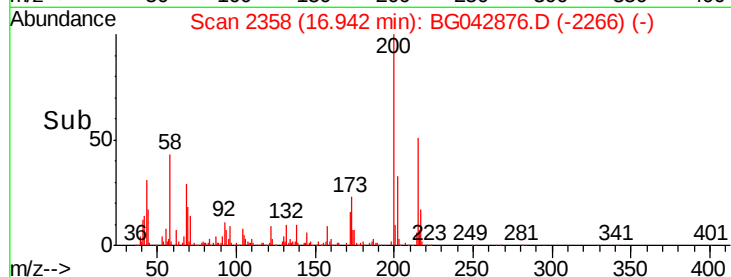
215 51.0 31.0 71.0



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: 118.926 ng

RT: 17.12 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

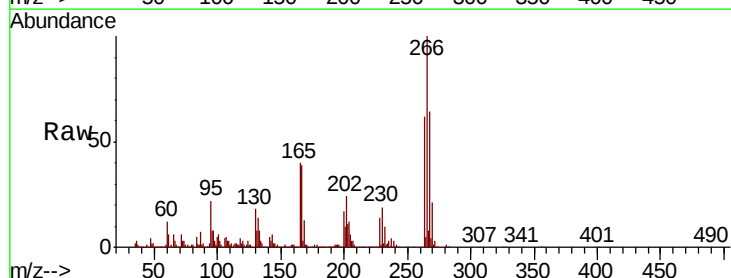
Tgt Ion:266 Resp: 431615

Ion Ratio Lower Upper

266 100

268 63.7 56.2 84.4

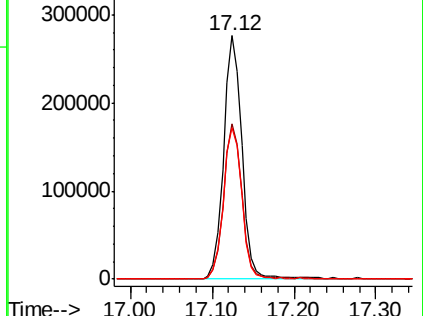
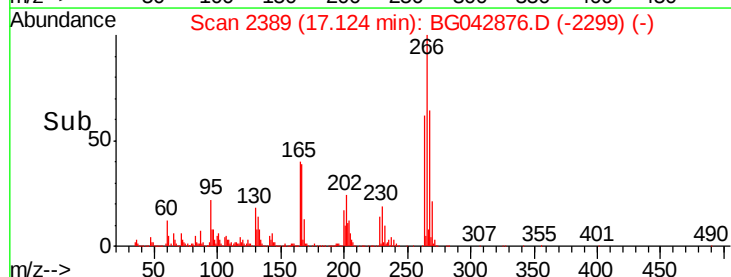
264 62.2 53.4 80.2

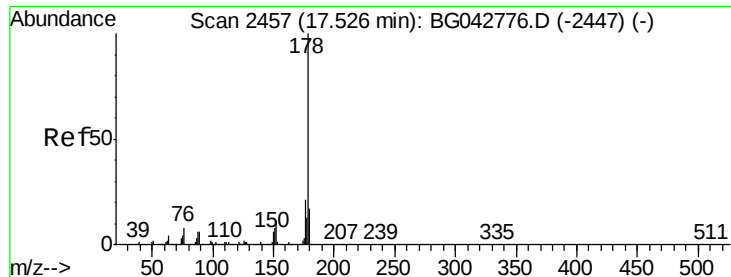


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

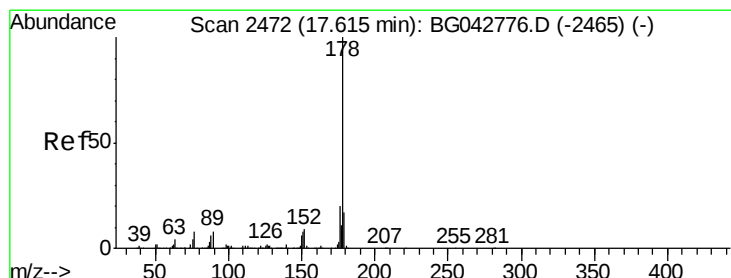
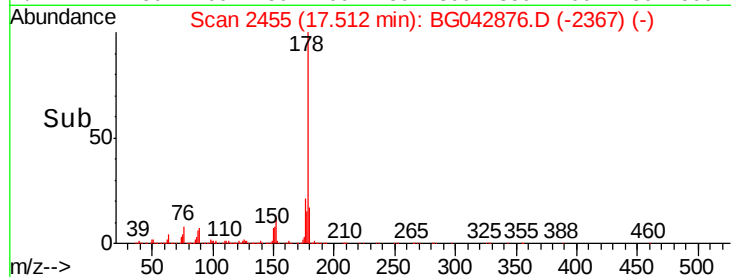
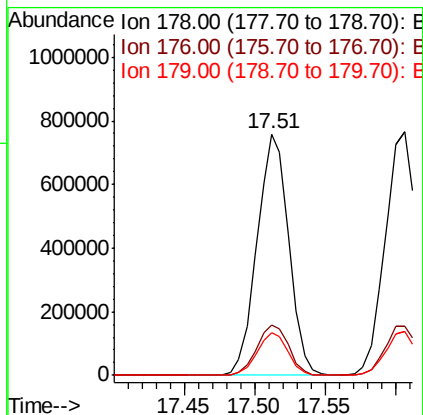
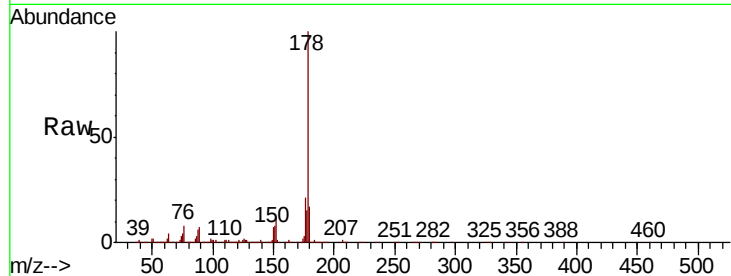




#71
Phenanthrene
Concen: 52.815 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

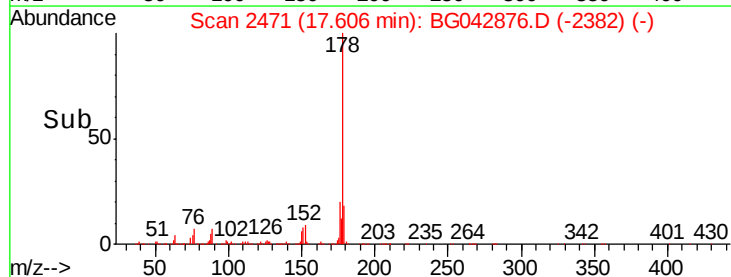
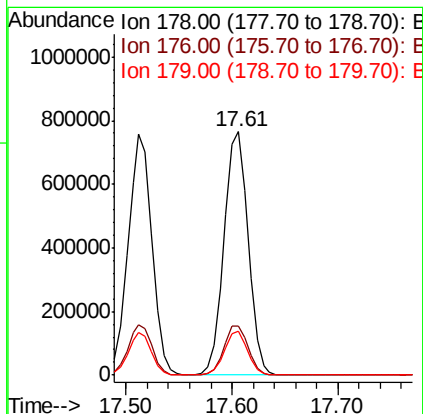
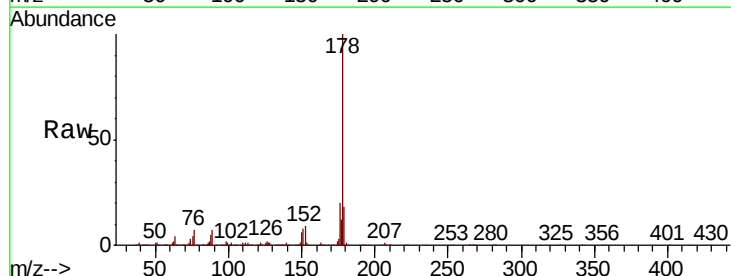
Instrument :
BNA_G
ClientSampleId :
SB-12MSD

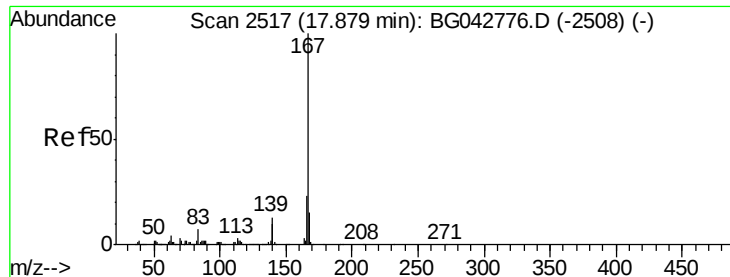
Tot Ion:178 Resp: 1194793
Ion Ratio Lower Upper
178 100
176 21.1 17.0 25.4
179 17.5 13.6 20.4



#72
Anthracene
Concen: 53.607 ng
RT: 17.61 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion:178 Resp: 1211582
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 18.1 13.6 20.4





#73

Carbazole

Concen: 50.686 ng

RT: 17.88 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

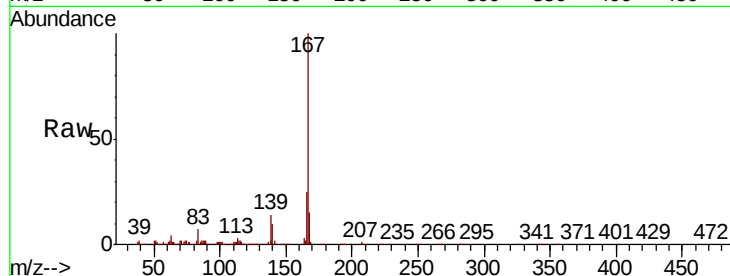
Tot Ion:167 Resp: 1088808

Ion Ratio Lower Upper

167 100

166 25.2 18.3 27.5

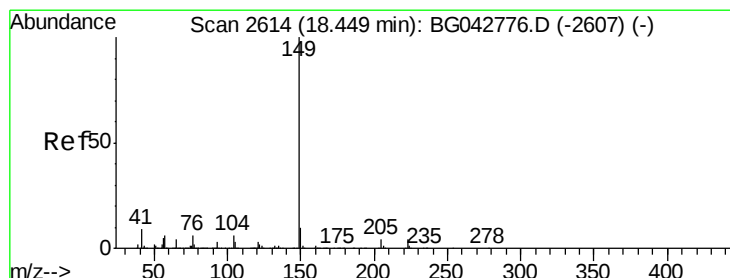
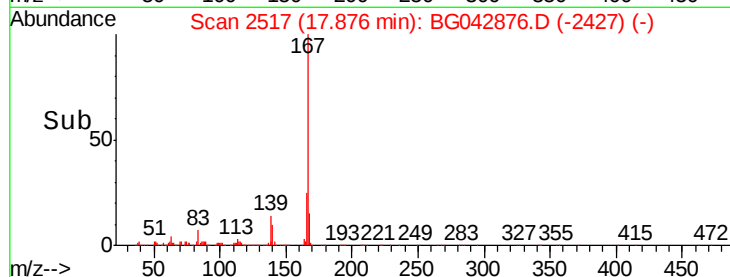
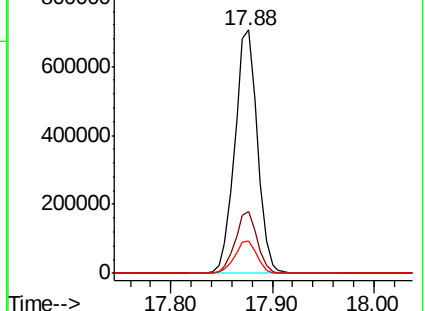
139 13.5 10.2 15.4



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: 46.384 ng

RT: 18.44 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

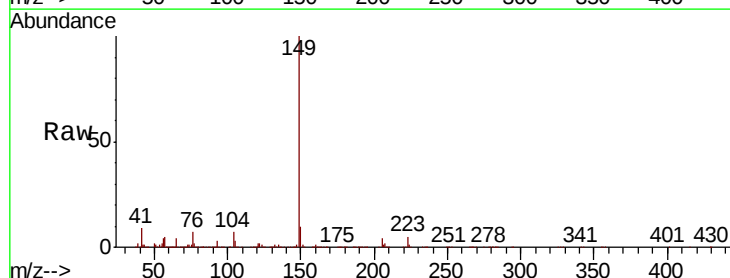
Tgt Ion:149 Resp: 1193579

Ion Ratio Lower Upper

149 100

150 10.0 8.0 12.0

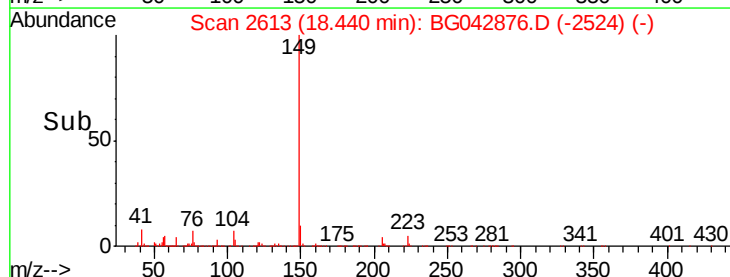
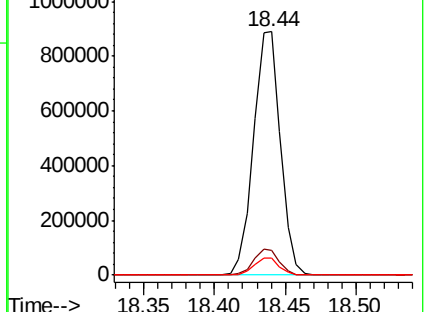
104 6.8 5.1 7.7

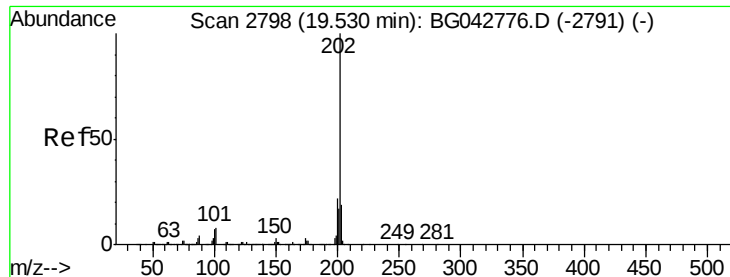


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.116 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

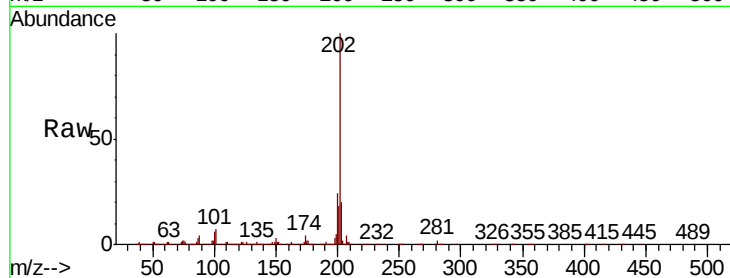
Tot Ion:202 Resp: 1440041

Ion Ratio Lower Upper

202 100

101 7.3 0.0 27.8

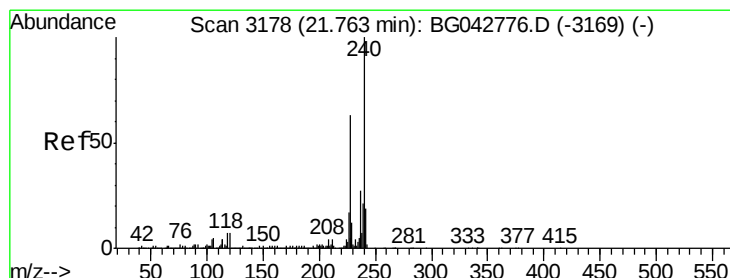
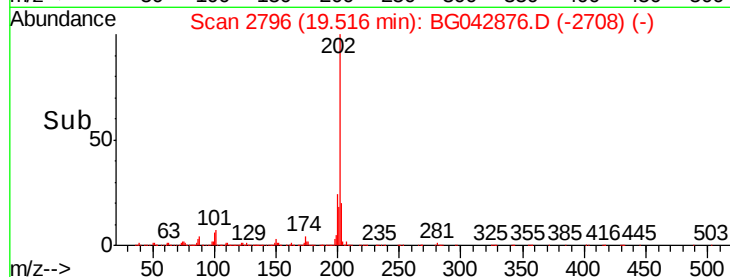
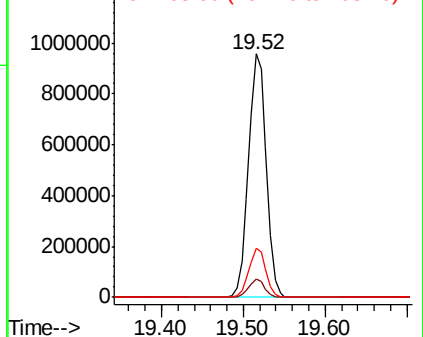
203 20.3 0.0 39.1



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: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

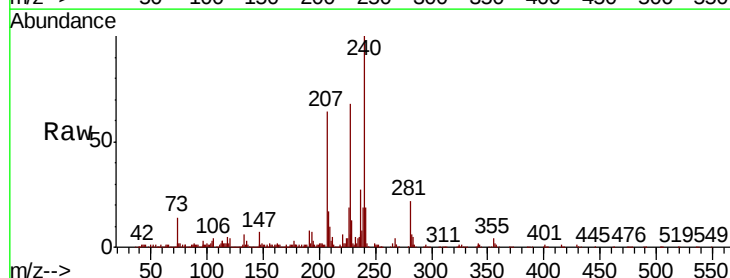
Tgt Ion:240 Resp: 368966

Ion Ratio Lower Upper

240 100

120 4.3 5.4 8.2#

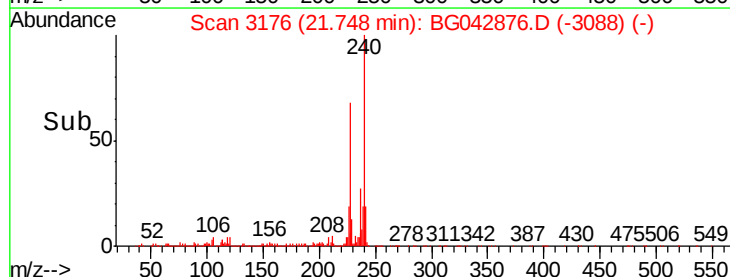
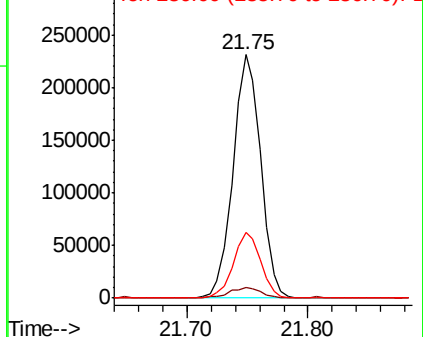
236 27.1 21.7 32.5

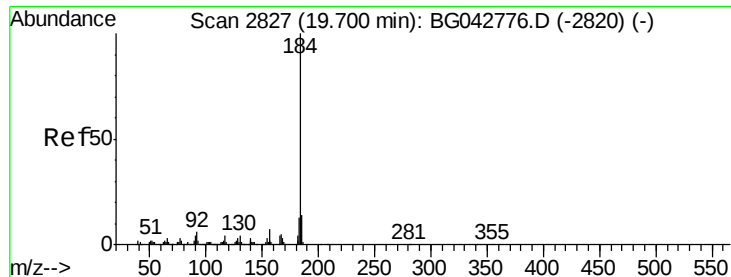


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.451 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

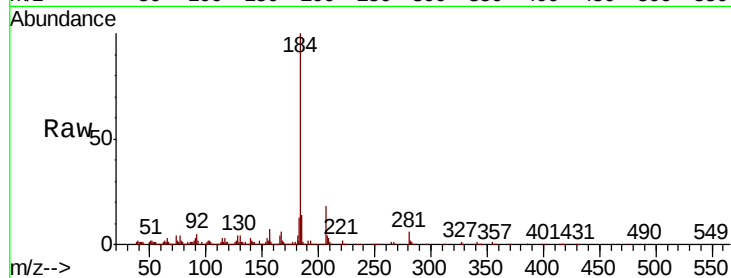
Tot Ion:184 Resp: 437606

Ion Ratio Lower Upper

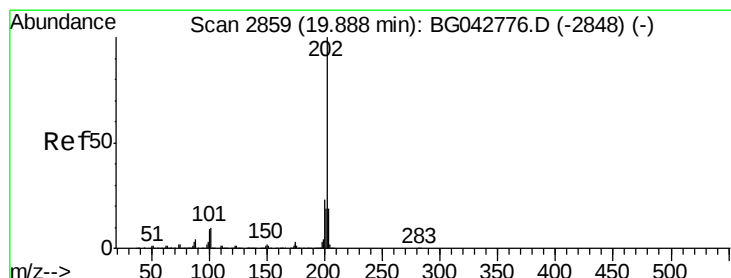
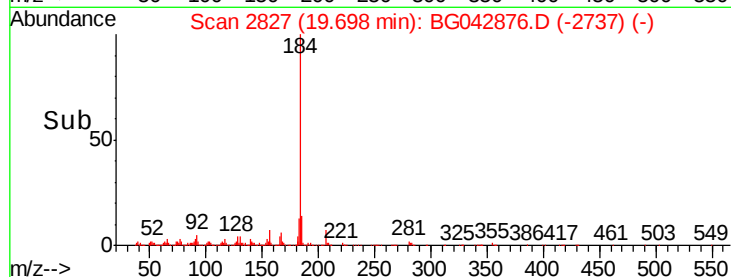
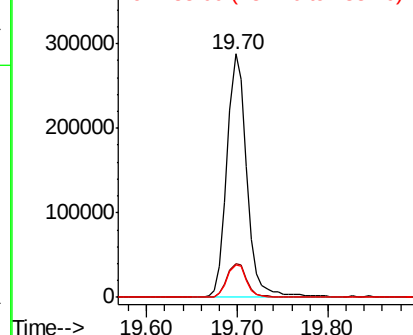
184 100

185 13.9 11.6 17.4

183 13.1 10.4 15.6



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: 61.444 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

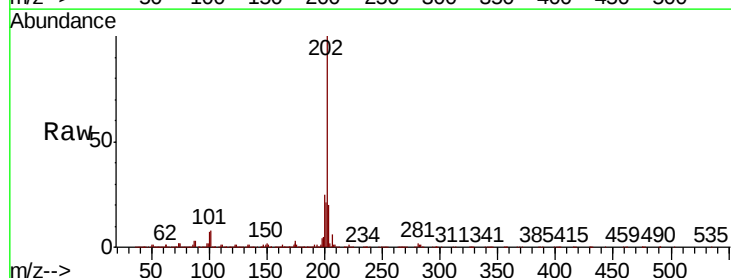
Tgt Ion:202 Resp: 1419345

Ion Ratio Lower Upper

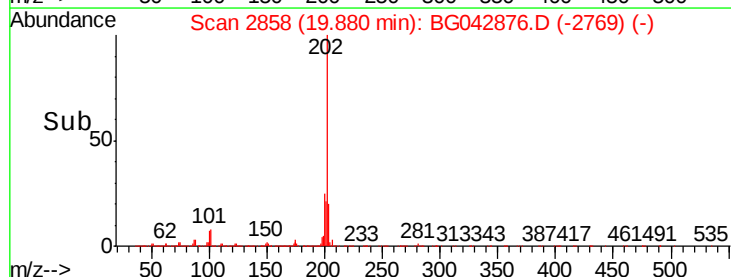
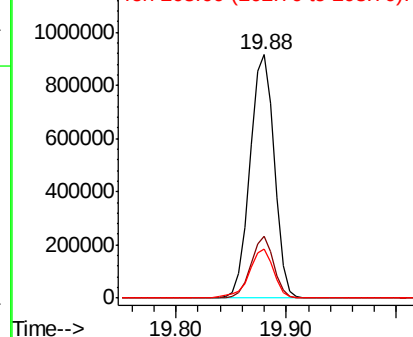
202 100

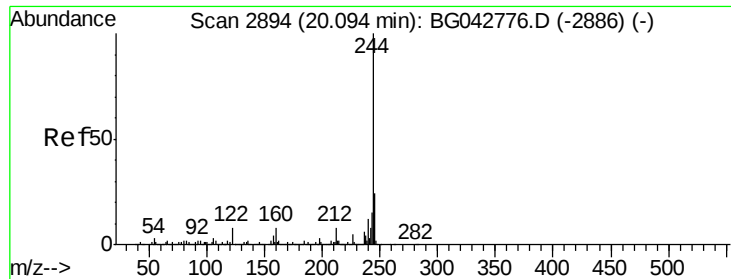
200 25.4 18.5 27.7

203 20.1 15.3 22.9



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: 109.107 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

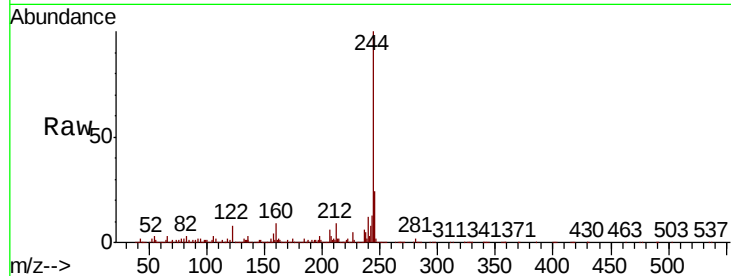
Tot Ion:244 Resp: 1816418

Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

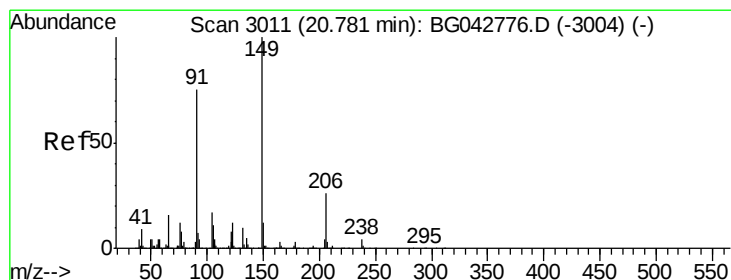
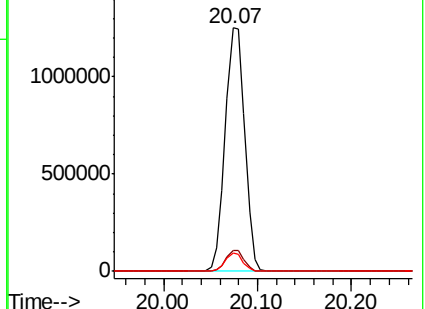
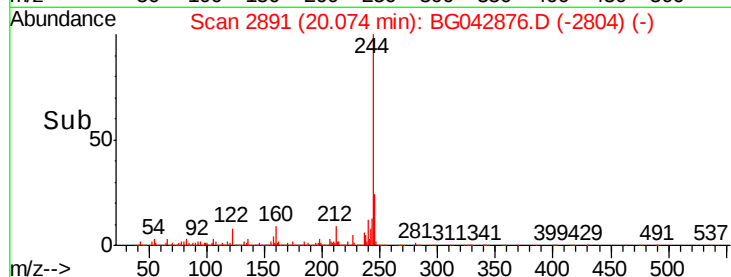
122 7.6 6.2 9.4



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: 51.384 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

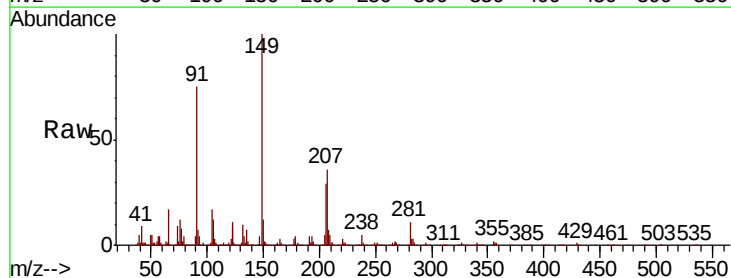
Tgt Ion:149 Resp: 480370

Ion Ratio Lower Upper

149 100

91 75.2 60.2 90.2

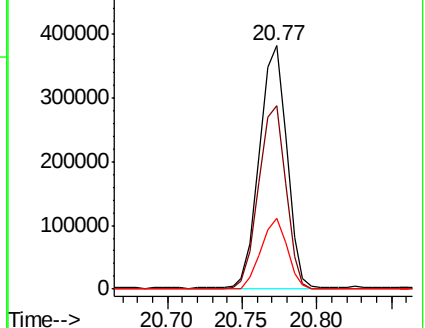
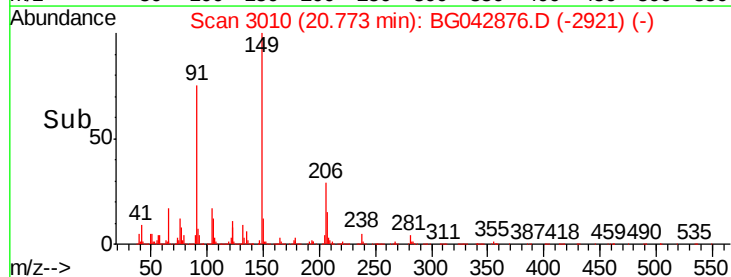
206 29.0 20.6 30.8

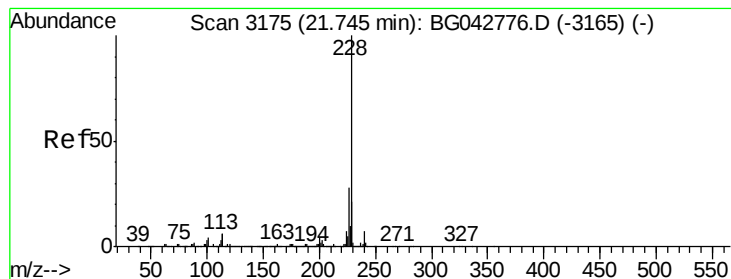


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.311 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

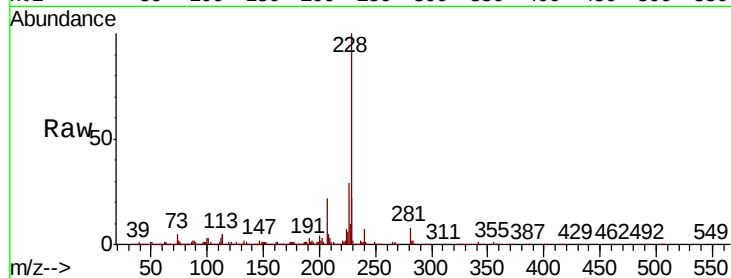
BNA_G

ClientSampleId :

SB-12MSD

Tot Ion:228 Resp: 1227197

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.5	33.7
229	21.7	17.2	25.8

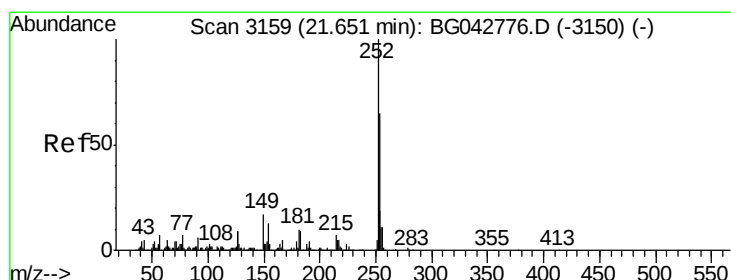
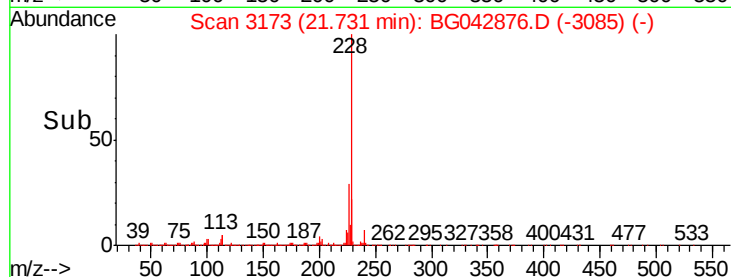
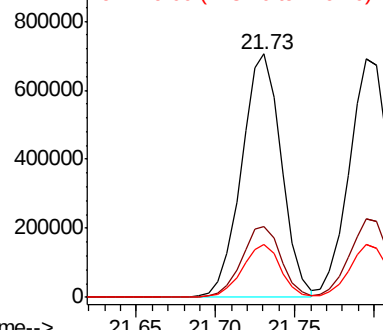


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 24.221 ng

RT: 21.64 min Scan# 3158

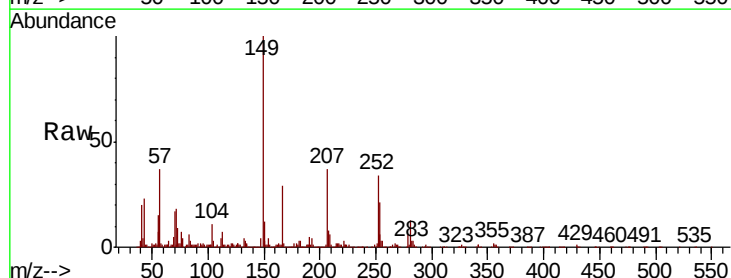
Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Tgt Ion:252 Resp: 220817

Ion	Ratio	Lower	Upper
252	100		
254	62.4	52.2	78.2
126	7.0	7.0	10.4

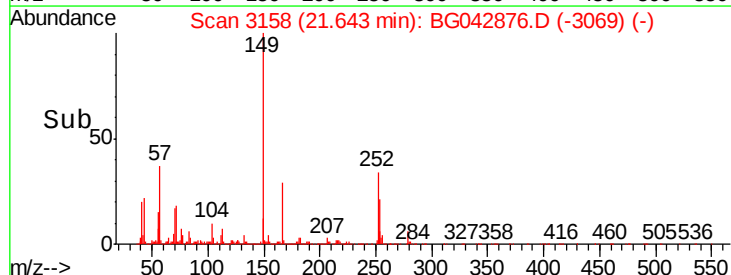
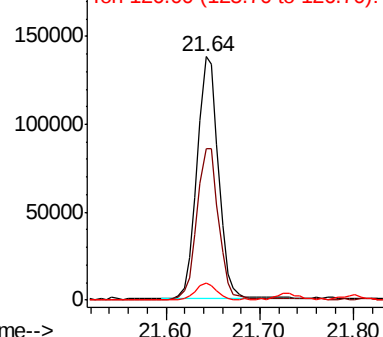


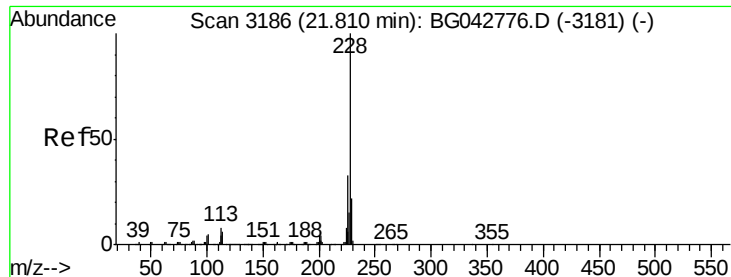
Abundance

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: 53.571 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

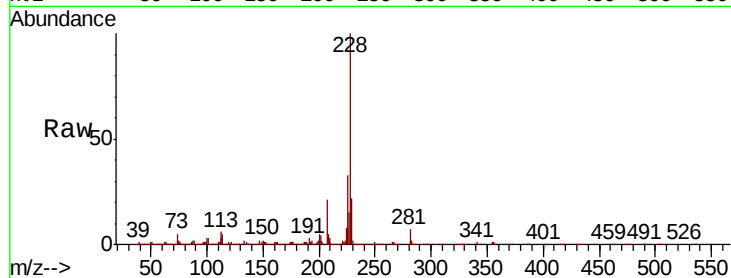
Tot Ion:228 Resp: 1190411

Ion Ratio Lower Upper

228 100

226 33.0 26.0 39.0

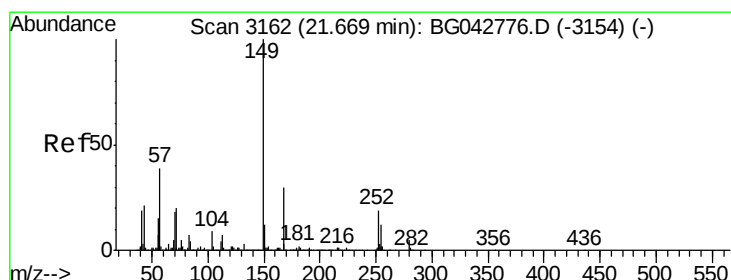
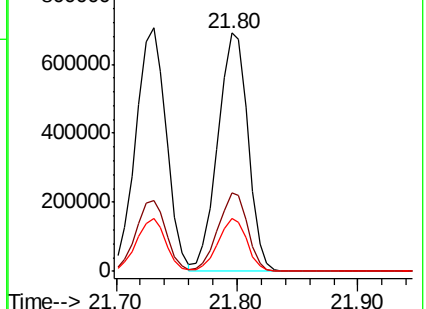
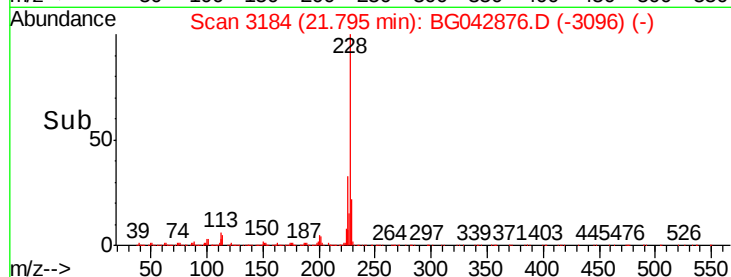
229 22.0 17.1 25.7



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: 47.746 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

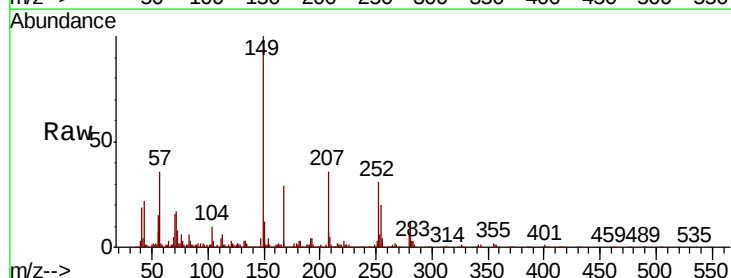
Tgt Ion:149 Resp: 609894

Ion Ratio Lower Upper

149 100

167 29.5 24.3 36.5

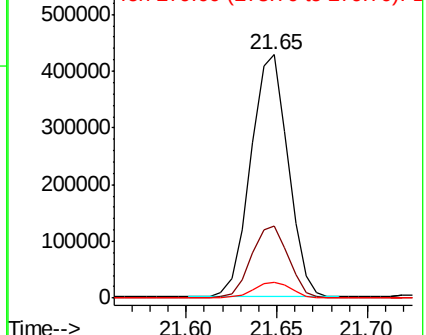
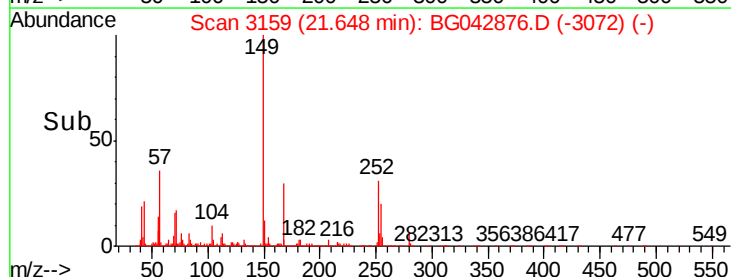
279 6.5 4.2 6.4#

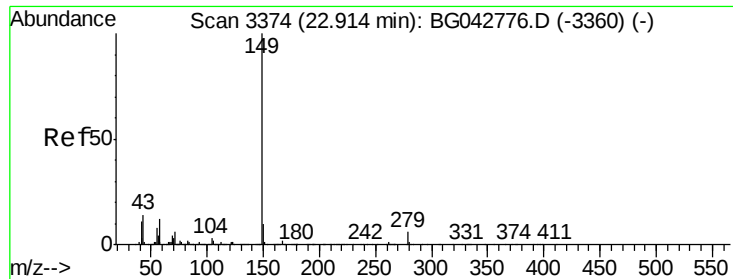


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

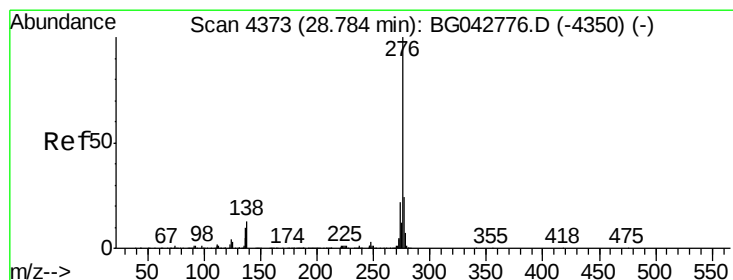
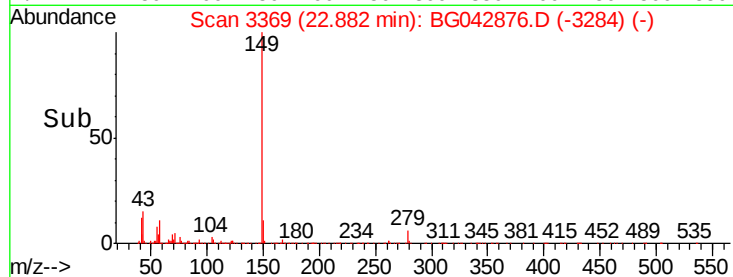
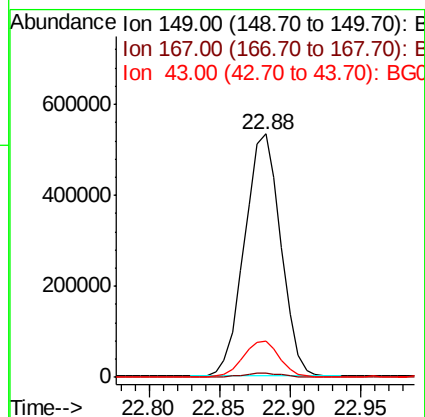
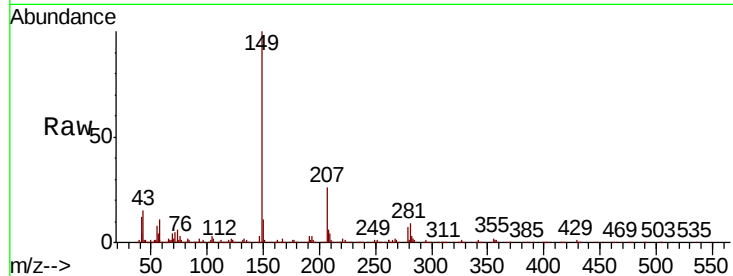




#85
Di-n-octyl phthalate
Concen: 44.079 ng
RT: 22.88 min Scan# 3369
Delta R.T. -0.03 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

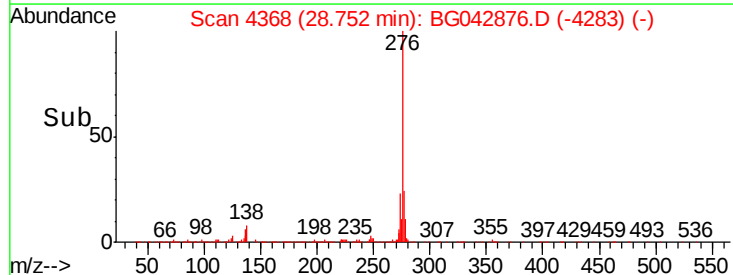
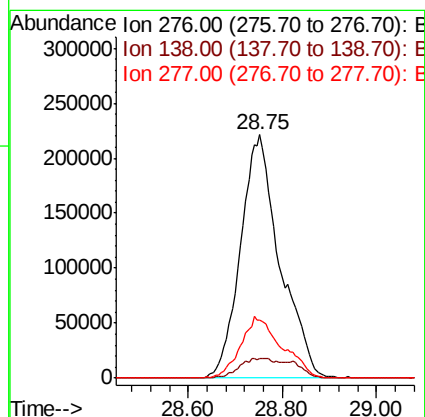
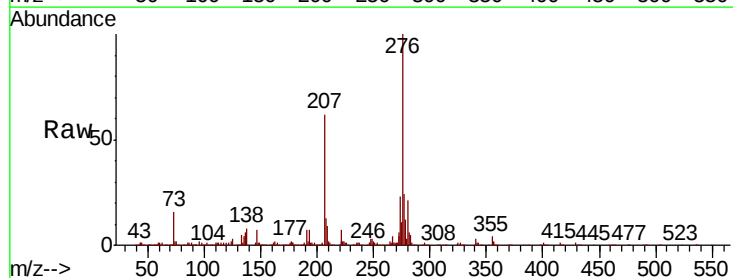
Instrument :
BNA_G
ClientSampleId :
SB-12MSD

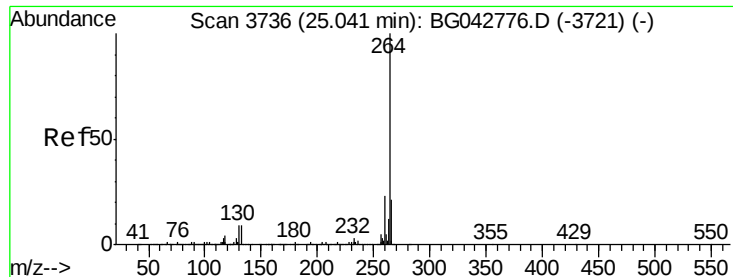
Tot Ion:149 Resp: 959874
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 14.6 10.6 15.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.661 ng
RT: 28.75 min Scan# 4368
Delta R.T. -0.03 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion:276 Resp: 1284038
Ion Ratio Lower Upper
276 100
138 4.0 9.3 13.9#
277 26.5 17.2 25.8#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.03 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

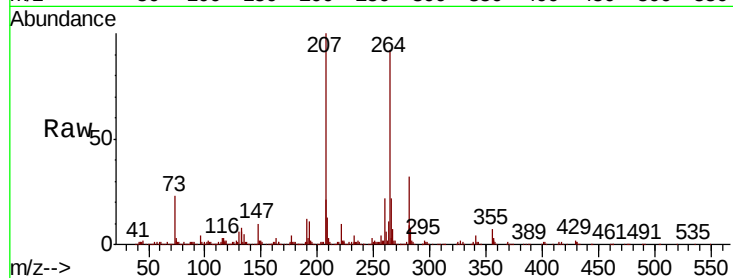
BNA_G

ClientSampleId :

SB-12MSD

Tot Ion:264 Resp: 388752

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	24.4	16.9	25.3

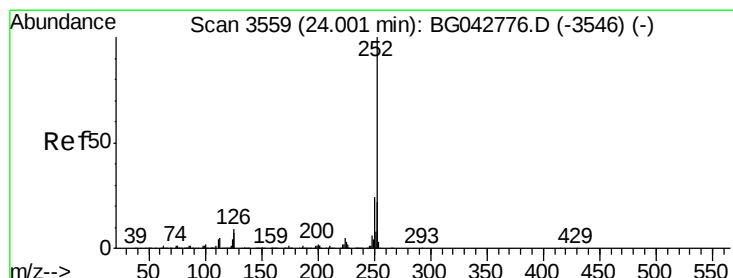
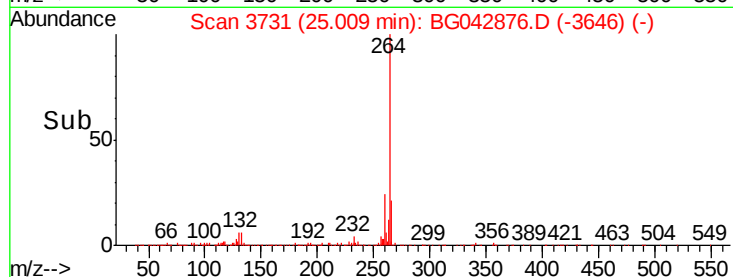
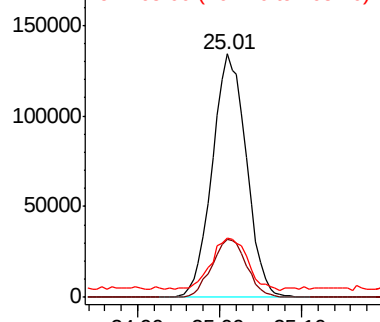


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.448 ng

RT: 23.98 min Scan# 3556

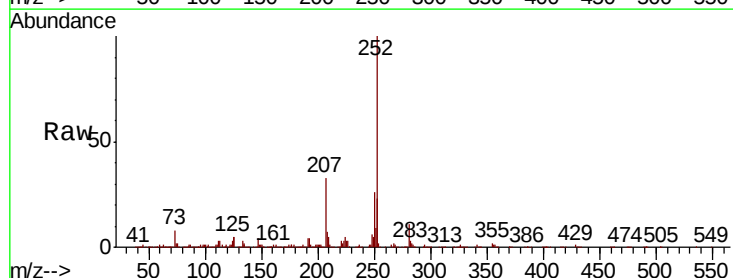
Delta R.T. -0.02 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Tgt Ion:252 Resp: 1197221

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	4.7	5.6	8.4#

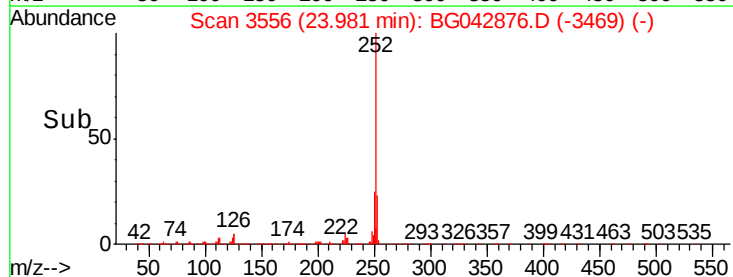
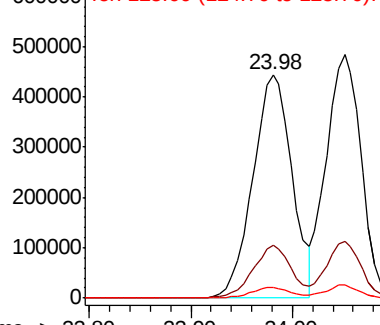


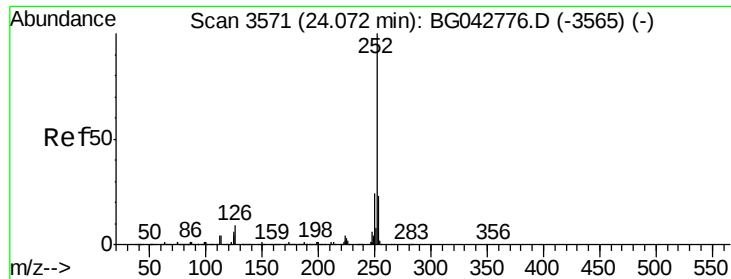
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 53.142 ng

RT: 24.05 min Scan# 3568

Delta R.T. -0.02 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

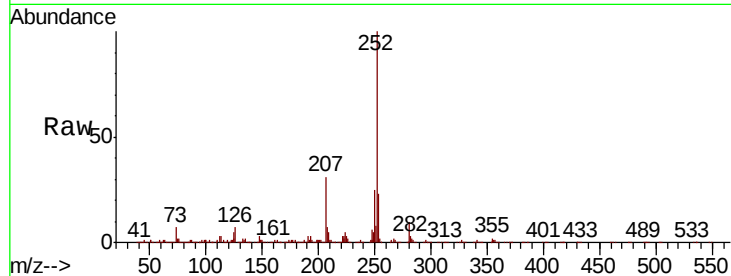
Tot Ion:252 Resp: 1145886

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.4

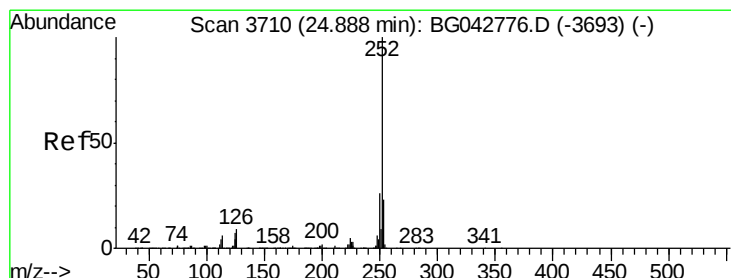
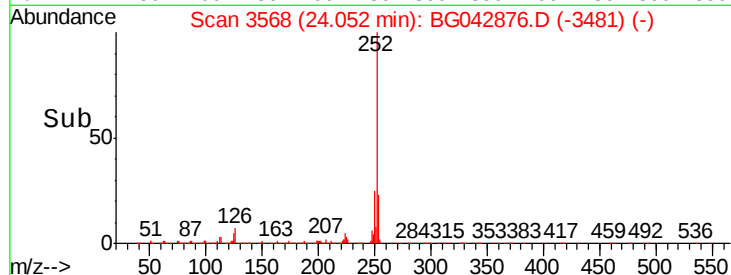
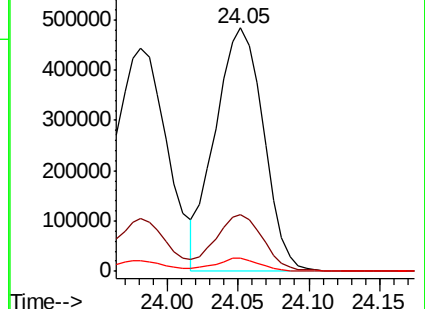
125 5.3 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 54.049 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

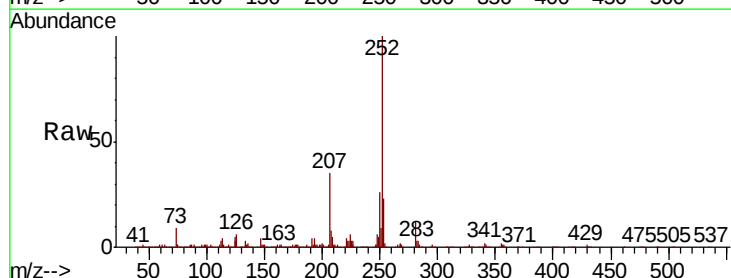
Tgt Ion:252 Resp: 1155244

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

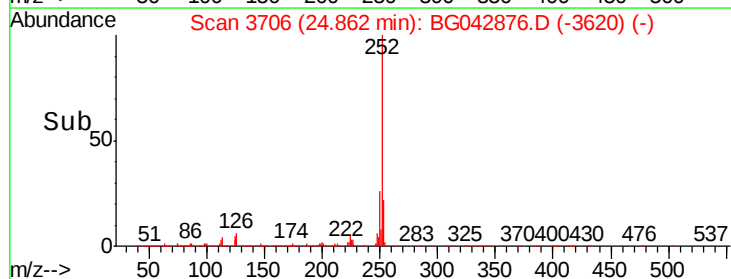
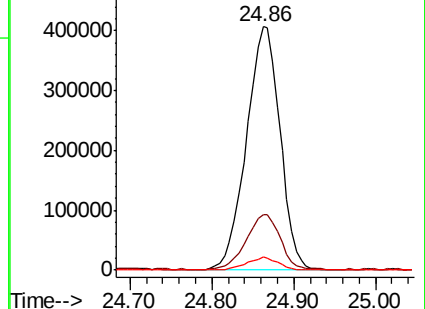
125 5.3 5.7 8.5#

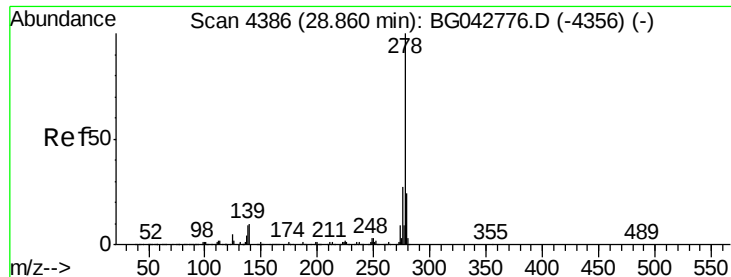


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

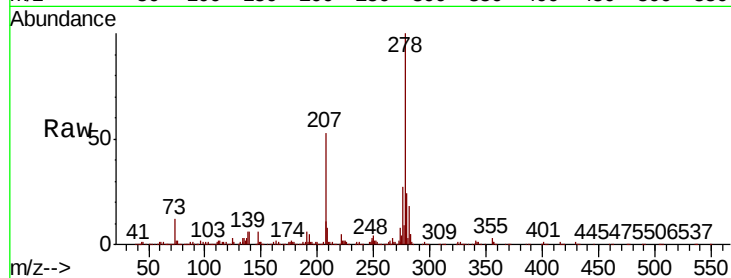




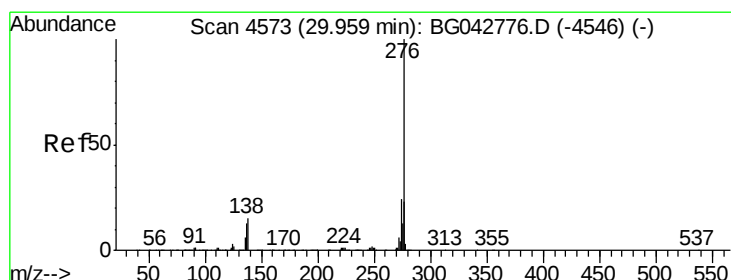
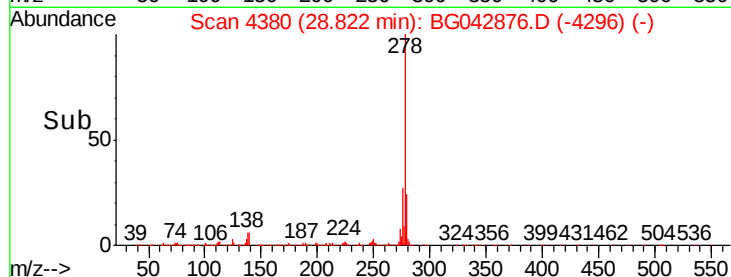
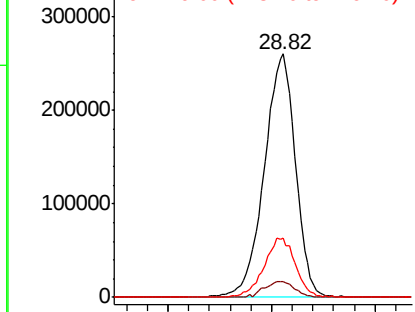
#91
Dibenzo(a,h)anthracene
Concen: 51.763 ng
RT: 28.82 min Scan# 4380
Delta R.T. -0.04 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion:278 Resp: 1088181
Ion Ratio Lower Upper
278 100
139 6.3 8.2 12.2#
279 24.4 19.4 29.2

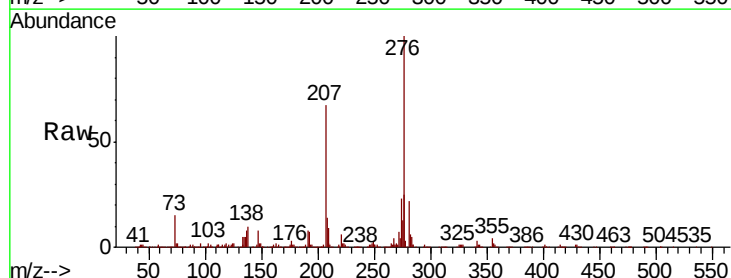


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 53.747 ng
RT: 29.92 min Scan# 4566
Delta R.T. -0.04 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion:276 Resp: 1102101
Ion Ratio Lower Upper
276 100
277 25.0 18.4 27.6
138 10.0 11.8 17.8#



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

