

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
 Data File : BG041007.D
 Acq On : 1 Jun 2019 11:43
 Operator : HP/JU
 Sample : PB120101BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

Quant Time: Jun 03 01:10:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	21686	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	81774	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	58210	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	152604	20.00	ng	0.00
76) Chrysene-d12	21.78	240	153101	20.00	ng	0.00
87) Perylene-d12	25.11	264	160088	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	208361	173.25	ng	0.00
7) Phenol-d6	7.27	99	298486	160.71	ng	0.00
23) Nitrobenzene-d5	9.30	82	178736	97.03	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	146416	169.43	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	403836	99.91	ng	-0.01
79) Terphenyl-d14	20.09	244	773463	107.22	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	48292	88.491	ng	95
3) Pyridine	3.92	79	126529	78.356	ng	98
4) n-Nitrosodimethylamine	3.85	42	67324	89.832	ng	# 92
6) Aniline	7.44	93	136304	54.980	ng	99
8) 2-Chlorophenol	7.68	128	135164	94.272	ng	96
9) Benzaldehyde	7.25	77	60411	54.525	ng	91
10) Phenol	7.29	94	181949	91.365	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	125784	87.066	ng	96
12) 1,3-Dichlorobenzene	8.01	146	148119	86.496	ng	97
13) 1,4-Dichlorobenzene	8.16	146	149756	86.396	ng	96
14) 1,2-Dichlorobenzene	8.48	146	143530	85.282	ng	97
15) Benzyl Alcohol	8.36	79	150696	87.710	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	197683	83.739	ng	100
17) 2-Methylphenol	8.55	107	126795	87.936	ng	99
18) Hexachloroethane	9.20	117	58100	86.967	ng	96
19) n-Nitroso-di-n-propylamine	8.92	70	117985	82.546	ng	95
20) 3+4-Methylphenols	8.88	107	170148	85.189	ng	95
22) Acetophenone	8.95	105	219736	95.791	ng	# 99
24) Nitrobenzene	9.34	77	184742	98.415	ng	98
25) Isophorone	9.86	82	337571	96.297	ng	99
26) 2-Nitrophenol	10.05	139	79825	103.151	ng	90
27) 2,4-Dimethylphenol	10.09	122	137939	107.926	ng	93
28) bis(2-Chloroethoxy)methane	10.34	93	173955	91.942	ng	97
29) 2,4-Dichlorophenol	10.58	162	156764	96.588	ng	95
30) 1,2,4-Trichlorobenzene	10.80	180	170746	92.479	ng	97
31) Naphthalene	11.00	128	424899	96.776	ng	99
32) Benzoic acid	10.22	122	83152	77.629	ng	96
33) 4-Chloroaniline	11.10	127	99480	48.833	ng	98
34) Hexachlorobutadiene	11.25	225	129533	91.690	ng	100
35) Caprolactam	11.88	113	49456	92.275	ng	# 88
36) 4-Chloro-3-methylphenol	12.20	107	173836	93.783	ng	92
37) 2-Methylnaphthalene	12.59	142	317061	93.763	ng	99
38) 1-Methylnaphthalene	12.59	142	317061	99.501	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	232973	99.299	ng	99

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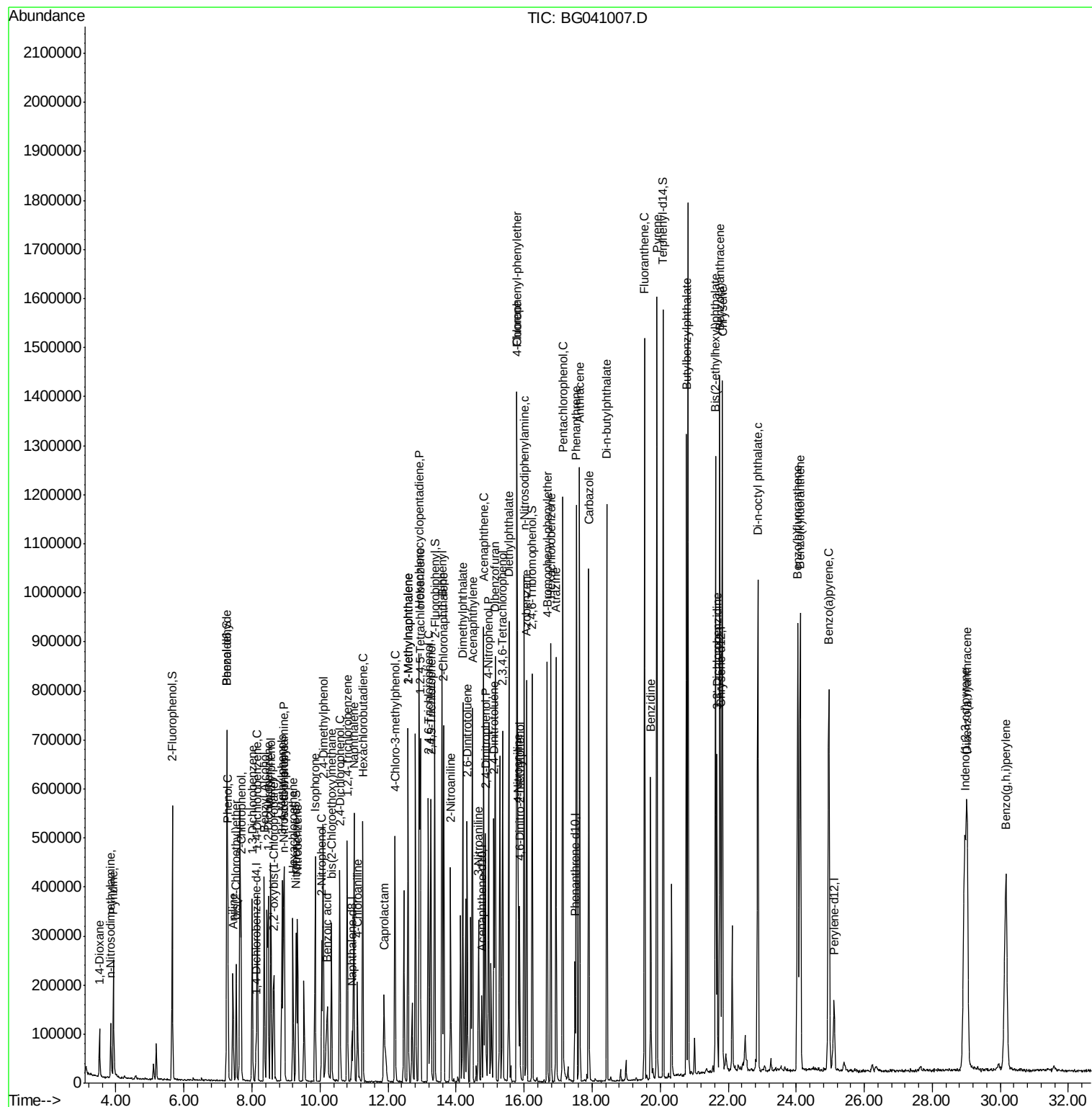
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	279096	206.752	nq	94
43) 2,4,6-Trichlorophenol	13.19	196	147810	97.386	nq	99
44) 2,4,5-Trichlorophenol	13.26	196	161622	100.970	nq	97
46) 1,1'-Biphenyl	13.59	154	429989	99.793	nq	100
47) 2-Chloronaphthalene	13.63	162	353410	95.541	nq	97
48) 2-Nitroaniline	13.84	65	129833	97.837	nq	99
49) Acenaphthylene	14.48	152	551050	98.980	nq	99
50) Dimethylphthalate	14.20	163	463859	94.137	nq	99
51) 2,6-Dinitrotoluene	14.33	165	101783	95.804	nq	91
52) Acenaphthene	14.82	154	327381	97.070	nq	96
53) 3-Nitroaniline	14.66	138	72318	68.072	nq	99
54) 2,4-Dinitrophenol	14.86	184	111628	149.164	nq	93
55) Dibenzofuran	15.15	168	558579	98.429	nq	96
56) 4-Nitrophenol	14.96	139	163825	224.820	nq	96
57) 2,4-Dinitrotoluene	15.11	165	151123	100.699	nq	# 97
58) Fluorene	15.80	166	442117	97.825	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	165314	105.089	nq	99
60) Diethylphthalate	15.55	149	477427	94.941	nq	100
61) 4-Chlorophenyl-phenylether	15.78	204	276987	94.291	nq	99
62) 4-Nitroaniline	15.83	138	104346	92.776	nq	96
63) Azobenzene	16.07	77	452356	98.973	nq	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	82006	90.927	nq	95
66) n-Nitrosodiphenylamine	16.00	169	404259	94.236	nq	97
67) 4-Bromophenyl-phenylether	16.68	248	182271	88.505	nq	98
68) Hexachlorobenzene	16.79	284	192230	87.657	nq	100
69) Atrazine	16.94	200	176553	106.661	nq	98
70) Pentachlorophenol	17.14	266	229180	188.960	nq	98
71) Phenanthrene	17.54	178	764489	96.175	nq	99
72) Anthracene	17.63	178	790965	100.891	nq	99
73) Carbazole	17.90	167	679316	100.986	nq	99
74) Di-n-butylphthalate	18.43	149	797460	95.383	nq	99
75) Fluoranthene	19.54	202	1004733	102.333	nq	99
77) Benzidine	19.72	184	356302	97.556	nq	98
78) Pyrene	19.90	202	1001098	100.587	nq	99
80) Butylbenzylphthalate	20.77	149	379878	98.081	nq	99
81) Benzo(a)anthracene	21.75	228	967928	94.975	nq	100
82) 3,3'-Dichlorobenzidine	21.67	252	241869	67.476	nq	100
83) Chrysene	21.82	228	955195	97.941	nq	97
84) Bis(2-ethylhexyl)phthalate	21.62	149	514718	94.405	nq	98
85) Di-n-octyl phthalate	22.87	149	877607	96.648	nq	100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1138358	95.285	nq	# 99
88) Benzo(b)fluoranthene	24.05	252	989367	101.893	nq	100
89) Benzo(k)fluoranthene	24.12	252	950551	98.927	nq	99
90) Benzo(a)pyrene	24.96	252	956176	103.215	nq	97
91) Dibenzo(a,h)anthracene	29.02	278	933644	100.862	nq	99
92) Benzo(g,h,i)perylene	30.17	276	950613	105.705	nq	97

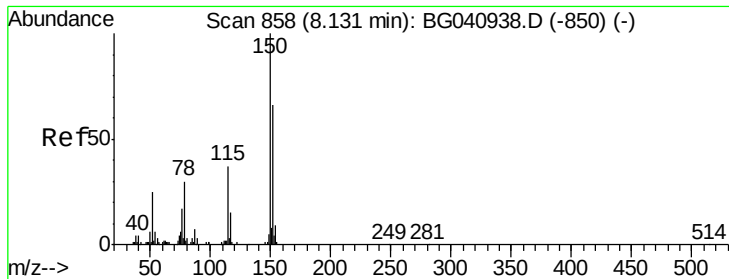
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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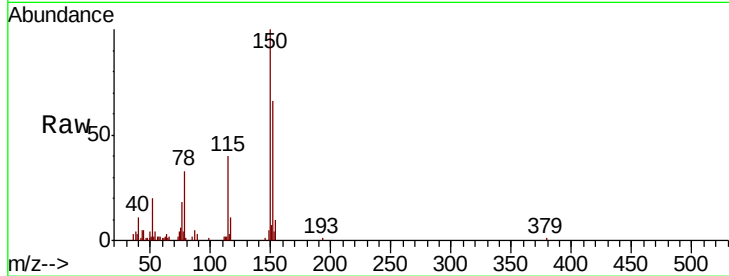


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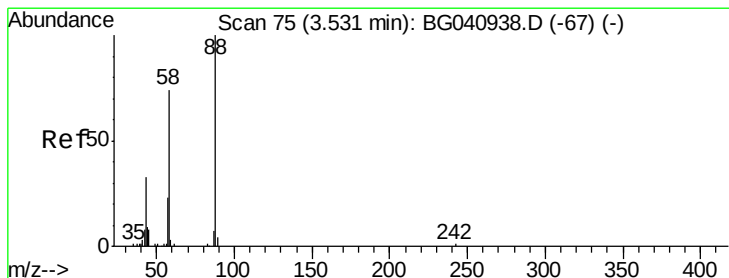
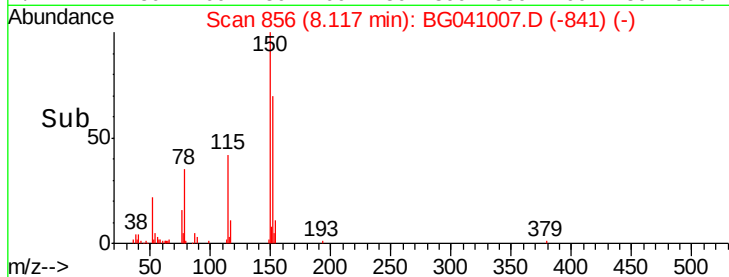
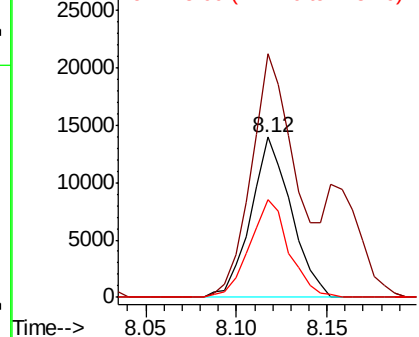
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion:152 Resp: 21686
Ion Ratio Lower Upper
152 100
150 152.0 120.6 180.8
115 60.7 45.1 67.7



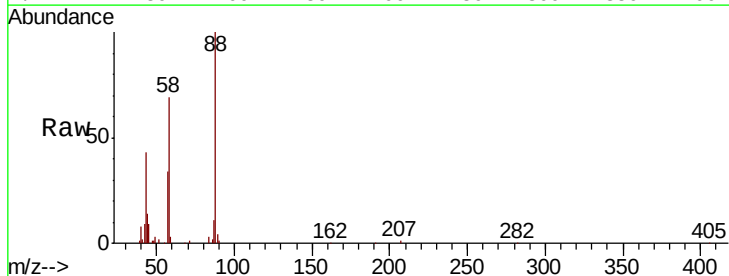
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



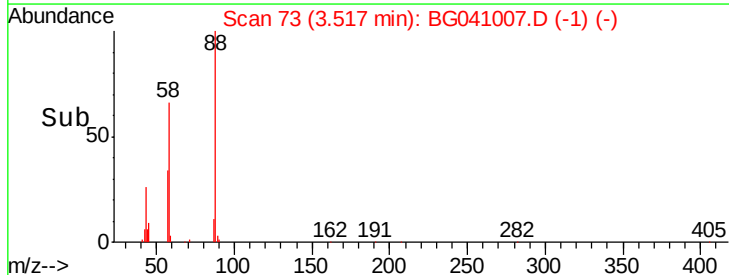
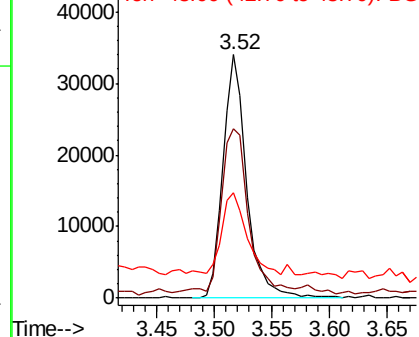
#2

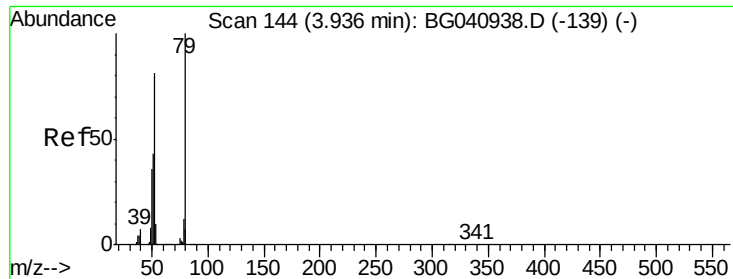
1,4-Dioxane
Concen: 88.491 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion: 88 Resp: 48292
Ion Ratio Lower Upper
88 100
58 79.6 59.0 88.6
43 34.9 27.2 40.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 78.356 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

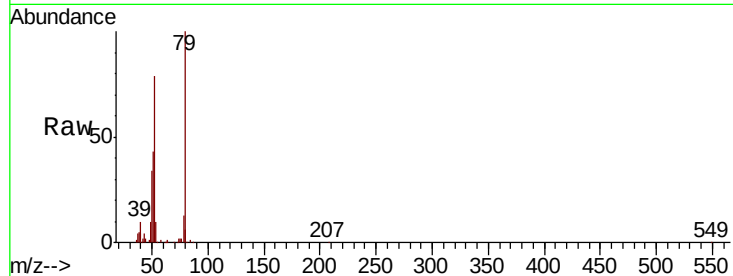
Tot Ion: 79 Resp: 126529

Ion Ratio Lower Upper

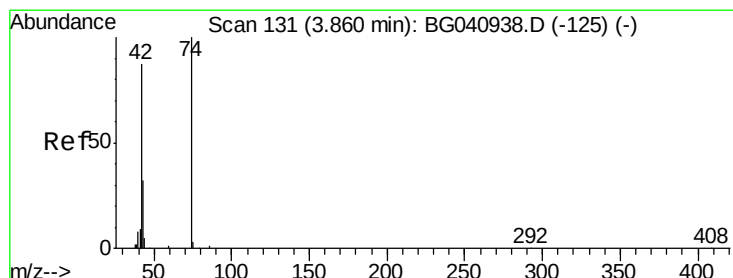
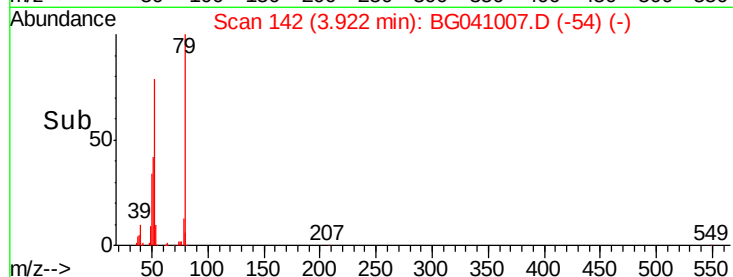
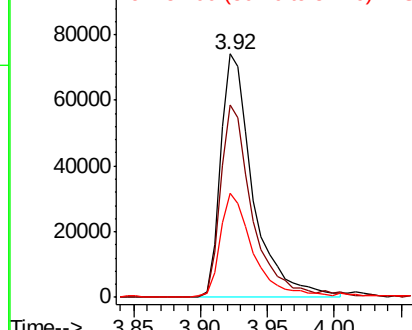
79 100

52 79.1 64.8 97.2

51 42.9 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 89.832 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

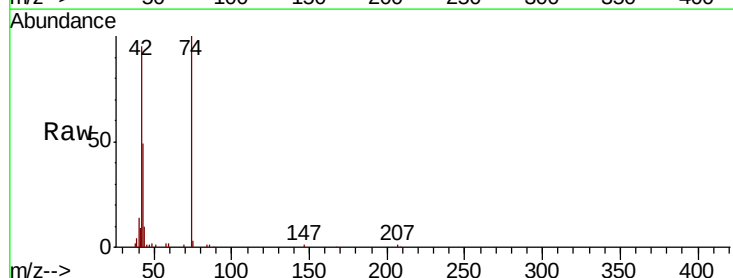
Tgt Ion: 42 Resp: 67324

Ion Ratio Lower Upper

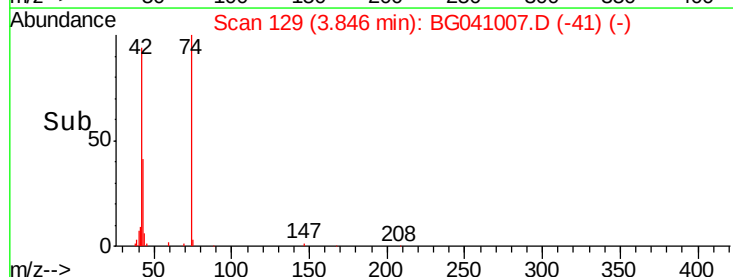
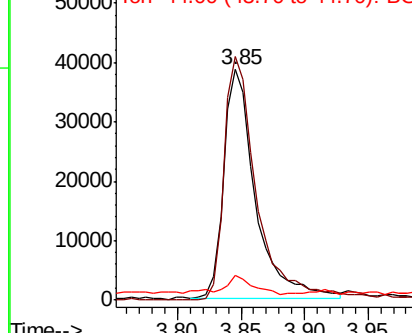
42 100

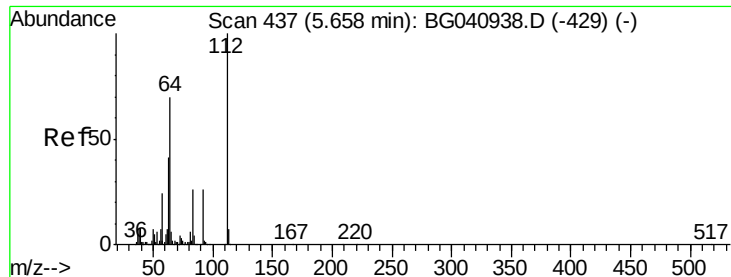
74 105.6 91.8 137.6

44 10.7 6.0 9.0#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 173.254 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

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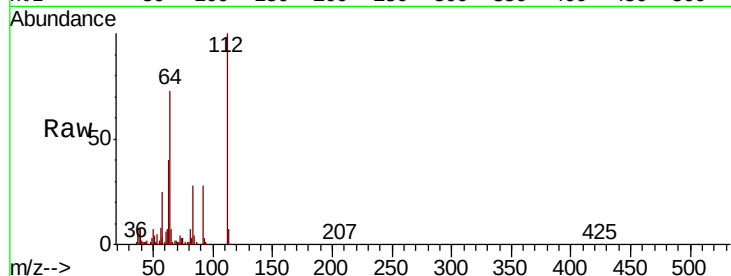
Tot Ion:112 Resp: 208361

Ion Ratio Lower Upper

112 100

64 72.8 56.2 84.2

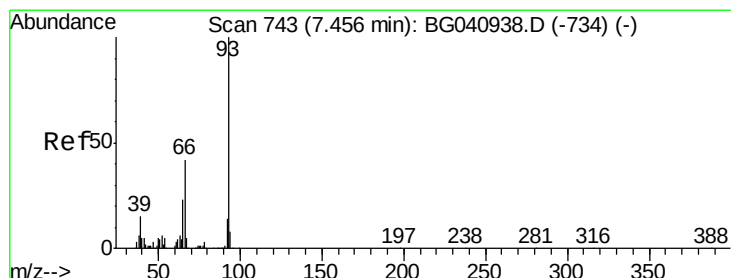
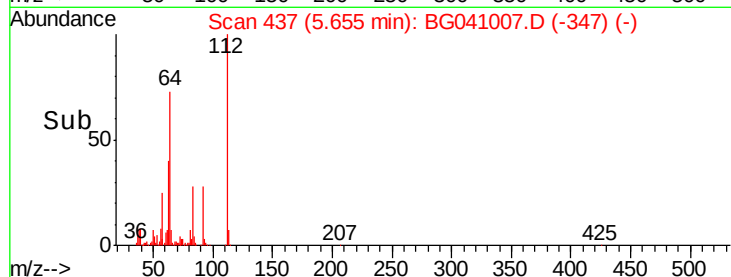
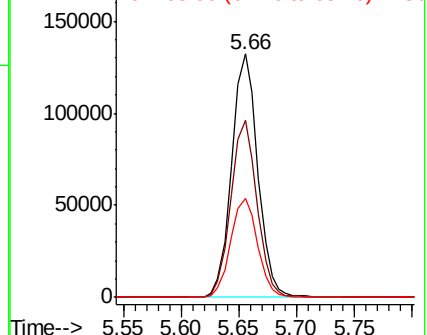
63 40.4 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 54.980 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

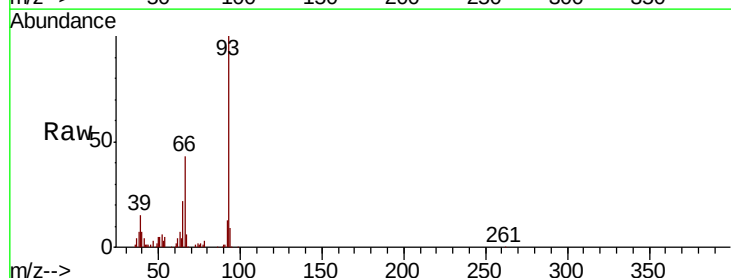
Tgt Ion: 93 Resp: 136304

Ion Ratio Lower Upper

93 100

66 42.7 33.8 50.8

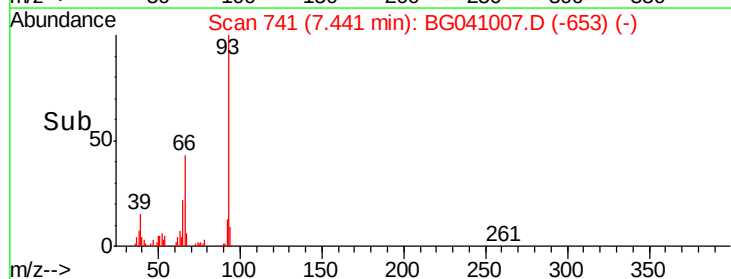
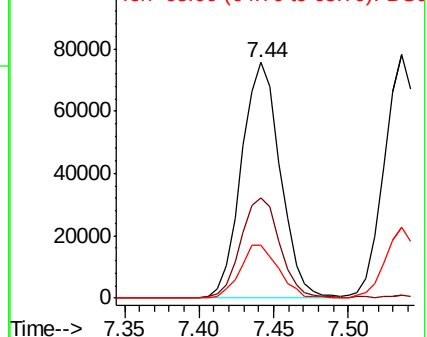
65 22.4 18.3 27.5

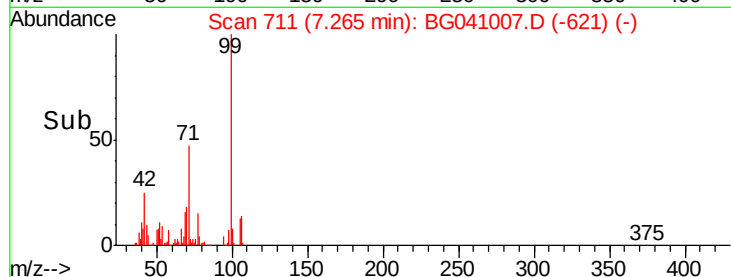
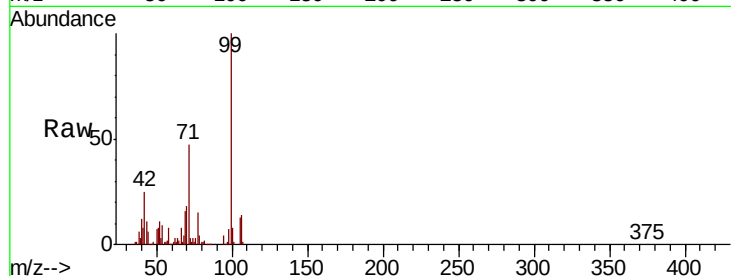
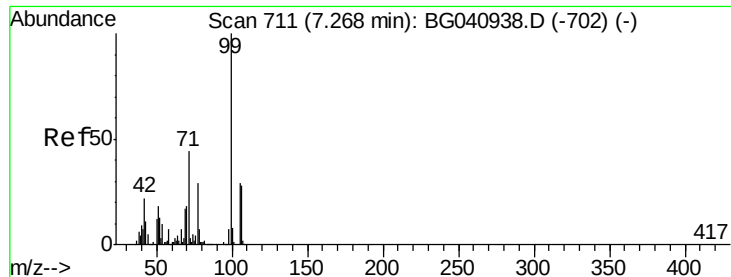


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 160.706 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

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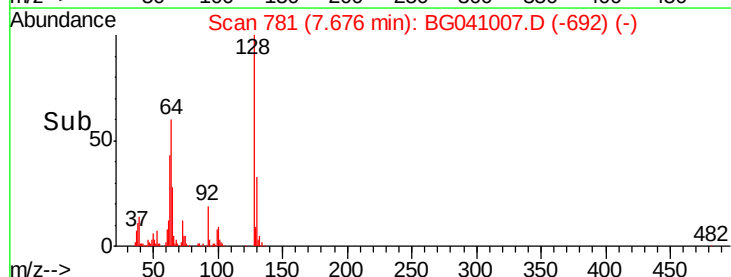
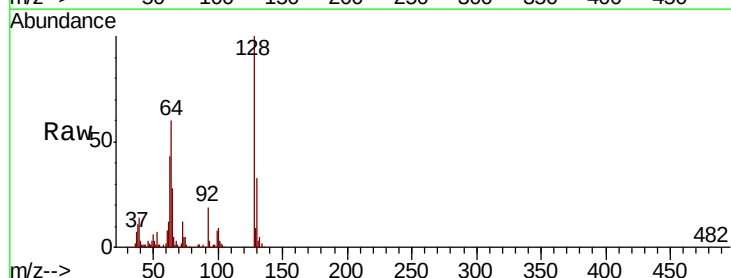
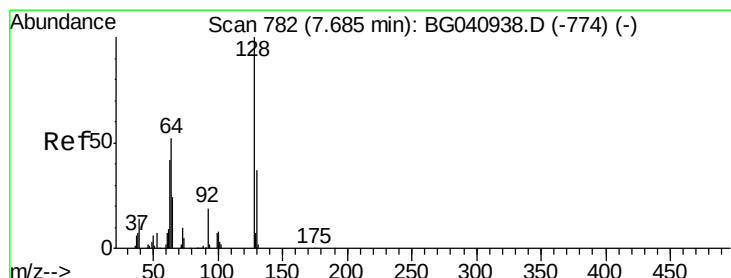
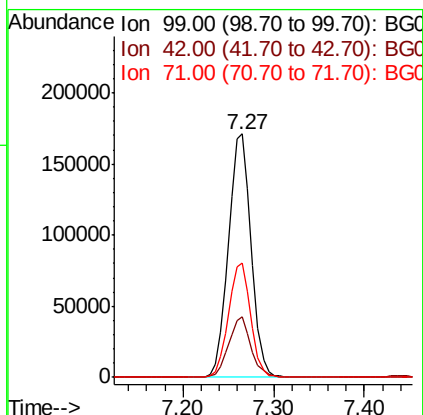
Tot Ion: 99 Resp: 298486

Ion Ratio Lower Upper

99 100

42 24.8 17.9 26.9

71 46.7 35.4 53.0



#8

2-Chlorophenol

Concen: 94.272 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

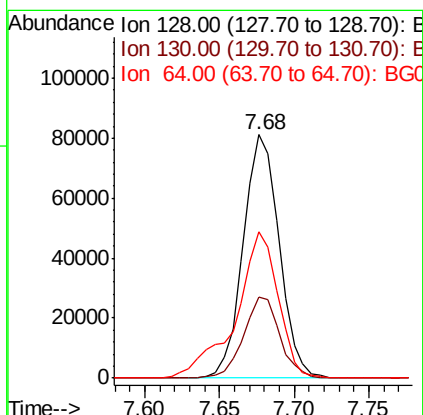
Tgt Ion:128 Resp: 135164

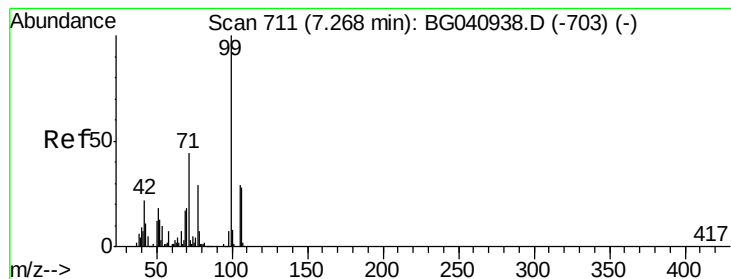
Ion Ratio Lower Upper

128 100

130 33.1 16.6 56.6

64 60.3 37.8 77.8





#9

Benzaldehyde

Concen: 54.525 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

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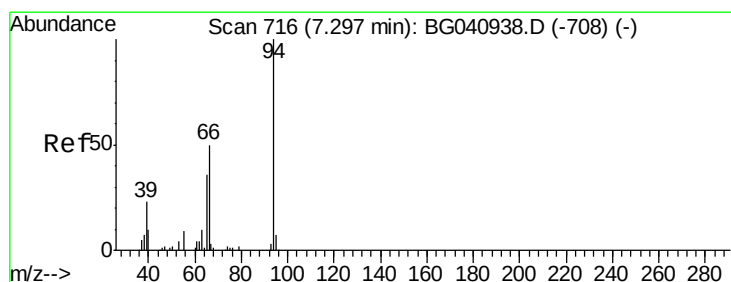
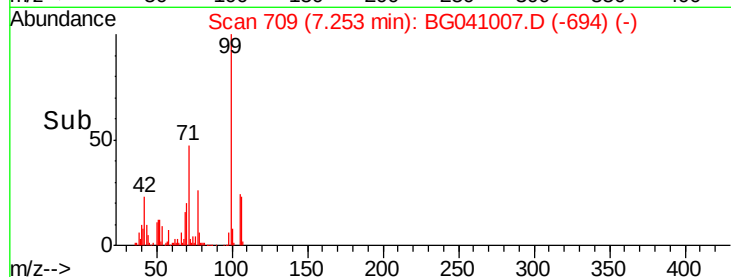
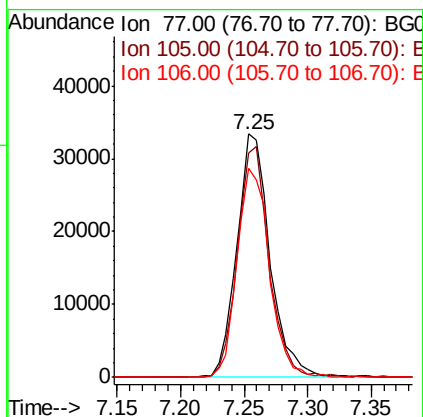
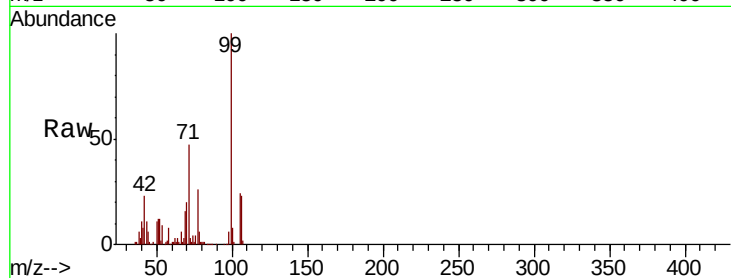
Tot Ion: 77 Resp: 60411

Ion Ratio Lower Upper

77 100

105 91.9 78.9 118.9

106 86.0 76.7 116.7



#10

Phenol

Concen: 91.365 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

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Acq: 1 Jun 2019 11:43

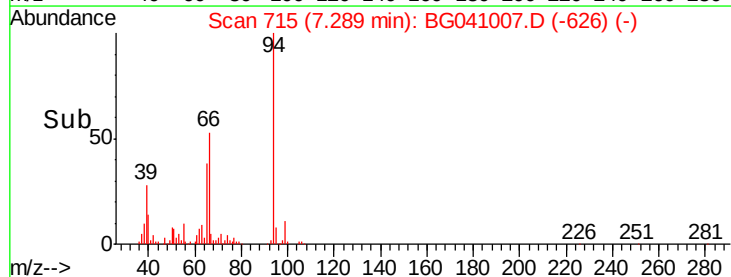
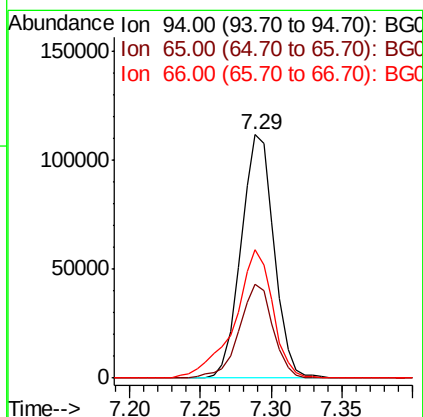
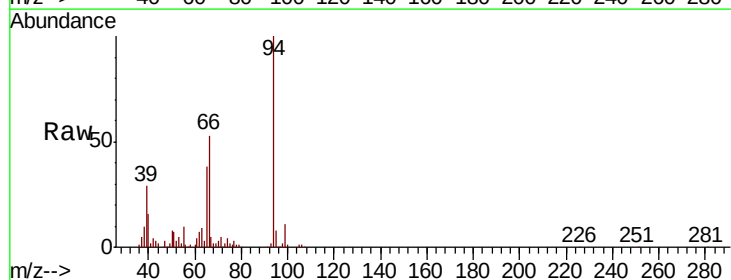
Tgt Ion: 94 Resp: 181949

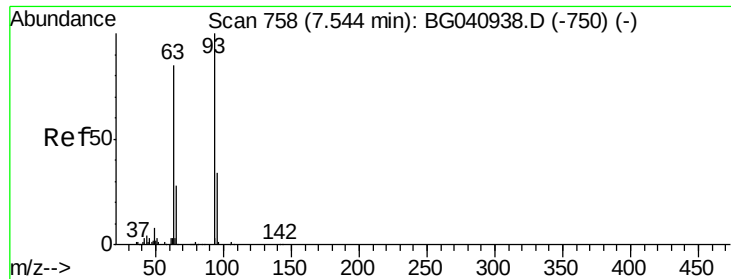
Ion Ratio Lower Upper

94 100

65 38.4 17.0 57.0

66 52.7 32.4 72.4

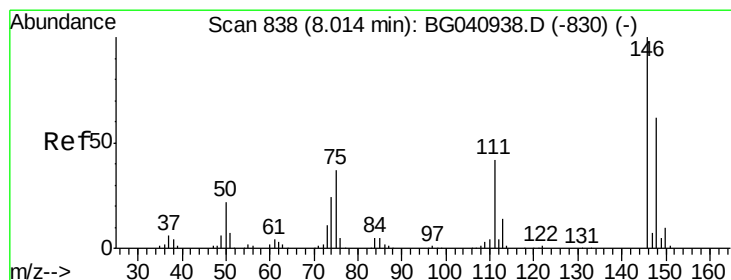
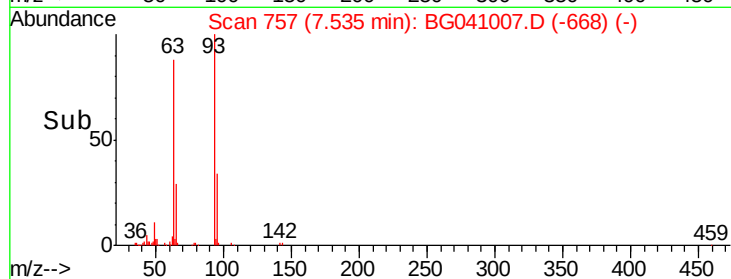
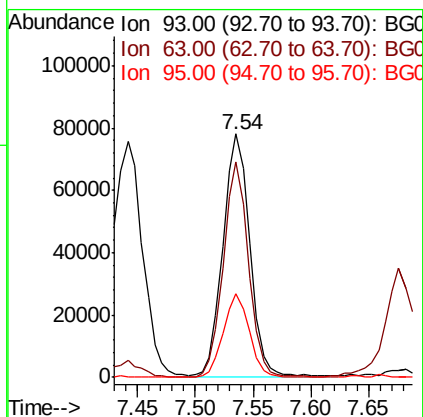
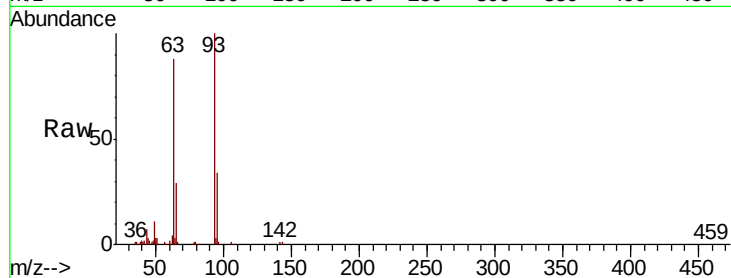




#11
bis(2-Chloroethyl)ether
Concen: 87.066 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

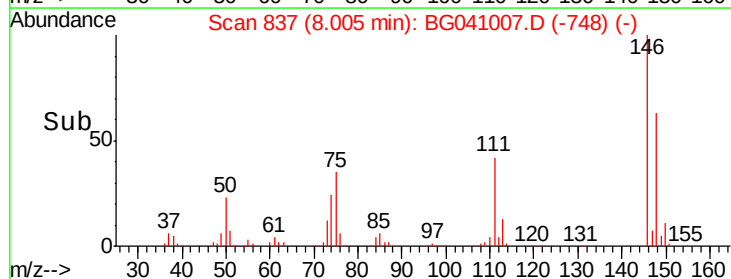
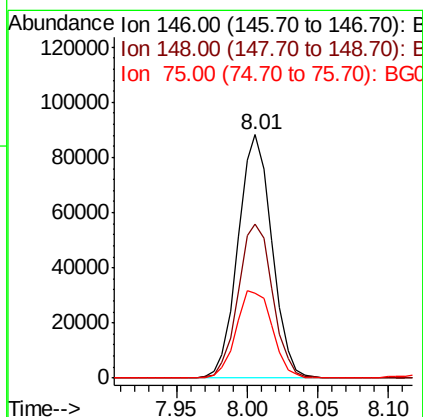
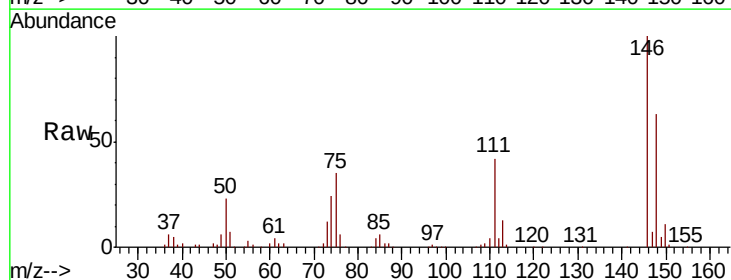
Instrument :
BNA_G
ClientSampleId :
PB120101BS

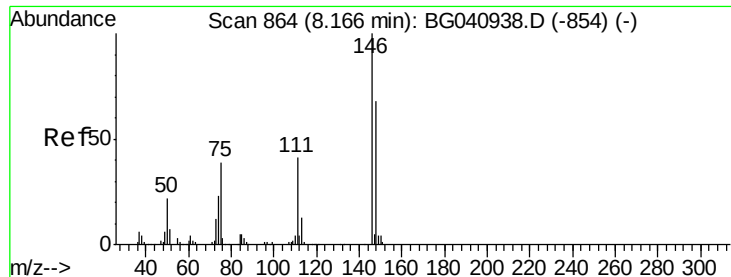
Tot Ion: 93 Resp: 125784
Ion Ratio Lower Upper
93 100
63 88.4 64.5 104.5
95 34.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 86.496 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion: 146 Resp: 148119
Ion Ratio Lower Upper
146 100
148 63.3 49.2 73.8
75 34.7 29.4 44.0

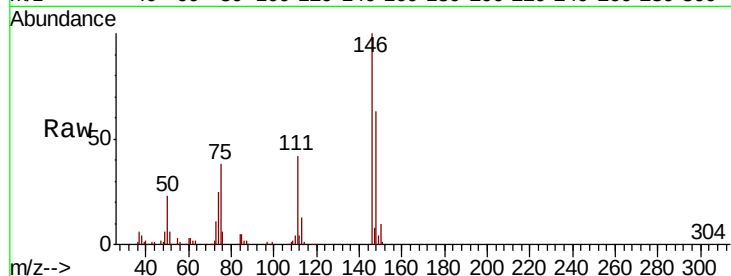




#13
 1,4-Dichlorobenzene
 Concen: 86.396 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	54.2	81.4
111	41.5	32.9	49.3

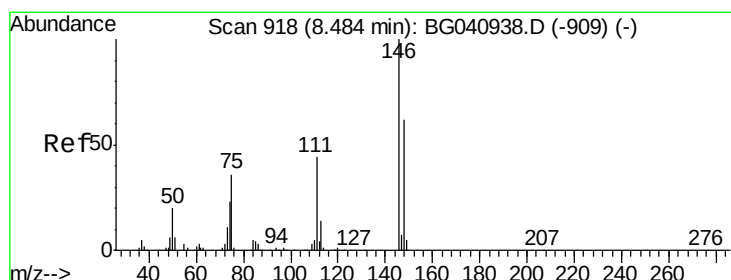
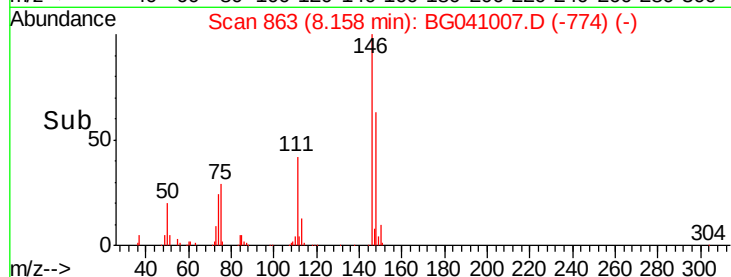
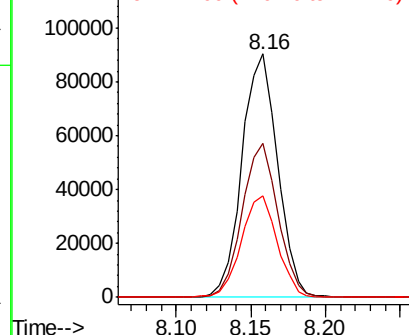


Abundance

Ion 146.00 (145.70 to 146.70): E

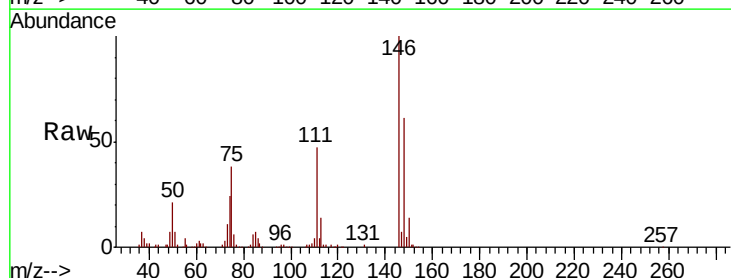
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 85.282 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.9	49.8	74.6
111	46.5	35.0	52.4

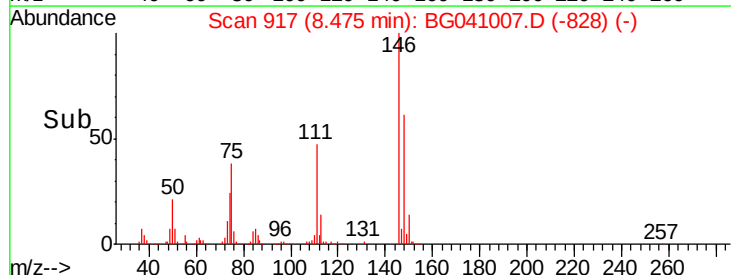
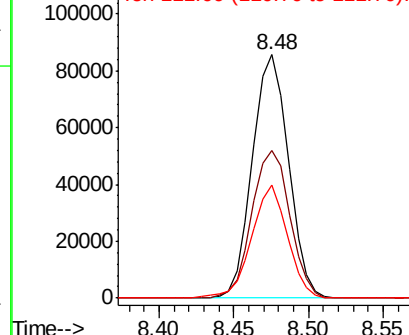


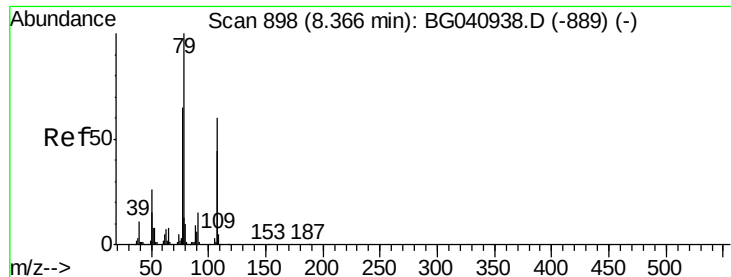
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

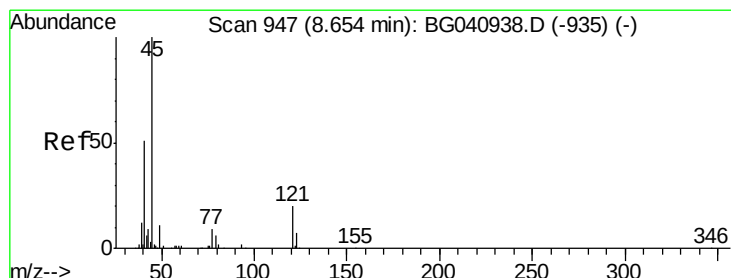
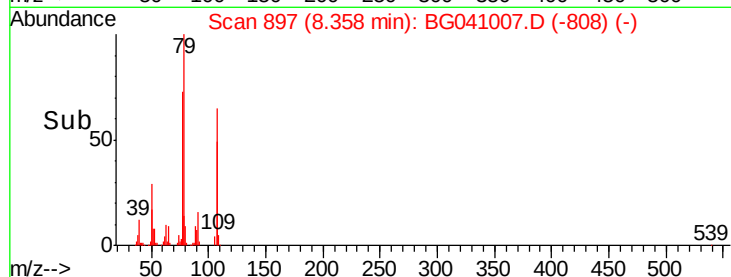
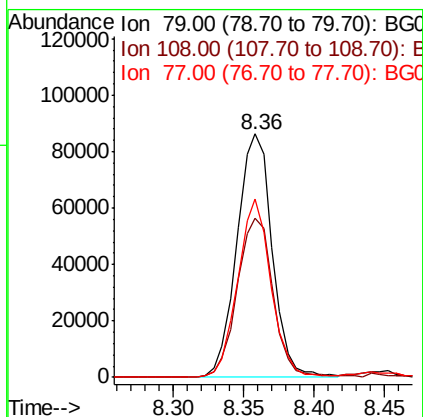
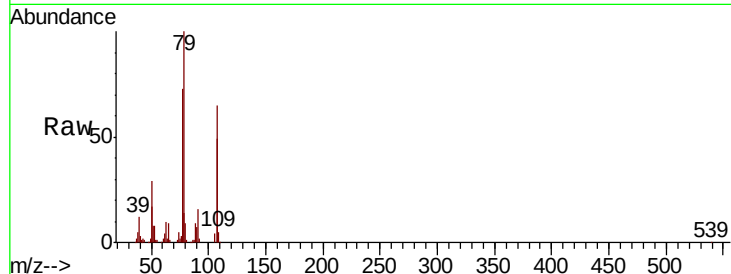




#15
Benzyl Alcohol
Concen: 87.710 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

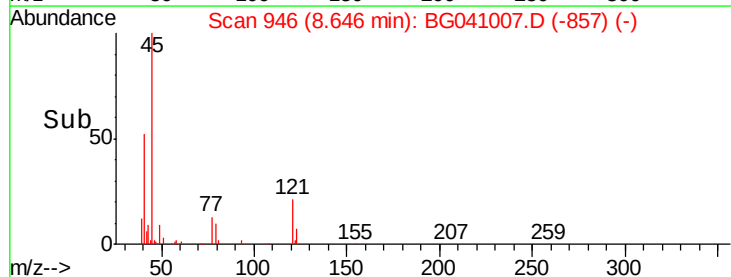
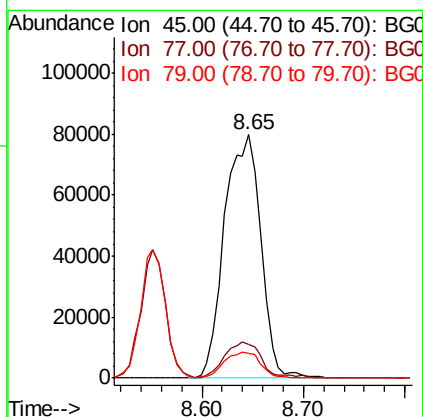
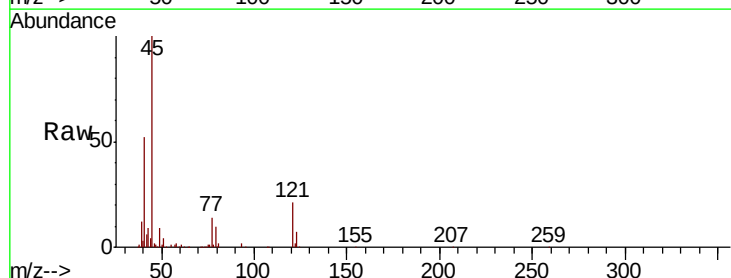
Instrument :
BNA_G
ClientSampleId :
PB120101BS

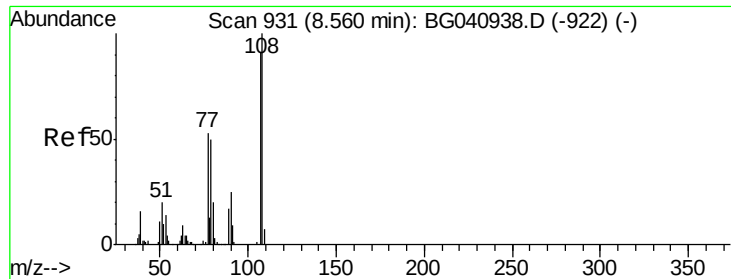
Tot Ion: 79 Resp: 150696
Ion Ratio Lower Upper
79 100
108 65.2 48.3 72.5
77 73.0 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 83.739 ng
RT: 8.65 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion: 45 Resp: 197683
Ion Ratio Lower Upper
45 100
77 13.8 0.0 33.7
79 10.3 0.0 30.2





#17

2-Methylphenol

Concen: 87.936 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

Tot Ion:107 Resp: 126795

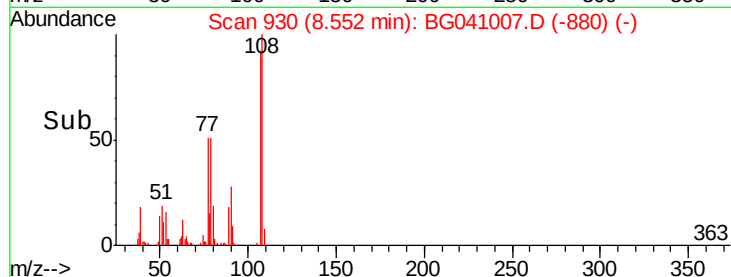
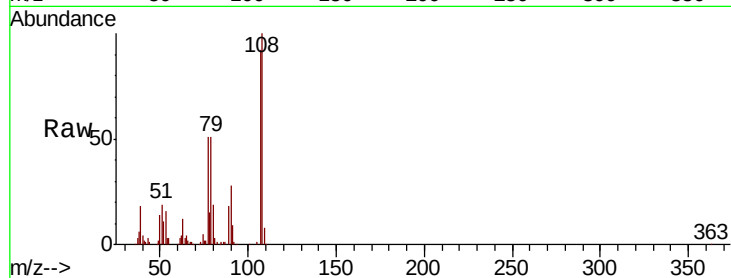
Ion Ratio Lower Upper

107 100

108 109.1 87.7 131.5

77 55.6 46.6 70.0

79 55.9 44.6 66.8



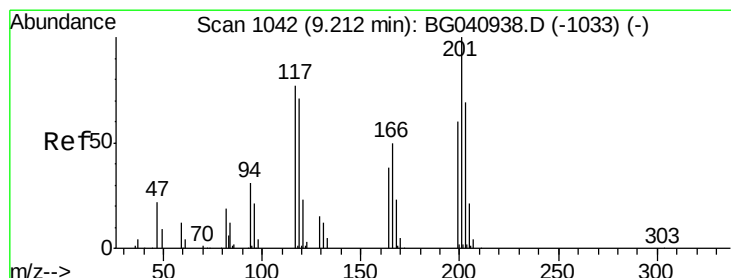
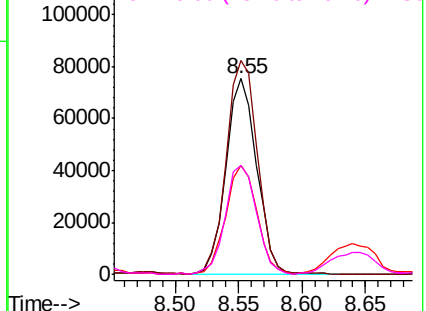
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 86.967 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

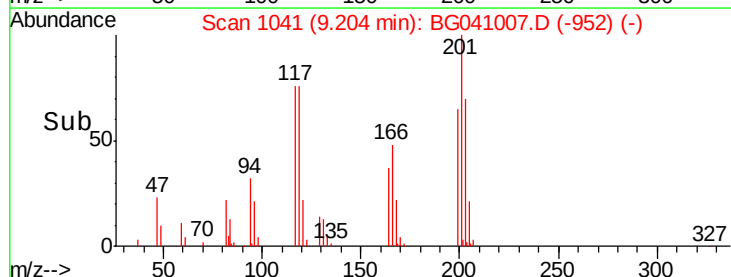
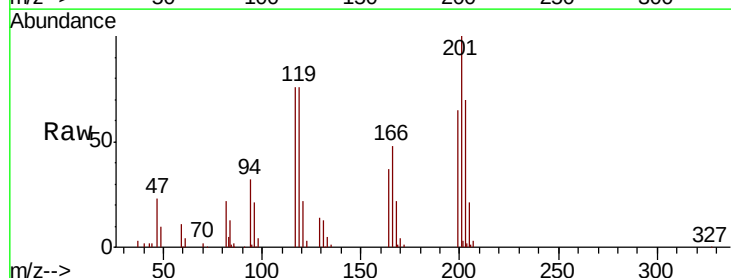
Tgt Ion:117 Resp: 58100

Ion Ratio Lower Upper

117 100

119 100.1 75.0 112.6

201 131.9 103.5 155.3

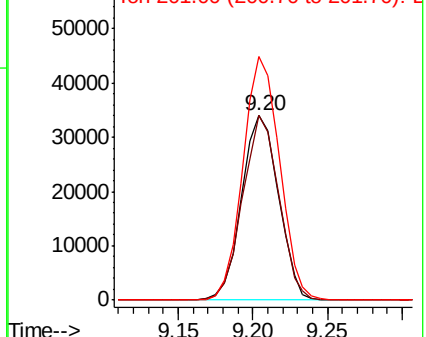


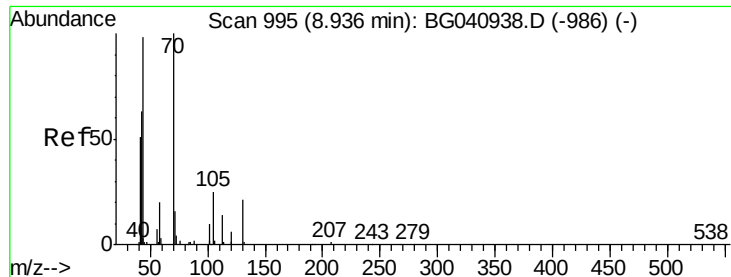
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 82.546 ng

RT: 8.92 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

Tot Ion: 70 Resp: 117985

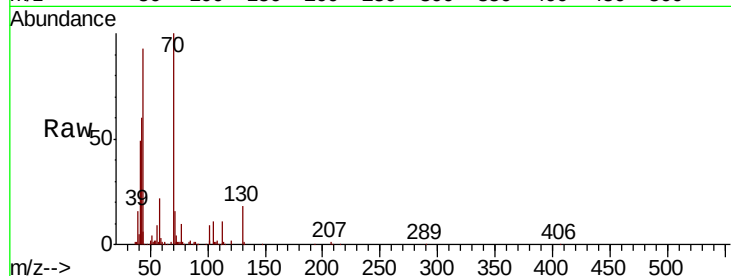
Ion Ratio Lower Upper

70 100

42 59.9 51.5 77.3

101 9.0 8.1 12.1

130 18.4 16.6 24.8

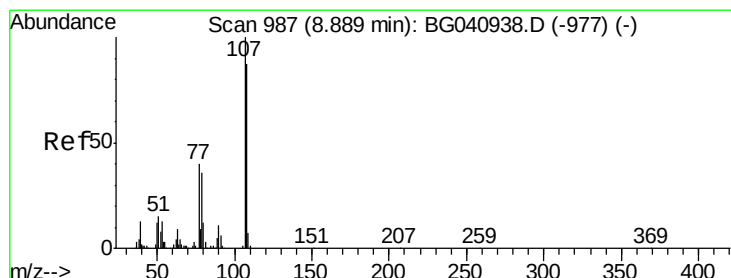
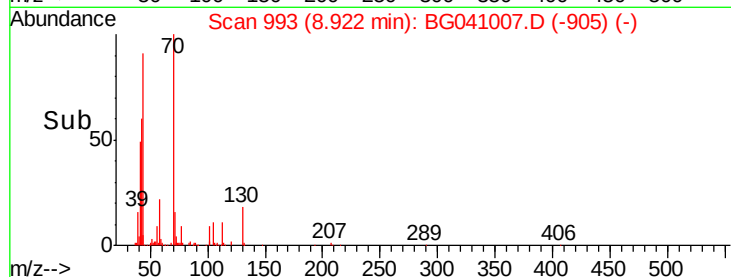
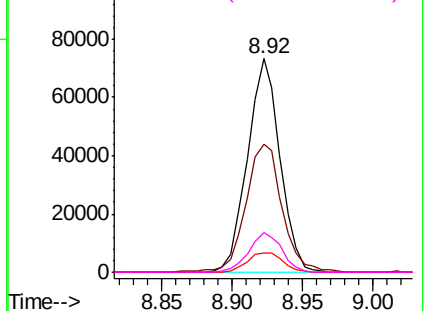


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 85.189 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Tgt Ion: 107 Resp: 170148

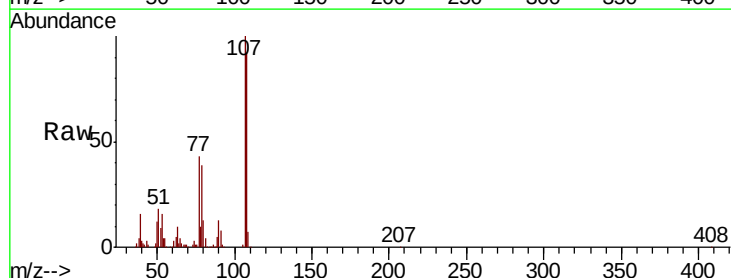
Ion Ratio Lower Upper

107 100

108 91.8 66.8 106.8

77 43.4 20.5 60.5

79 39.1 15.8 55.8

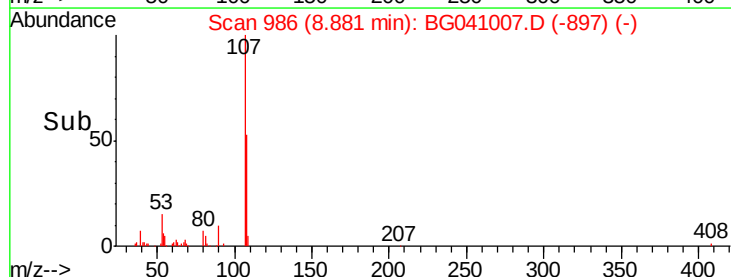
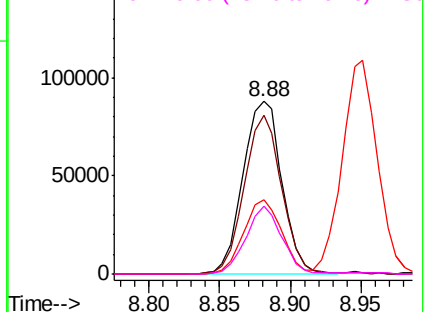


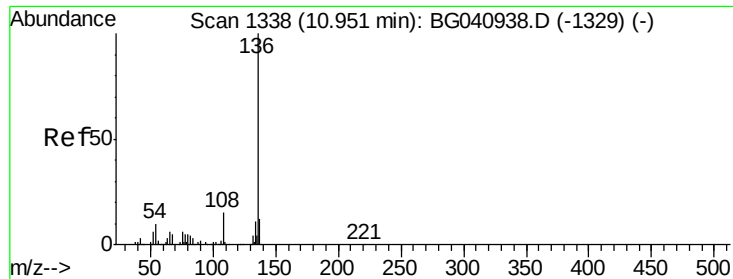
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

Tot Ion:136 Resp: 81774

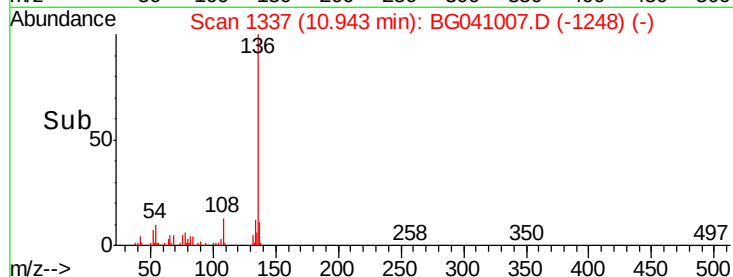
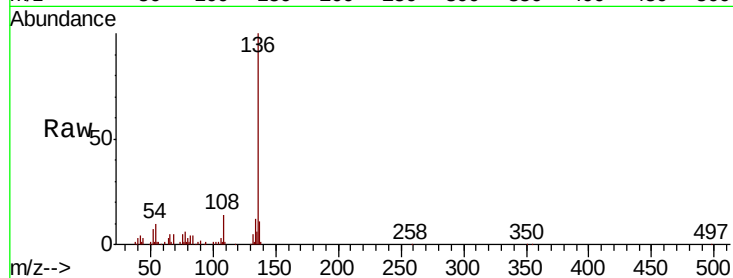
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 9.8 7.6 11.4

68 4.6 3.9 5.9



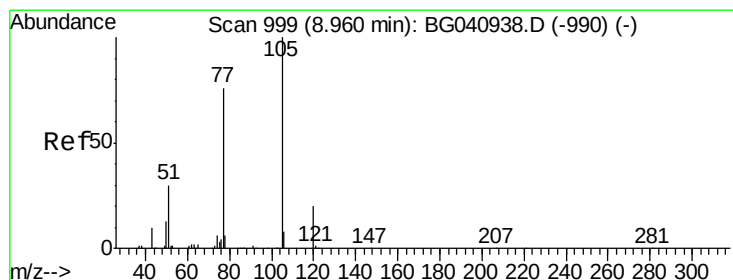
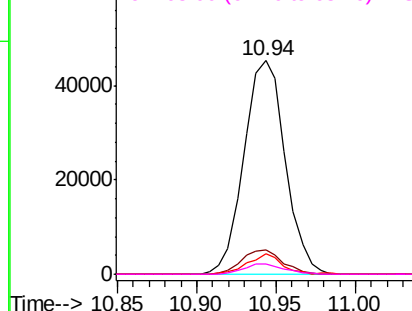
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 95.791 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Tgt Ion:105 Resp: 219736

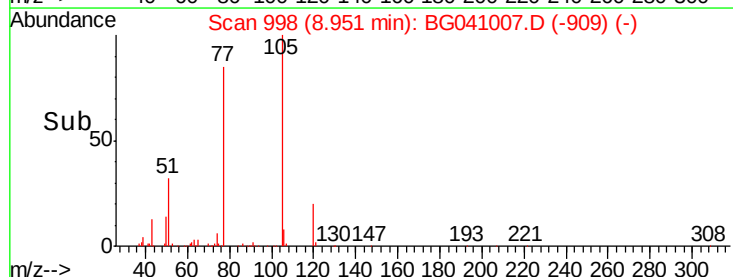
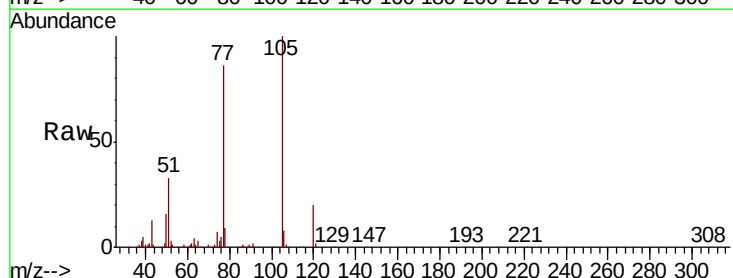
Ion Ratio Lower Upper

105 100

71 0.4 0.4 0.6#

51 32.9 27.0 40.6

120 20.3 16.2 24.4



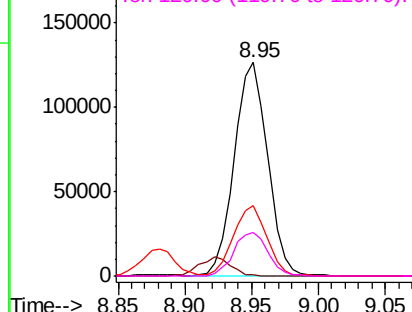
Abundance

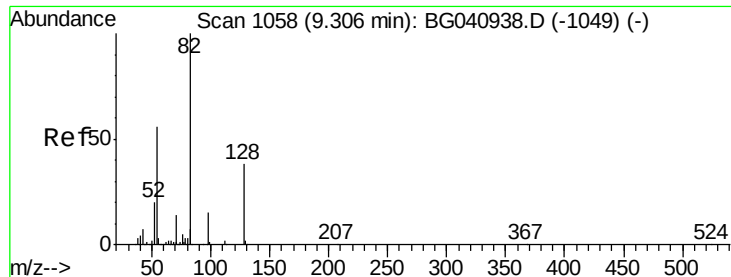
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 97.033 ng

RT: 9.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

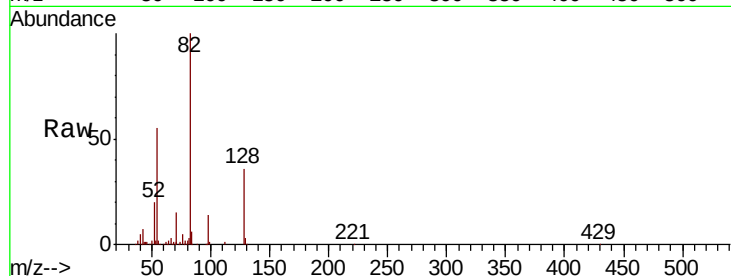
Tot Ion: 82 Resp: 178736

Ion Ratio Lower Upper

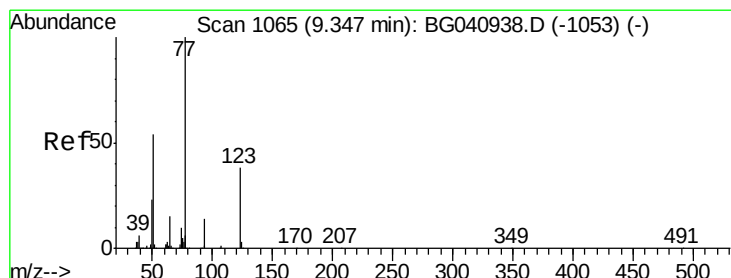
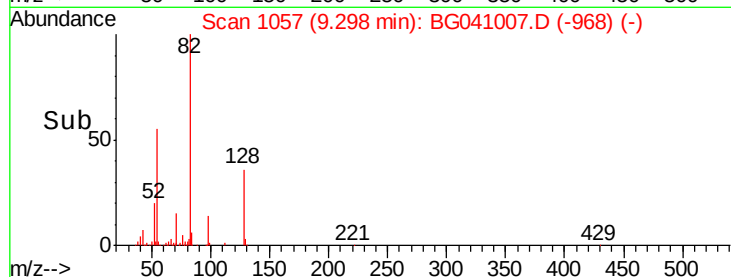
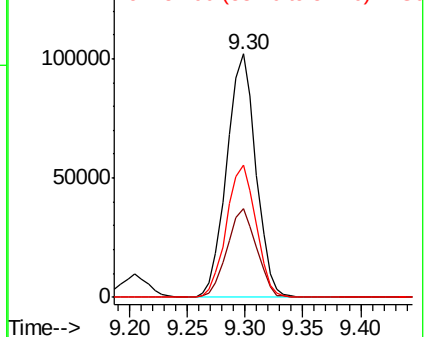
82 100

128 36.4 30.5 45.7

54 54.6 44.6 66.8



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



#24

Nitrobenzene

Concen: 98.415 ng

RT: 9.34 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

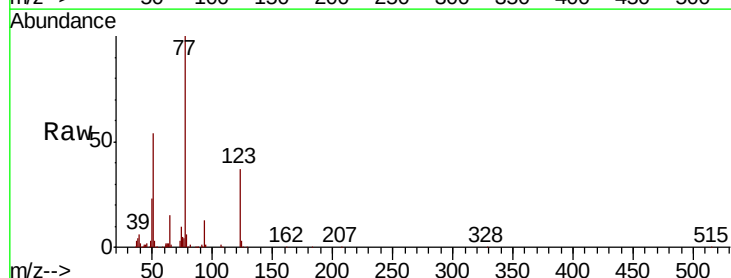
Tgt Ion: 77 Resp: 184742

Ion Ratio Lower Upper

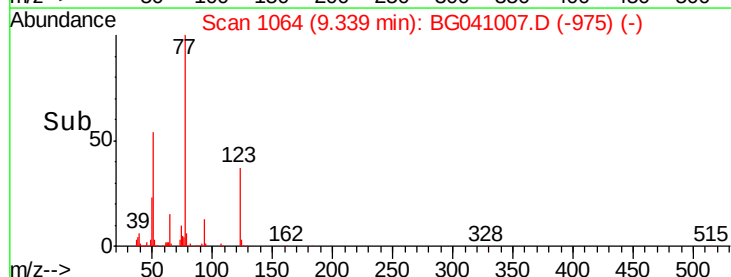
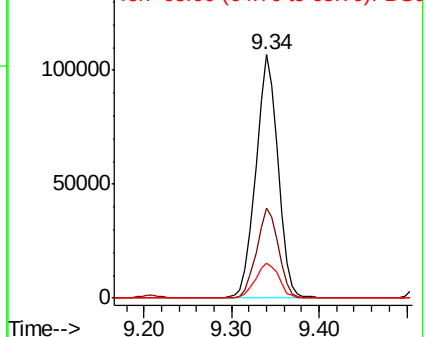
77 100

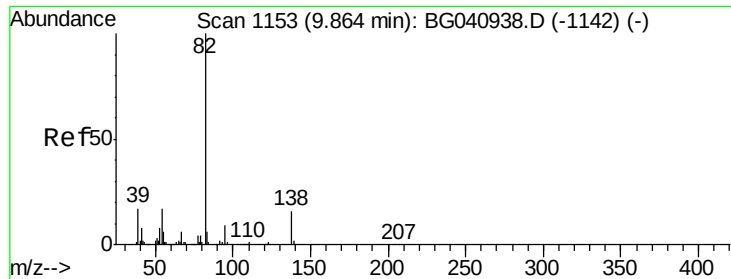
123 36.8 30.6 46.0

65 14.6 12.3 18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 96.297 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

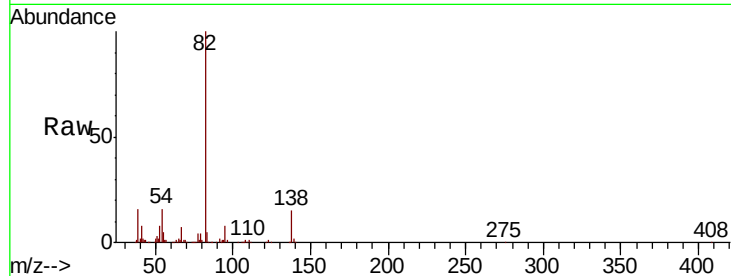
Tot Ion: 82 Resp: 337571

Ion Ratio Lower Upper

82 100

95 7.7 7.0 10.4

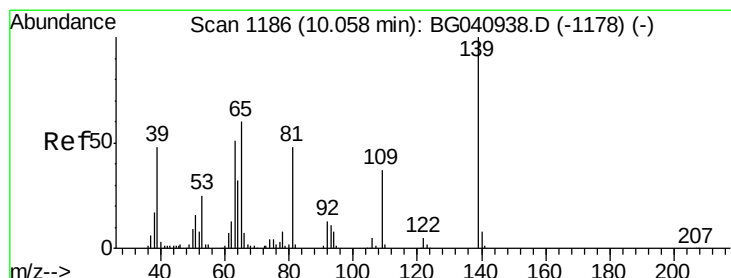
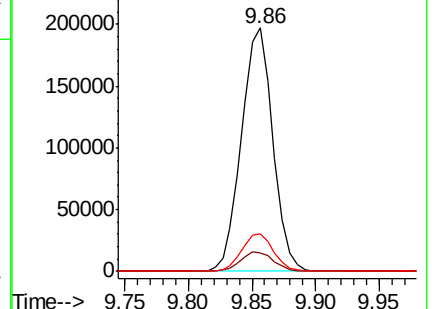
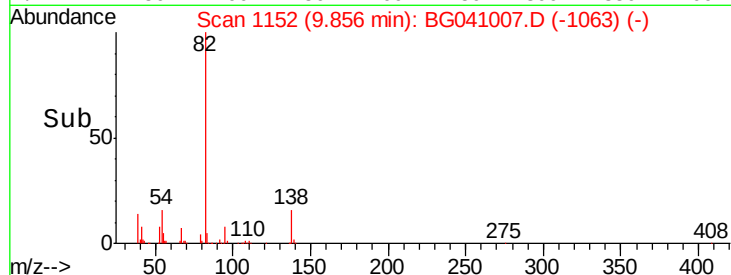
138 15.5 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BG041007.D (-1063) (-)

Ion 95.00 (94.70 to 95.70): BG041007.D (-1063) (-)

Ion 138.00 (137.70 to 138.70): BG041007.D (-1063) (-)



#26

2-Nitrophenol

Concen: 103.151 ng

RT: 10.05 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

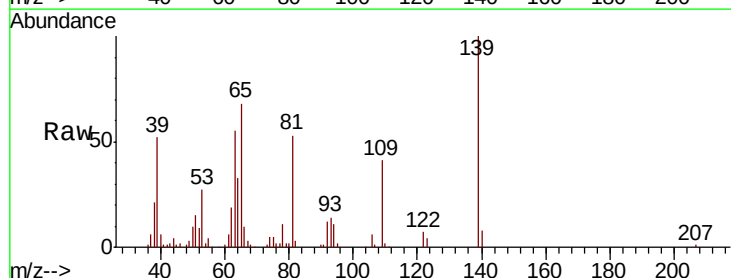
Tgt Ion: 139 Resp: 79825

Ion Ratio Lower Upper

139 100

109 41.4 29.8 44.6

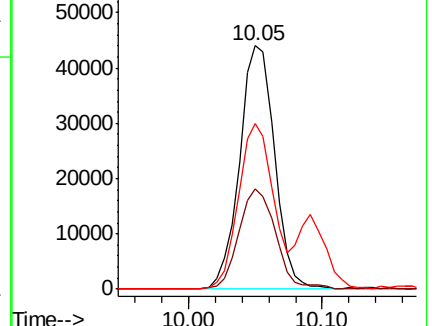
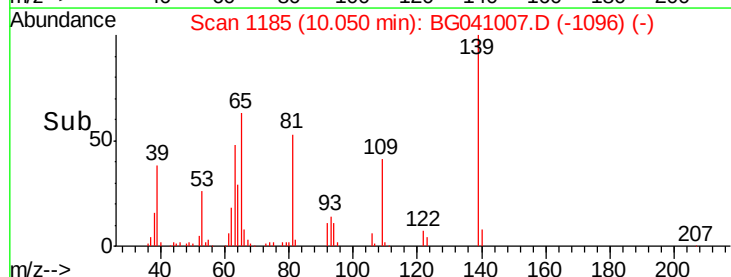
65 68.2 47.8 71.6

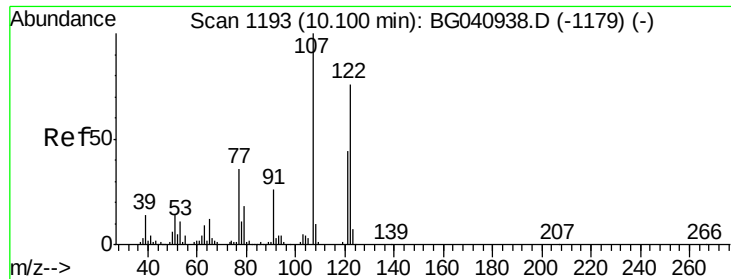


Abundance Ion 139.00 (138.70 to 139.70): BG041007.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BG041007.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BG041007.D (-1096) (-)

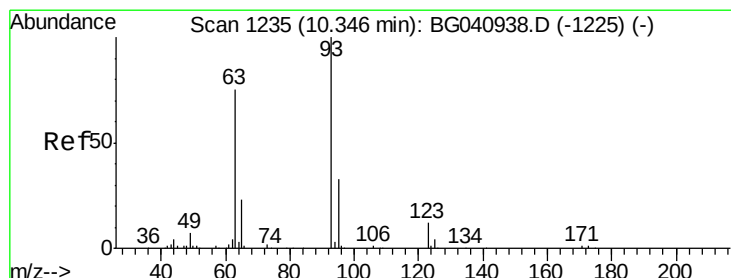
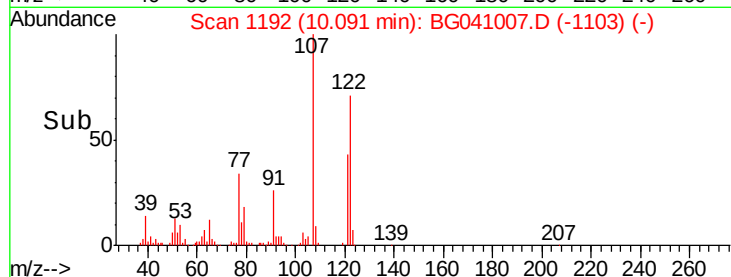
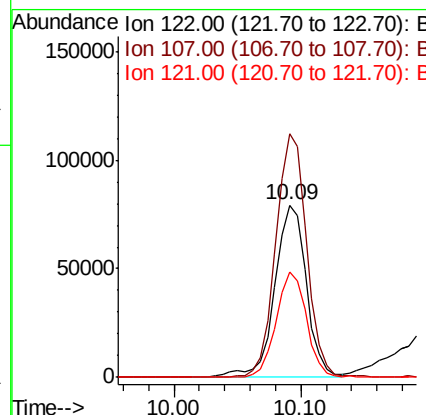
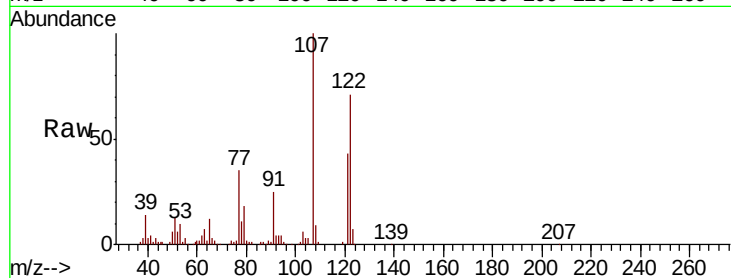




#27
 2,4-Dimethylphenol
 Concen: 107.926 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

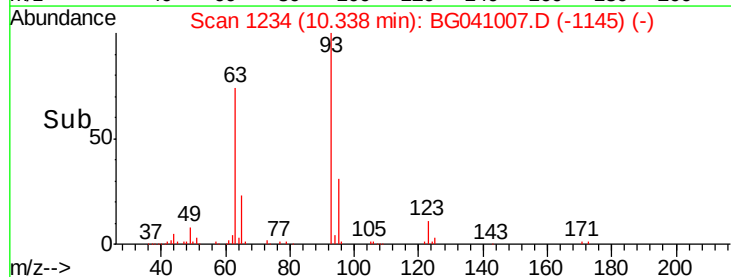
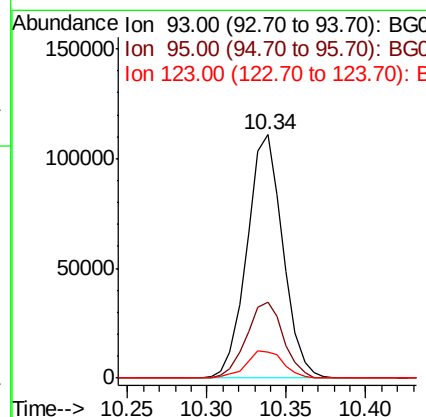
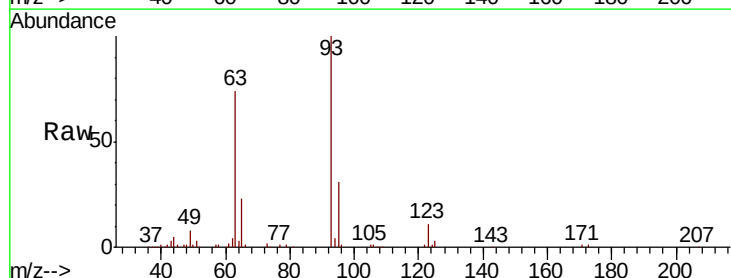
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

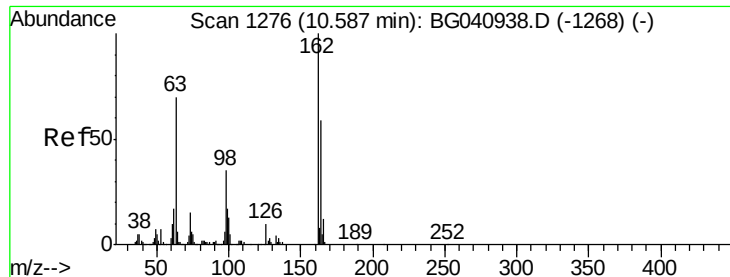
Tot Ion	122	Resp	137939
Ion	Ratio	Lower	Upper
122	100		
107	141.1	105.9	158.9
121	61.1	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 91.942 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Tgt Ion	93	Resp	173955
Ion	Ratio	Lower	Upper
93	100		
95	30.9	26.2	39.2
123	10.8	9.5	14.3

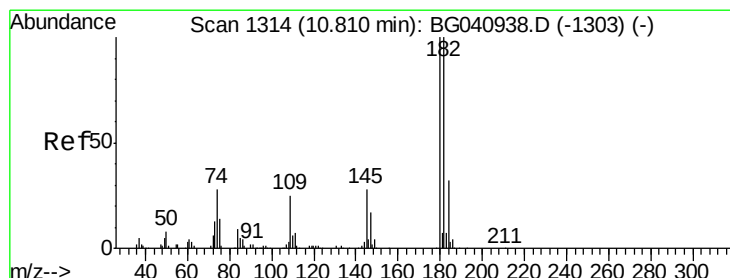
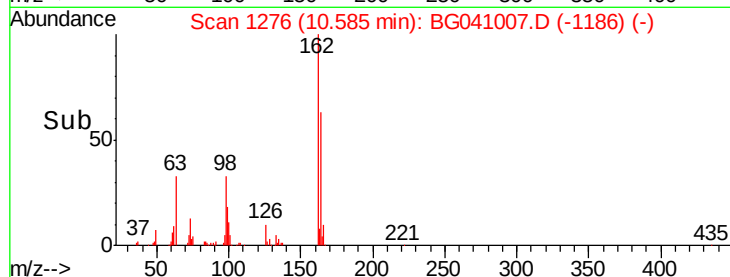
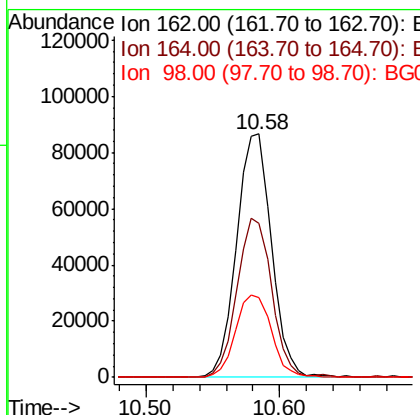
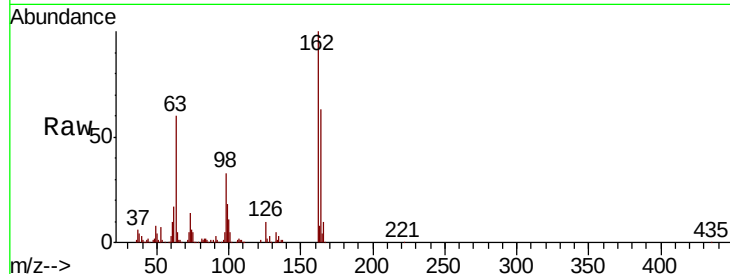




#29
 2,4-Dichlorophenol
 Concen: 96.588 ng
 RT: 10.58 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

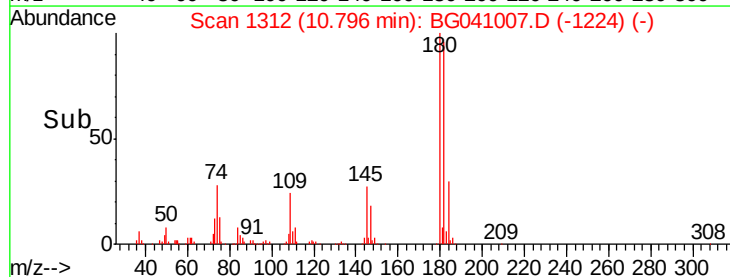
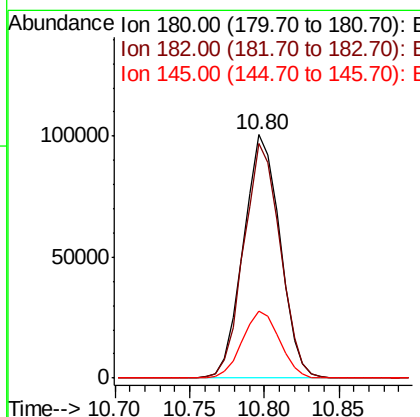
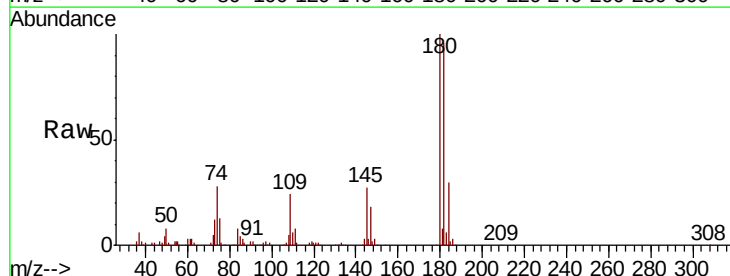
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

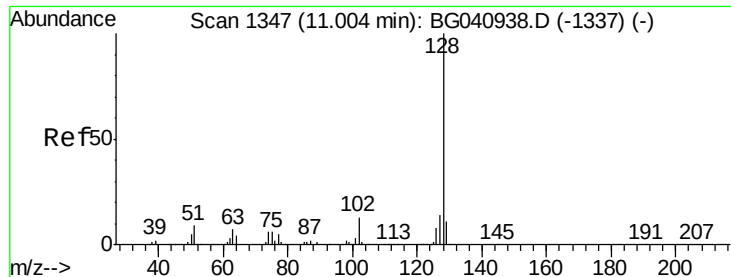
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	39.4	79.4
98	32.8	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 92.479 ng
 RT: 10.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	79.7	119.5
145	27.4	22.6	34.0

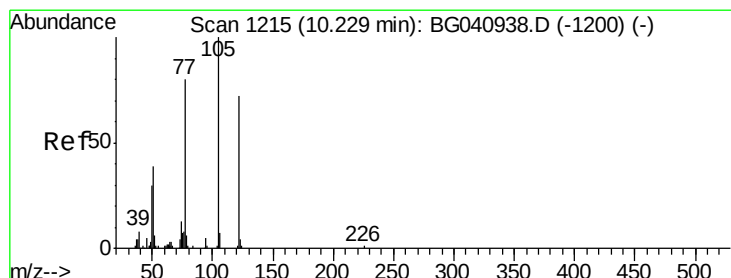
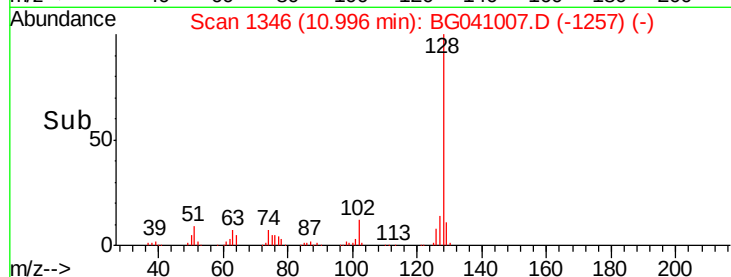
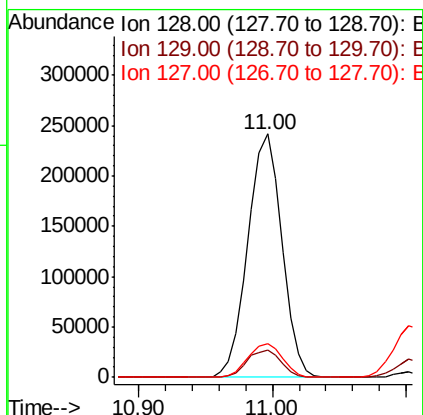
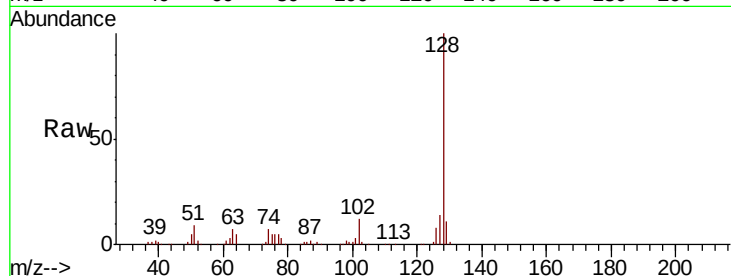




#31
Naphthalene
Concen: 96.776 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

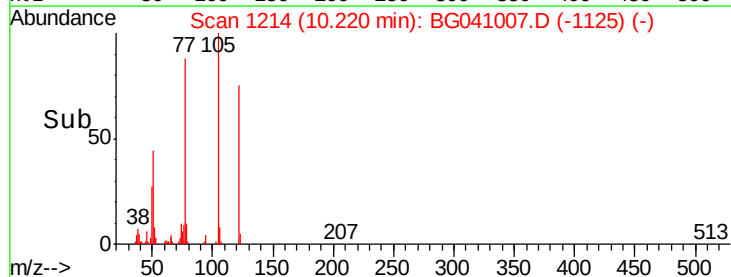
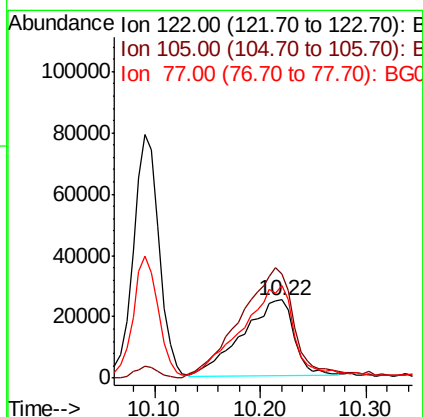
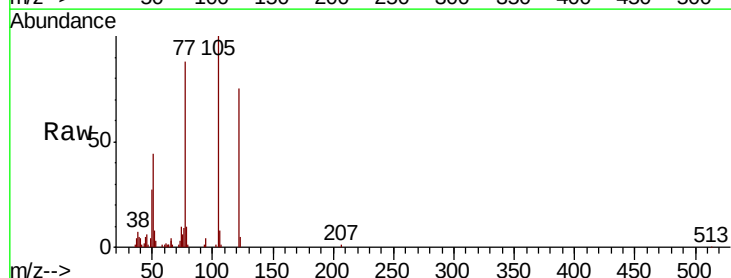
Instrument :
BNA_G
ClientSampleId :
PB120101BS

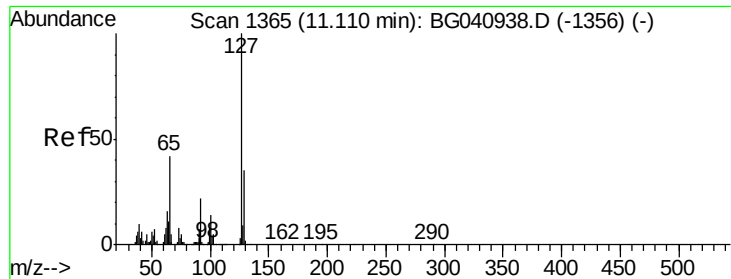
Tot Ion:128 Resp: 424899
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.9 11.4 17.2



#32
Benzoic acid
Concen: 77.629 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion:122 Resp: 83152
Ion Ratio Lower Upper
122 100
105 134.1 114.8 154.8
77 118.3 89.9 129.9

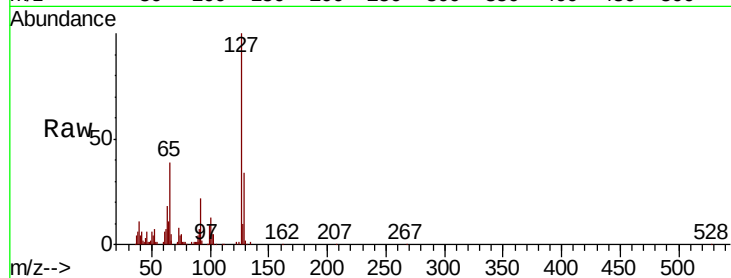




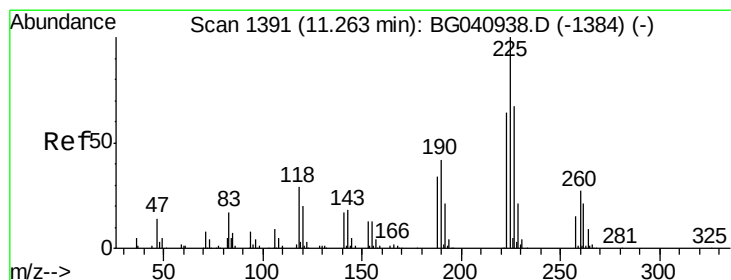
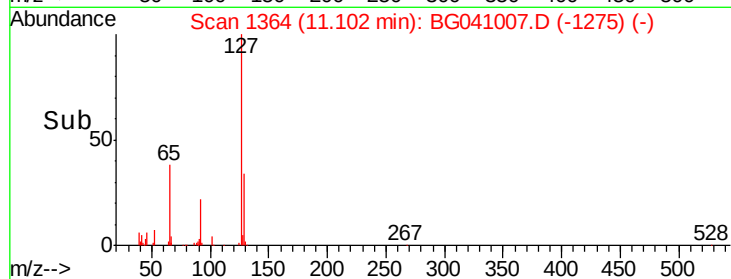
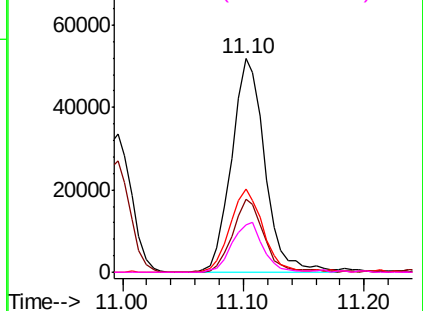
#33
4-Chloroaniline
Concen: 48.833 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion:127 Resp: 99480
Ion Ratio Lower Upper
127 100
129 34.4 27.7 41.5
65 38.9 33.2 49.8
92 22.2 17.2 25.8

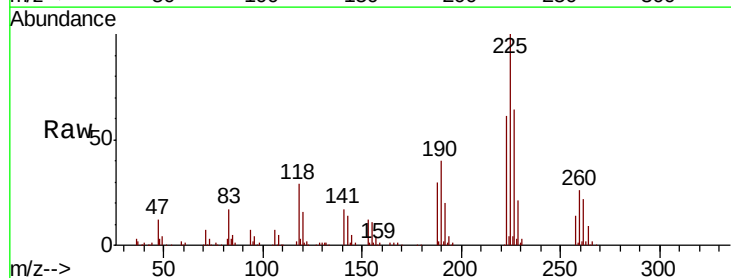


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

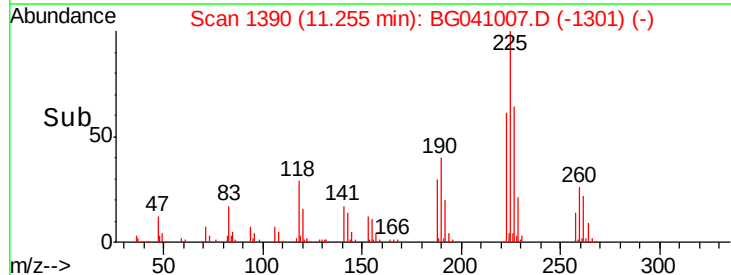
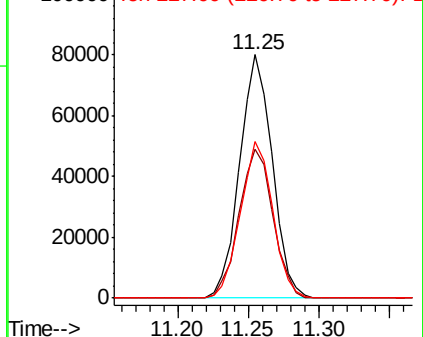


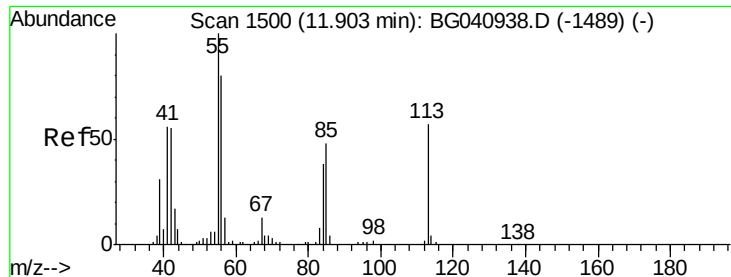
#34
Hexachlorobutadiene
Concen: 91.690 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion:225 Resp: 129533
Ion Ratio Lower Upper
225 100
223 61.2 48.8 73.2
227 64.3 51.4 77.0



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

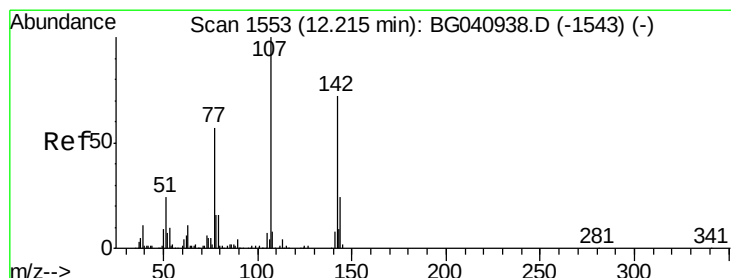
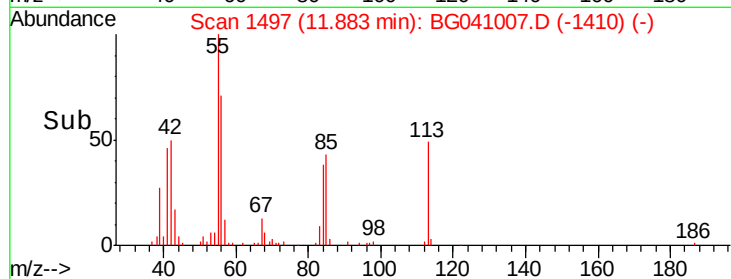
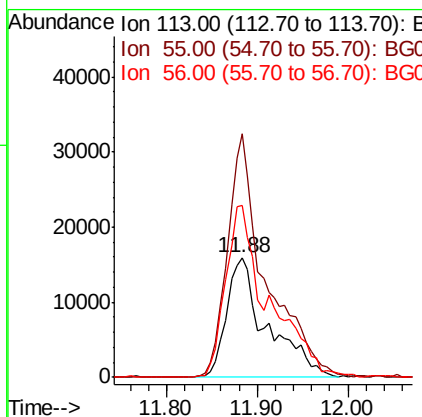
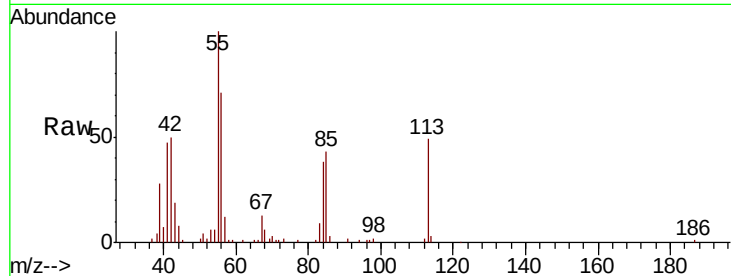




#35
 Caprolactam
 Concen: 92.275 ng
 RT: 11.88 min Scan# 1497
 Delta R.T. -0.02 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

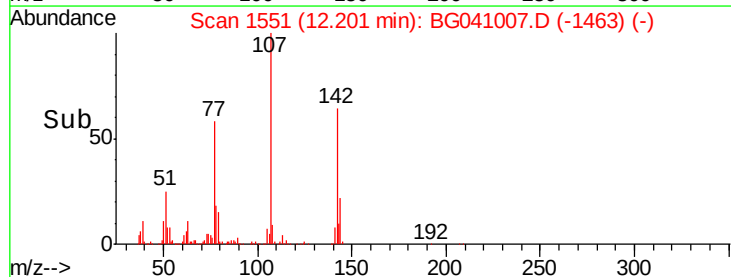
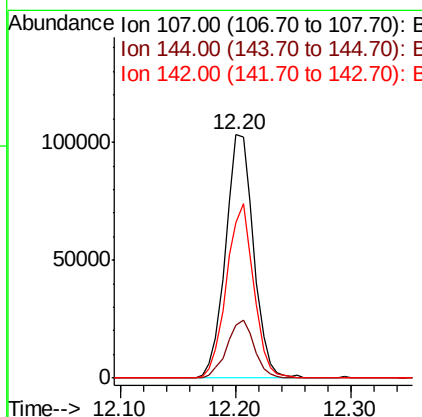
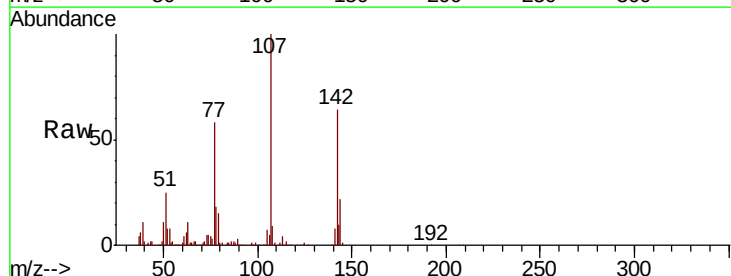
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

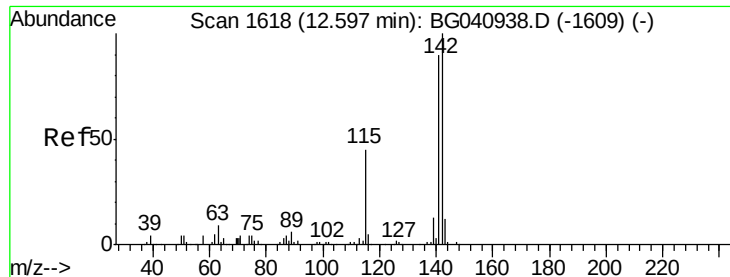
Tot Ion:113 Resp: 49456
 Ion Ratio Lower Upper
 113 100
 55 203.5 155.9 195.9#
 56 143.9 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 93.783 ng
 RT: 12.20 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Tgt Ion:107 Resp: 173836
 Ion Ratio Lower Upper
 107 100
 144 21.5 19.4 29.0
 142 63.8 57.3 85.9

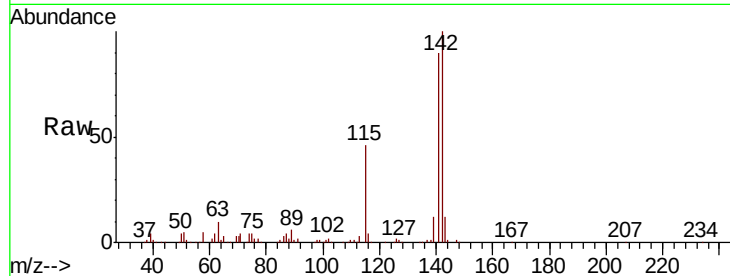




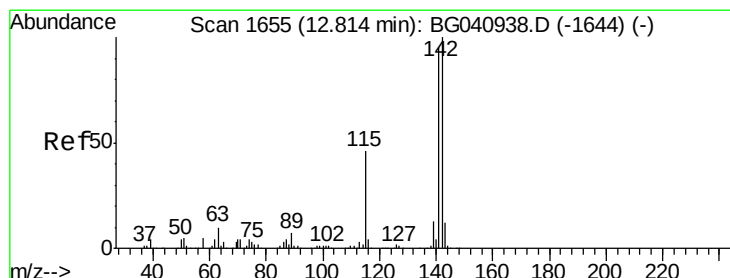
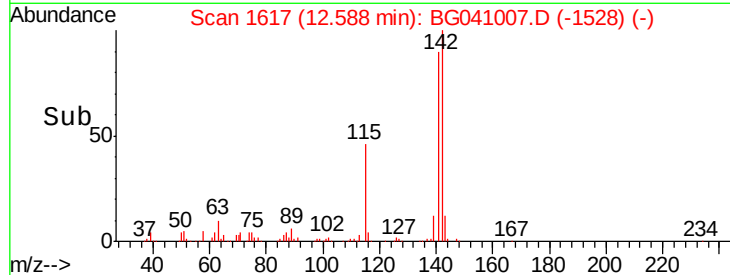
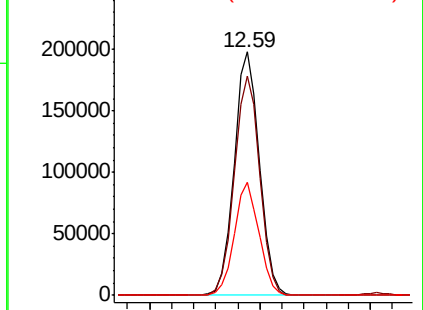
#37
2-Methylnaphthalene
Concen: 93.763 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampled :
PB120101BS

Tot Ion:142 Resp: 317061
Ion Ratio Lower Upper
142 100
141 89.9 72.2 108.4
115 46.3 36.2 54.4

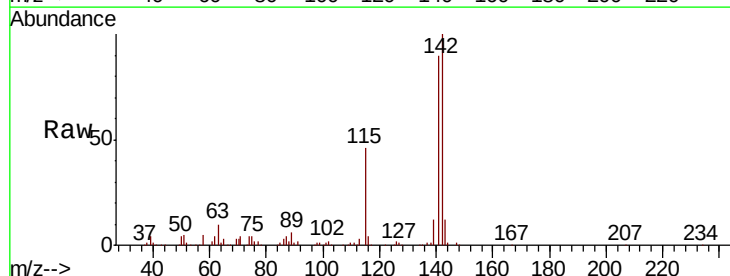


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

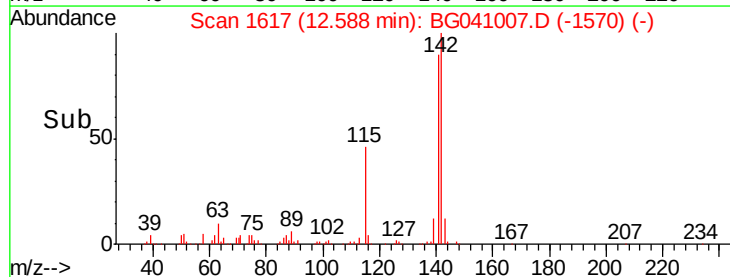
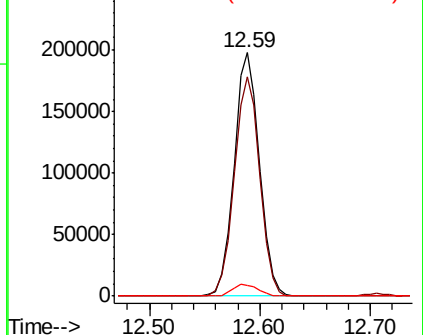


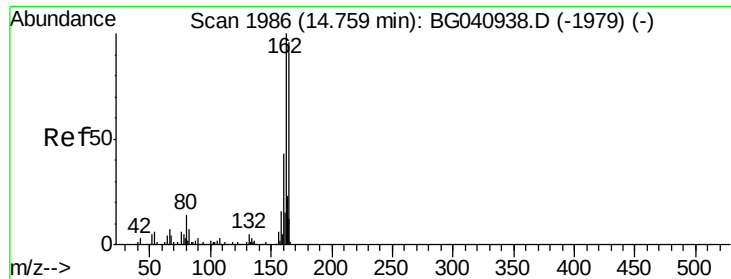
#38
1-Methylnaphthalene
Concen: 99.501 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.23 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion:142 Resp: 317061
Ion Ratio Lower Upper
142 100
141 89.9 75.7 113.5
116 4.4 3.4 5.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

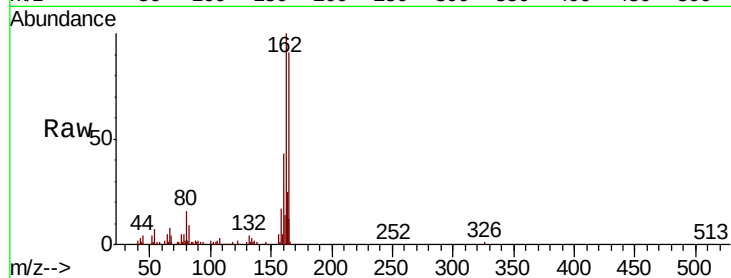
Tot Ion:164 Resp: 58210

Ion Ratio Lower Upper

164 100

162 110.2 83.0 124.4

160 47.7 35.6 53.4

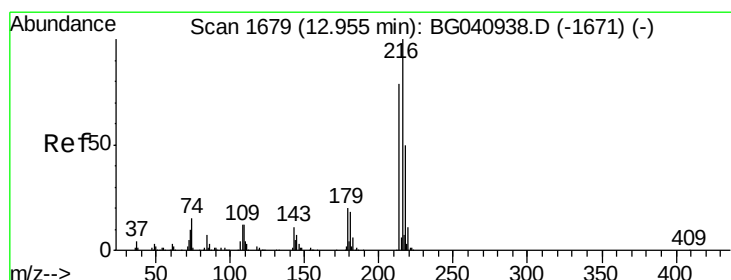
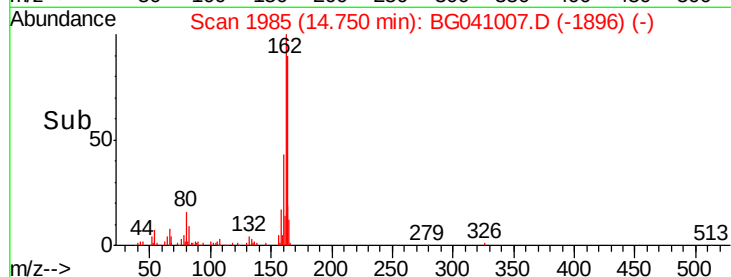
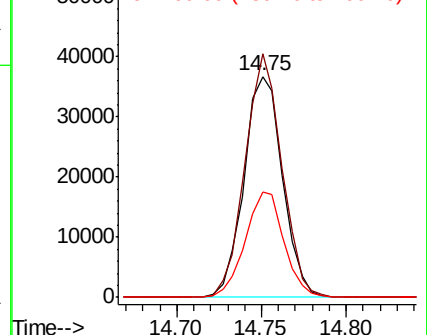


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 99.299 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Tgt Ion:216 Resp: 232973

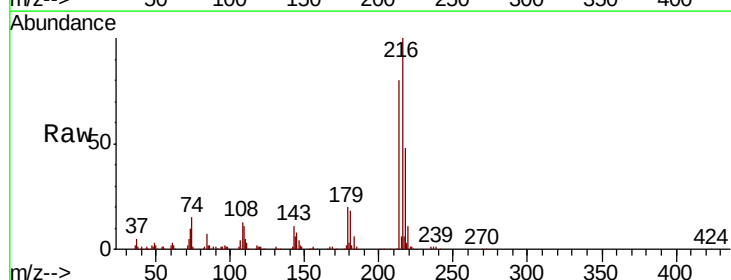
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.2

179 19.3 15.2 22.8

108 16.8 11.4 17.2



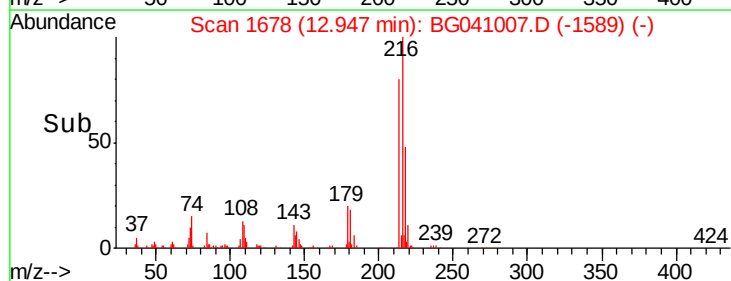
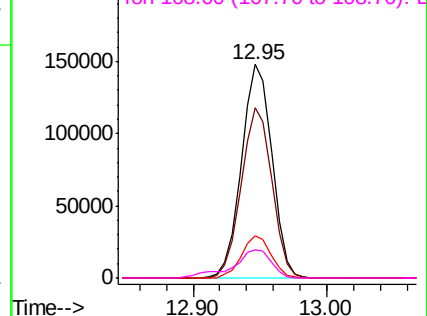
Abundance

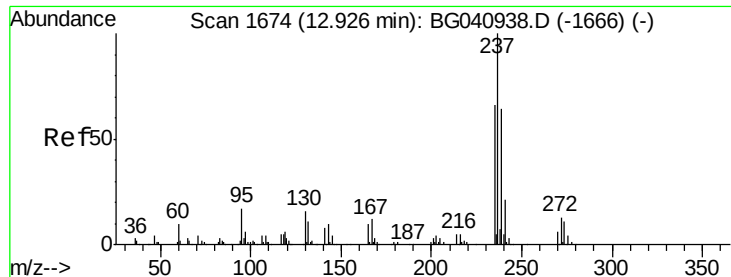
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 206.752 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

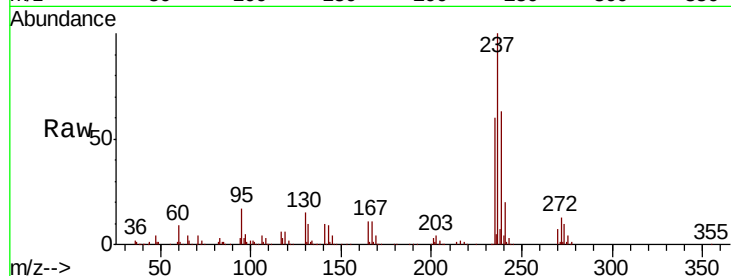
Tot Ion:237 Resp: 279096

Ion Ratio Lower Upper

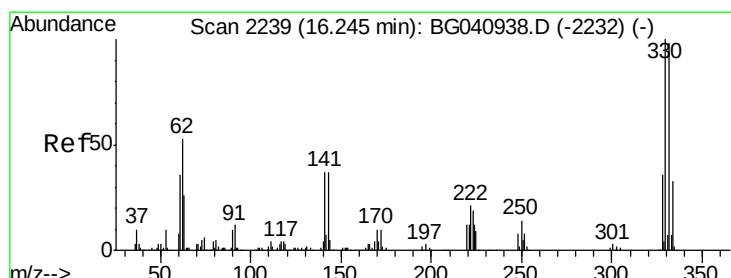
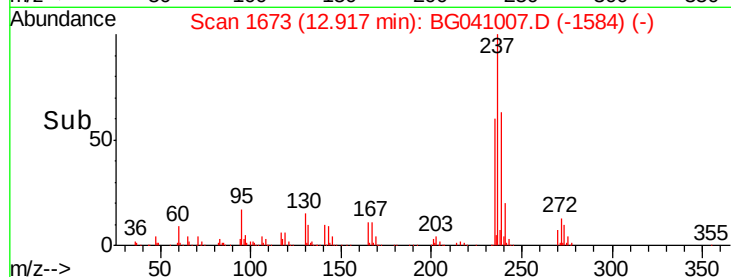
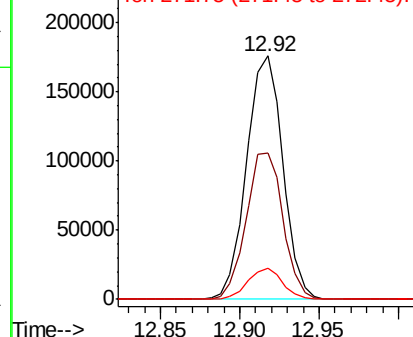
237 100

235 60.1 45.5 85.5

272 12.6 0.0 32.9



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



#42

2,4,6-Tribromophenol

Concen: 169.430 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

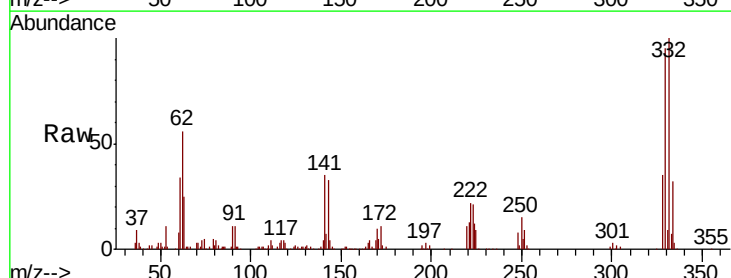
Tgt Ion:330 Resp: 146416

Ion Ratio Lower Upper

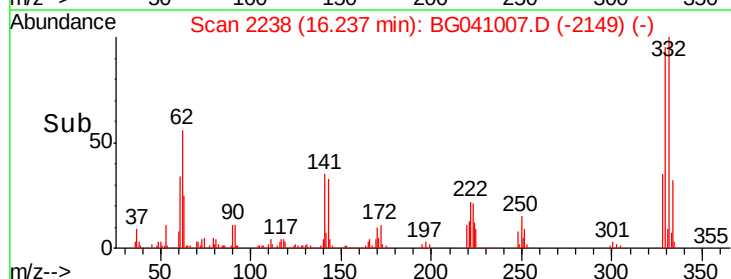
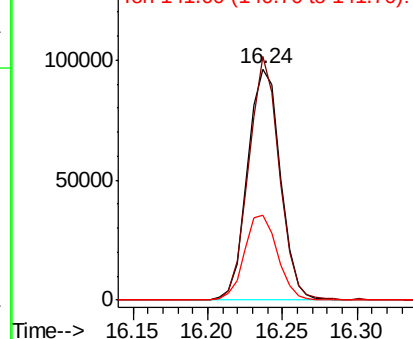
330 100

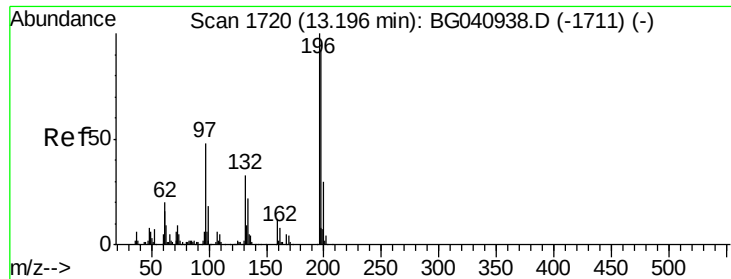
332 98.2 78.5 117.7

141 37.0 28.7 43.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

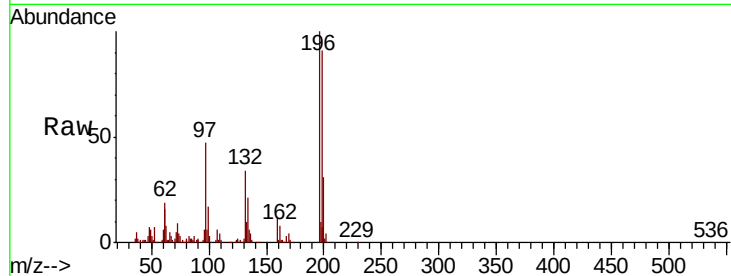




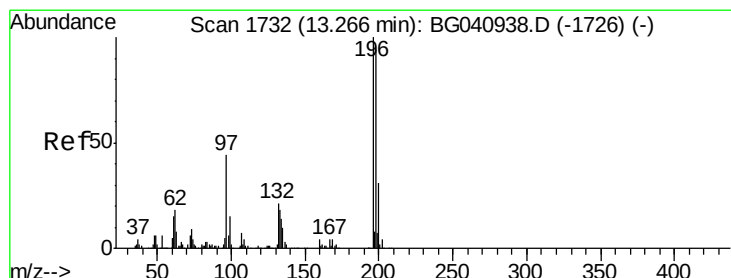
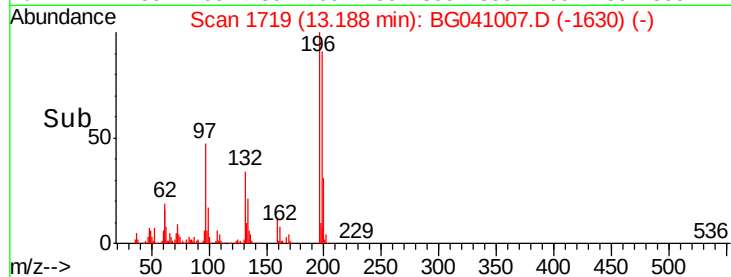
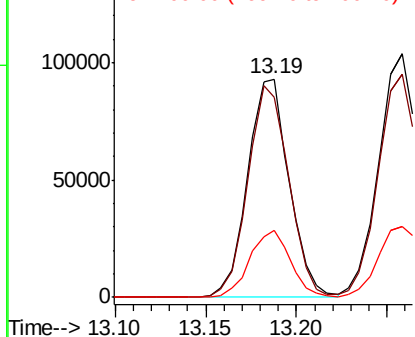
#43
 2,4,6-Trichlorophenol
 Concen: 97.386 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Instrument :
 BNA_G
 ClientSampled :
 PB120101BS

Tot Ion:196 Resp: 147810
 Ion Ratio Lower Upper
 196 100
 198 91.5 73.8 110.6
 200 30.8 24.1 36.1

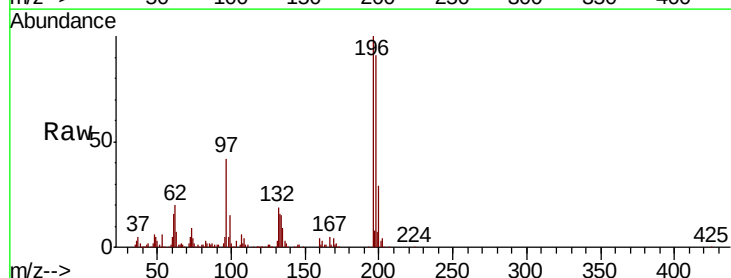


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

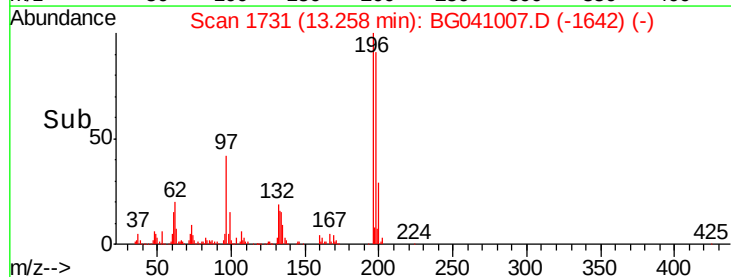
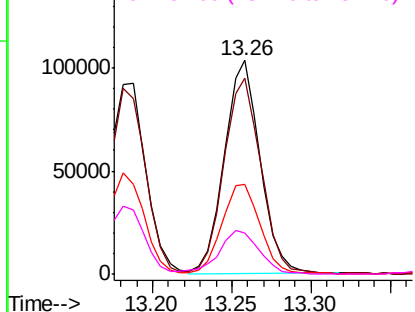


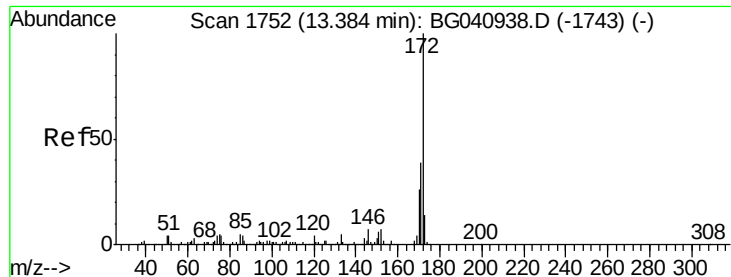
#44
 2,4,5-Trichlorophenol
 Concen: 100.970 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Tgt Ion:196 Resp: 161622
 Ion Ratio Lower Upper
 196 100
 198 91.5 75.1 112.7
 97 42.2 35.6 53.4
 132 19.4 16.7 25.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

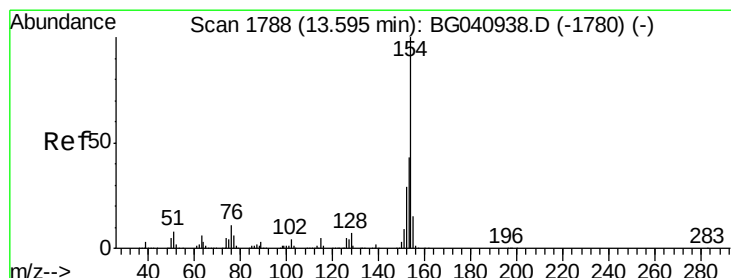
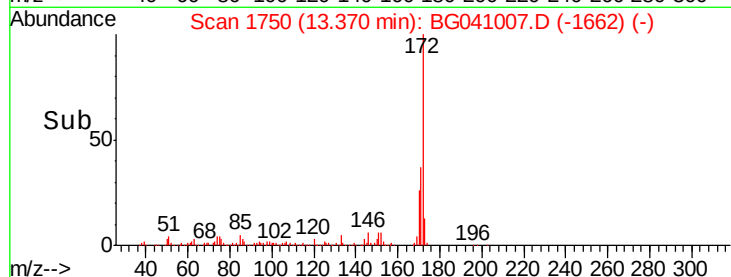
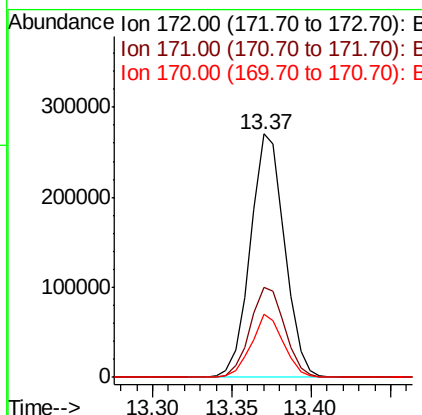
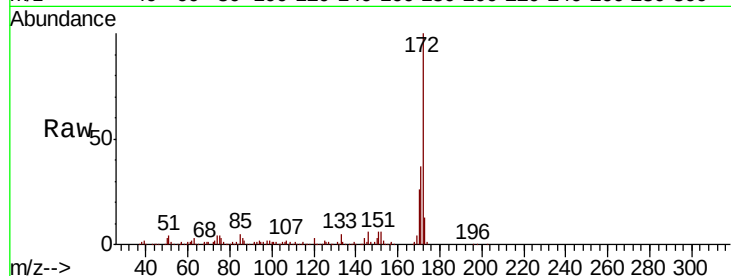




#45
2-Fluorobiphenyl
Concen: 99.908 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

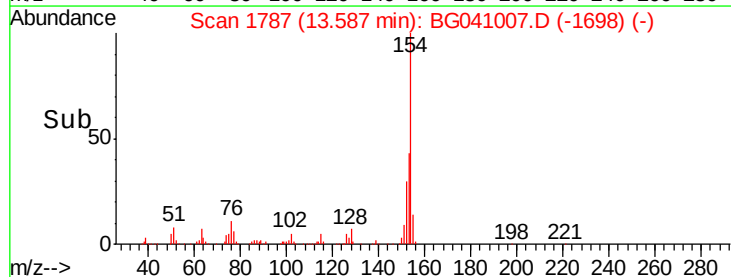
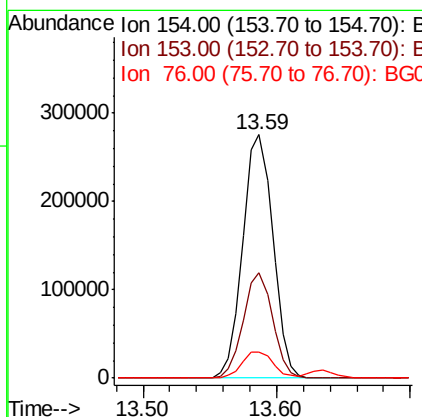
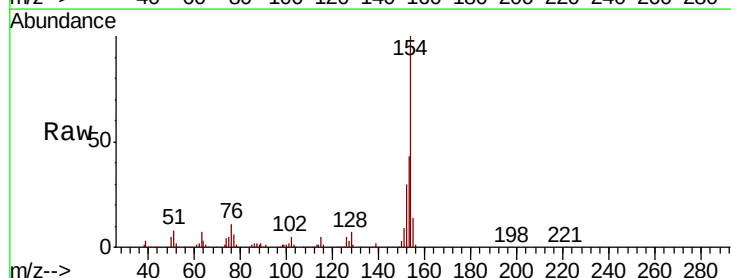
Instrument :
BNA_G
ClientSampleId :
PB120101BS

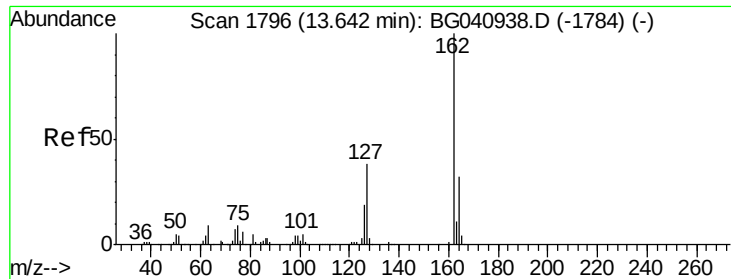
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.1	46.7
170	25.7	20.5	30.7



#46
1,1'-Biphenyl
Concen: 99.793 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	23.3	63.3
76	10.9	0.0	31.1

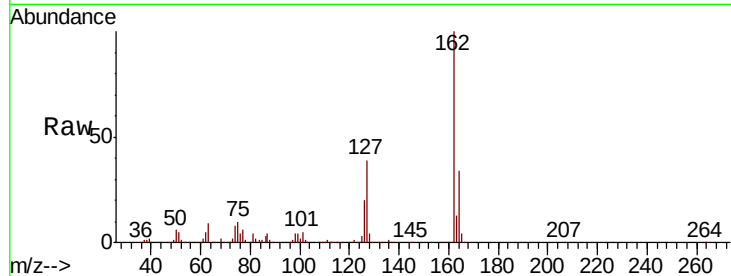




#47
 2-Chloronaphthalene
 Concen: 95.541 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	30.5	45.7
164	34.4	25.8	38.6

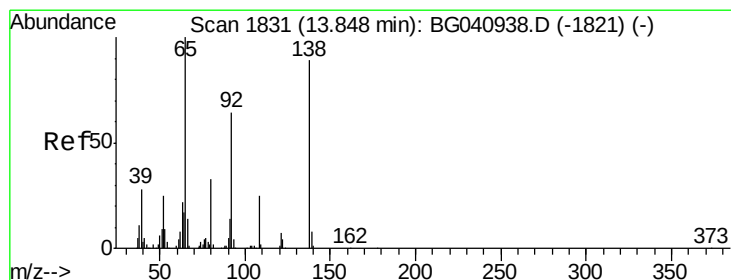
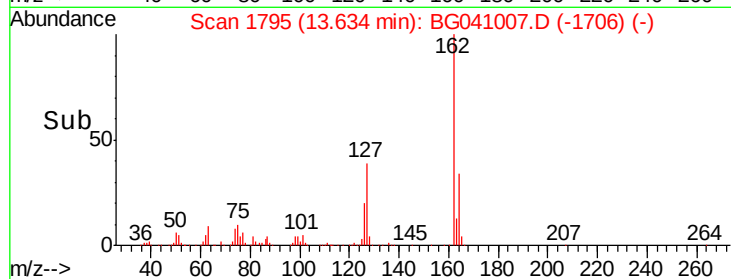
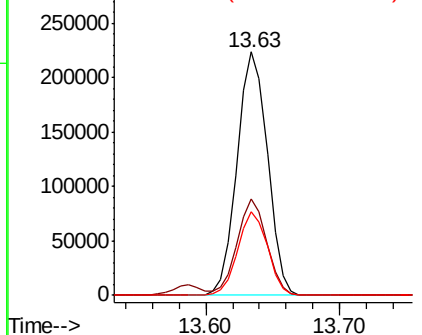


Abundance

Ion 162.00 (161.70 to 162.70): E

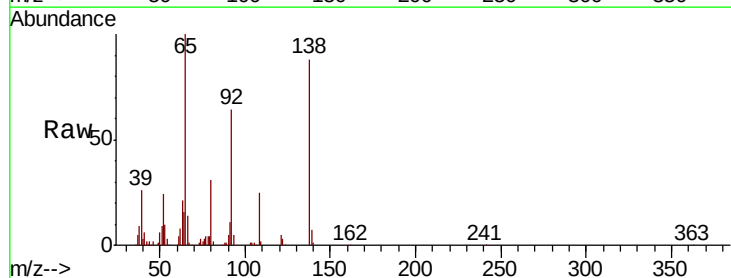
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 97.837 ng
 RT: 13.84 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.0	51.0	76.6
138	88.1	71.2	106.8

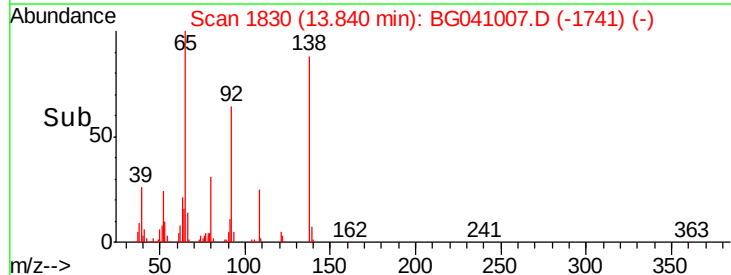
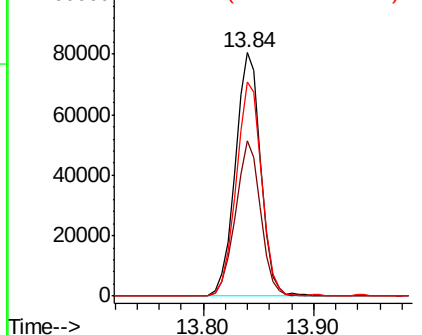


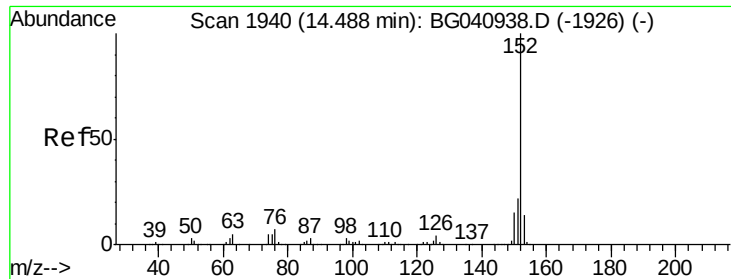
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 98.980 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

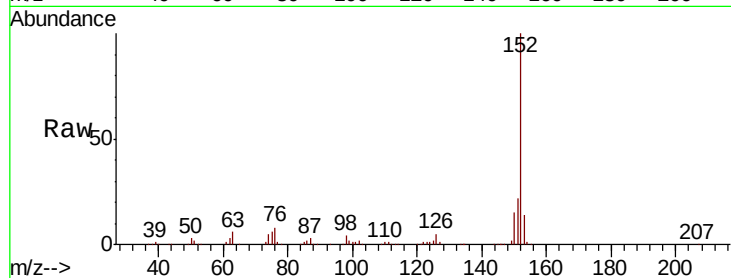
Tot Ion:152 Resp: 551050

Ion Ratio Lower Upper

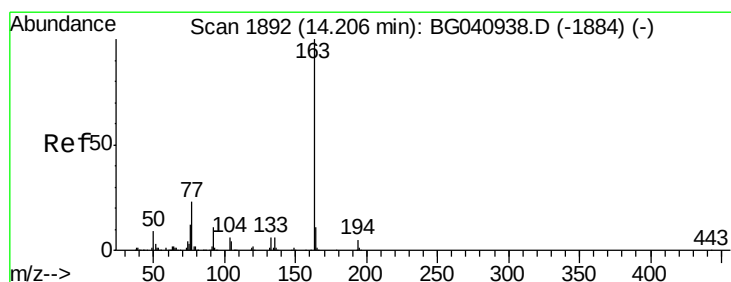
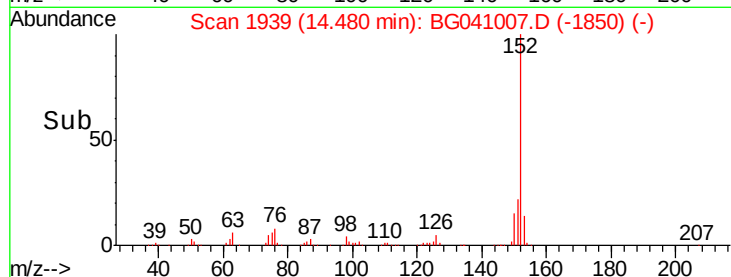
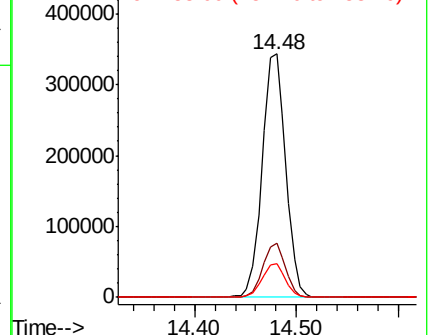
152 100

151 22.0 17.4 26.0

153 14.1 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 94.137 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

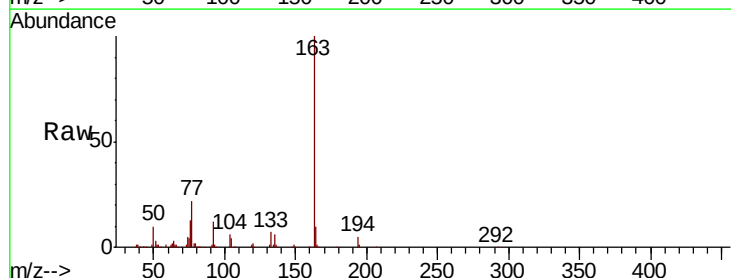
Tgt Ion:163 Resp: 463859

Ion Ratio Lower Upper

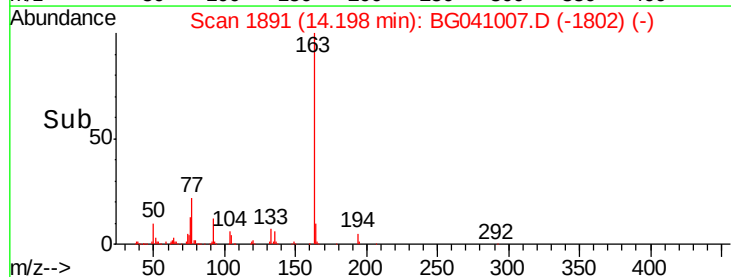
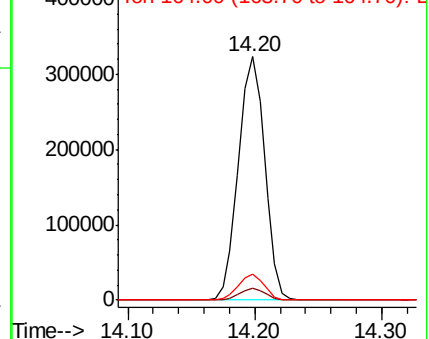
163 100

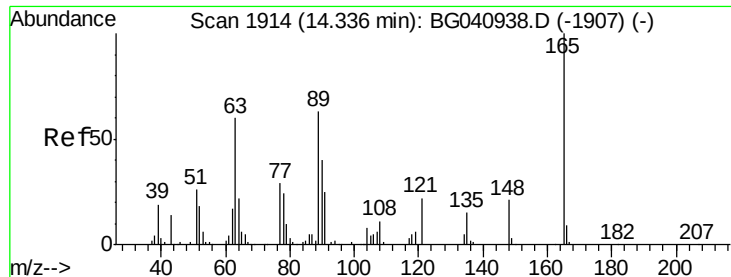
194 5.1 3.8 5.8

164 10.5 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 95.804 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

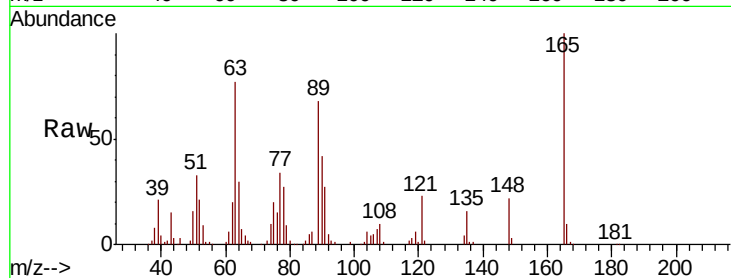
Tot Ion:165 Resp: 101783

Ion Ratio Lower Upper

165 100

63 77.0 53.6 80.4

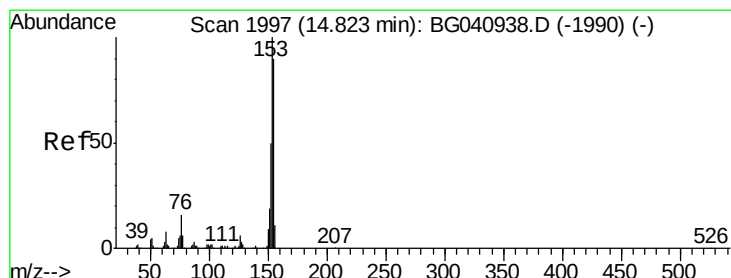
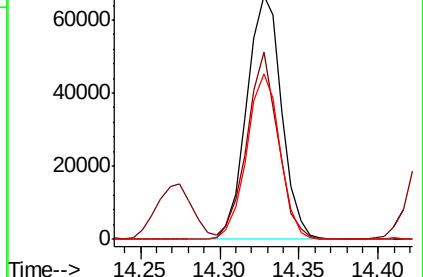
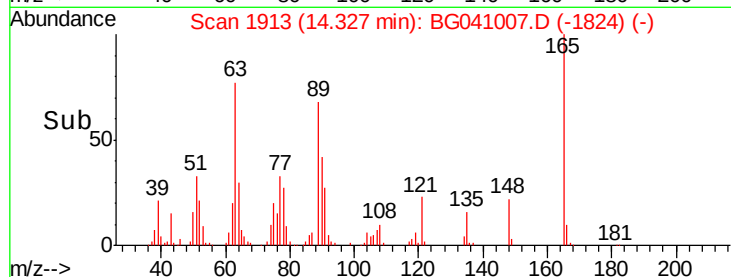
89 67.8 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 97.070 ng

RT: 14.82 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

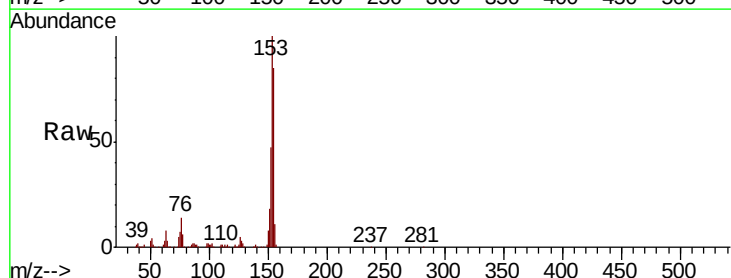
Tgt Ion:154 Resp: 327381

Ion Ratio Lower Upper

154 100

153 117.6 88.6 133.0

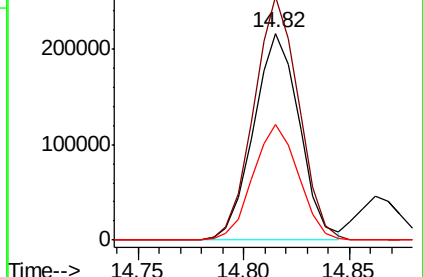
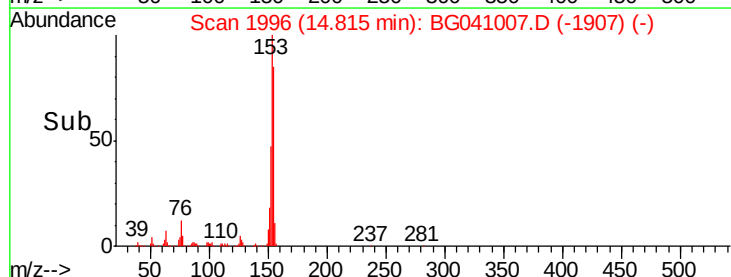
152 55.7 44.2 66.4

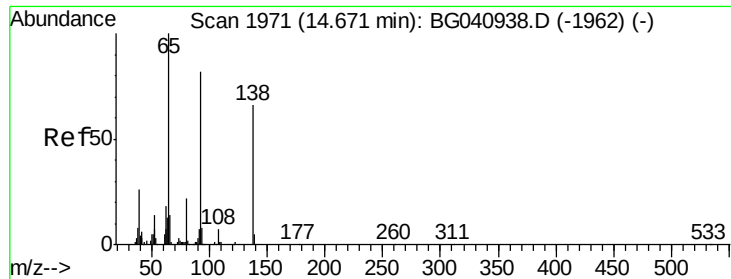


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

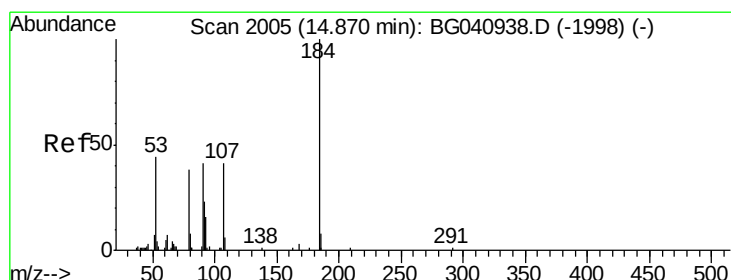
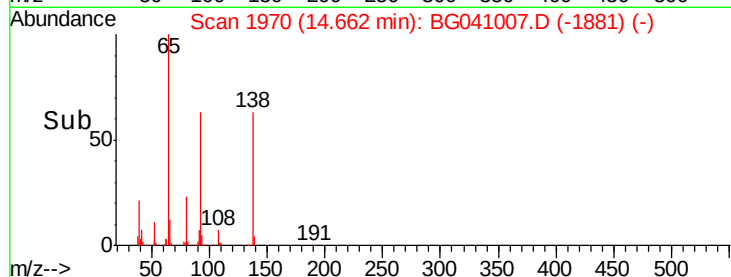
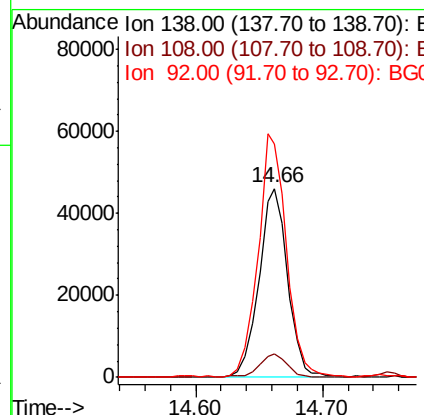
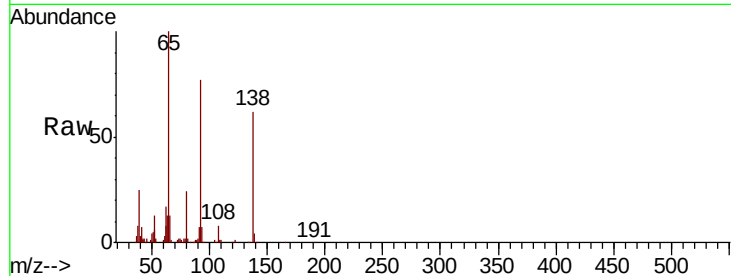




#53
 3-Nitroaniline
 Concen: 68.072 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

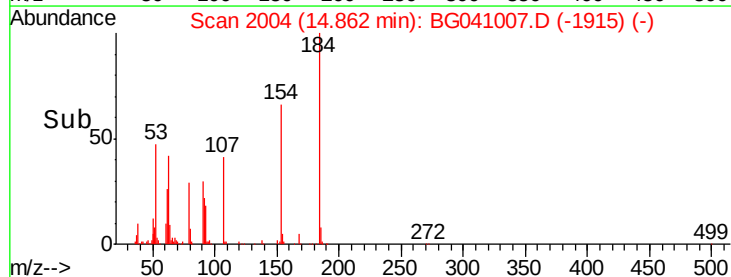
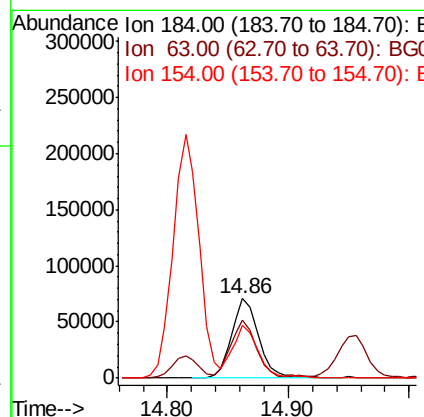
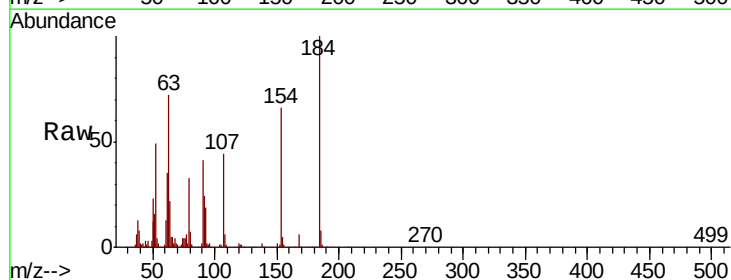
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

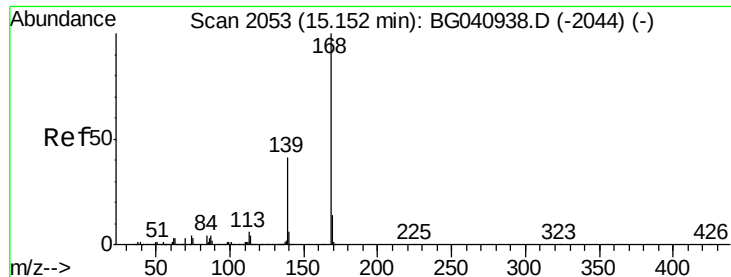
Tot Ion:138 Resp: 72318
 Ion Ratio Lower Upper
 138 100
 108 12.6 8.5 12.7
 92 123.6 99.0 148.6



#54
 2,4-Dinitrophenol
 Concen: 149.164 ng
 RT: 14.86 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Tgt Ion:184 Resp: 111628
 Ion Ratio Lower Upper
 184 100
 63 72.5 49.8 74.6
 154 65.7 52.2 78.4

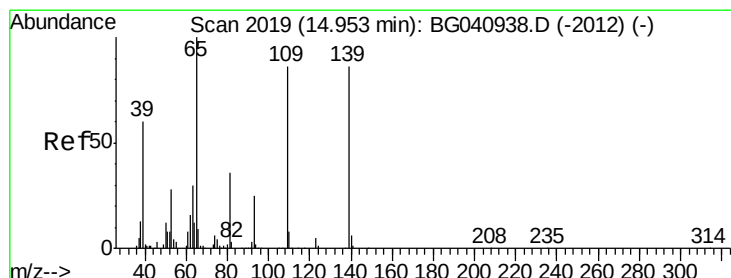
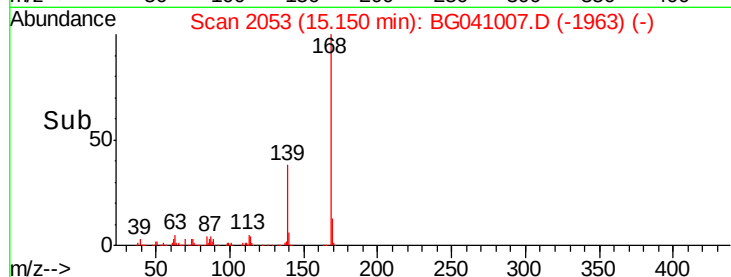
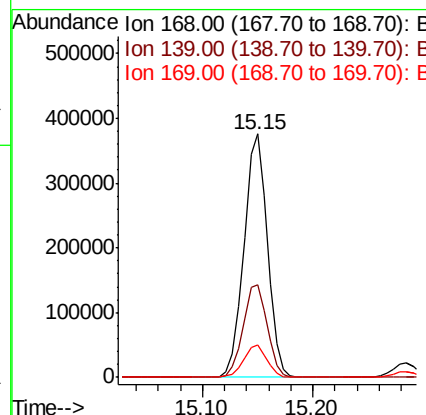
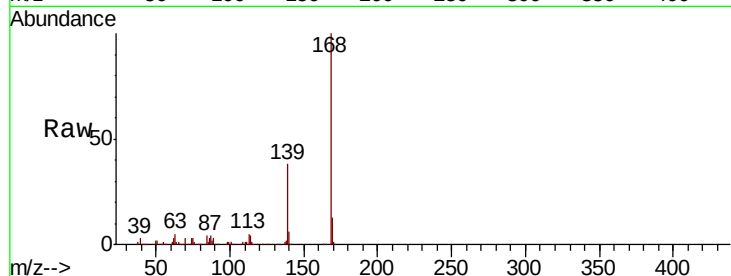




#55
Dibenzofuran
Concen: 98.429 ng
RT: 15.15 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

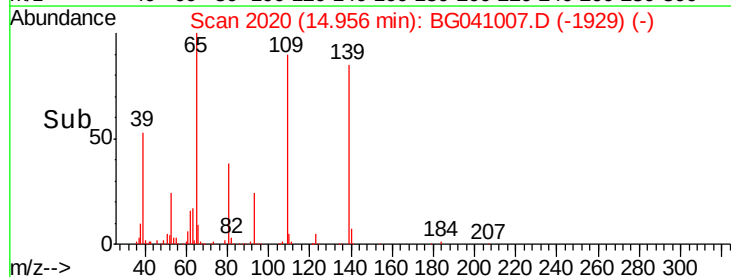
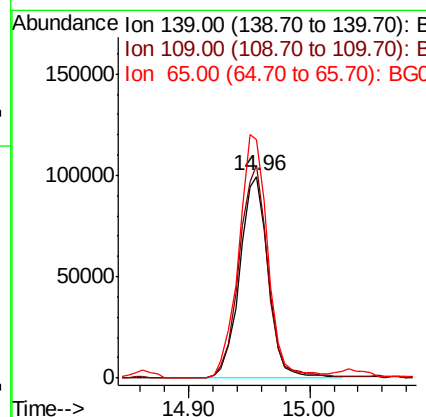
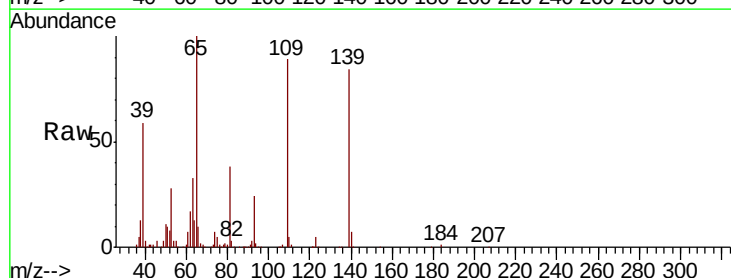
Instrument :
BNA_G
ClientSampleId :
PB120101BS

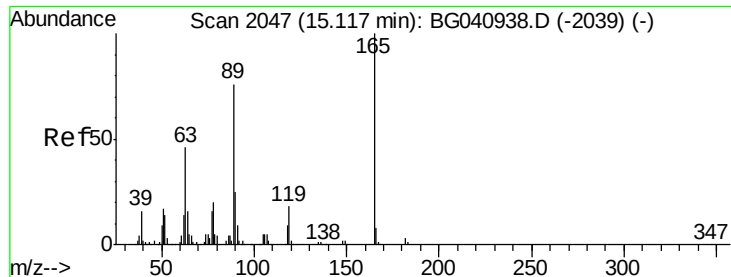
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	32.8	49.2
169	13.3	11.3	16.9



#56
4-Nitrophenol
Concen: 224.820 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.5	79.6	119.6
65	118.6	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 100.699 ng

RT: 15.11 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

Tot Ion:165 Resp: 151123

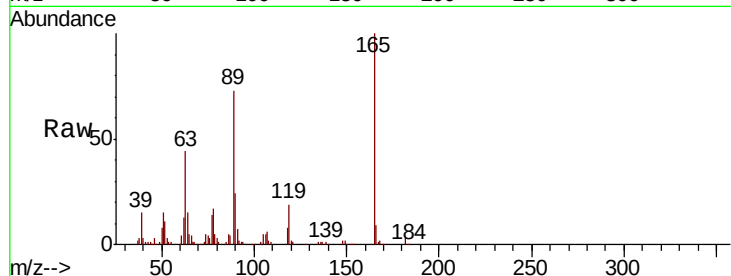
Ion Ratio Lower Upper

165 100

63 44.5 37.3 55.9

89 73.5 61.0 91.6

182 3.4 2.2 3.2#

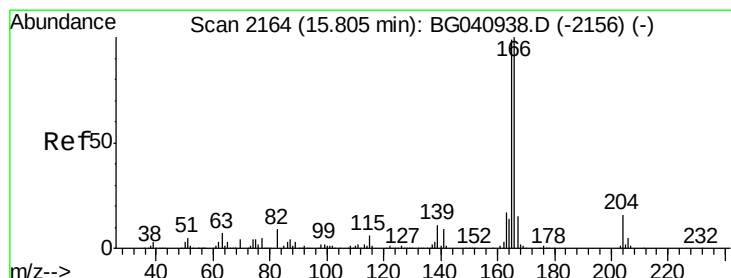
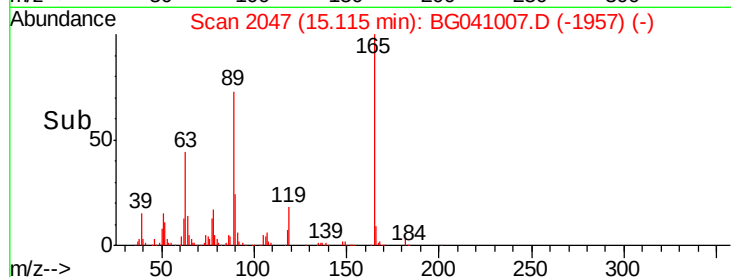
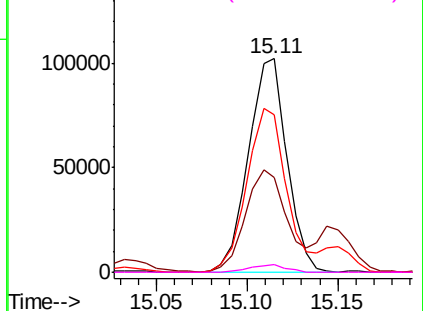


Abundance Ion 165.00 (164.70 to 165.70): E

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: 97.825 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

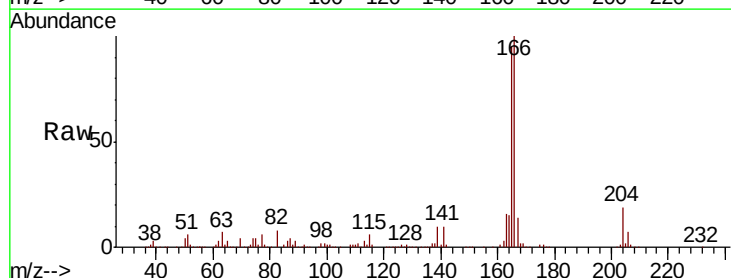
Tgt Ion:166 Resp: 442117

Ion Ratio Lower Upper

166 100

165 95.5 79.2 118.8

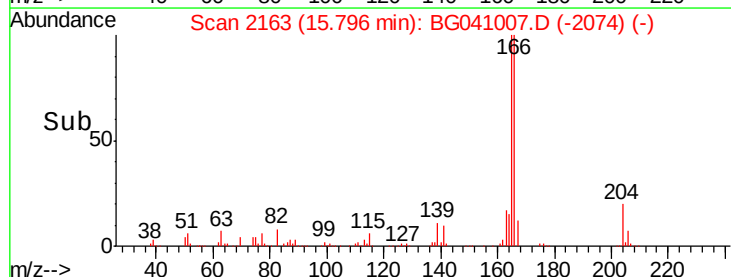
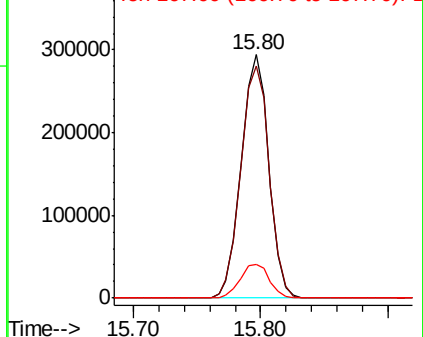
167 13.7 11.8 17.6

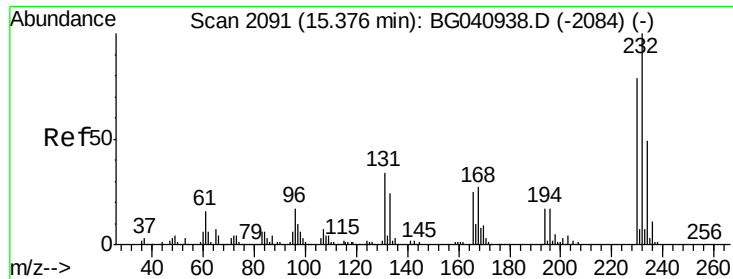


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

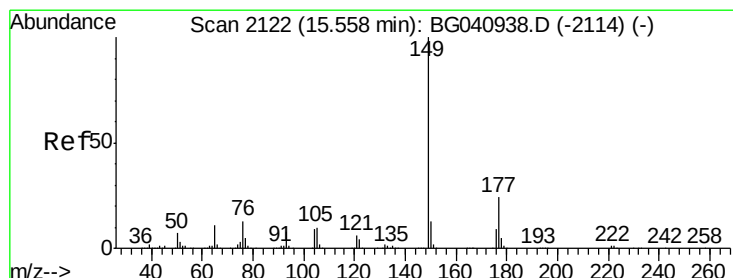
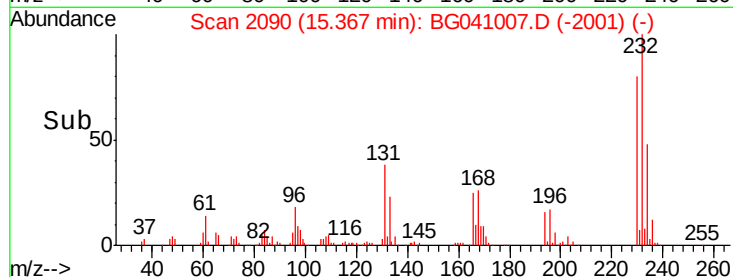
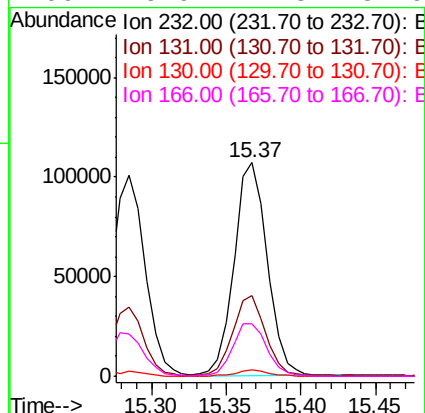
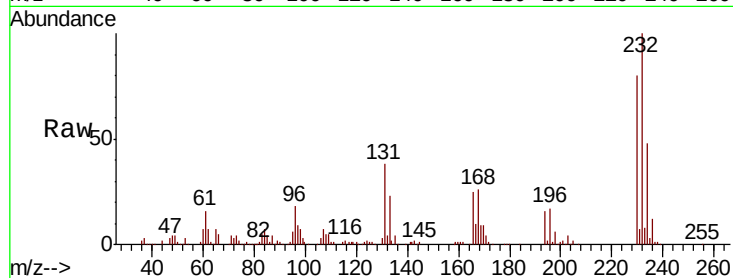




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 105.089 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

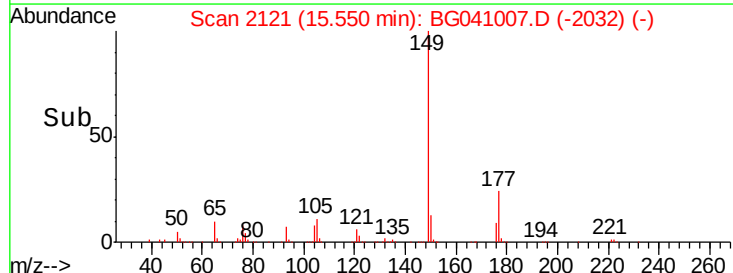
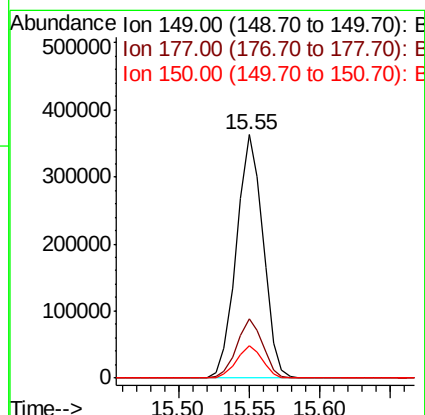
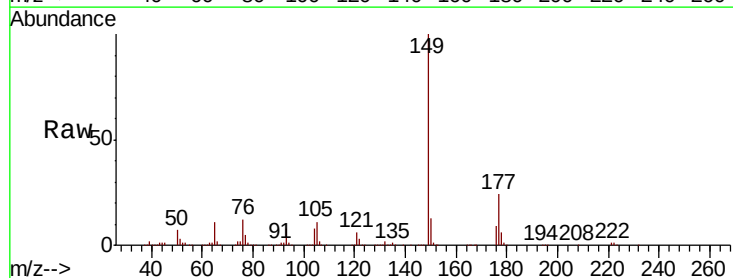
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

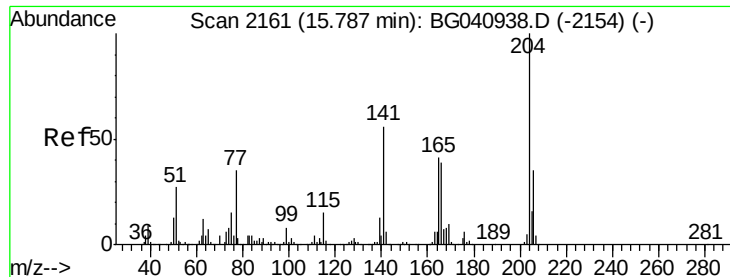
Tot Ion:232	Resp:	165314
Ion	Ratio	Lower Upper
232	100	
131	38.3	30.3 45.5
130	2.7	1.8 2.8
166	25.9	21.3 31.9



#60
 Diethylphthalate
 Concen: 94.941 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Tgt Ion:149	Resp:	477427
Ion	Ratio	Lower Upper
149	100	
177	24.2	19.4 29.0
150	13.4	10.3 15.5

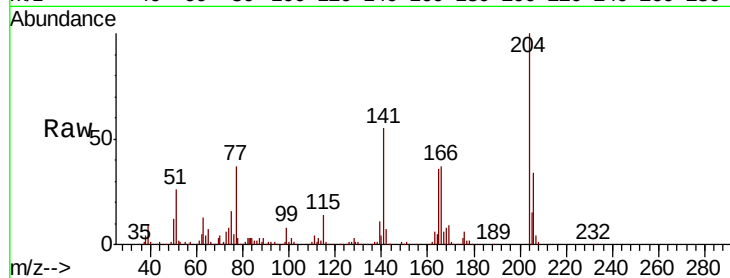




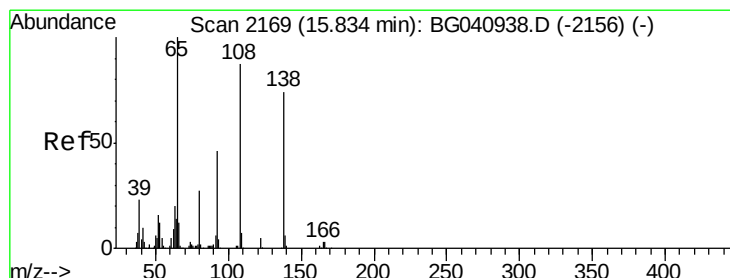
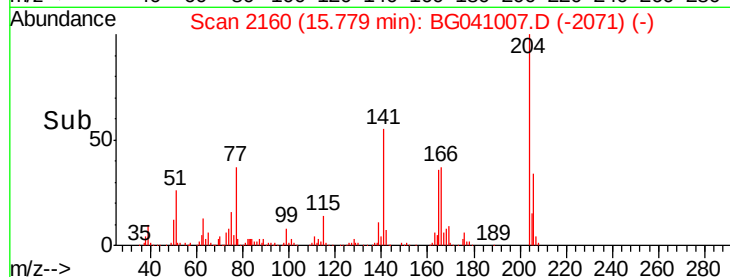
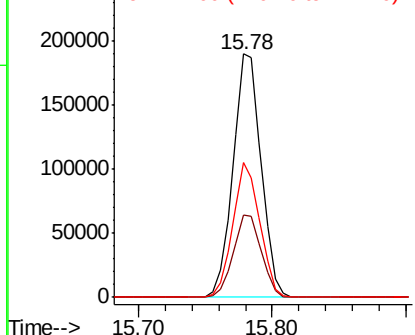
#61
4-Chlorophenyl-phenylether
Concen: 94.291 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion:204 Resp: 276987
Ion Ratio Lower Upper
204 100
206 34.1 27.6 41.4
141 55.1 45.1 67.7

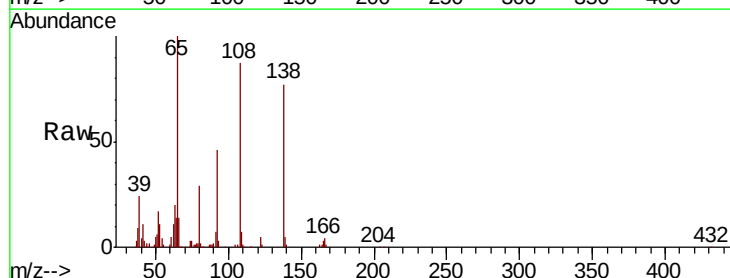


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

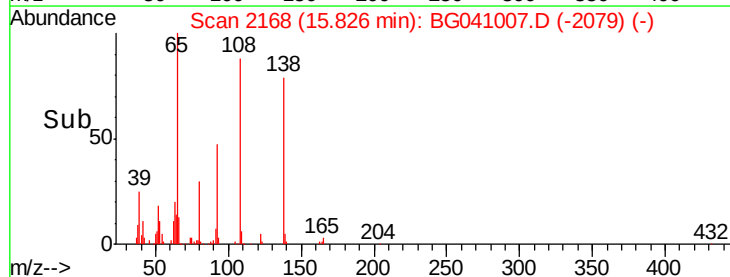
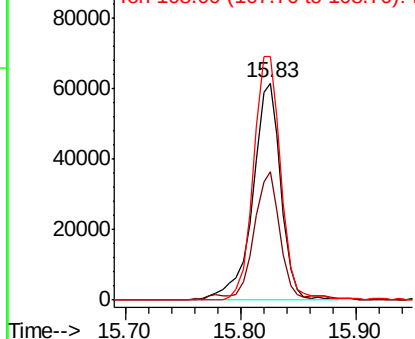


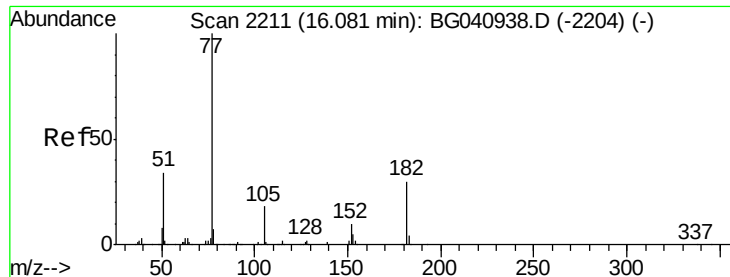
#62
4-Nitroaniline
Concen: 92.776 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion:138 Resp: 104346
Ion Ratio Lower Upper
138 100
92 59.3 42.4 82.4
108 112.1 96.9 136.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 98.973 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

Tot Ion: 77 Resp: 452356

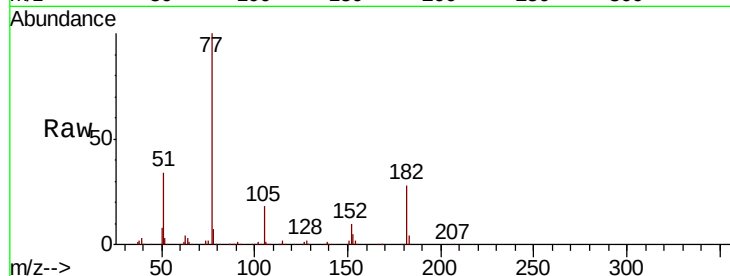
Ion Ratio Lower Upper

77 100

182 28.0 9.6 49.6

105 17.9 0.0 37.5

51 33.6 13.7 53.7

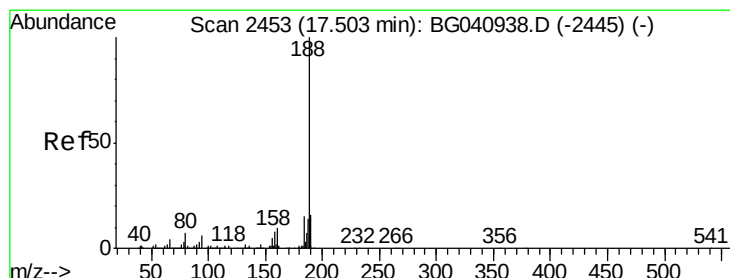
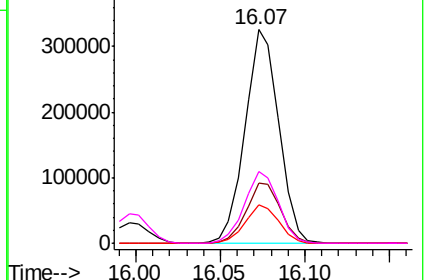
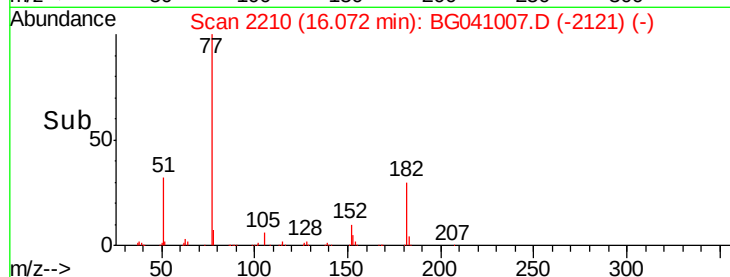


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

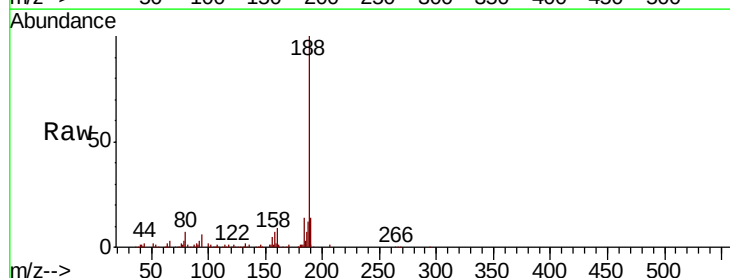
Tgt Ion: 188 Resp: 152604

Ion Ratio Lower Upper

188 100

94 6.1 4.7 7.1

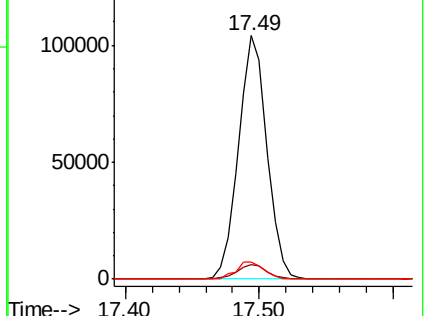
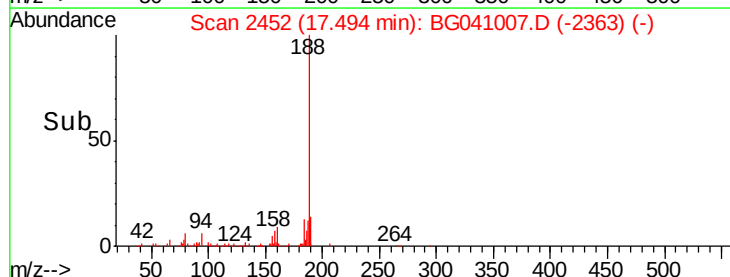
80 6.8 5.8 8.8

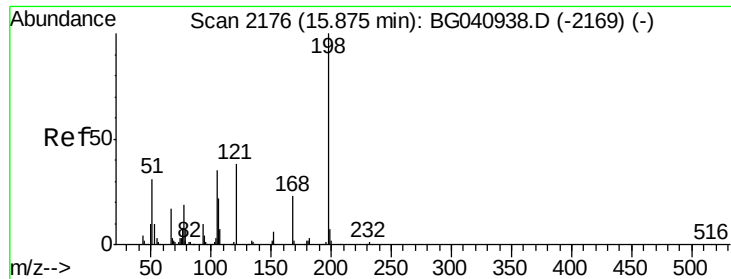


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 90.927 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

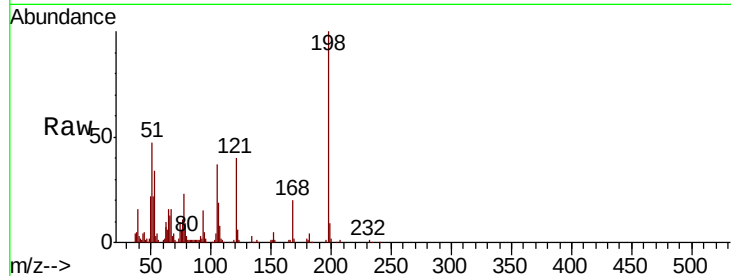
Tot Ion:198 Resp: 82006

Ion Ratio Lower Upper

198 100

51 47.0 21.6 61.6

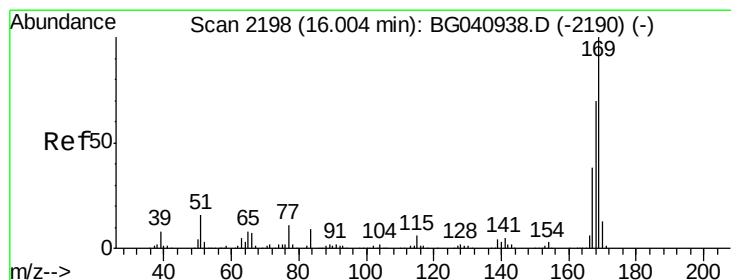
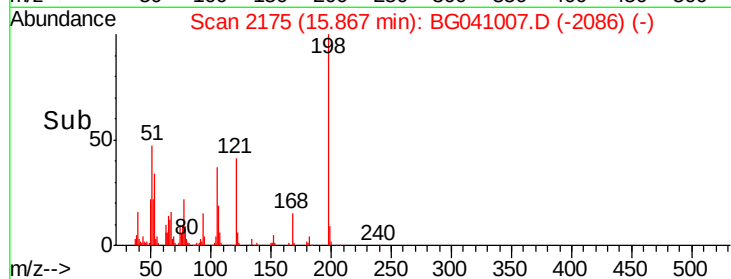
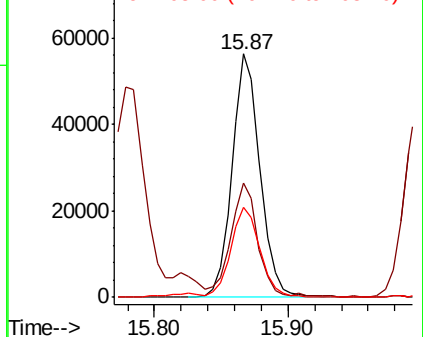
105 36.9 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 94.236 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

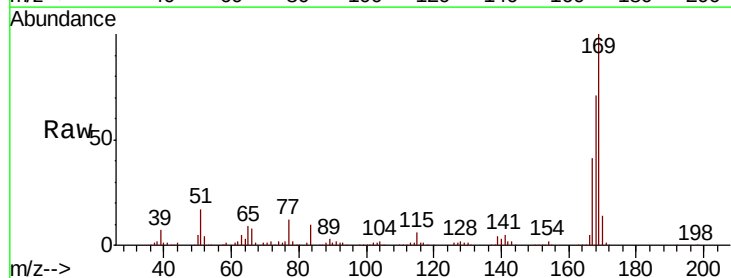
Tgt Ion:169 Resp: 404259

Ion Ratio Lower Upper

169 100

168 71.2 55.7 83.5

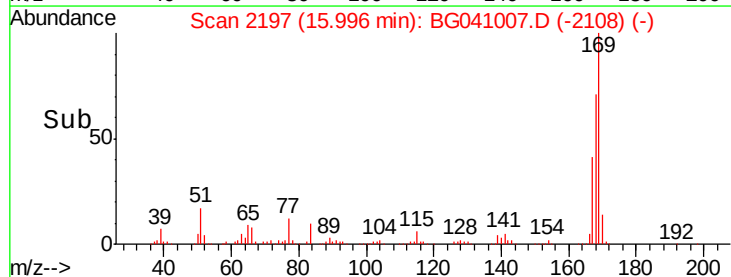
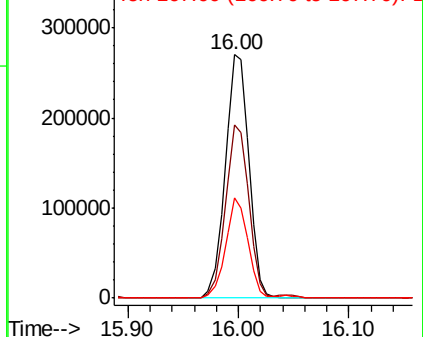
167 40.9 30.2 45.2

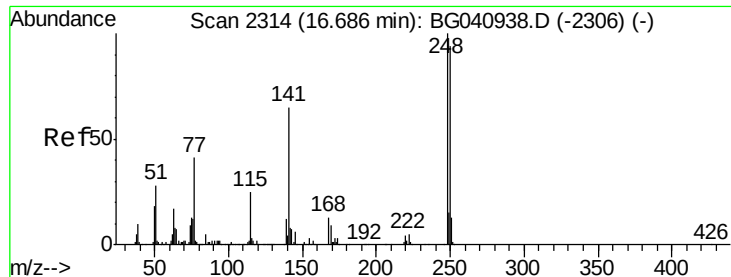


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

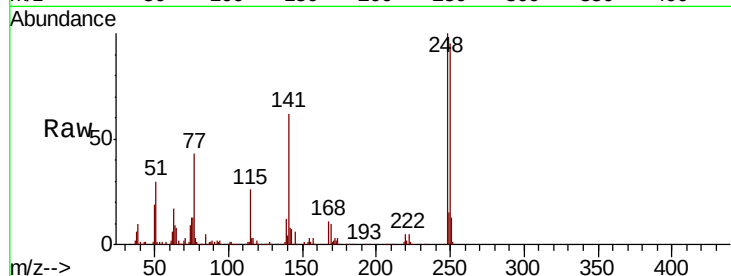




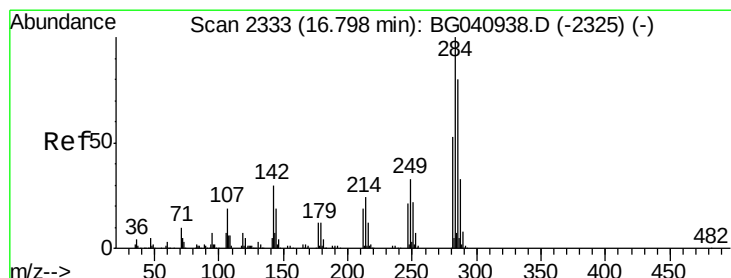
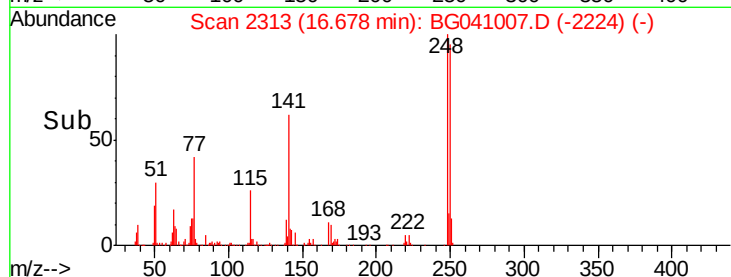
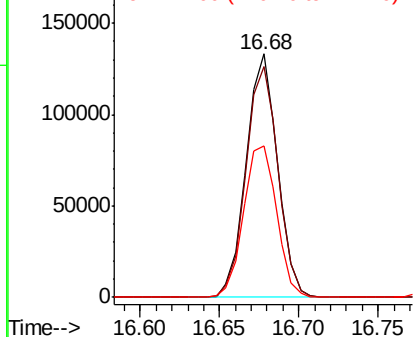
#67
4-Bromophenyl-phenylether
Concen: 88.505 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion:248 Resp: 182271
Ion Ratio Lower Upper
248 100
250 94.6 75.0 112.4
141 62.4 52.4 78.6

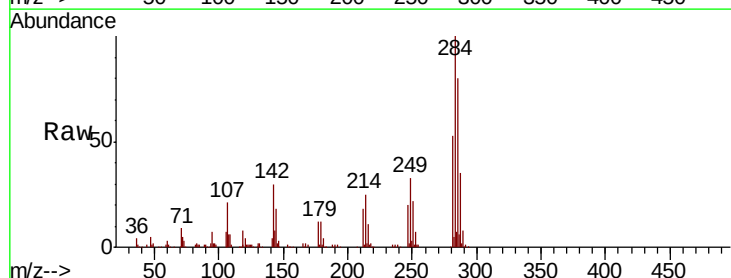


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

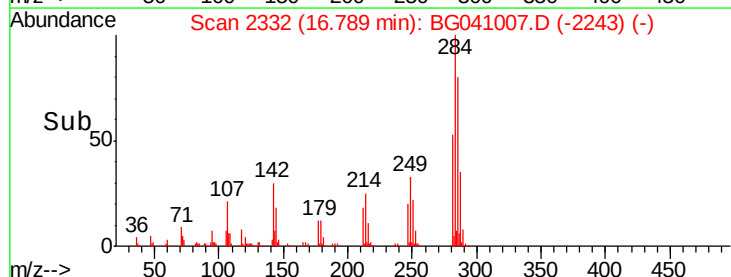
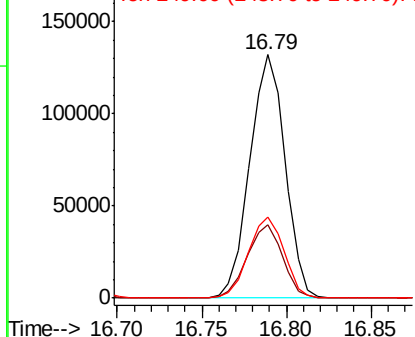


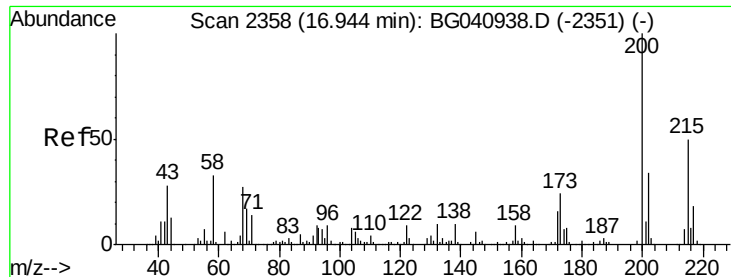
#68
Hexachlorobenzene
Concen: 87.657 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion:284 Resp: 192230
Ion Ratio Lower Upper
284 100
142 30.1 23.9 35.9
249 33.5 26.8 40.2



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

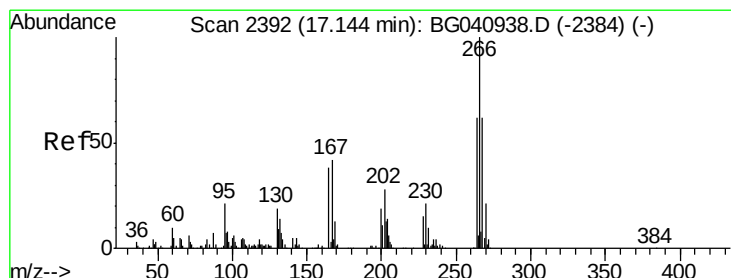
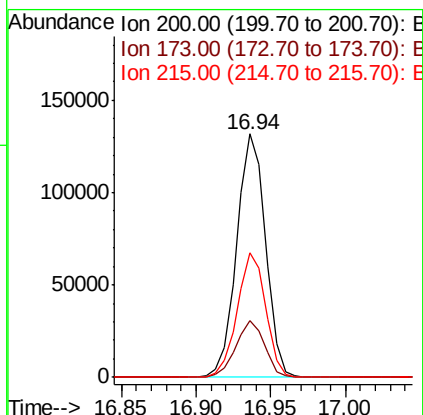
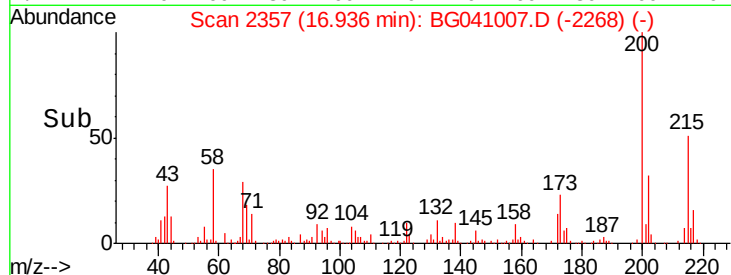
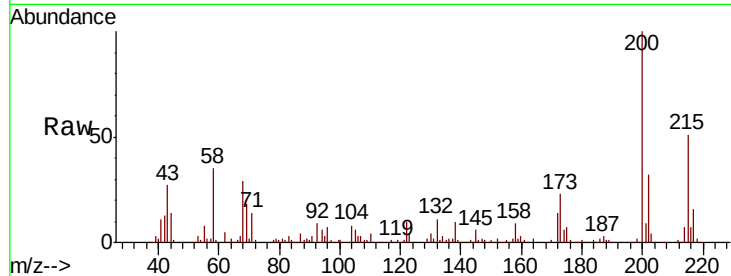




#69
Atrazine
Concen: 106.661 ng
RT: 16.94 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

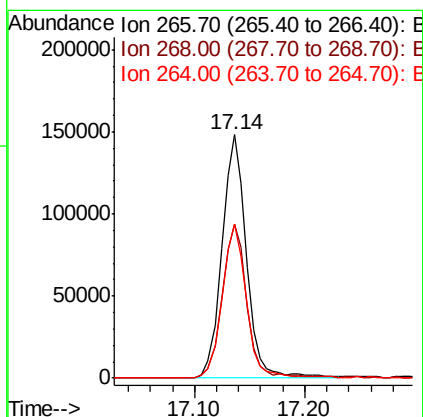
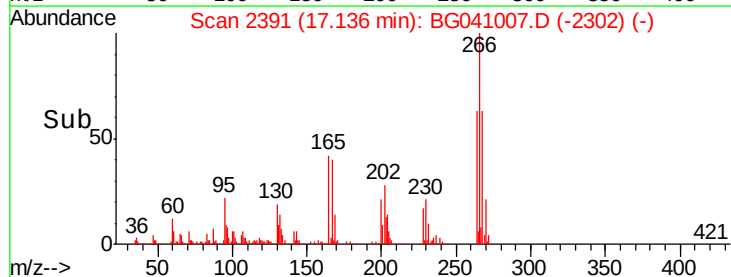
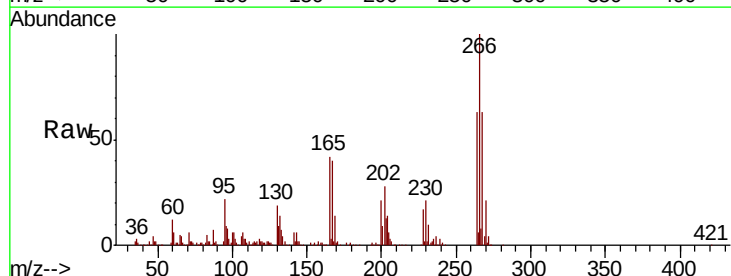
Instrument :
BNA_G
ClientSampleId :
PB120101BS

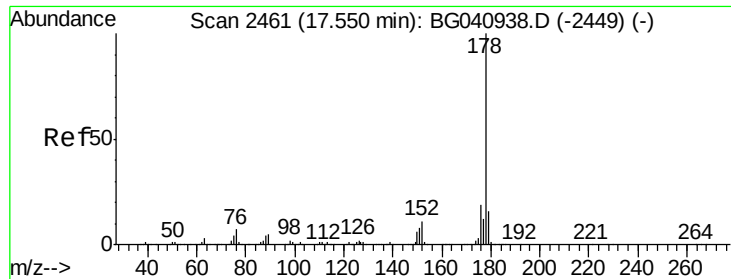
Tot Ion:200 Resp: 176553
Ion Ratio Lower Upper
200 100
173 23.1 3.6 43.6
215 51.1 29.6 69.6



#70
Pentachlorophenol
Concen: 188.960 ng
RT: 17.14 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion:266 Resp: 229180
Ion Ratio Lower Upper
266 100
268 63.3 53.1 79.7
264 63.1 49.9 74.9

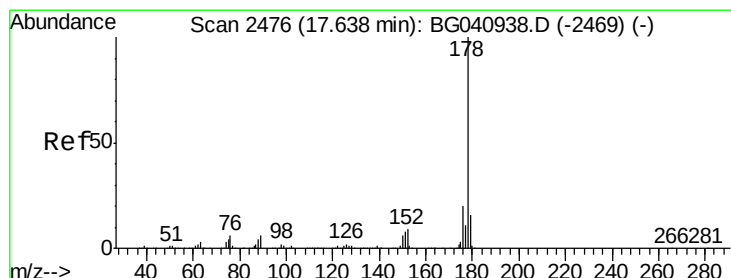
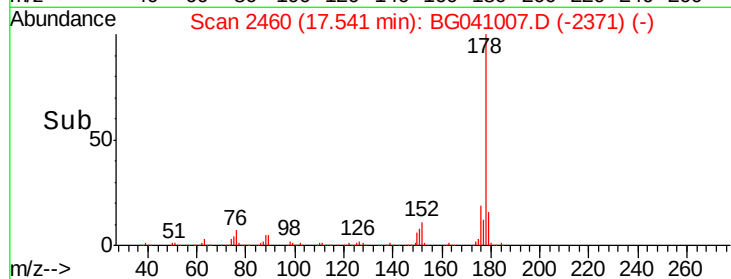
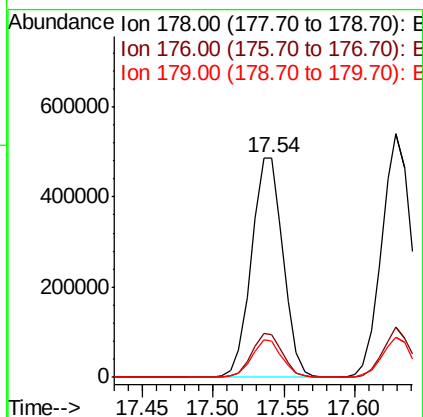
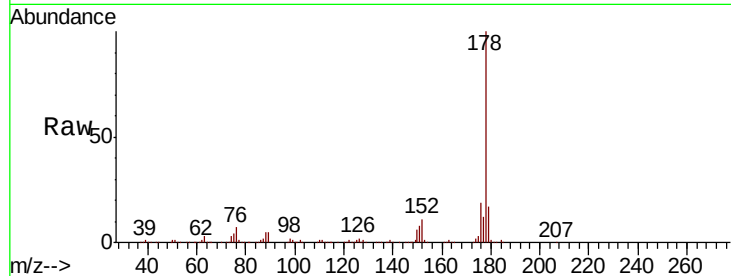




#71
Phenanthrene
Concen: 96.175 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

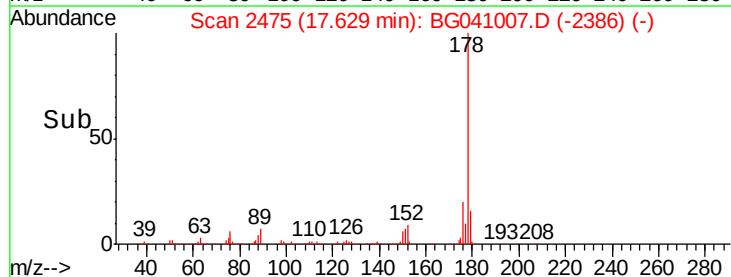
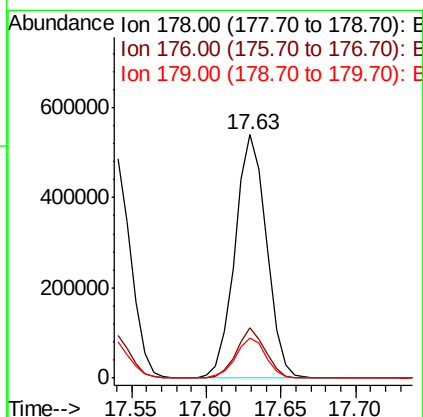
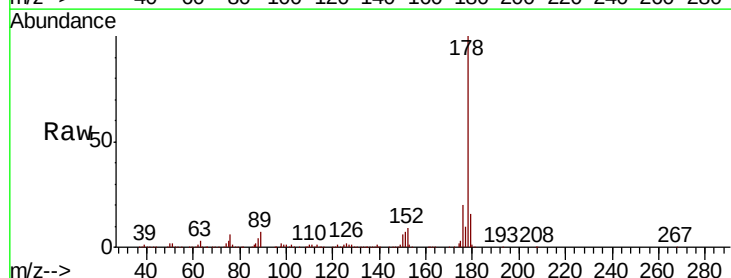
Instrument :
BNA_G
ClientSampleId :
PB120101BS

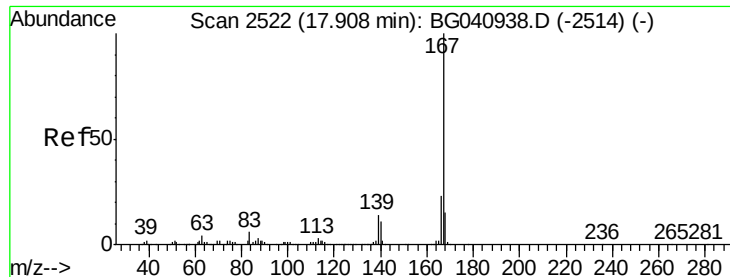
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	16.5	12.7	19.1



#72
Anthracene
Concen: 100.891 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.6	23.4
179	16.3	13.0	19.4

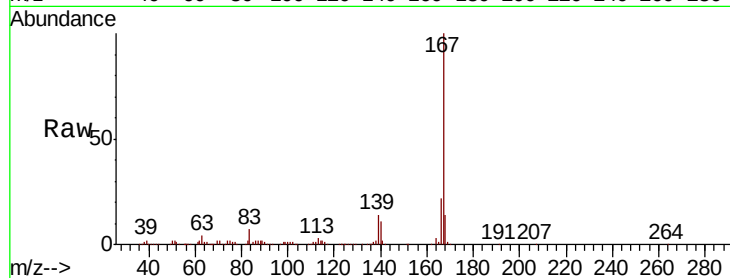




#73
 Carbazole
 Concen: 100.986 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.2	27.4
139	13.5	10.8	16.2

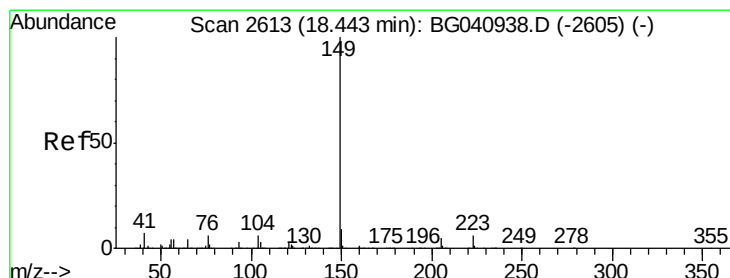
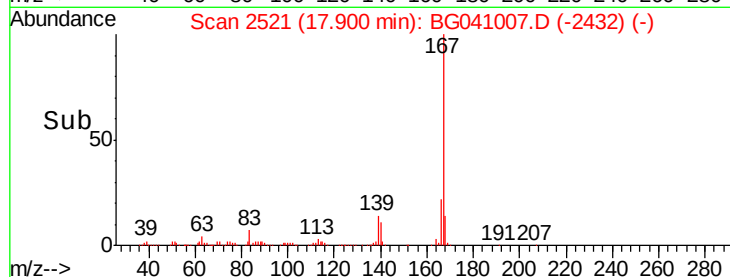
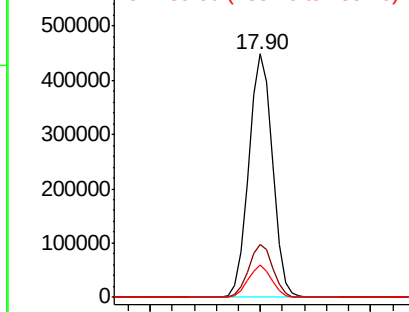


Abundance

Ion 167.00 (166.70 to 167.70): E

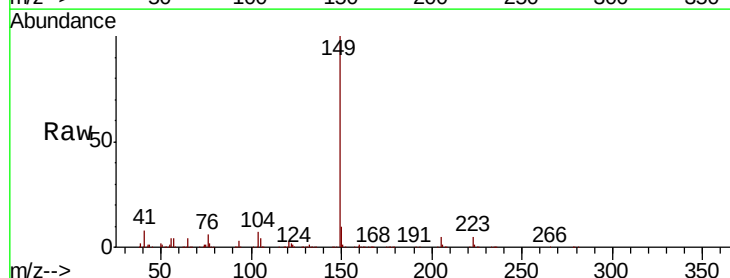
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 95.383 ng
 RT: 18.43 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG041007.D
 Acq: 1 Jun 2019 11:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.4	11.2
104	6.6	5.0	7.4

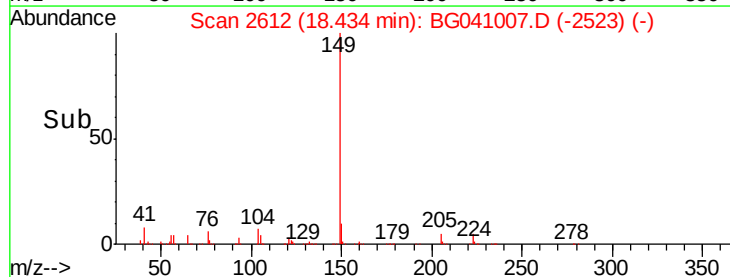
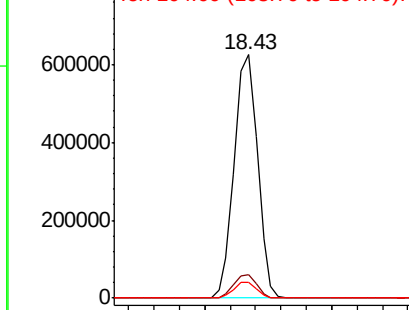


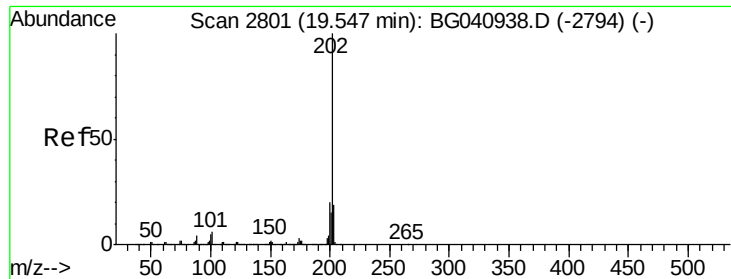
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 102.333 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

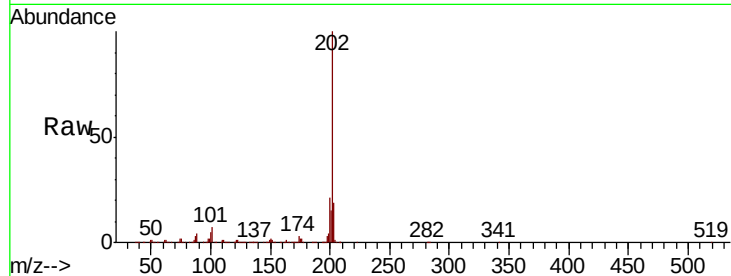
Tot Ion:202 Resp: 1004733

Ion Ratio Lower Upper

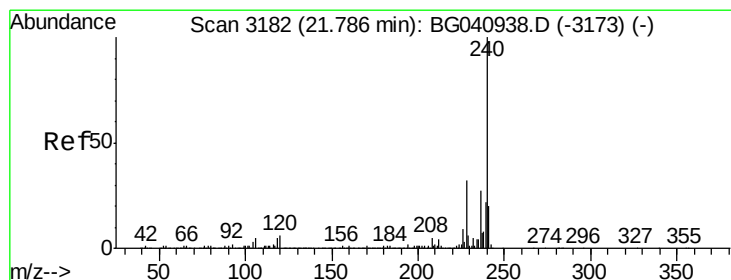
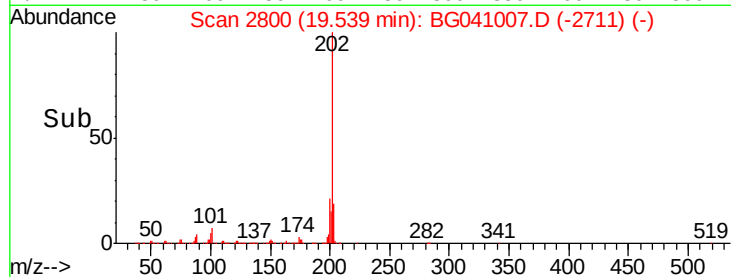
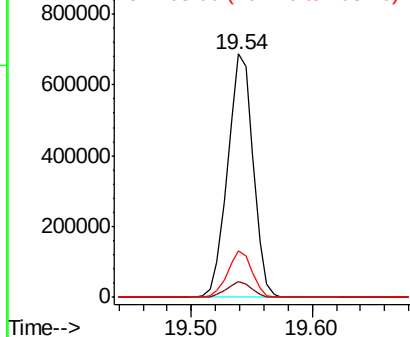
202 100

101 6.5 0.0 26.2

203 18.9 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

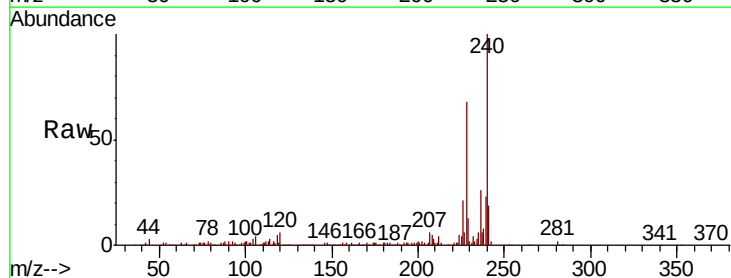
Tgt Ion:240 Resp: 153101

Ion Ratio Lower Upper

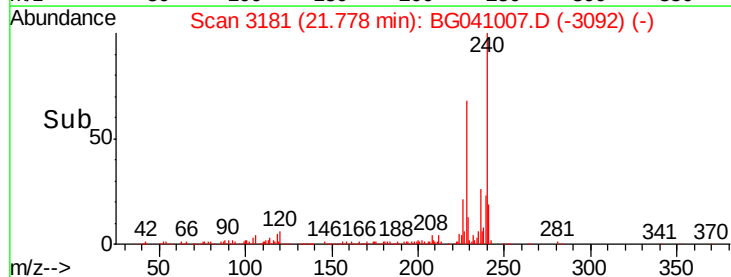
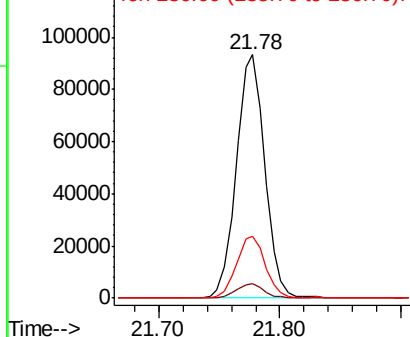
240 100

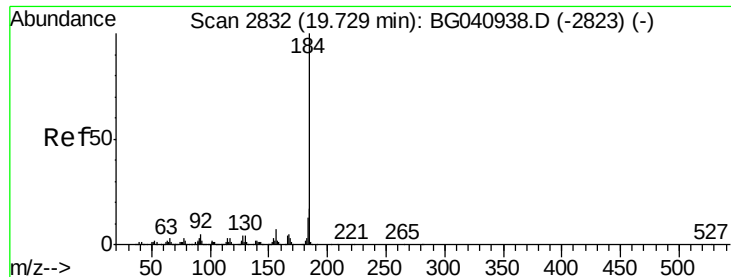
120 6.0 4.5 6.7

236 25.6 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 97.556 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

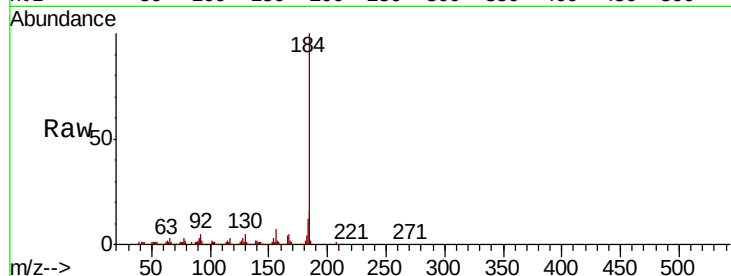
Tot Ion:184 Resp: 356302

Ion Ratio Lower Upper

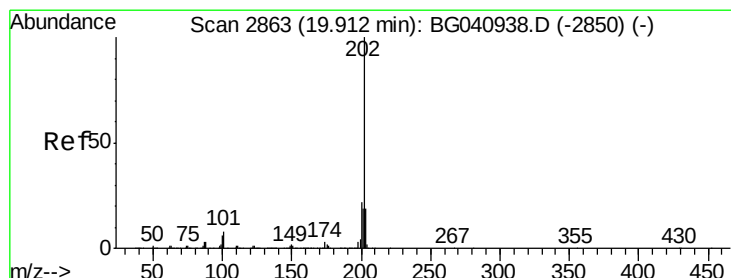
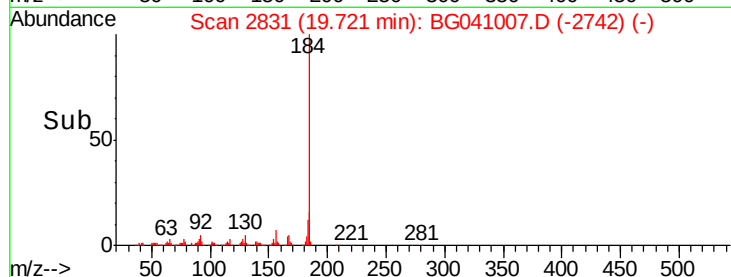
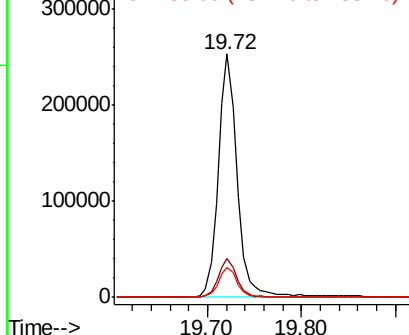
184 100

185 16.1 13.3 19.9

183 12.2 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 100.587 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

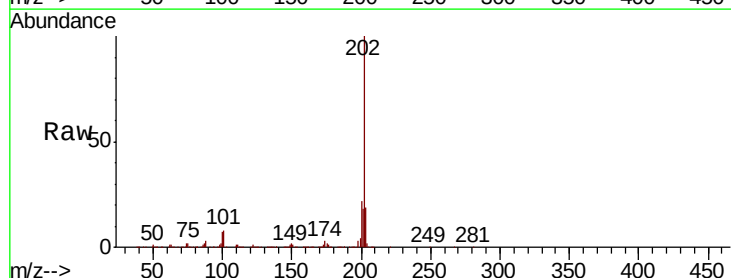
Tgt Ion:202 Resp: 1001098

Ion Ratio Lower Upper

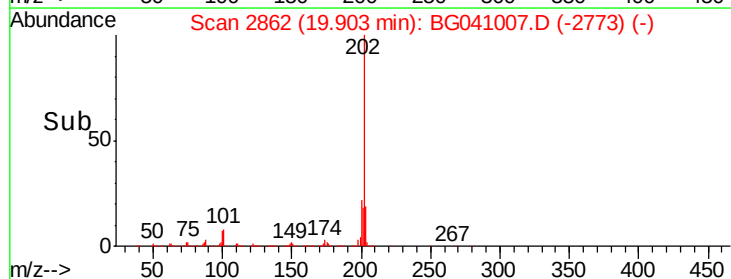
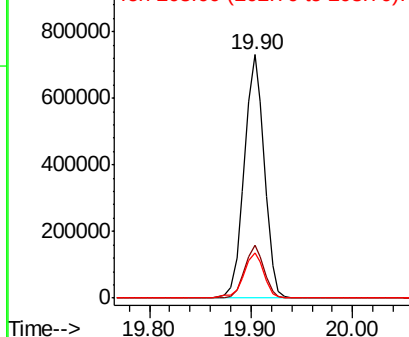
202 100

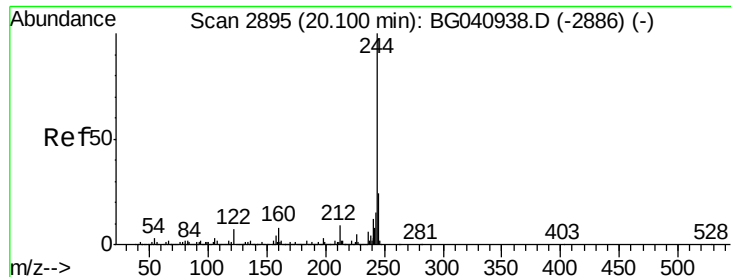
200 21.7 17.5 26.3

203 18.7 15.6 23.4



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





#79

Terphenyl-d14

Concen: 107.220 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

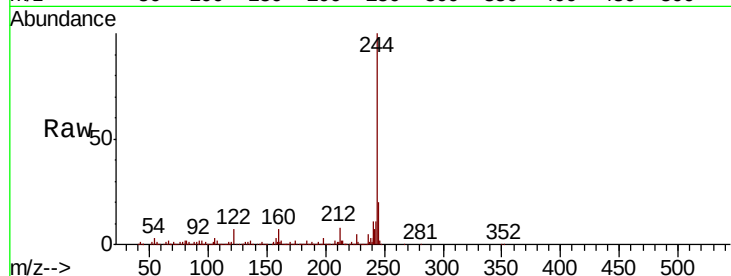
Tot Ion:244 Resp: 773463

Ion Ratio Lower Upper

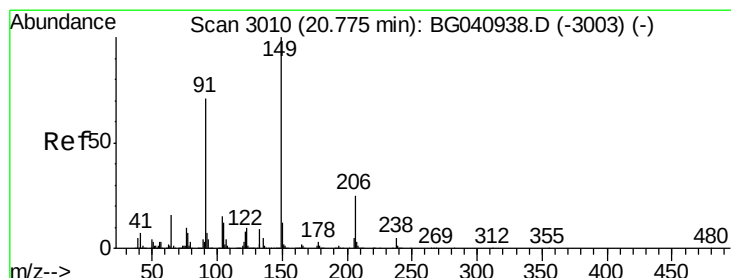
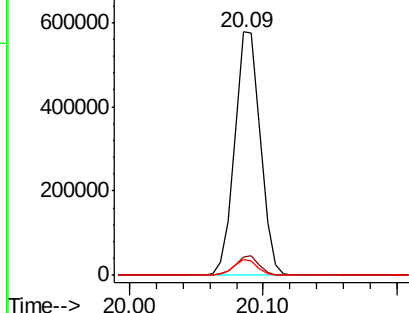
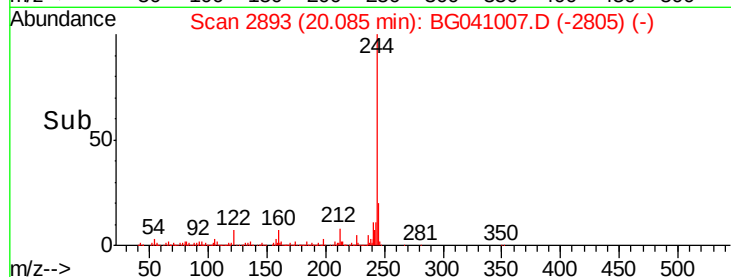
244 100

212 7.7 7.0 10.4

122 6.6 5.4 8.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 98.081 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

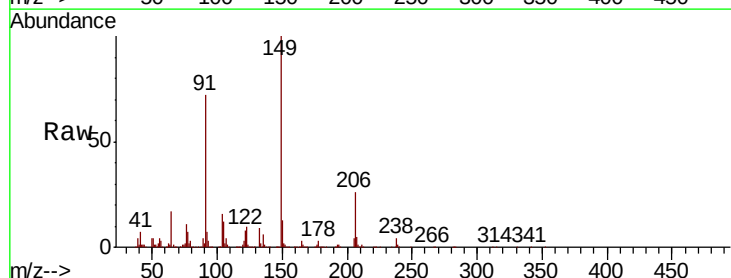
Tgt Ion:149 Resp: 379878

Ion Ratio Lower Upper

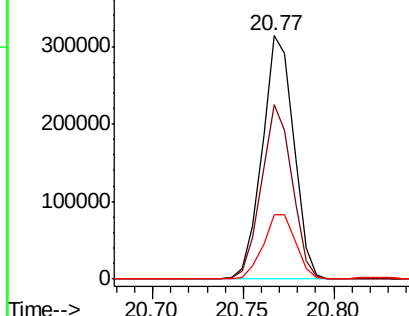
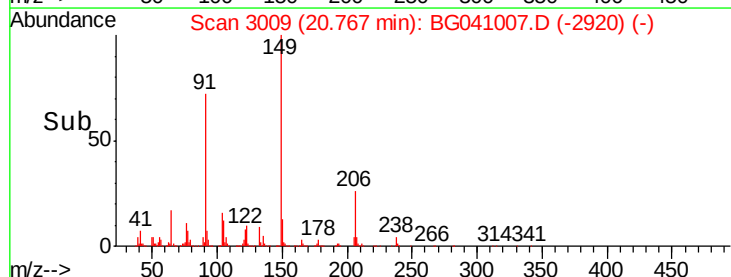
149 100

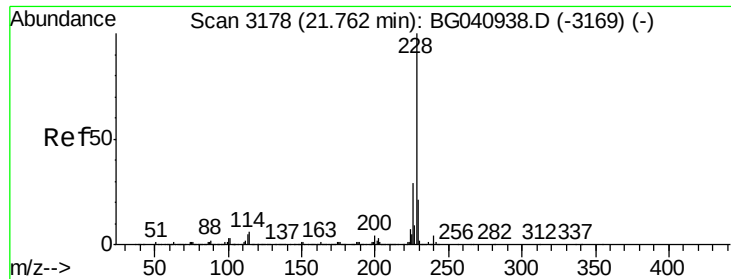
91 71.6 56.5 84.7

206 26.5 20.3 30.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 94.975 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

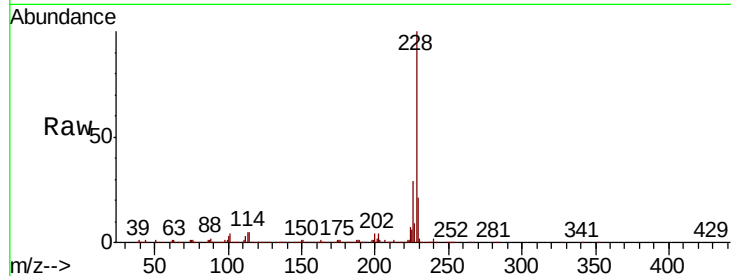
Tot Ion:228 Resp: 967928

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.5	35.3
229	21.1	16.7	25.1

228 100

226 29.2 23.5 35.3

229 21.1 16.7 25.1

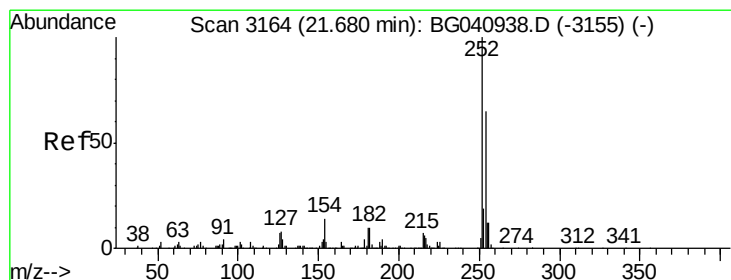
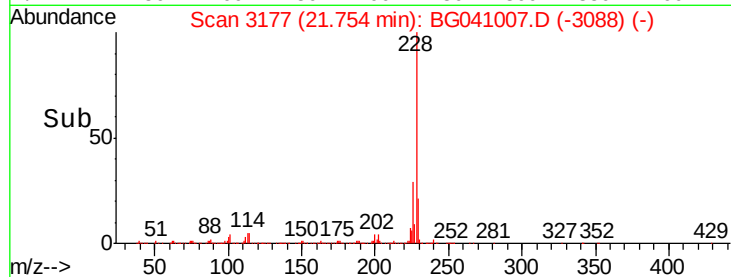
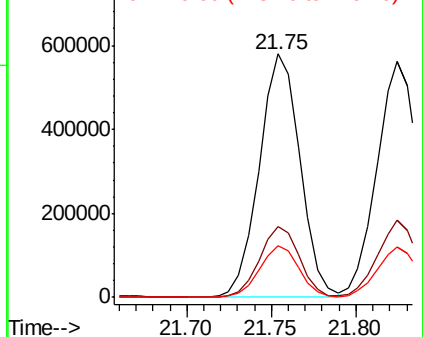


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 67.476 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

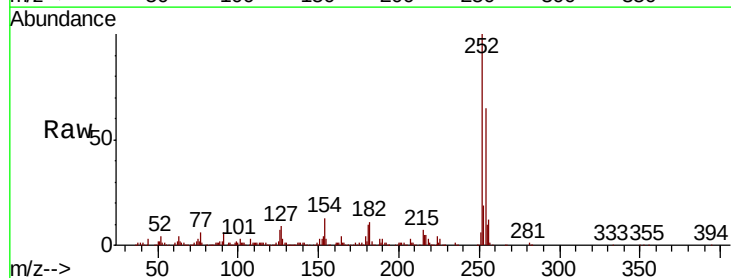
Tgt Ion:252 Resp: 241869

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.1	78.1
126	7.2	5.5	8.3

252 100

254 64.9 52.1 78.1

126 7.2 5.5 8.3

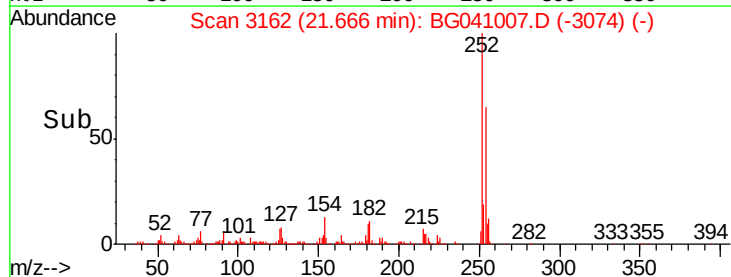
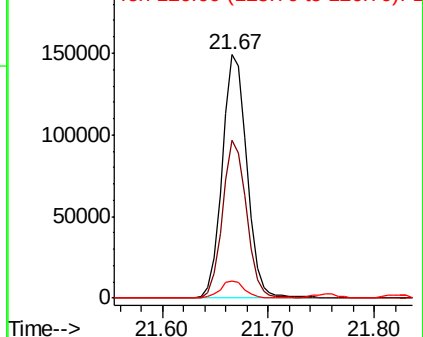


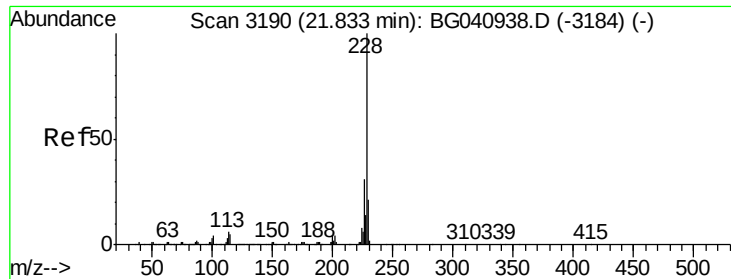
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 97.941 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

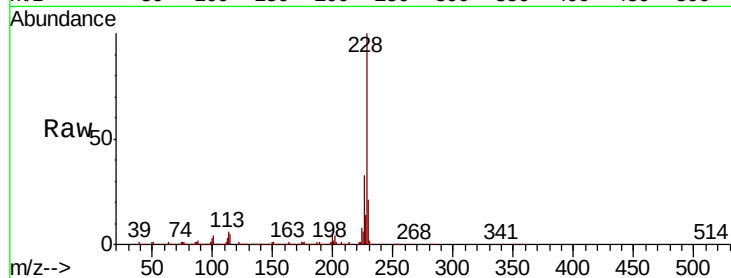
BNA_G

ClientSampleId :

PB120101BS

Tot Ion:228 Resp: 955195

Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.6	37.0
229	21.3	16.6	24.8

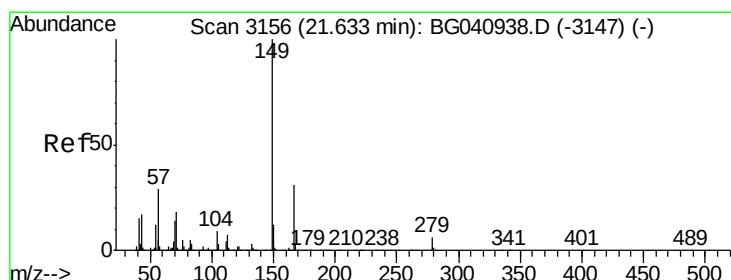
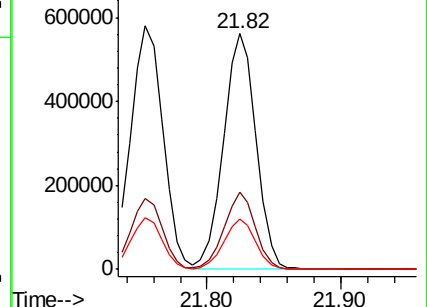
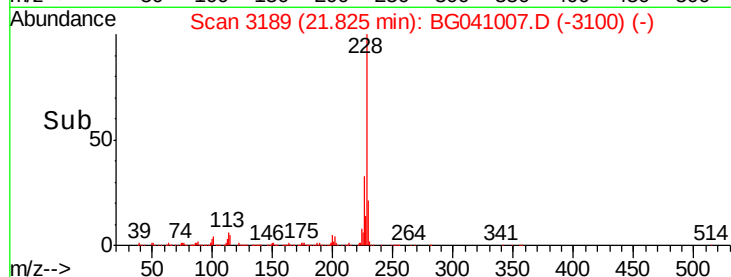


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 94.405 ng

RT: 21.62 min Scan# 3155

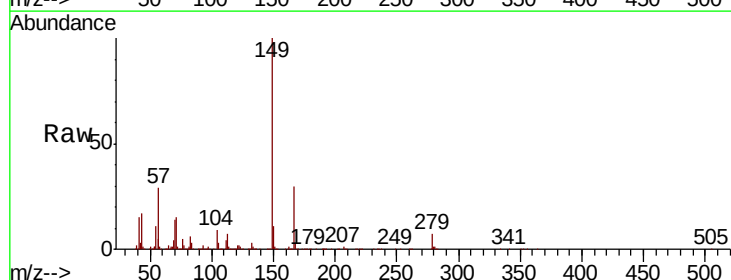
Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Tgt Ion:149 Resp: 514718

Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.6	37.0
279	7.3	5.0	7.6

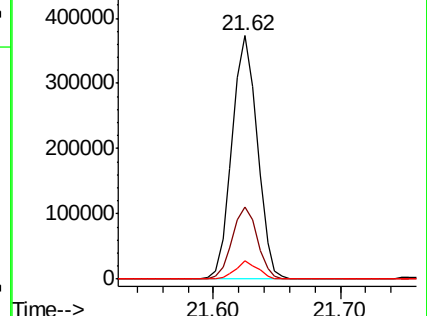
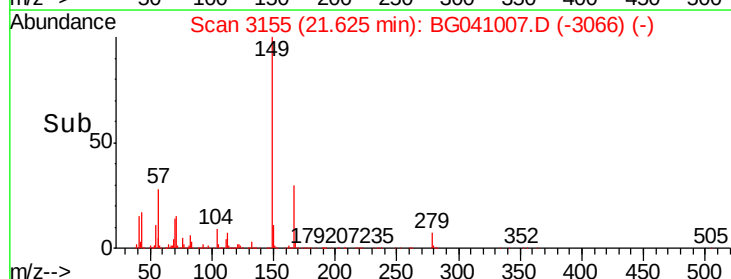


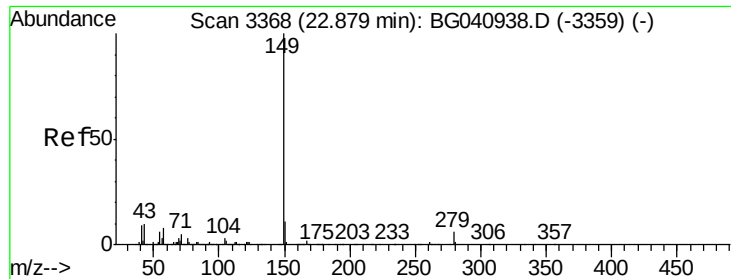
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 96.648 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampleId :

PB120101BS

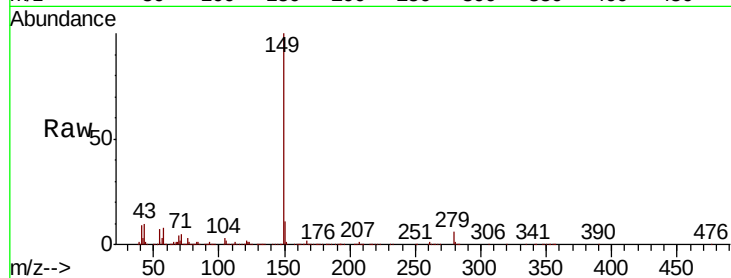
Tot Ion:149 Resp: 877607

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

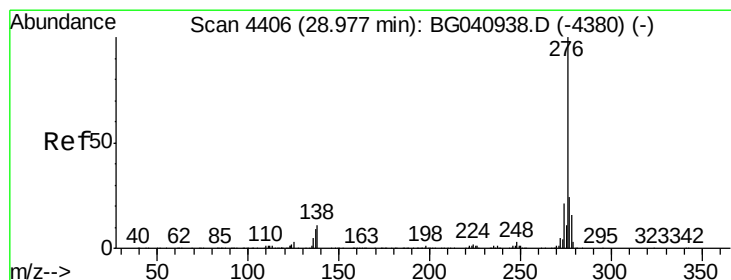
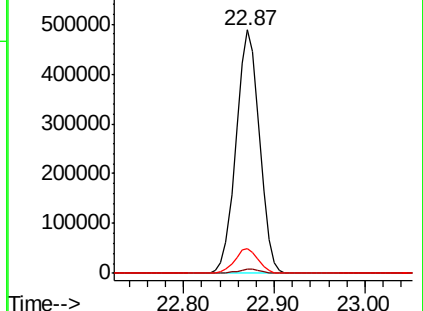
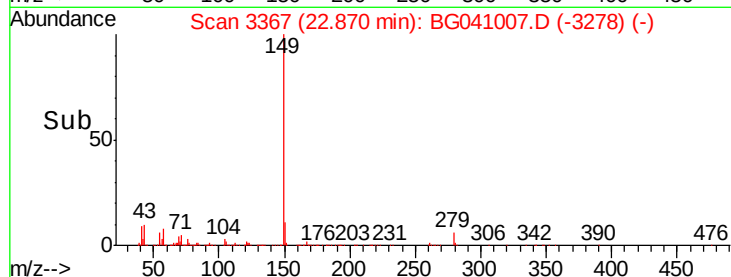
43 10.2 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 95.285 ng

RT: 28.95 min Scan# 4402

Delta R.T. -0.03 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

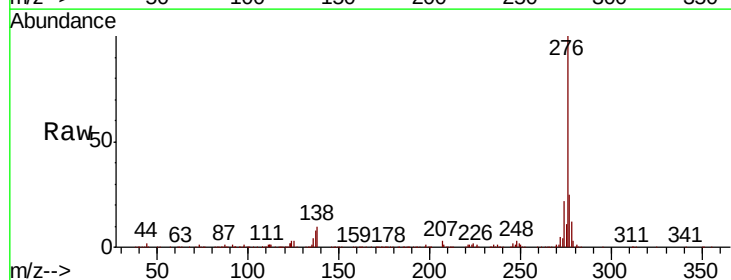
Tgt Ion:276 Resp: 1138358

Ion Ratio Lower Upper

276 100

138 9.2 5.7 8.5#

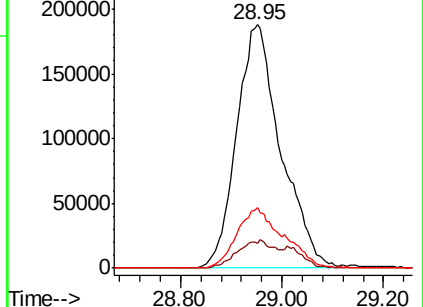
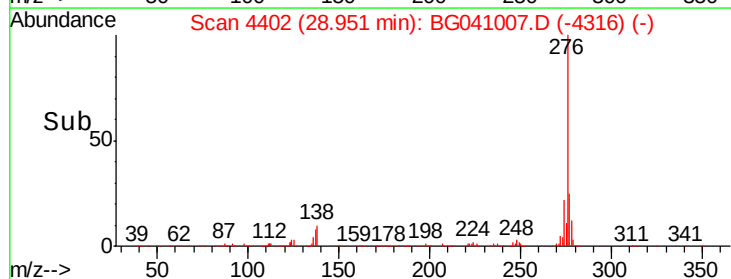
277 26.0 20.8 31.2

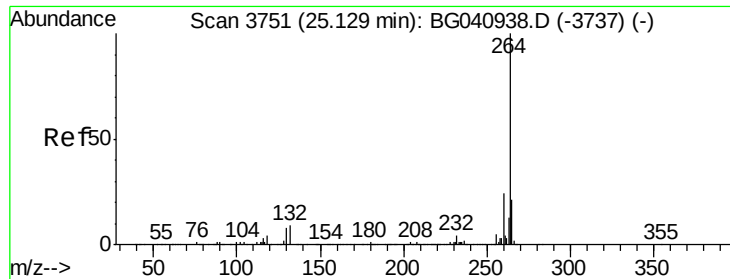


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

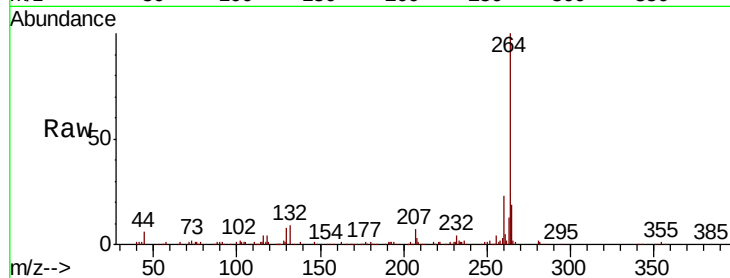
BNA_G

ClientSampleId :

PB120101BS

Tot Ion:264 Resp: 160088

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.0	28.4
265	18.8	17.0	25.4

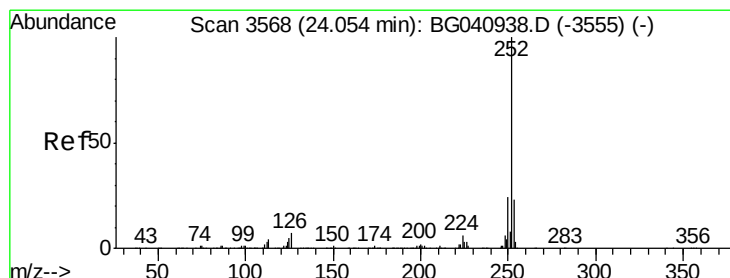
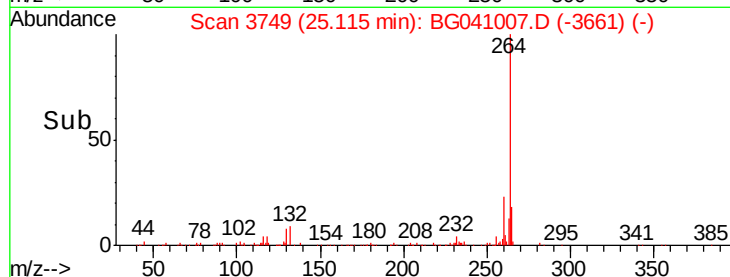
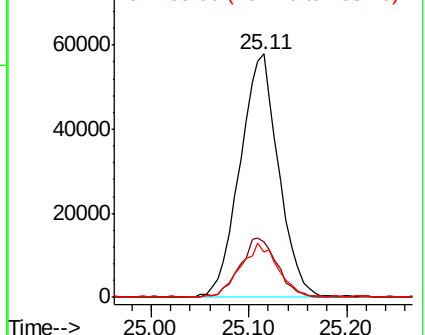


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 101.893 ng

RT: 24.05 min Scan# 3567

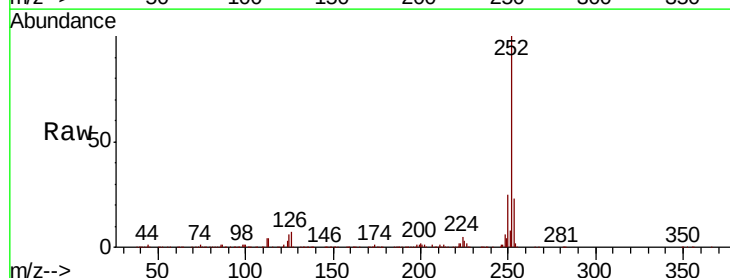
Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Tgt Ion:252 Resp: 989367

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	5.6	4.3	6.5

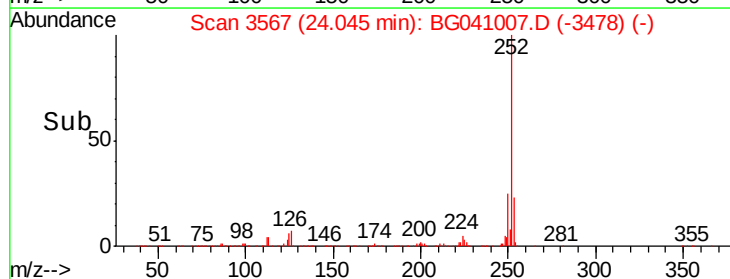
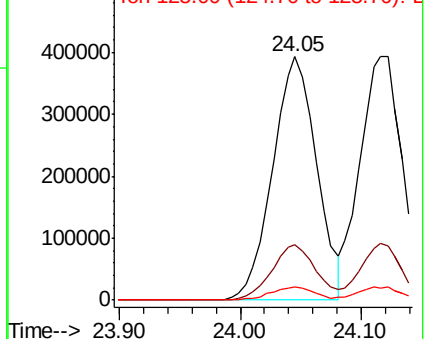


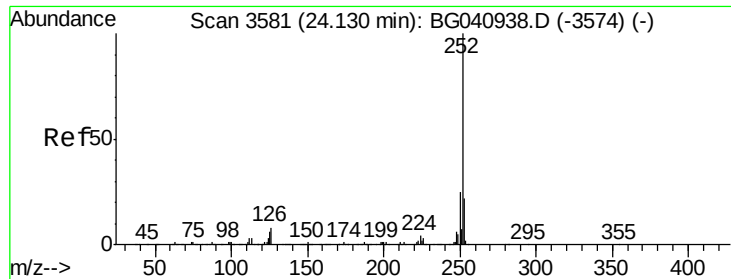
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

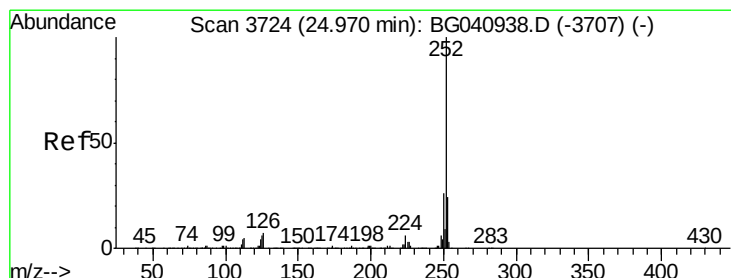
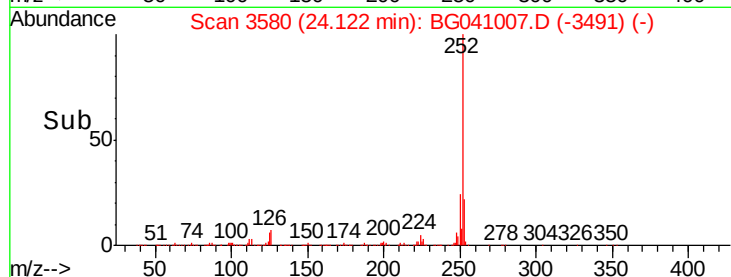
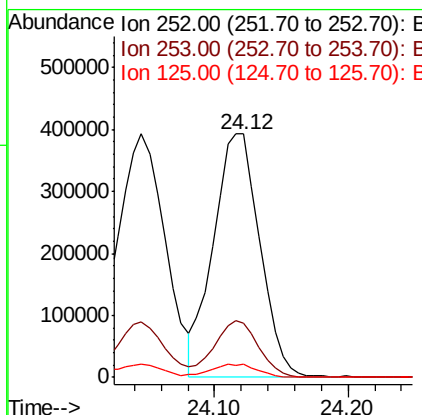
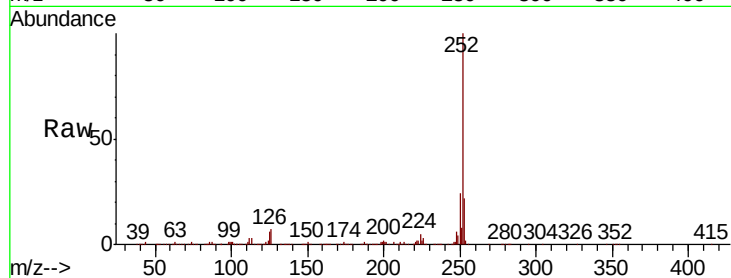




#89
Benzo(k)fluoranthene
Concen: 98.927 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

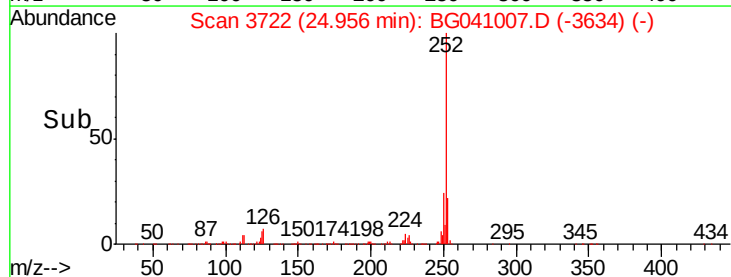
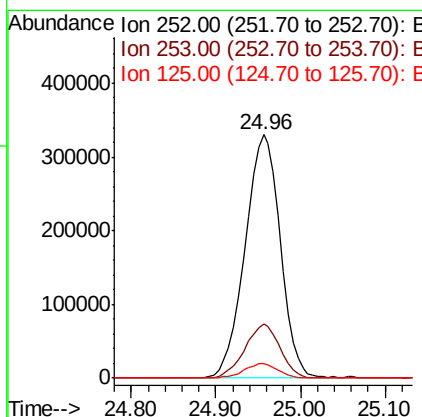
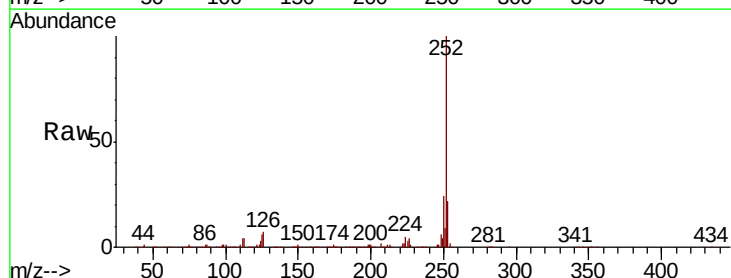
Instrument :
BNA_G
ClientSampleId :
PB120101BS

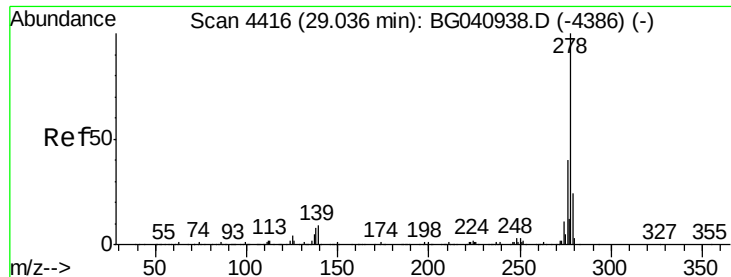
Tot Ion:252 Resp: 950551
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 5.5 4.7 7.1



#90
Benzo(a)pyrene
Concen: 103.215 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG041007.D
Acq: 1 Jun 2019 11:43

Tgt Ion:252 Resp: 956176
Ion Ratio Lower Upper
252 100
253 22.4 19.5 29.3
125 6.2 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 100.862 ng

RT: 29.02 min Scan# 4413

Delta R.T. -0.02 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

Instrument :

BNA_G

ClientSampled :

PB120101BS

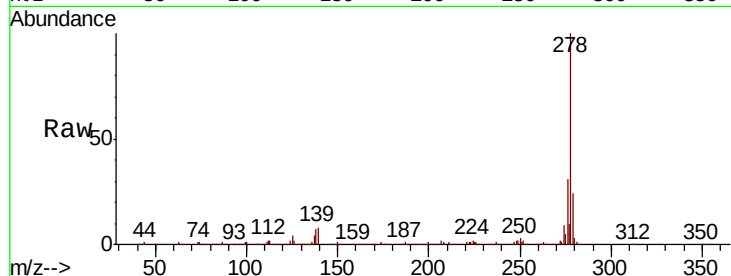
Tot Ion:278 Resp: 933644

Ion Ratio Lower Upper

278 100

139 8.3 7.1 10.7

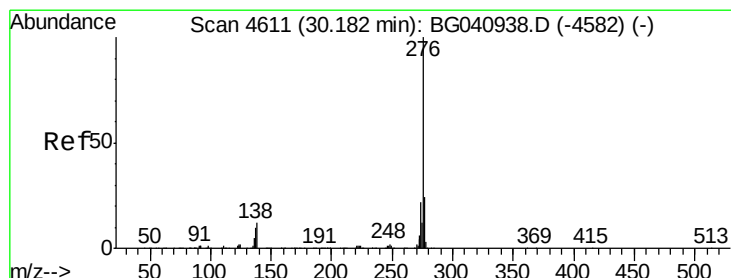
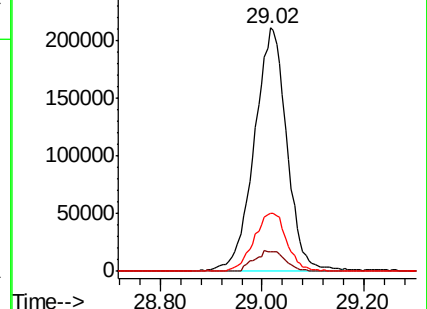
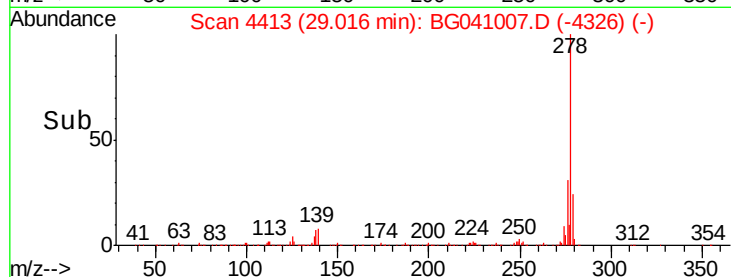
279 24.1 19.4 29.2



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: 105.705 ng

RT: 30.17 min Scan# 4609

Delta R.T. -0.01 min

Lab File: BG041007.D

Acq: 1 Jun 2019 11:43

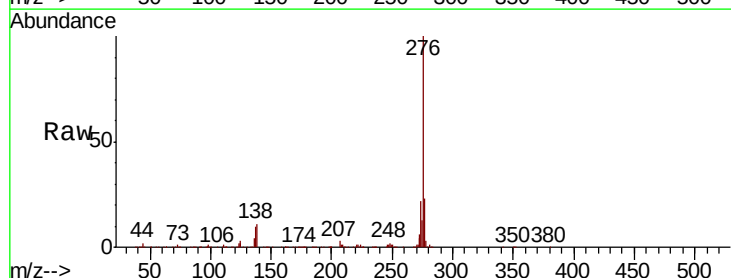
Tgt Ion:276 Resp: 950613

Ion Ratio Lower Upper

276 100

277 22.7 19.4 29.0

138 11.4 9.7 14.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

