

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
 Data File : BG041006.D
 Acq On : 1 Jun 2019 11:05
 Operator : HP/JU
 Sample : PB120082BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

Quant Time: Jun 03 01:10:27 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	206269	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	797332	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	602710	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	1463397	20.00	ng	0.00
76) Chrysene-d12	21.78	240	1525980	20.00	ng	0.00
87) Perylene-d12	25.13	264	1763389	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	1107968	96.86	ng	0.00
7) Phenol-d6	7.28	99	1529489	86.58	ng	0.00
23) Nitrobenzene-d5	9.31	82	1382249	76.96	ng	0.00
42) 2,4,6-Tribromophenol	16.25	330	926719	103.57	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	2797018	66.83	ng	0.00
79) Terphenyl-d14	20.10	244	3962296	55.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	44018	8.480	ng	97
3) Pyridine	3.92	79	115075	7.492	ng	95
4) n-Nitrosodimethylamine	3.85	42	63154	8.859	ng	89
6) Aniline	7.45	93	134060	5.685	ng	99
8) 2-Chlorophenol	7.68	128	117217	8.595	ng	95
9) Benzaldehyde	7.26	77	54336	5.156	ng	88
10) Phenol	7.30	94	153829	8.121	ng	94
11) bis(2-Chloroethyl)ether	7.54	93	109645	7.979	ng	95
12) 1,3-Dichlorobenzene	8.00	146	133901	8.221	ng	97
13) 1,4-Dichlorobenzene	8.16	146	131339	7.966	ng	96
14) 1,2-Dichlorobenzene	8.48	146	124765	7.794	ng	98
15) Benzyl Alcohol	8.36	79	134185	8.211	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	176283	7.851	ng	98
17) 2-Methylphenol	8.55	107	112611	8.211	ng	97
18) Hexachloroethane	9.20	117	52570	8.273	ng	95
19) n-Nitroso-di-n-propylamine	8.93	70	109764	8.074	ng	98
20) 3+4-Methylphenols	8.89	107	150136	7.903	ng	98
22) Acetophenone	8.95	105	205757	9.199	ng	# 99
24) Nitrobenzene	9.35	77	169865	9.281	ng	# 96
25) Isophorone	9.86	82	305131	8.927	ng	97
26) 2-Nitrophenol	10.05	139	70087	9.289	ng	# 86
27) 2,4-Dimethylphenol	10.10	122	125884	10.101	ng	98
28) bis(2-Chloroethoxy)methane	10.34	93	156724	8.495	ng	97
29) 2,4-Dichlorophenol	10.58	162	140384	8.871	ng	97
30) 1,2,4-Trichlorobenzene	10.80	180	154355	8.574	ng	98
31) Naphthalene	11.00	128	376461	8.794	ng	99
32) Benzoic acid	10.21	122	74329	14.502	ng	91
33) 4-Chloroaniline	11.10	127	84798	4.269	ng	95
34) Hexachlorobutadiene	11.25	225	116587	8.464	ng	100
35) Caprolactam	11.89	113	44340	8.485	ng	90
36) 4-Chloro-3-methylphenol	12.21	107	155808	8.621	ng	96
37) 2-Methylnaphthalene	12.59	142	286256	8.682	ng	97
38) 1-Methylnaphthalene	12.81	142	274489	8.835	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	210824	8.679	ng	99

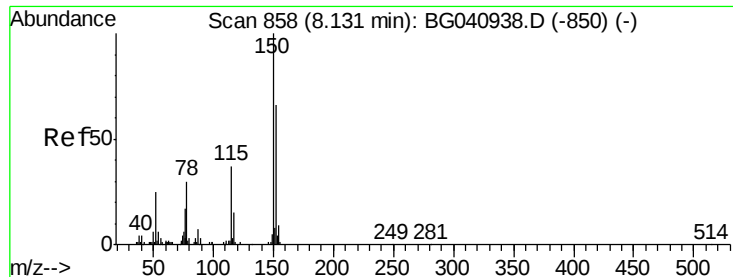
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	241133	24.800	ng	99
43) 2,4,6-Trichlorophenol	13.19	196	132167	8.410	ng	95
44) 2,4,5-Trichlorophenol	13.26	196	141615	8.545	ng	99
46) 1,1'-Biphenyl	13.59	154	386023	8.653	ng	100
47) 2-Chloronaphthalene	13.64	162	324328	8.468	ng	99
48) 2-Nitroaniline	13.84	65	111526	8.117	ng	95
49) Acenaphthylene	14.48	152	504417	8.751	ng	99
50) Dimethylphthalate	14.20	163	426397	8.358	ng	97
51) 2,6-Dinitrotoluene	14.33	165	92567	8.415	ng	96
52) Acenaphthene	14.81	154	287493	8.233	ng	94
53) 3-Nitroaniline	14.66	138	63367	5.761	ng	97
54) 2,4-Dinitrophenol	14.86	184	93420	26.930	ng	95
55) Dibenzofuran	15.15	168	514121	8.750	ng	96
56) 4-Nitrophenol	14.96	139	143182	18.977	ng	92
57) 2,4-Dinitrotoluene	15.11	165	133934	8.619	ng	94
58) Fluorene	15.80	166	398774	8.522	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	146477	8.993	ng	99
60) Diethylphthalate	15.55	149	436116	8.376	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	250064	8.222	ng	96
62) 4-Nitroaniline	15.83	138	89032	7.645	ng	98
63) Azobenzene	16.08	77	408073	8.623	ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	70066	15.926	ng	96
66) n-Nitrosodiphenylamine	16.00	169	359273	8.733	ng	98
67) 4-Bromophenyl-phenylether	16.68	248	164373	8.323	ng	97
68) Hexachlorobenzene	16.79	284	173980	8.273	ng	97
69) Atrazine	16.94	200	154941	9.761	ng	99
70) Pentachlorophenol	17.14	266	204364	21.431	ng	97
71) Phenanthrene	17.54	178	667998	8.763	ng	99
72) Anthracene	17.63	178	706824	9.402	ng	99
73) Carbazole	17.90	167	603388	9.354	ng	100
74) Di-n-butylphthalate	18.43	149	719351	8.972	ng	100
75) Fluoranthene	19.54	202	899205	9.551	ng	99
77) Benzidine	19.72	184	297768	8.180	ng	99
78) Pyrene	19.90	202	895642	9.029	ng	100
80) Butylbenzylphthalate	20.77	149	333072	8.628	ng	99
81) Benzo(a)anthracene	21.75	228	878913	8.653	ng	98
82) 3,3'-Dichlorobenzidine	21.67	252	218107	6.105	ng	97
83) Chrysene	21.83	228	847125	8.715	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	459750	8.460	ng	97
85) Di-n-octyl phthalate	22.87	149	777079	8.586	ng	100
86) Indeno(1,2,3-cd)pyrene	28.96	276	1019653	8.563	ng	100
88) Benzo(b)fluoranthene	24.04	252	881600	8.243	ng	99
89) Benzo(k)fluoranthene	24.12	252	841457	7.950	ng	99
90) Benzo(a)pyrene	24.96	252	854213	8.371	ng	97
91) Dibenzo(a,h)anthracene	29.02	278	841052	8.249	ng	99
92) Benzo(g,h,i)perylene	30.15	276	842606	8.506	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

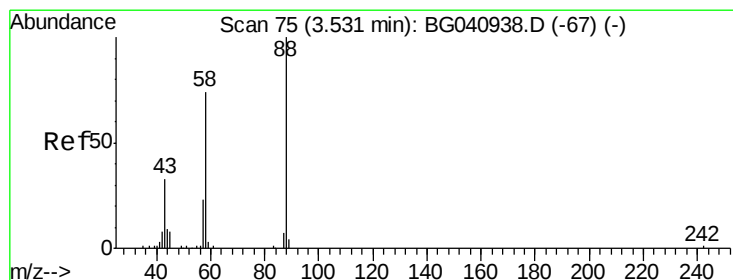
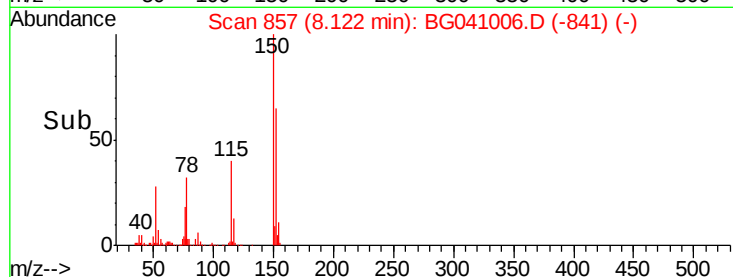
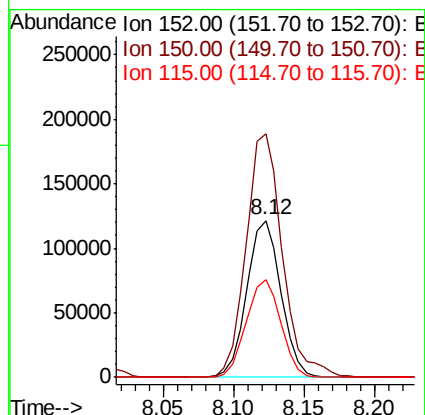
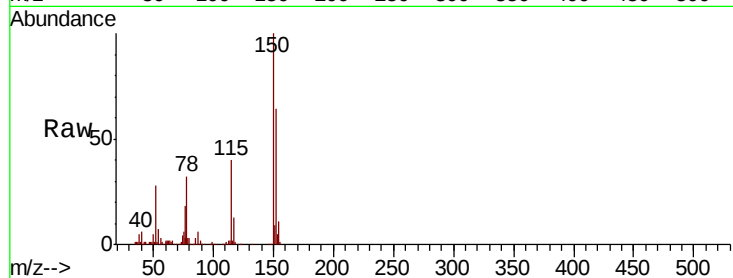
Tot Ion:152 Resp: 206269

Ion Ratio Lower Upper

152 100

150 155.3 120.6 180.8

115 62.2 45.1 67.7



#2

1,4-Dioxane

Concen: 8.480 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

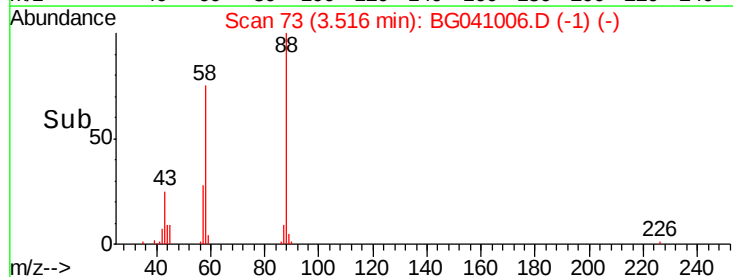
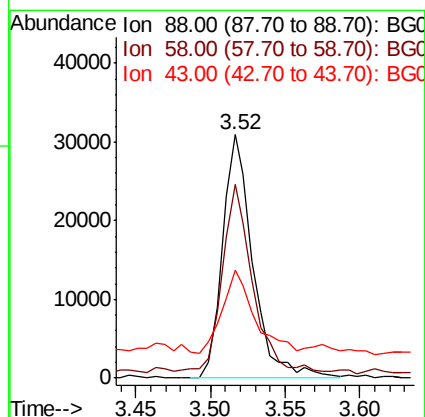
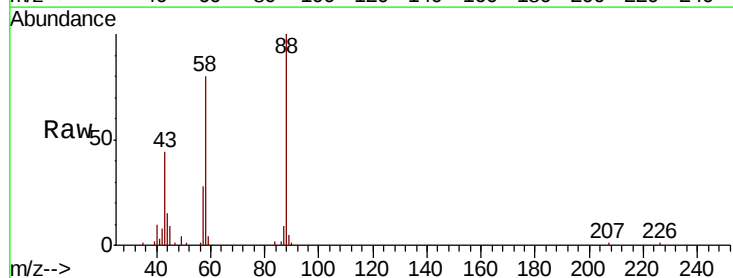
Tgt Ion: 88 Resp: 44018

Ion Ratio Lower Upper

88 100

58 75.8 59.0 88.6

43 36.8 27.2 40.8





#3

Pvridine

Concen: 7.492 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

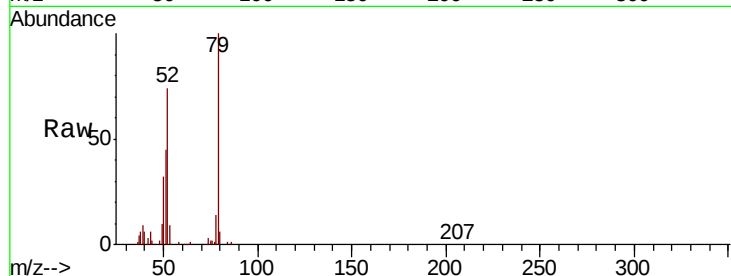
Tot Ion: 79 Resp: 115075

Ion Ratio Lower Upper

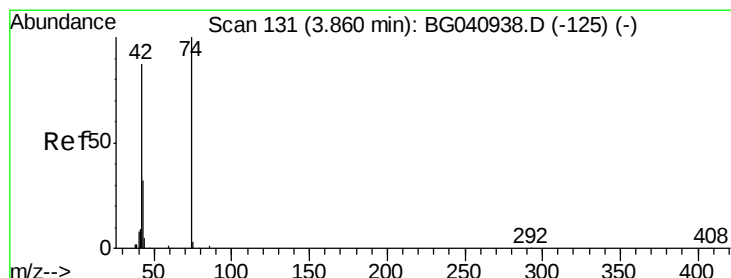
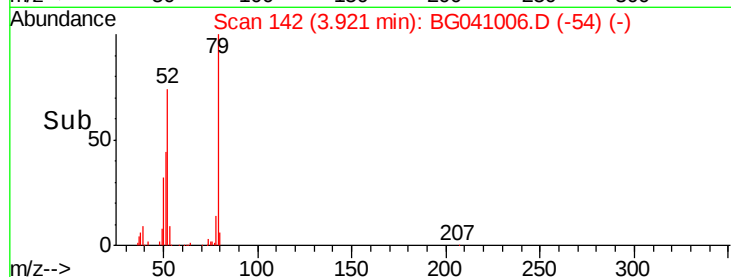
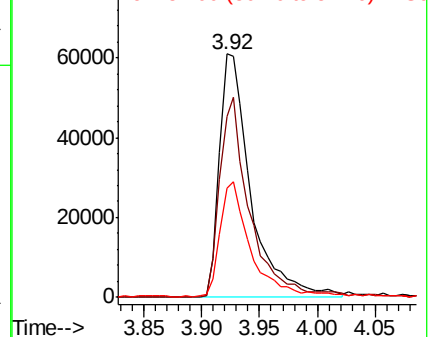
79 100

52 74.1 64.8 97.2

51 44.7 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: 8.859 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

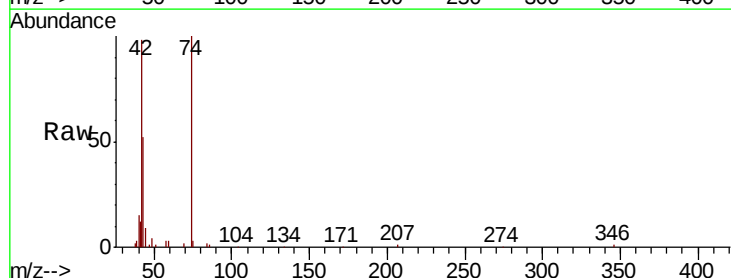
Tgt Ion: 42 Resp: 63154

Ion Ratio Lower Upper

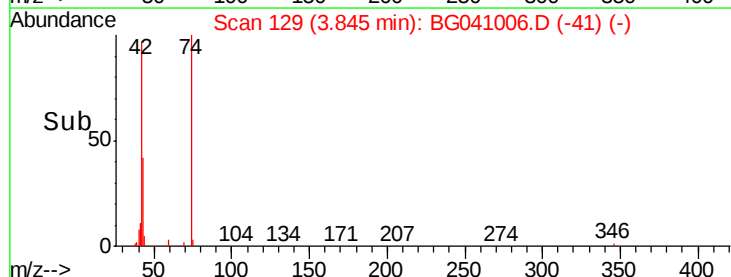
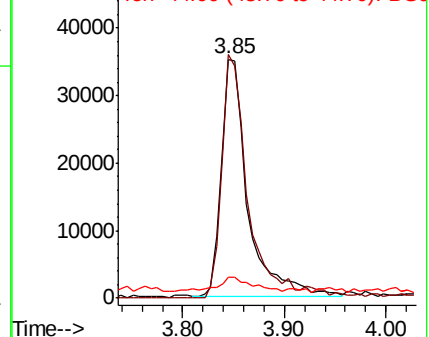
42 100

74 102.1 91.8 137.6

44 8.7 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: 96.859 ng

RT: 5.66 min Scan# 438

Delta R.T. 0.00 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

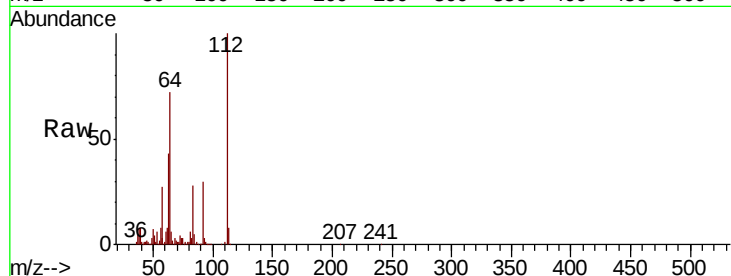
Tot Ion:112 Resp: 1107968

Ion Ratio Lower Upper

112 100

64 72.0 56.2 84.2

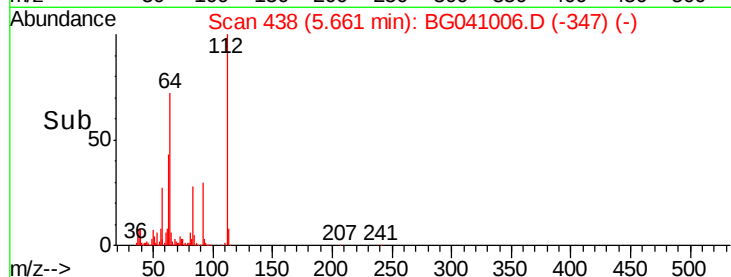
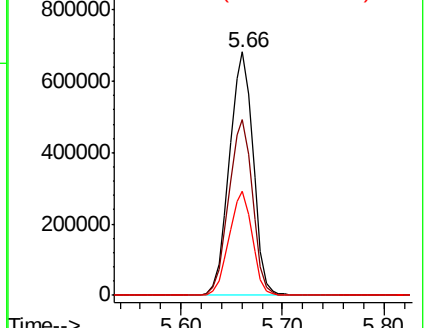
63 42.9 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 5.685 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

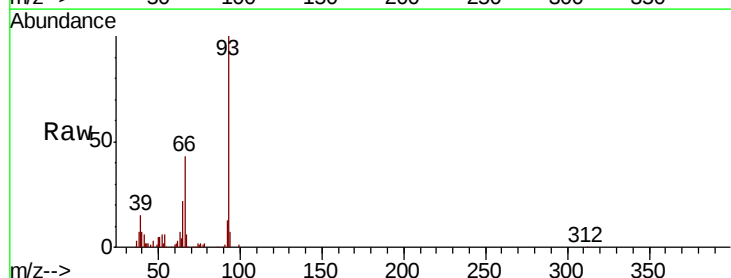
Tgt Ion: 93 Resp: 134060

Ion Ratio Lower Upper

93 100

66 43.2 33.8 50.8

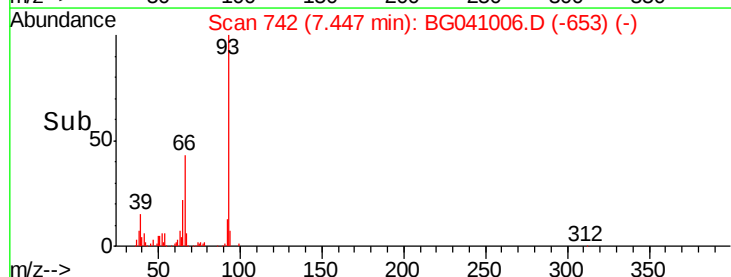
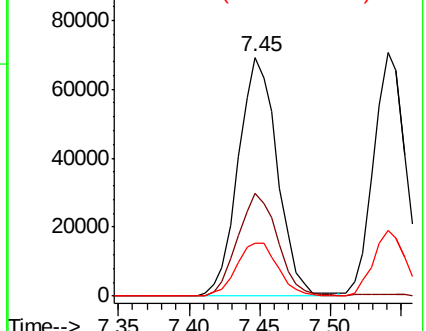
65 22.2 18.3 27.5

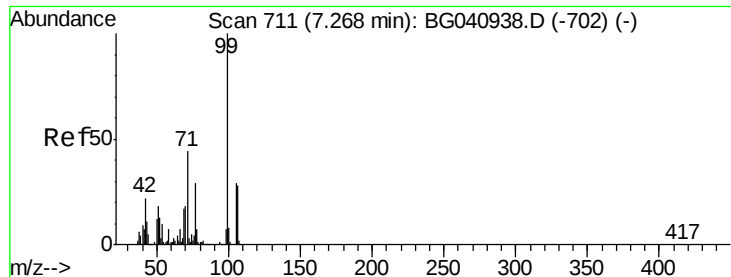


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 86.577 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

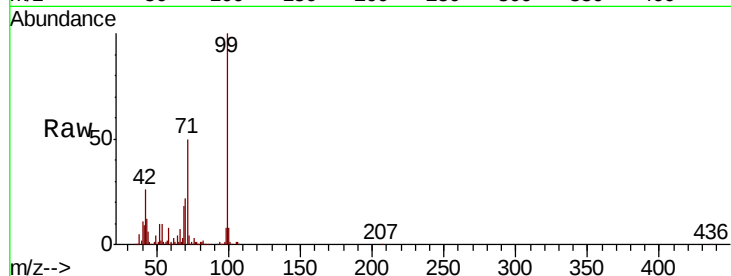
Tot Ion: 99 Resp: 1529489

Ion Ratio Lower Upper

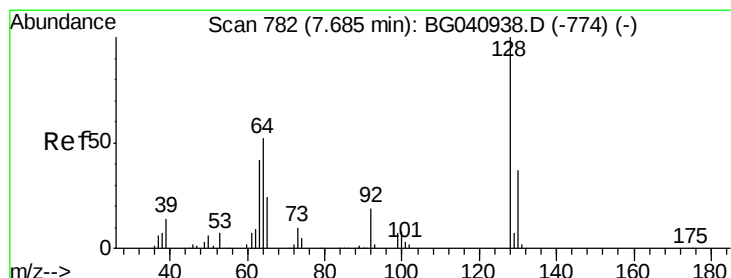
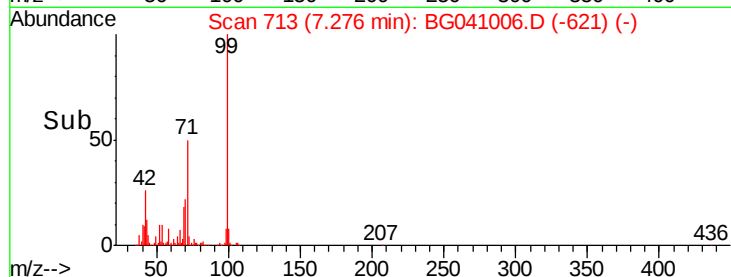
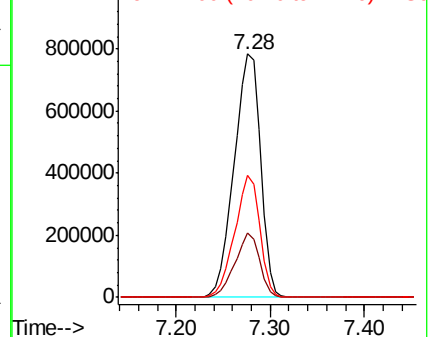
99 100

42 26.4 17.9 26.9

71 50.0 35.4 53.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 8.595 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

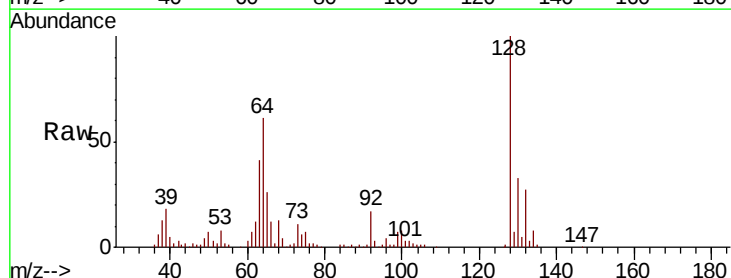
Tgt Ion: 128 Resp: 117217

Ion Ratio Lower Upper

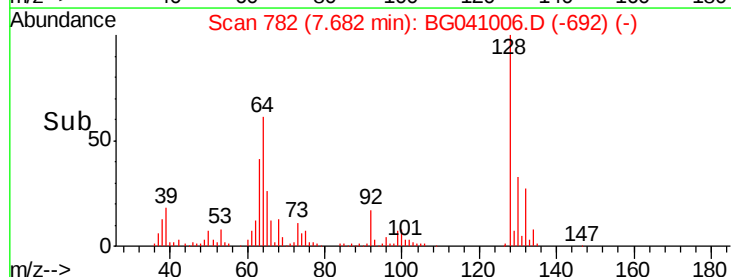
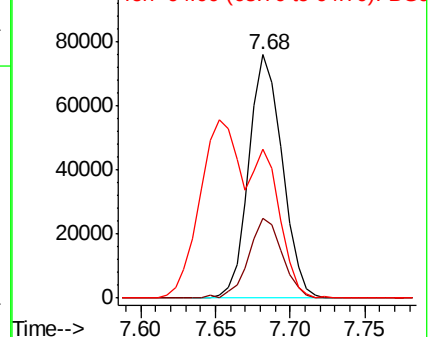
128 100

130 32.7 16.6 56.6

64 60.9 37.8 77.8



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 5.156 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041006.D

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Instrument :

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PB120082BS

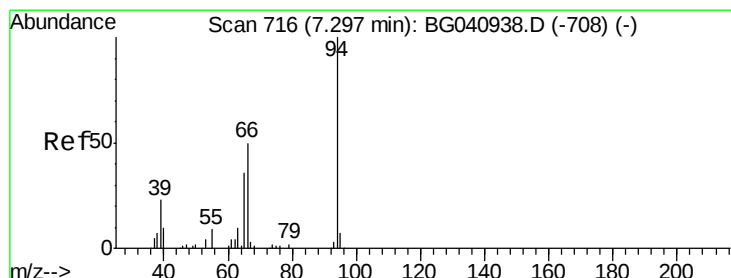
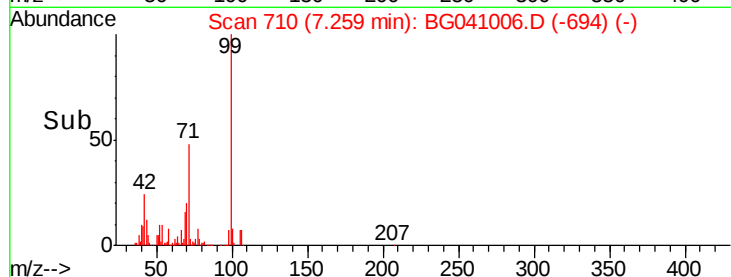
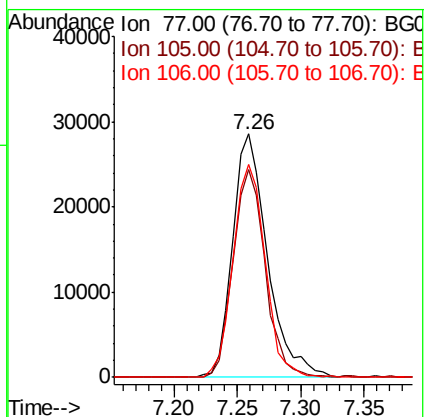
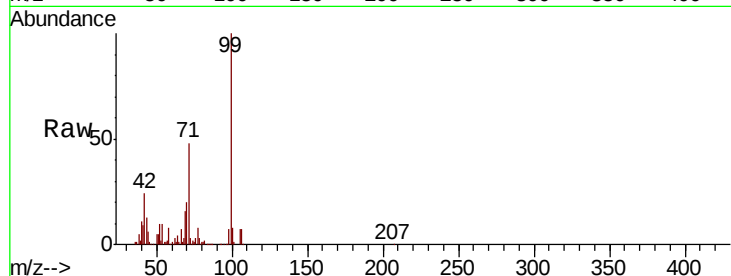
Tot Ion: 77 Resp: 54336

Ion Ratio Lower Upper

77 100

105 85.2 78.9 118.9

106 87.3 76.7 116.7



#10

Phenol

Concen: 8.121 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

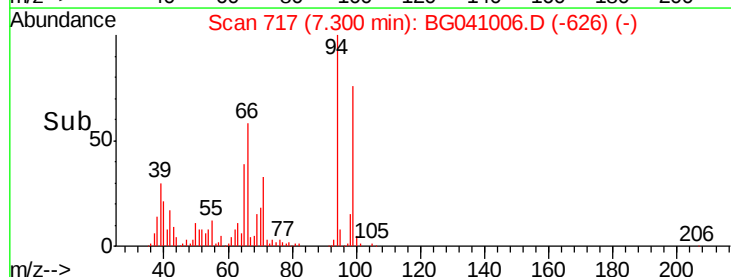
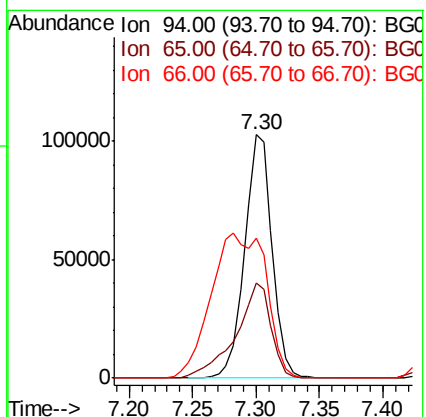
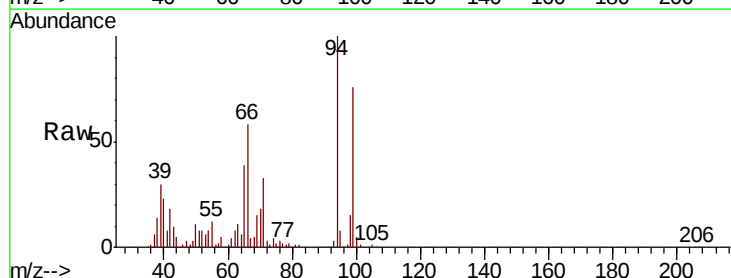
Tgt Ion: 94 Resp: 153829

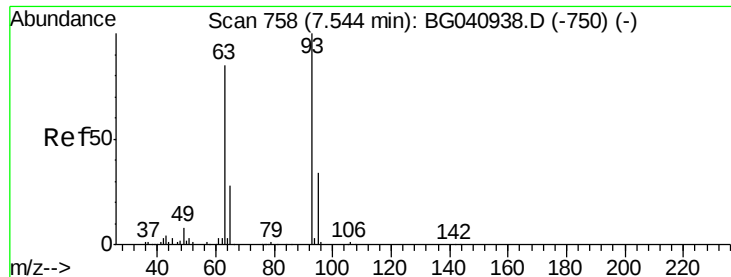
Ion Ratio Lower Upper

94 100

65 39.2 17.0 57.0

66 57.5 32.4 72.4

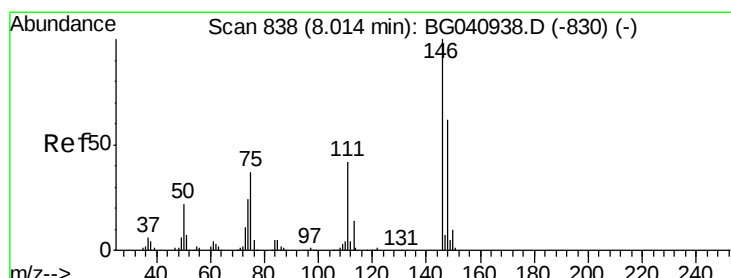
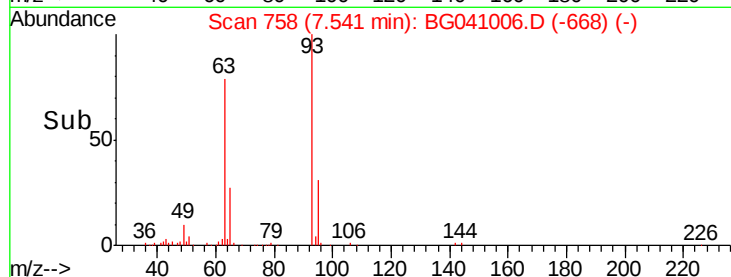
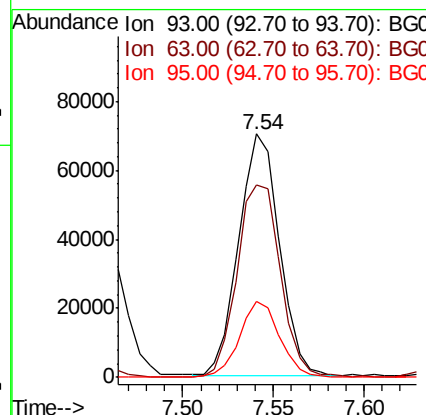
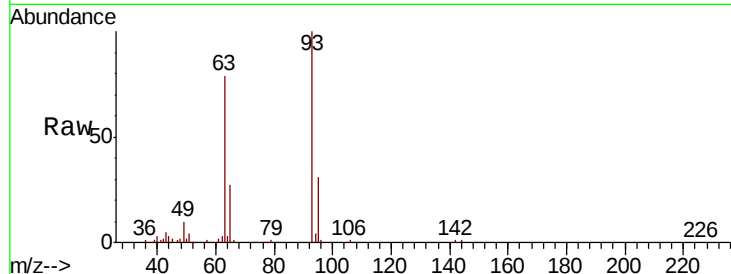




#11
bis(2-Chloroethyl)ether
Concen: 7.979 ng
RT: 7.54 min Scan# 758
Delta R.T. -0.00 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

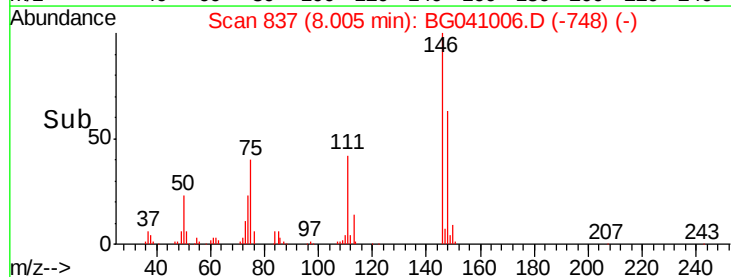
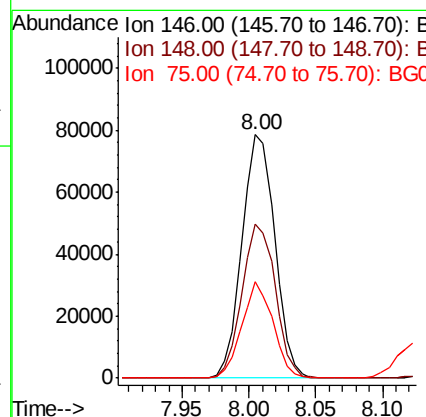
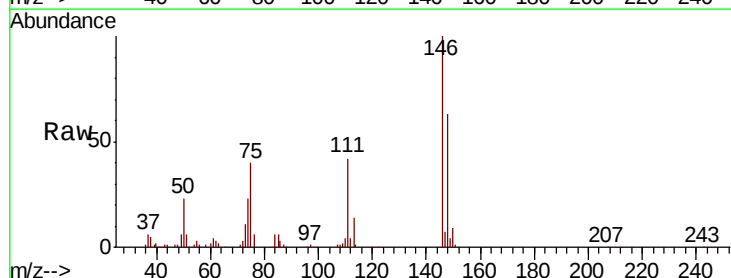
Instrument :
BNA_G
ClientSampleId :
PB120082BS

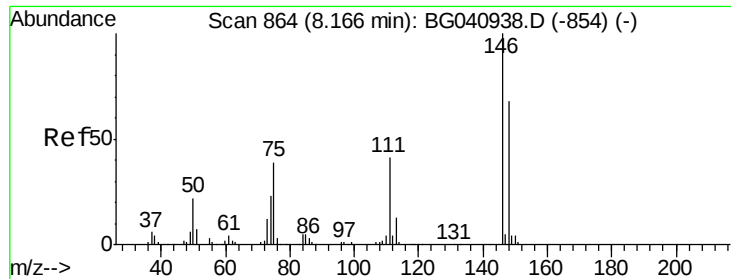
Tot Ion: 93 Resp: 109645
Ion Ratio Lower Upper
93 100
63 79.2 64.5 104.5
95 31.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 8.221 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Tgt Ion: 146 Resp: 133901
Ion Ratio Lower Upper
146 100
148 63.4 49.2 73.8
75 39.8 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 7.966 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

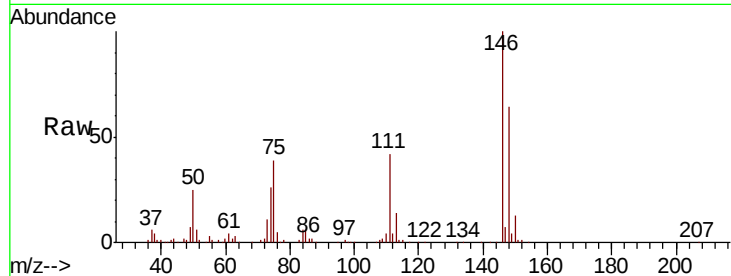
Tot Ion:146 Resp: 131339

Ion Ratio Lower Upper

146 100

148 63.8 54.2 81.4

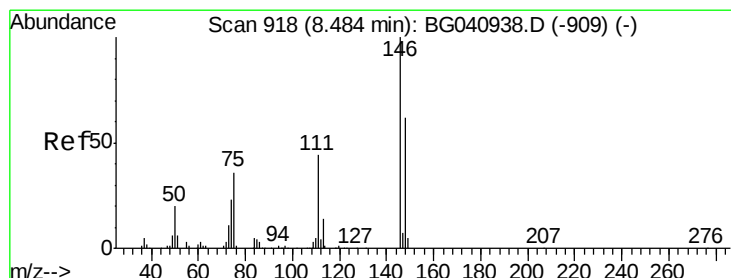
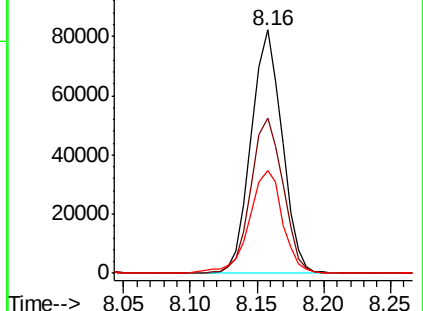
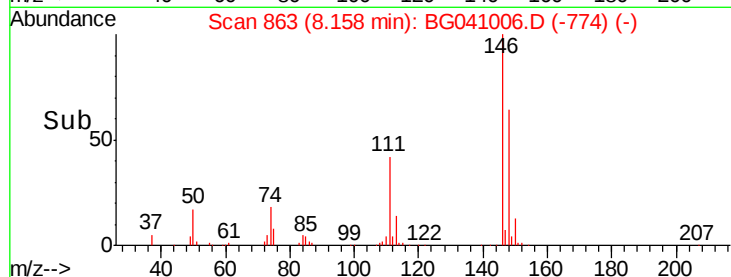
111 42.1 32.9 49.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 7.794 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

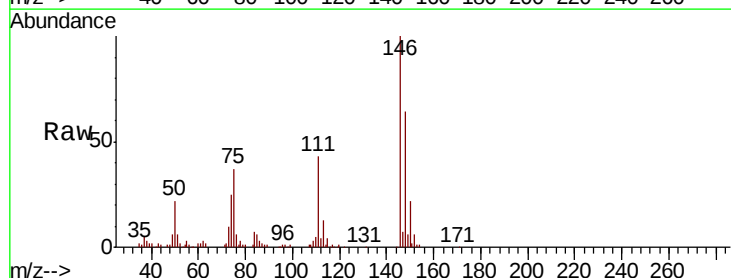
Tgt Ion:146 Resp: 124765

Ion Ratio Lower Upper

146 100

148 64.1 49.8 74.6

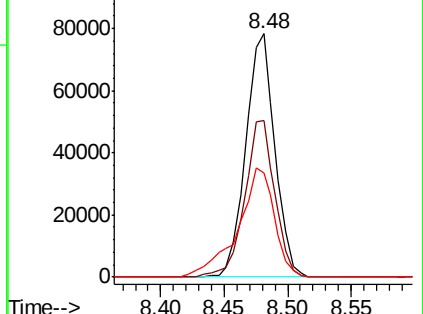
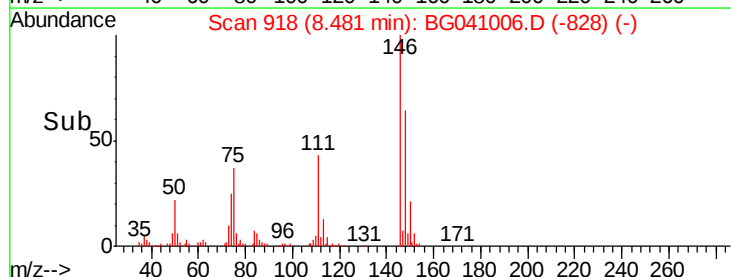
111 42.9 35.0 52.4

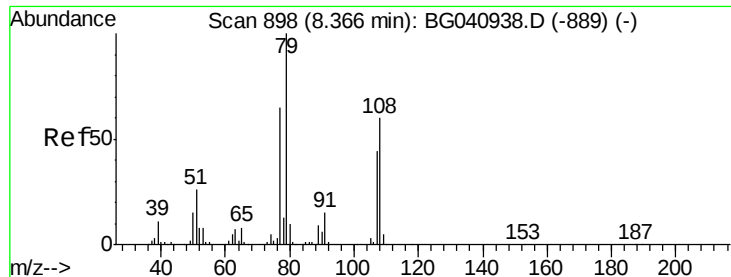


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 8.211 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleID :

PB120082BS

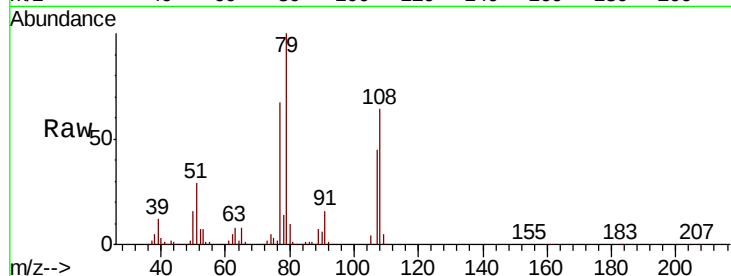
Tot Ion: 79 Resp: 134185

Ion Ratio Lower Upper

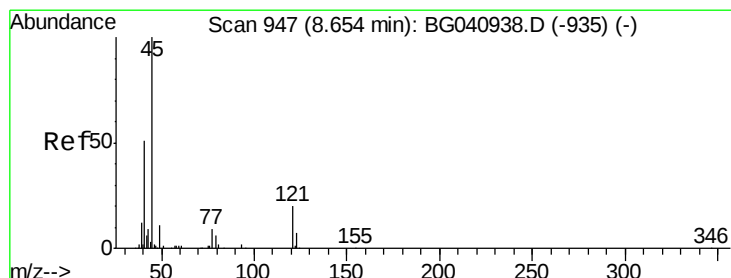
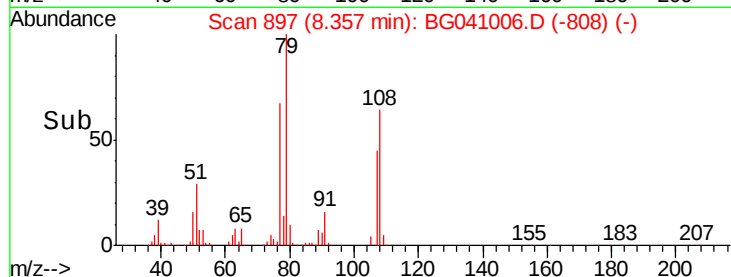
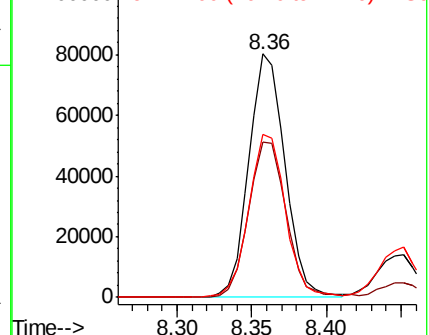
79 100

108 63.6 48.3 72.5

77 66.7 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.851 ng

RT: 8.64 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

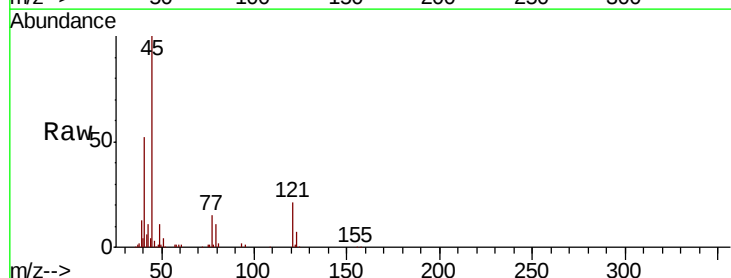
Tgt Ion: 45 Resp: 176283

Ion Ratio Lower Upper

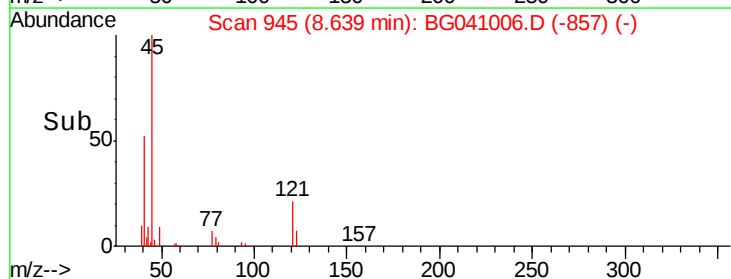
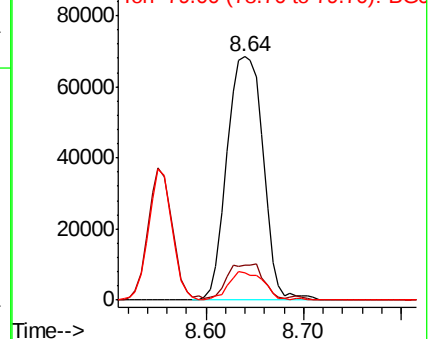
45 100

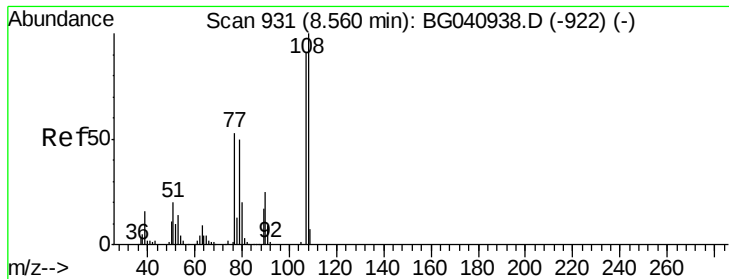
77 14.5 0.0 33.7

79 11.3 0.0 30.2



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





#17

2-Methylphenol

Concen: 8.211 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

Tot Ion:107 Resp: 112611

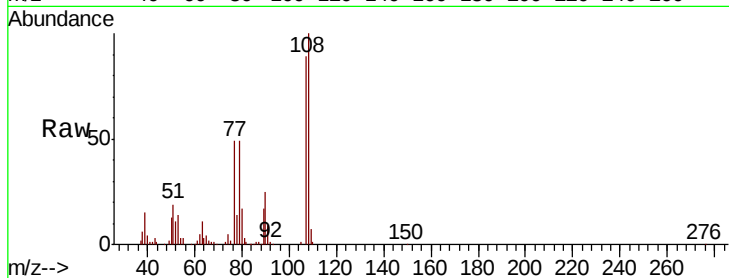
Ion Ratio Lower Upper

107 100

108 112.2 87.7 131.5

77 55.3 46.6 70.0

79 54.8 44.6 66.8



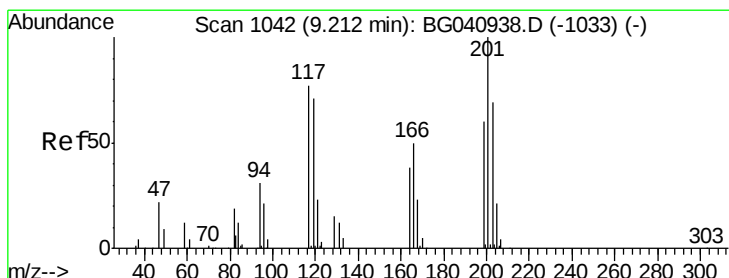
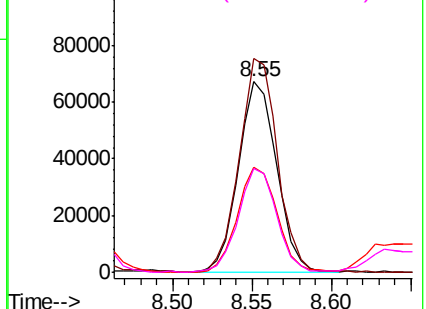
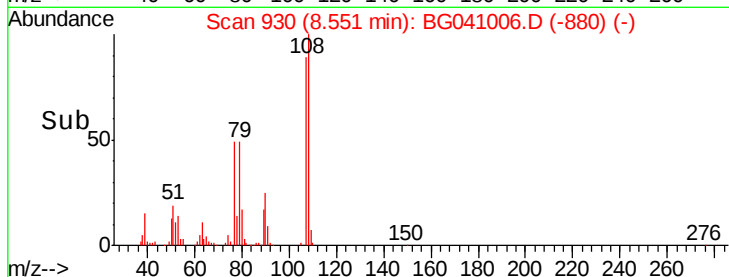
Abundance

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: 8.273 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

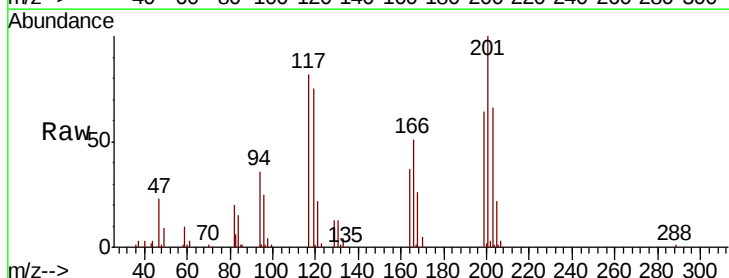
Tgt Ion:117 Resp: 52570

Ion Ratio Lower Upper

117 100

119 90.5 75.0 112.6

201 121.4 103.5 155.3

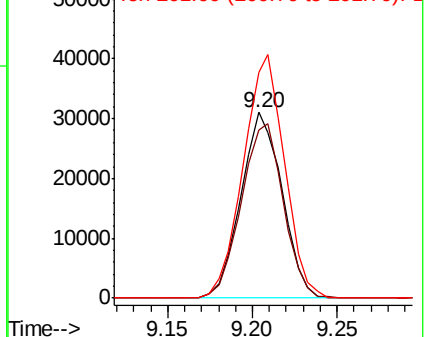
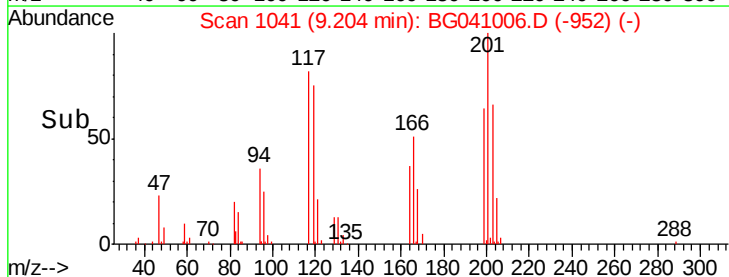


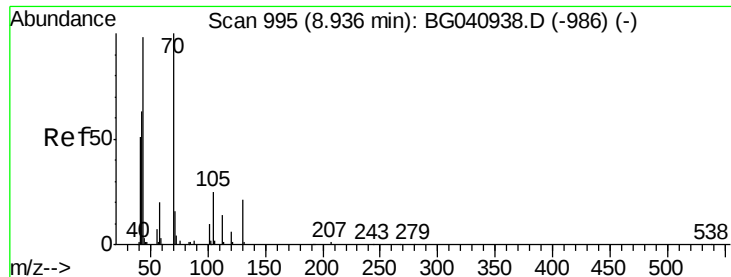
Abundance

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: 8.074 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

Tot Ion: 70 Resp: 109764

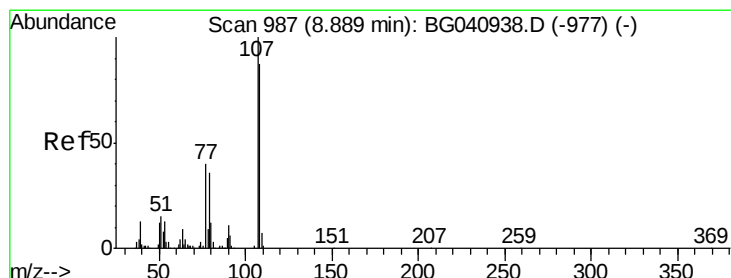
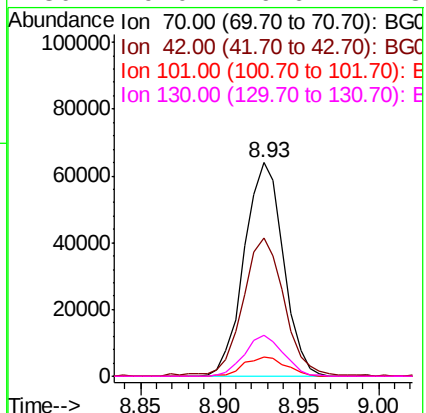
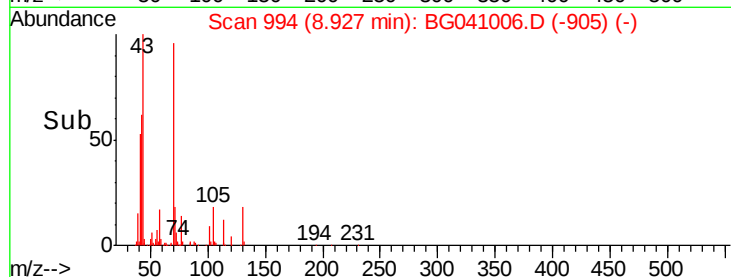
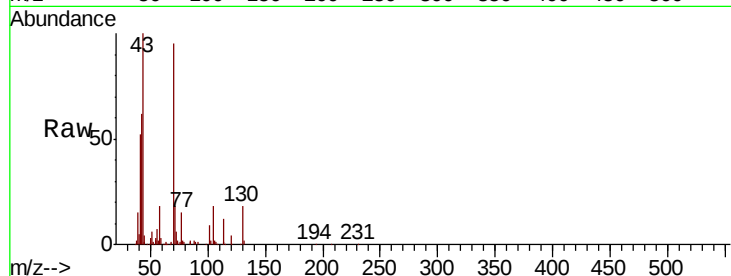
Ion Ratio Lower Upper

70 100

42 64.9 51.5 77.3

101 9.0 8.1 12.1

130 19.0 16.6 24.8



#20

3+4-Methylphenols

Concen: 7.903 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.00 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Tgt Ion: 107 Resp: 150136

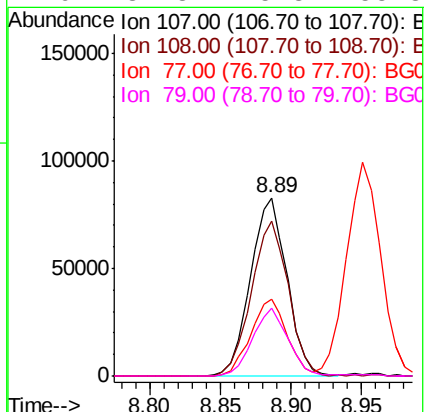
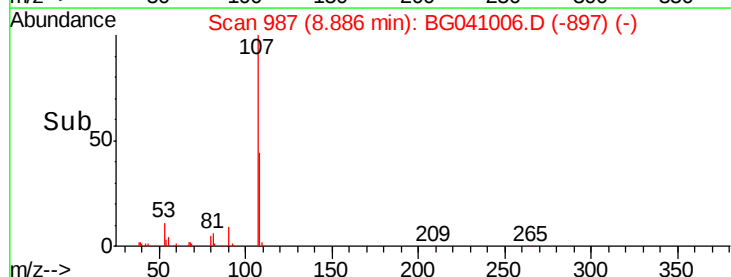
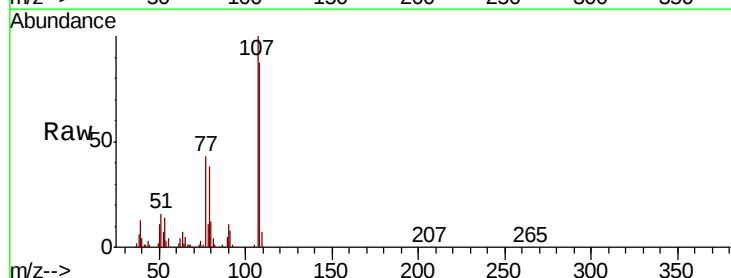
Ion Ratio Lower Upper

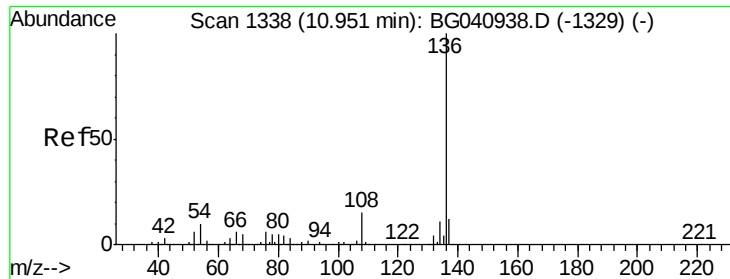
107 100

108 86.8 66.8 106.8

77 43.5 20.5 60.5

79 37.8 15.8 55.8

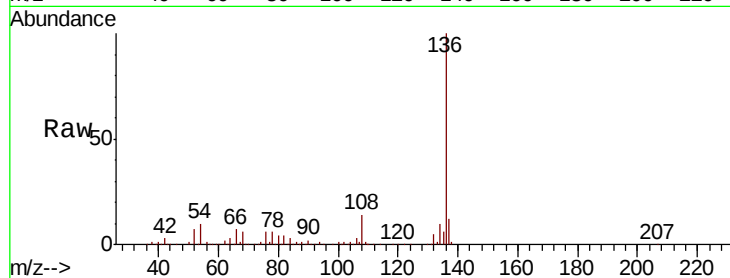




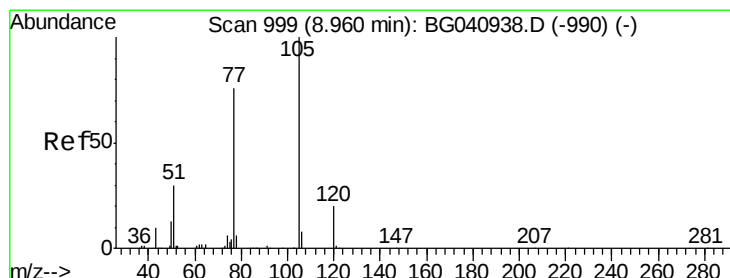
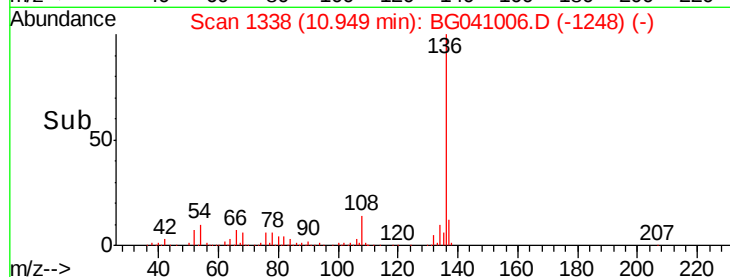
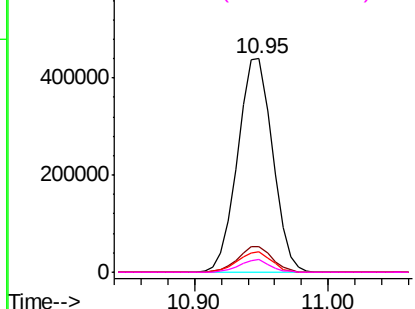
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion:136	Resp: 797332
Ion Ratio	Lower Upper
136 100	
137 12.2	9.5 14.3
54 9.7	7.6 11.4
68 5.8	3.9 5.9

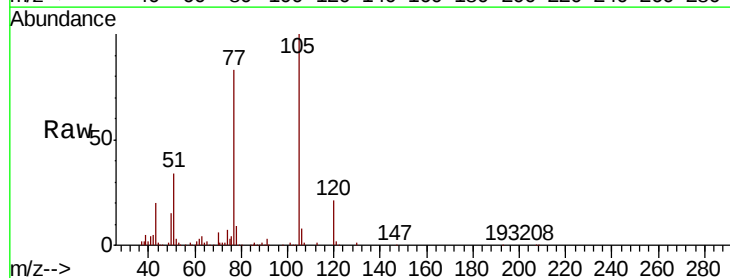


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

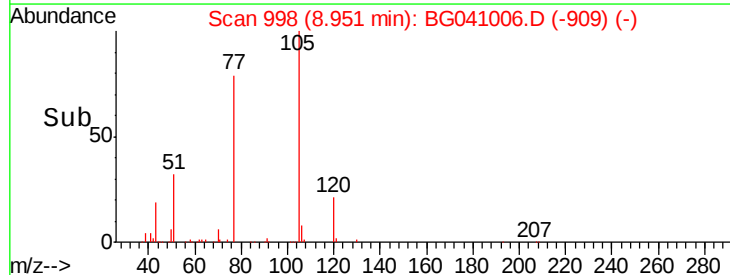
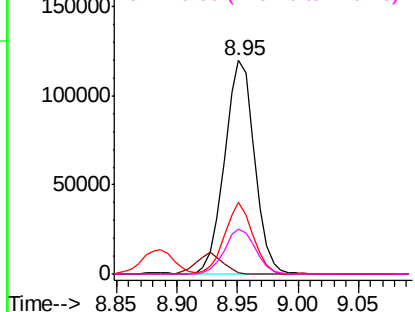


#22
Acetophenone
Concen: 9.199 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Tgt	Ion:105	Resp:	205757
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.4	0.6#
51	33.5	27.0	40.6
120	21.0	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

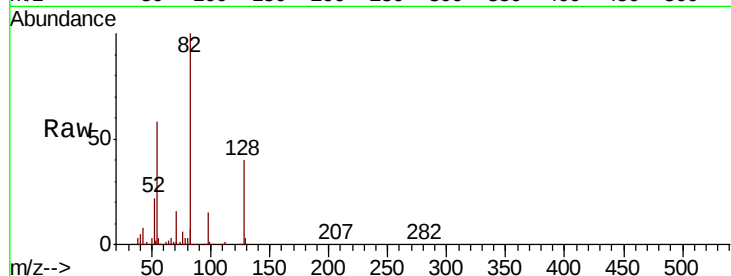




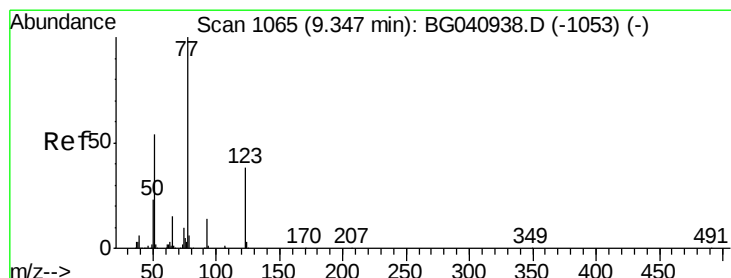
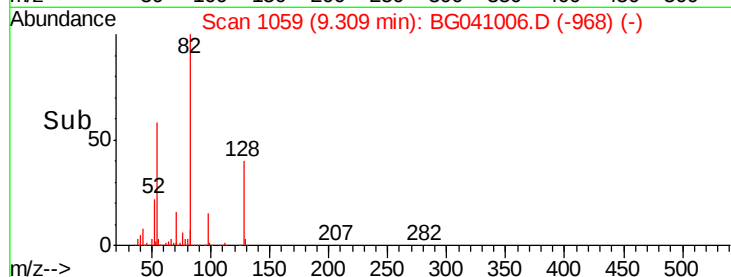
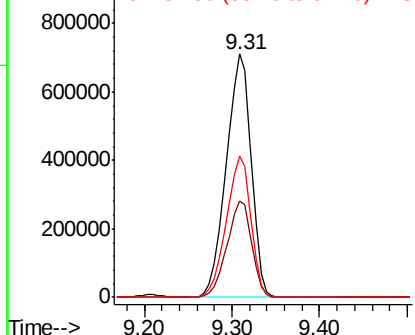
#23
Nitrobenzene-d5
Concen: 76.960 ng
RT: 9.31 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion: 82 Resp: 1382249
Ion Ratio Lower Upper
82 100
128 39.6 30.5 45.7
54 58.2 44.6 66.8

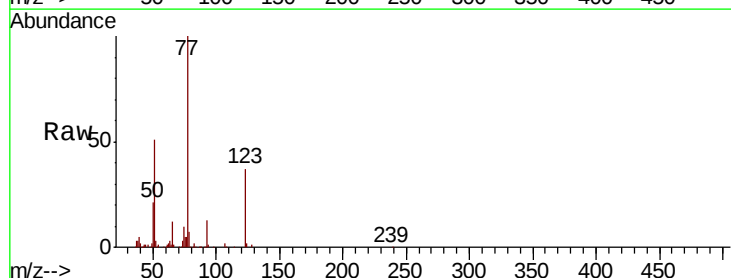


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

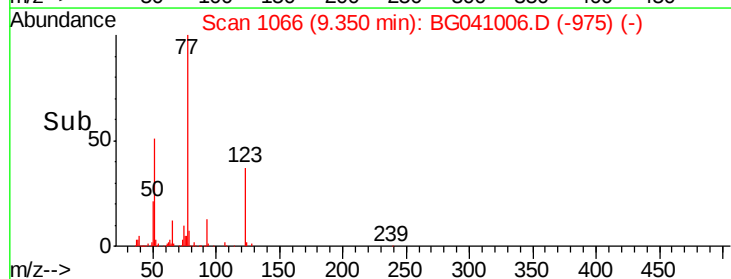
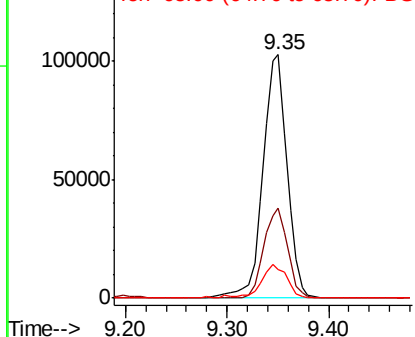


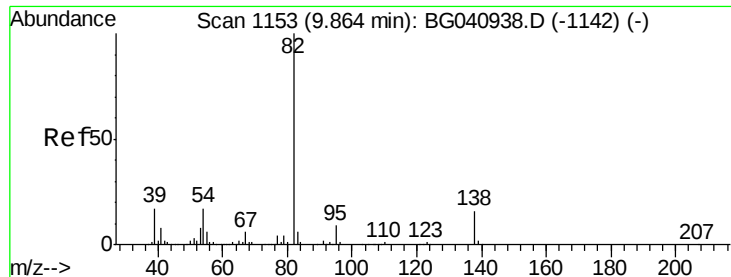
#24
Nitrobenzene
Concen: 9.281 ng
RT: 9.35 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Tgt Ion: 77 Resp: 169865
Ion Ratio Lower Upper
77 100
123 37.0 30.6 46.0
65 12.0 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

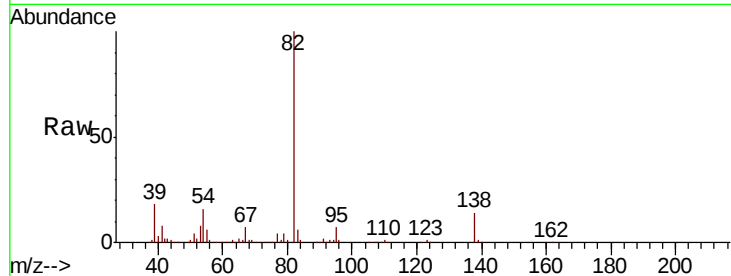




#25
Isophorone
Concen: 8.927 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion	82	Resp	305131
Ion Ratio	100	Lower	Upper
95	7.2	7.0	10.4
138	14.5	12.6	19.0

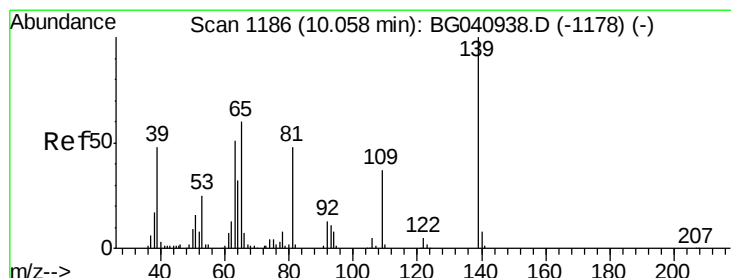
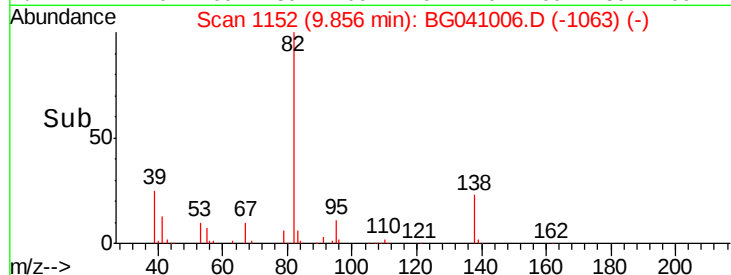
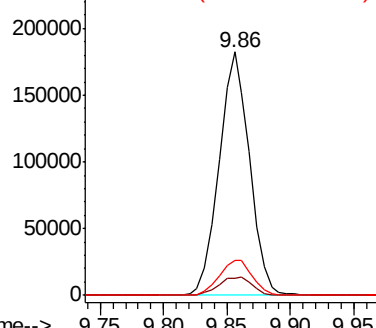


Abundance

Ion 82.00 (81.70 to 82.70): BG041006.D (-1142) (-)

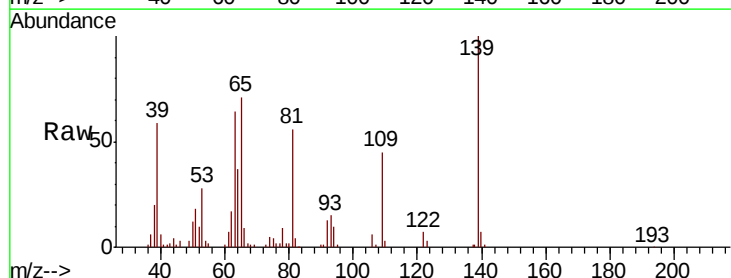
Ion 95.00 (94.70 to 95.70): BG041006.D (-1142) (-)

Ion 138.00 (137.70 to 138.70): BG041006.D (-1142) (-)



#26
2-Nitrophenol
Concen: 9.289 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Tgt Ion	139	Resp	70087
Ion Ratio	100	Lower	Upper
109	45.3	29.8	44.6#
65	70.8	47.8	71.6

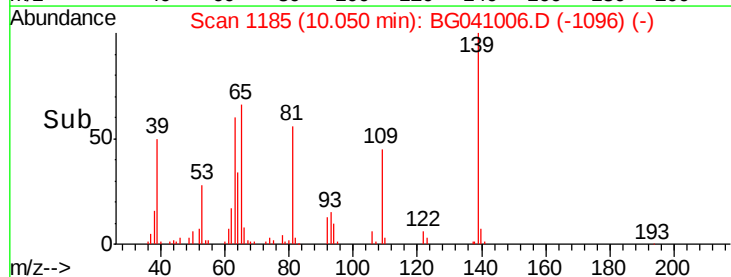
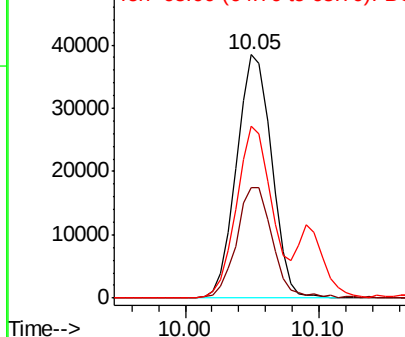


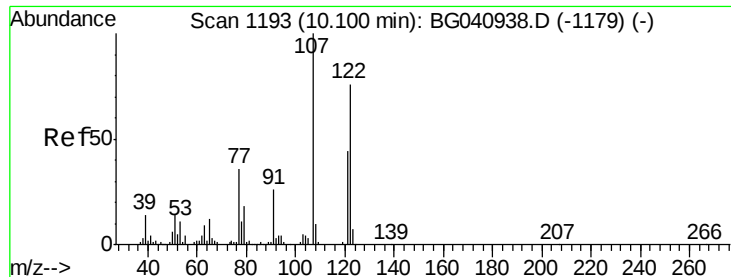
Abundance

Ion 139.00 (138.70 to 139.70): BG041006.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BG041006.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BG041006.D (-1178) (-)

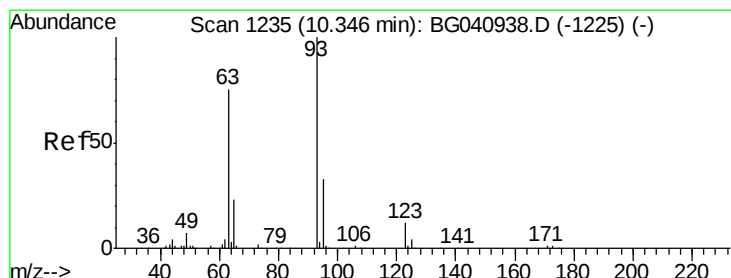
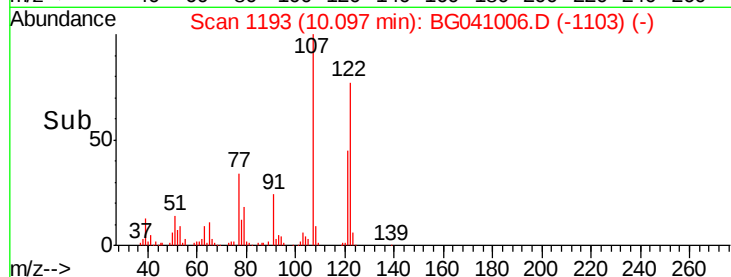
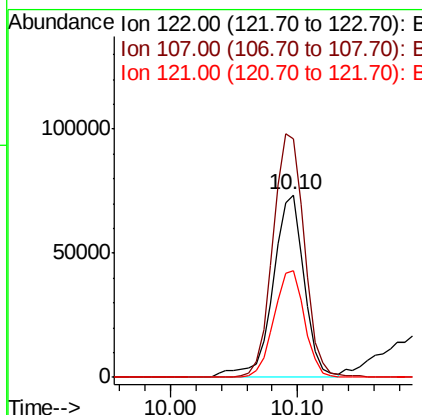
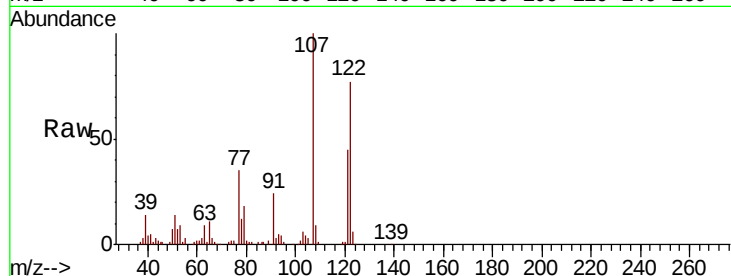




#27
2,4-Dimethylphenol
Concen: 10.101 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

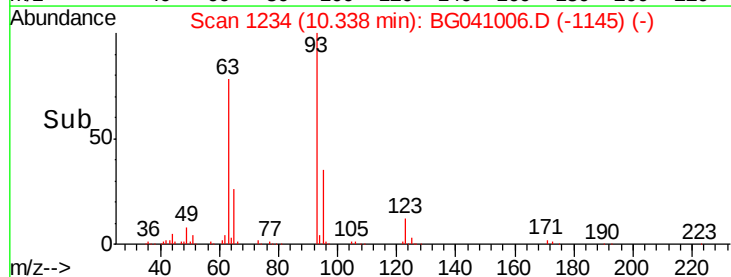
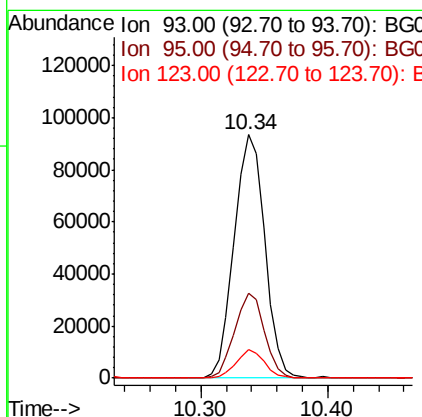
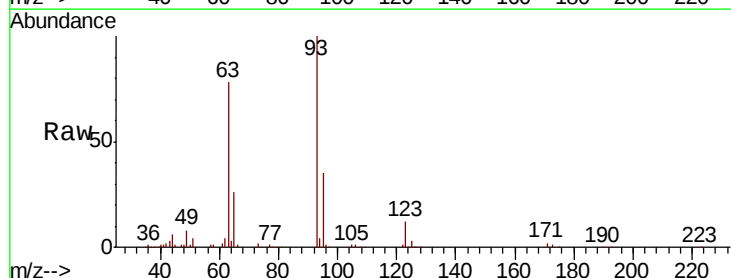
Instrument :
BNA_G
ClientSampleId :
PB120082BS

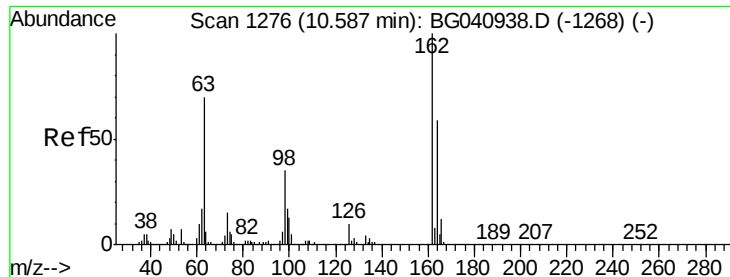
Tot Ion	Ratio	Lower	Upper
122	100		
107	130.2	105.9	158.9
121	58.4	46.2	69.4



#28
bis(2-Chloroethoxy)methane
Concen: 8.495 ng
RT: 10.34 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.9	26.2	39.2
123	11.8	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 8.871 ng

RT: 10.58 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

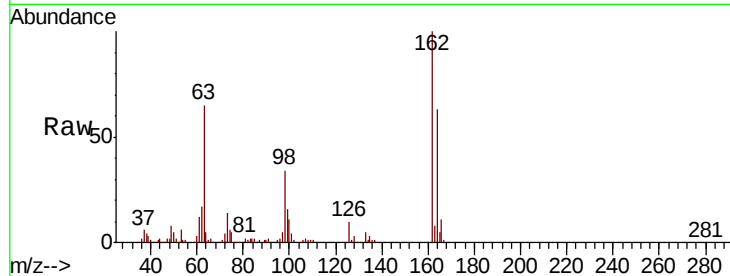
Tot Ion:162 Resp: 140384

Ion Ratio Lower Upper

162 100

164 62.8 39.4 79.4

98 34.4 15.3 55.3

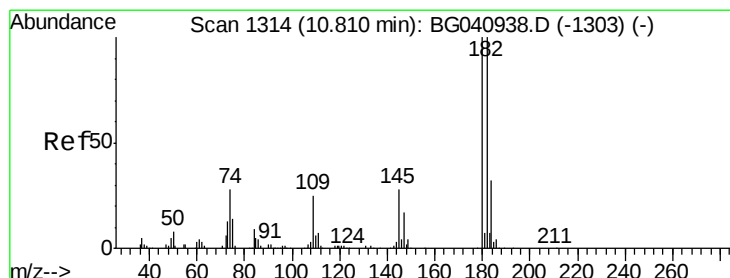
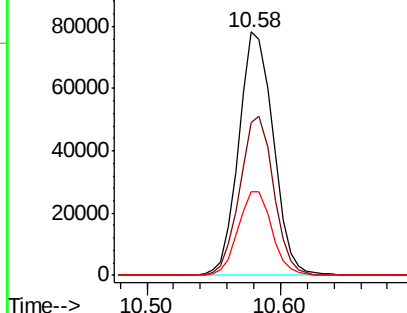
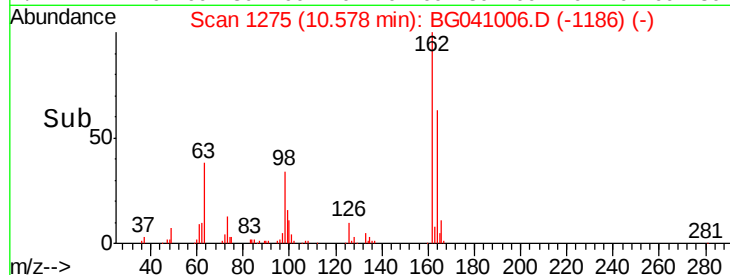


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 8.574 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

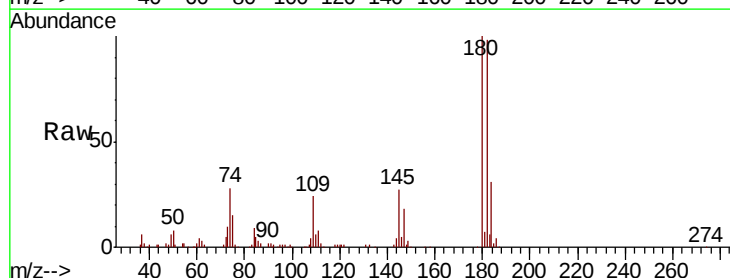
Tgt Ion:180 Resp: 154355

Ion Ratio Lower Upper

180 100

182 98.1 79.7 119.5

145 26.9 22.6 34.0

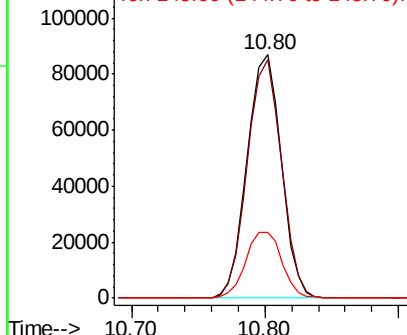
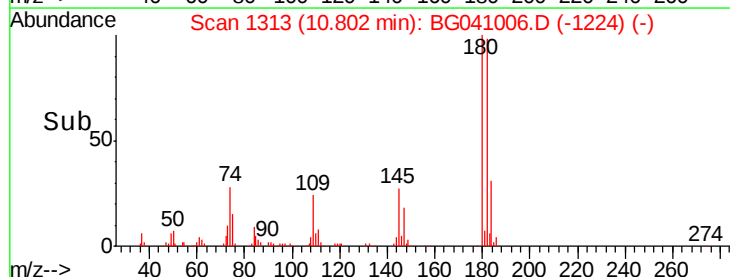


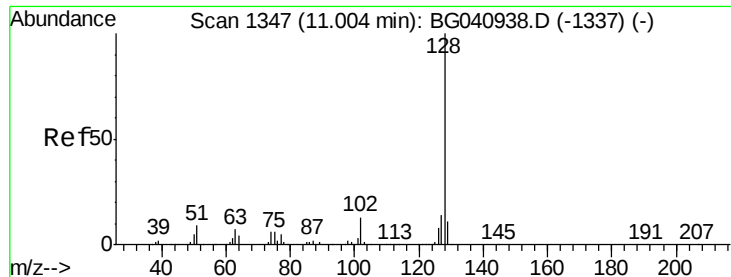
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

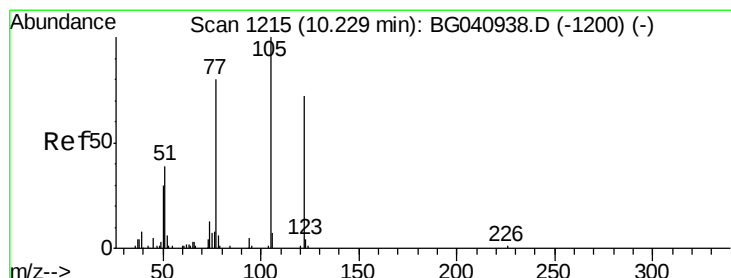
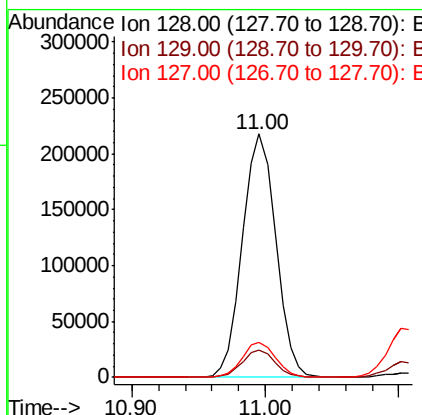
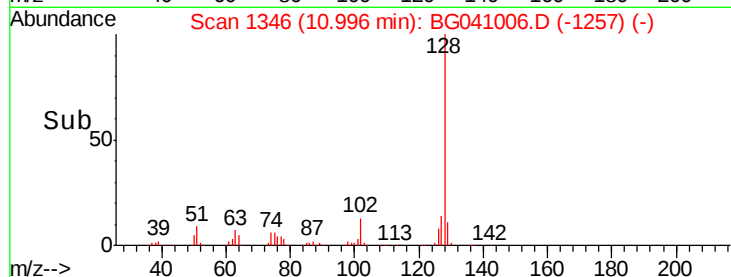
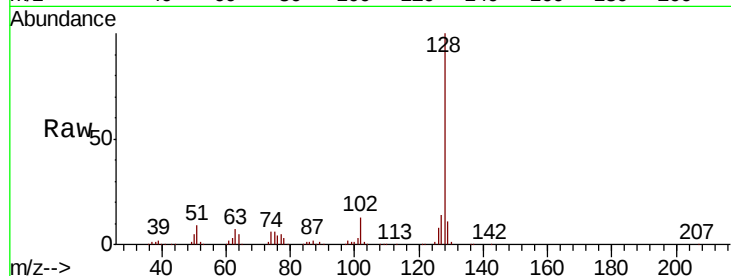




#31
Naphthalene
Concen: 8.794 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

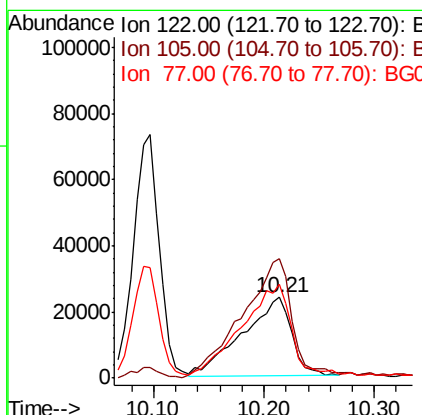
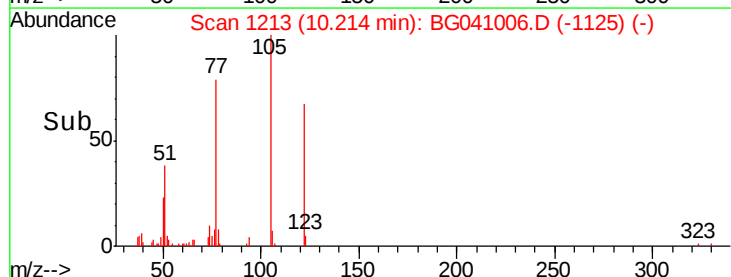
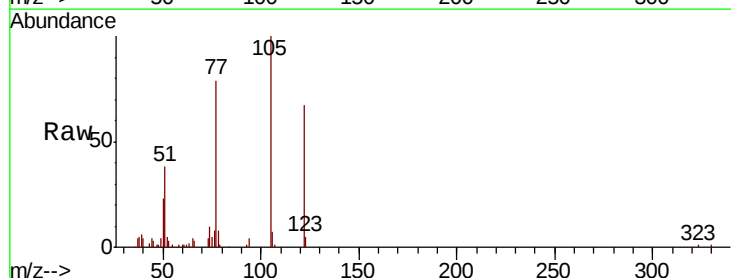
Instrument :
BNA_G
ClientSampleId :
PB120082BS

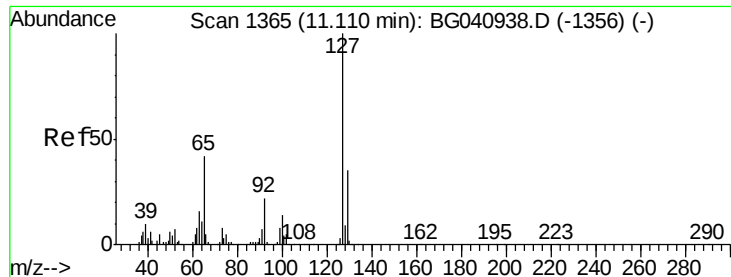
Tot Ion:128 Resp: 376461
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 14.2 11.4 17.2



#32
Benzoic acid
Concen: 14.502 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Tgt Ion:122 Resp: 74329
Ion Ratio Lower Upper
122 100
105 148.5 114.8 154.8
77 116.6 89.9 129.9

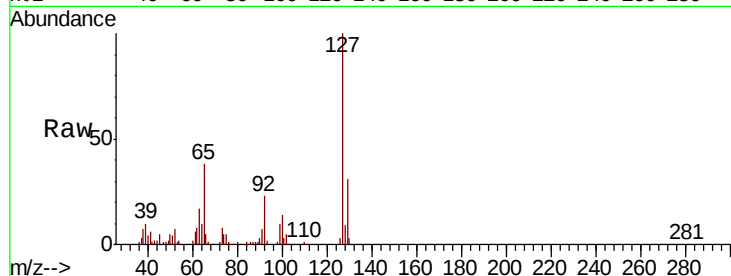




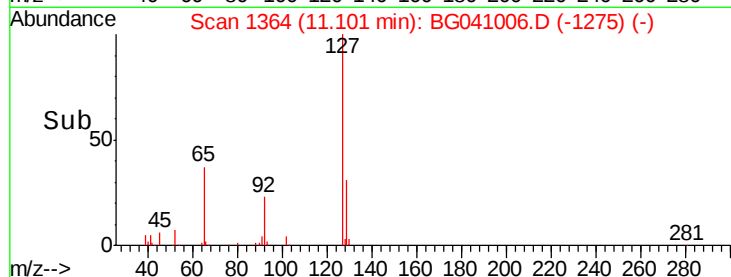
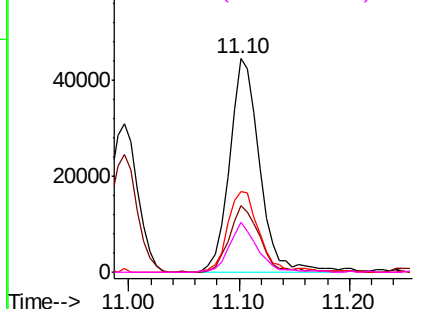
#33
4-Chloroaniline
Concen: 4.269 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion:127	Resp:	84798	
Ion Ratio	Lower	Upper	
127 100			
129 31.2	27.7	41.5	
65 38.0	33.2	49.8	
92 23.4	17.2	25.8	

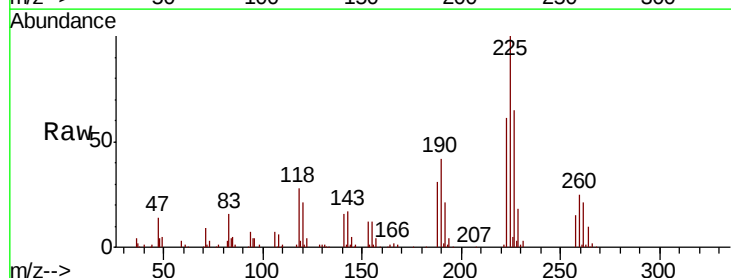


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

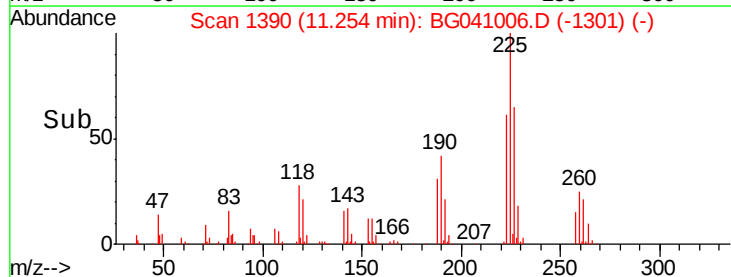
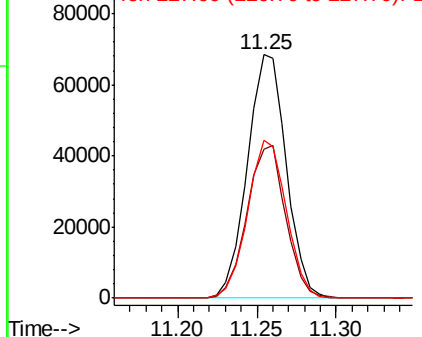


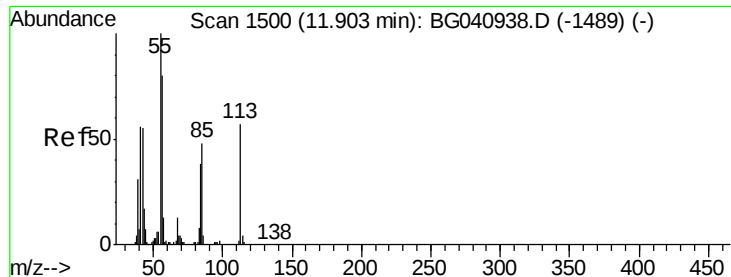
#34
Hexachlorobutadiene
Concen: 8.464 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Tgt Ion	225	Resp: Lower	116587 Upper
	Ratio		
225	100		
223	60.9	48.8	73.2
227	64.6	51.4	77.0



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





#35

Caprolactam

Concen: 8.485 ng

RT: 11.89 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

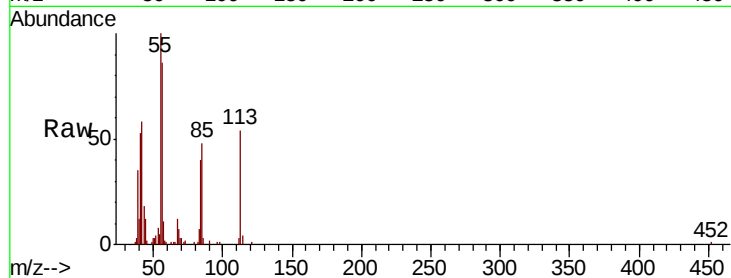
Tot Ion:113 Resp: 44340

Ion Ratio Lower Upper

113 100

55 184.1 155.9 195.9

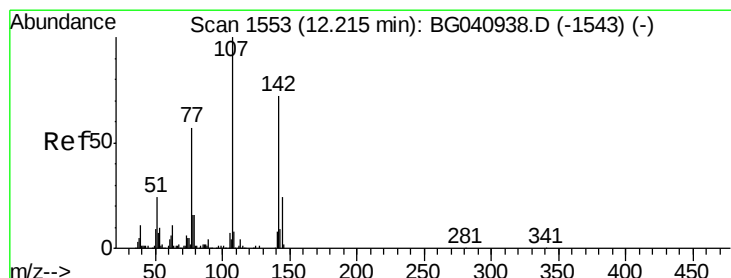
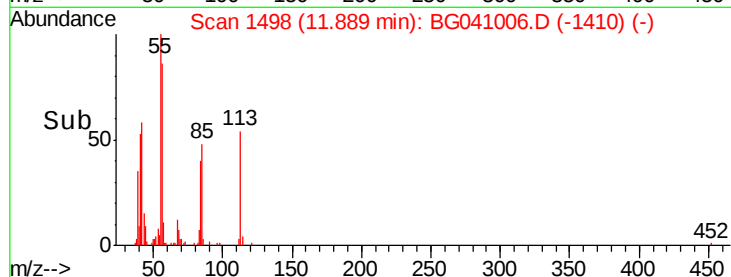
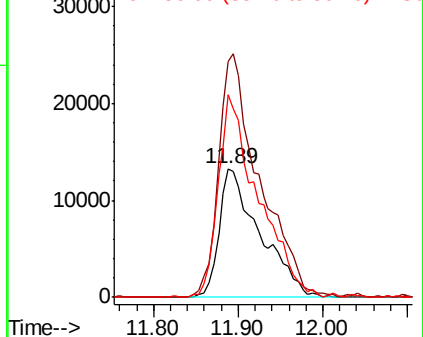
56 157.5 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 8.621 ng

RT: 12.21 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

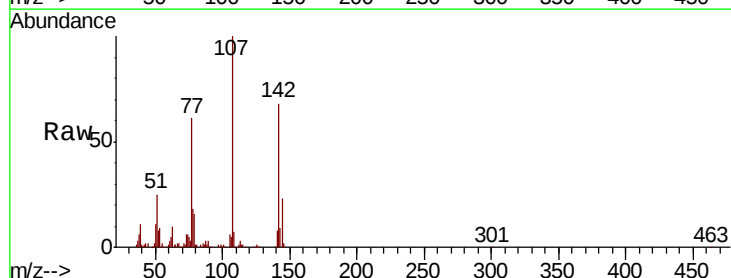
Tgt Ion:107 Resp: 155808

Ion Ratio Lower Upper

107 100

144 23.1 19.4 29.0

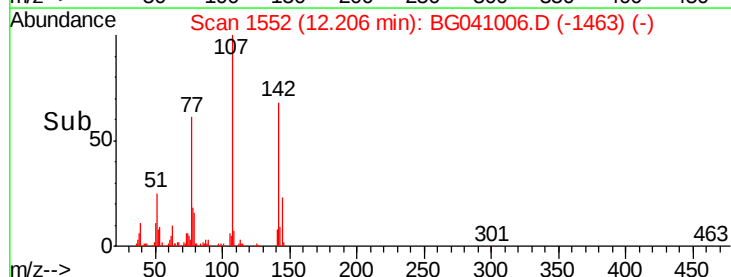
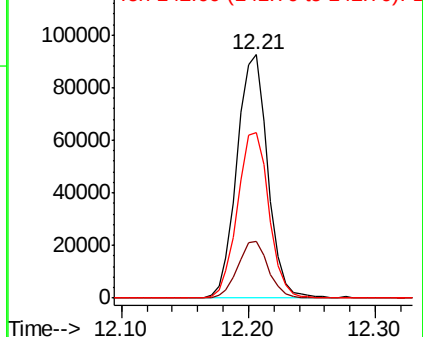
142 68.1 57.3 85.9

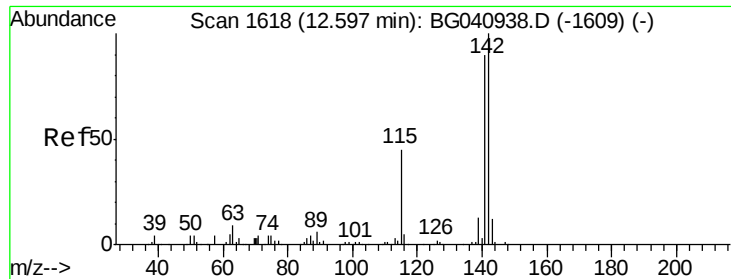


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

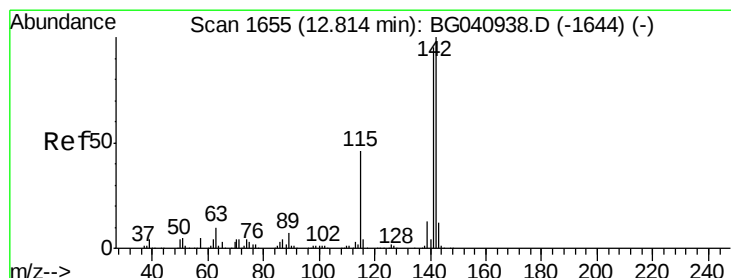
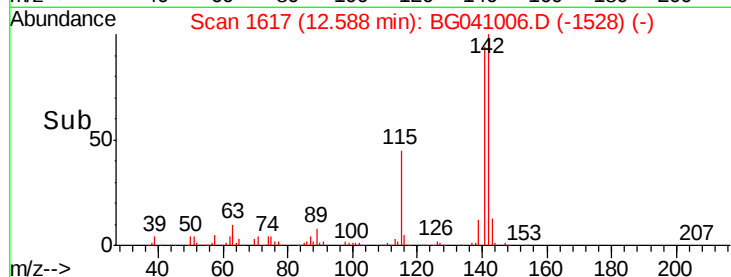
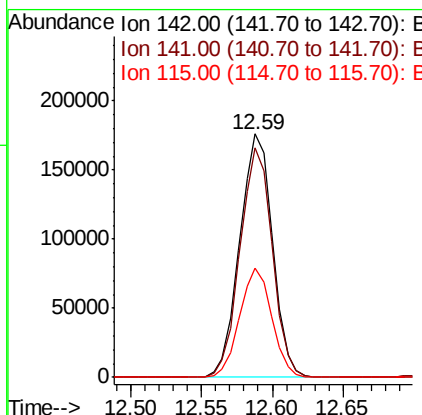
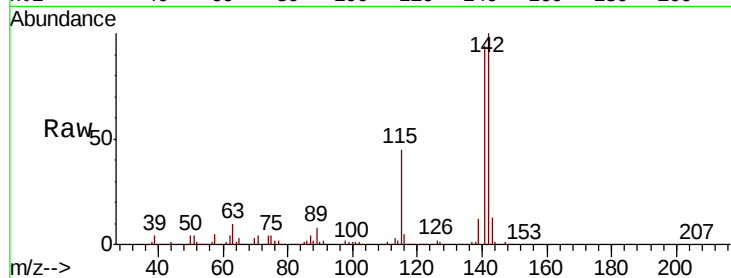




#37
2-Methylnaphthalene
Concen: 8.682 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

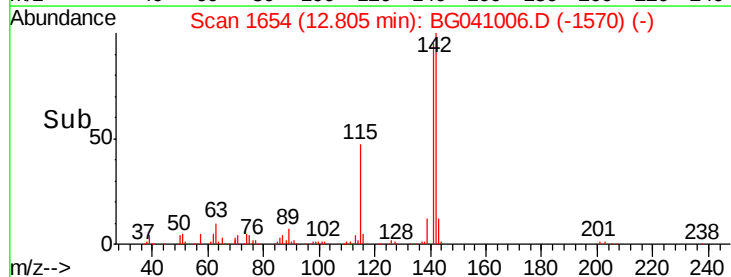
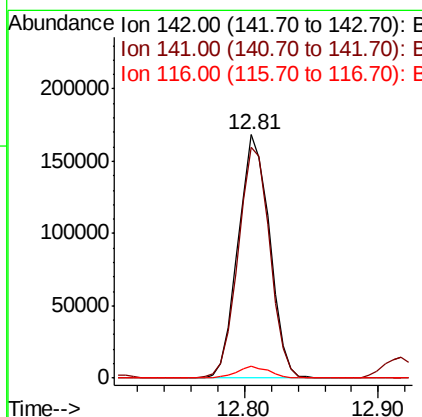
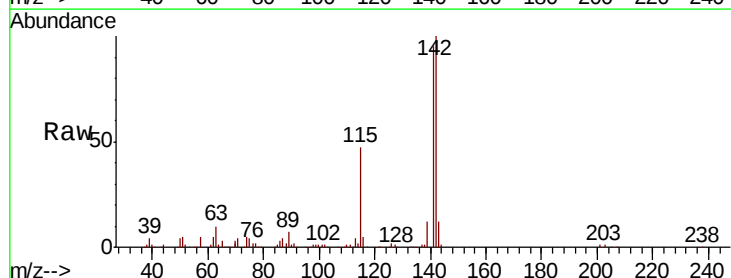
Instrument :
BNA_G
ClientSampleId :
PB120082BS

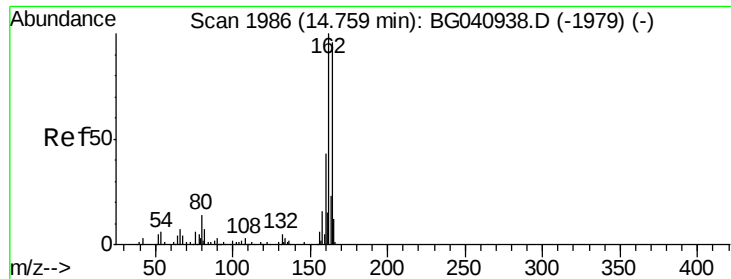
Tot Ion:142 Resp: 286256
Ion Ratio Lower Upper
142 100
141 94.5 72.2 108.4
115 44.7 36.2 54.4



#38
1-Methylnaphthalene
Concen: 8.835 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Tgt Ion:142 Resp: 274489
Ion Ratio Lower Upper
142 100
141 94.8 75.7 113.5
116 4.7 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

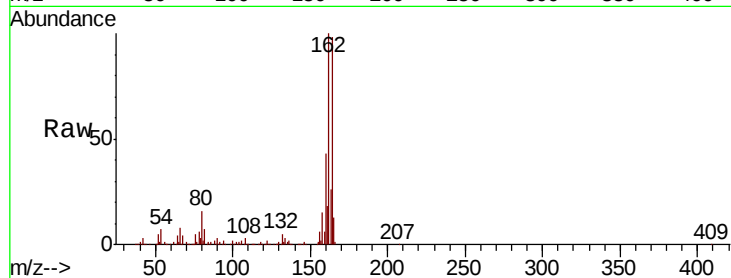
Tot Ion:164 Resp: 602710

Ion Ratio Lower Upper

164 100

162 101.7 83.0 124.4

160 43.8 35.6 53.4

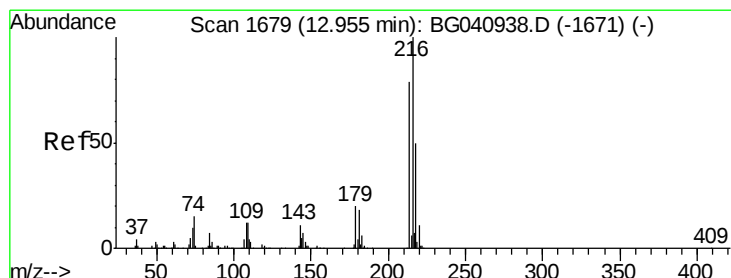
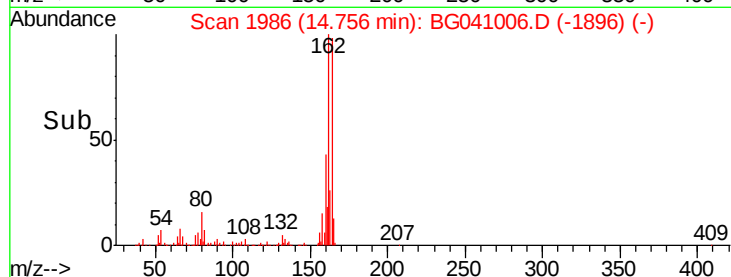
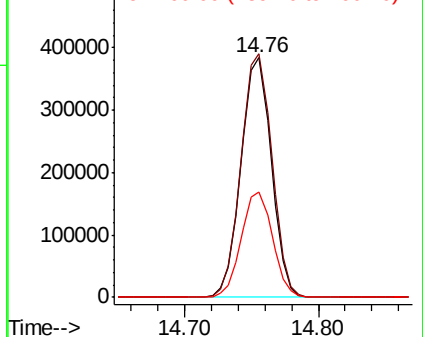


Abundance

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: 8.679 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Tgt Ion:216 Resp: 210824

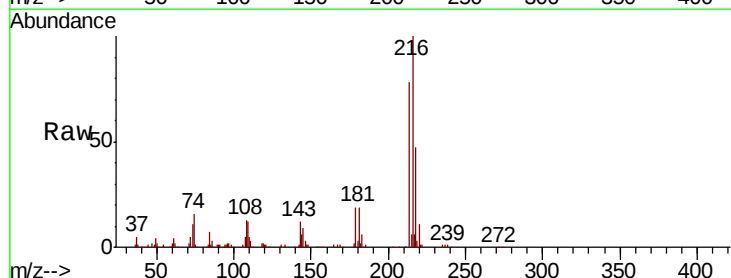
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 18.5 15.2 22.8

108 16.8 11.4 17.2



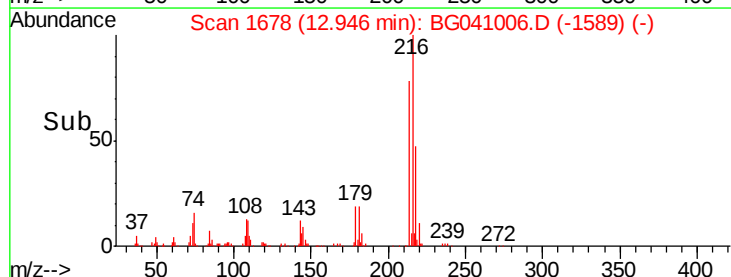
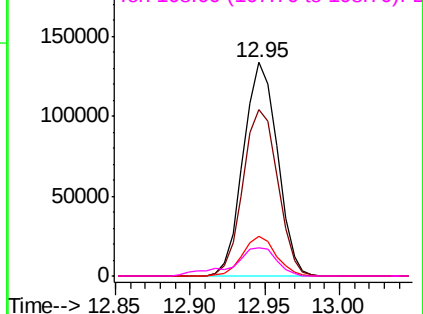
Abundance

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: 24.800 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

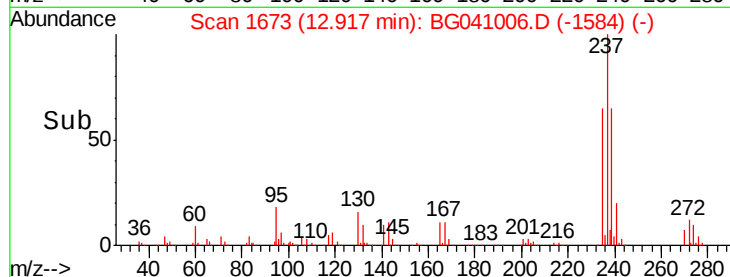
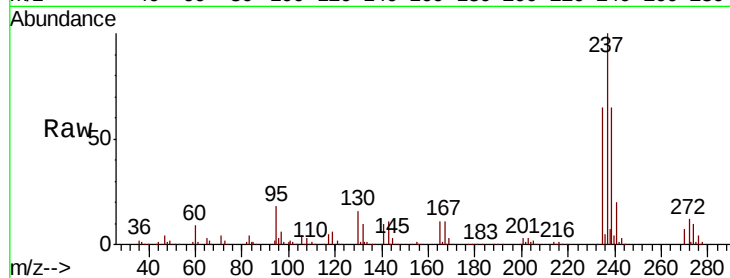
Tot Ion:237 Resp: 241133

Ion Ratio Lower Upper

237 100

235 65.0 45.5 85.5

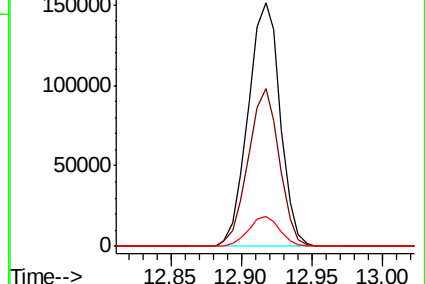
272 12.3 0.0 32.9



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: 103.571 ng

RT: 16.25 min Scan# 2240

Delta R.T. 0.00 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

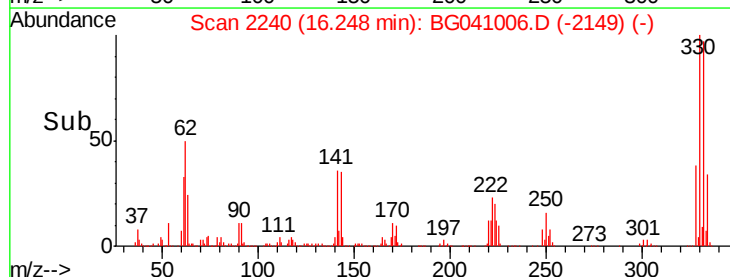
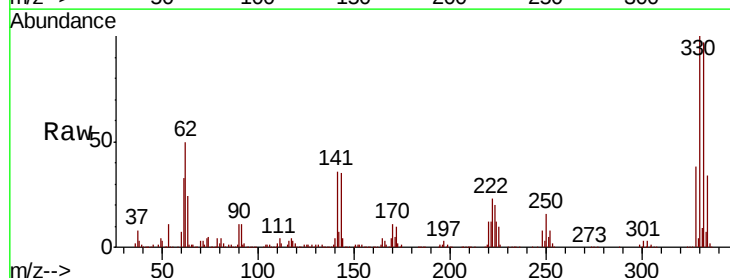
Tgt Ion:330 Resp: 926719

Ion Ratio Lower Upper

330 100

332 96.5 78.5 117.7

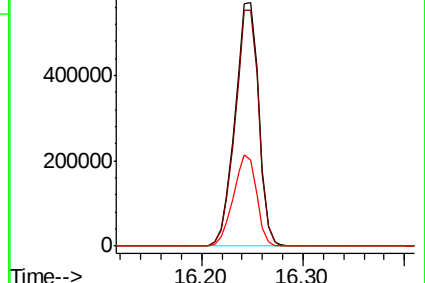
141 36.7 28.7 43.1

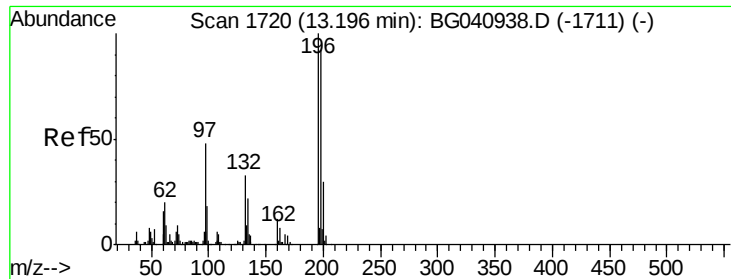


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

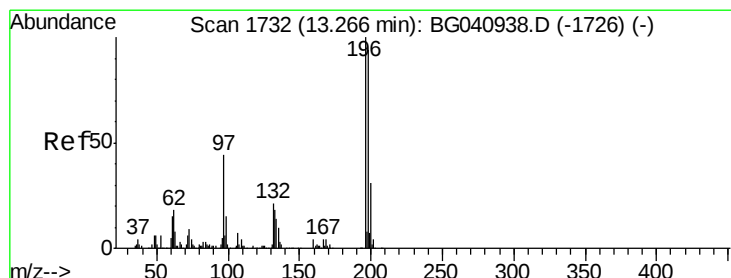
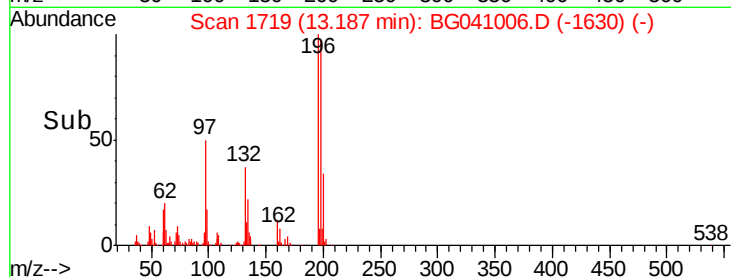
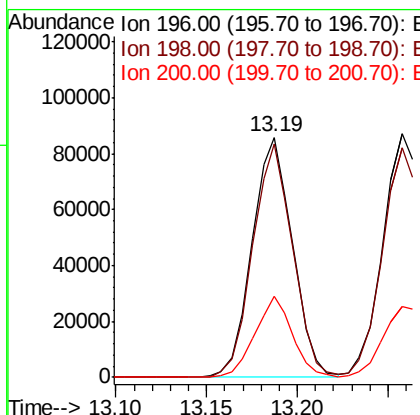
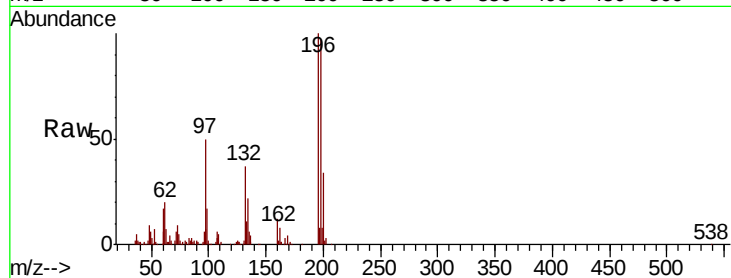




#43
 2,4,6-Trichlorophenol
 Concen: 8.410 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG041006.D
 Acq: 1 Jun 2019 11:05

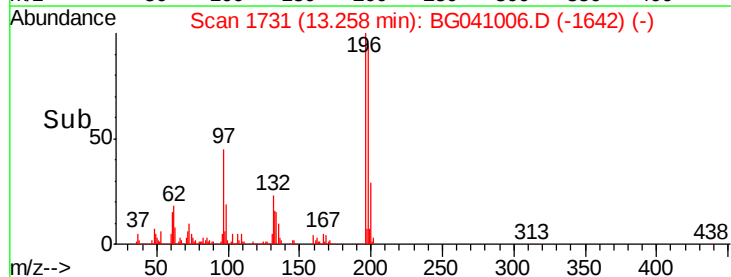
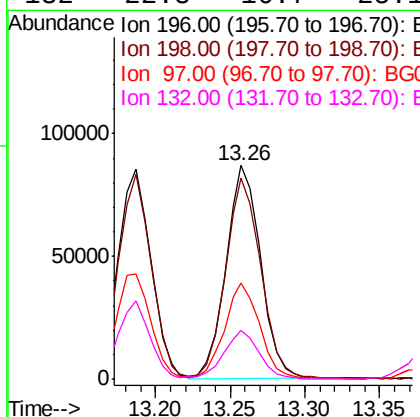
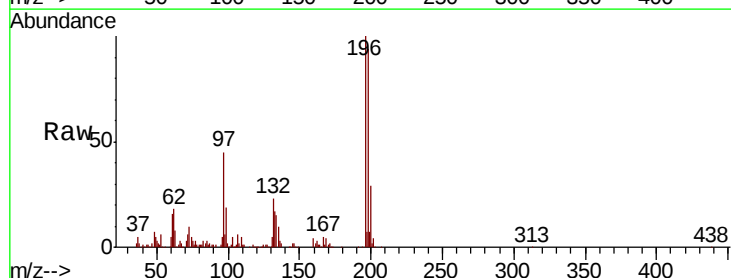
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.1	73.8	110.6
200	33.7	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 8.545 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG041006.D
 Acq: 1 Jun 2019 11:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.1	112.7
97	44.8	35.6	53.4
132	22.8	16.7	25.1

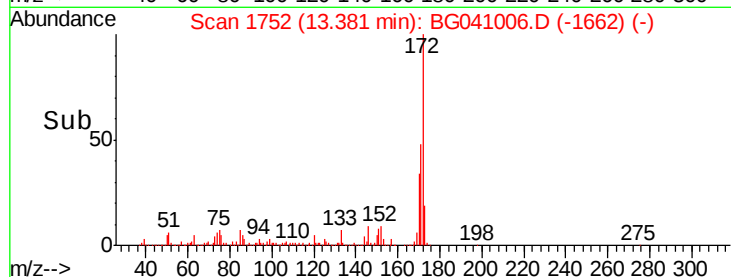
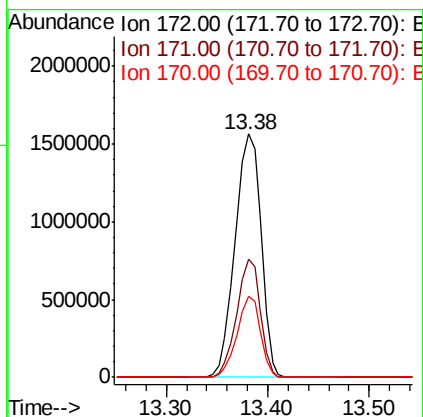
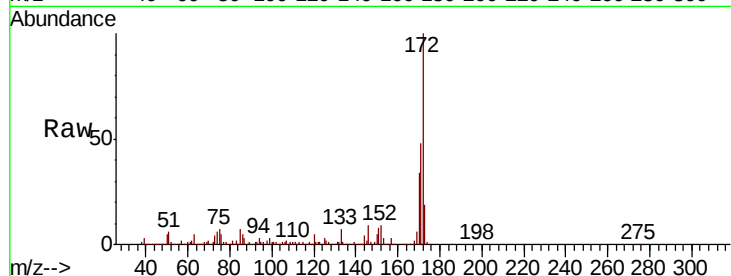




#45
2-Fluorobiphenyl
Concen: 66.832 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

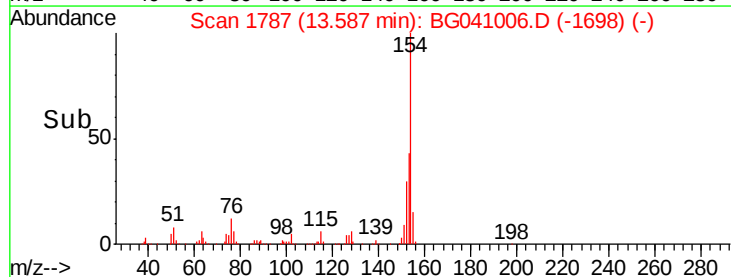
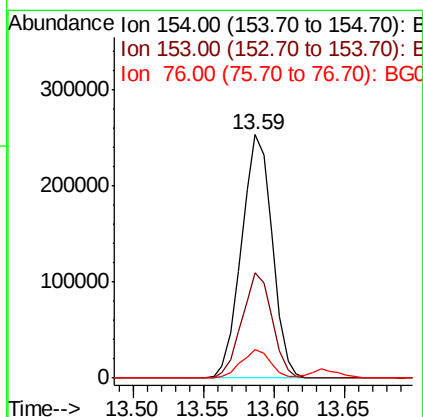
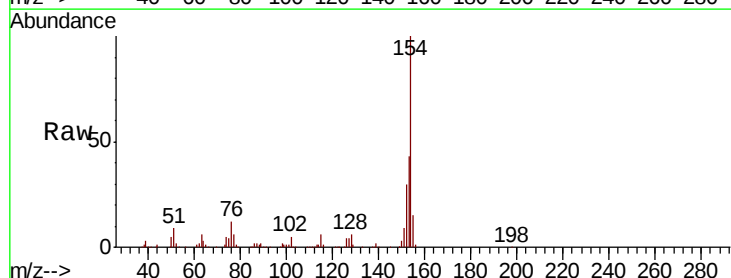
Instrument :
BNA_G
ClientSampleId :
PB120082BS

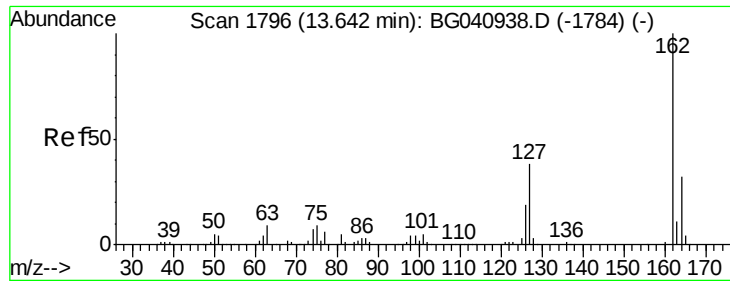
Tot Ion:172 Resp: 2797018
Ion Ratio Lower Upper
172 100
171 48.3 31.1 46.7#
170 33.5 20.5 30.7#



#46
1,1'-Biphenyl
Concen: 8.653 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Tgt Ion:154 Resp: 386023
Ion Ratio Lower Upper
154 100
153 43.4 23.3 63.3
76 11.6 0.0 31.1

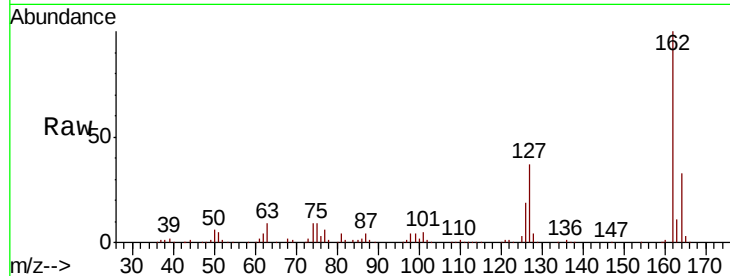




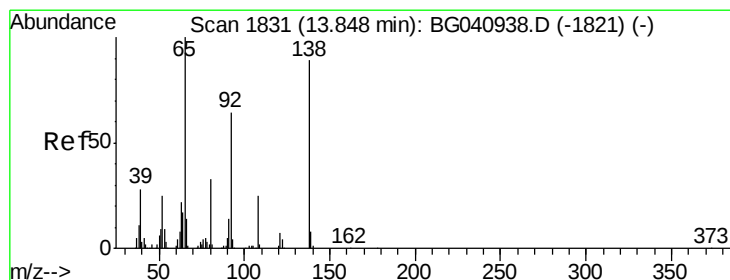
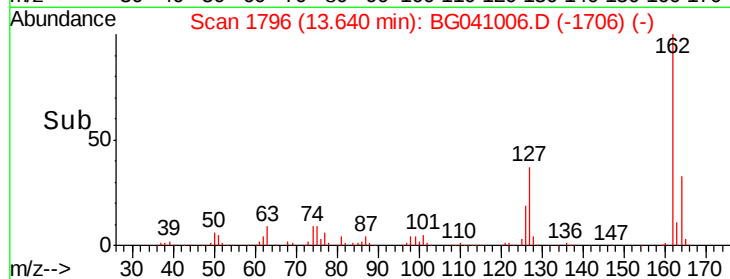
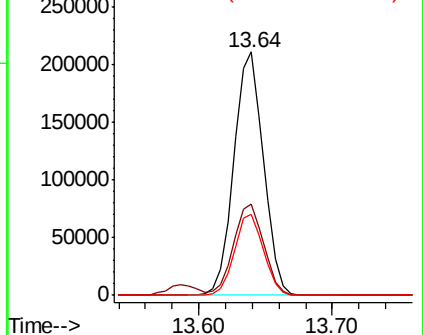
#47
 2-Chloronaphthalene
 Concen: 8.468 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG041006.D
 Acq: 1 Jun 2019 11:05

Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

Tot Ion:162 Resp: 324328
 Ion Ratio Lower Upper
 162 100
 127 37.5 30.5 45.7
 164 33.2 25.8 38.6

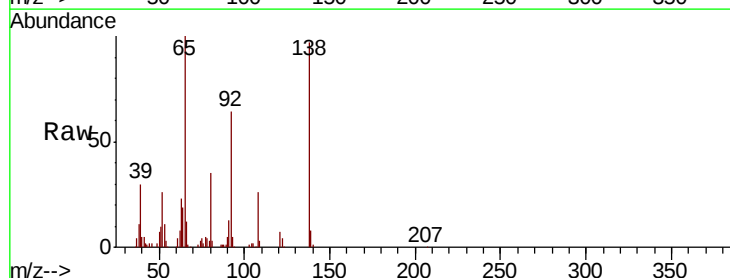


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

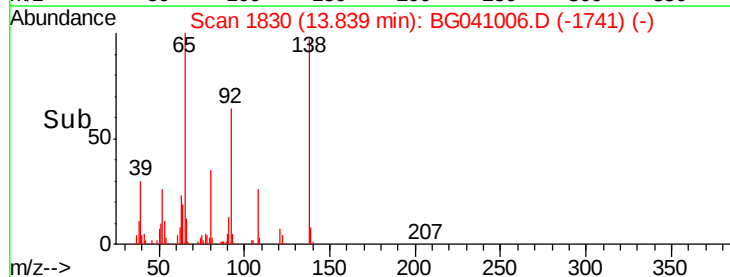
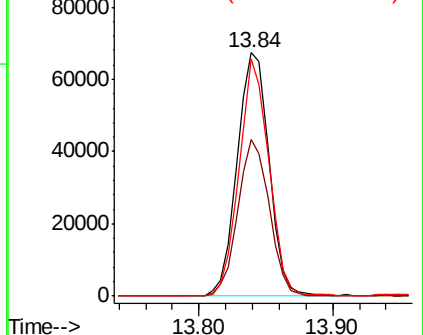


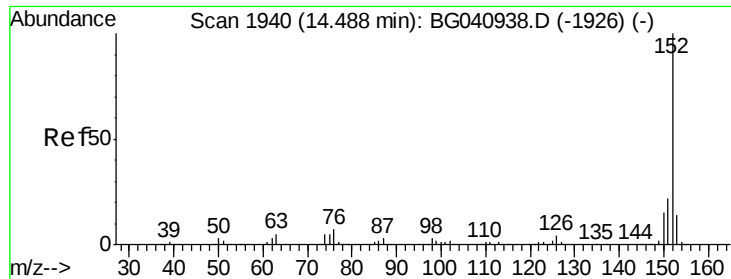
#48
 2-Nitroaniline
 Concen: 8.117 ng
 RT: 13.84 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG041006.D
 Acq: 1 Jun 2019 11:05

Tgt Ion: 65 Resp: 111526
 Ion Ratio Lower Upper
 65 100
 92 64.2 51.0 76.6
 138 97.2 71.2 106.8



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





#49

Acenaphthylene

Concen: 8.751 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

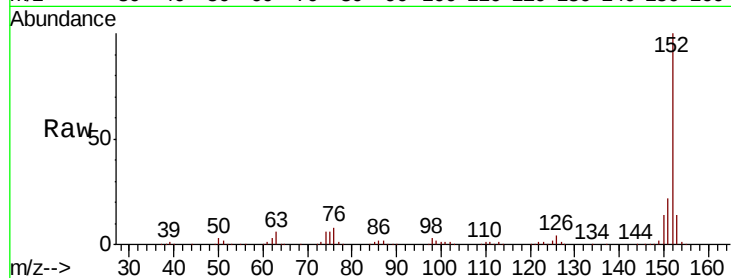
Tot Ion:152 Resp: 504417

Ion Ratio Lower Upper

152 100

151 22.0 17.4 26.0

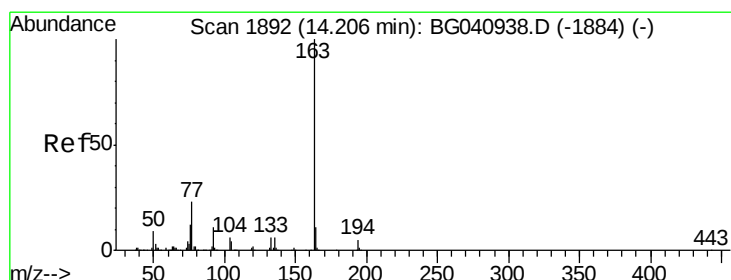
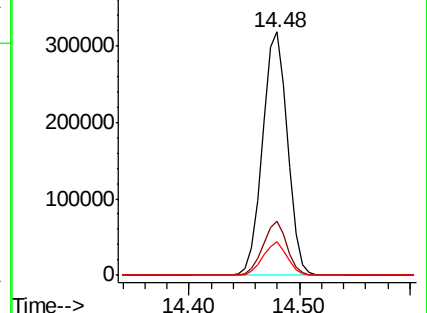
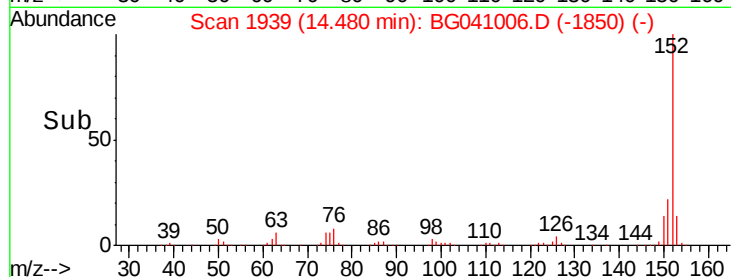
153 14.1 11.0 16.4



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: 8.358 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

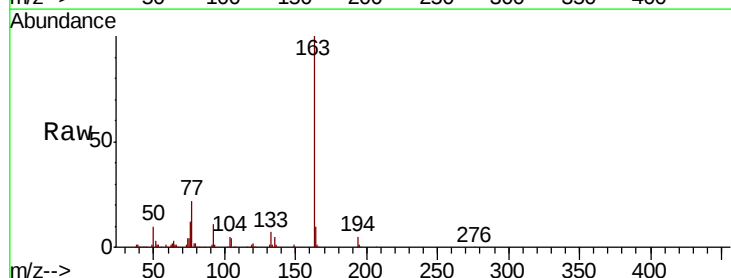
Tgt Ion:163 Resp: 426397

Ion Ratio Lower Upper

163 100

194 5.2 3.8 5.8

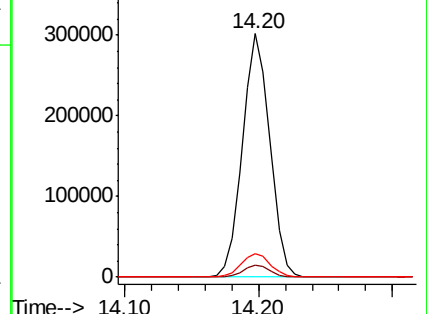
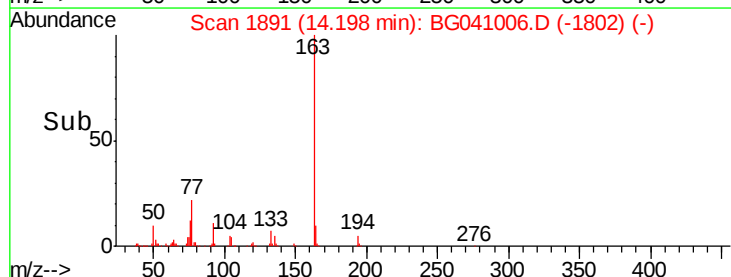
164 9.7 8.7 13.1

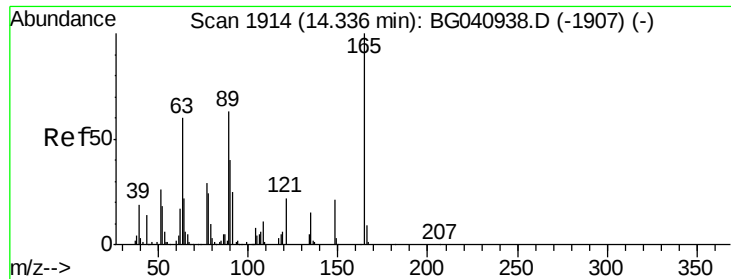


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

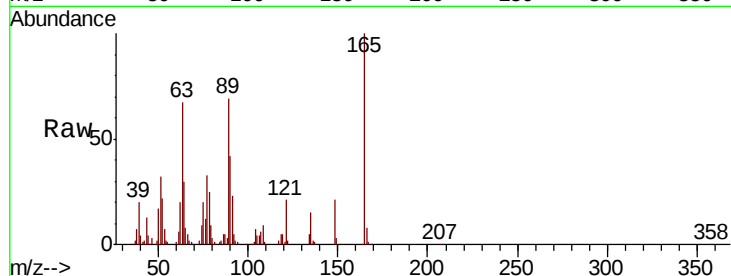




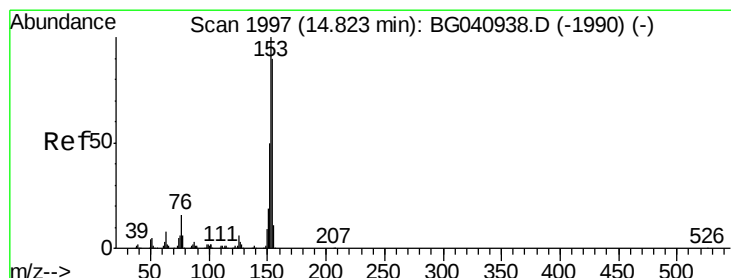
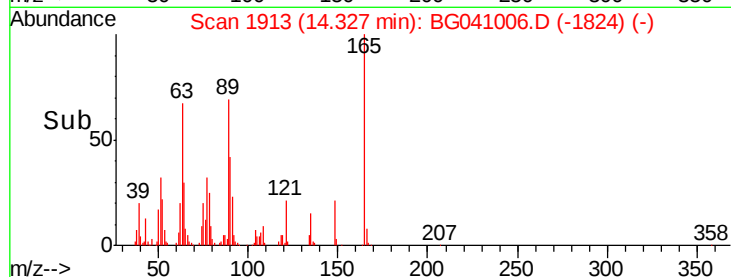
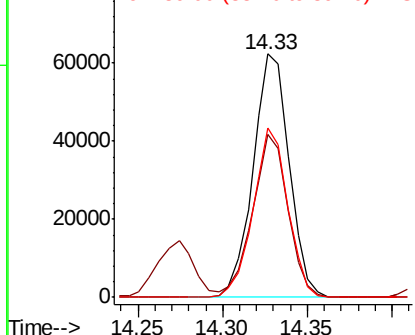
#51
2,6-Dinitrotoluene
Concen: 8.415 ng
RT: 14.33 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion:165 Resp: 92567
Ion Ratio Lower Upper
165 100
63 67.1 53.6 80.4
89 69.4 50.4 75.6

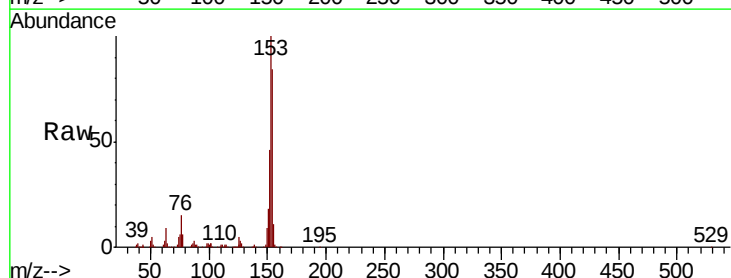


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

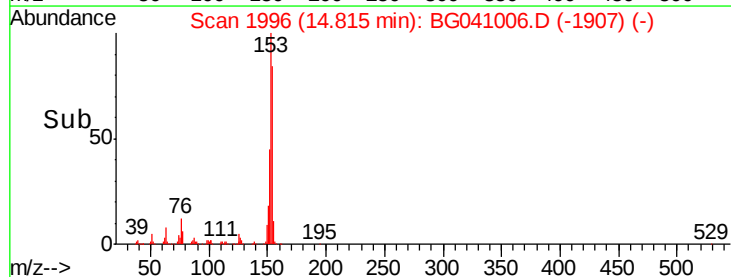
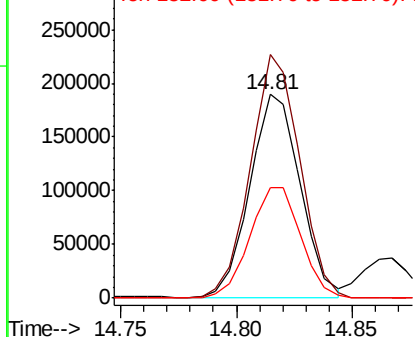


#52
Acenaphthene
Concen: 8.233 ng
RT: 14.81 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Tgt Ion:154 Resp: 287493
Ion Ratio Lower Upper
154 100
153 119.6 88.6 133.0
152 54.6 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

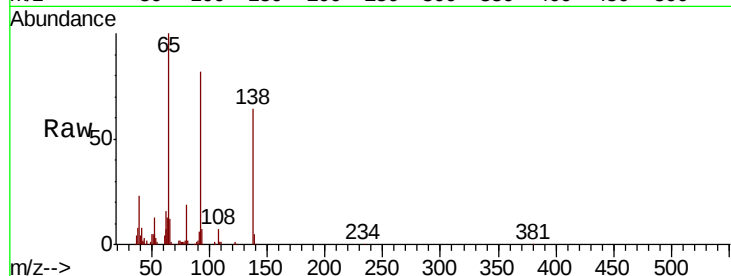




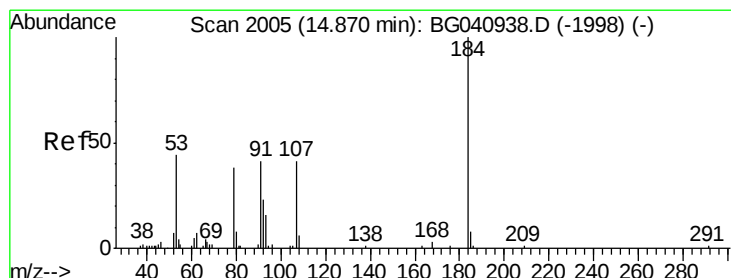
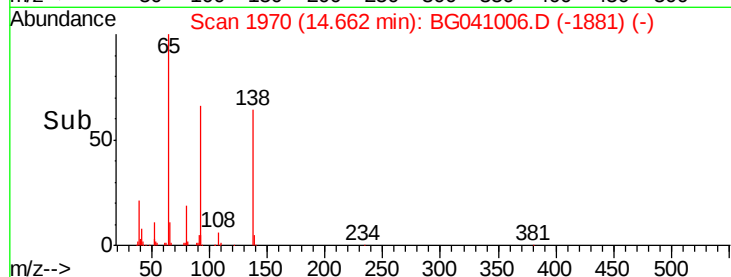
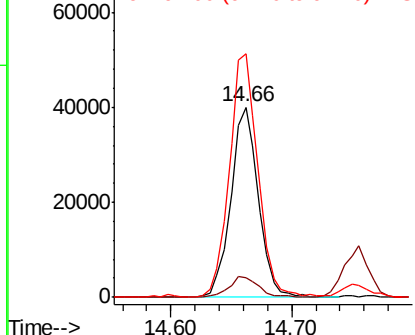
#53
3-Nitroaniline
Concen: 5.761 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion:138 Resp: 63367
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 128.0 99.0 148.6

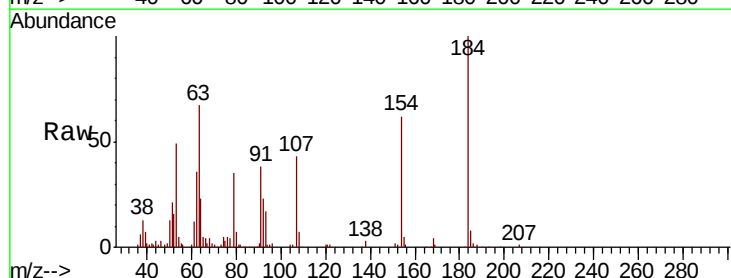


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

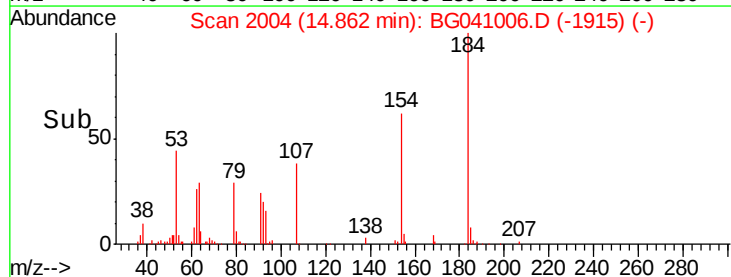
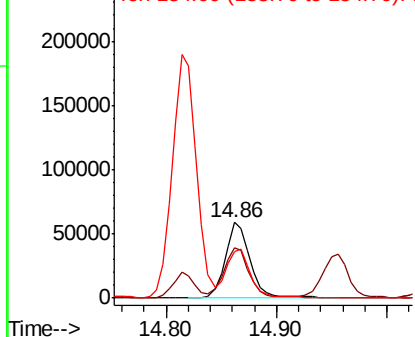


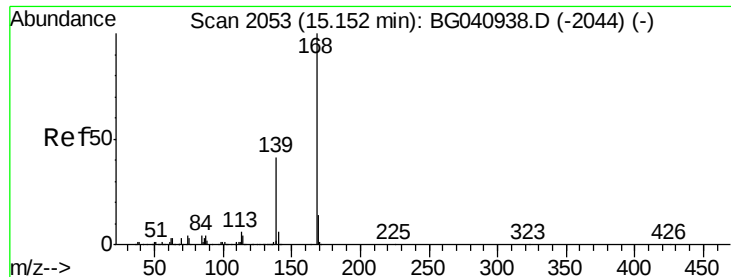
#54
2,4-Dinitrophenol
Concen: 26.930 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Tgt Ion:184 Resp: 93420
Ion Ratio Lower Upper
184 100
63 67.1 49.8 74.6
154 61.6 52.2 78.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 8.750 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

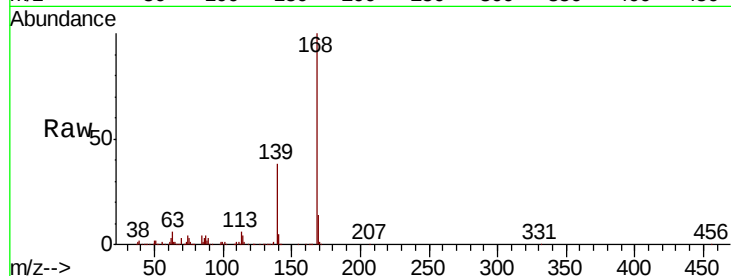
Tot Ion:168 Resp: 514121

Ion Ratio Lower Upper

168 100

139 37.5 32.8 49.2

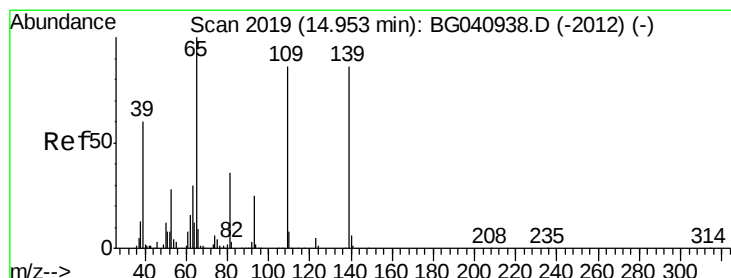
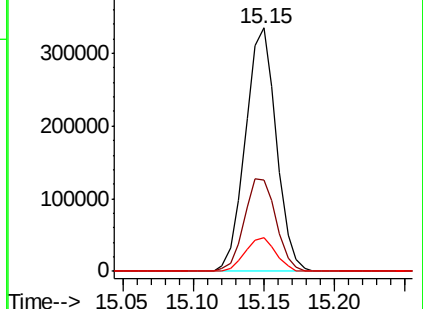
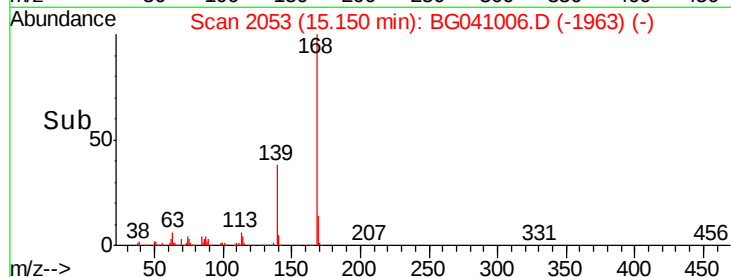
169 13.7 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 18.977 ng

RT: 14.96 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

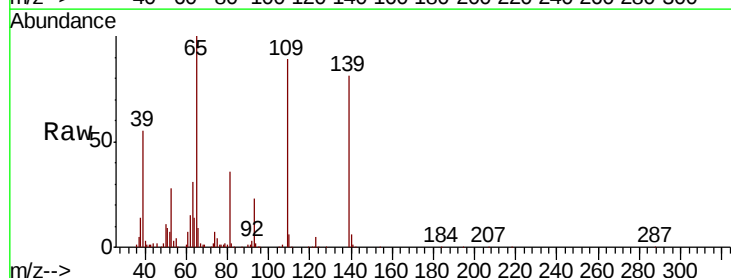
Tgt Ion:139 Resp: 143182

Ion Ratio Lower Upper

139 100

109 109.8 79.6 119.6

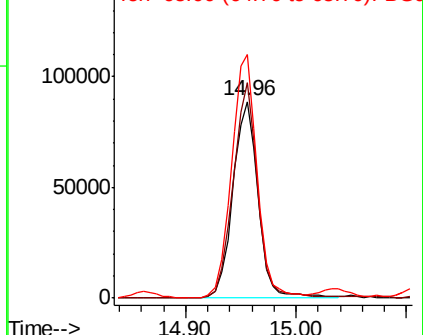
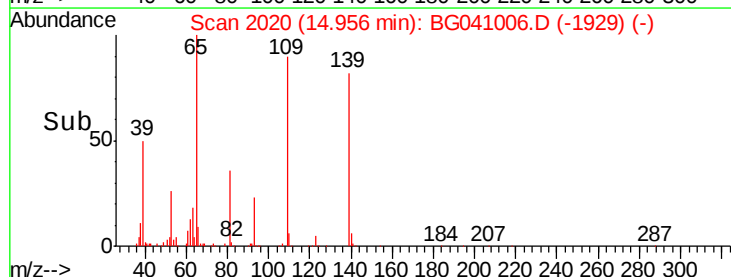
65 123.8 96.9 136.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

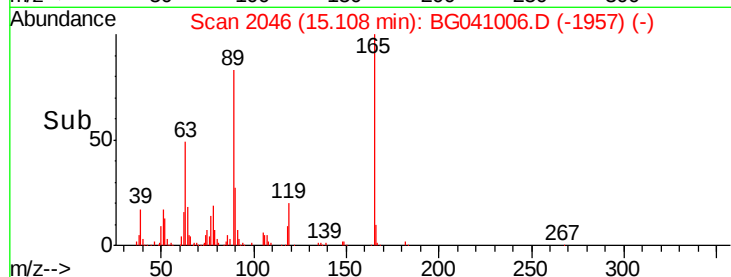
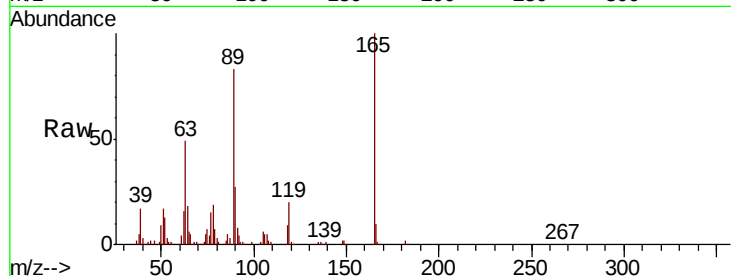




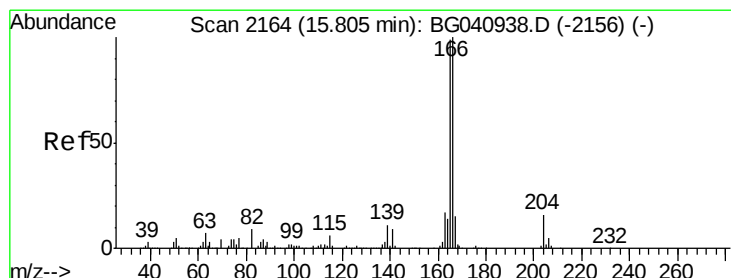
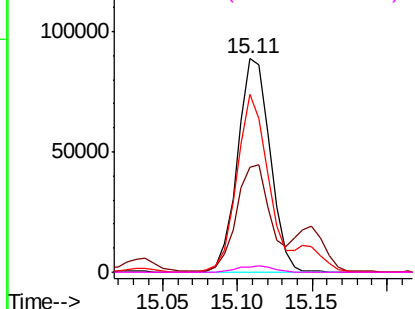
#57
2,4-Dinitrotoluene
Concen: 8.619 ng
RT: 15.11 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion:165 Resp: 133934
Ion Ratio Lower Upper
165 100
63 49.0 37.3 55.9
89 83.4 61.0 91.6
182 2.5 2.2 3.2

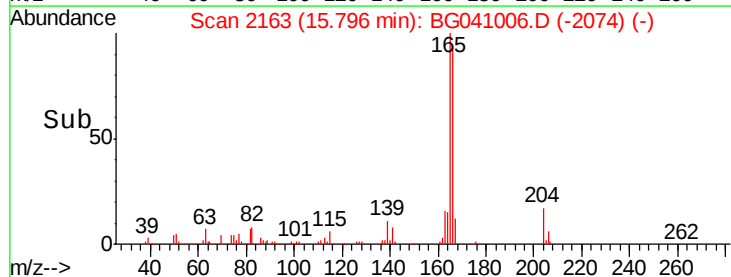
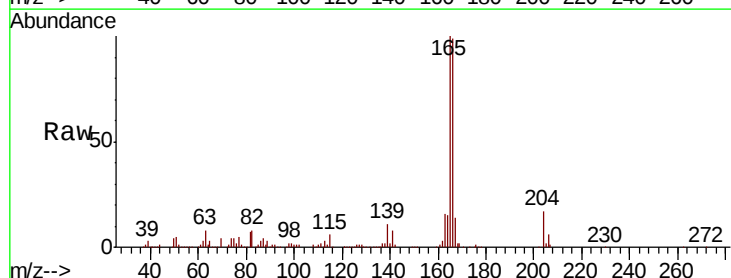


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

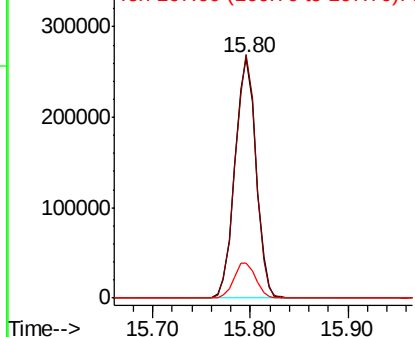


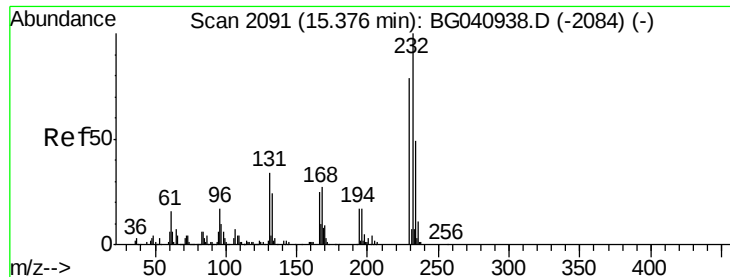
#58
Fluorene
Concen: 8.522 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Tgt Ion:166 Resp: 398774
Ion Ratio Lower Upper
166 100
165 101.4 79.2 118.8
167 14.5 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

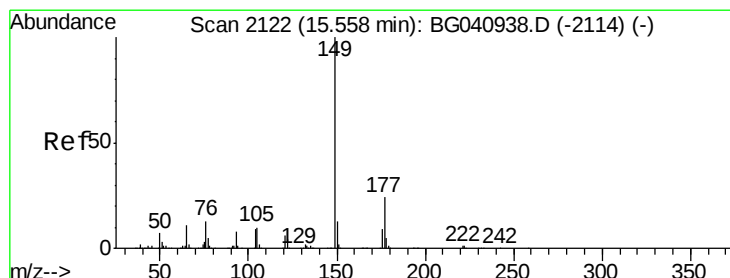
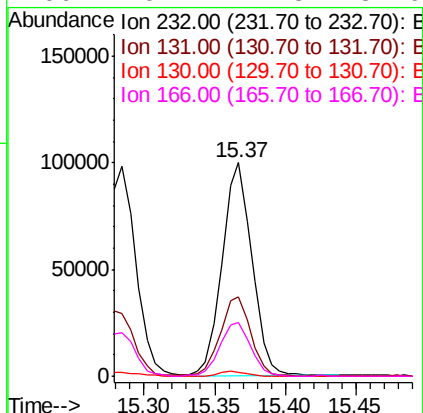
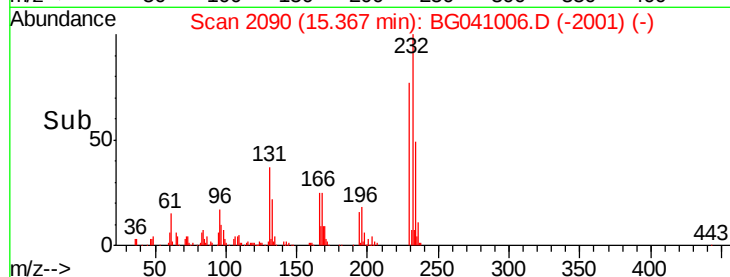
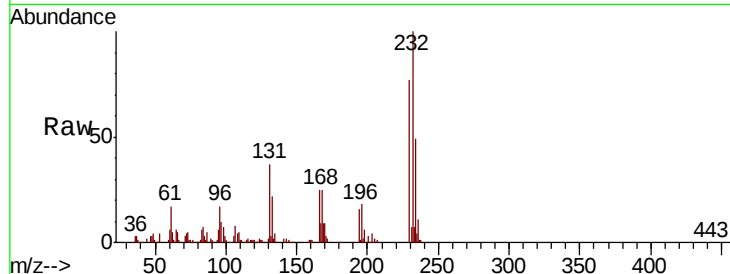




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 8.993 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG041006.D
 Acq: 1 Jun 2019 11:05

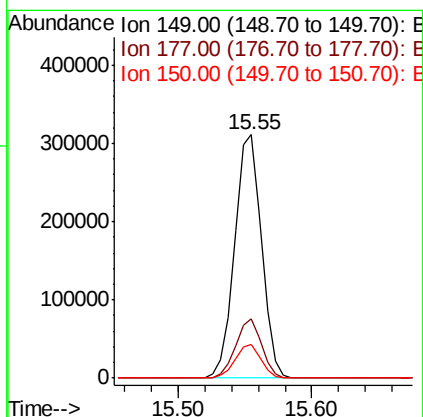
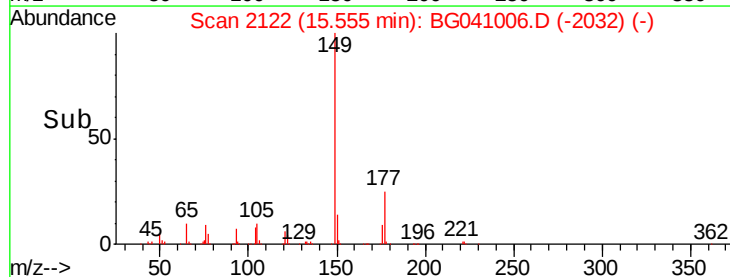
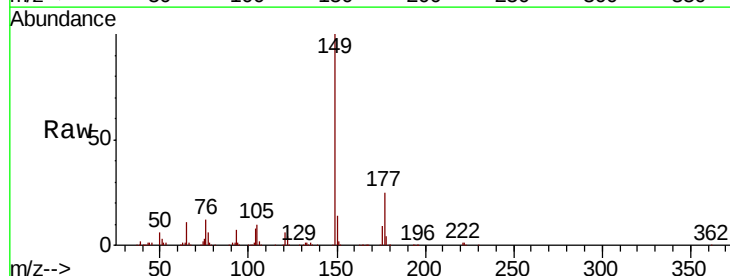
Instrument :
 BNA_G
 ClientSampleId :
 PB120082BS

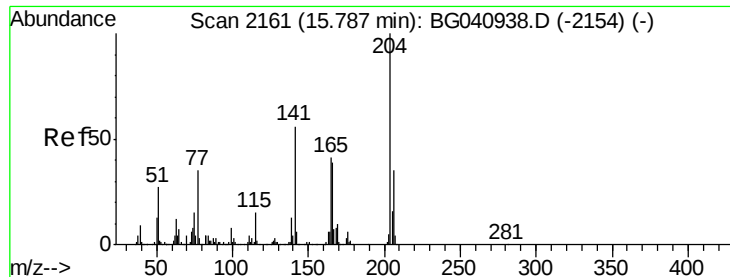
Tot Ion:	232	Resp:	146477
Ion	Ratio	Lower	Upper
232	100		
131	38.2	30.3	45.5
130	2.1	1.8	2.8
166	26.2	21.3	31.9



#60
 Diethylphthalate
 Concen: 8.376 ng
 RT: 15.55 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG041006.D
 Acq: 1 Jun 2019 11:05

Tgt Ion:	149	Resp:	436116
Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.4	29.0
150	13.6	10.3	15.5

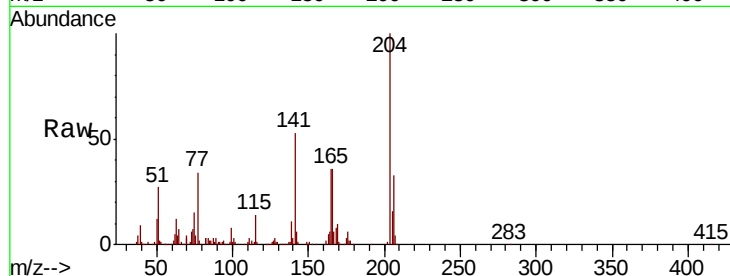




#61
4-Chlorophenyl-phenylether
Concen: 8.222 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	27.6	41.4
141	52.6	45.1	67.7

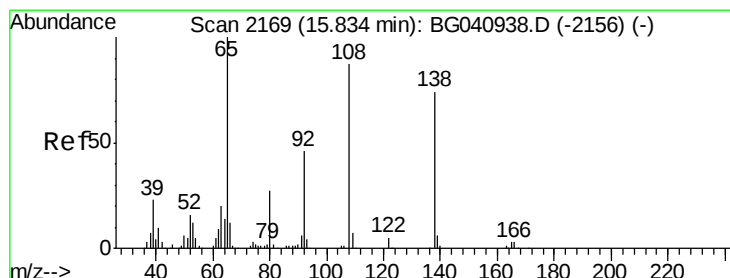
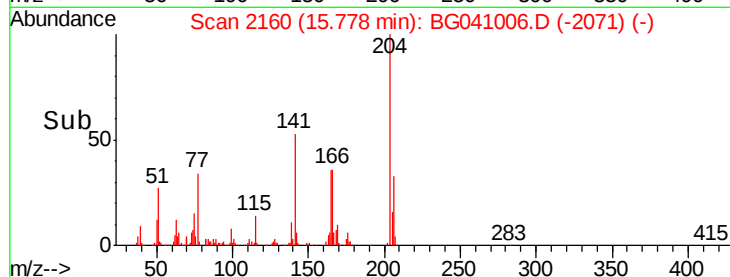
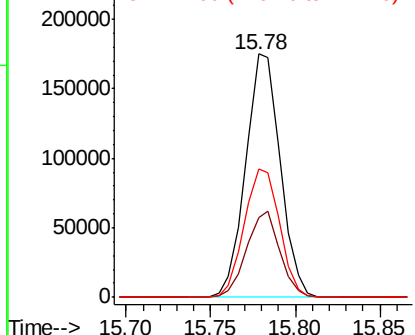


Abundance

Ion 204.00 (203.70 to 204.70): E

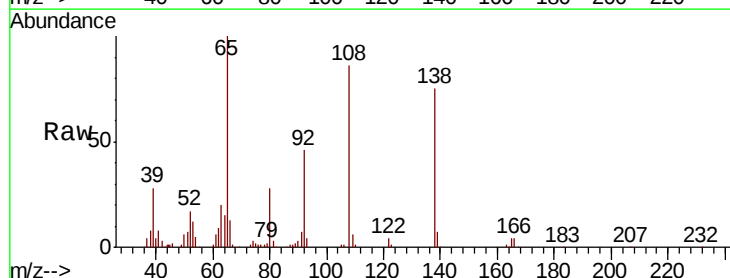
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 7.645 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.4	42.4	82.4
108	114.2	96.9	136.9

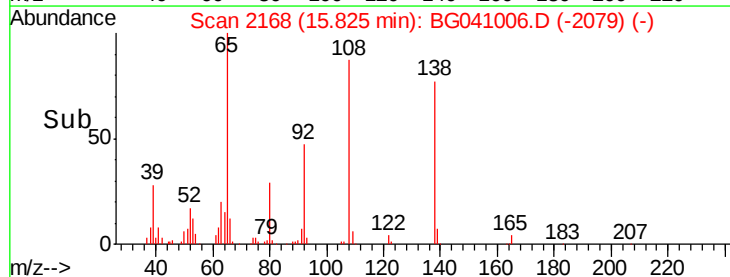
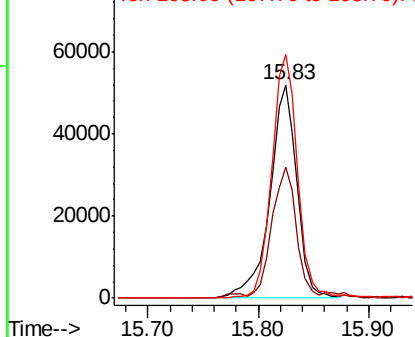


Abundance

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: 8.623 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

Tot Ion: 77 Resp: 408073

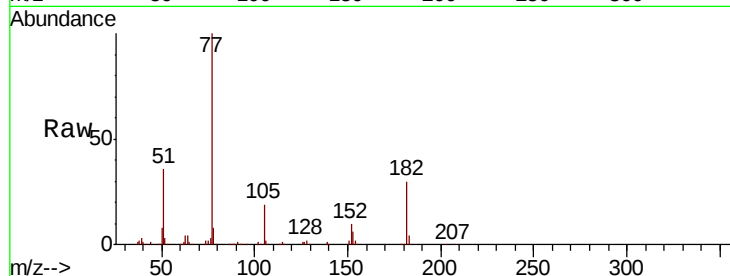
Ion Ratio Lower Upper

77 100

182 30.0 9.6 49.6

105 18.7 0.0 37.5

51 35.6 13.7 53.7

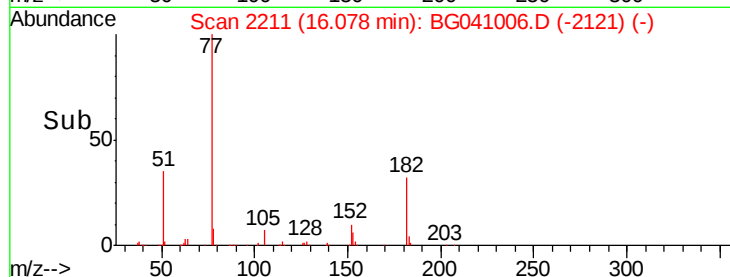
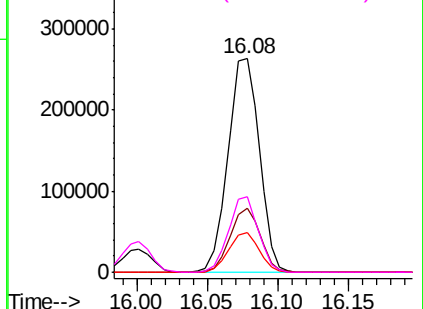


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.50 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

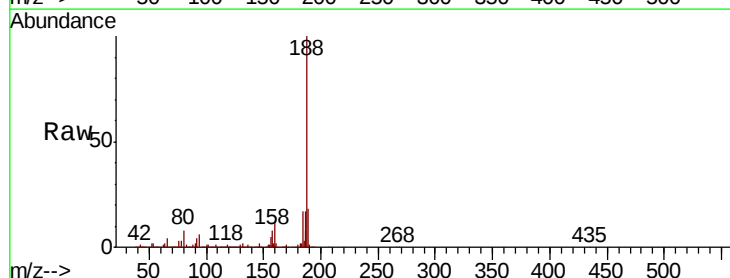
Tgt Ion: 188 Resp: 1463397

Ion Ratio Lower Upper

188 100

94 6.2 4.7 7.1

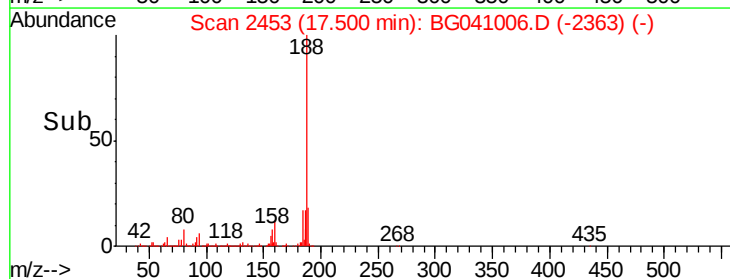
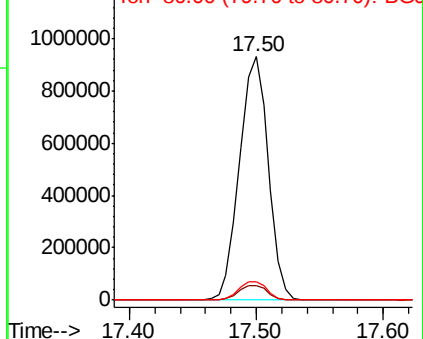
80 7.6 5.8 8.8

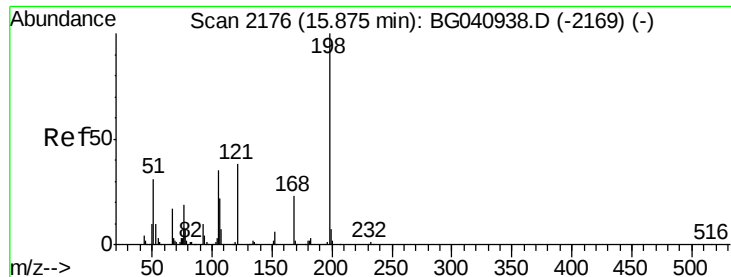


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

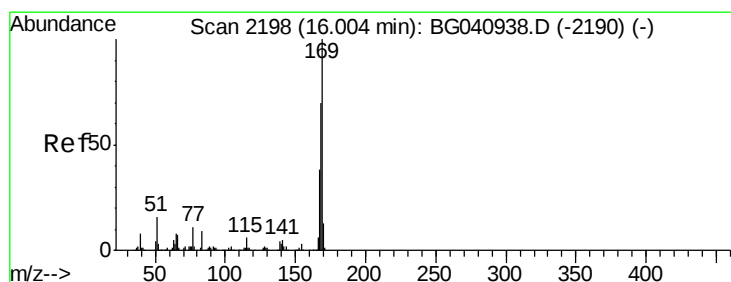
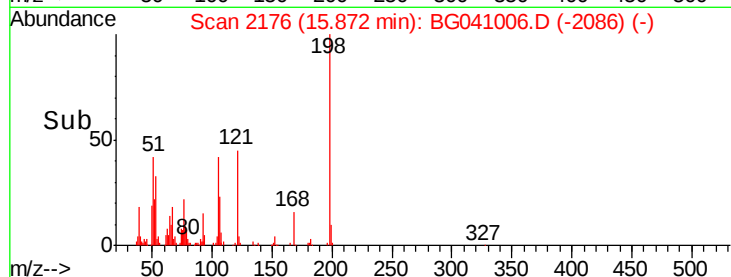
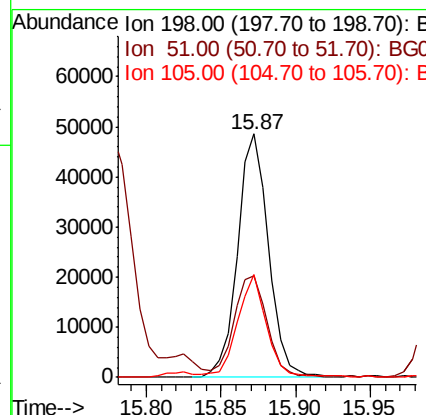
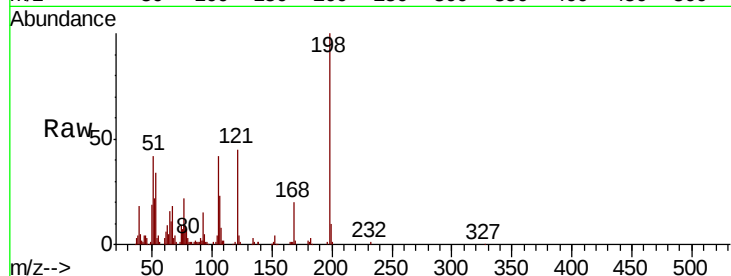




#65
4,6-Dinitro-2-methylphenol
Concen: 15.926 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

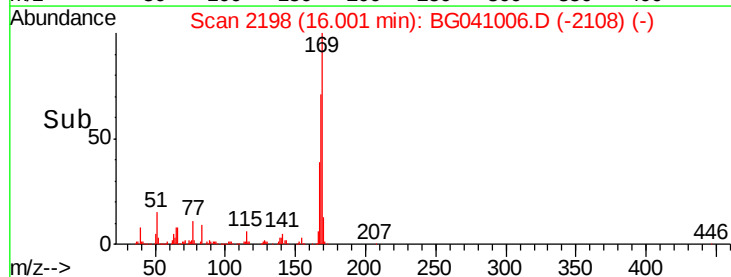
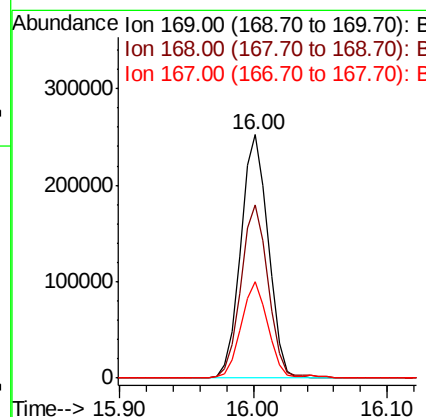
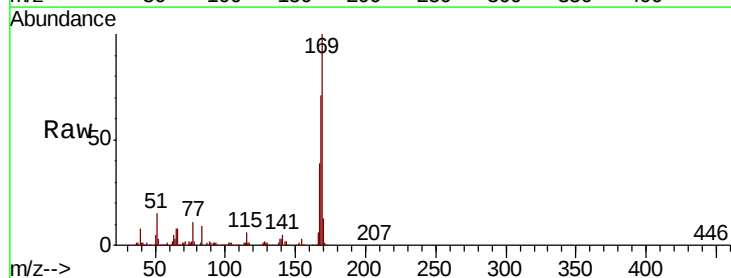
Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion:198 Resp: 70066
Ion Ratio Lower Upper
198 100
51 41.6 21.6 61.6
105 42.0 17.5 57.5



#66
n-Nitrosodiphenylamine
Concen: 8.733 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Tgt Ion:169 Resp: 359273
Ion Ratio Lower Upper
169 100
168 71.0 55.7 83.5
167 39.5 30.2 45.2

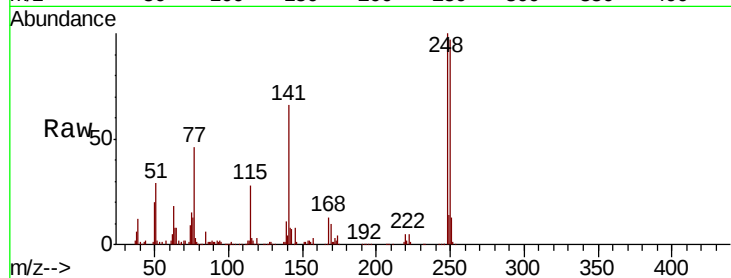




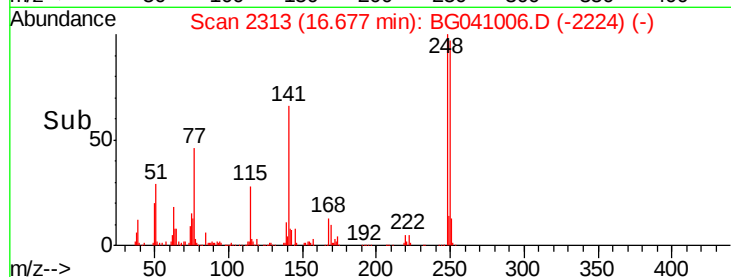
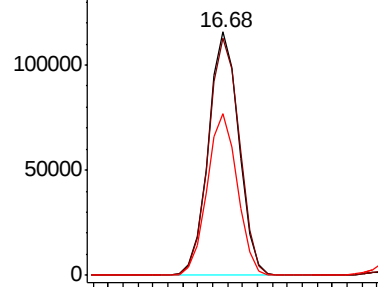
#67
4-Bromophenyl-phenylether
Concen: 8.323 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Instrument :
BNA_G
ClientSampleId :
PB120082BS

Tot Ion:248 Resp: 164373
Ion Ratio Lower Upper
248 100
250 97.4 75.0 112.4
141 66.3 52.4 78.6

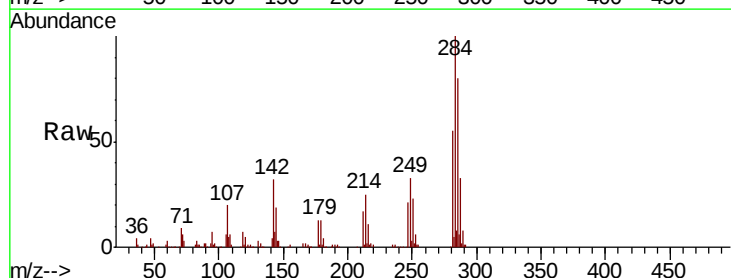


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

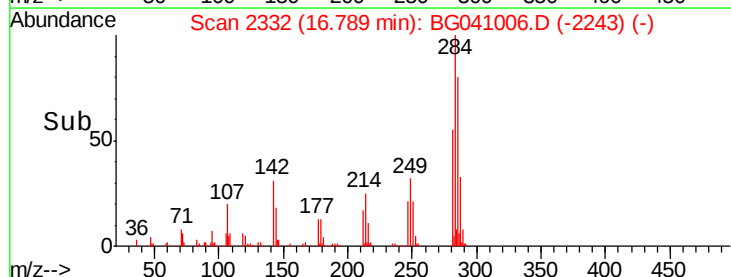
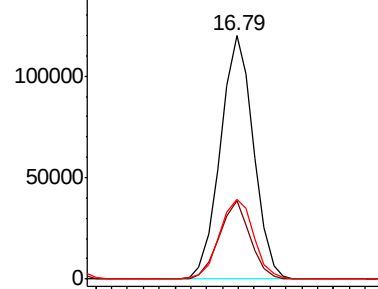


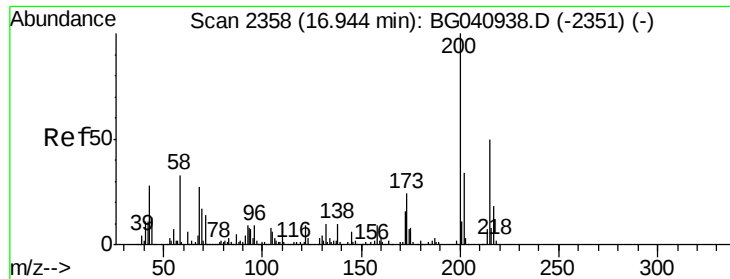
#68
Hexachlorobenzene
Concen: 8.273 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Tgt Ion:284 Resp: 173980
Ion Ratio Lower Upper
284 100
142 32.3 23.9 35.9
249 32.9 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: 9.761 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

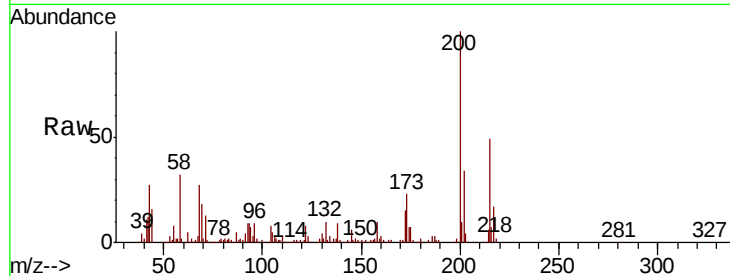
Tot Ion:200 Resp: 154941

Ion Ratio Lower Upper

200 100

173 22.9 3.6 43.6

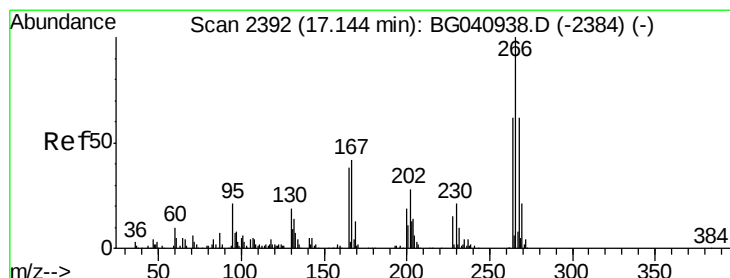
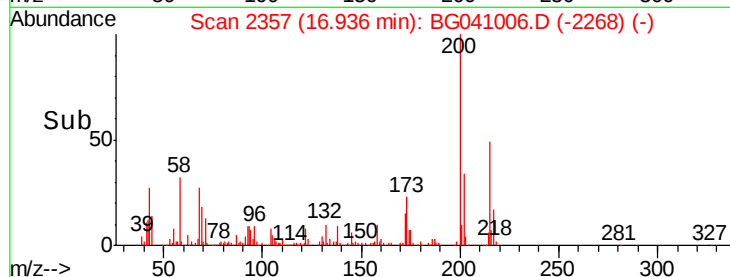
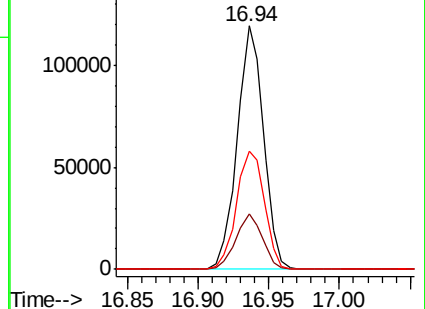
215 48.7 29.6 69.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 21.431 ng

RT: 17.14 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

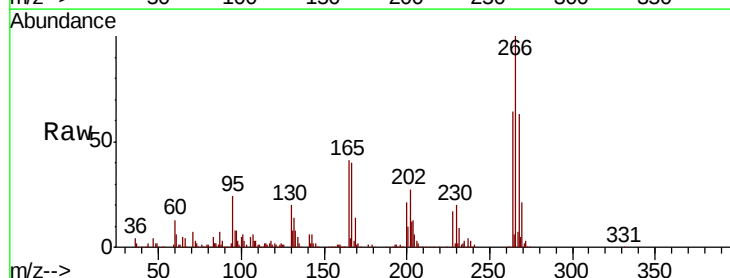
Tgt Ion:266 Resp: 204364

Ion Ratio Lower Upper

266 100

268 63.0 53.1 79.7

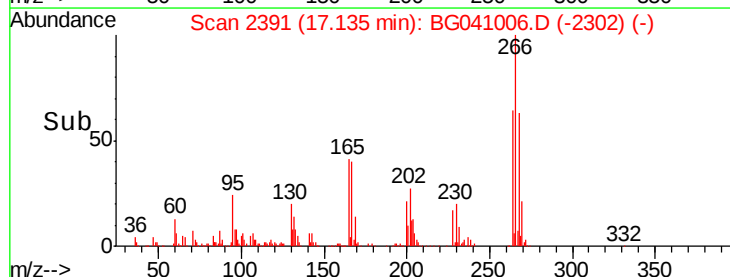
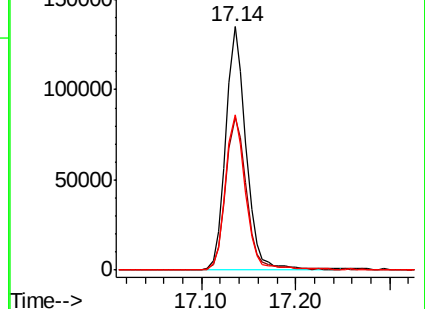
264 63.9 49.9 74.9

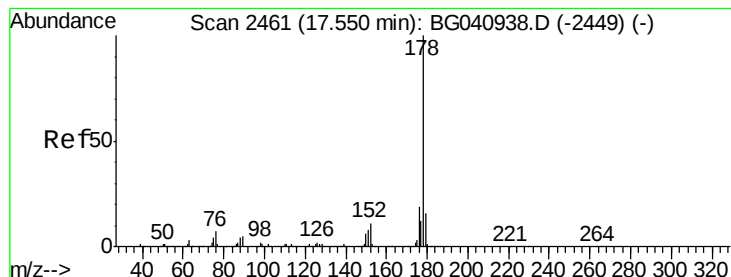


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 8.763 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

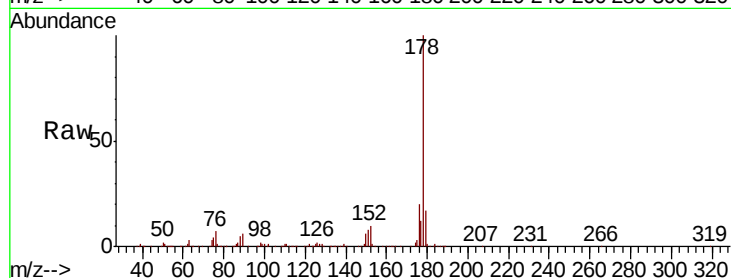
Tot Ion:178 Resp: 667998

Ion Ratio Lower Upper

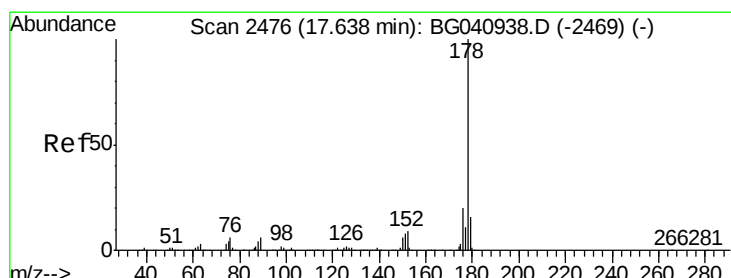
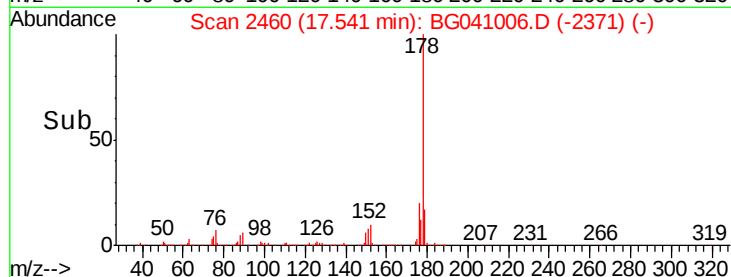
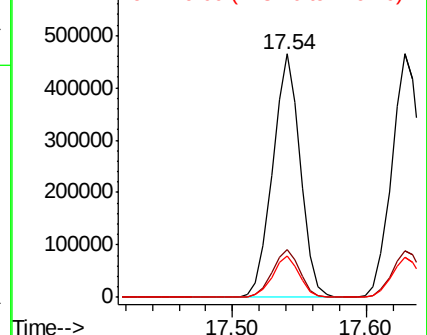
178 100

176 19.7 15.5 23.3

179 16.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 9.402 ng

RT: 17.63 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

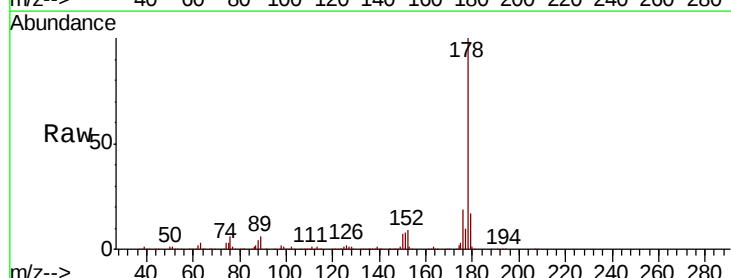
Tgt Ion:178 Resp: 706824

Ion Ratio Lower Upper

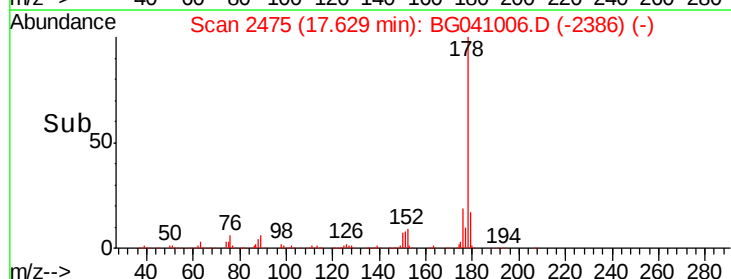
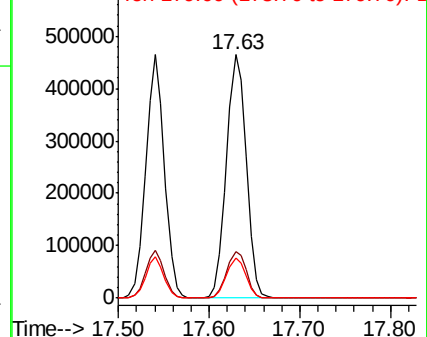
178 100

176 19.2 15.6 23.4

179 16.7 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 9.354 ng

RT: 17.90 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

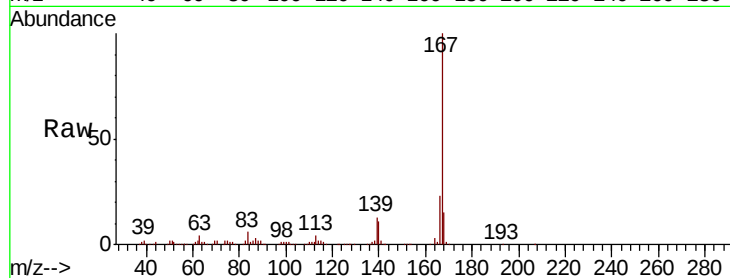
Tot Ion:167 Resp: 603388

Ion Ratio Lower Upper

167 100

166 22.9 18.2 27.4

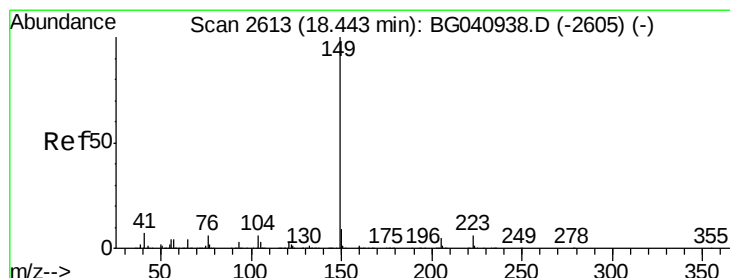
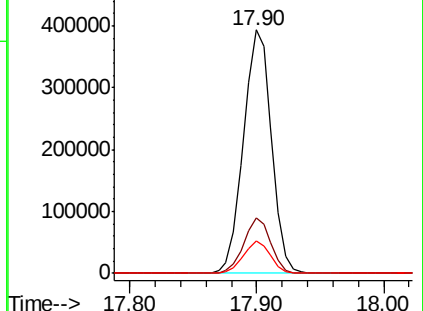
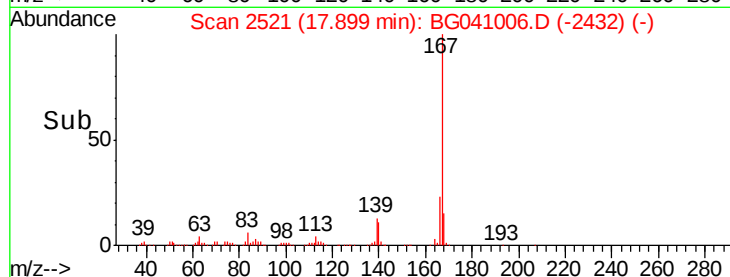
139 13.3 10.8 16.2



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: 8.972 ng

RT: 18.43 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

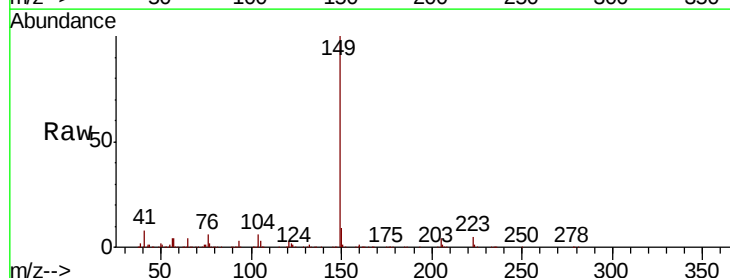
Tgt Ion:149 Resp: 719351

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

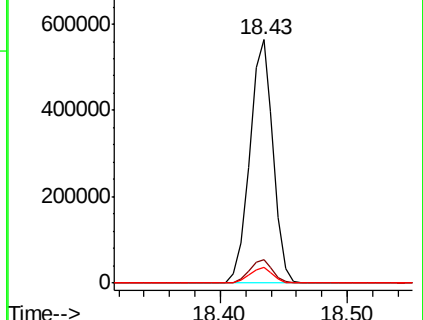
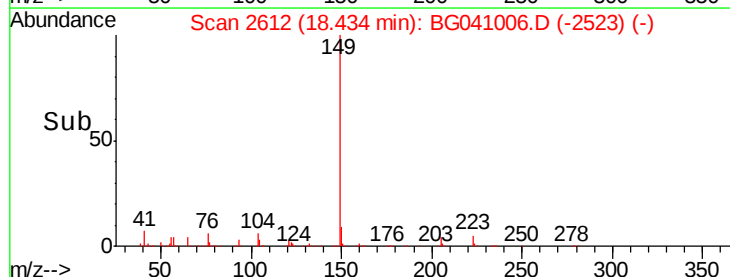
104 6.2 5.0 7.4

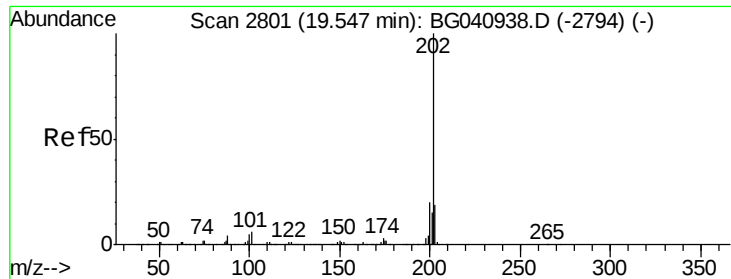


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 9.551 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

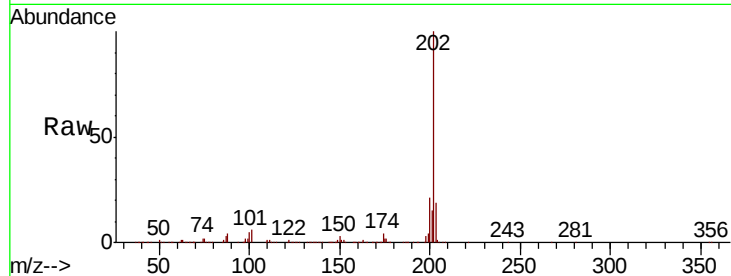
Tot Ion:202 Resp: 899205

Ion Ratio Lower Upper

202 100

101 6.2 0.0 26.2

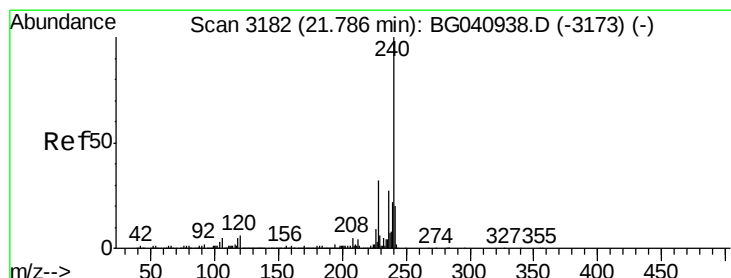
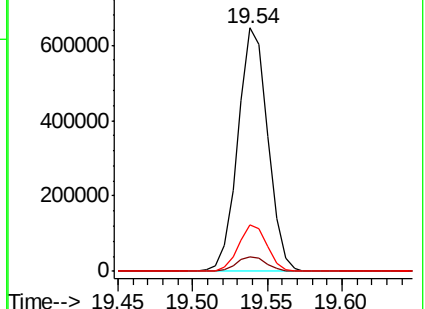
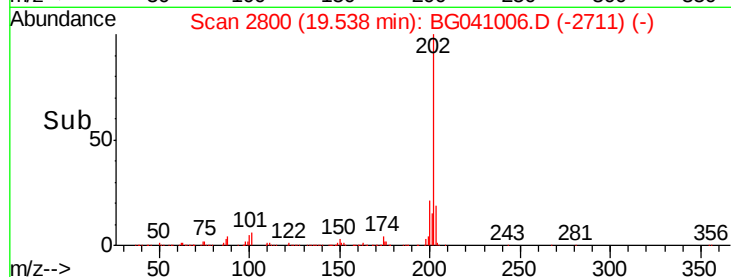
203 19.2 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.00 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

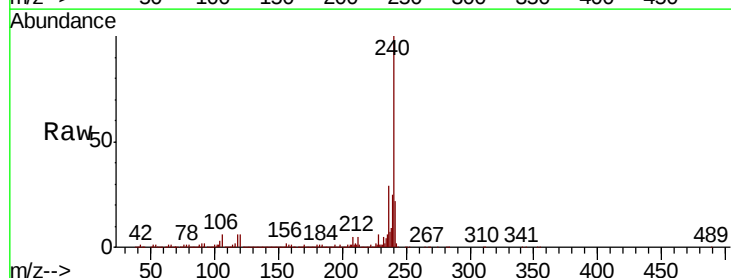
Tgt Ion:240 Resp: 1525980

Ion Ratio Lower Upper

240 100

120 5.9 4.5 6.7

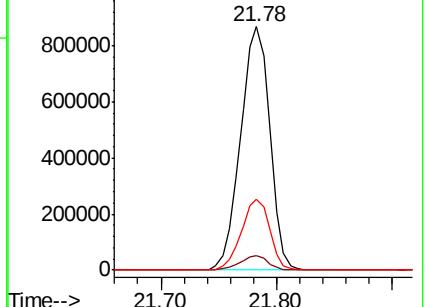
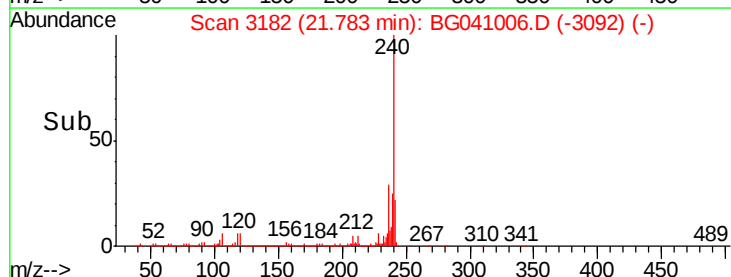
236 29.3 21.3 31.9



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: 8.180 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

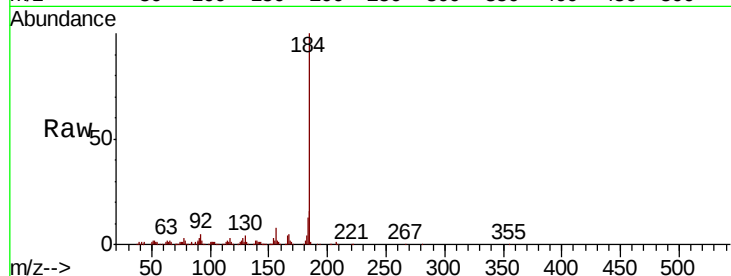
Tot Ion:184 Resp: 297768

Ion Ratio Lower Upper

184 100

185 16.3 13.3 19.9

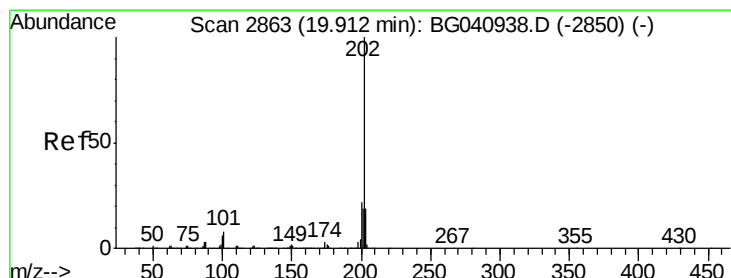
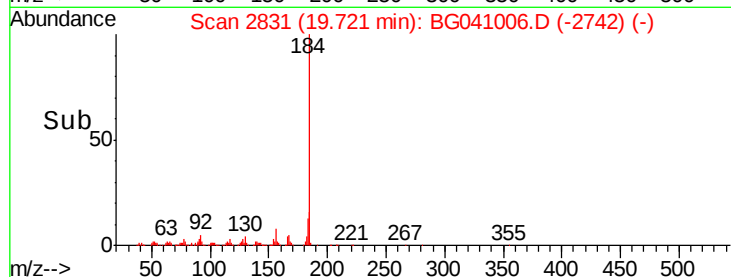
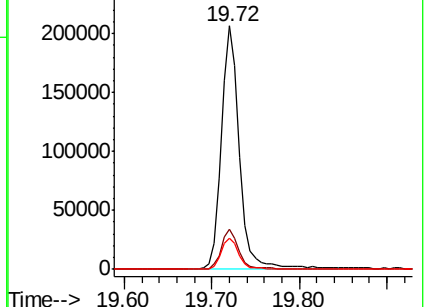
183 12.6 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 9.029 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

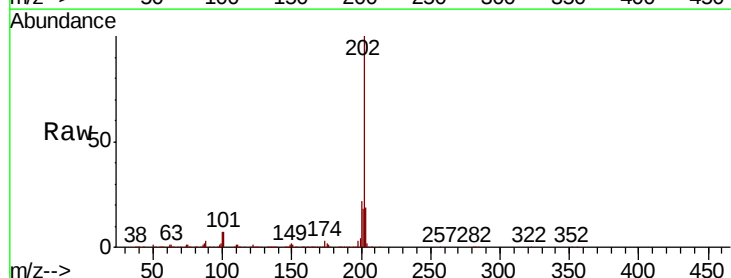
Tgt Ion:202 Resp: 895642

Ion Ratio Lower Upper

202 100

200 22.0 17.5 26.3

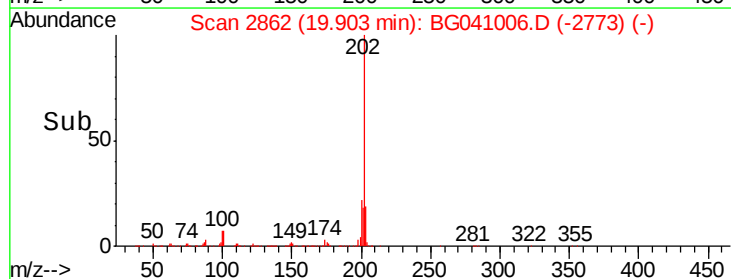
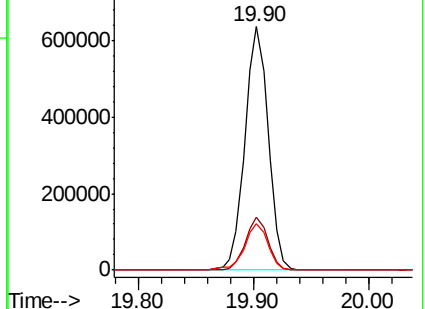
203 19.2 15.6 23.4



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: 55.108 ng

RT: 20.10 min Scan# 2896

Delta R.T. 0.00 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

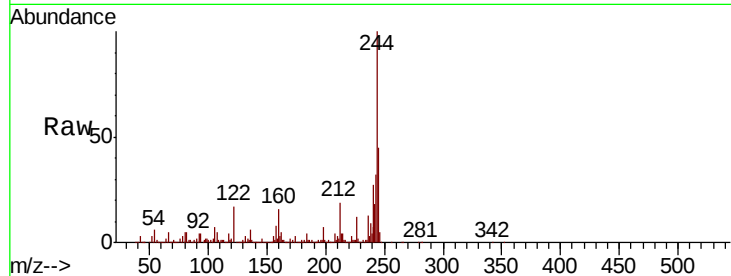
Tot Ion:244 Resp: 3962296

Ion Ratio Lower Upper

244 100

212 18.9 7.0 10.4#

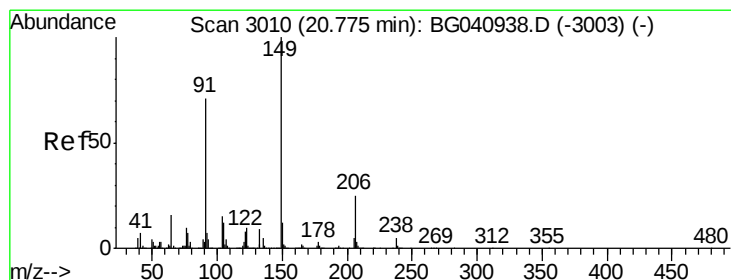
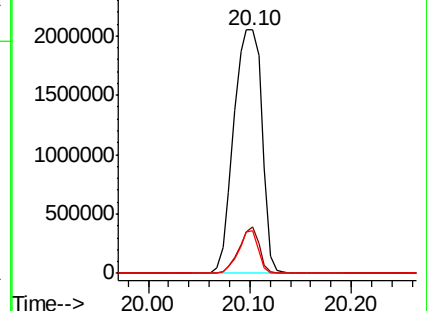
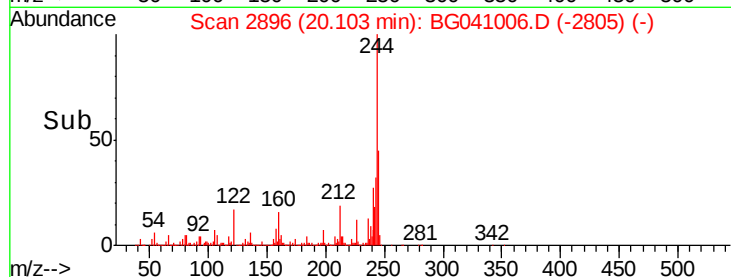
122 17.4 5.4 8.0#



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: 8.628 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

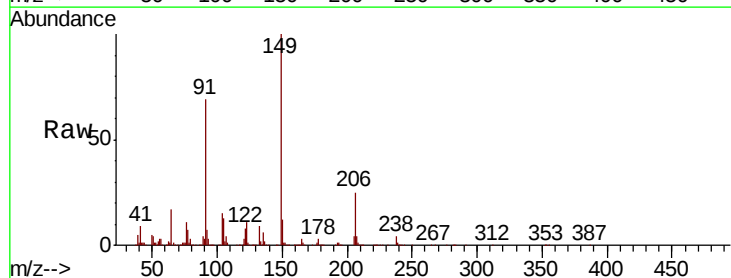
Tgt Ion:149 Resp: 333072

Ion Ratio Lower Upper

149 100

91 69.5 56.5 84.7

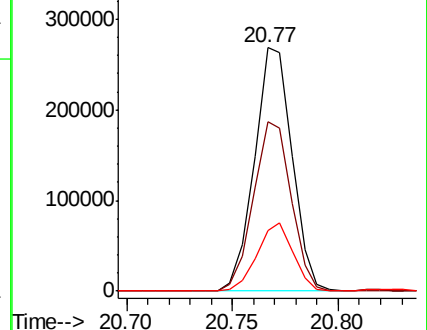
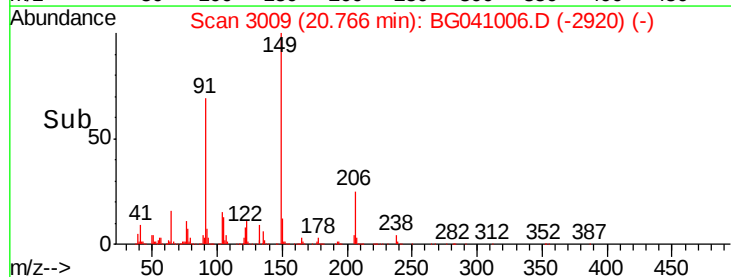
206 24.9 20.3 30.5

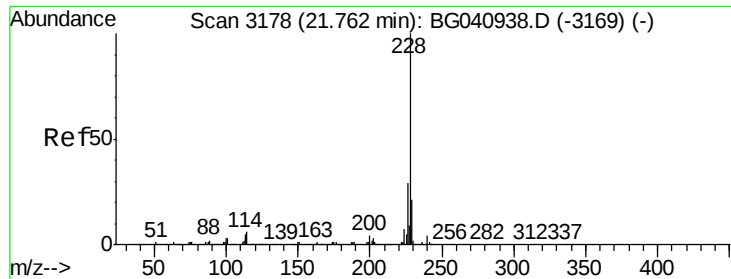


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 8.653 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

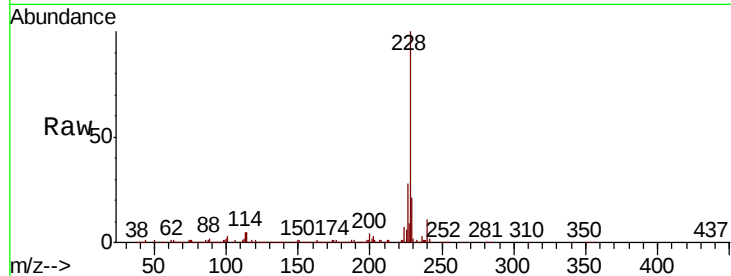
Tot Ion:228 Resp: 878913

Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.5	35.3
229	20.5	16.7	25.1

228 100

226 27.6 23.5 35.3

229 20.5 16.7 25.1

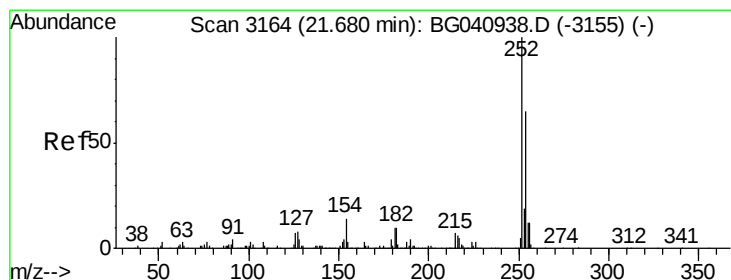
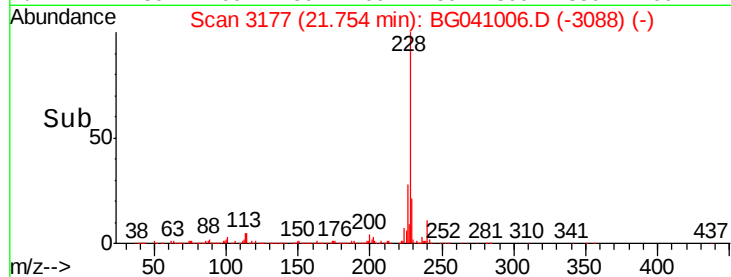
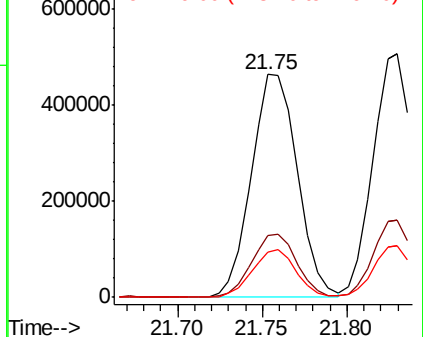


Abundance

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: 6.105 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

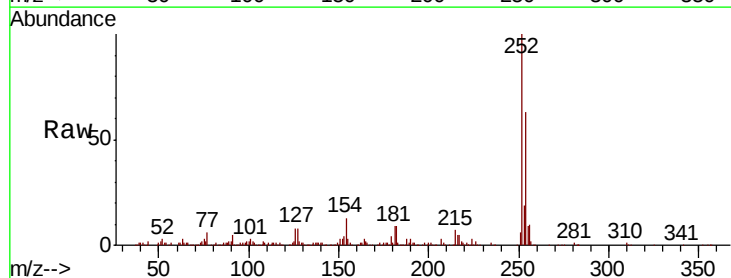
Tgt Ion:252 Resp: 218107

Ion	Ratio	Lower	Upper
252	100		
254	63.0	52.1	78.1
126	7.6	5.5	8.3

252 100

254 63.0 52.1 78.1

126 7.6 5.5 8.3

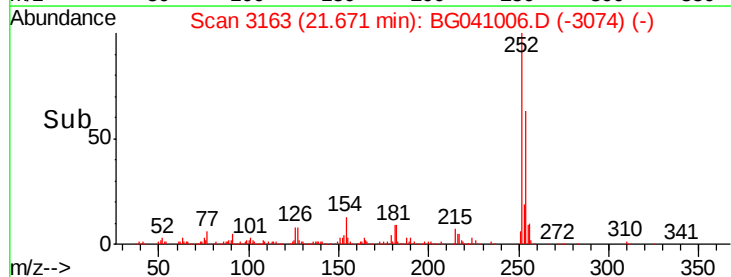
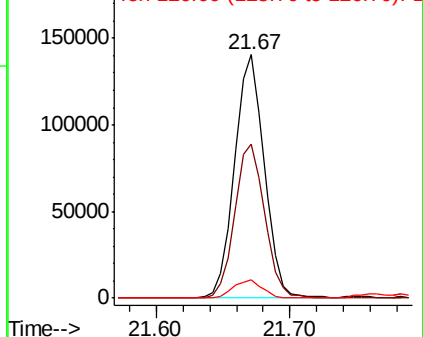


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 8.715 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

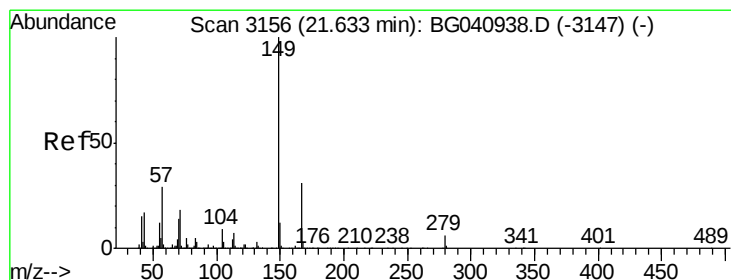
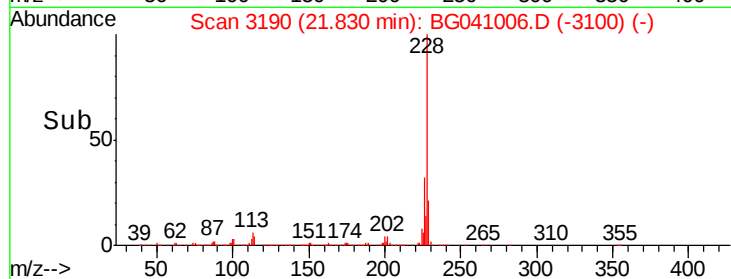
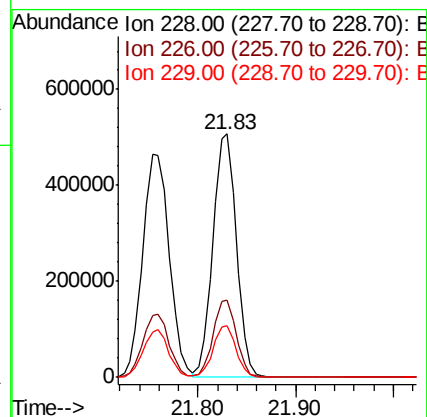
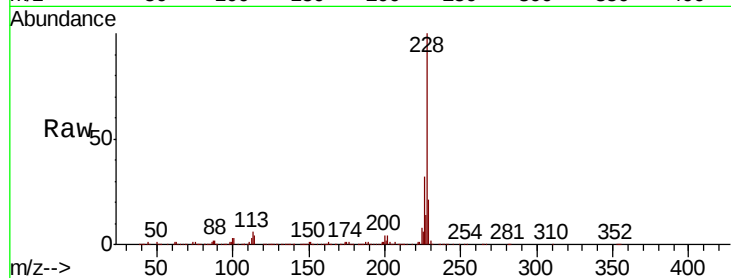
Tot Ion:228 Resp: 847125

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.6	37.0
229	21.2	16.6	24.8

228 100

226 31.5 24.6 37.0

229 21.2 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.460 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

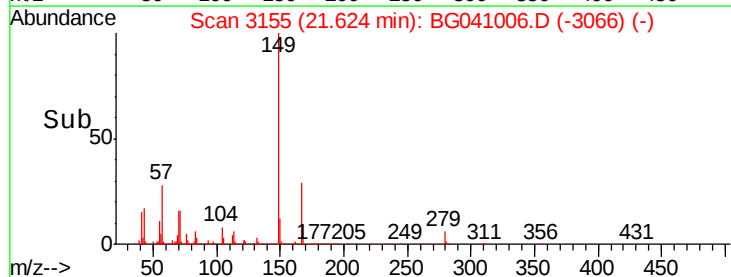
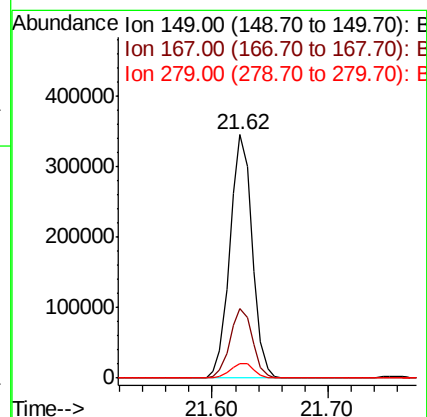
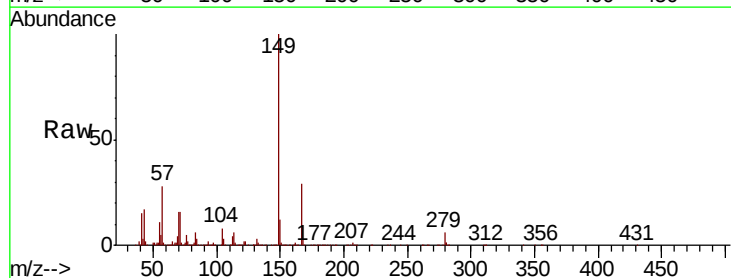
Tgt Ion:149 Resp: 459750

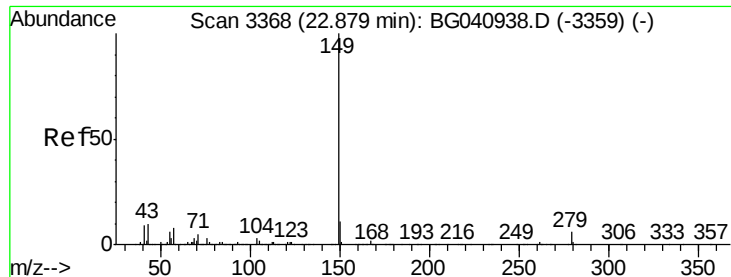
Ion	Ratio	Lower	Upper
149	100		
167	28.6	24.6	37.0
279	6.2	5.0	7.6

149 100

167 28.6 24.6 37.0

279 6.2 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 8.586 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

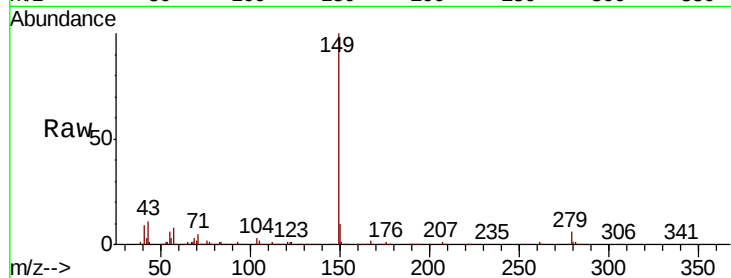
Tot Ion:149 Resp: 777079

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

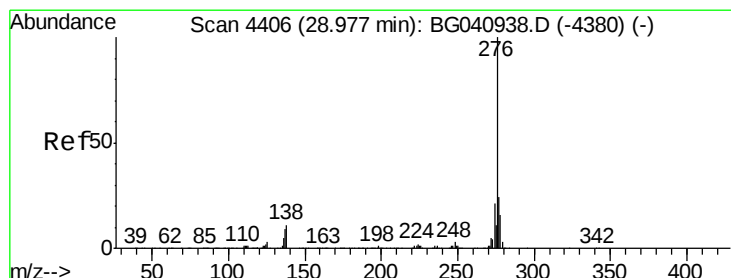
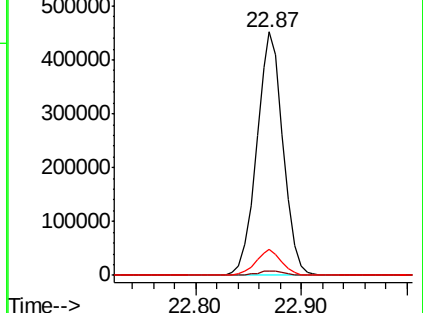
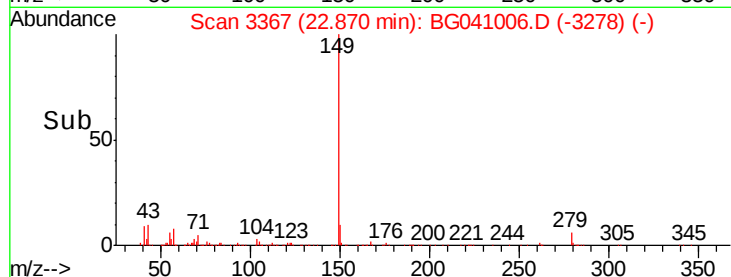
43 10.3 8.1 12.1



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: 8.563 ng

RT: 28.96 min Scan# 4403

Delta R.T. -0.02 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

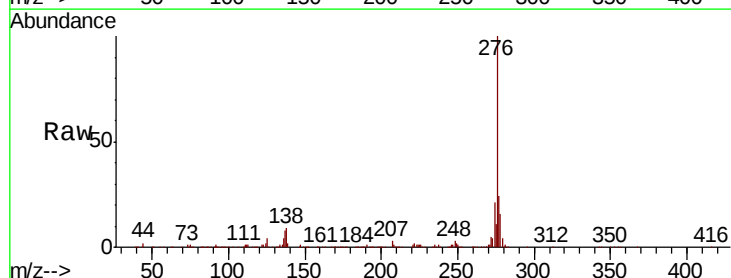
Tgt Ion:276 Resp: 1019653

Ion Ratio Lower Upper

276 100

138 7.3 5.7 8.5

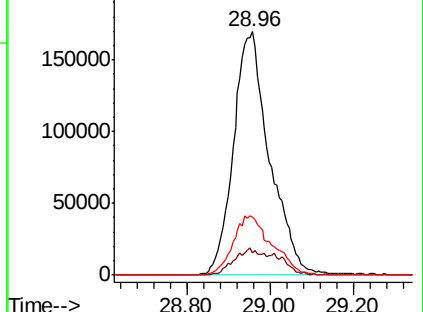
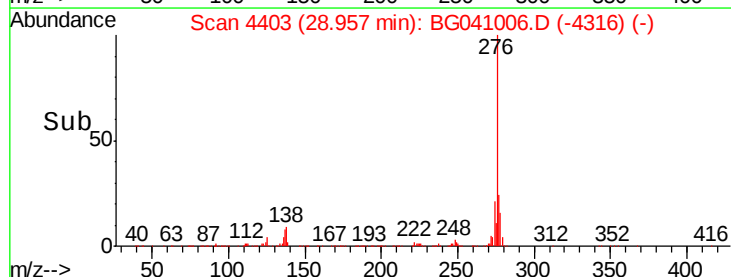
277 26.2 20.8 31.2

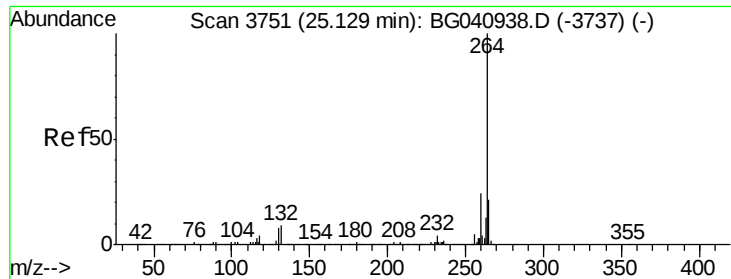


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.13 min Scan# 3751

Delta R.T. -0.00 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

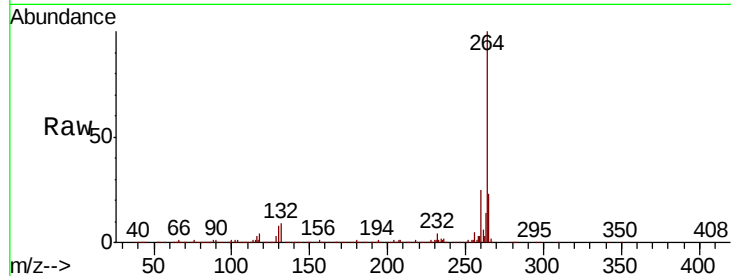
BNA_G

ClientSampleId :

PB120082BS

Tot Ion:264 Resp: 1763389

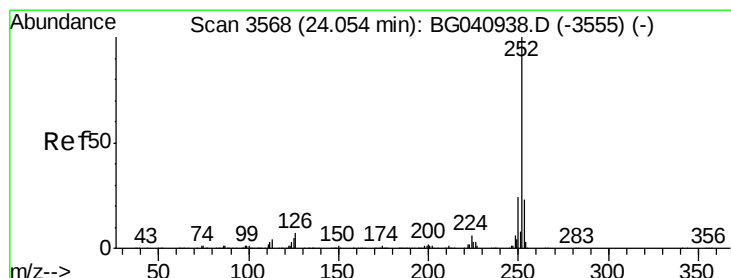
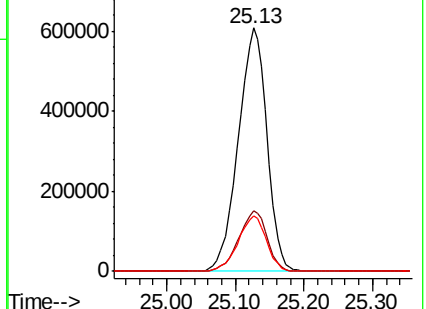
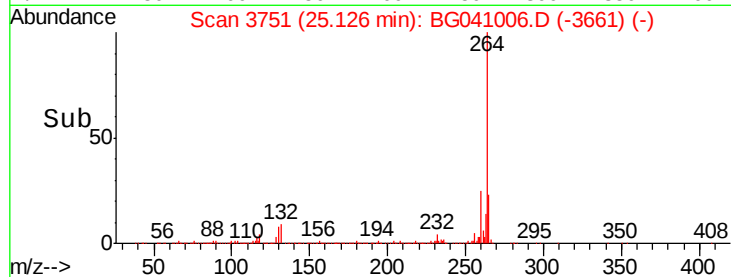
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.0	28.4
265	22.6	17.0	25.4



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: 8.243 ng

RT: 24.04 min Scan# 3567

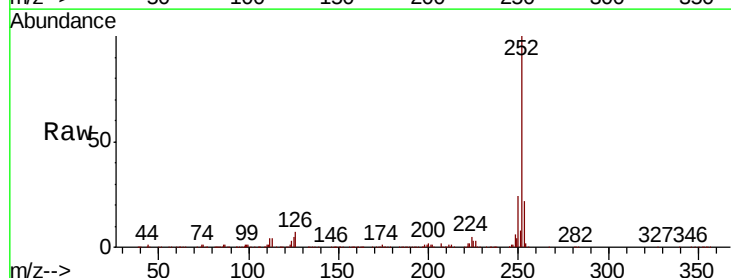
Delta R.T. -0.01 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Tgt Ion:252 Resp: 881600

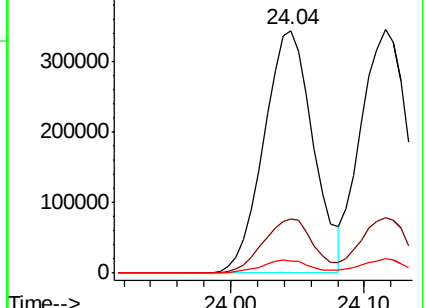
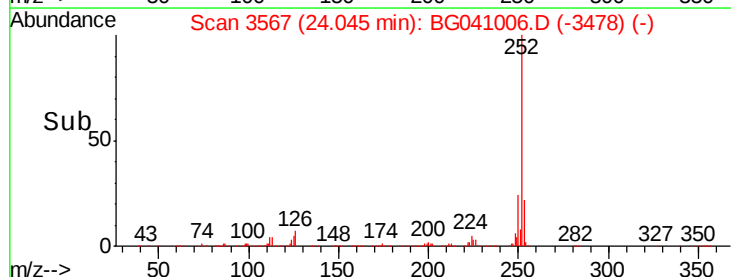
Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	5.0	4.3	6.5

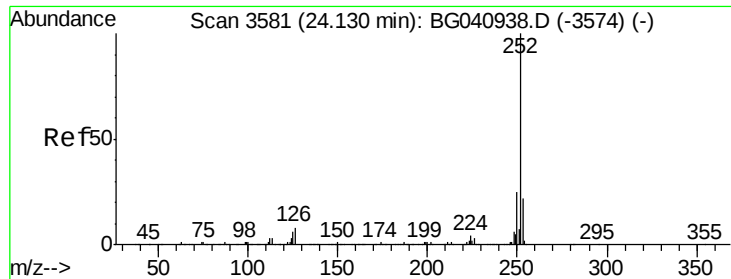


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

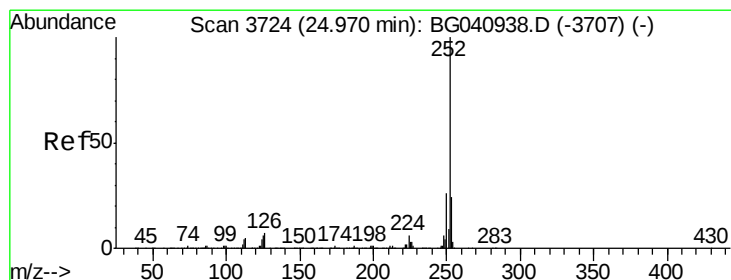
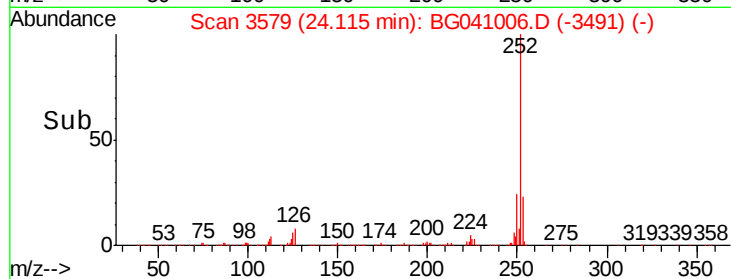
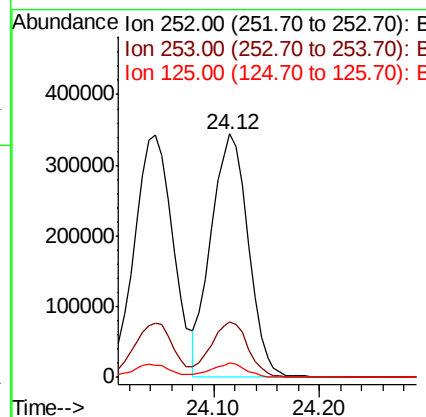
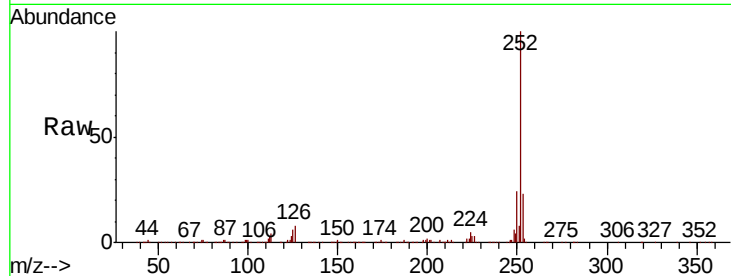




#89
Benzo(k)fluoranthene
Concen: 7.950 ng
RT: 24.12 min Scan# 3579
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

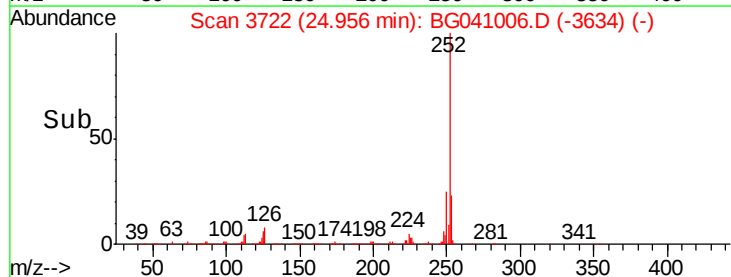
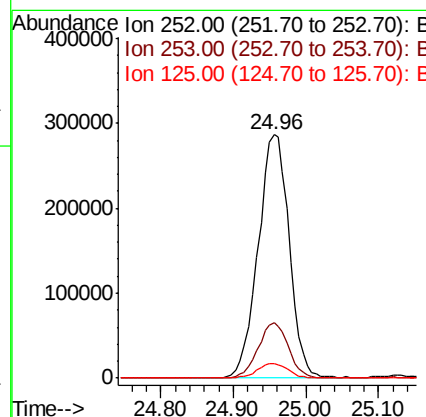
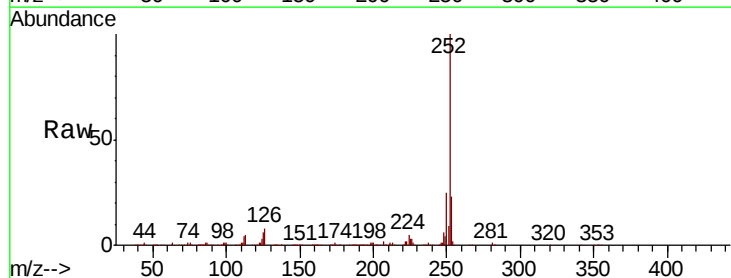
Instrument :
BNA_G
ClientSampleId :
PB120082BS

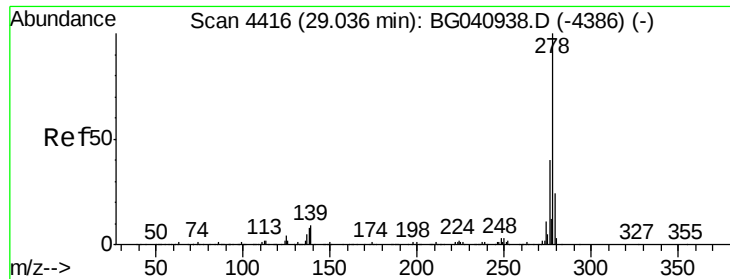
Tot Ion:252 Resp: 841457
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 5.8 4.7 7.1



#90
Benzo(a)pyrene
Concen: 8.371 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG041006.D
Acq: 1 Jun 2019 11:05

Tgt Ion:252 Resp: 854213
Ion Ratio Lower Upper
252 100
253 22.7 19.5 29.3
125 6.1 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 8.249 ng

RT: 29.02 min Scan# 4413

Delta R.T. -0.02 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

Instrument :

BNA_G

ClientSampleId :

PB120082BS

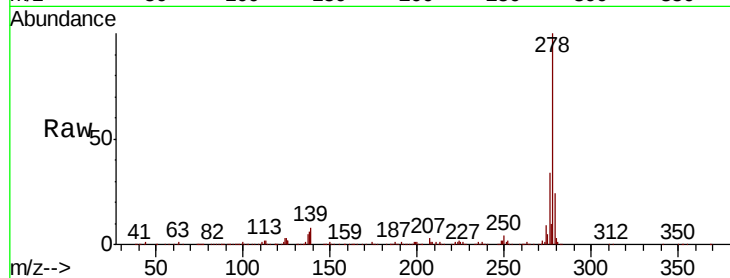
Tot Ion:278 Resp: 841052

Ion Ratio Lower Upper

278 100

139 8.0 7.1 10.7

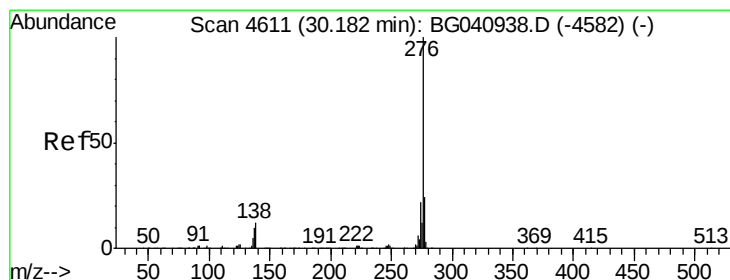
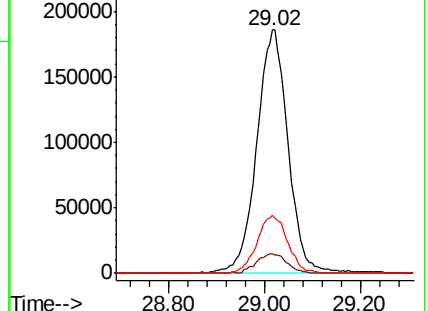
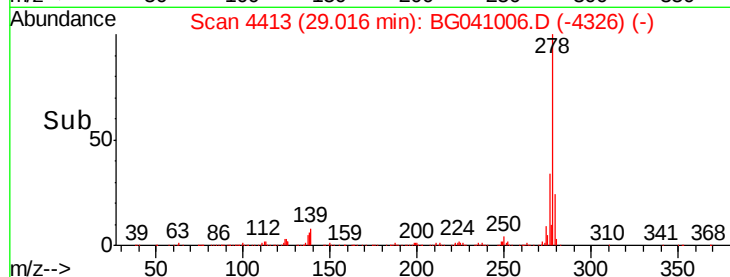
279 24.0 19.4 29.2



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: 8.506 ng

RT: 30.15 min Scan# 4606

Delta R.T. -0.03 min

Lab File: BG041006.D

Acq: 1 Jun 2019 11:05

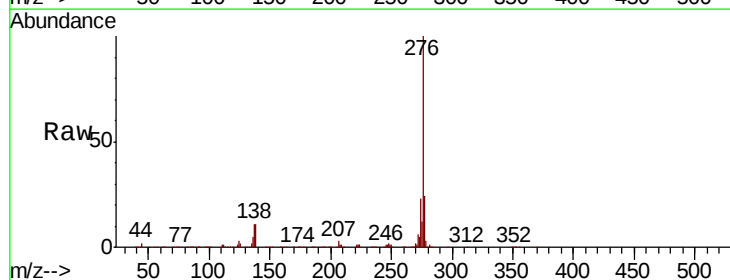
Tgt Ion:276 Resp: 842606

Ion Ratio Lower Upper

276 100

277 24.5 19.4 29.0

138 11.3 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

