

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038926.D
 Acq On : 4 Jan 2019 11:39
 Operator : JU/SJ
 Sample : PB116135BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

Quant Time: Jan 04 12:33:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	21475	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	90729	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	67370	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	180902	20.00	ng	0.00
76) Chrysene-d12	21.71	240	181754	20.00	ng	-0.01
87) Perylene-d12	25.01	264	194173	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	141115	116.55	ng	0.00
7) Phenol-d6	7.21	99	194943	117.28	ng	0.00
23) Nitrobenzene-d5	9.23	82	112625	63.42	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	120547	129.83	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	324508	66.08	ng	-0.01
79) Terphenyl-d14	20.04	244	655015	78.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	12955	22.990	ng	# 86
3) Pyridine	3.88	79	38040	24.519	ng	96
4) n-Nitrosodimethylamine	3.80	42	23113	30.404	ng	# 94
6) Aniline	7.37	93	28875	13.608	ng	96
8) 2-Chlorophenol	7.61	128	51136	36.496	ng	93
9) Benzaldehyde	7.19	77	19199	17.805	ng	87
10) Phenol	7.24	94	62789	35.557	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	40724	28.966	ng	91
12) 1,3-Dichlorobenzene	7.93	146	51657	31.181	ng	97
13) 1,4-Dichlorobenzene	8.08	146	52596	30.998	ng	97
14) 1,2-Dichlorobenzene	8.40	146	50675	31.680	ng	96
15) Benzyl Alcohol	8.29	79	43948	33.874	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	82792	25.707	ng	98
17) 2-Methylphenol	8.49	107	43414	36.695	ng	96
18) Hexachloroethane	9.13	117	17406	28.074	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	34621	29.656	ng	92
20) 3+4-Methylphenols	8.82	107	60197	36.842	ng	99
22) Acetophenone	8.87	105	71082	31.366	ng	93
24) Nitrobenzene	9.27	77	53465	29.759	ng	94
25) Isophorone	9.78	82	101339	31.759	ng	# 98
26) 2-Nitrophenol	9.98	139	29127	31.675	ng	93
27) 2,4-Dimethylphenol	10.03	122	50427	38.264	ng	100
28) bis(2-Chloroethoxy)methane	10.26	93	58829	32.670	ng	97
29) 2,4-Dichlorophenol	10.51	162	59149	40.344	ng	100
30) 1,2,4-Trichlorobenzene	10.72	180	57886	32.687	ng	93
31) Naphthalene	10.91	128	156479	35.004	ng	98
32) Benzoic acid	10.15	122	13727	23.090	ng	# 81
33) 4-Chloroaniline	11.04	127	25933	13.362	ng	# 94
34) Hexachlorobutadiene	11.17	225	39133	32.658	ng	97
35) Caprolactam	11.82	113	20071	33.080	ng	93
36) 4-Chloro-3-methylphenol	12.15	107	62270	37.219	ng	94
37) 2-Methylnaphthalene	12.52	142	120454	37.770	ng	95
38) 1-Methylnaphthalene	12.74	142	116282	37.575	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	75106	29.825	ng	98

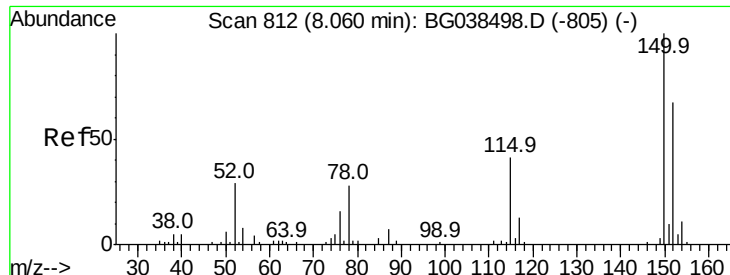
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038926.D
 Acq On : 4 Jan 2019 11:39
 Operator : JU/SJ
 Sample : PB116135BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

Quant Time: Jan 04 12:33:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	87829	63.482	nq	91
43) 2,4,6-Trichlorophenol	13.12	196	54814	35.401	nq	98
44) 2,4,5-Trichlorophenol	13.20	196	60935	37.169	nq	97
46) 1,1'-Biphenyl	13.52	154	166620	29.502	nq	98
47) 2-Chloronaphthalene	13.57	162	133751	30.658	nq	98
48) 2-Nitroaniline	13.78	65	42656	30.697	nq	87
49) Acenaphthylene	14.41	152	225114	34.517	nq	100
50) Dimethylphthalate	14.13	163	186688	33.933	nq	99
51) 2,6-Dinitrotoluene	14.27	165	41883	33.593	nq	95
52) Acenaphthene	14.75	154	128569	32.967	nq	97
53) 3-Nitroaniline	14.61	138	20183	15.880	nq	# 93
54) 2,4-Dinitrophenol	14.81	184	24840	36.497	nq	94
55) Dibenzofuran	15.09	168	227026	33.960	nq	96
56) 4-Nitrophenol	14.91	139	58222	60.386	nq	97
57) 2,4-Dinitrotoluene	15.06	165	62547	35.619	nq	89
58) Fluorene	15.73	166	183649	37.080	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	59627	40.427	nq	95
60) Diethylphthalate	15.49	149	195863	32.430	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	103522	33.500	nq	95
62) 4-Nitroaniline	15.77	138	43802	33.476	nq	98
63) Azobenzene	16.01	77	156781	31.074	nq	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	32080	24.859	nq	85
66) n-Nitrosodiphenylamine	15.94	169	170679	32.111	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	71350	32.295	nq	95
68) Hexachlorobenzene	16.73	284	76255	33.296	nq	95
69) Atrazine	16.88	200	72149	36.576	nq	94
70) Pentachlorophenol	17.08	266	77093	56.910	nq	97
71) Phenanthrene	17.48	178	328867	35.057	nq	99
72) Anthracene	17.57	178	334185	36.085	nq	100
73) Carbazole	17.85	167	287528	31.393	nq	99
74) Di-n-butylphthalate	18.38	149	336660	32.034	nq	98
75) Fluoranthene	19.49	202	406537	35.026	nq	96
77) Benzidine	19.67	184	101987	18.974	nq	100
78) Pyrene	19.85	202	405249	33.751	nq	99
80) Butylbenzylphthalate	20.71	149	150996	32.188	nq	100
81) Benzo(a)anthracene	21.70	228	388523	35.081	nq	99
82) 3,3'-Dichlorobenzidine	21.61	252	74074	16.864	nq	99
83) Chrysene	21.77	228	361222	33.862	nq	100
84) Bis(2-ethylhexyl)phthalate	21.56	149	210454	31.632	nq	99
85) Di-n-octyl phthalate	22.78	149	357209	32.058	nq	# 96
86) Indeno(1,2,3-cd)pyrene	28.79	276	437757	34.905	nq	# 94
88) Benzo(b)fluoranthene	23.95	252	382752	35.902	nq	99
89) Benzo(k)fluoranthene	24.02	252	378134	35.619	nq	97
90) Benzo(a)pyrene	24.85	252	374319	36.395	nq	98
91) Dibenzo(a,h)anthracene	28.85	278	361593	35.310	nq	98
92) Benzo(g,h,i)perylene	29.98	276	366248	36.291	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

PB116135BS

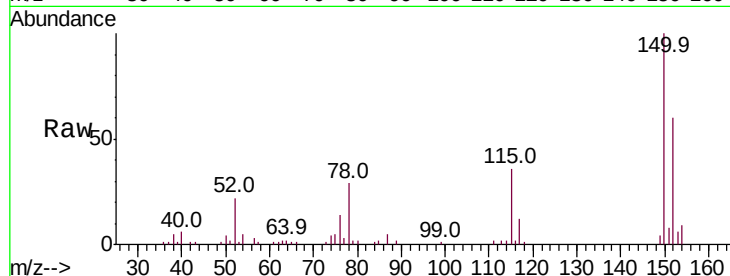
Tot Ion:152 Resp: 21475

Ion Ratio Lower Upper

152 100

150 165.9 119.5 179.3

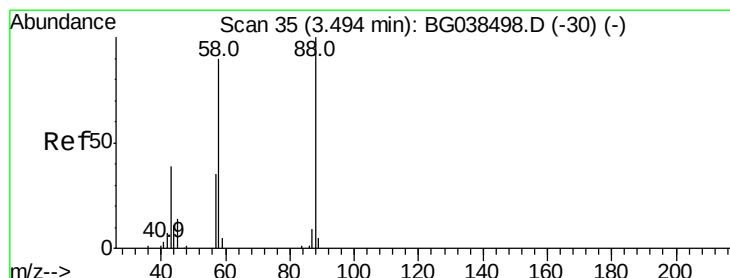
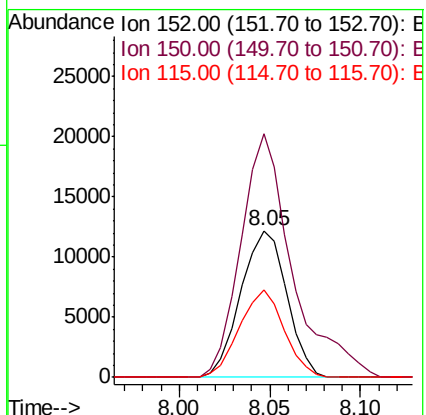
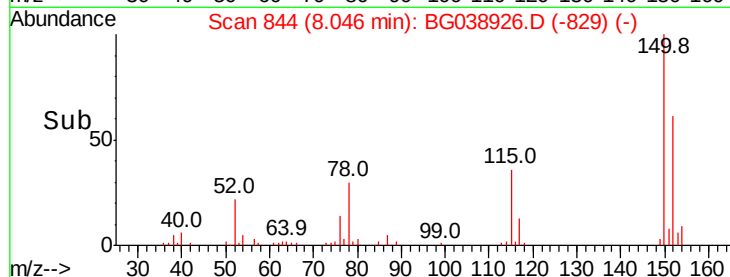
115 59.4 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 22.990 ng

RT: 3.48 min Scan# 66

Delta R.T. -0.02 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

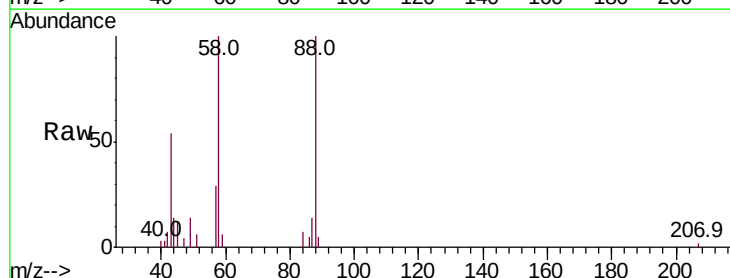
Tgt Ion: 88 Resp: 12955

Ion Ratio Lower Upper

88 100

58 108.3 75.7 113.5

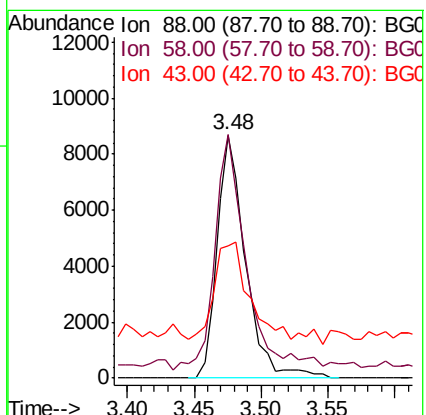
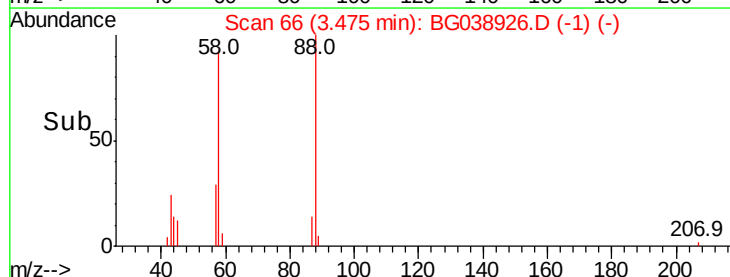
43 48.2 31.6 47.4#

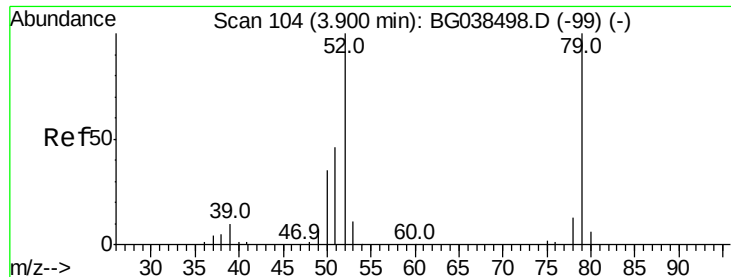


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 24.519 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.02 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

PB116135BS

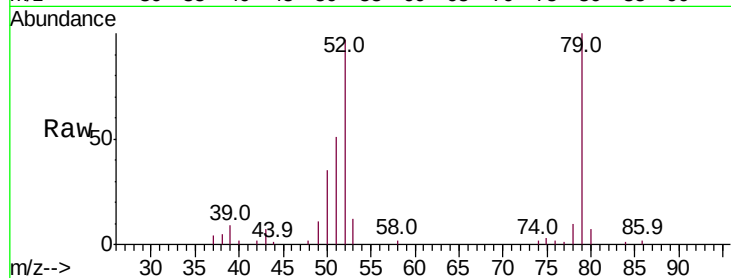
Tot Ion: 79 Resp: 38040

Ion Ratio Lower Upper

79 100

52 97.2 80.2 120.2

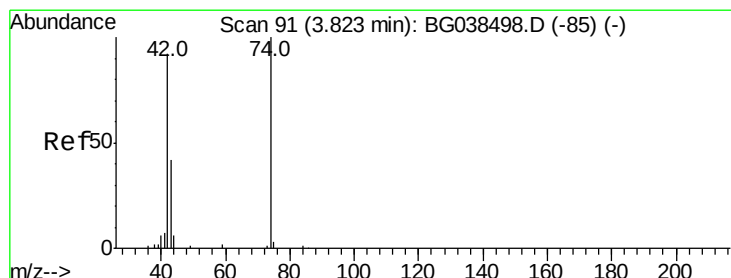
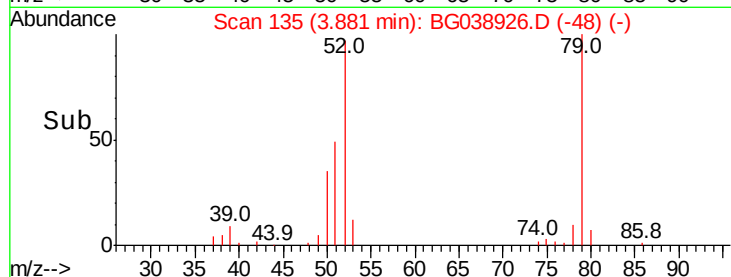
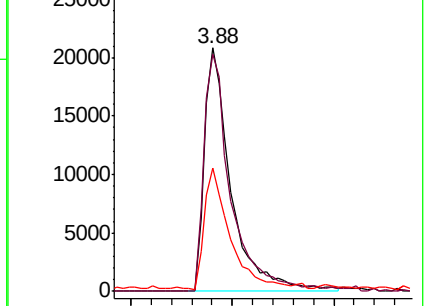
51 50.6 38.0 57.0



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: 30.404 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.02 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

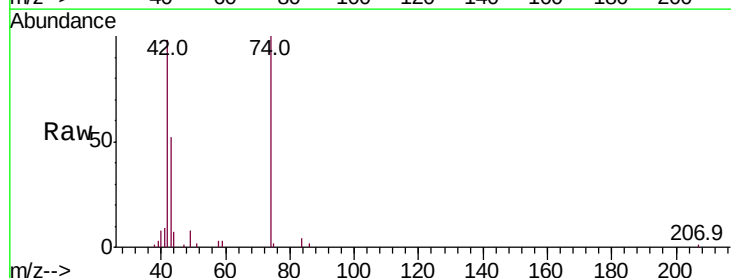
Tgt Ion: 42 Resp: 23113

Ion Ratio Lower Upper

42 100

74 102.5 86.7 130.1

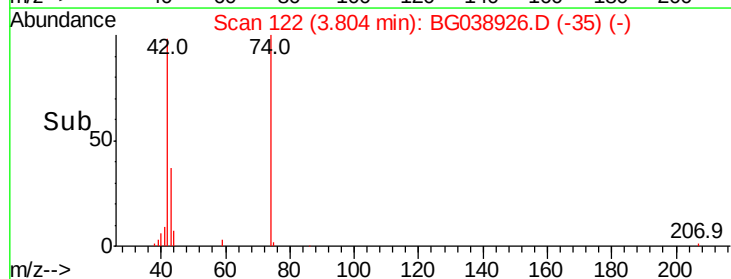
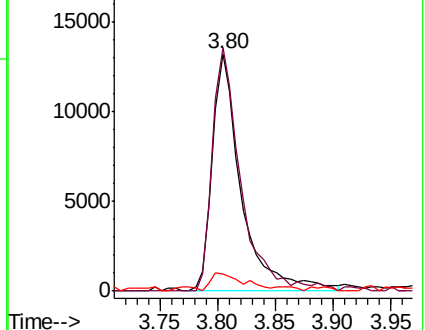
44 7.4 7.8 11.8#

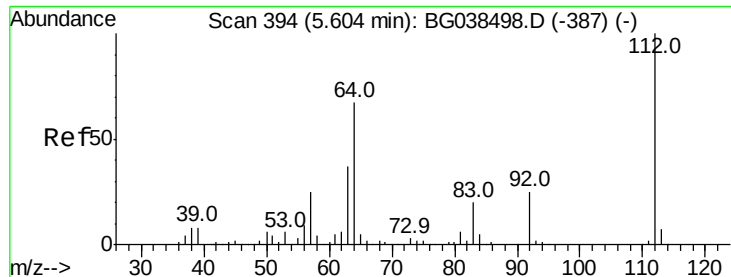


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 116.549 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

PB116135BS

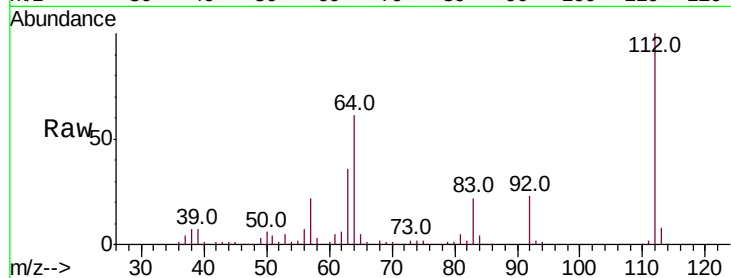
Tot Ion:112 Resp: 141115

Ion Ratio Lower Upper

112 100

64 61.0 53.4 80.2

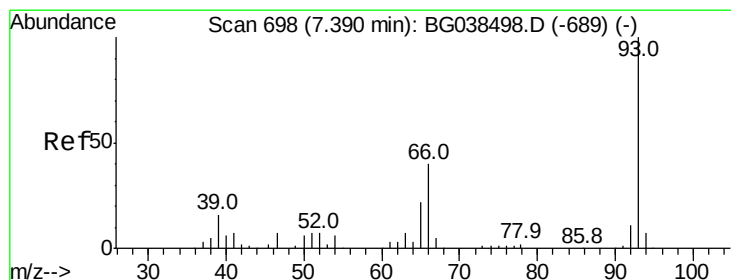
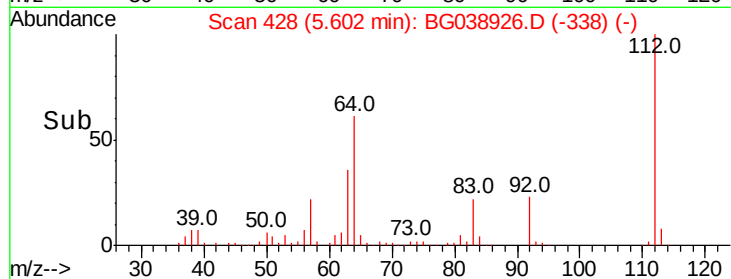
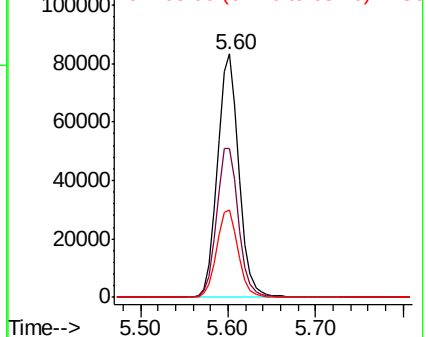
63 35.8 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 13.608 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

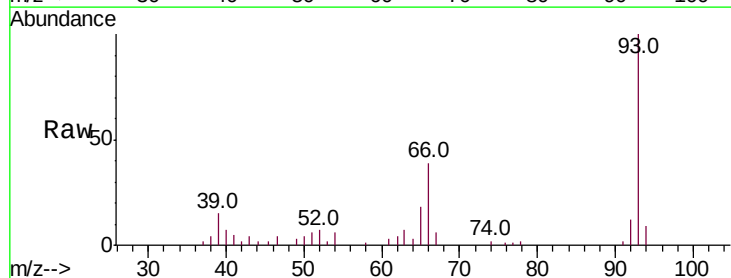
Tgt Ion: 93 Resp: 28875

Ion Ratio Lower Upper

93 100

66 38.5 31.7 47.5

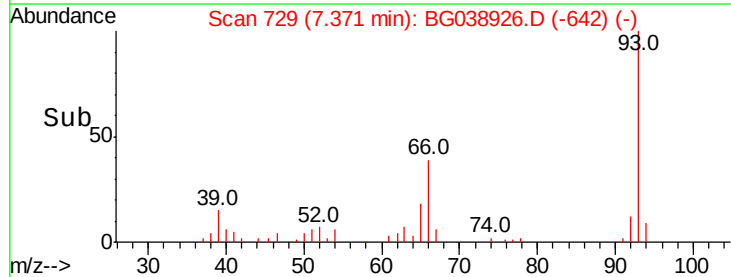
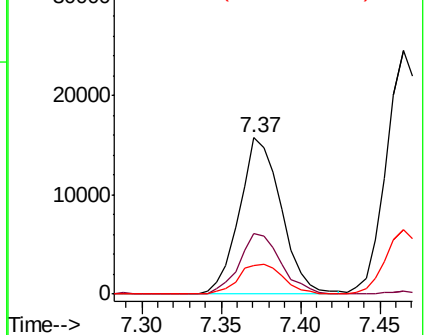
65 18.4 17.8 26.6

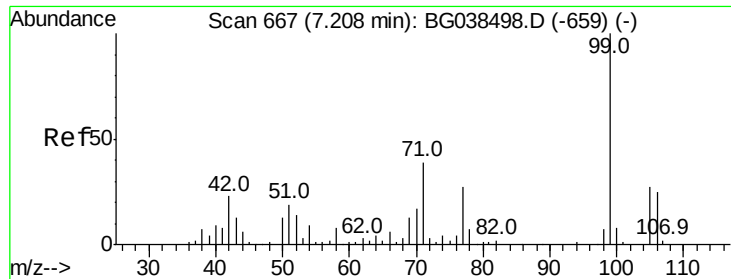


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.283 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampled :

PB116135BS

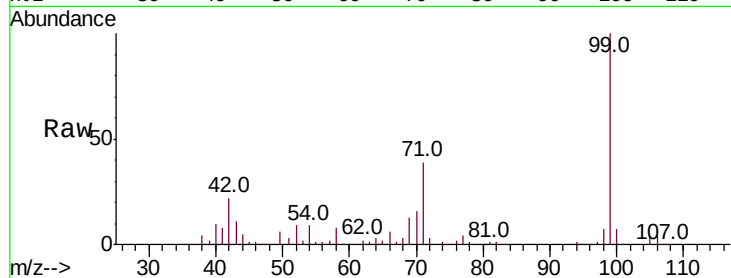
Tot Ion: 99 Resp: 194943

Ion Ratio Lower Upper

99 100

42 22.1 18.5 27.7

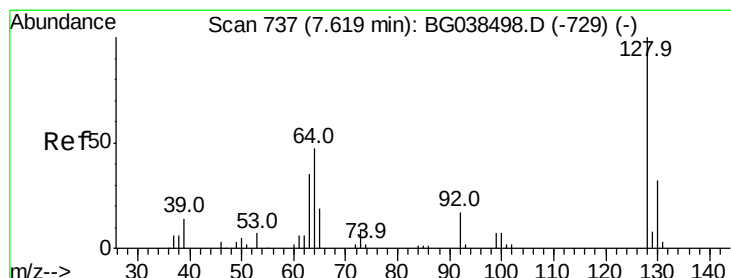
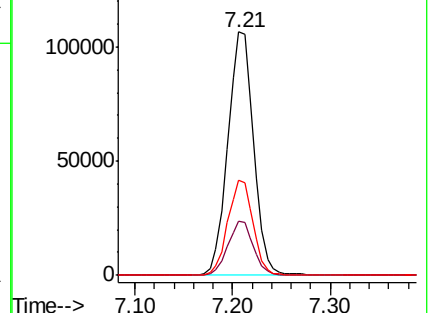
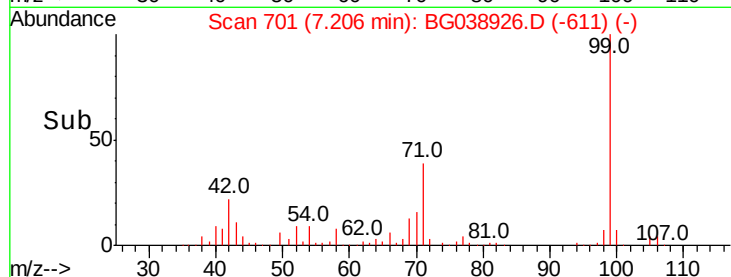
71 38.9 31.1 46.7



Abundance Ion 99.00 (98.70 to 99.70): BG038926.D (-611) (-)

Ion 42.00 (41.70 to 42.70): BG038926.D (-611) (-)

Ion 71.00 (70.70 to 71.70): BG038926.D (-611) (-)



#8

2-Chlorophenol

Concen: 36.496 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

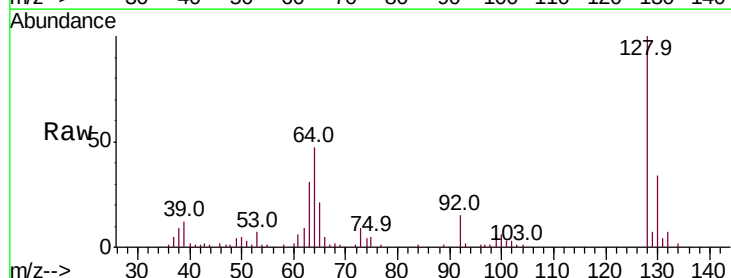
Tgt Ion: 128 Resp: 51136

Ion Ratio Lower Upper

128 100

130 34.0 11.8 51.8

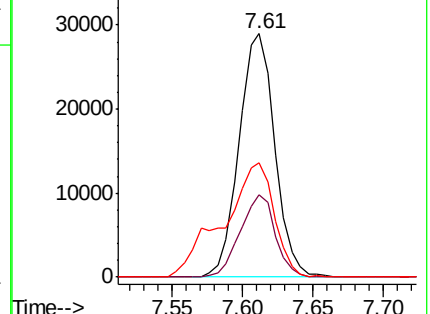
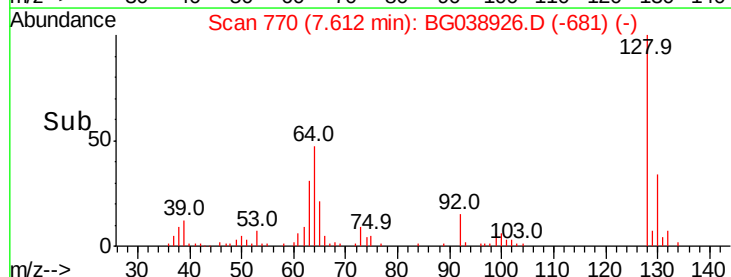
64 47.2 33.2 73.2

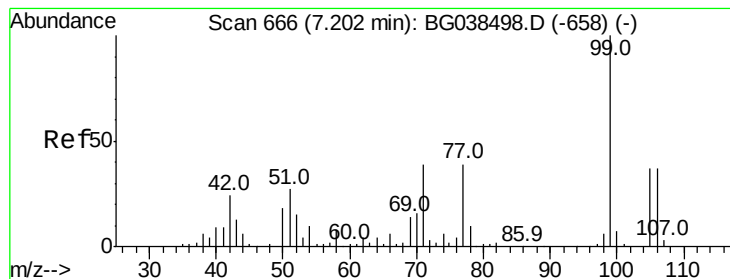


Abundance Ion 128.00 (127.70 to 128.70): BG038926.D (-681) (-)

Ion 130.00 (129.70 to 130.70): BG038926.D (-681) (-)

Ion 64.00 (63.70 to 64.70): BG038926.D (-681) (-)





#9

Benzaldehyde

Concen: 17.805 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

PB116135BS

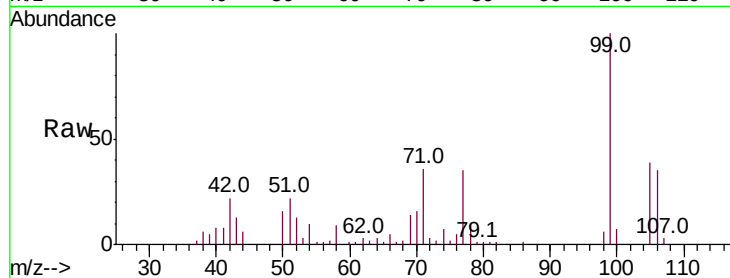
Tot Ion: 77 Resp: 19199

Ion Ratio Lower Upper

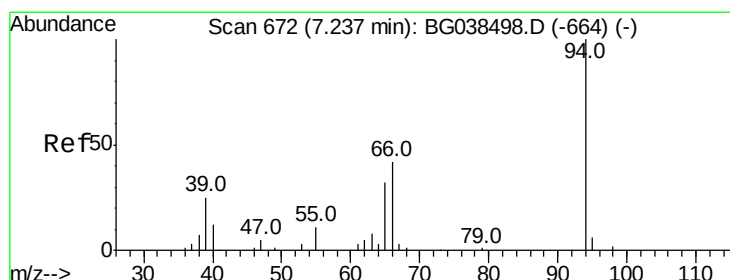
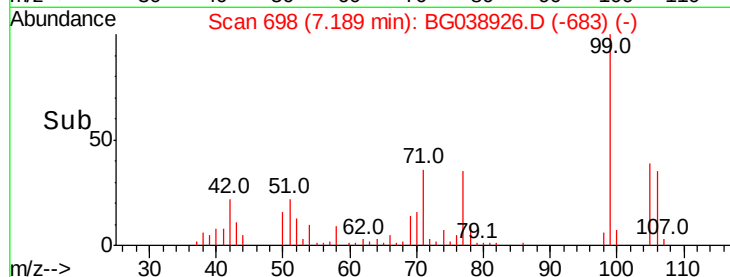
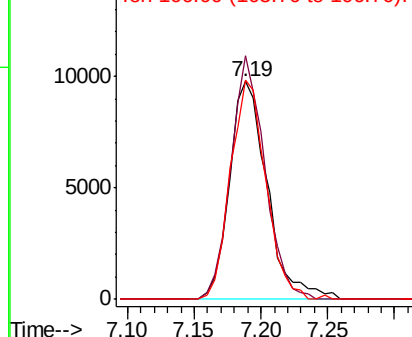
77 100

105 111.9 74.0 114.0

106 100.7 73.9 113.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 35.557 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

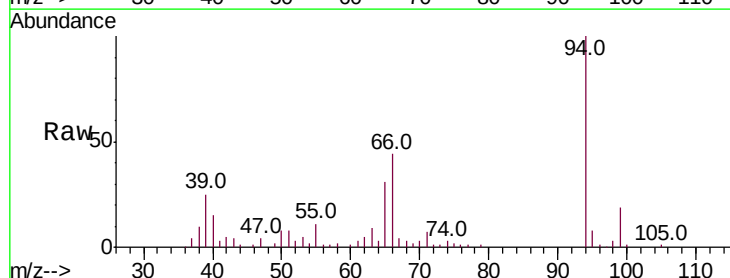
Tgt Ion: 94 Resp: 62789

Ion Ratio Lower Upper

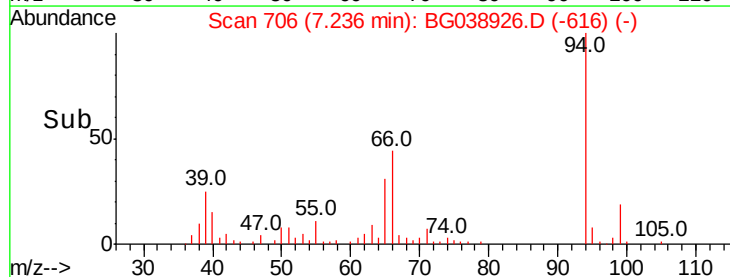
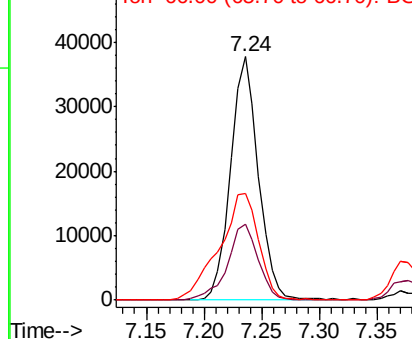
94 100

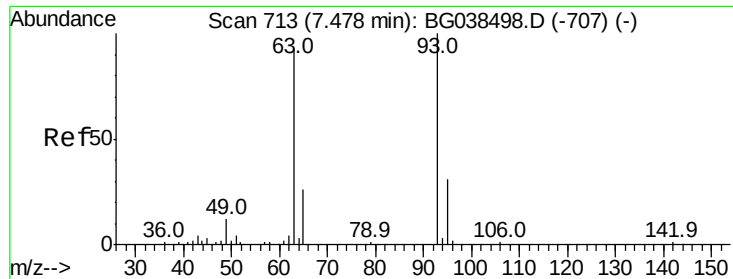
65 31.1 12.6 52.6

66 43.9 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 28.966 ng

RT: 7.46 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

PB116135BS

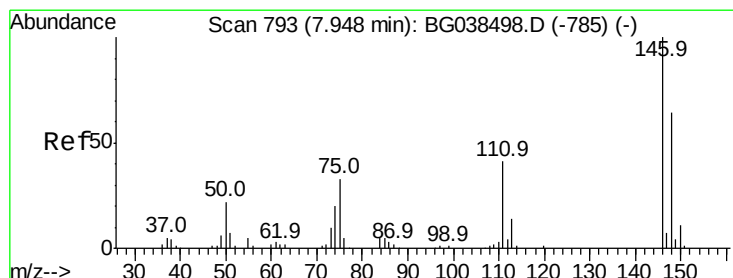
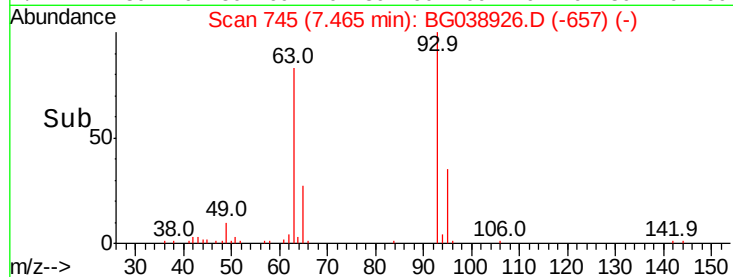
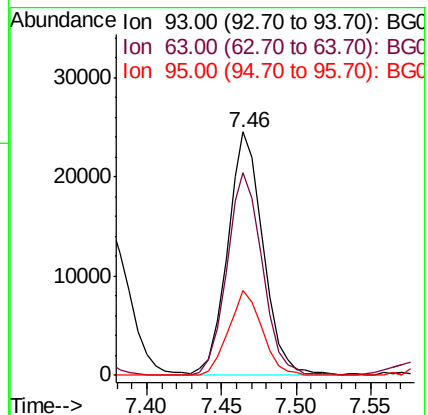
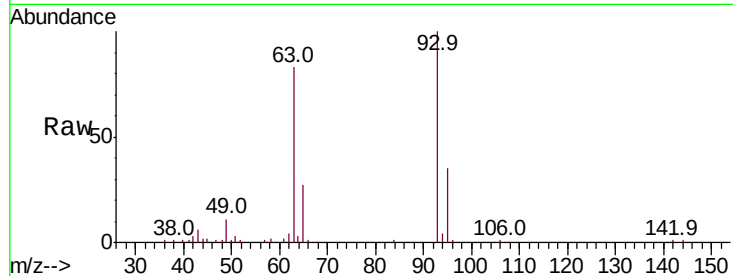
Tot Ion: 93 Resp: 40724

Ion Ratio Lower Upper

93 100

63 83.2 72.2 112.2

95 35.0 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 31.181 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

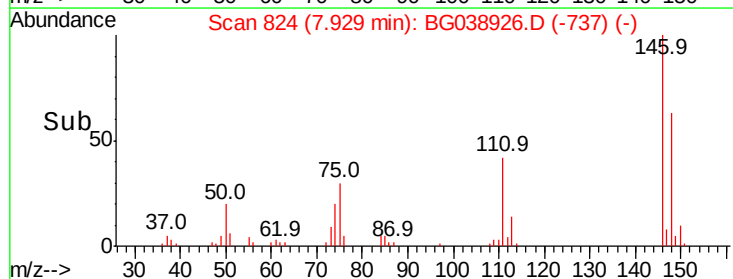
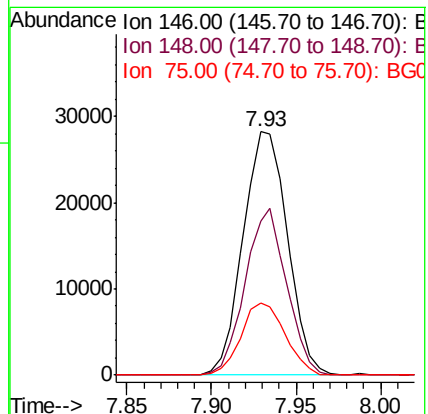
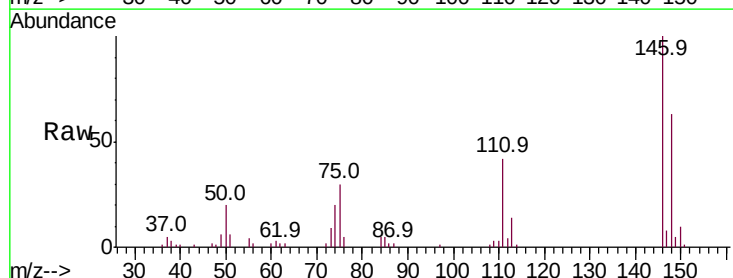
Tgt Ion: 146 Resp: 51657

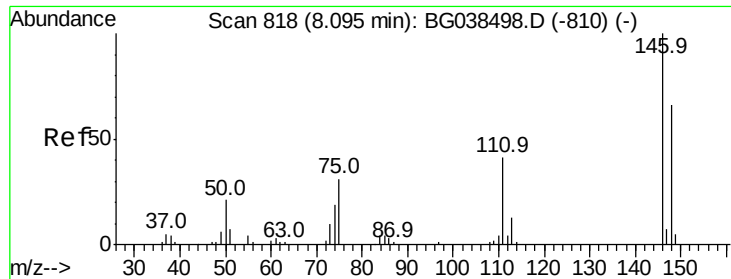
Ion Ratio Lower Upper

146 100

148 63.0 51.4 77.0

75 29.5 26.1 39.1

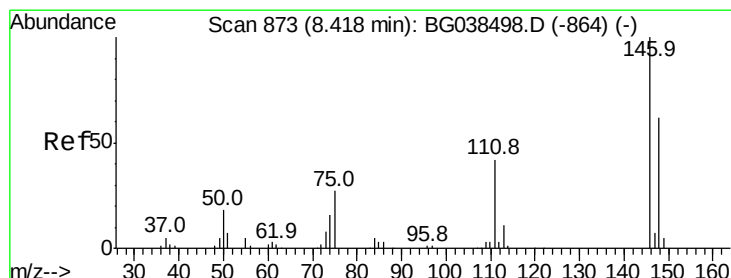
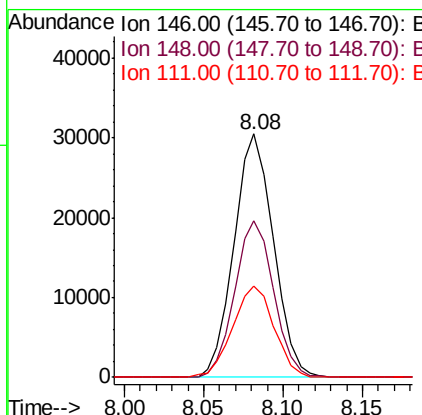
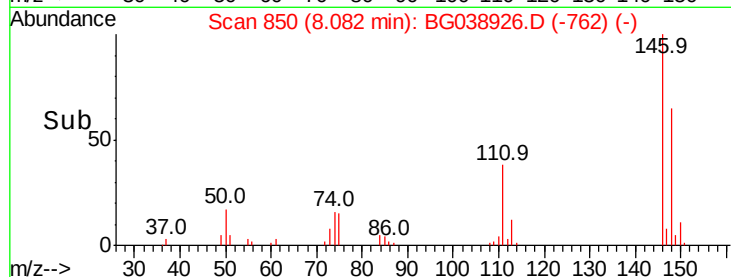
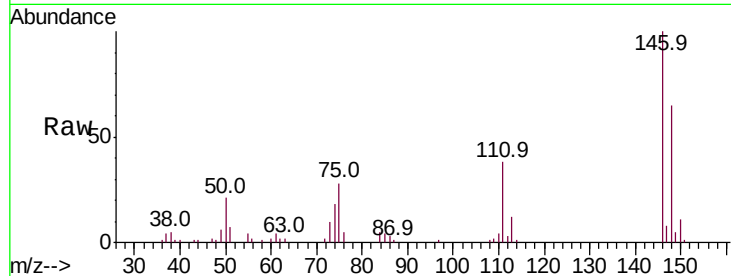




#13
 1,4-Dichlorobenzene
 Concen: 30.998 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

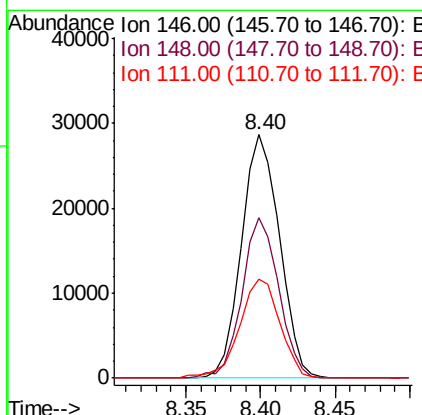
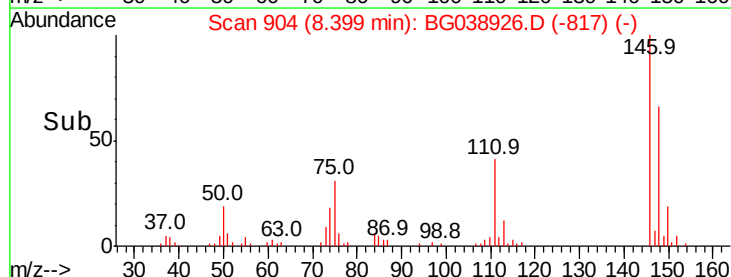
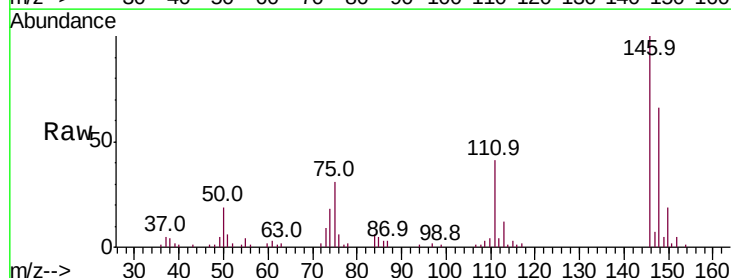
Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

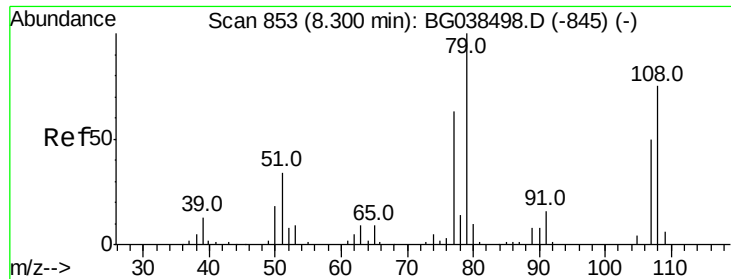
Tot Ion:146 Resp: 52596
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.4 78.6
 111 37.7 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 31.680 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

Tgt Ion:146 Resp: 50675
 Ion Ratio Lower Upper
 146 100
 148 65.7 49.4 74.0
 111 40.6 33.8 50.6

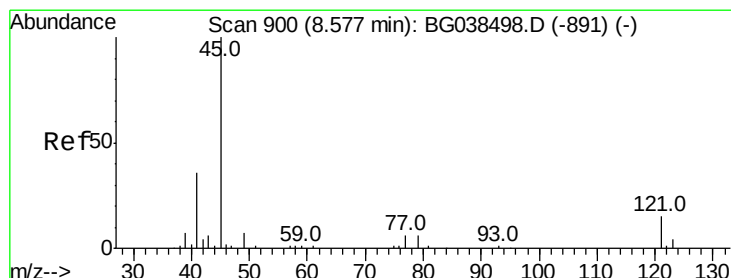
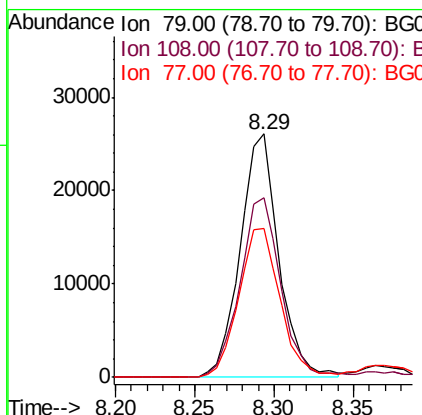
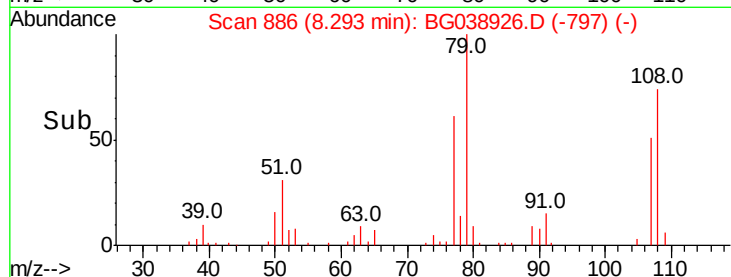
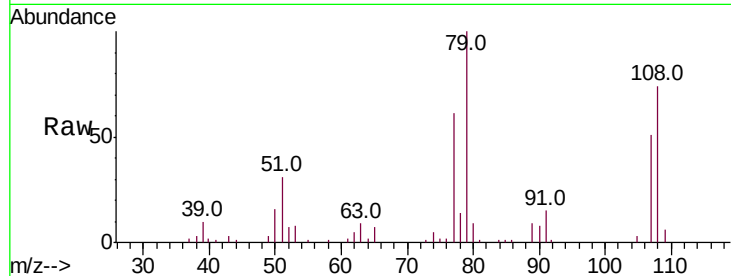




#15
Benzyl Alcohol
Concen: 33.874 ng
RT: 8.29 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

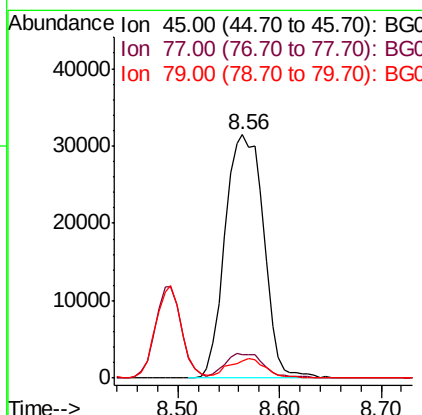
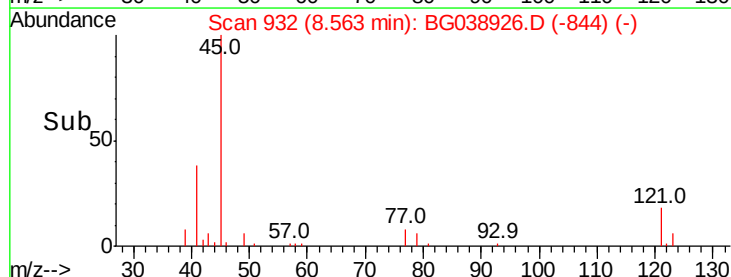
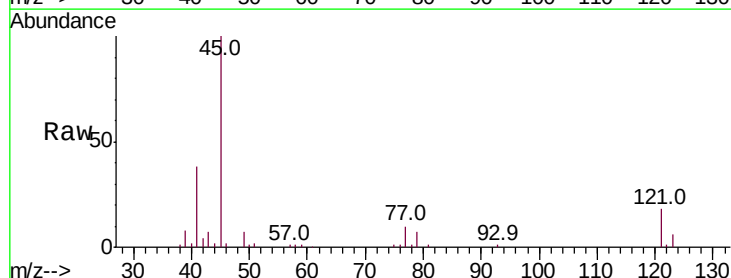
Instrument :
BNA_G
ClientSampleId :
PB116135BS

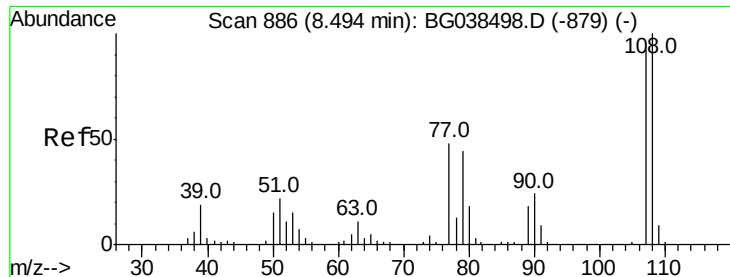
Tot Ion: 79 Resp: 43948
Ion Ratio Lower Upper
79 100
108 73.6 60.2 90.4
77 61.2 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 25.707 ng
RT: 8.56 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

Tgt Ion: 45 Resp: 82792
Ion Ratio Lower Upper
45 100
77 9.5 0.0 28.2
79 6.8 0.0 27.2

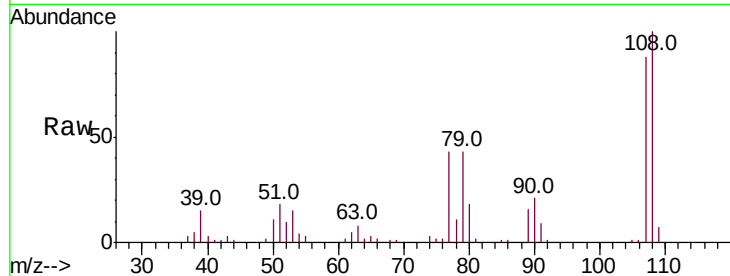




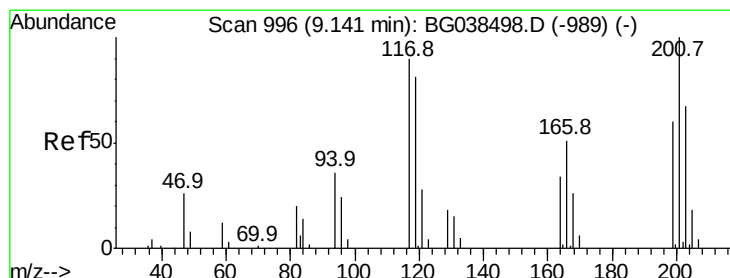
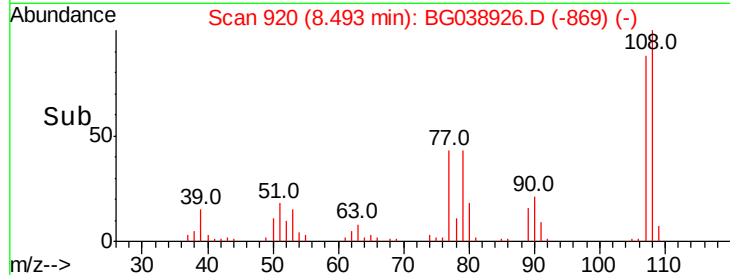
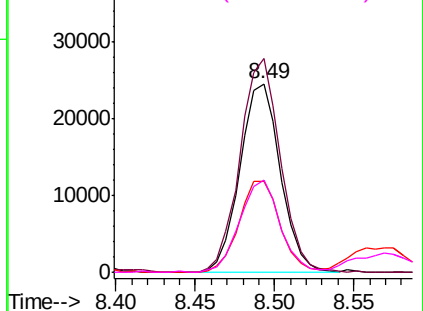
#17
2-Methylphenol
Concen: 36.695 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

Instrument :
BNA_G
ClientSampleId :
PB116135BS

Tot Ion:107 Resp: 43414
Ion Ratio Lower Upper
107 100
108 113.2 87.1 130.7
77 48.3 42.0 63.0
79 48.7 38.2 57.2

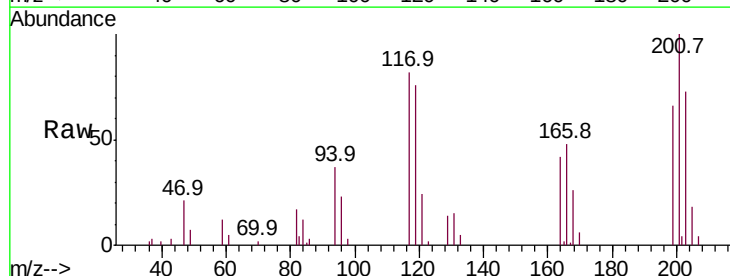


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

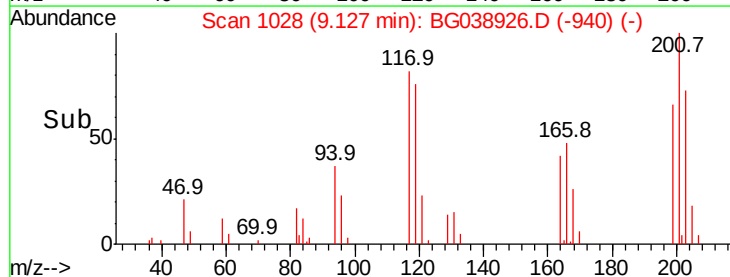
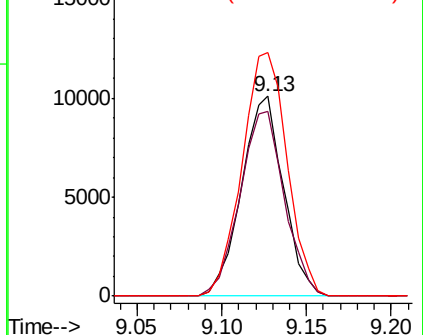


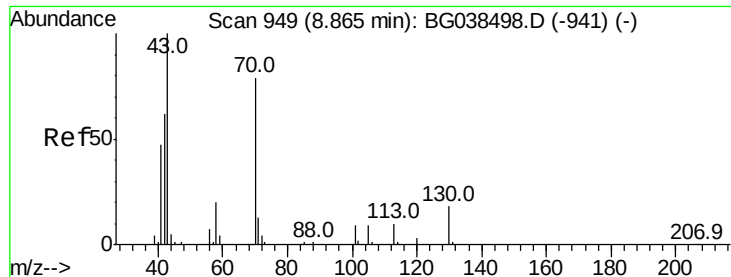
#18
Hexachloroethane
Concen: 28.074 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

Tgt Ion:117 Resp: 17406
Ion Ratio Lower Upper
117 100
119 92.7 73.8 110.8
201 126.9 89.4 134.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

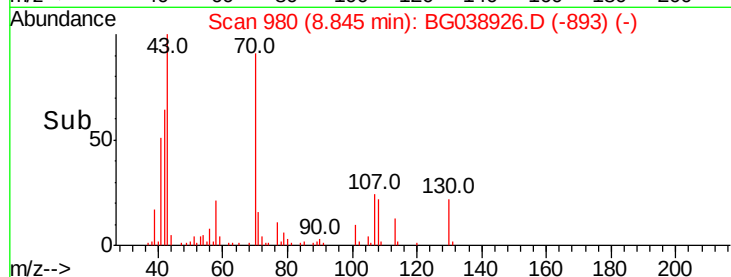
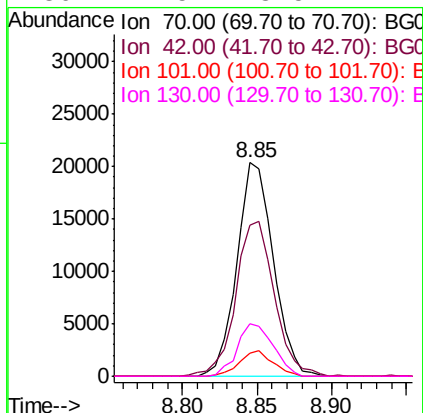
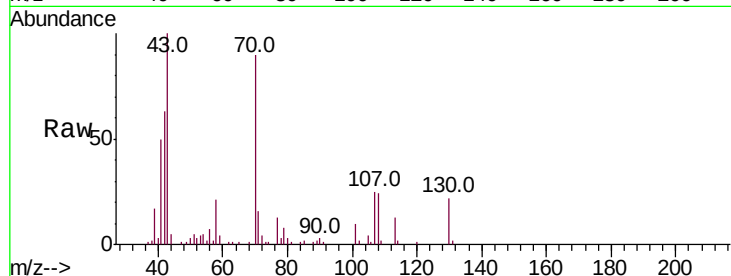




#19
n-Nitroso-di-n-propylamine
Concen: 29.656 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

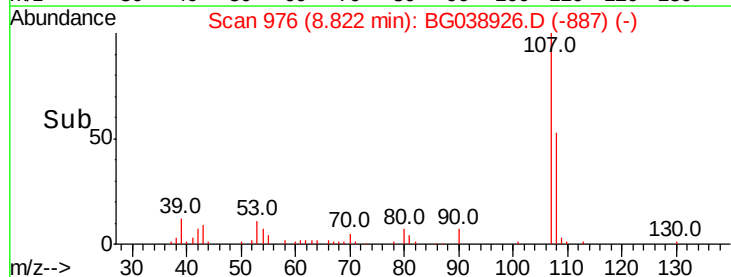
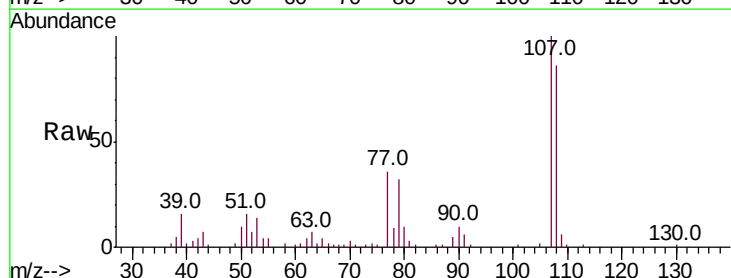
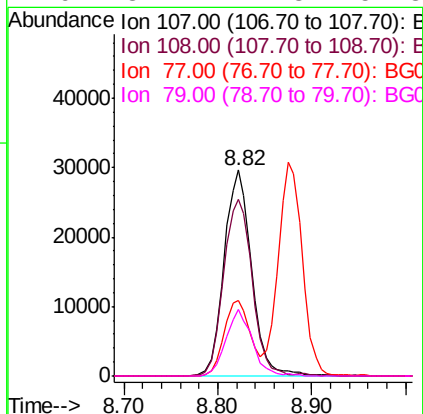
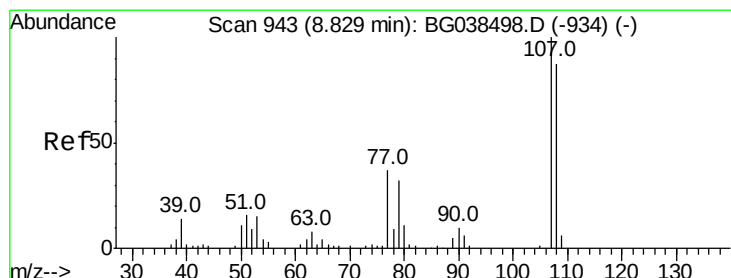
Instrument :
BNA_G
ClientSampleId :
PB116135BS

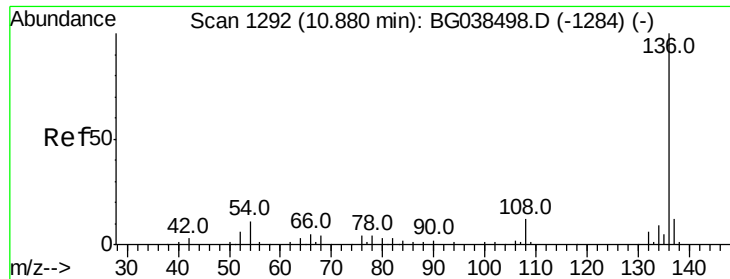
Tot Ion:	70	Resp:	34621
Ion	Ratio	Lower	Upper
70	100		
42	70.6	63.6	95.4
101	11.0	9.2	13.8
130	24.5	18.5	27.7



#20
3+4-Methylphenols
Concen: 36.842 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

Tgt Ion:	107	Resp:	60197
Ion	Ratio	Lower	Upper
107	100		
108	85.5	66.7	106.7
77	36.4	17.3	57.3
79	32.4	12.3	52.3

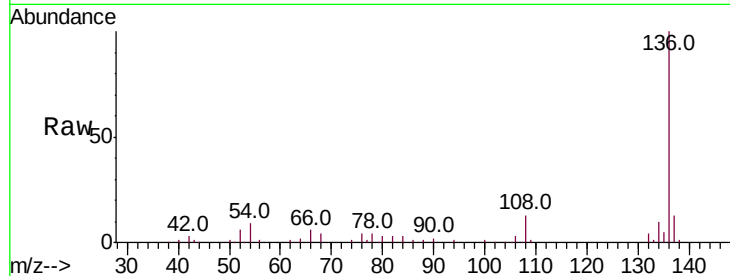




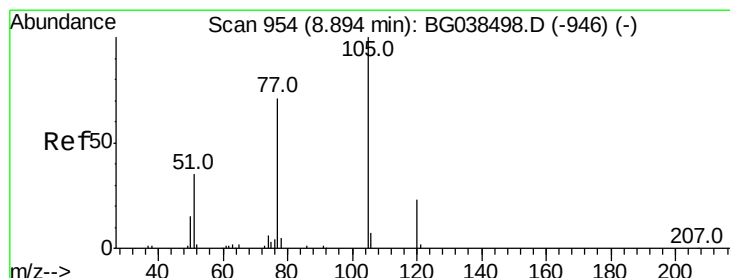
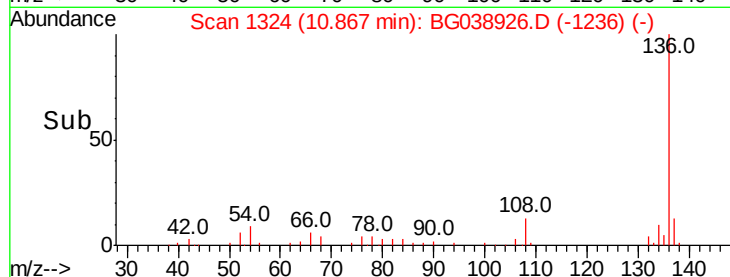
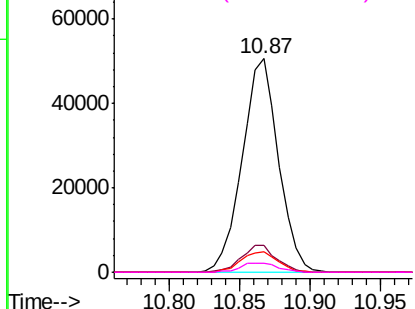
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

Instrument :
BNA_G
ClientSampleId :
PB116135BS

Tot Ion:136	Resp:	90729
Ion Ratio	Lower	Upper
136	100	
137	12.6	9.3 13.9
54	9.4	8.5 12.7
68	4.0	3.5 5.3

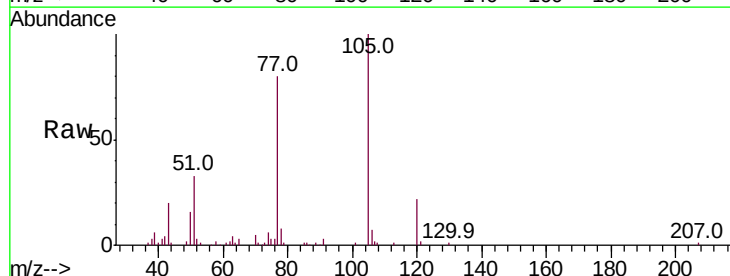


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

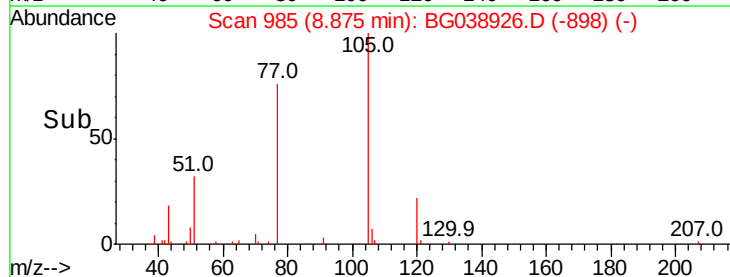
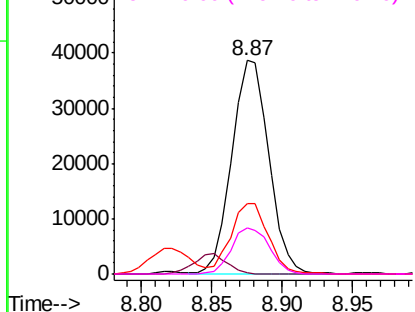


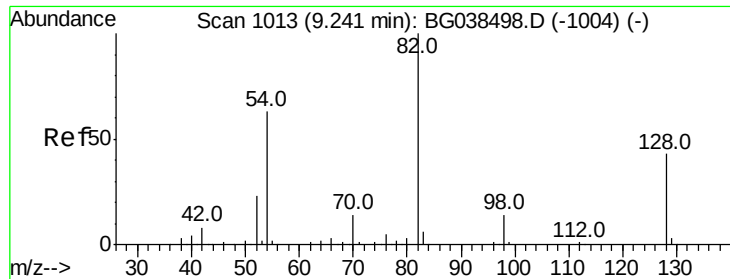
#22
Acetophenone
Concen: 31.366 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

Tgt Ion:105	Resp:	71082
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.4 0.6
51	33.1	30.6 46.0
120	21.6	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

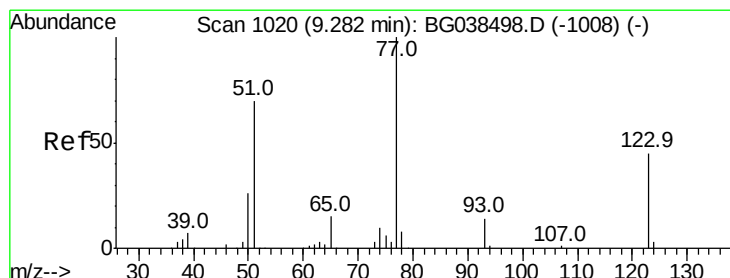
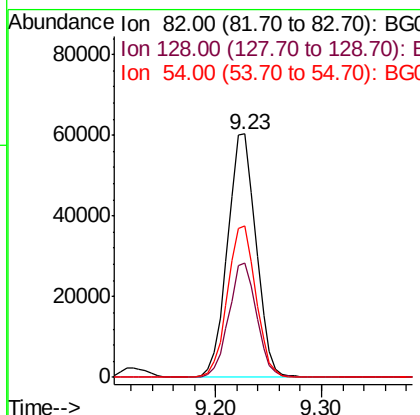
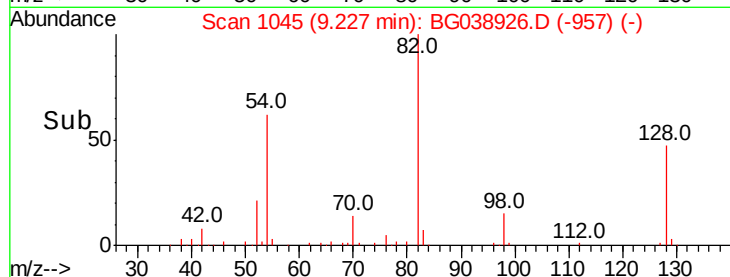
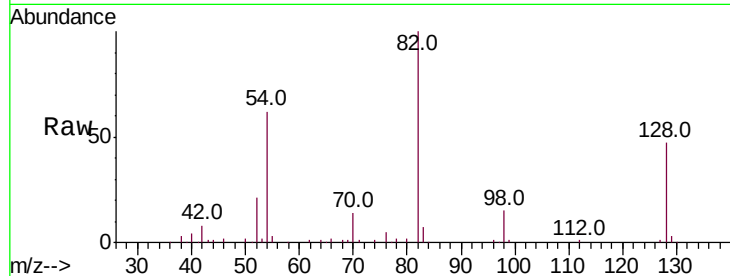




#23
Nitrobenzene-d5
Concen: 63.416 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

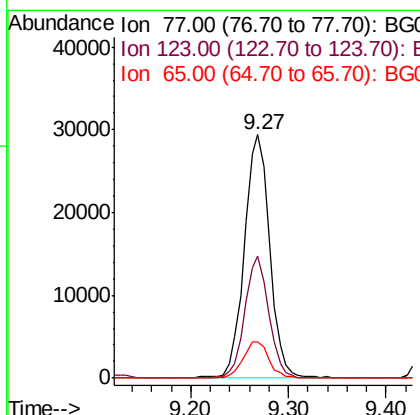
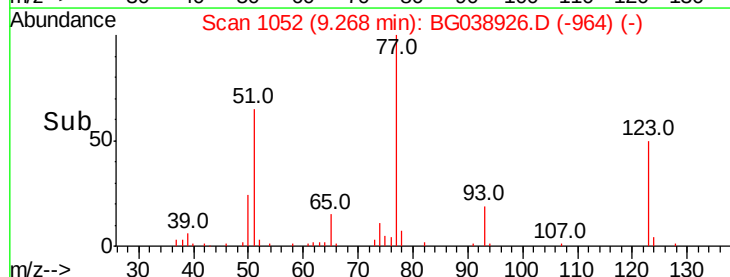
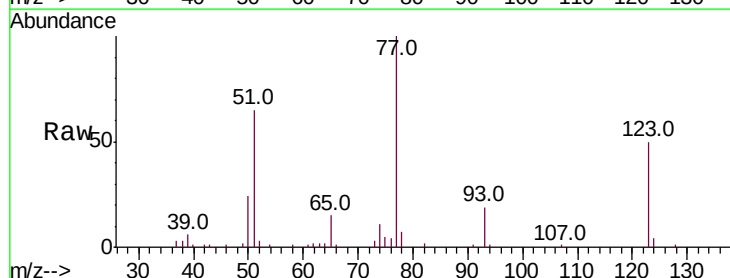
Instrument :
BNA_G
ClientSampleId :
PB116135BS

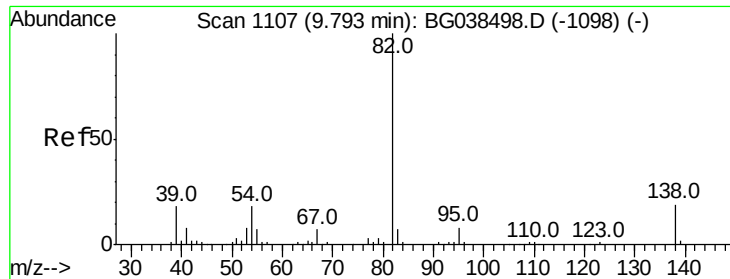
Tot Ion: 82 Resp: 112625
Ion Ratio Lower Upper
82 100
128 46.9 34.6 52.0
54 62.4 50.6 76.0



#24
Nitrobenzene
Concen: 29.759 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

Tgt Ion: 77 Resp: 53465
Ion Ratio Lower Upper
77 100
123 49.9 35.9 53.9
65 15.1 12.0 18.0





#25

Isophorone

Concen: 31.759 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

PB116135BS

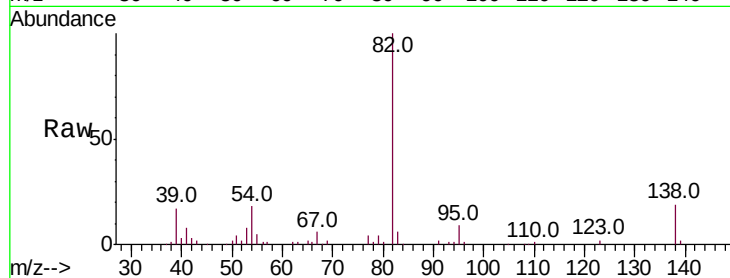
Tot Ion: 82 Resp: 101339

Ion Ratio Lower Upper

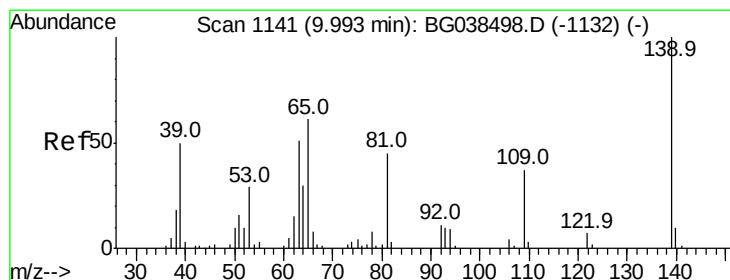
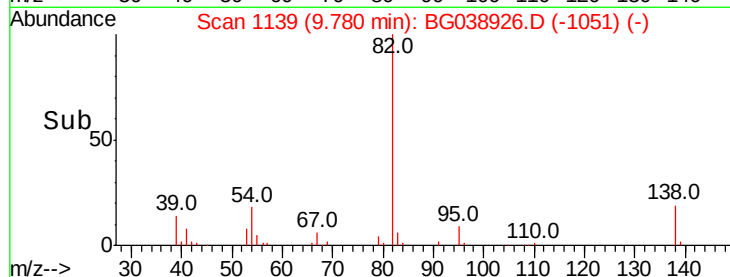
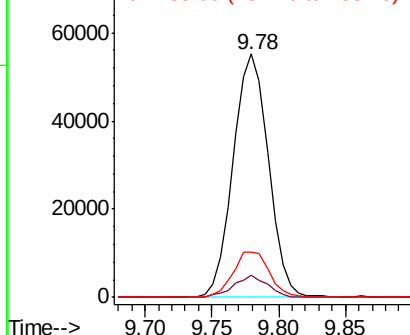
82 100

95 9.3 6.1 9.1#

138 18.8 14.9 22.3



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



#26

2-Nitrophenol

Concen: 31.675 ng

RT: 9.98 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

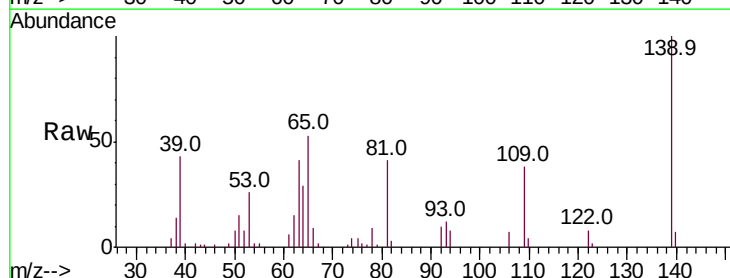
Tgt Ion: 139 Resp: 29127

Ion Ratio Lower Upper

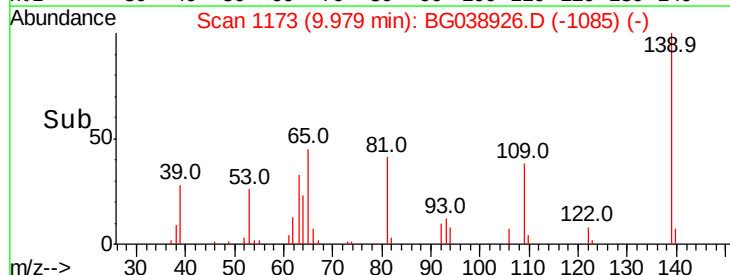
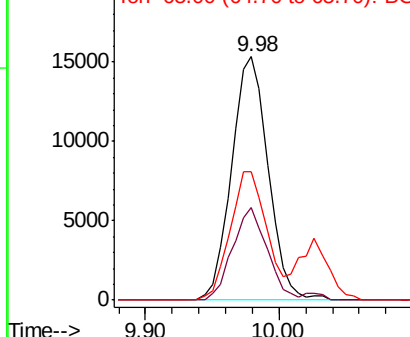
139 100

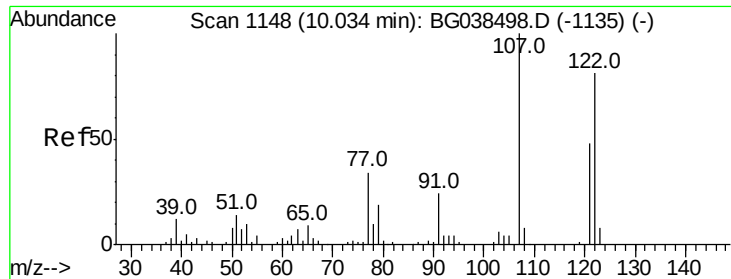
109 38.2 29.5 44.3

65 52.5 48.5 72.7



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

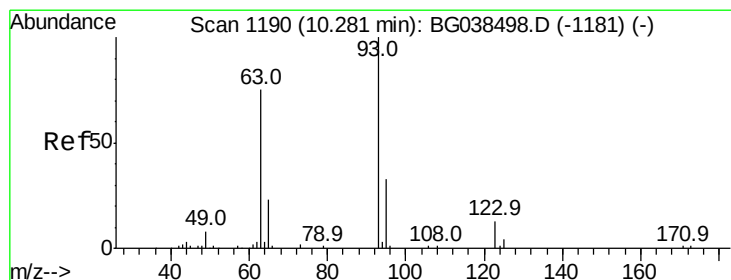
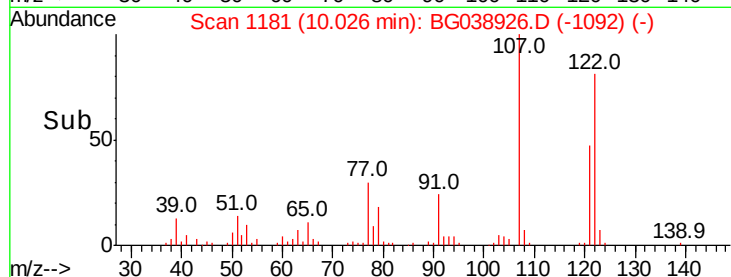
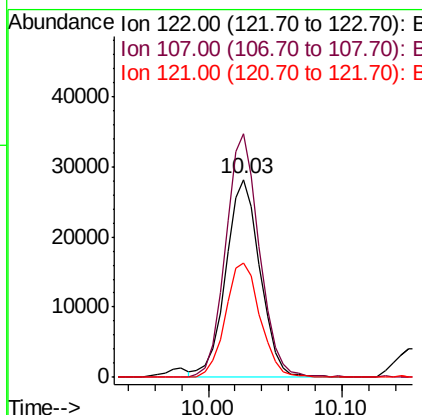
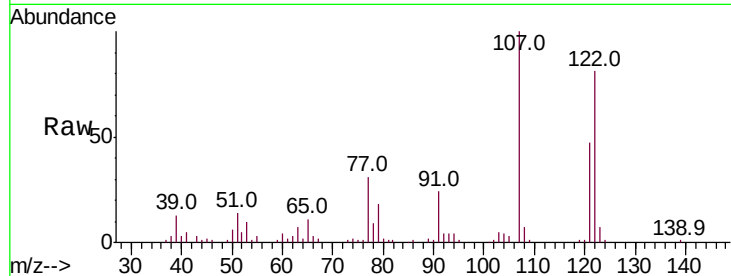




#27
 2,4-Dimethylphenol
 Concen: 38.264 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

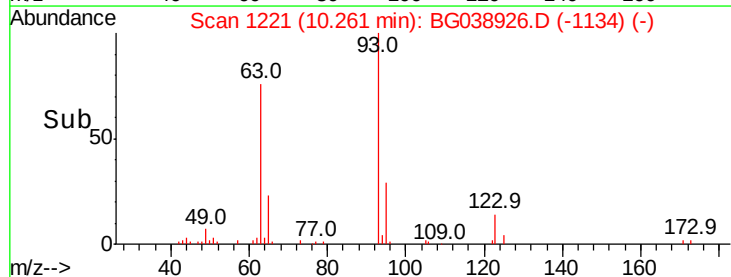
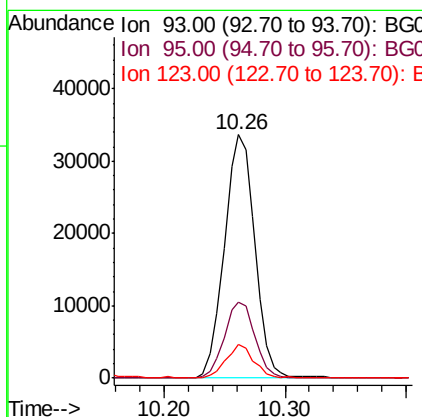
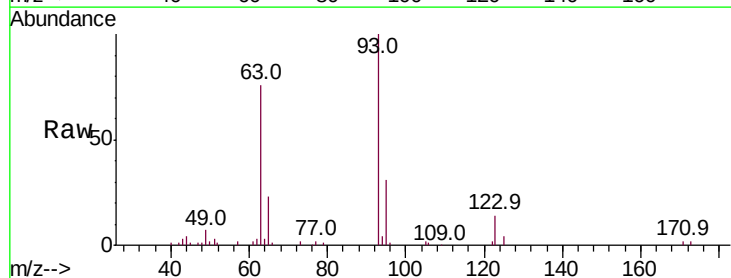
Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

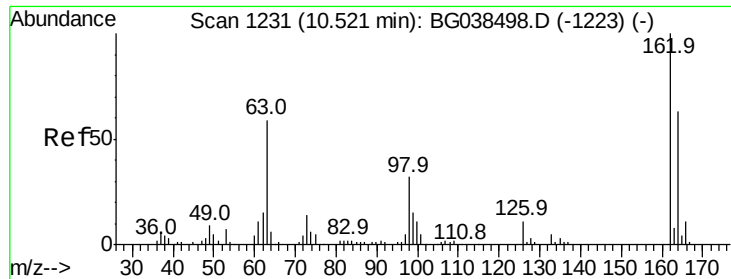
Tot Ion:122 Resp: 50427
 Ion Ratio Lower Upper
 122 100
 107 123.1 98.4 147.6
 121 58.0 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.670 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

Tgt Ion: 93 Resp: 58829
 Ion Ratio Lower Upper
 93 100
 95 31.0 26.6 40.0
 123 13.6 10.6 16.0

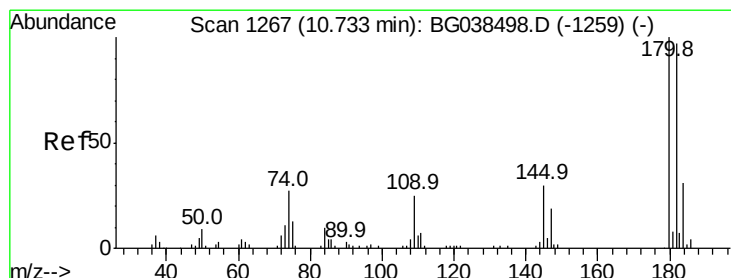
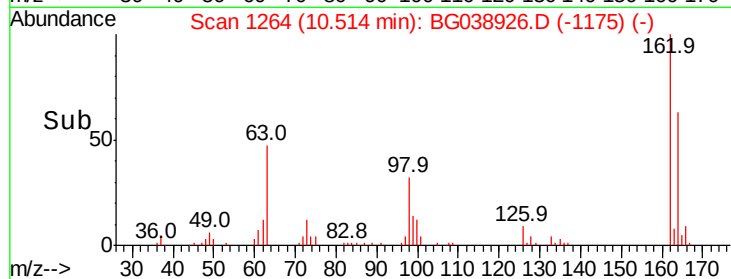
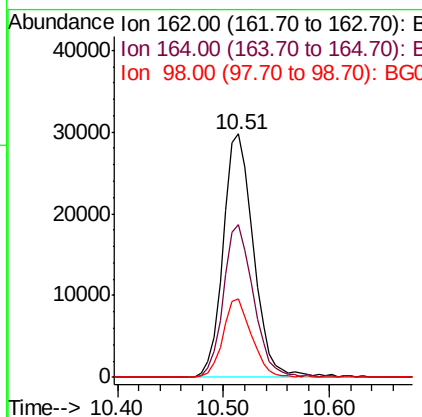
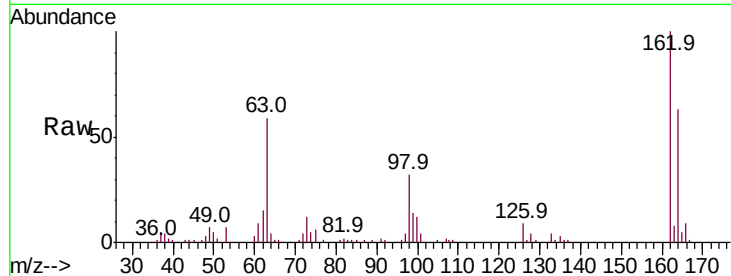




#29
 2,4-Dichlorophenol
 Concen: 40.344 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

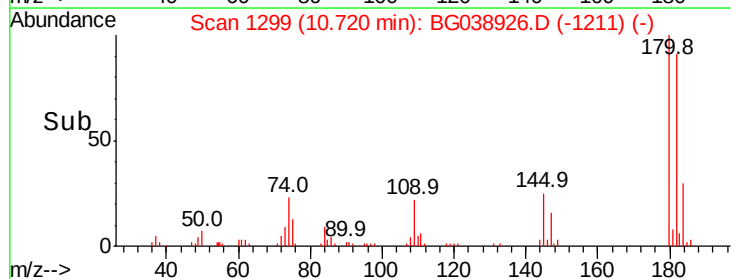
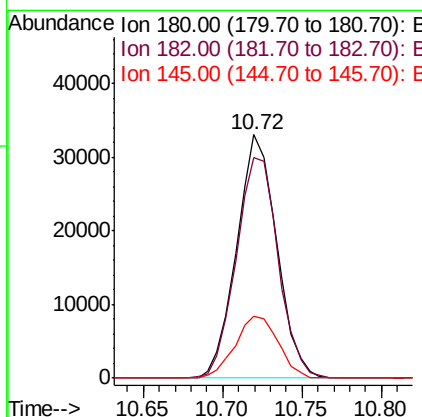
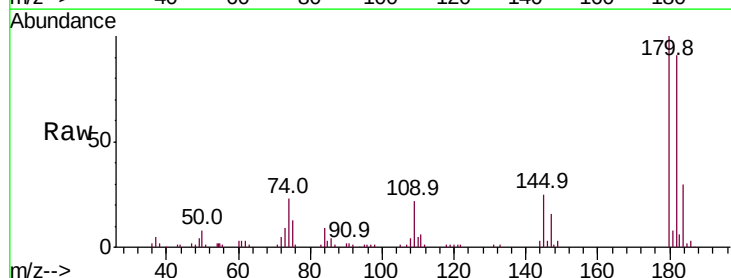
Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

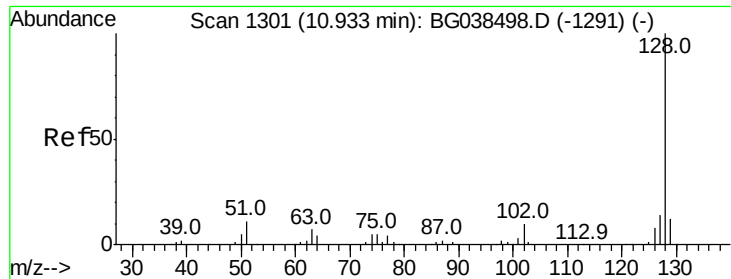
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.9	82.9
98	32.1	12.1	52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 32.687 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.8	77.4	116.0
145	25.3	24.1	36.1

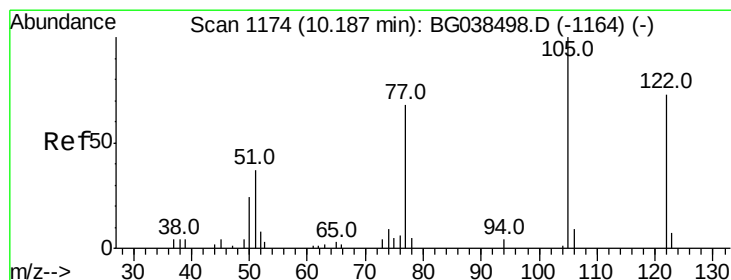
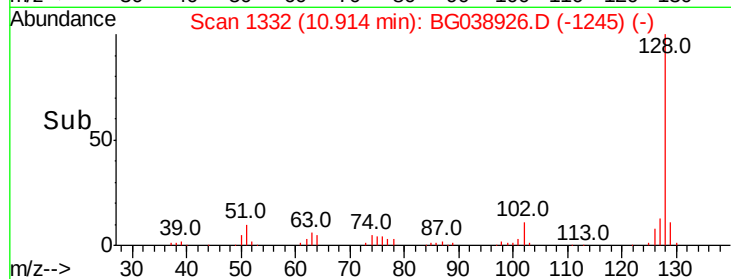
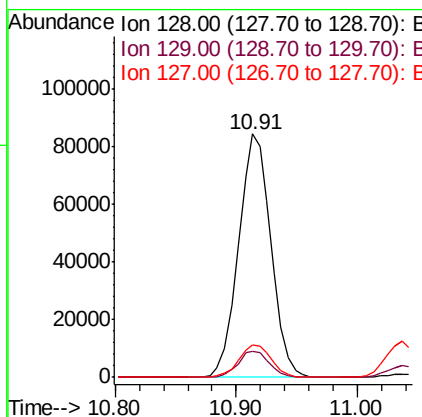
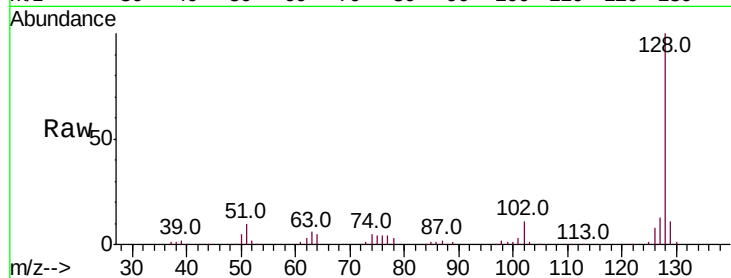




#31
Naphthalene
Concen: 35.004 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

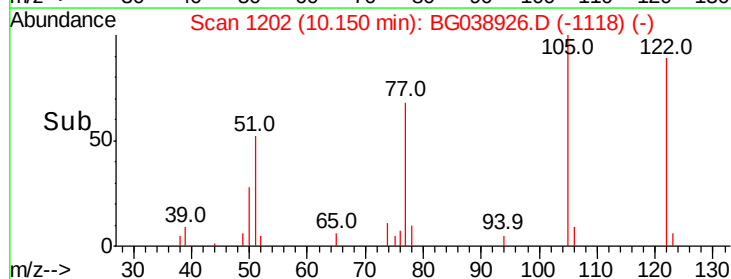
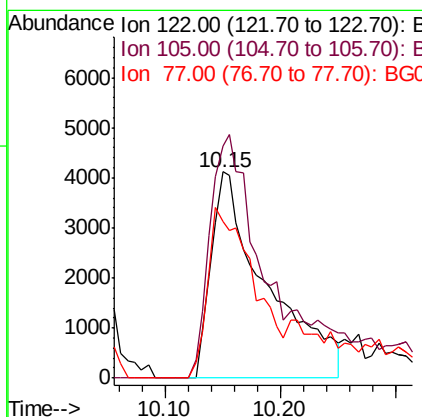
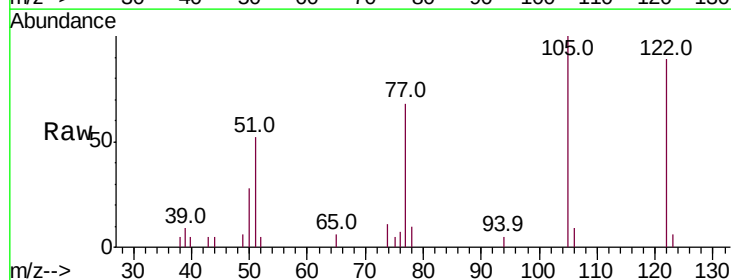
Instrument :
BNA_G
ClientSampleId :
PB116135BS

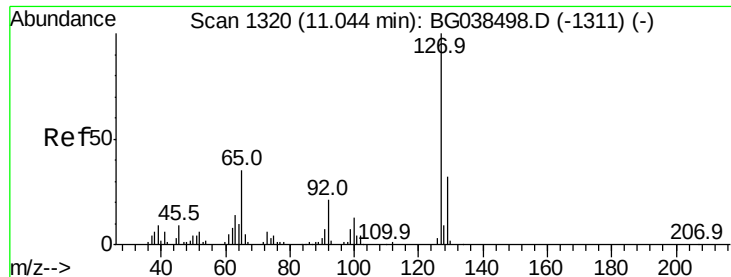
Tot Ion:128 Resp: 156479
Ion Ratio Lower Upper
128 100
129 10.9 9.5 14.3
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 23.090 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.04 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

Tgt Ion:122 Resp: 13727
Ion Ratio Lower Upper
122 100
105 112.5 116.7 156.7#
77 76.0 72.5 112.5

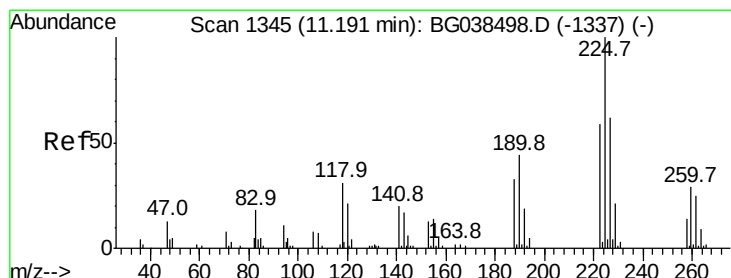
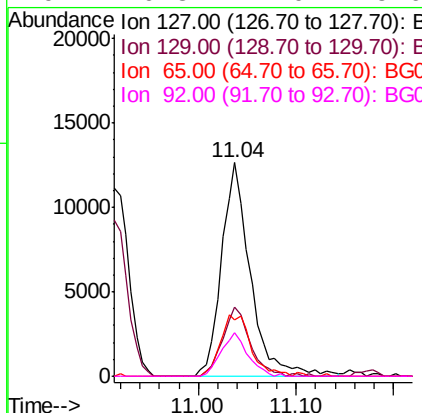
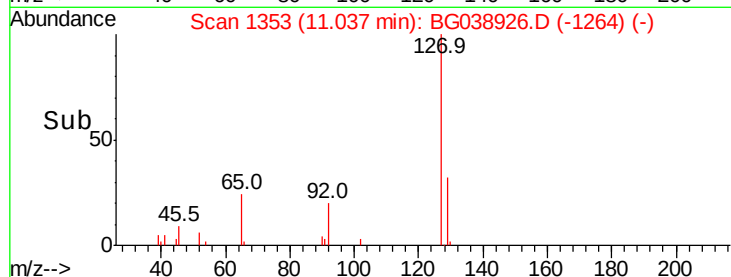
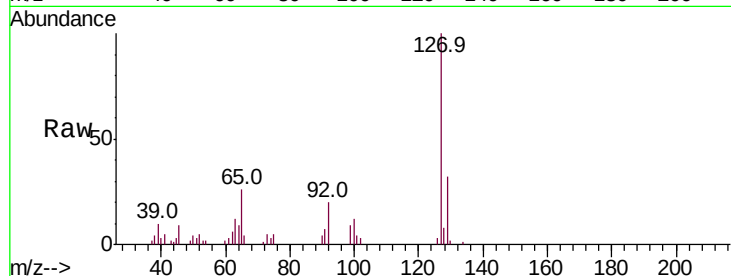




#33
4-Chloroaniline
Concen: 13.362 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

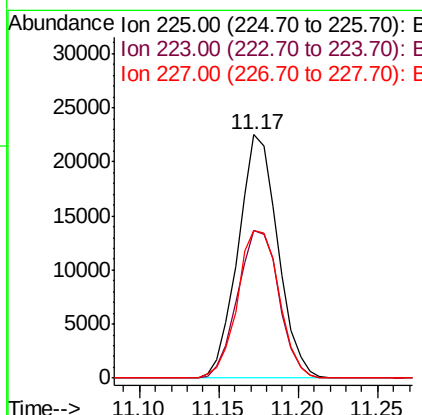
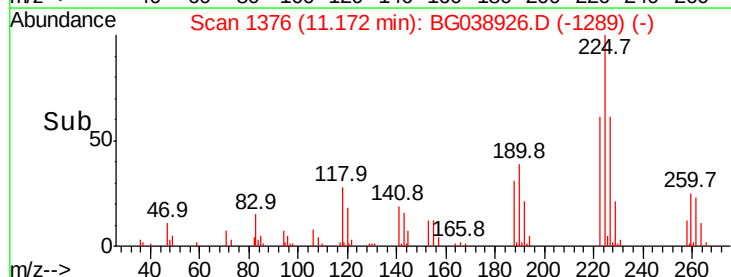
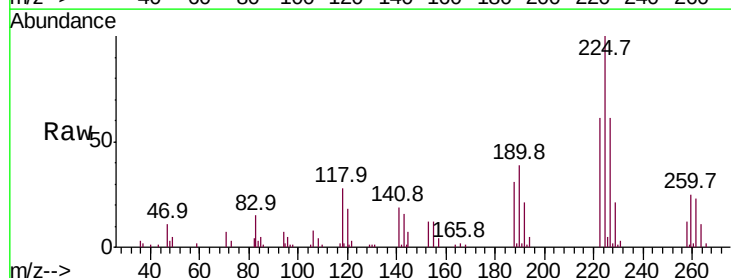
Instrument :
BNA_G
ClientSampleId :
PB116135BS

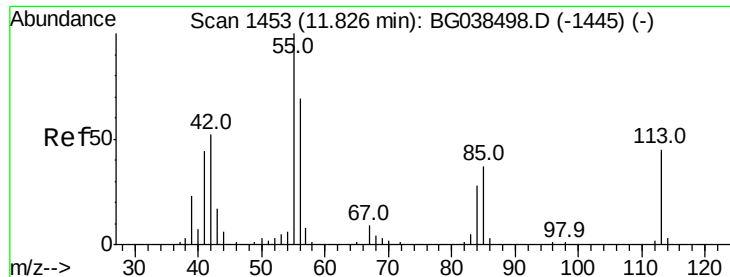
Tot Ion:	127	Resp:	25933
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.8
65	26.4	27.8	41.6#
92	20.3	17.0	25.6



#34
Hexachlorobutadiene
Concen: 32.658 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

Tgt Ion:	225	Resp:	39133
Ion	Ratio	Lower	Upper
225	100		
223	58.0	45.0	67.6
227	60.2	50.6	75.8





#35

Caprolactam

Concen: 33.080 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleID :

PB116135BS

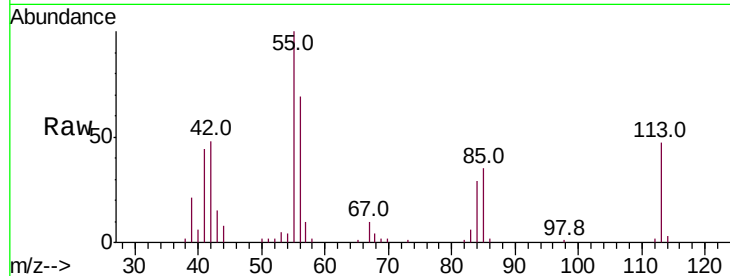
Tot Ion:113 Resp: 20071

Ion Ratio Lower Upper

113 100

55 213.2 204.3 244.3

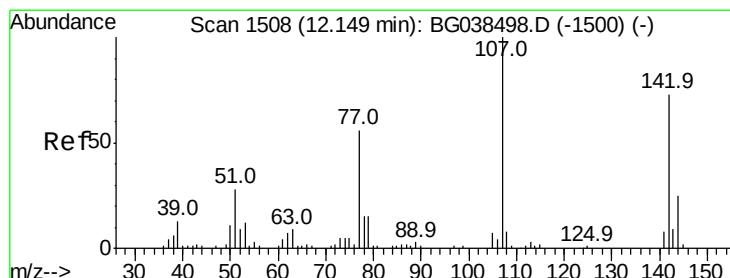
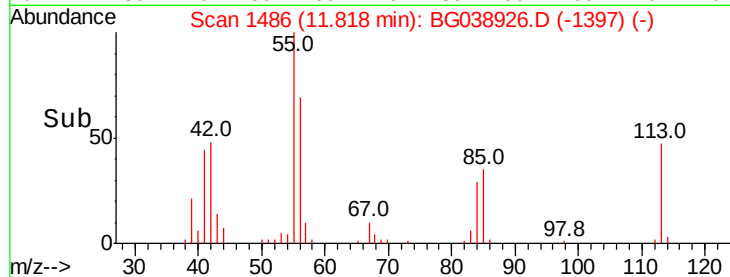
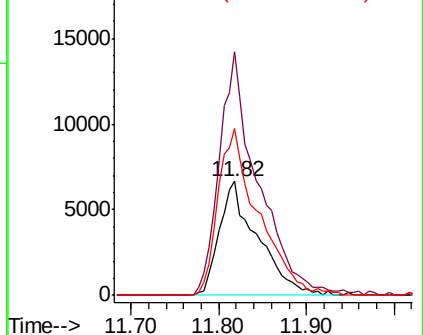
56 146.3 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 37.219 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

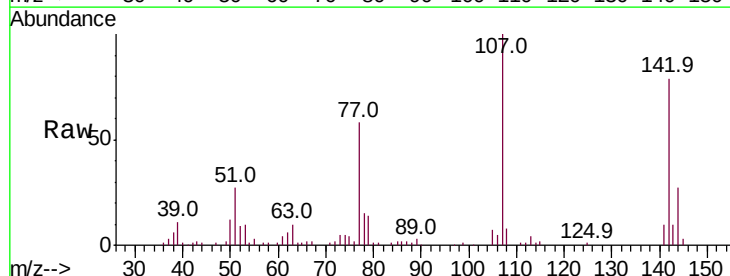
Tgt Ion:107 Resp: 62270

Ion Ratio Lower Upper

107 100

144 26.6 20.1 30.1

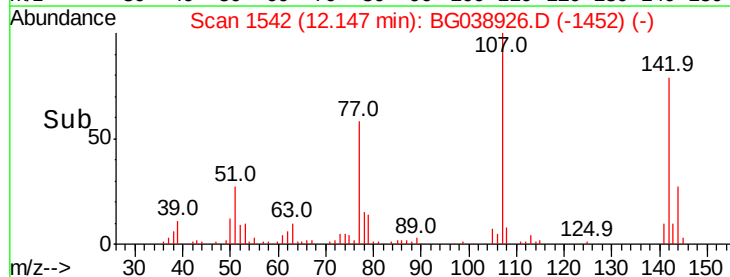
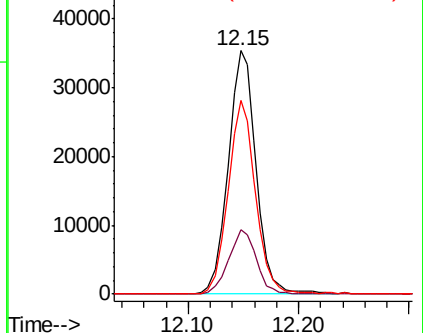
142 79.4 58.7 88.1

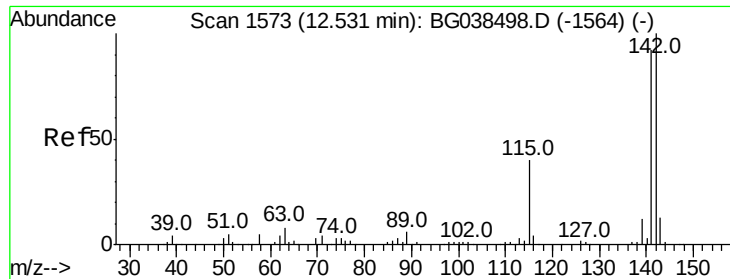


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

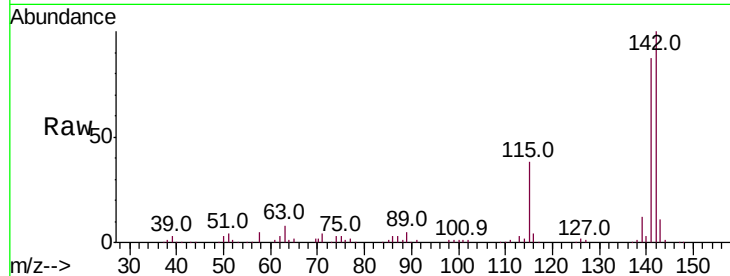




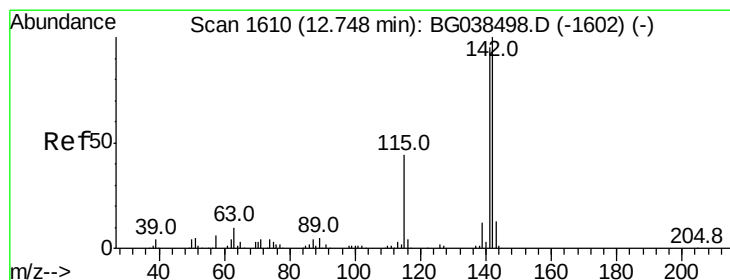
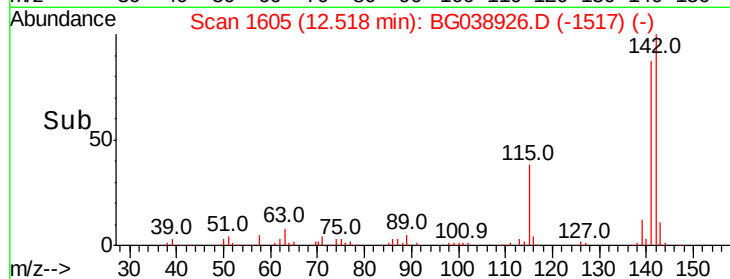
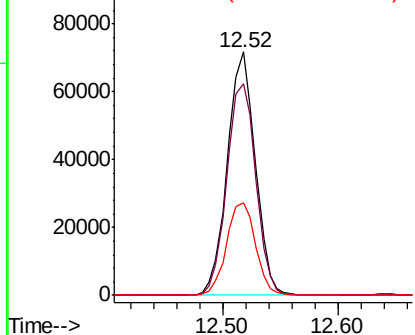
#37
 2-Methylnaphthalene
 Concen: 37.770 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

Instrument :
 BNA_G
 ClientSampleID :
 PB116135BS

Tot Ion:142 Resp: 120454
 Ion Ratio Lower Upper
 142 100
 141 86.7 73.5 110.3
 115 38.0 31.7 47.5

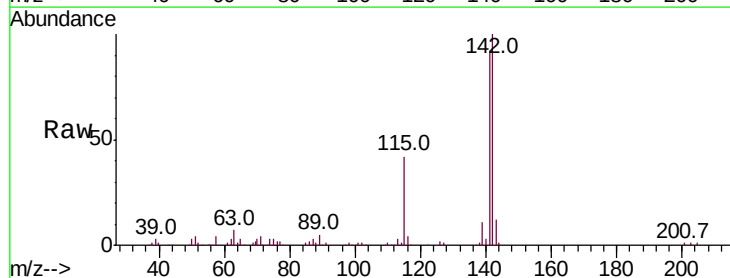


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

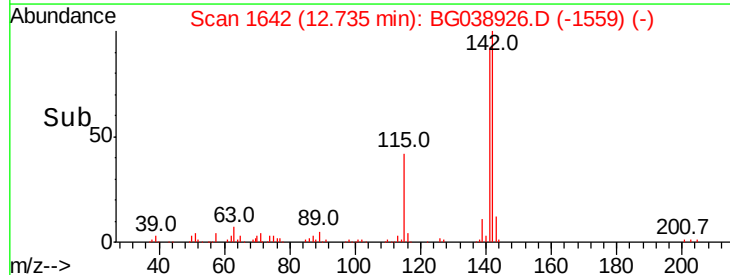
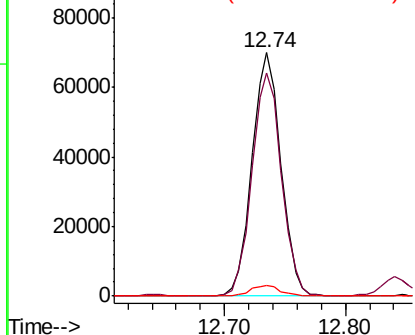


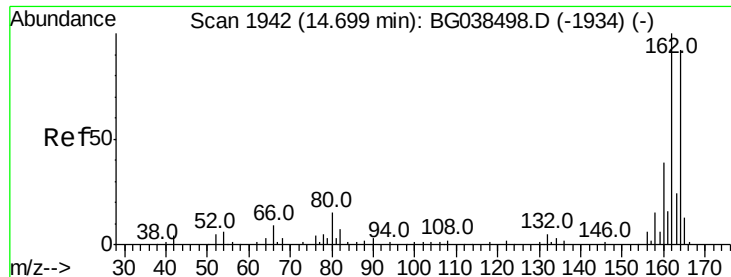
#38
 1-Methylnaphthalene
 Concen: 37.575 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

Tgt Ion:142 Resp: 116282
 Ion Ratio Lower Upper
 142 100
 141 91.7 75.8 113.8
 116 4.5 3.6 5.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

PB116135BS

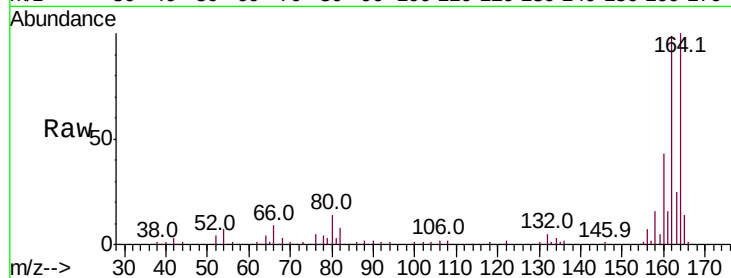
Tot Ion:164 Resp: 67370

Ion Ratio Lower Upper

164 100

162 99.3 86.6 130.0

160 43.5 34.2 51.2

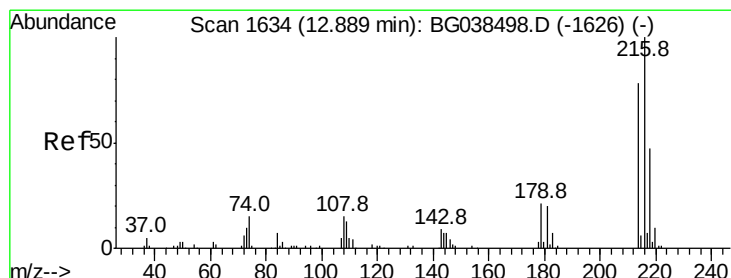
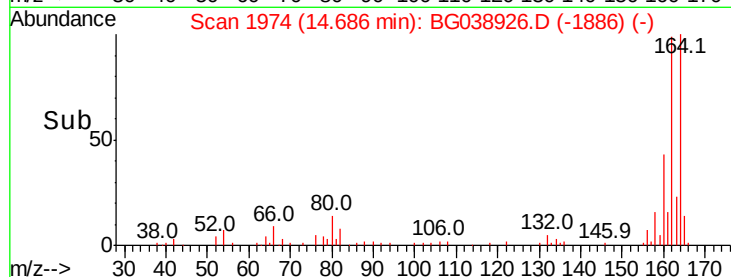
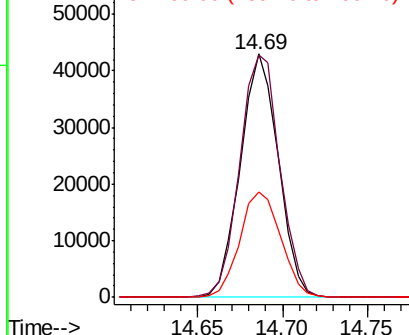


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 29.825 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Tgt Ion:216 Resp: 75106

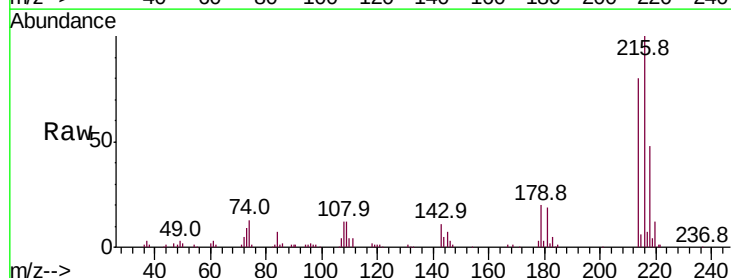
Ion Ratio Lower Upper

216 100

214 81.4 64.1 96.1

179 19.6 16.4 24.6

108 16.3 13.9 20.9



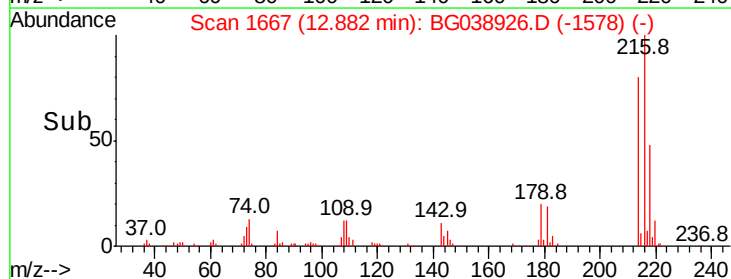
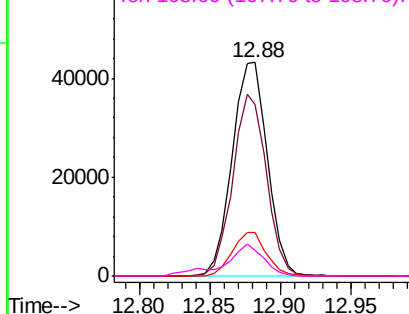
Abundance

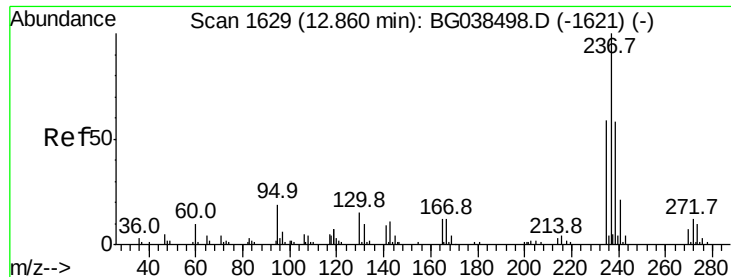
Ion 216.00 (215.70 to 216.70): E

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

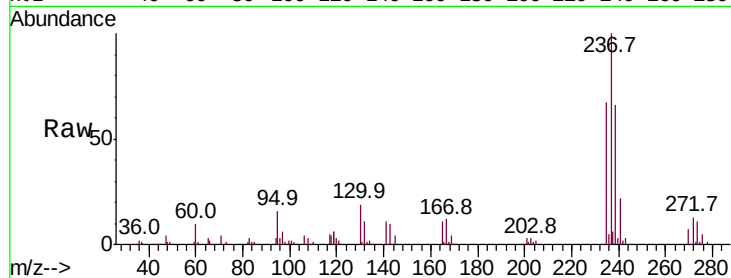




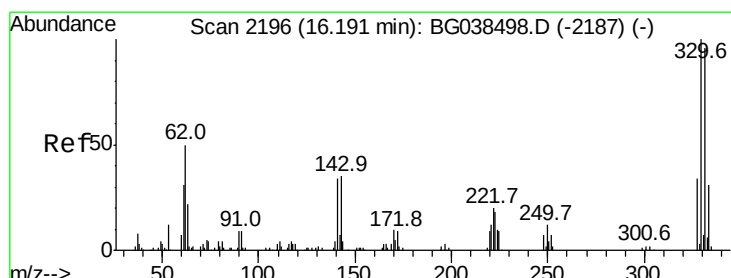
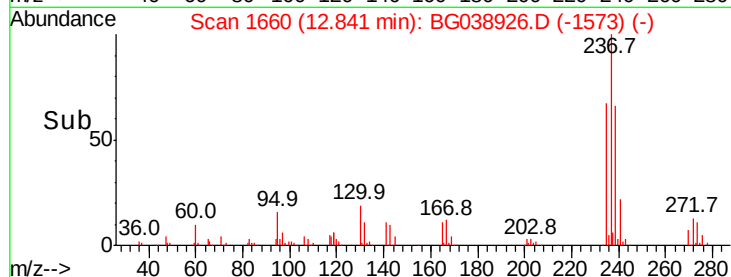
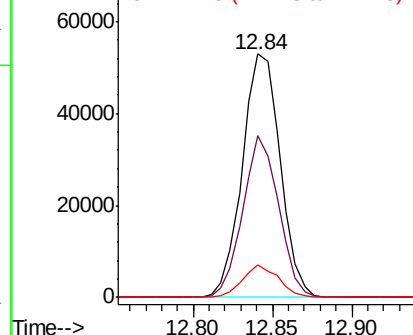
#41
Hexachlorocyclopentadiene
Concen: 63.482 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.02 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

Instrument :
BNA_G
ClientSampleId :
PB116135BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	66.6	38.8	78.8
272	13.4	0.0	32.0

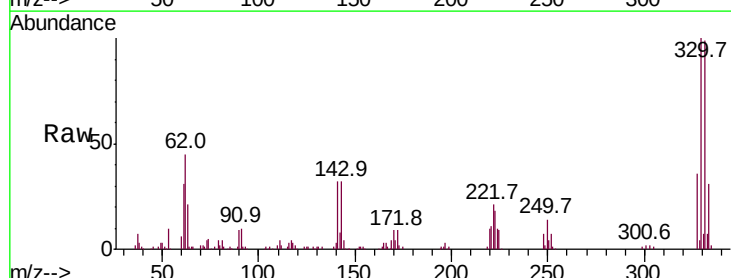


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

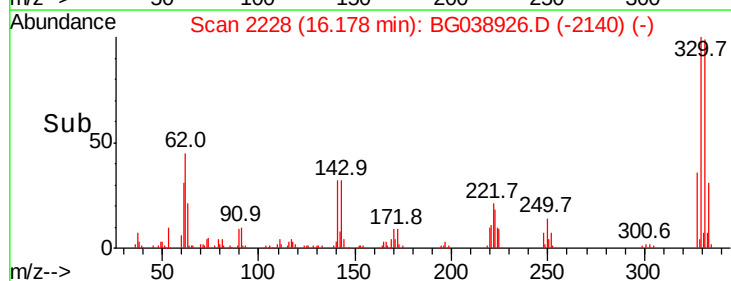
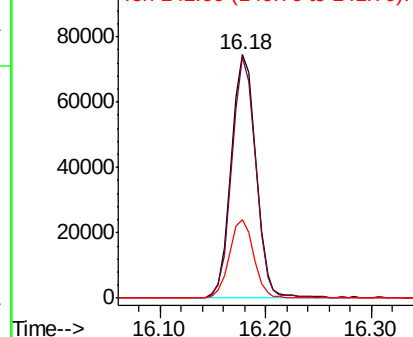


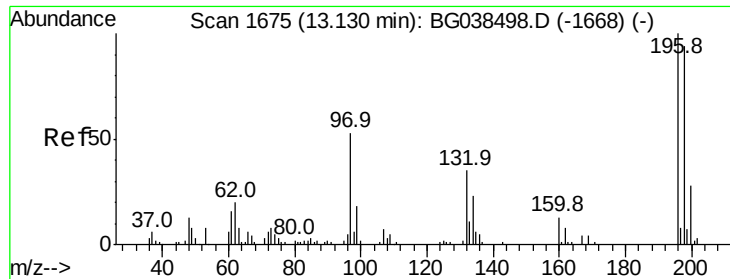
#42
2,4,6-Tribromophenol
Concen: 129.833 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	31.7	28.8	43.2



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

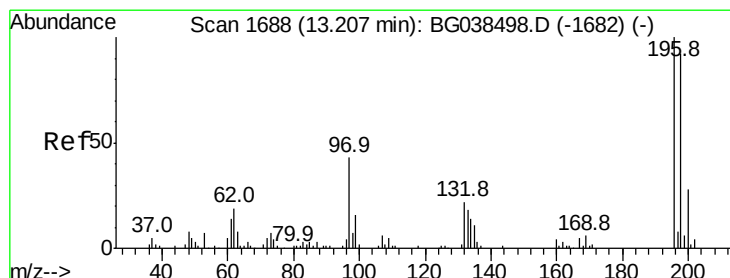
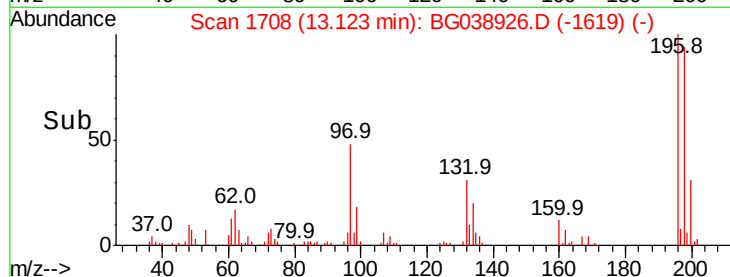
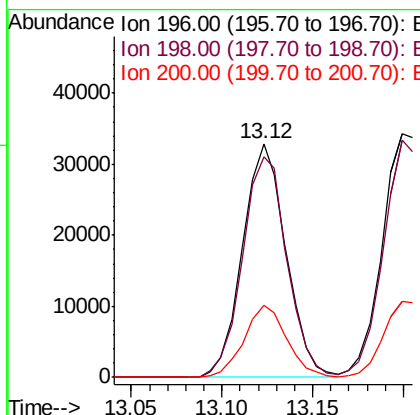
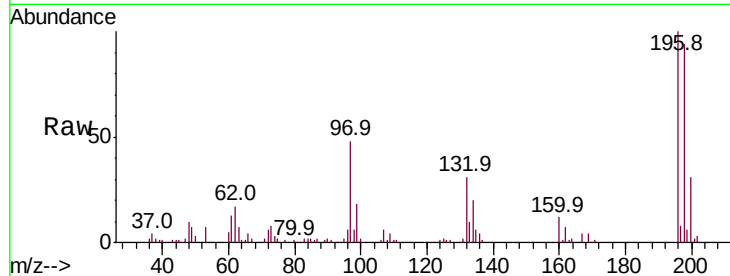




#43
 2,4,6-Trichlorophenol
 Concen: 35.401 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

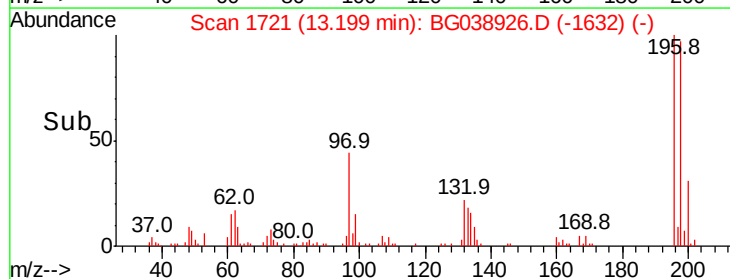
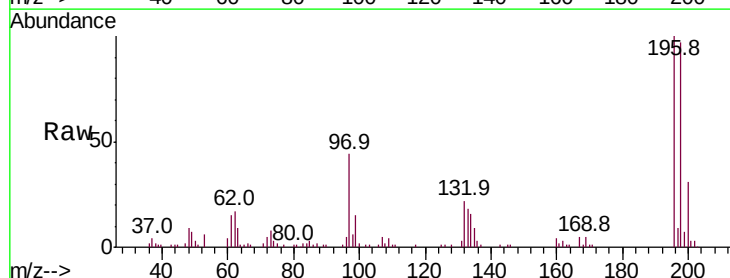
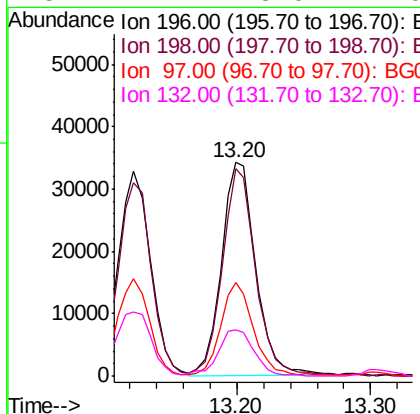
Instrument :
 BNA_G
 ClientSampled :
 PB116135BS

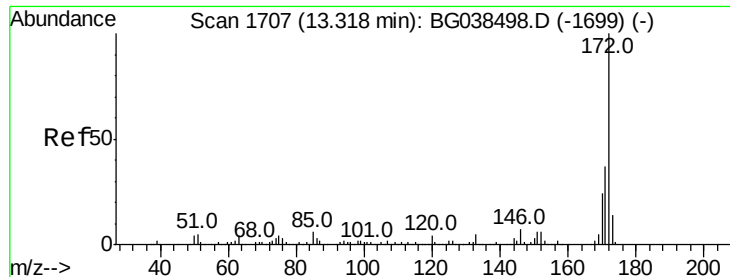
Tot Ion:196 Resp: 54814
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.0 112.4
 200 30.8 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 37.169 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

Tgt Ion:196 Resp: 60935
 Ion Ratio Lower Upper
 196 100
 198 97.3 74.0 111.0
 97 43.6 35.1 52.7
 132 21.7 18.0 27.0

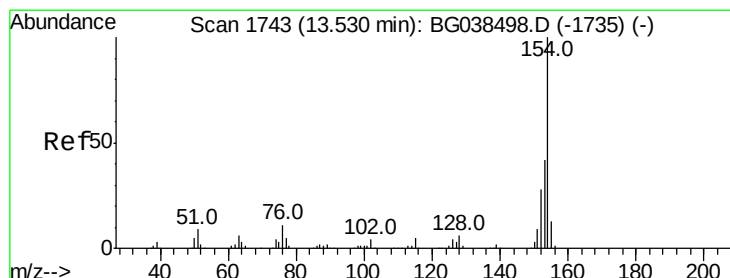
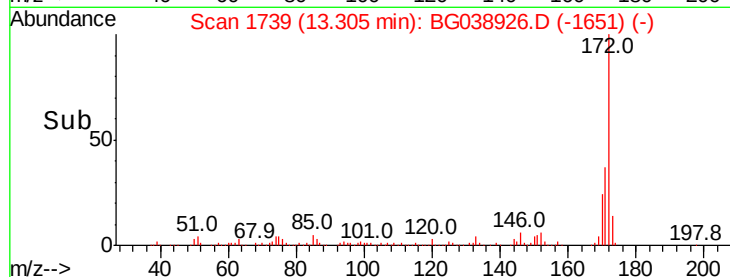
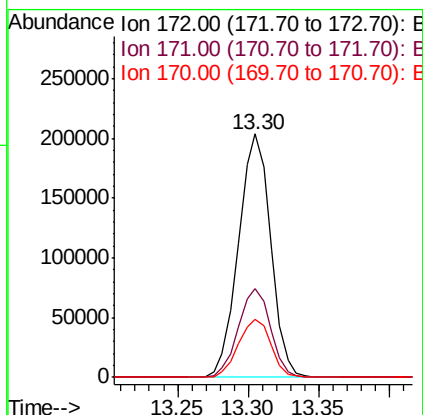
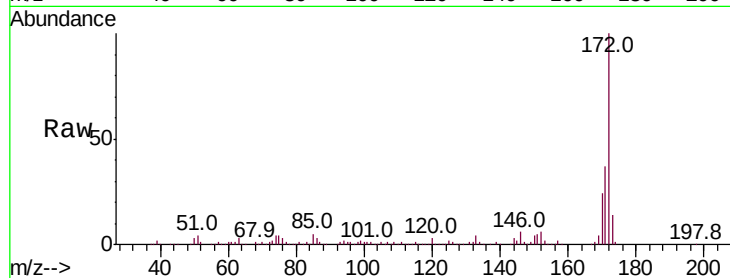




#45
2-Fluorobiphenyl
Concen: 66.079 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

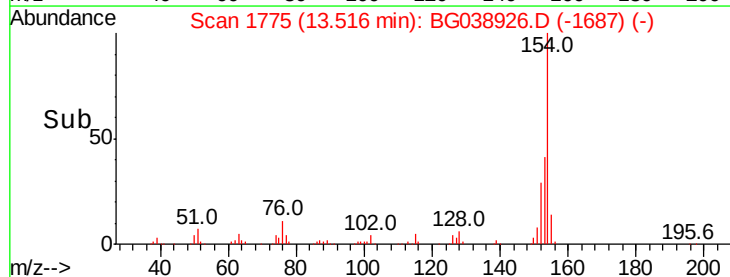
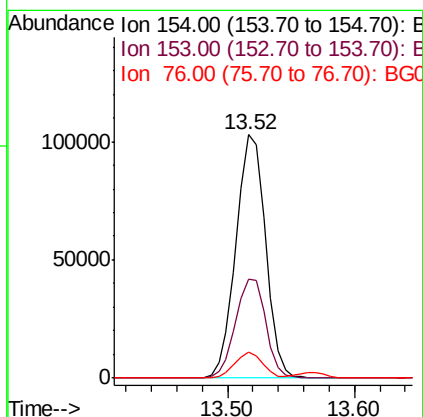
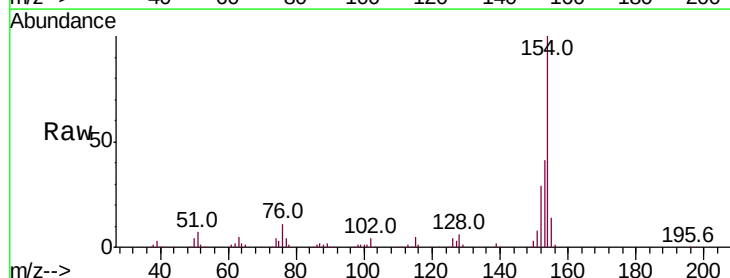
Instrument :
BNA_G
ClientSampleId :
PB116135BS

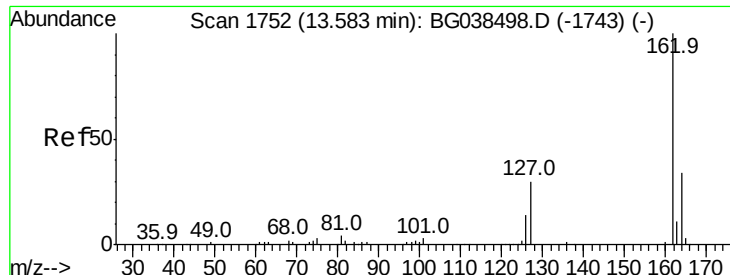
Tot Ion:172 Resp: 324508
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 23.6 19.5 29.3



#46
1,1'-Biphenyl
Concen: 29.502 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

Tgt Ion:154 Resp: 166620
Ion Ratio Lower Upper
154 100
153 40.8 22.1 62.1
76 10.7 0.0 31.2

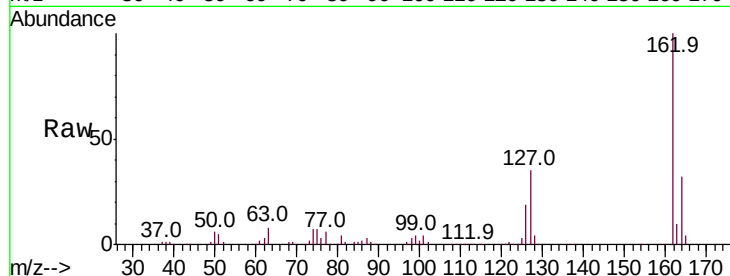




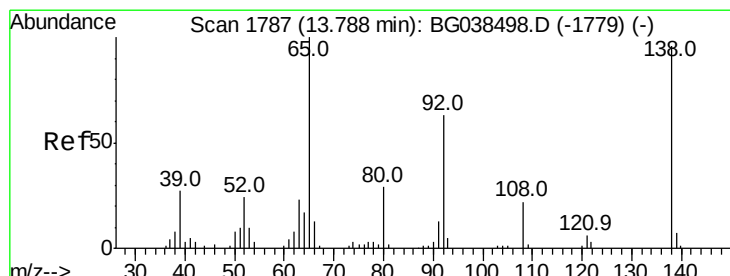
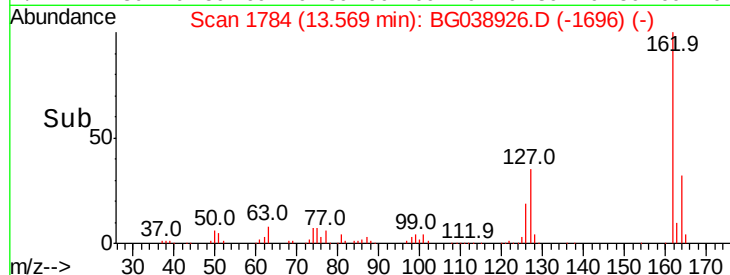
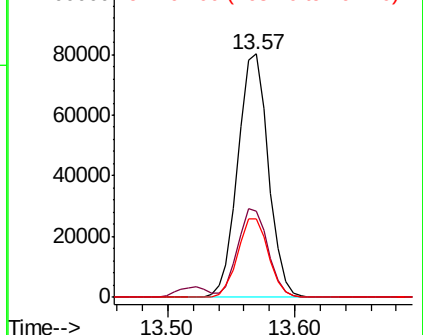
#47
 2-Chloronaphthalene
 Concen: 30.658 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

Tot Ion:162 Resp: 133751
 Ion Ratio Lower Upper
 162 100
 127 35.4 27.8 41.8
 164 32.3 26.9 40.3

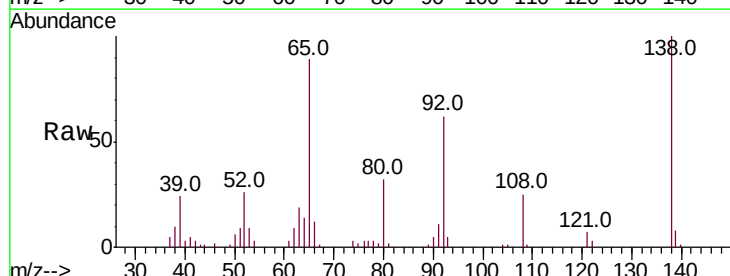


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

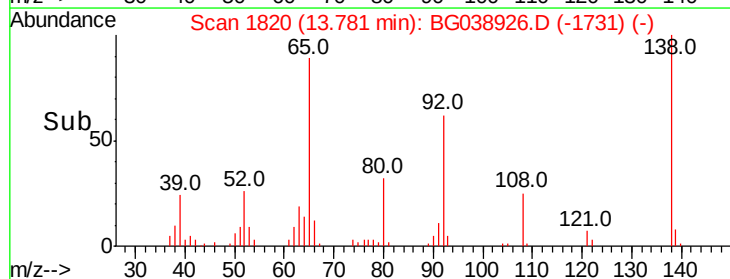
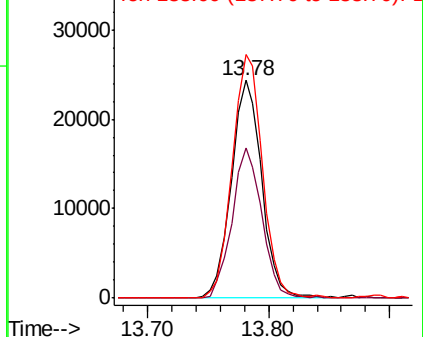


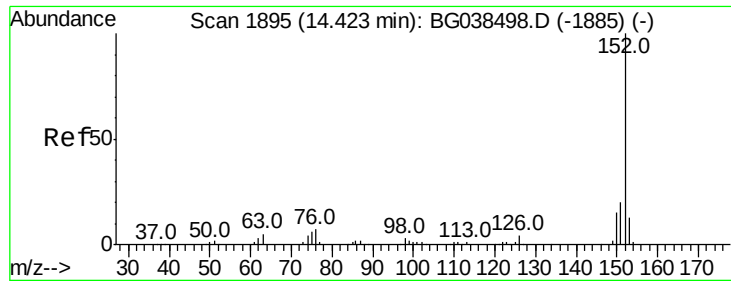
#48
 2-Nitroaniline
 Concen: 30.697 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

Tgt Ion: 65 Resp: 42656
 Ion Ratio Lower Upper
 65 100
 92 68.9 50.0 75.0
 138 111.9 76.9 115.3



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: 34.517 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

PB116135BS

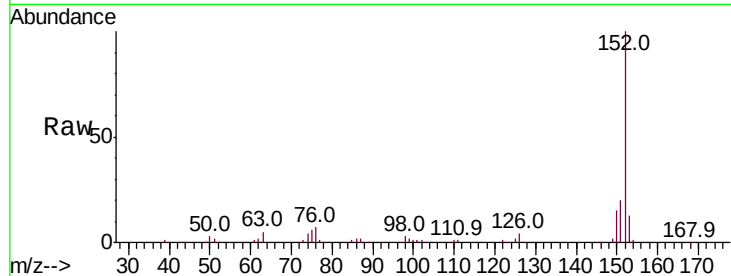
Tot Ion:152 Resp: 225114

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

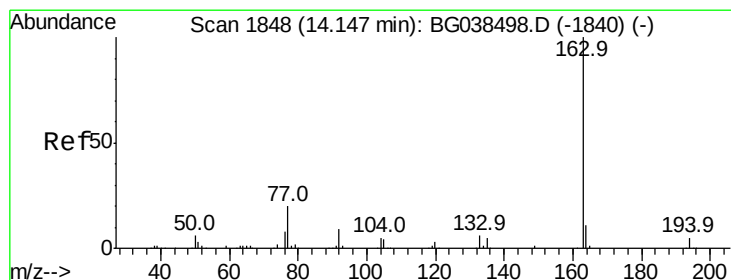
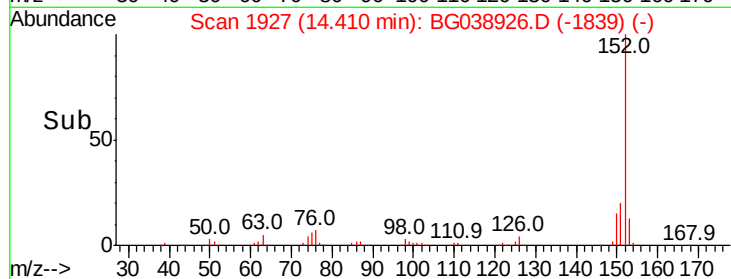
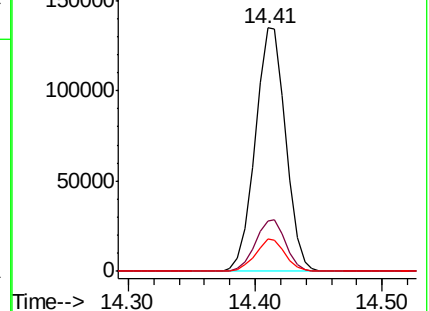
153 13.3 10.4 15.6



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: 33.933 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

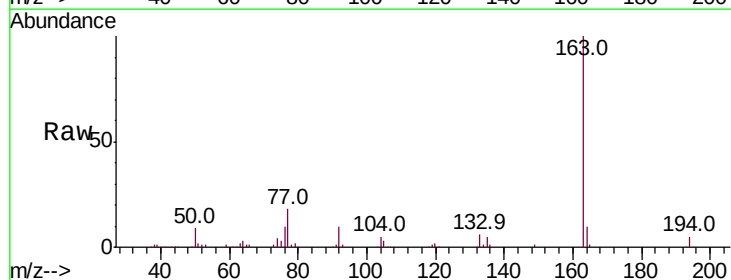
Tgt Ion:163 Resp: 186688

Ion Ratio Lower Upper

163 100

194 4.9 3.7 5.5

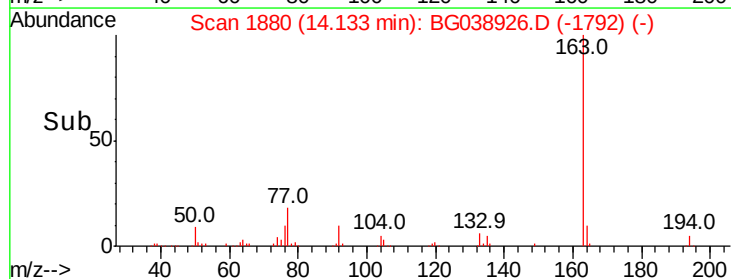
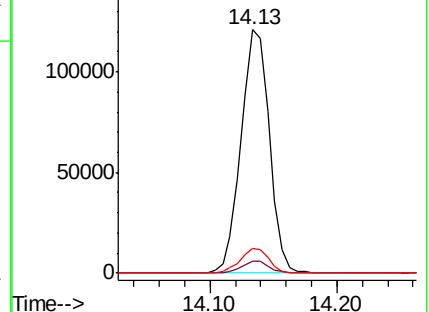
164 10.3 8.6 12.8

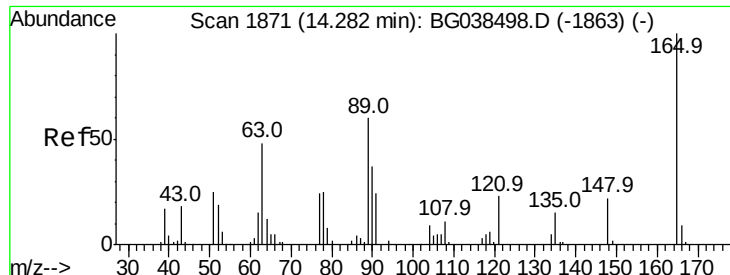


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

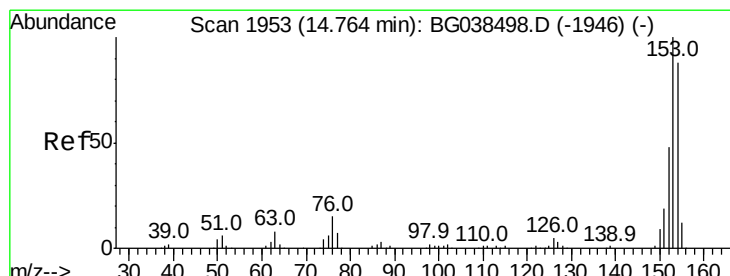
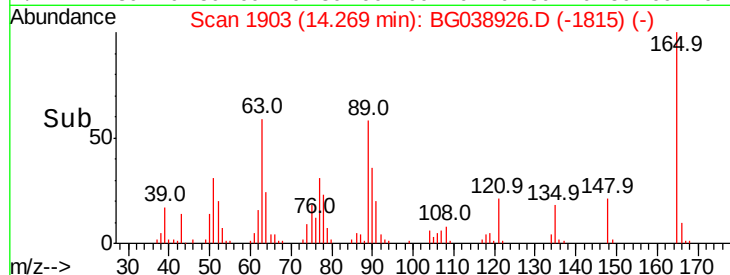
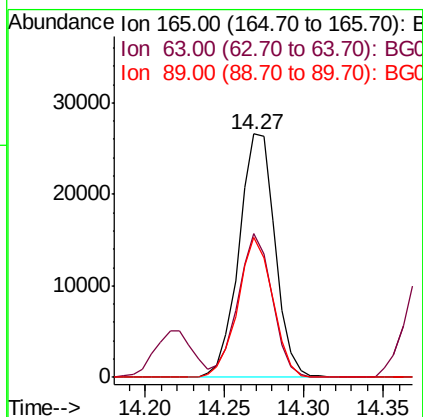
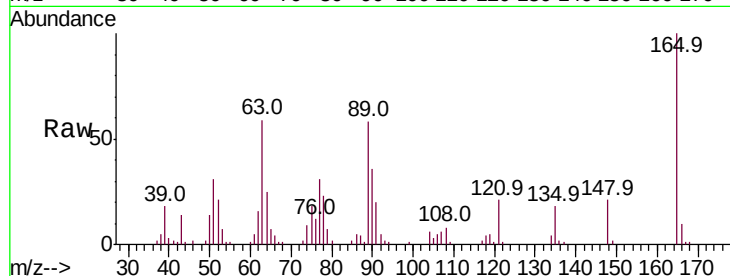




#51
 2,6-Dinitrotoluene
 Concen: 33.593 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

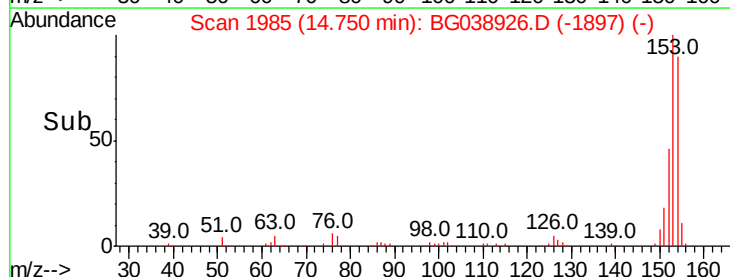
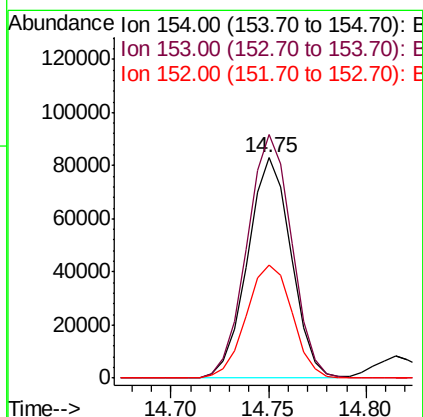
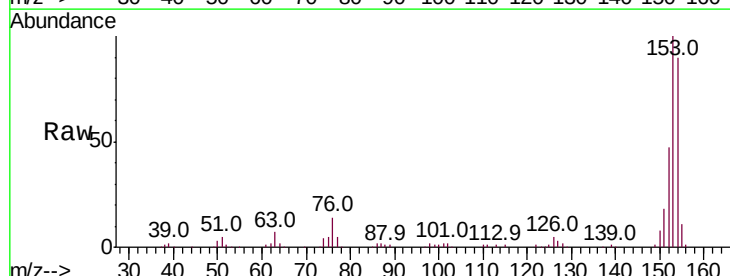
Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

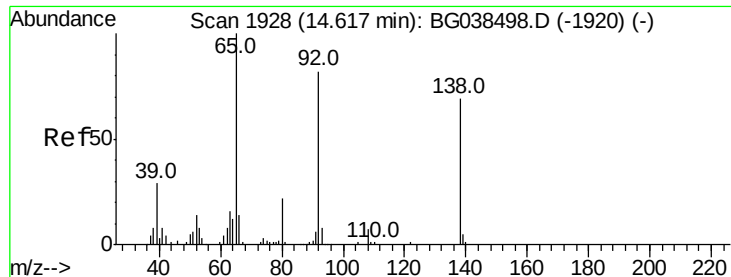
Tot Ion:165 Resp: 41883
 Ion Ratio Lower Upper
 165 100
 63 59.2 51.8 77.6
 89 57.5 47.9 71.9



#52
 Acenaphthene
 Concen: 32.967 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

Tgt Ion:154 Resp: 128569
 Ion Ratio Lower Upper
 154 100
 153 110.5 90.6 136.0
 152 51.5 43.5 65.3





#53

3-Nitroaniline

Concen: 15.880 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

PB116135BS

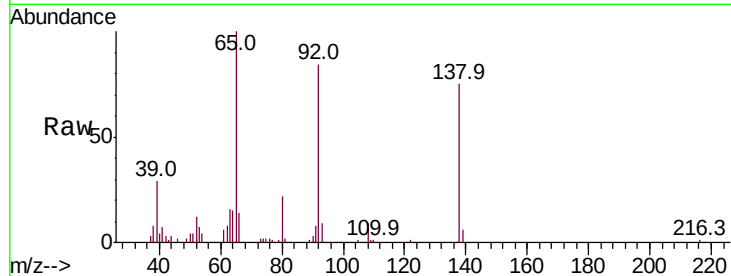
Tot Ion:138 Resp: 20183

Ion Ratio Lower Upper

138 100

108 12.5 7.9 11.9#

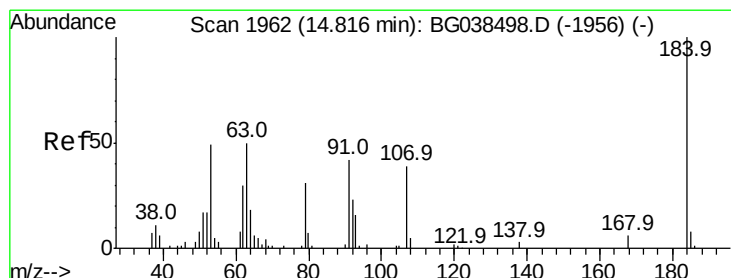
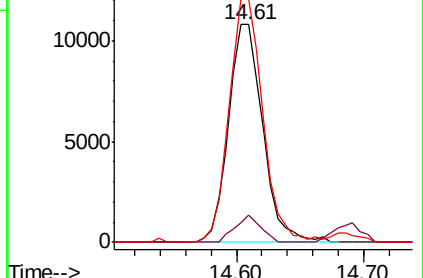
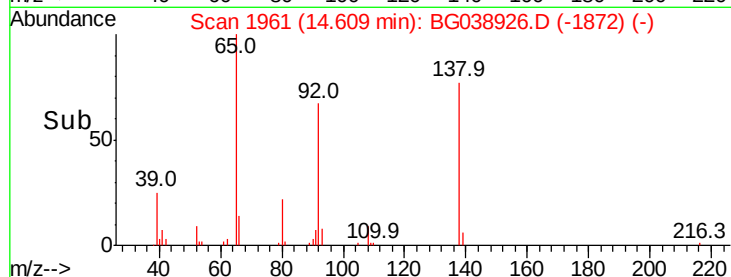
92 111.8 95.3 142.9



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: 36.497 ng

RT: 14.81 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

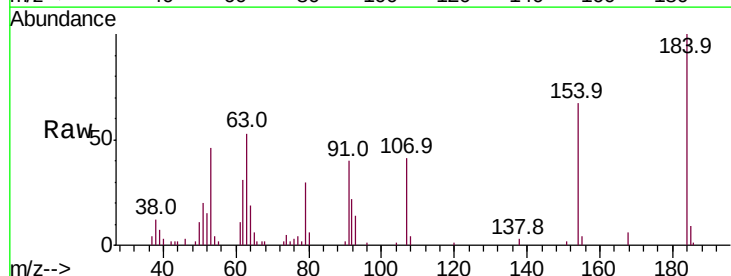
Tgt Ion:184 Resp: 24840

Ion Ratio Lower Upper

184 100

63 53.3 47.0 70.6

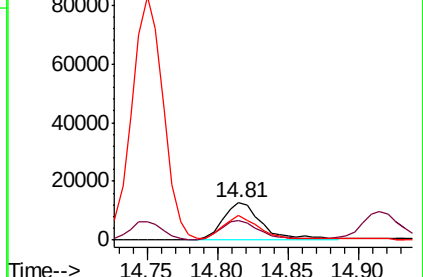
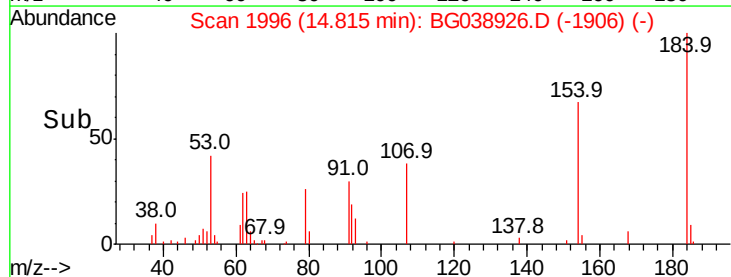
154 66.9 50.3 75.5

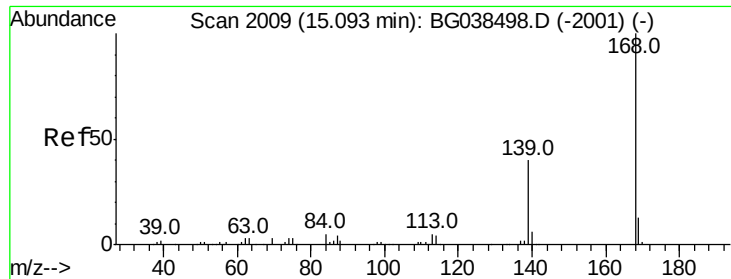


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

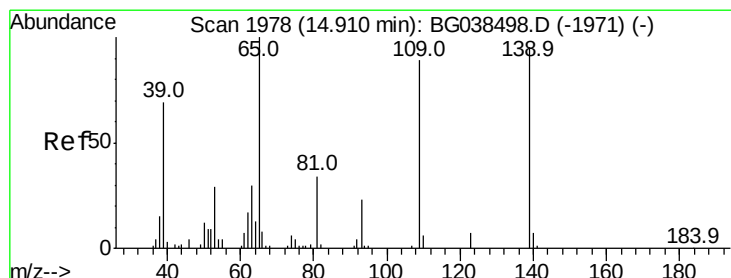
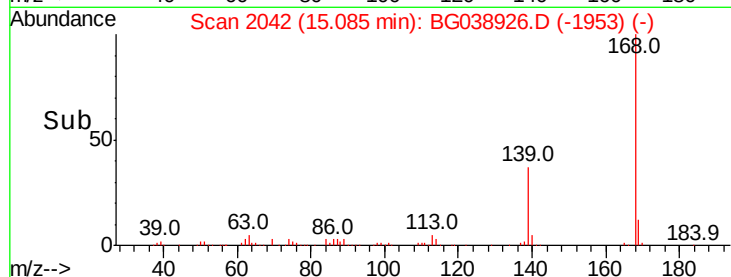
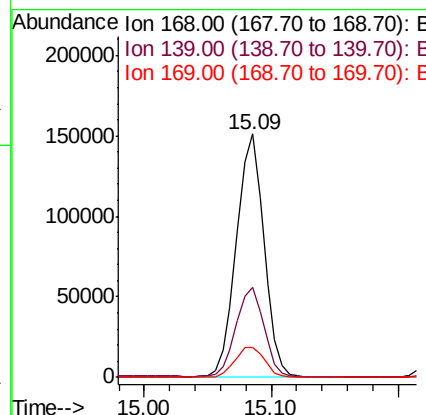
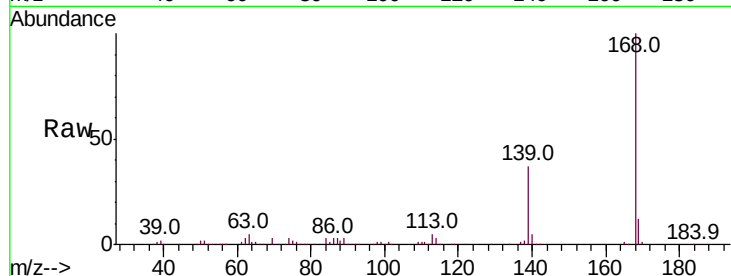




#55
Dibenzenofuran
Concen: 33.960 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

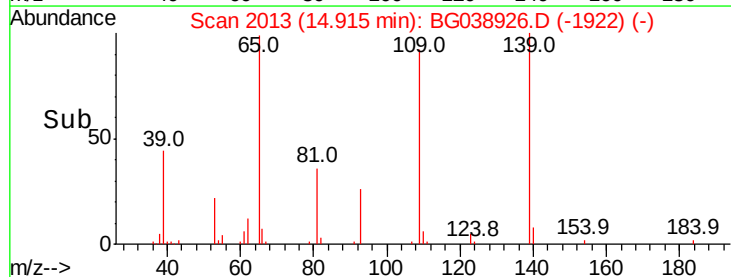
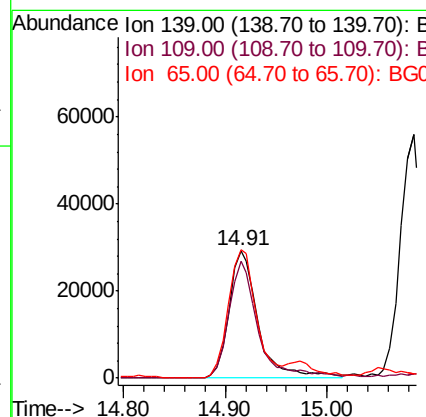
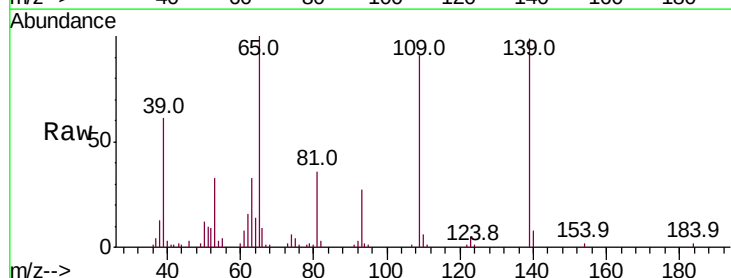
Instrument :
BNA_G
ClientSampleId :
PB116135BS

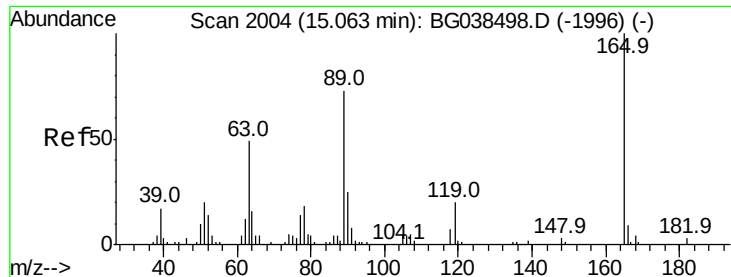
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	32.2	48.2
169	12.5	10.6	16.0



#56
4-Nitrophenol
Concen: 60.386 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.0	73.6	113.6
65	100.6	84.8	124.8

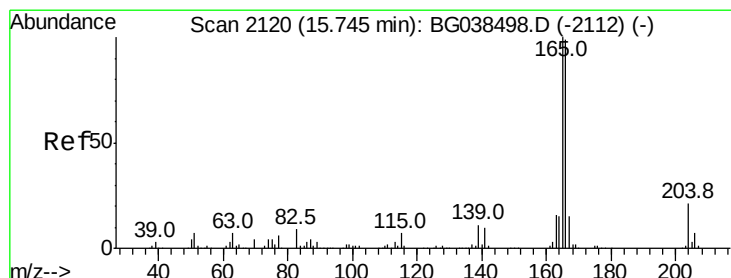
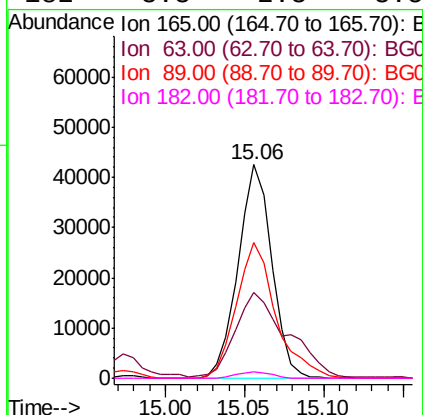
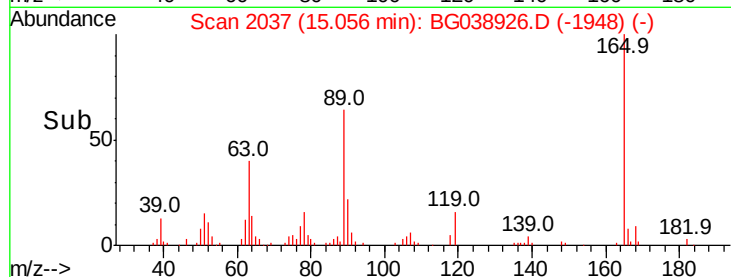
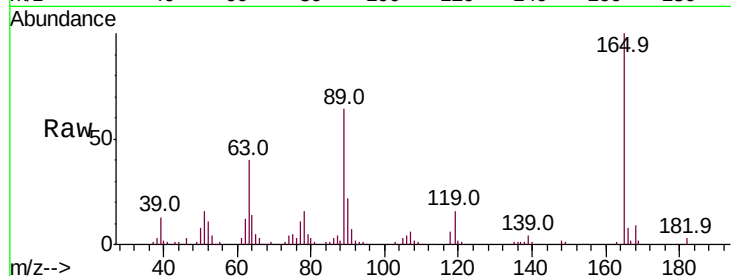




#57
2,4-Dinitrotoluene
Concen: 35.619 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

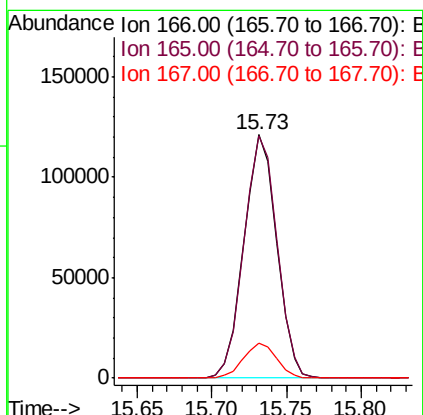
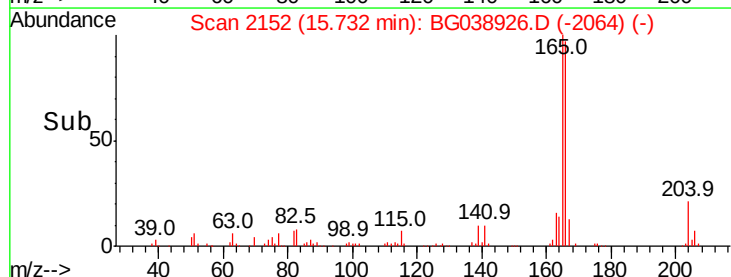
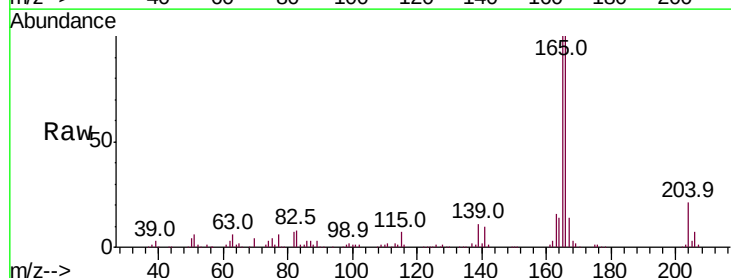
Instrument :
BNA_G
ClientSampleId :
PB116135BS

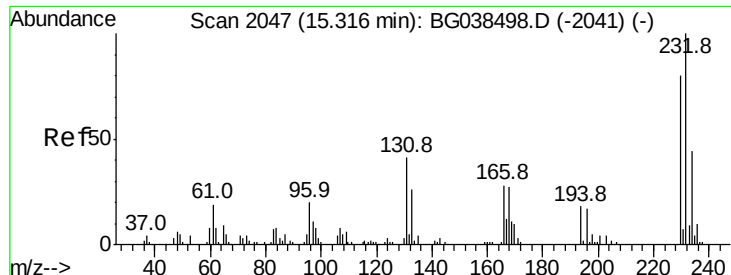
Tot Ion:165 Resp: 62547
Ion Ratio Lower Upper
165 100
63 40.5 39.0 58.4
89 63.6 58.0 87.0
182 3.3 2.3 3.5



#58
Fluorene
Concen: 37.080 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

Tgt Ion:166 Resp: 183649
Ion Ratio Lower Upper
166 100
165 99.6 80.6 120.8
167 14.2 12.0 18.0

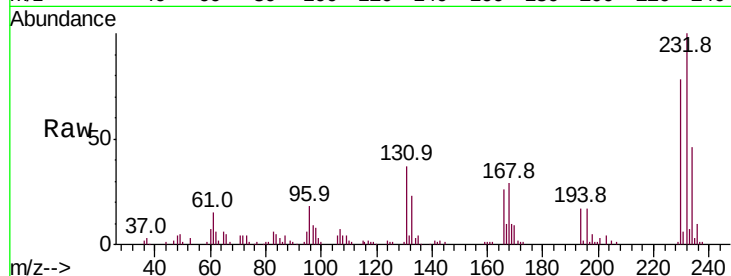




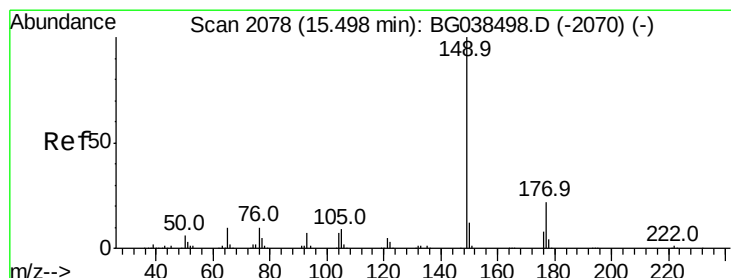
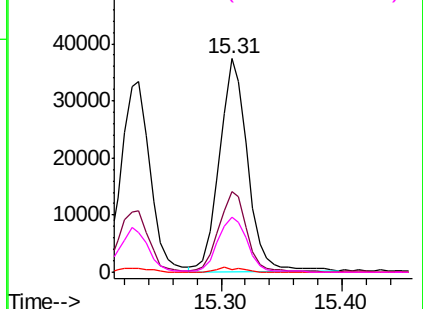
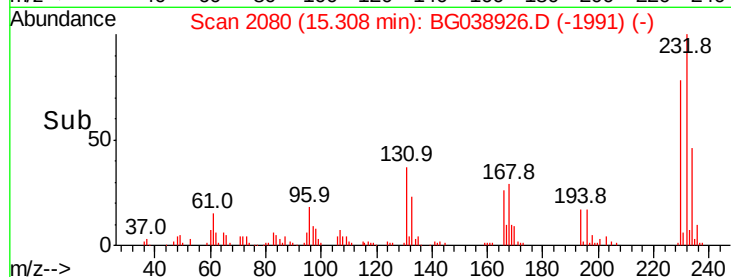
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.427 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

Tot Ion:	232	Resp:	59627
Ion	Ratio	Lower	Upper
232	100		
131	38.3	33.0	49.4
130	2.2	2.0	3.0
166	26.0	23.1	34.7

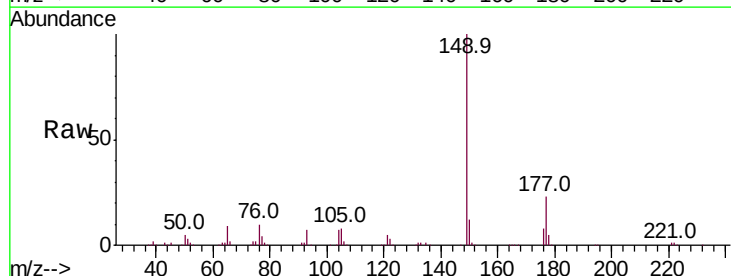


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

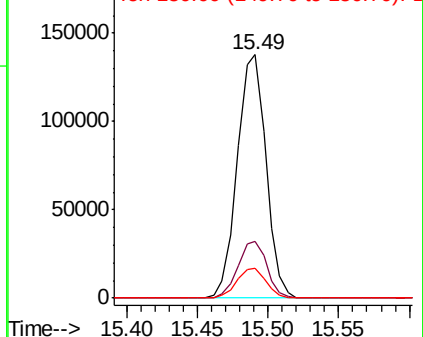
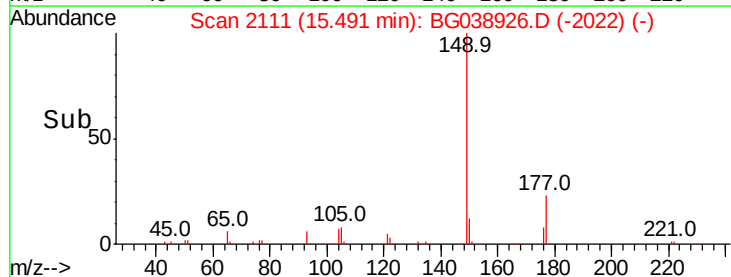


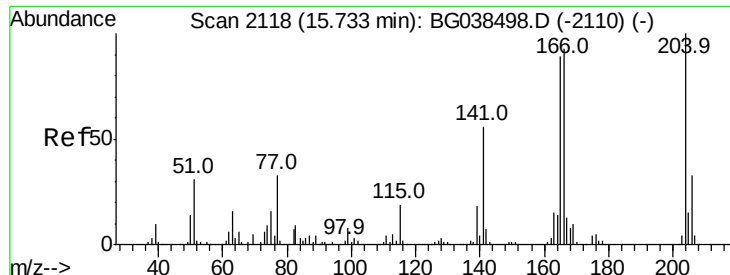
#60
 Diethylphthalate
 Concen: 32.430 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

Tgt Ion:	149	Resp:	195863
Ion	Ratio	Lower	Upper
149	100		
177	23.5	17.7	26.5
150	12.4	9.9	14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

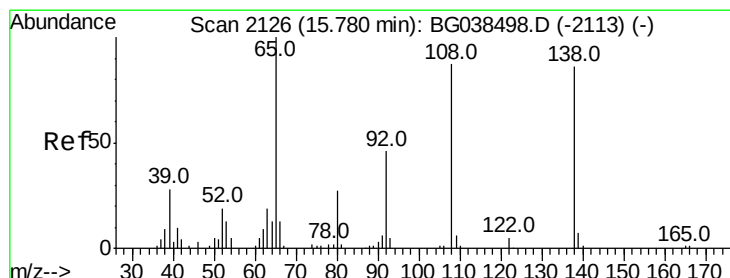
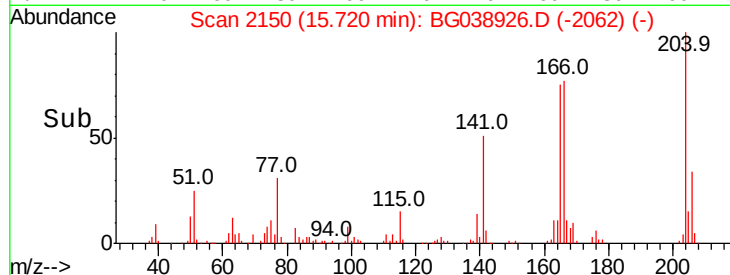
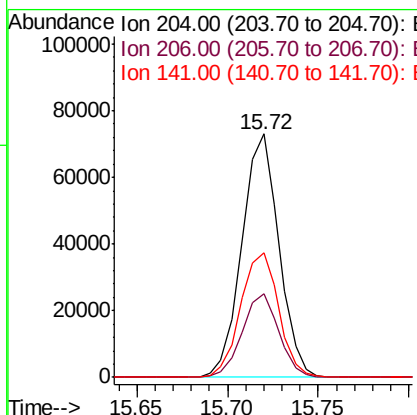
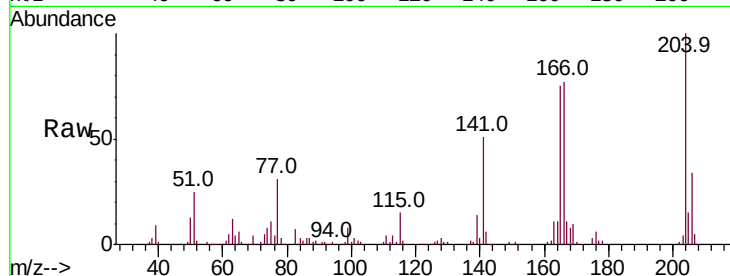




#61
 4-Chlorophenyl-phenylether
 Concen: 33.500 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

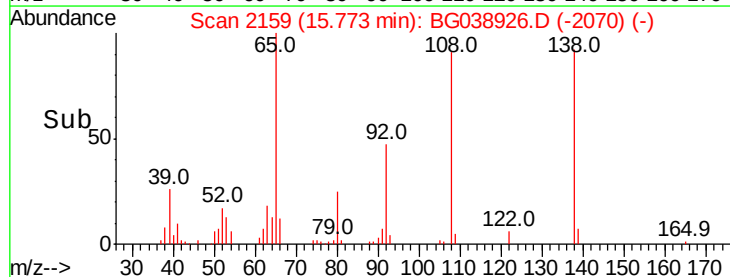
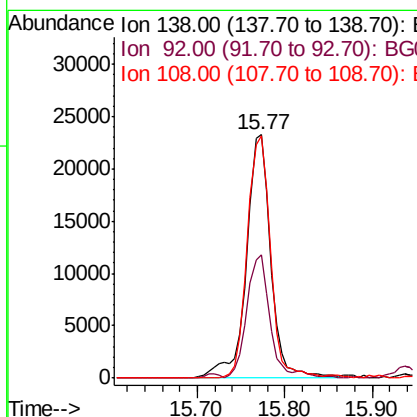
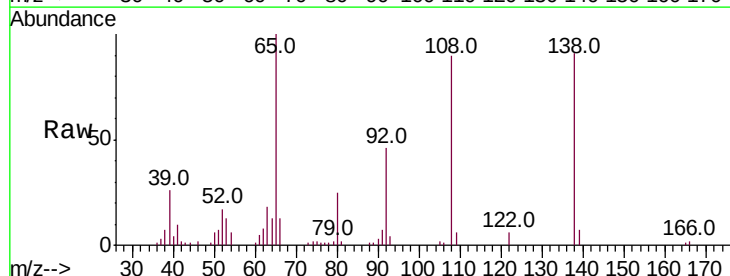
Instrument :
 BNA_G
 ClientSampleID :
 PB116135BS

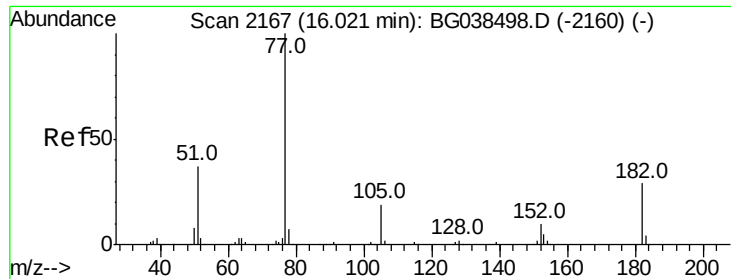
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.0	39.0
141	51.0	44.4	66.6



#62
 4-Nitroaniline
 Concen: 33.476 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	33.3	73.3
108	99.6	81.4	121.4





#63

Azobenzene

Concen: 31.074 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

PB116135BS

Tot Ion: 77 Resp: 156781

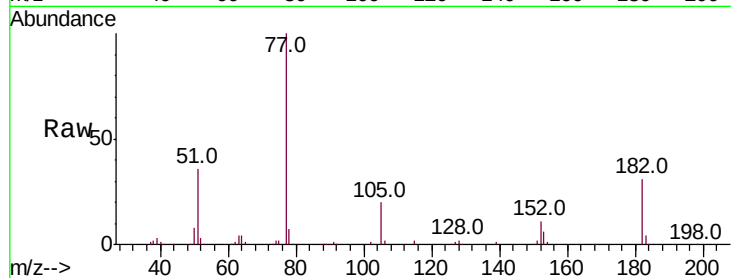
Ion Ratio Lower Upper

77 100

182 30.6 8.7 48.7

105 19.6 0.0 38.7

51 36.3 16.6 56.6

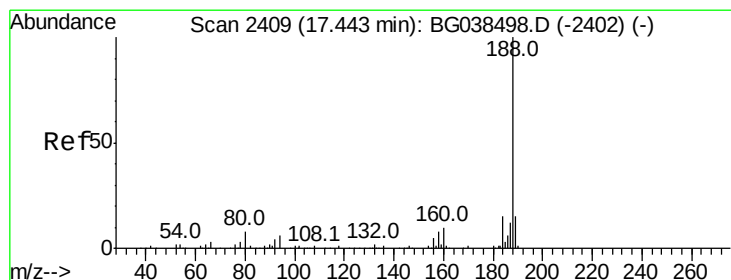
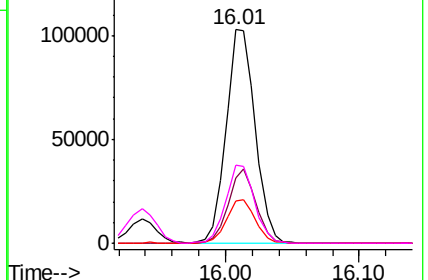
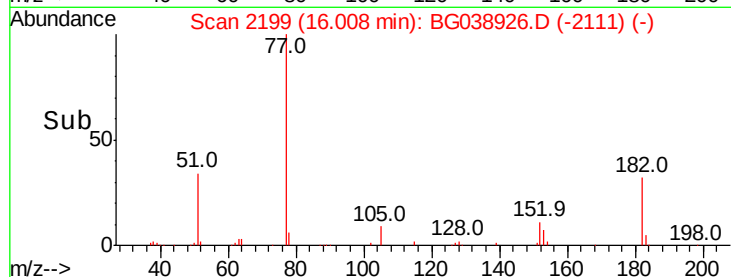


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

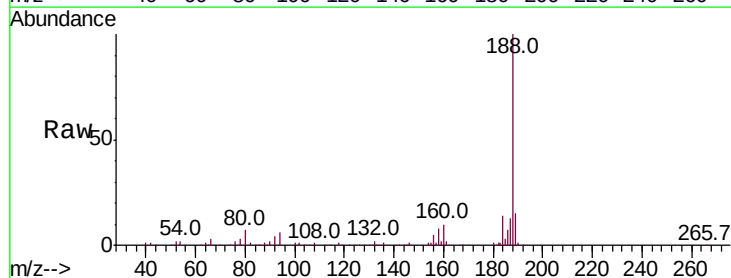
Tgt Ion: 188 Resp: 180902

Ion Ratio Lower Upper

188 100

94 6.4 5.1 7.7

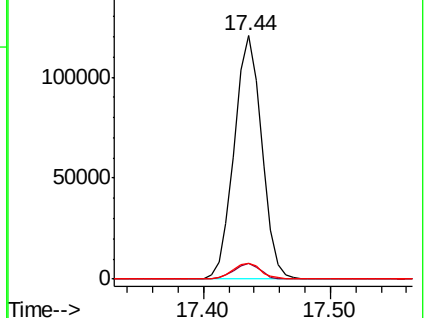
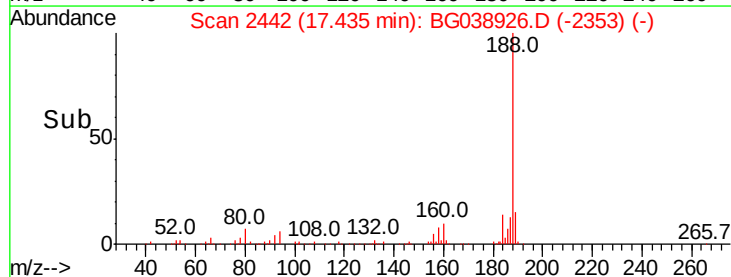
80 6.6 6.1 9.1

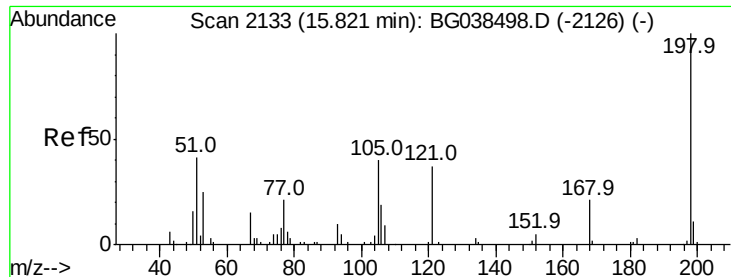


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

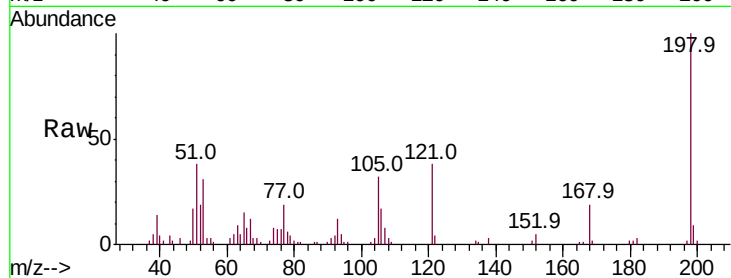




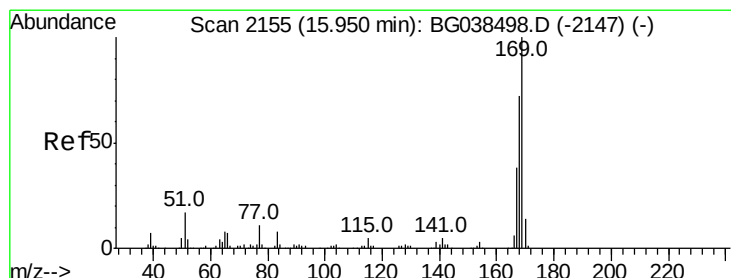
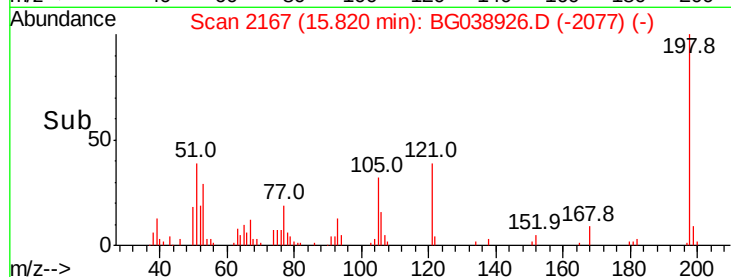
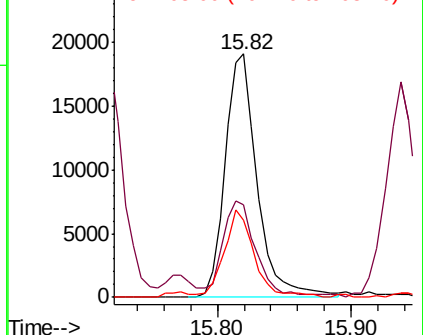
#65
4,6-Dinitro-2-methylphenol
Concen: 24.859 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

Instrument :
BNA_G
ClientSampleId :
PB116135BS

Tot Ion:198 Resp: 32080
Ion Ratio Lower Upper
198 100
51 38.1 28.6 68.6
105 31.6 20.4 60.4

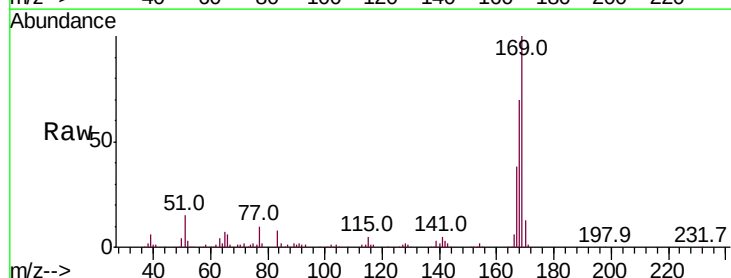


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

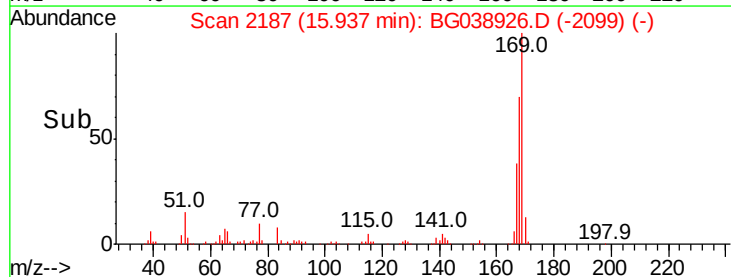
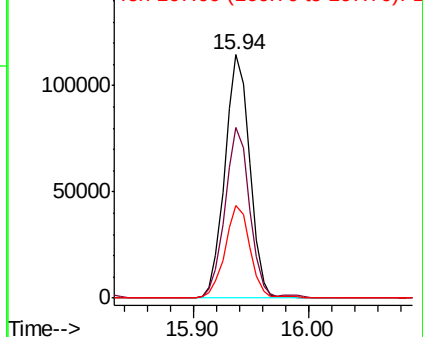


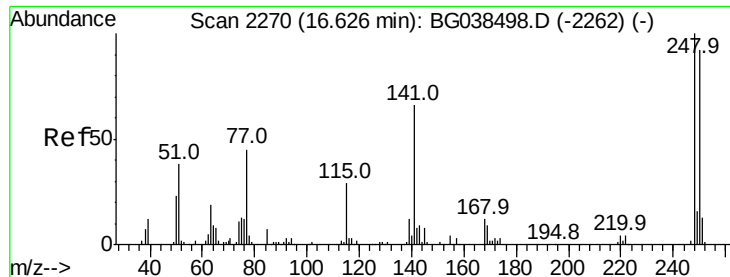
#66
n-Nitrosodiphenylamine
Concen: 32.111 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

Tgt Ion:169 Resp: 170679
Ion Ratio Lower Upper
169 100
168 70.3 57.5 86.3
167 37.9 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

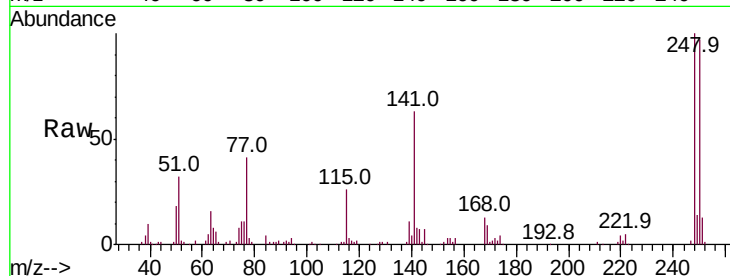




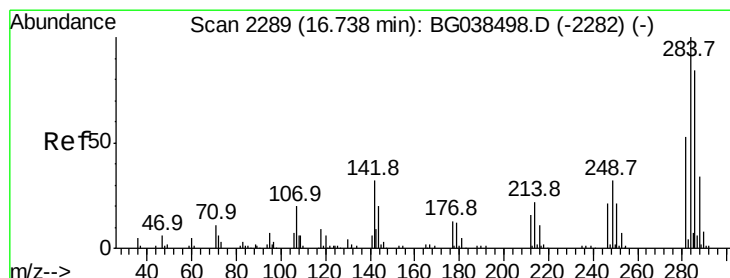
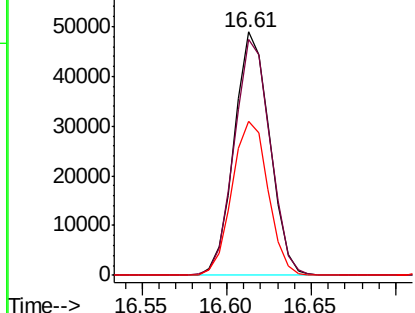
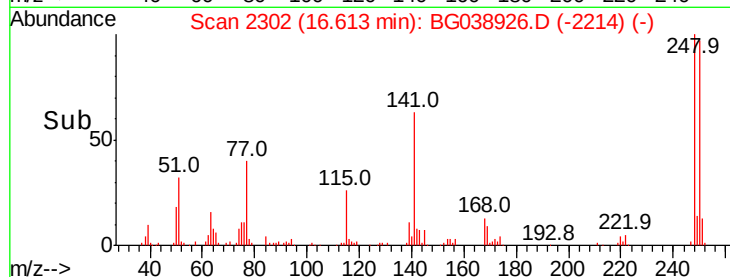
#67
 4-Bromophenyl-phenylether
 Concen: 32.295 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

Tot Ion:248 Resp: 71350
 Ion Ratio Lower Upper
 248 100
 250 96.9 73.4 110.2
 141 63.2 52.9 79.3

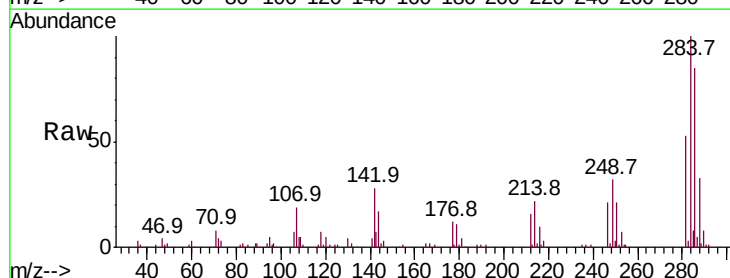


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

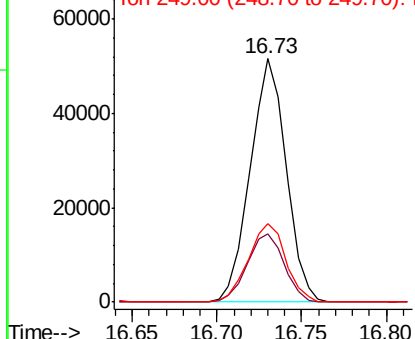
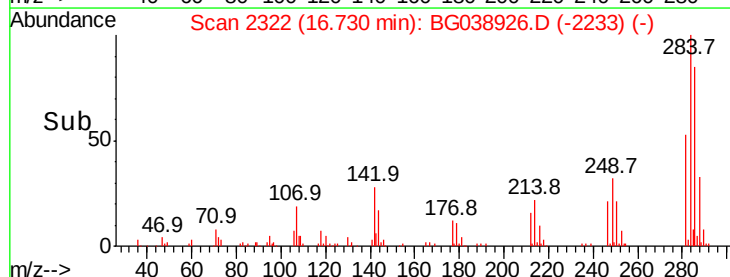


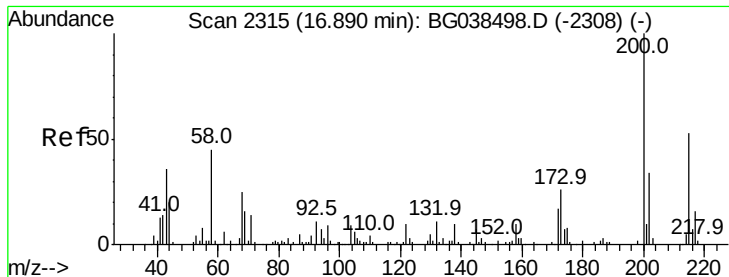
#68
 Hexachlorobenzene
 Concen: 33.296 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

Tgt Ion:284 Resp: 76255
 Ion Ratio Lower Upper
 284 100
 142 28.2 25.8 38.6
 249 35.0 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 36.576 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

PB116135BS

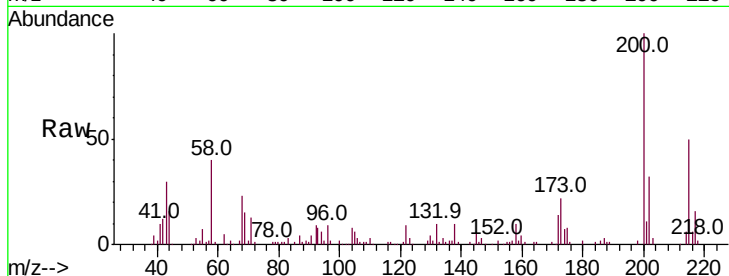
Tot Ion:200 Resp: 72149

Ion Ratio Lower Upper

200 100

173 21.9 5.9 45.9

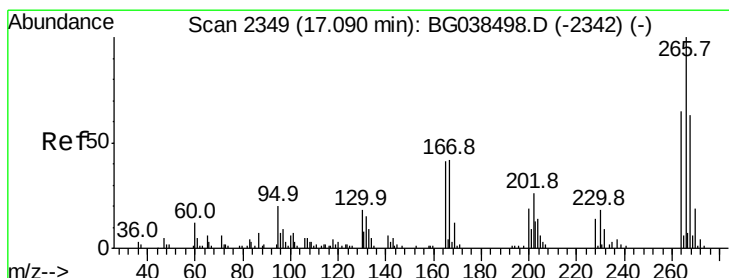
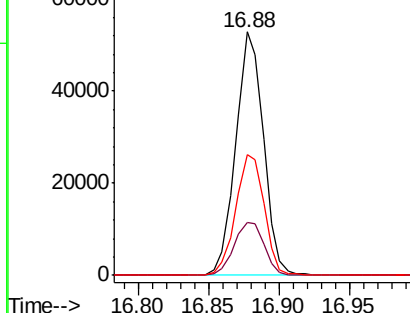
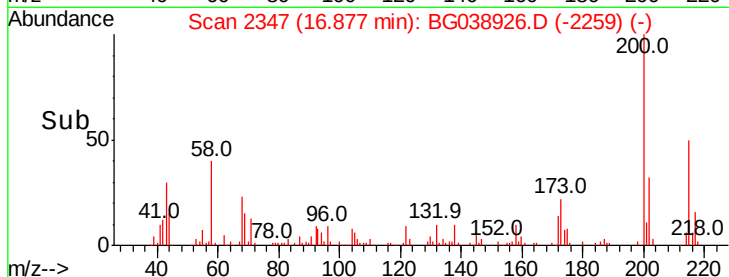
215 49.8 33.1 73.1



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: 56.910 ng

RT: 17.08 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

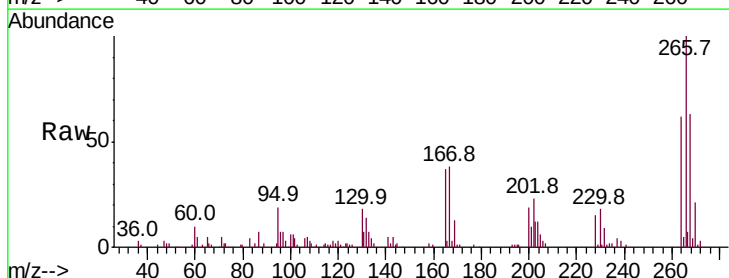
Tgt Ion:266 Resp: 77093

Ion Ratio Lower Upper

266 100

268 66.8 55.0 82.6

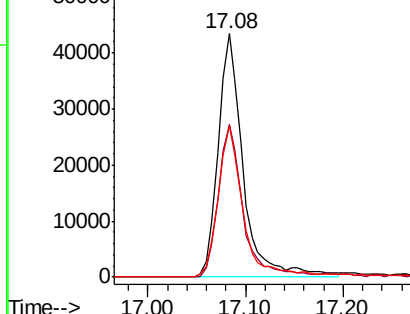
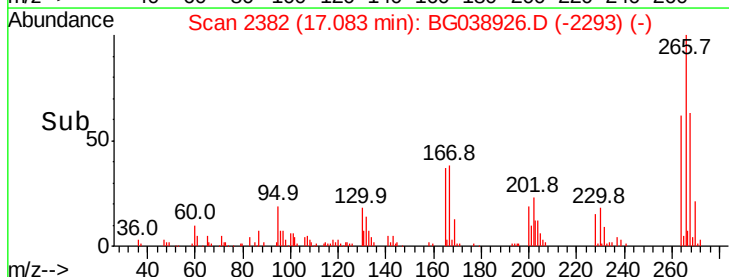
264 67.5 56.7 85.1

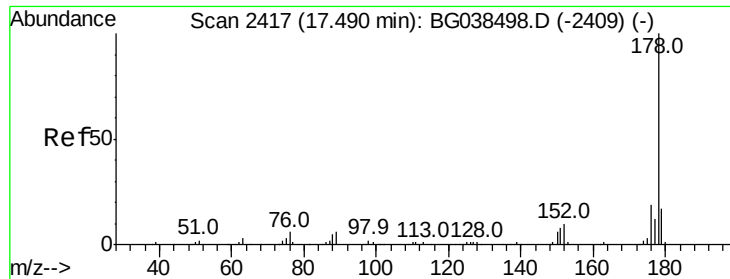


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

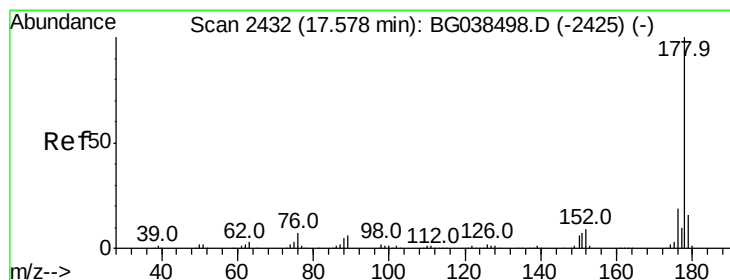
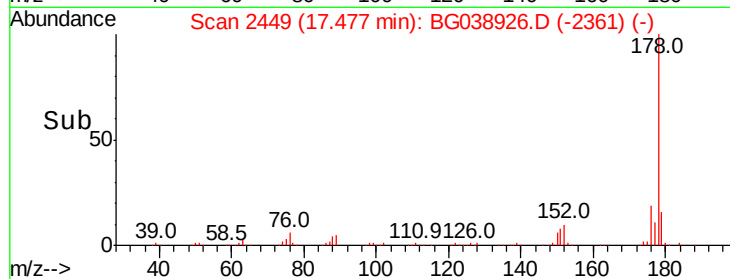
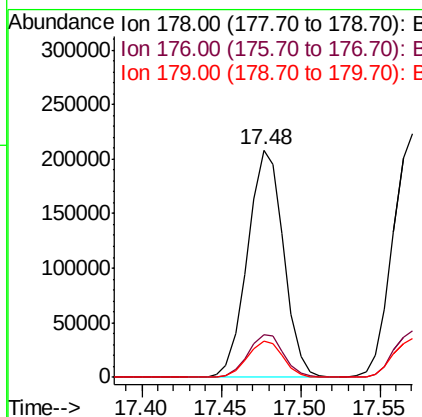
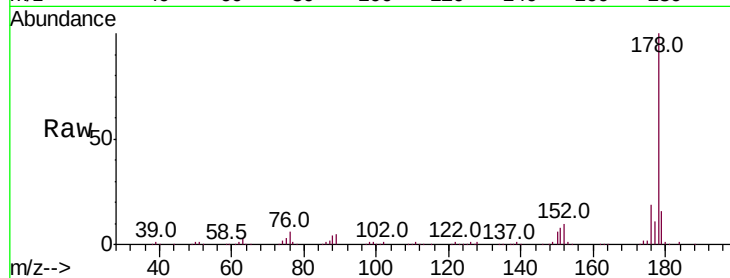




#71
 Phenanthrene
 Concen: 35.057 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

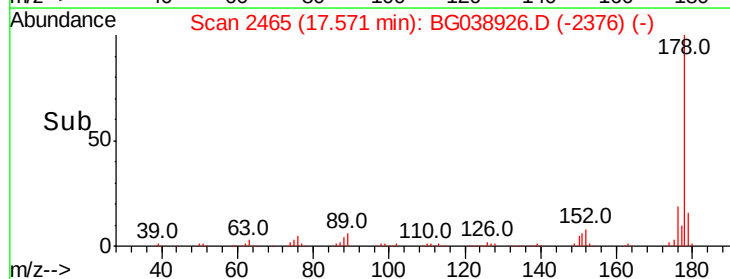
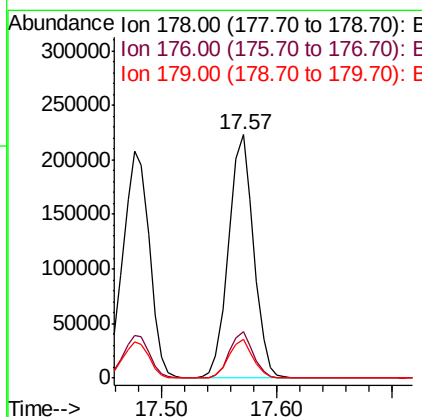
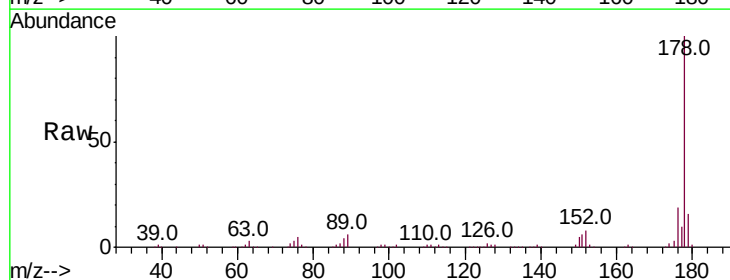
Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

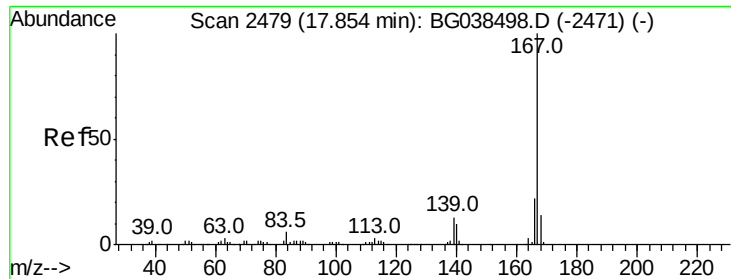
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	16.0	13.2	19.8



#72
 Anthracene
 Concen: 36.085 ng
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	16.0	12.9	19.3

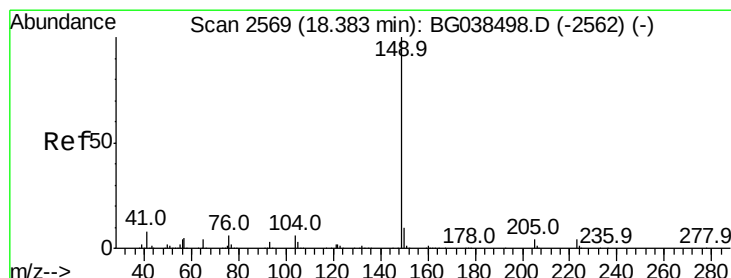
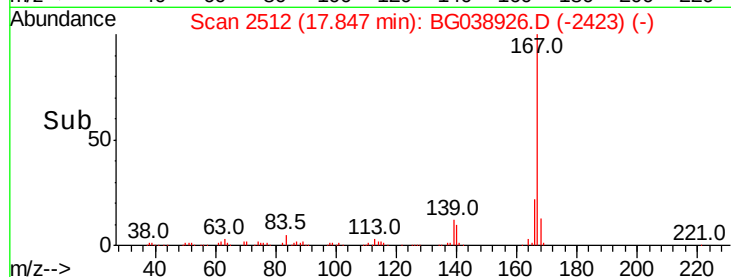
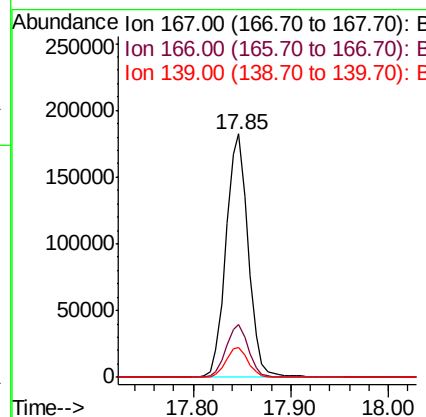
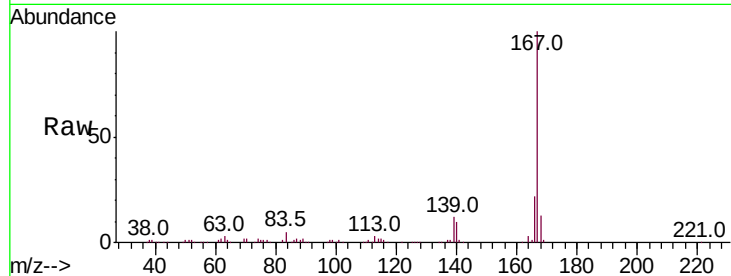




#73
 Carbazole
 Concen: 31.393 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

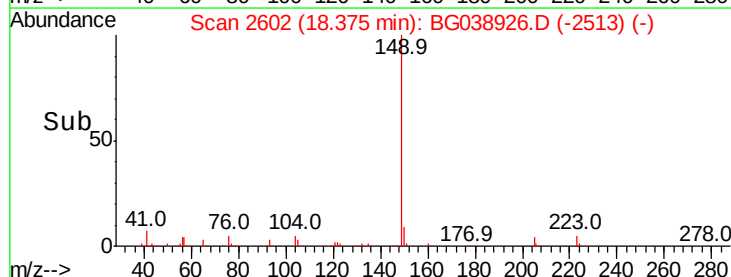
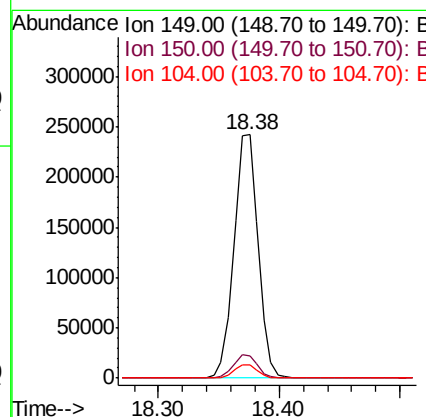
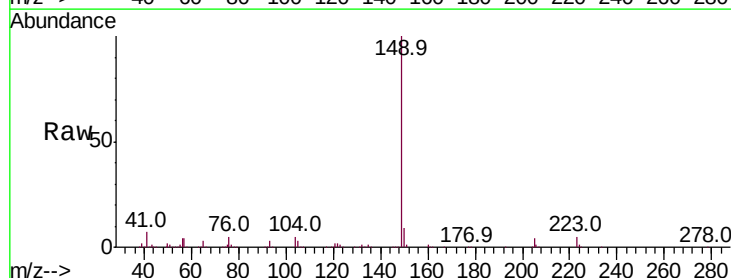
Instrument :
 BNA_G
 ClientSampleId :
 PB116135BS

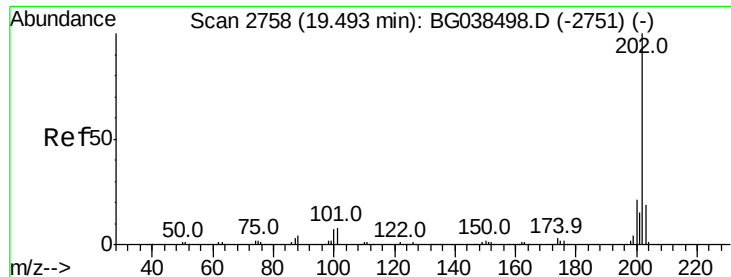
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.9	26.9
139	12.2	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 32.034 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.01 min
 Lab File: BG038926.D
 Acq: 4 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	5.3	5.0	7.4





#75

Fluoranthene

Concen: 35.026 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

PB116135BS

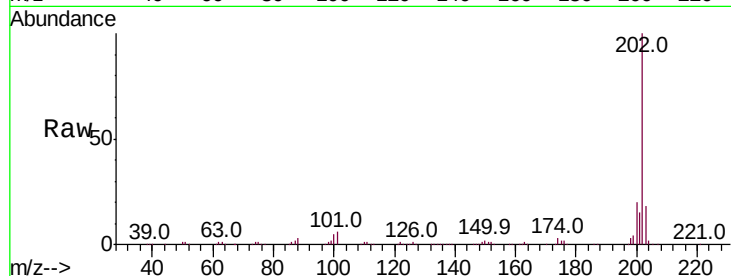
Tot Ion:202 Resp: 406537

Ion Ratio Lower Upper

202 100

101 6.4 0.0 28.1

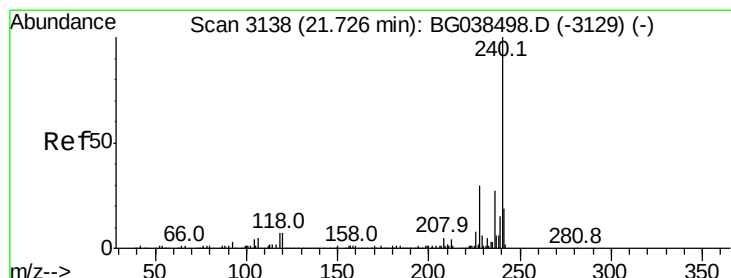
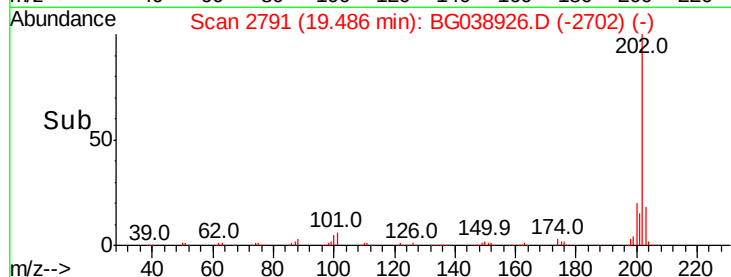
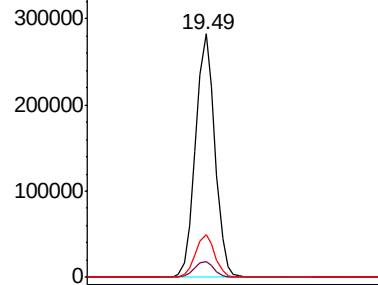
203 17.7 0.0 39.0



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: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

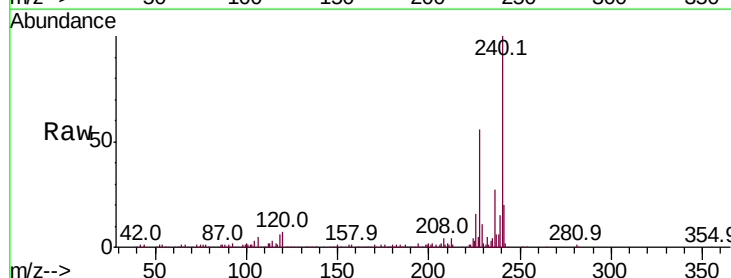
Tgt Ion:240 Resp: 181754

Ion Ratio Lower Upper

240 100

120 7.0 5.3 7.9

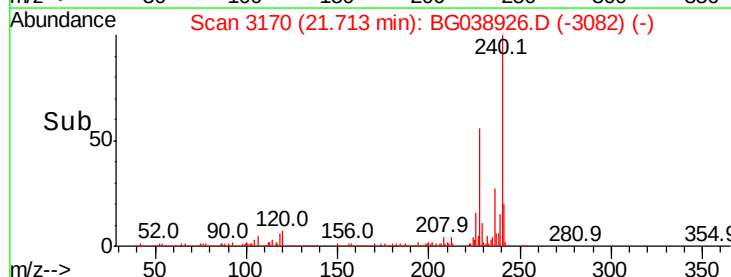
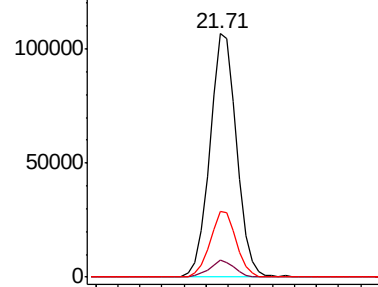
236 27.1 21.4 32.2

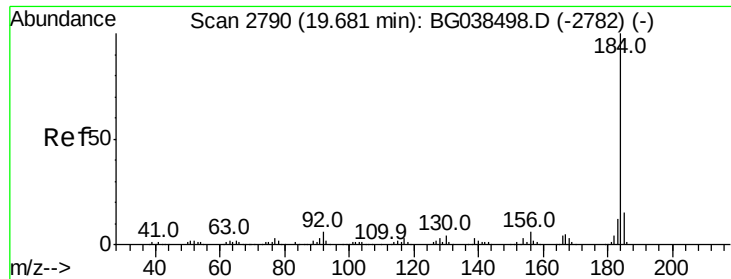


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.974 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

PB116135BS

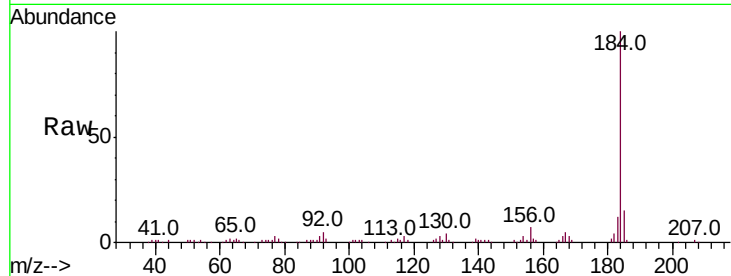
Tot Ion:184 Resp: 101987

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.2	18.2
183	11.9	9.6	14.4

184 100

185 15.4 12.2 18.2

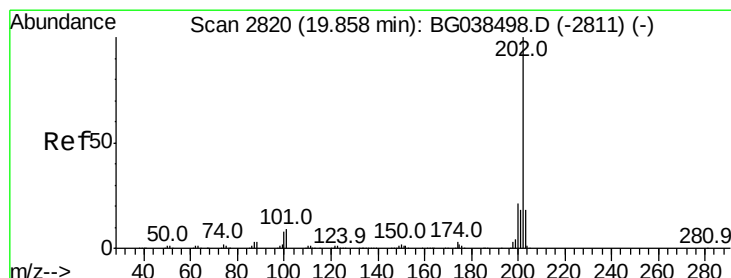
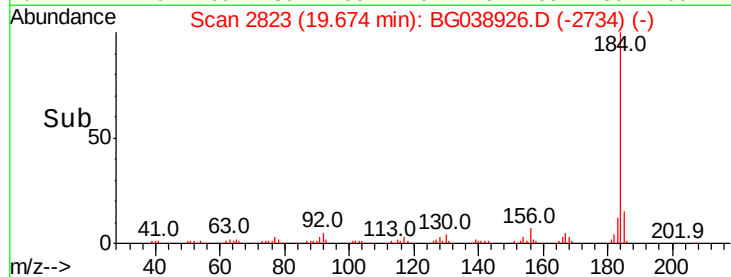
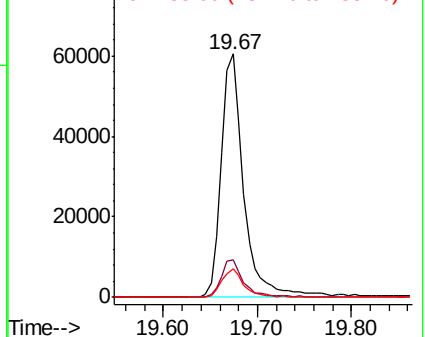
183 11.9 9.6 14.4



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: 33.751 ng

RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

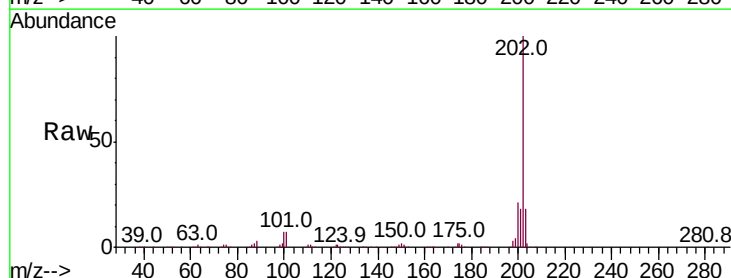
Tgt Ion:202 Resp: 405249

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.6	25.0
203	18.1	14.6	21.8

202 100

200 21.5 16.6 25.0

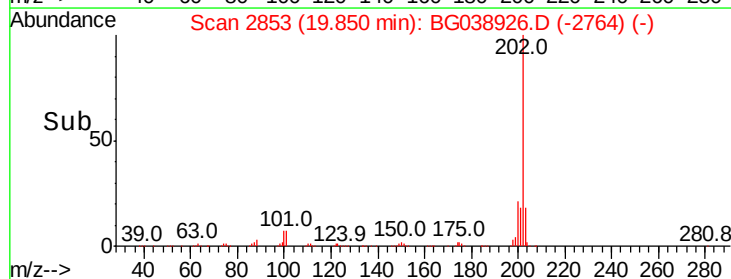
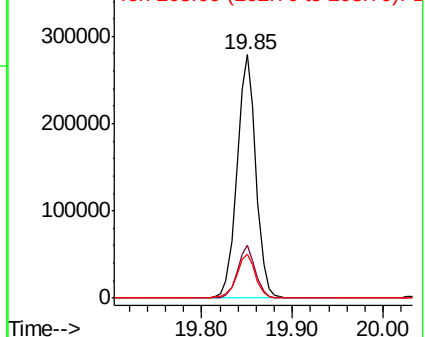
203 18.1 14.6 21.8

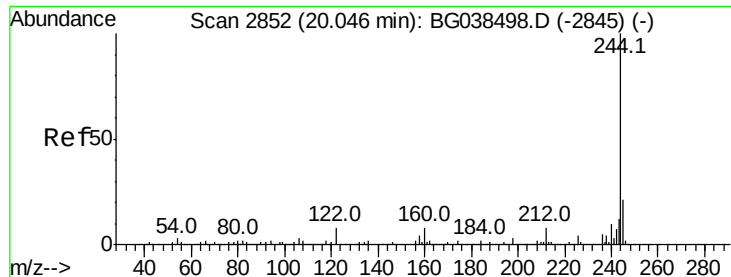


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.432 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

PB116135BS

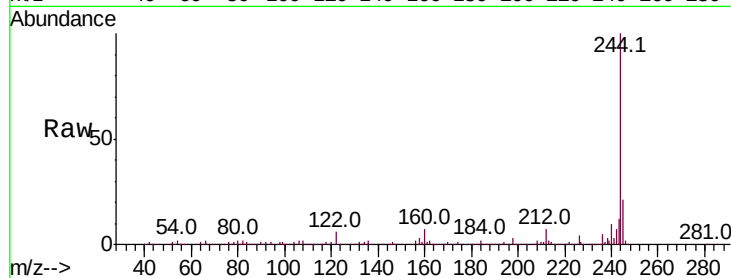
Tot Ion:244 Resp: 655015

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

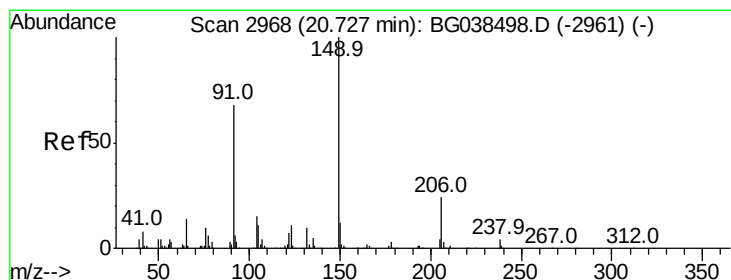
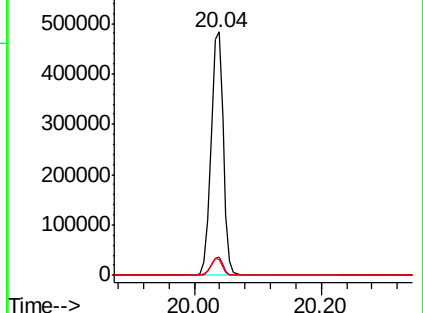
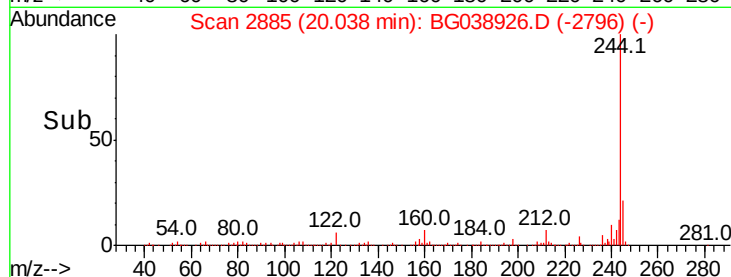
122 6.2 6.3 9.5#



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: 32.188 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

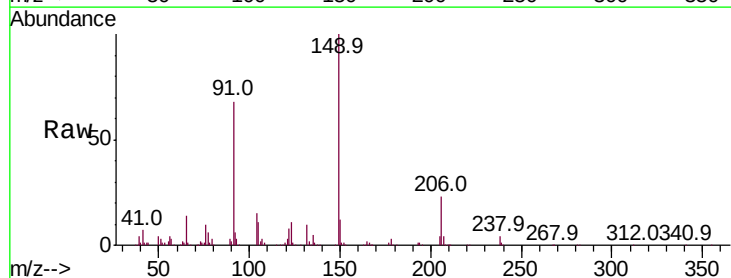
Tgt Ion:149 Resp: 150996

Ion Ratio Lower Upper

149 100

91 68.0 54.5 81.7

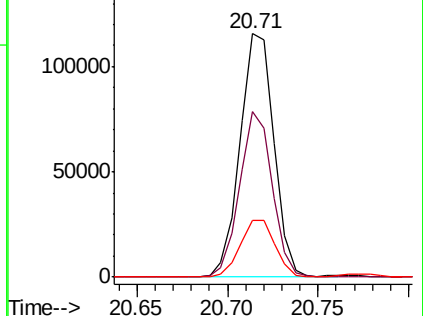
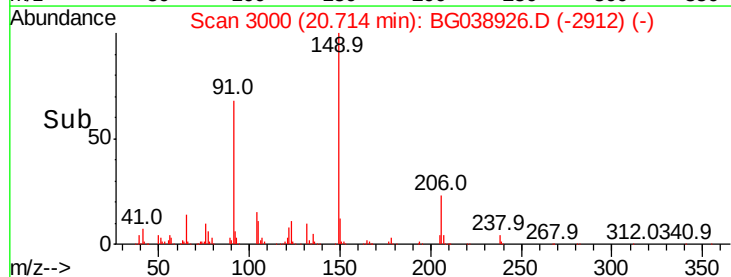
206 23.3 19.0 28.6

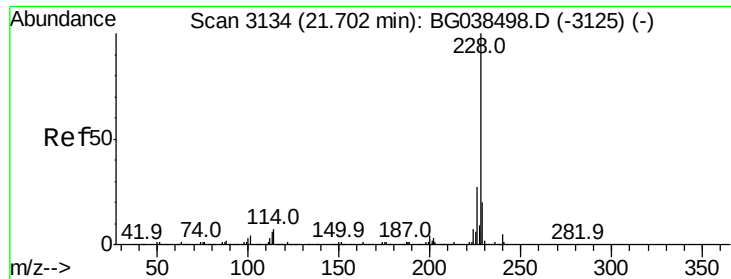


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.081 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

PB116135BS

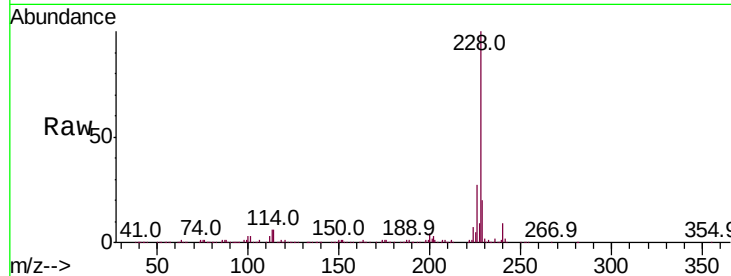
Tot Ion:228 Resp: 388523

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

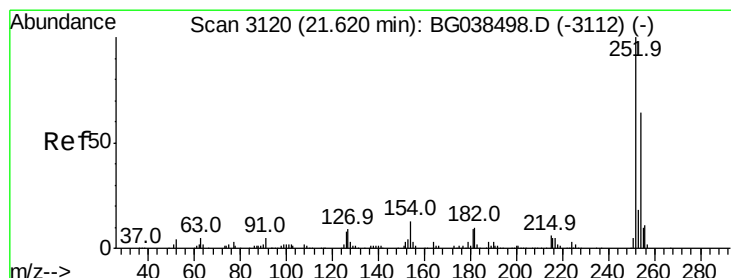
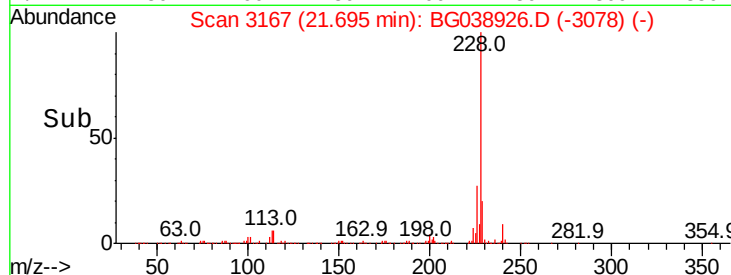
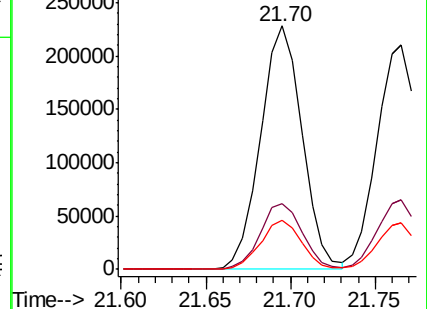
229 20.4 15.8 23.6



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: 16.864 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

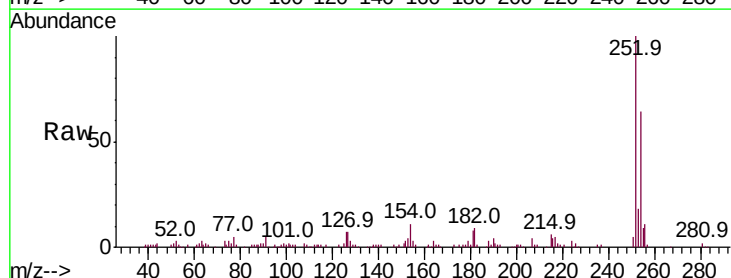
Tgt Ion:252 Resp: 74074

Ion Ratio Lower Upper

252 100

254 64.3 50.9 76.3

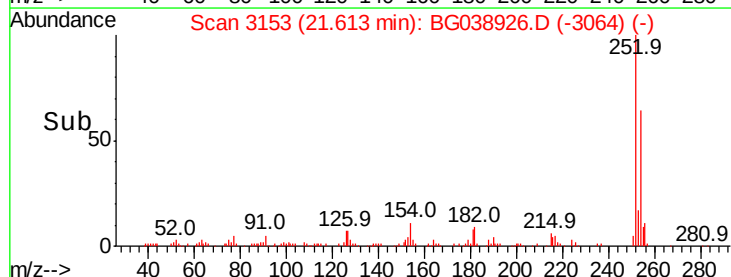
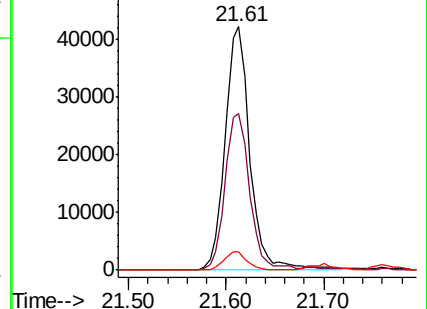
126 7.4 6.3 9.5

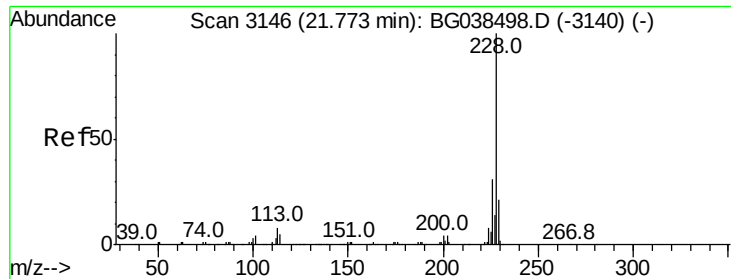


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 33.862 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

PB116135BS

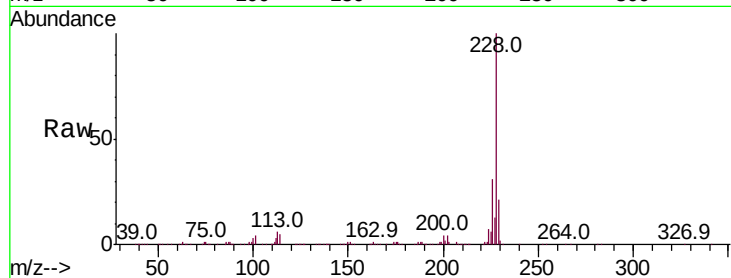
Tot Ion:228 Resp: 361222

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.4

229 20.8 16.5 24.7

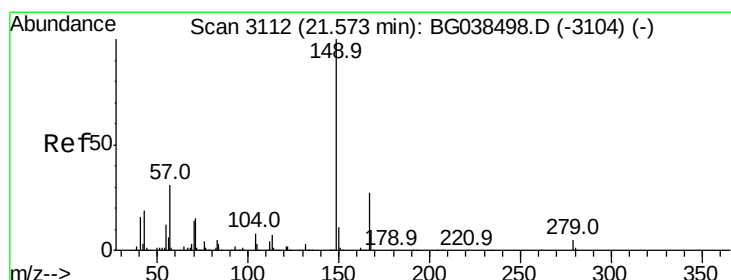
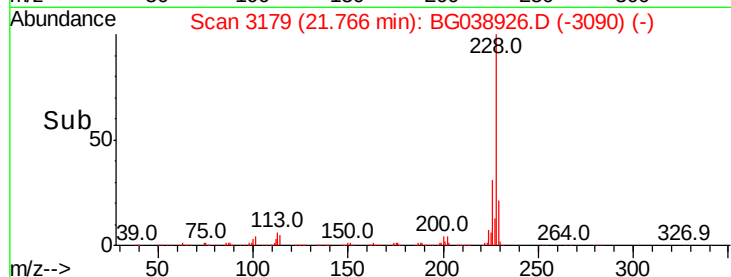
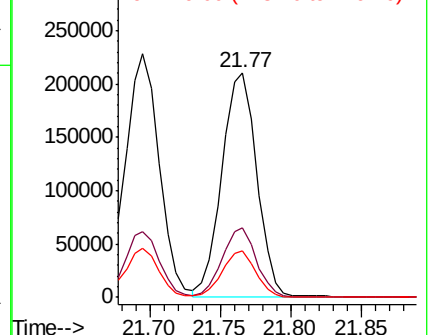


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 31.632 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

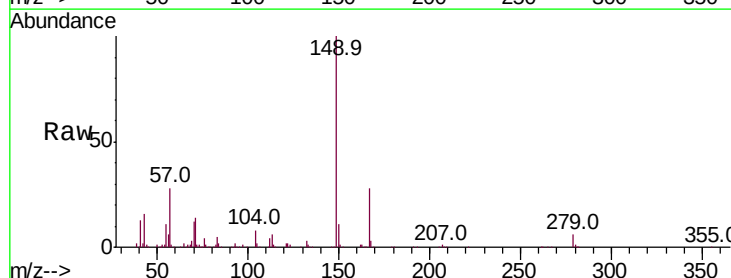
Tgt Ion:149 Resp: 210454

Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

279 5.6 4.2 6.2

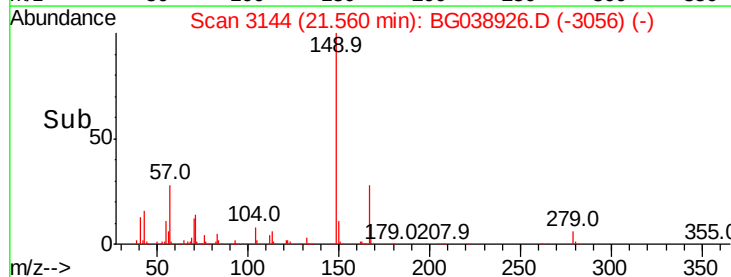
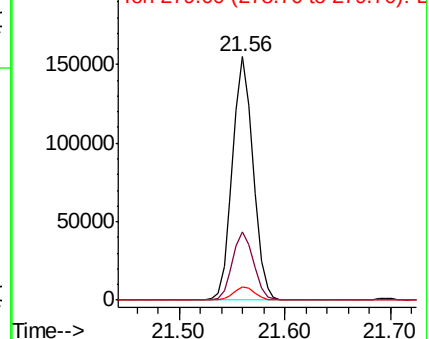


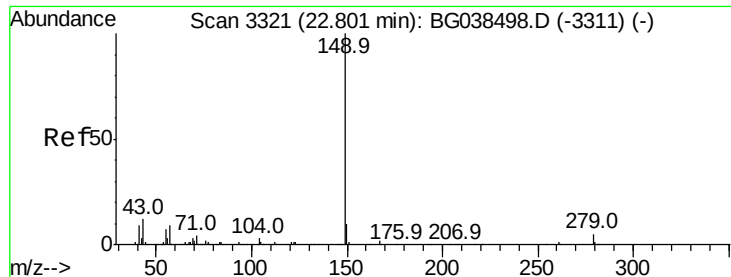
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

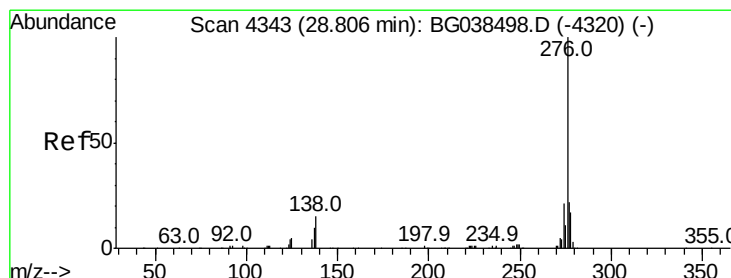
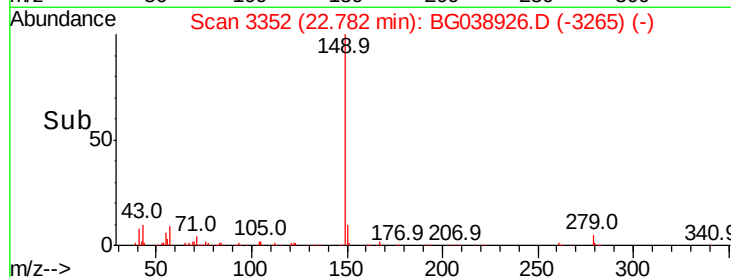
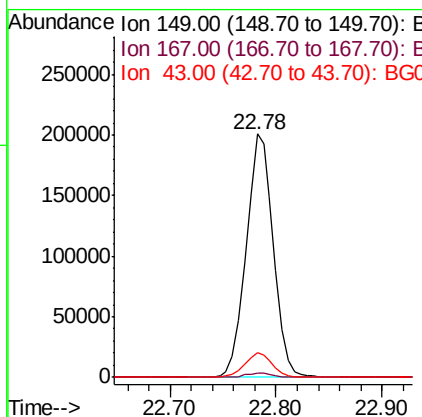
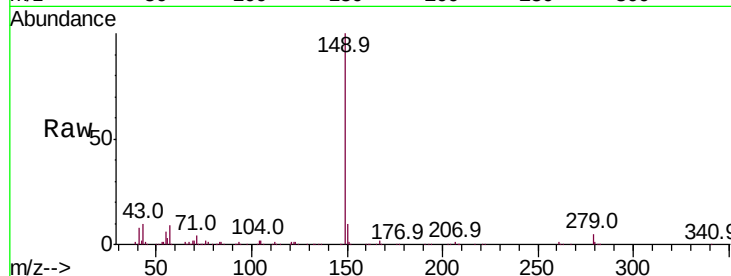




#85
Di-n-octyl phthalate
Concen: 32.058 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

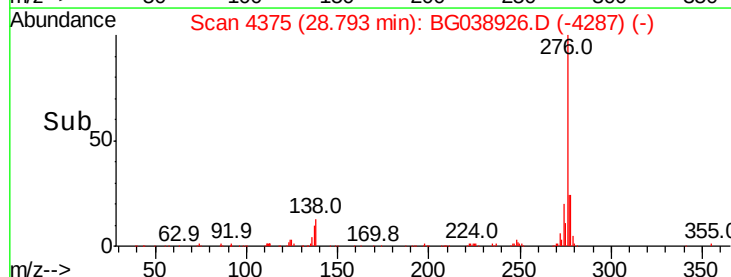
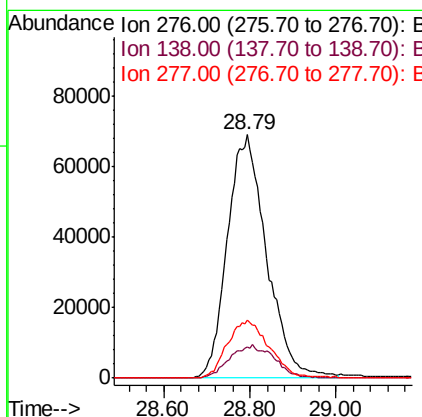
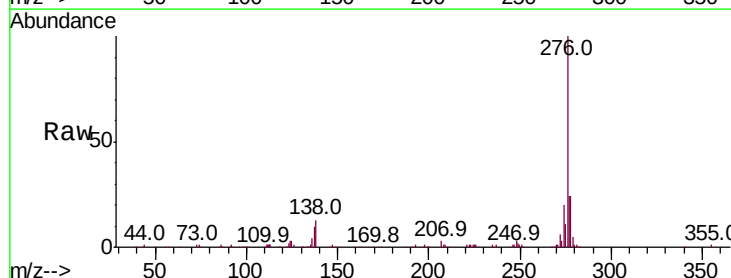
Instrument :
BNA_G
ClientSampled :
PB116135BS

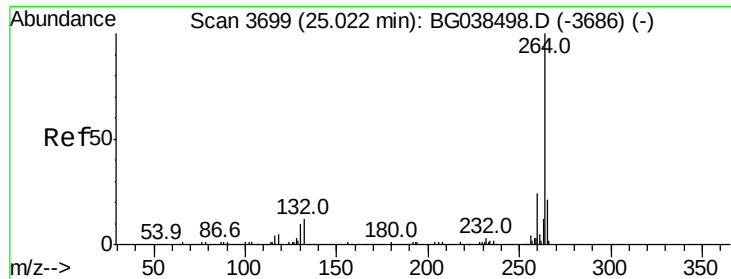
Tot Ion:149 Resp: 357209
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8#
43 9.9 9.3 13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.905 ng
RT: 28.79 min Scan# 4375
Delta R.T. -0.01 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

Tgt Ion:276 Resp: 437757
Ion Ratio Lower Upper
276 100
138 15.4 14.4 21.6
277 25.3 0.0 0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

PB116135BS

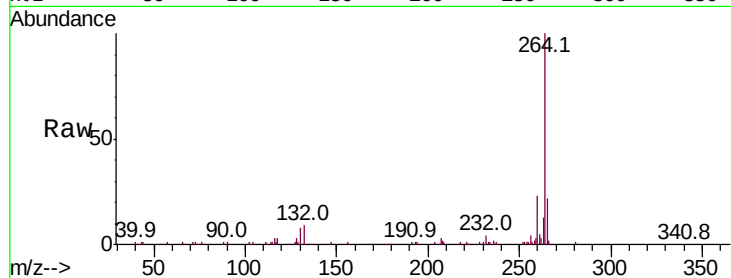
Tot Ion:264 Resp: 194173

Ion Ratio Lower Upper

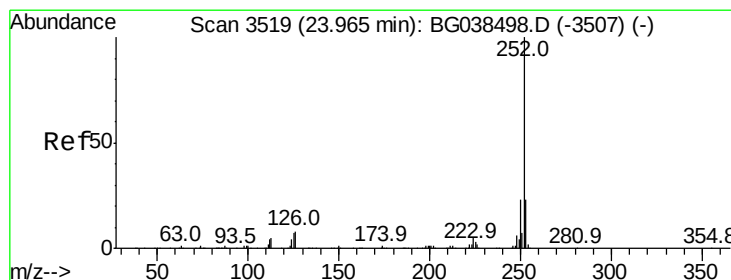
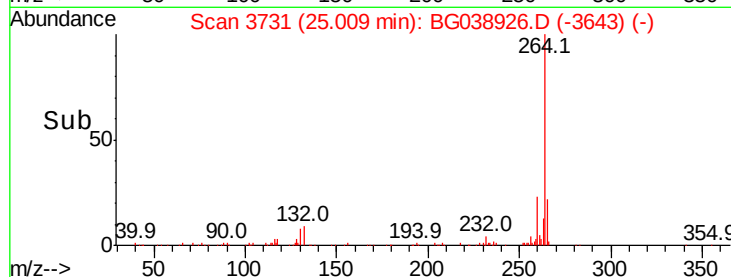
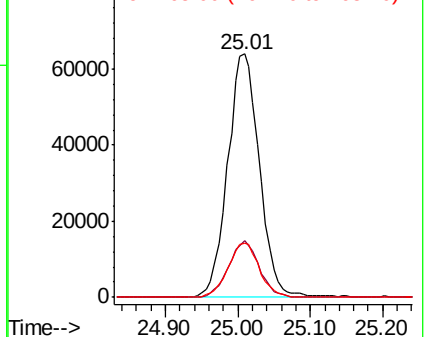
264 100

260 23.2 18.9 28.3

265 22.1 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: 35.902 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

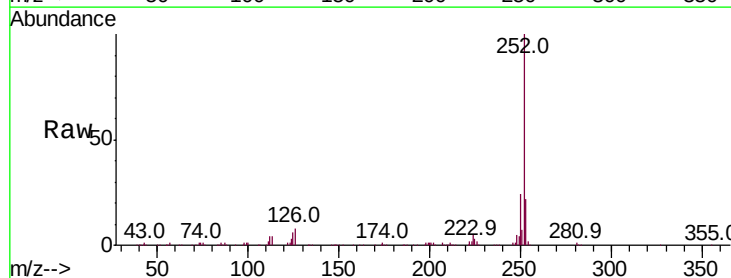
Tgt Ion:252 Resp: 382752

Ion Ratio Lower Upper

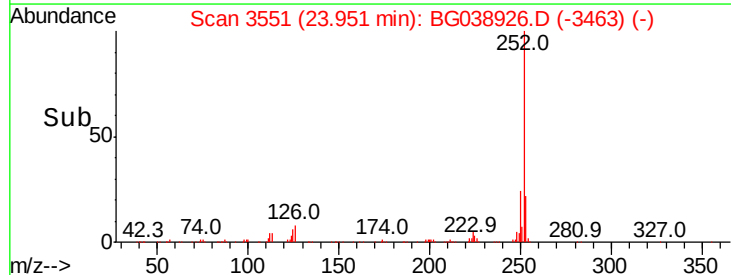
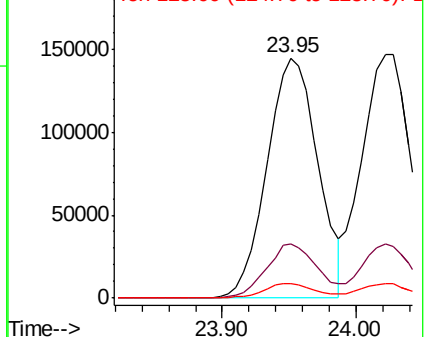
252 100

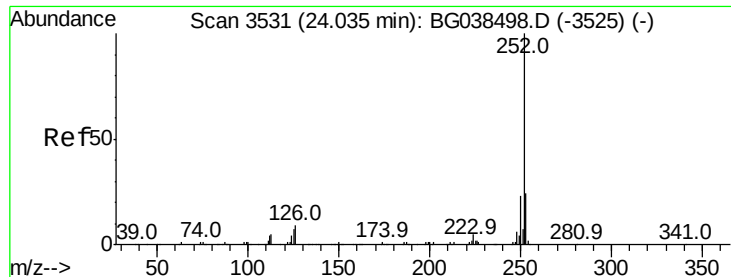
253 22.3 18.1 27.1

125 5.9 5.5 8.3



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

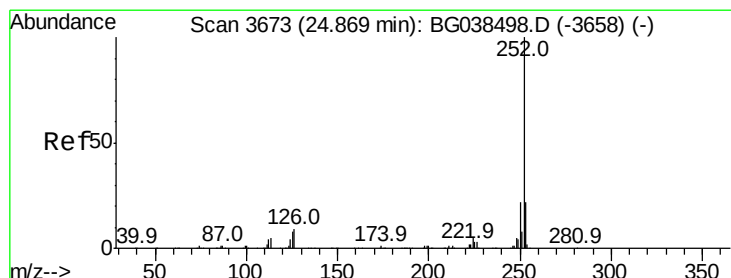
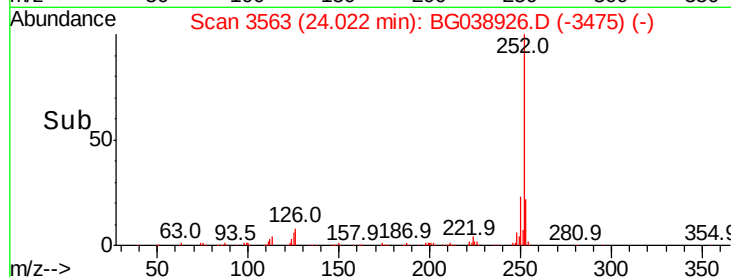
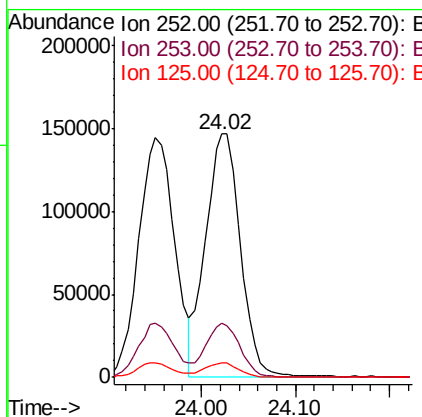
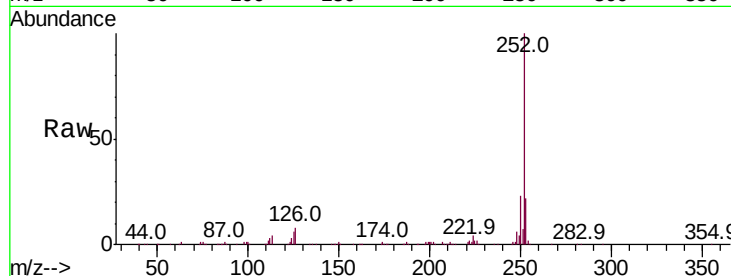




#89
Benzo(k)fluoranthene
Concen: 35.619 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

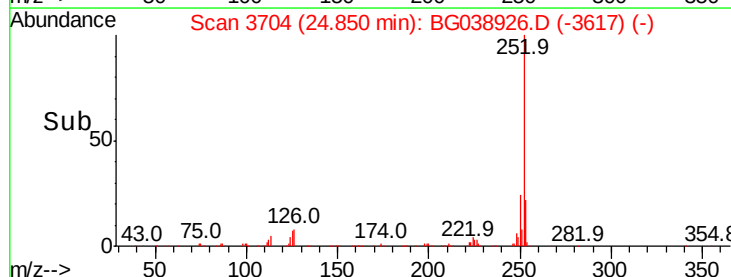
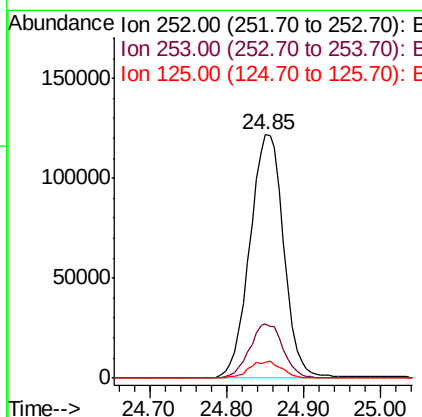
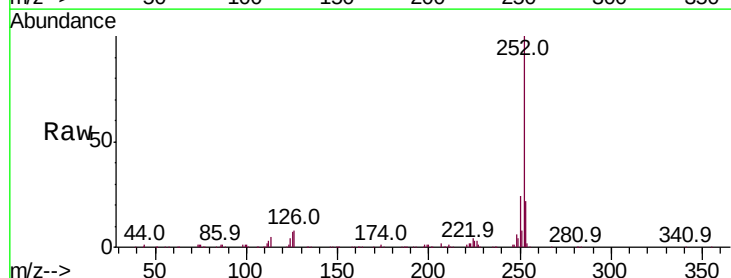
Instrument :
BNA_G
ClientSampleId :
PB116135BS

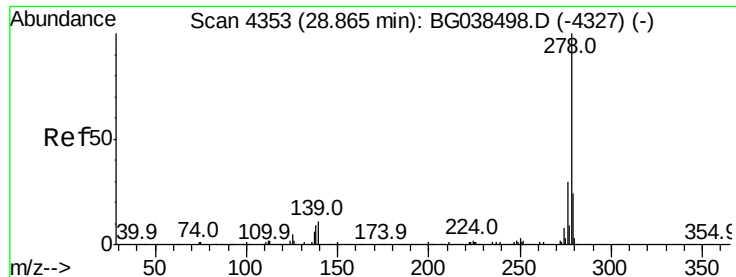
Tot Ion:252 Resp: 378134
Ion Ratio Lower Upper
252 100
253 22.0 18.9 28.3
125 5.8 5.4 8.2



#90
Benzo(a)pyrene
Concen: 36.395 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG038926.D
Acq: 4 Jan 2019 11:39

Tgt Ion:252 Resp: 374319
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 6.7 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 35.310 ng

RT: 28.85 min Scan# 4384

Delta R.T. -0.02 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

Instrument :

BNA_G

ClientSampleId :

PB116135BS

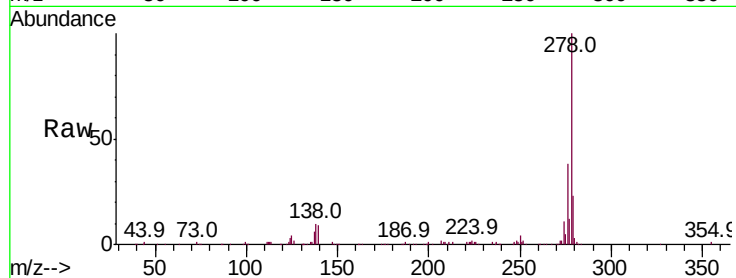
Tot Ion:278 Resp: 361593

Ion Ratio Lower Upper

278 100

139 9.5 8.6 12.8

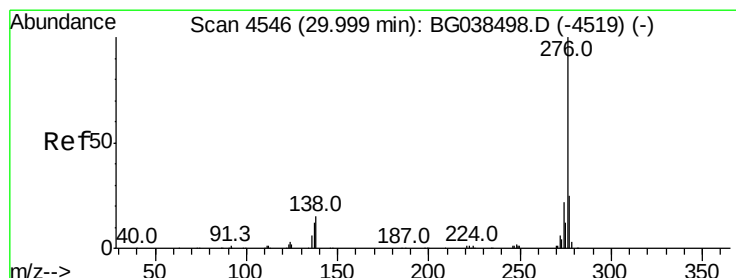
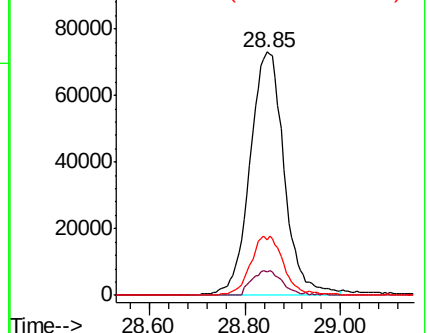
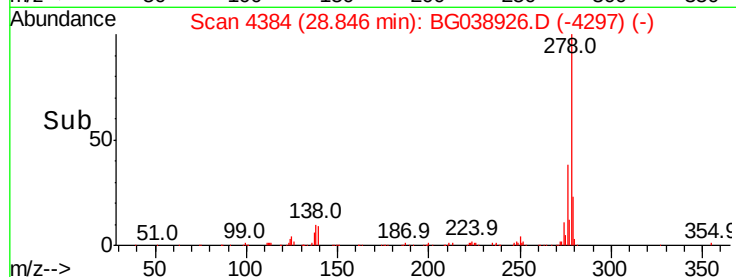
279 23.0 19.0 28.6



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: 36.291 ng

RT: 29.98 min Scan# 4577

Delta R.T. -0.02 min

Lab File: BG038926.D

Acq: 4 Jan 2019 11:39

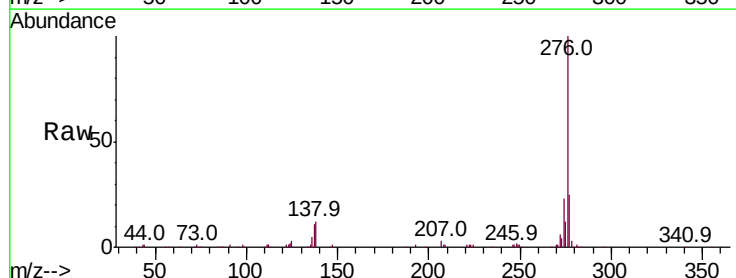
Tgt Ion:276 Resp: 366248

Ion Ratio Lower Upper

276 100

277 24.6 19.8 29.8

138 12.4 11.8 17.6



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

