

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG039003.D
 Acq On : 8 Jan 2019 21:10
 Operator : JU/SJ
 Sample : K1074-13MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W12-7MSD

Quant Time: Jan 09 02:50:05 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	25506	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	108418	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	79163	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	192325	20.00	ng	0.00
76) Chrysene-d12	21.71	240	199259	20.00	ng	-0.01
87) Perylene-d12	25.00	264	215316	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	137065	95.31	ng	0.00
7) Phenol-d6	7.21	99	201049	101.84	ng	0.00
23) Nitrobenzene-d5	9.22	82	111124	52.36	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	117436	107.64	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	327808	56.81	ng	-0.02
79) Terphenyl-d14	20.03	244	614384	67.10	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.48	88	12908	19.286	ng	96
3) Pyridine	3.89	79	25668	13.930	ng	93
4) n-Nitrosodimethylamine	3.81	42	21183	23.461	ng	# 93
6) Aniline	7.37	93	46507	18.454	ng	97
8) 2-Chlorophenol	7.61	128	52375	31.472	ng	96
9) Benzaldehyde	7.19	77	18034	14.082	ng	94
10) Phenol	7.24	94	75617	36.054	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	41806	25.036	ng	91
12) 1,3-Dichlorobenzene	7.93	146	50342	25.585	ng	97
13) 1,4-Dichlorobenzene	8.08	146	51854	25.731	ng	95
14) 1,2-Dichlorobenzene	8.40	146	50884	26.783	ng	98
15) Benzyl Alcohol	8.29	79	46353	30.082	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	82024	21.443	ng	96
17) 2-Methylphenol	8.49	107	47456	33.772	ng	97
18) Hexachloroethane	9.12	117	18362	24.935	ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	37262	26.874	ng	97
20) 3+4-Methylphenols	8.82	107	65336	33.667	ng	97
22) Acetophenone	8.88	105	75537	27.893	ng	# 93
24) Nitrobenzene	9.26	77	55623	25.909	ng	99
25) Isophorone	9.77	82	110673	29.025	ng	95
26) 2-Nitrophenol	9.97	139	31111	28.313	ng	89
27) 2,4-Dimethylphenol	10.02	122	55802	35.434	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	62706	29.141	ng	98
29) 2,4-Dichlorophenol	10.51	162	63431	36.206	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	62520	29.544	ng	94
31) Naphthalene	10.91	128	162997	30.513	ng	98
32) Benzoic acid	10.16	122	14551	21.631	ng	97
33) 4-Chloroaniline	11.03	127	39867	17.190	ng	98
34) Hexachlorobutadiene	11.17	225	41495	28.979	ng	93
35) Caprolactam	11.81	113	19503	26.900	ng	# 79
36) 4-Chloro-3-methylphenol	12.14	107	64447	32.236	ng	95
37) 2-Methylnaphthalene	12.51	142	132006	34.639	ng	98
38) 1-Methylnaphthalene	12.73	142	124582	33.689	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	84358	28.508	ng	97

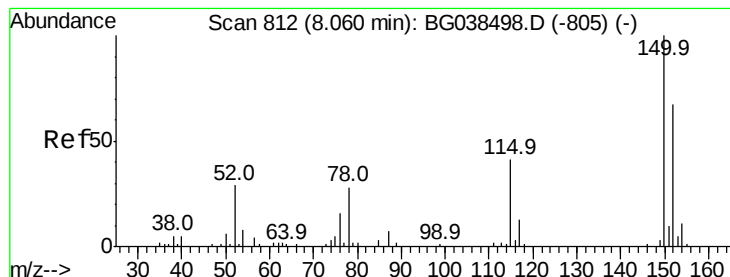
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG039003.D
 Acq On : 8 Jan 2019 21:10
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Quant Time: Jan 09 02:50:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 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	96480	59.346	nq	97
43) 2,4,6-Trichlorophenol	13.12	196	57405	31.551	nq	94
44) 2,4,5-Trichlorophenol	13.20	196	61434	31.891	nq	93
46) 1,1'-Biphenyl	13.52	154	179740	27.084	nq	98
47) 2-Chloronaphthalene	13.56	162	141945	27.690	nq	97
48) 2-Nitroaniline	13.78	65	41524	25.430	nq	# 82
49) Acenaphthylene	14.41	152	236613	30.875	nq	100
50) Dimethylphthalate	14.13	163	222235	34.377	nq	98
51) 2,6-Dinitrotoluene	14.27	165	43732	29.851	nq	86
52) Acenaphthene	14.75	154	132734	28.965	nq	98
53) 3-Nitroaniline	14.60	138	26212	17.552	nq	87
54) 2,4-Dinitrophenol	14.81	184	44339	52.753	nq	94
55) Dibenzofuran	15.08	168	233080	29.672	nq	96
56) 4-Nitrophenol	14.92	139	63952	56.448	nq	94
57) 2,4-Dinitrotoluene	15.06	165	60898	29.513	nq	89
58) Fluorene	15.73	166	183235	31.485	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	58245	33.607	nq	97
60) Diethylphthalate	15.49	149	195788	27.588	nq	97
61) 4-Chlorophenyl-phenylether	15.71	204	105941	29.176	nq	97
62) 4-Nitroaniline	15.77	138	42645	27.737	nq	96
63) Azobenzene	16.01	77	149598	25.233	nq	94
65) 4,6-Dinitro-2-methylphenol	15.81	198	38019	27.712	nq	89
66) n-Nitrosodiphenylamine	15.94	169	169766	30.042	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	71642	30.501	nq	97
68) Hexachlorobenzene	16.73	284	76080	31.246	nq	95
69) Atrazine	16.88	200	69046	32.924	nq	98
70) Pentachlorophenol	17.08	266	82252	57.113	nq	92
71) Phenanthrene	17.48	178	313473	31.431	nq	99
72) Anthracene	17.57	178	318772	32.377	nq	99
73) Carbazole	17.84	167	279917	28.747	nq	98
74) Di-n-butylphthalate	18.37	149	322655	28.878	nq	99
75) Fluoranthene	19.49	202	387017	31.363	nq	96
77) Benzidine	19.67	184	131646	22.340	nq	99
78) Pyrene	19.85	202	392756	29.836	nq	98
80) Butylbenzylphthalate	20.71	149	148119	28.801	nq	96
81) Benzo(a)anthracene	21.70	228	380116	31.306	nq	99
82) 3,3'-Dichlorobenzidine	21.61	252	81243	16.871	nq	98
83) Chrysene	21.76	228	350046	29.931	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	208187	28.542	nq	98
85) Di-n-octyl phthalate	22.78	149	354951	29.057	nq	95
86) Indeno(1,2,3-cd)pyrene	28.78	276	419063	30.479	nq	# 83
88) Benzo(b)fluoranthene	23.95	252	374946	31.717	nq	99
89) Benzo(k)fluoranthene	24.02	252	353111	29.996	nq	96
90) Benzo(a)pyrene	24.85	252	358531	31.437	nq	# 96
91) Dibenzo(a,h)anthracene	28.83	278	349635	30.790	nq	99
92) Benzo(g,h,i)perylene	29.97	276	343327	30.679	nq	97

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

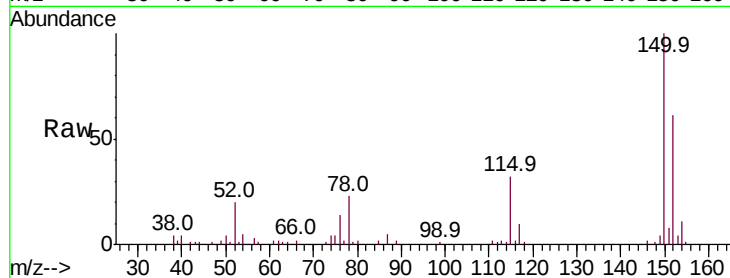


#1

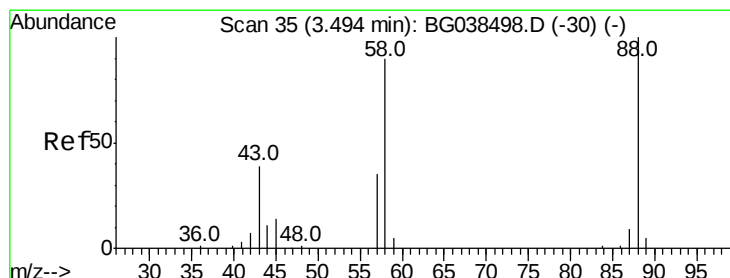
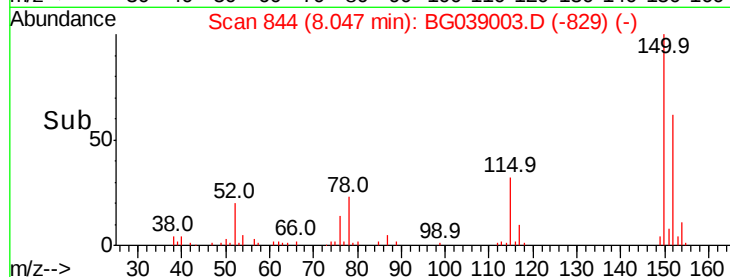
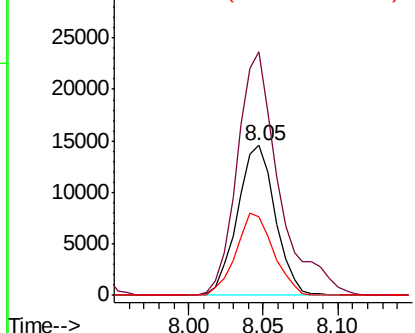
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

Instrument :
BNA_G
ClientSampleId :
W12-7MSD

Tot Ion:152 Resp: 25506
Ion Ratio Lower Upper
152 100
150 162.7 119.5 179.3
115 52.2 49.6 74.4



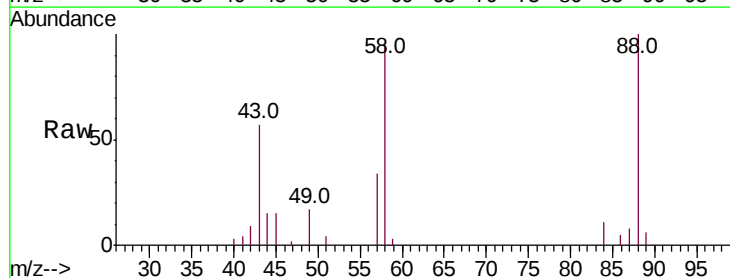
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



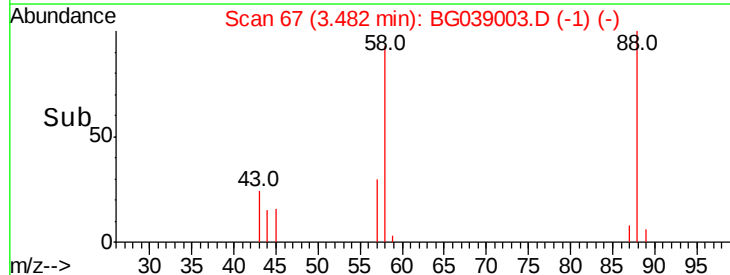
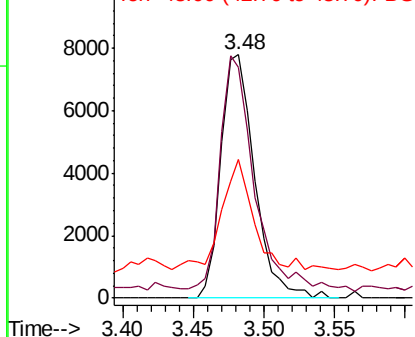
#2

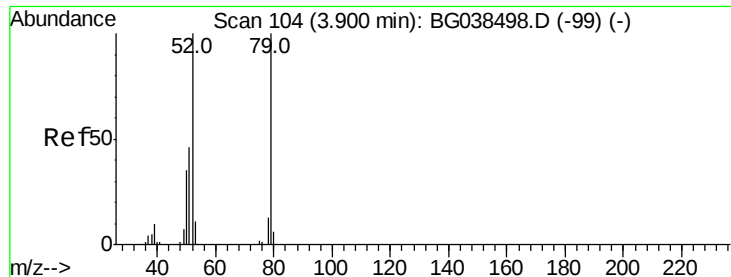
1,4-Dioxane
Concen: 19.286 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

Tgt Ion: 88 Resp: 12908
Ion Ratio Lower Upper
88 100
58 99.0 75.7 113.5
43 41.8 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: 13.930 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampleId :

W12-7MSD

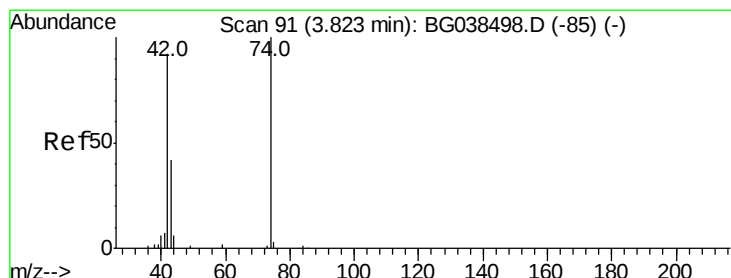
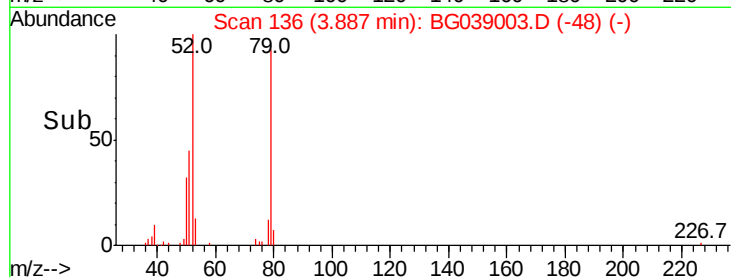
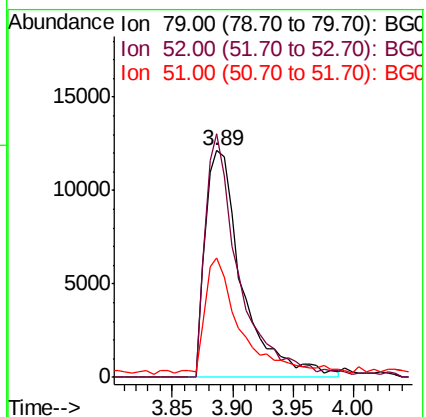
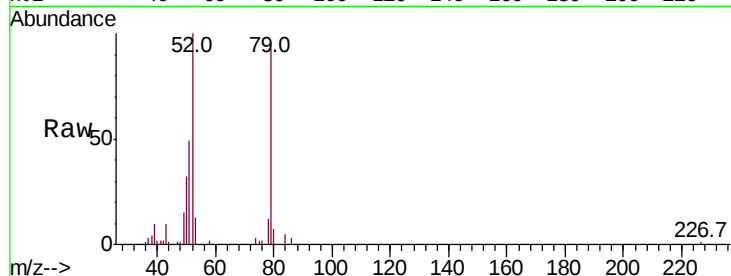
Tot Ion: 79 Resp: 25668

Ion Ratio Lower Upper

79 100

52 107.3 80.2 120.2

51 52.4 38.0 57.0



#4

n-Nitrosodimethylamine

Concen: 23.461 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

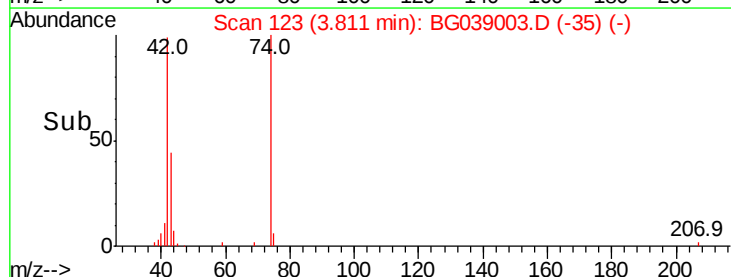
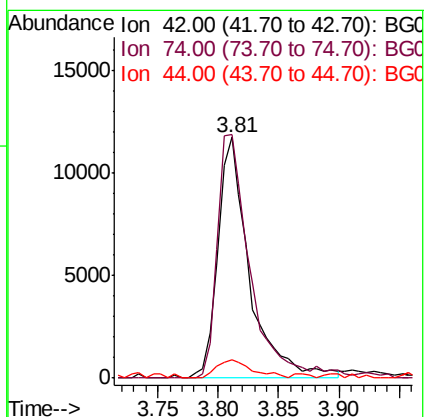
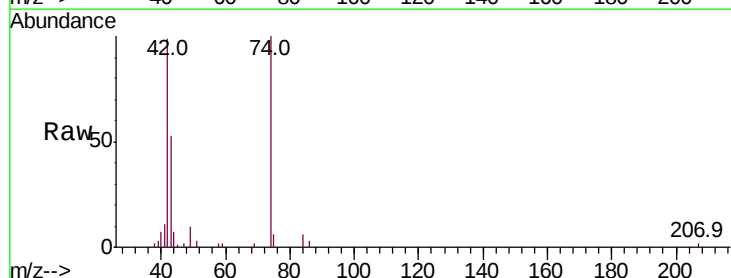
Tgt Ion: 42 Resp: 21183

Ion Ratio Lower Upper

42 100

74 101.2 86.7 130.1

44 7.4 7.8 11.8#

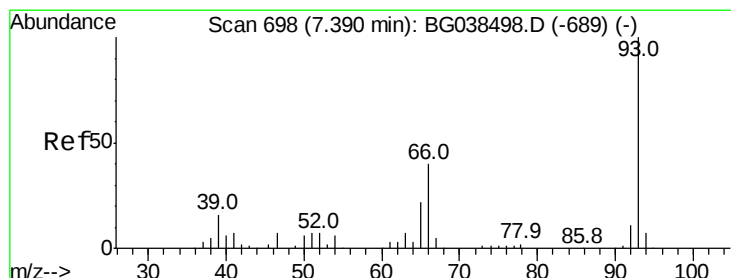
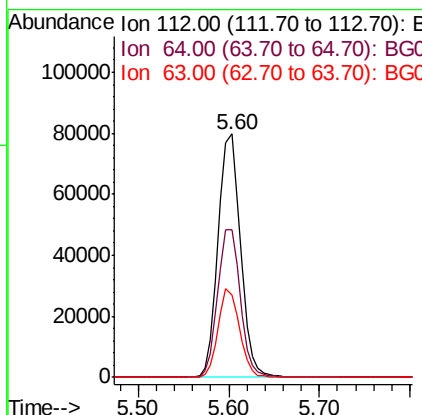
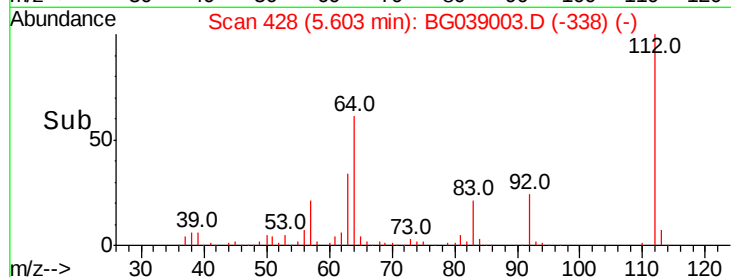
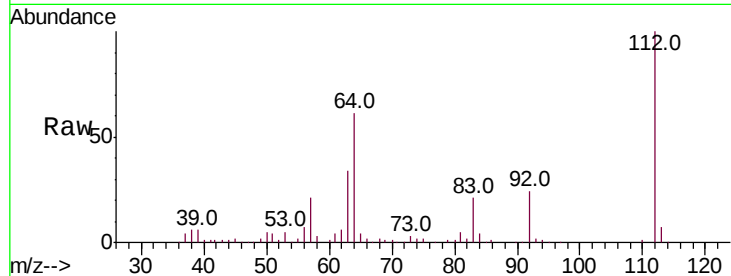




#5
 2-Fluorophenol
 Concen: 95.313 ng
 RT: 5.60 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

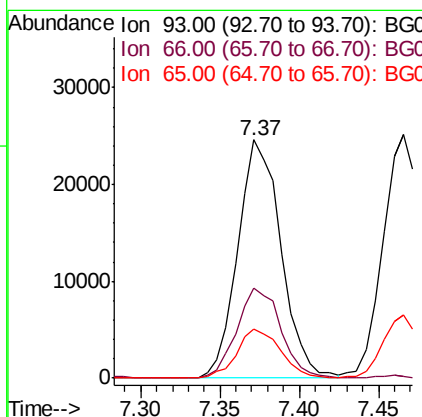
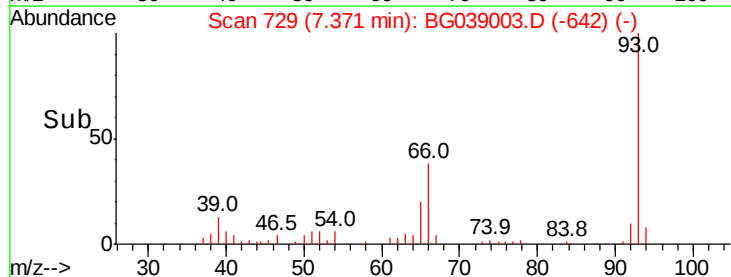
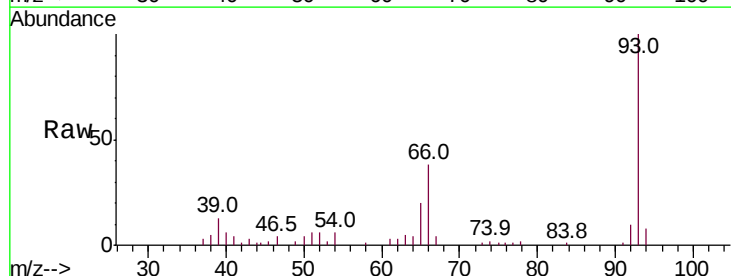
Instrument :
 BNA_G
 ClientSampleId :
 W12-7MSD

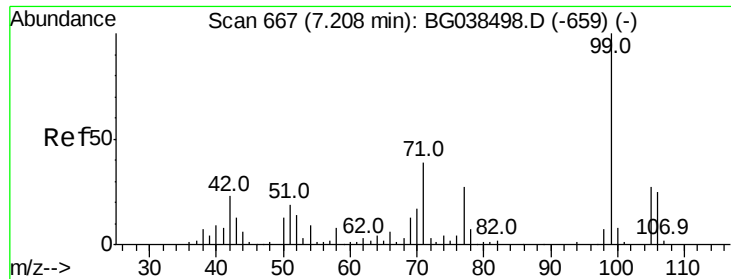
Tot Ion:	112	Resp:	137065
Ion	Ratio	Lower	Upper
112	100		
64	60.8	53.4	80.2
63	33.6	29.3	43.9



#6
 Aniline
 Concen: 18.454 ng
 RT: 7.37 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

Tgt Ion:	93	Resp:	46507
Ion	Ratio	Lower	Upper
93	100		
66	37.6	31.7	47.5
65	20.5	17.8	26.6





#7

Phenol-d6

Concen: 101.840 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampled :

W12-7MSD

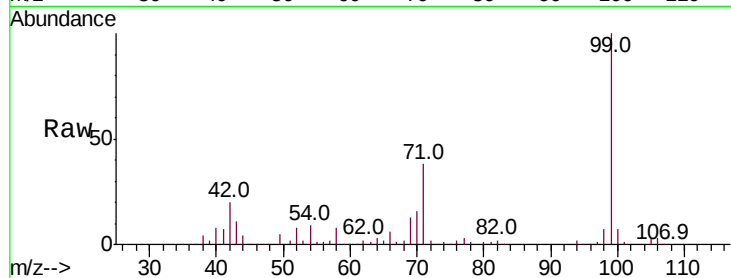
Tot Ion: 99 Resp: 201049

Ion Ratio Lower Upper

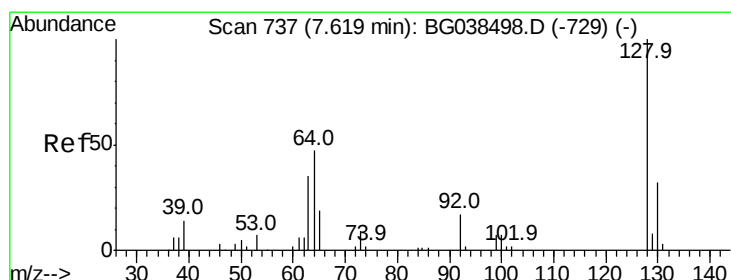
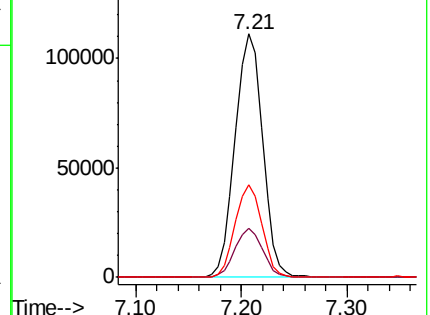
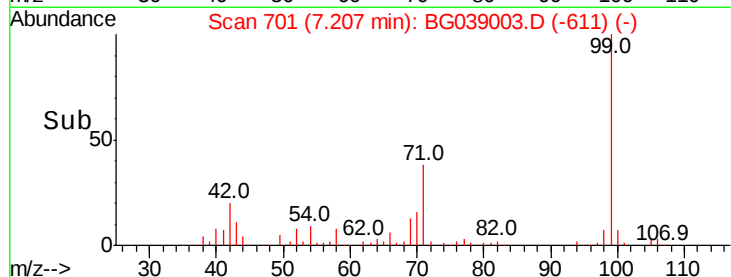
99 100

42 19.9 18.5 27.7

71 38.1 31.1 46.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
150000
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 31.472 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

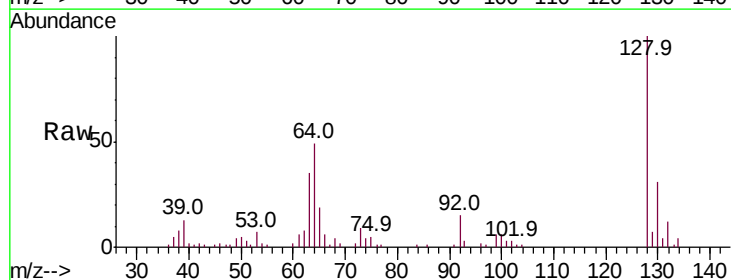
Tgt Ion: 128 Resp: 52375

Ion Ratio Lower Upper

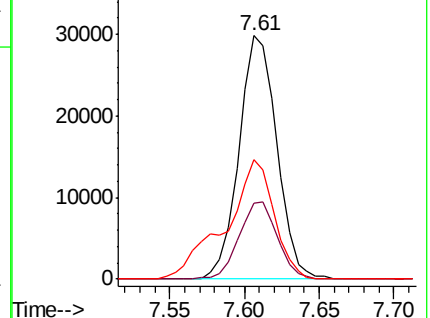
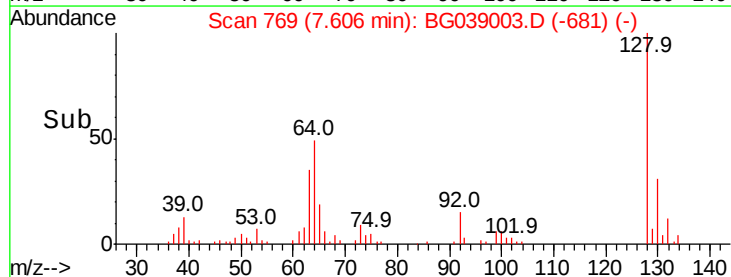
128 100

130 31.0 11.8 51.8

64 49.3 33.2 73.2



Abundance Ion 128.00 (127.70 to 128.70): E
40000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 14.082 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampleId :

W12-7MSD

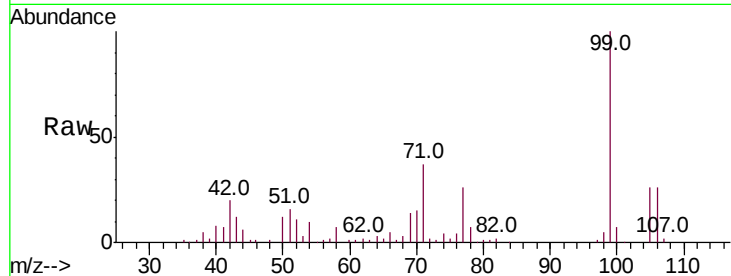
Tot Ion: 77 Resp: 18034

Ion Ratio Lower Upper

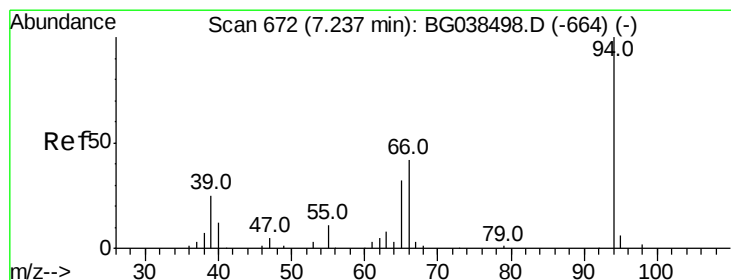
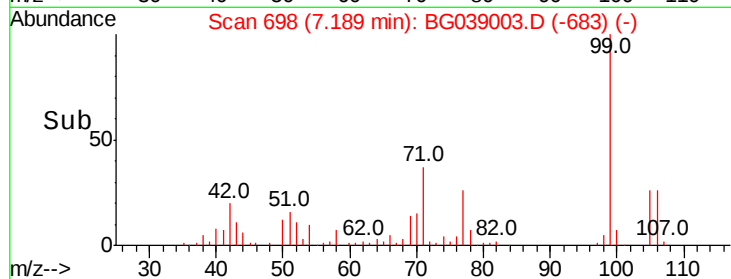
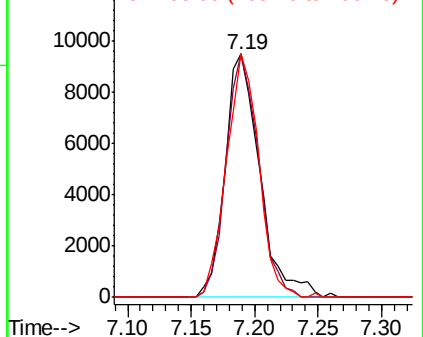
77 100

105 100.0 74.0 114.0

106 99.9 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: 36.054 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

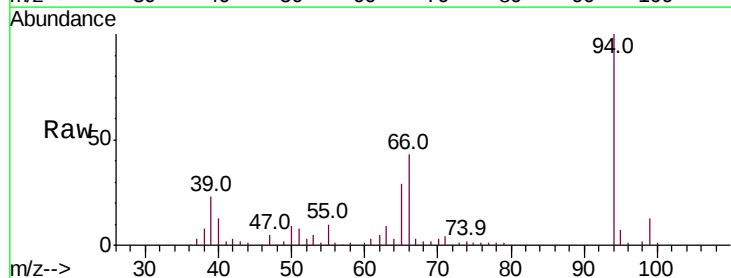
Tgt Ion: 94 Resp: 75617

Ion Ratio Lower Upper

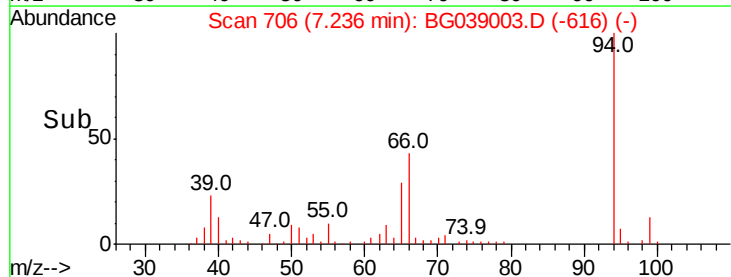
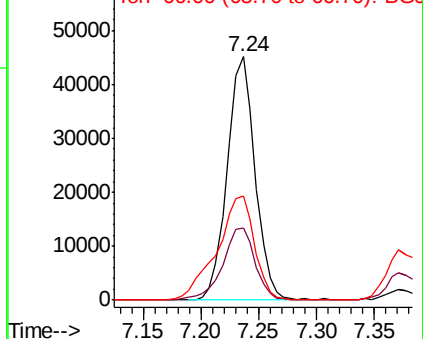
94 100

65 29.4 12.6 52.6

66 42.8 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: 25.036 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampleId :

W12-7MSD

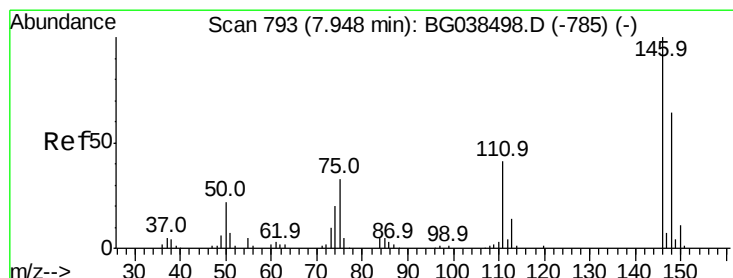
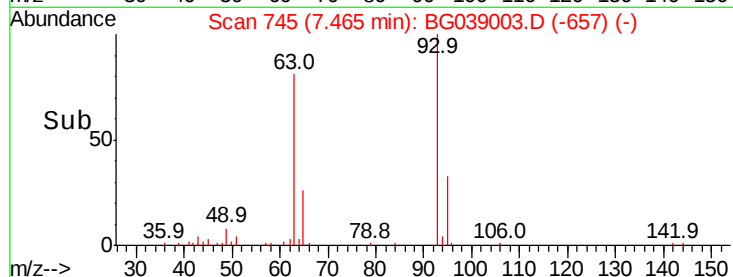
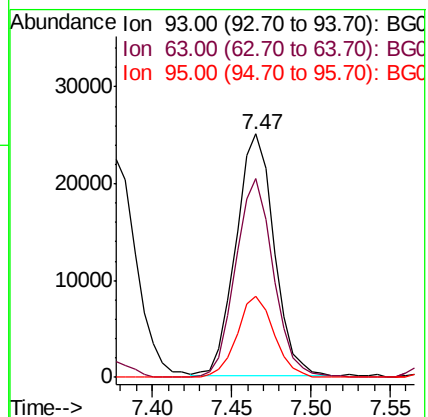
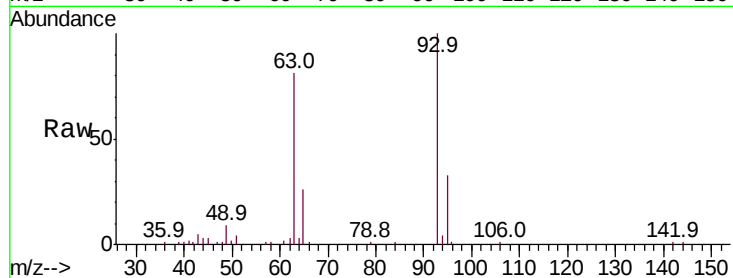
Tot Ion: 93 Resp: 41806

Ion Ratio Lower Upper

93 100

63 81.4 72.2 112.2

95 33.5 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 25.585 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

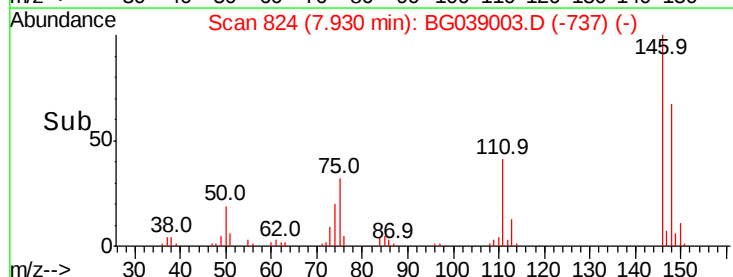
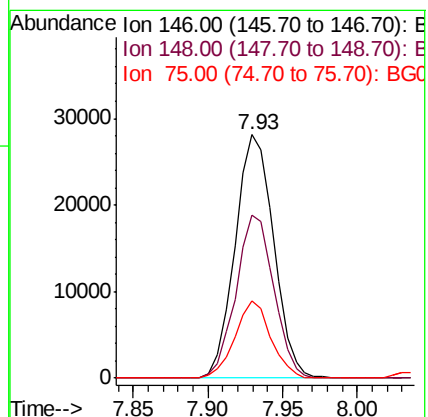
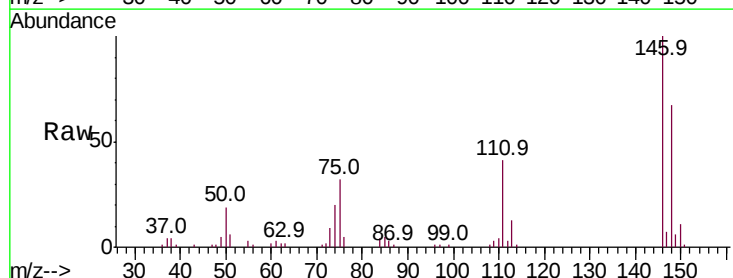
Tgt Ion: 146 Resp: 50342

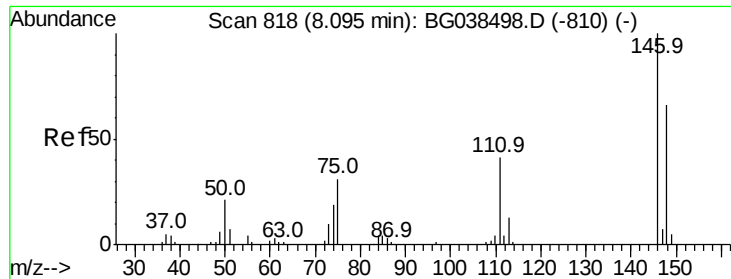
Ion Ratio Lower Upper

146 100

148 67.1 51.4 77.0

75 31.6 26.1 39.1

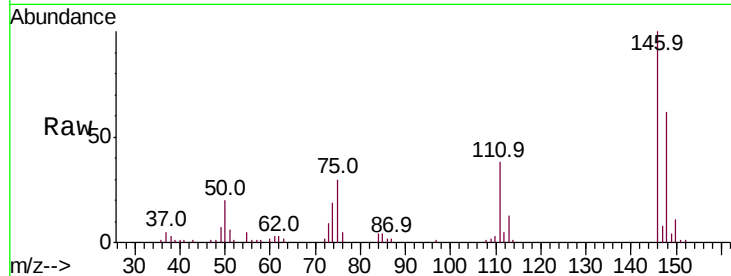




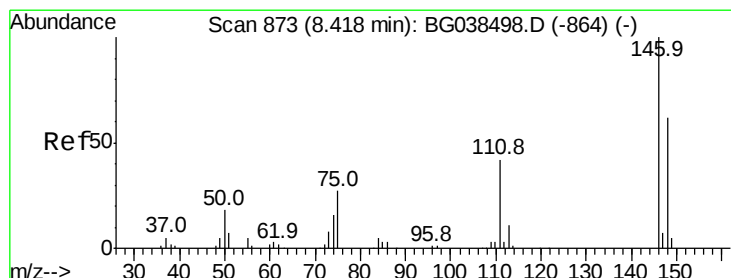
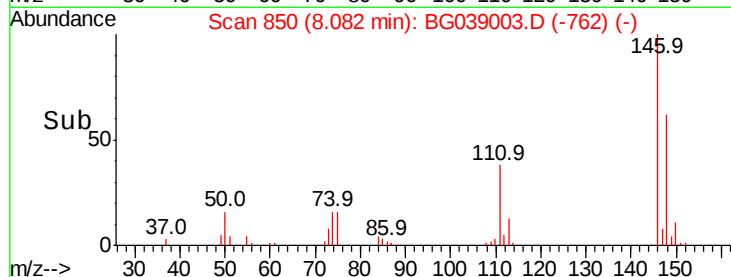
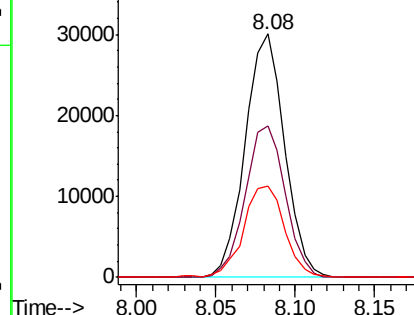
#13
 1,4-Dichlorobenzene
 Concen: 25.731 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

Instrument :
 BNA_G
 ClientSampleId :
 W12-7MSD

Tot Ion:146 Resp: 51854
 Ion Ratio Lower Upper
 146 100
 148 62.4 52.4 78.6
 111 37.6 33.0 49.4

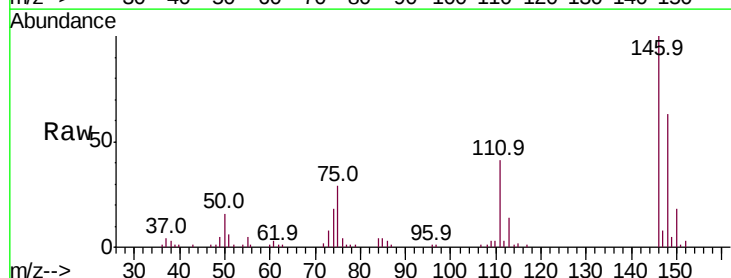


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

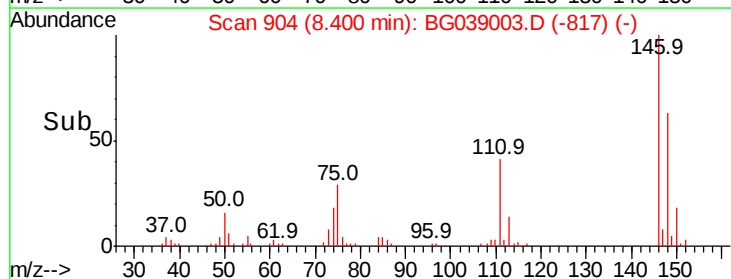
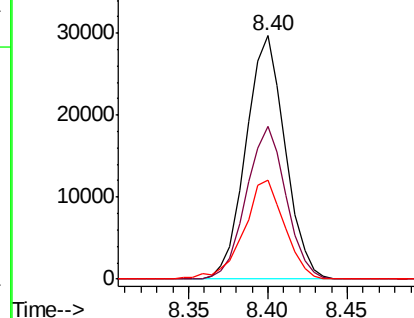


#14
 1,2-Dichlorobenzene
 Concen: 26.783 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

Tgt Ion:146 Resp: 50884
 Ion Ratio Lower Upper
 146 100
 148 62.8 49.4 74.0
 111 40.9 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.082 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampleId :

W12-7MSD

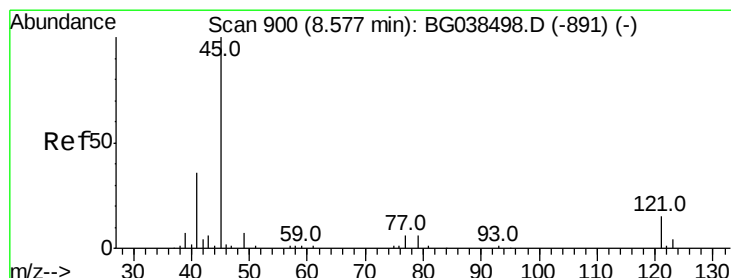
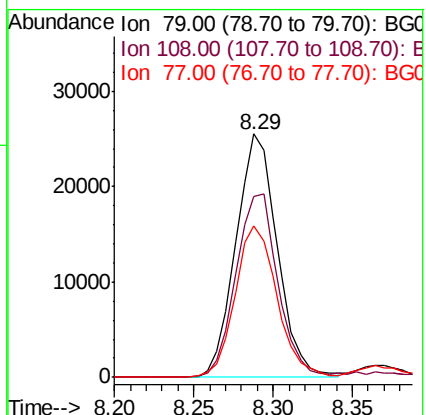
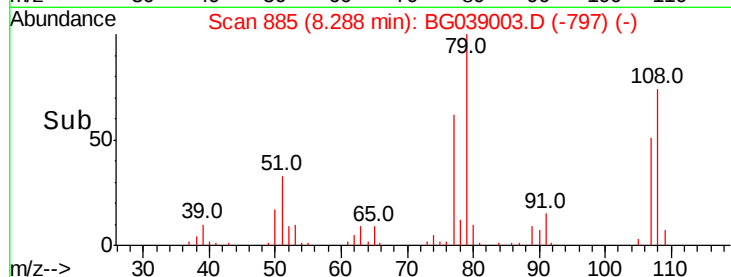
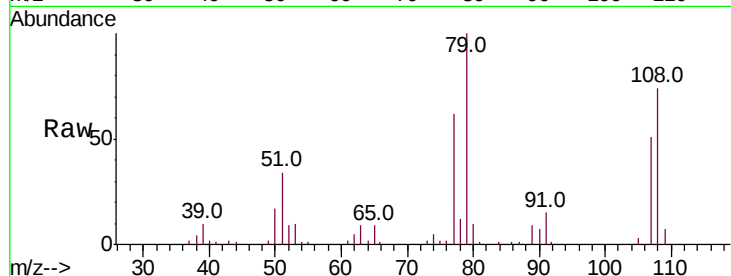
Tot Ion: 79 Resp: 46353

Ion Ratio Lower Upper

79 100

108 74.4 60.2 90.4

77 62.5 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.443 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

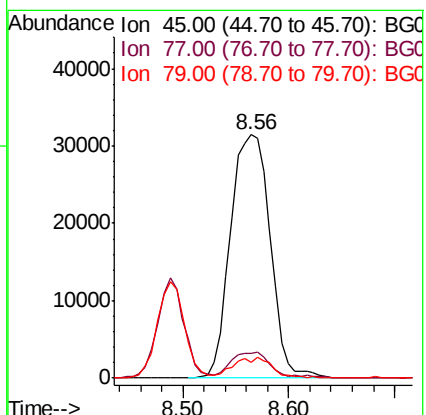
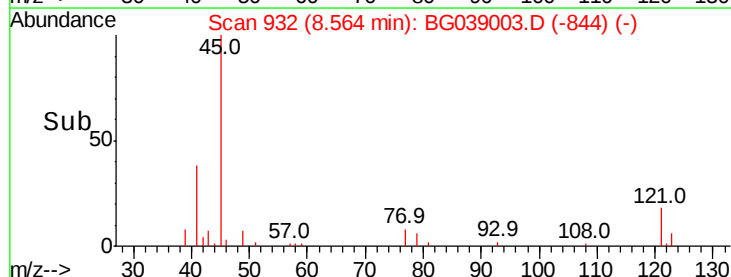
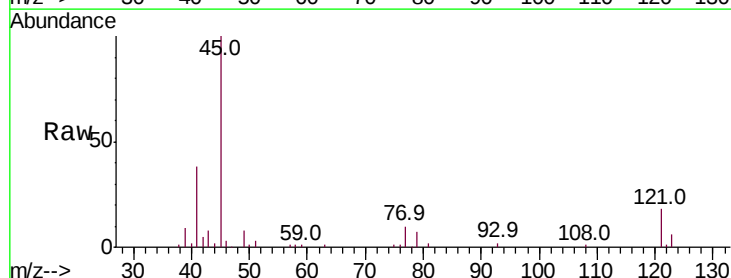
Tgt Ion: 45 Resp: 82024

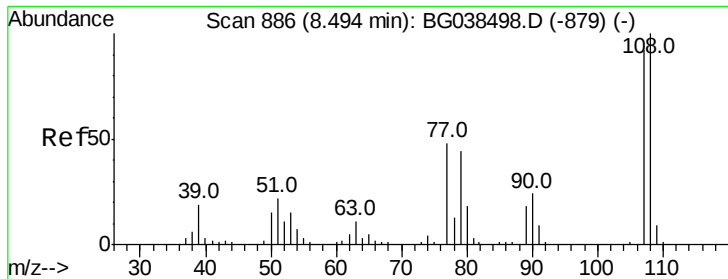
Ion Ratio Lower Upper

45 100

77 10.2 0.0 28.2

79 6.7 0.0 27.2

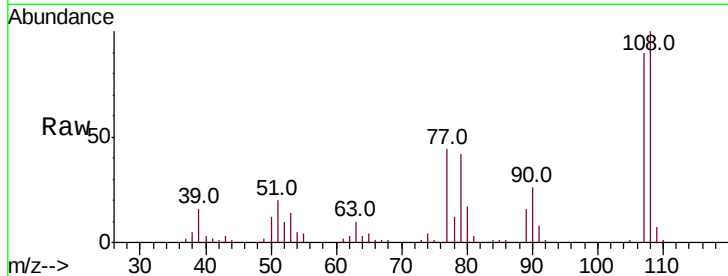




#17
2-Methylphenol
Concen: 33.772 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

Instrument :
BNA_G
ClientSampleId :
W12-7MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.3	87.1	130.7
77	48.5	42.0	63.0
79	47.0	38.2	57.2



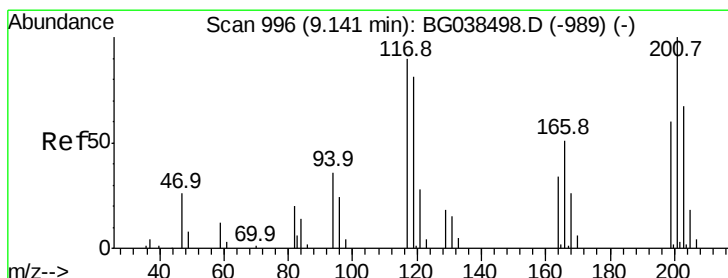
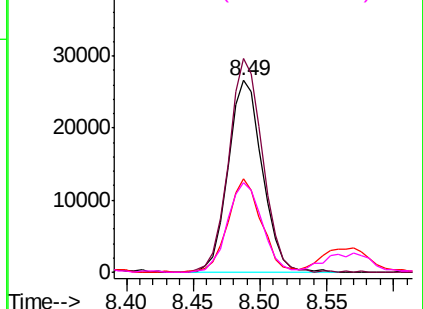
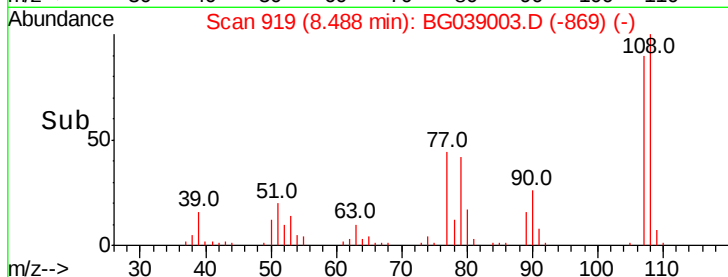
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

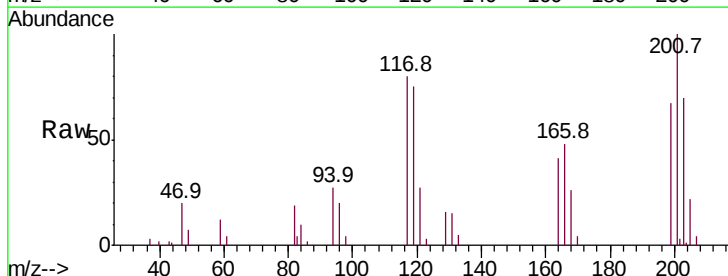
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 24.935 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	73.8	110.8
201	124.6	89.4	134.0

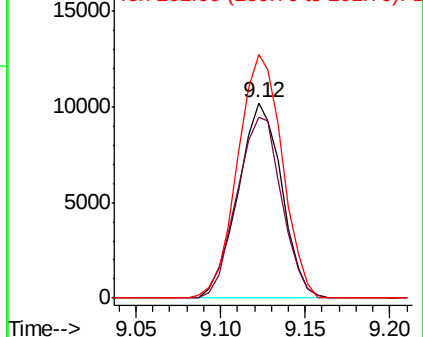
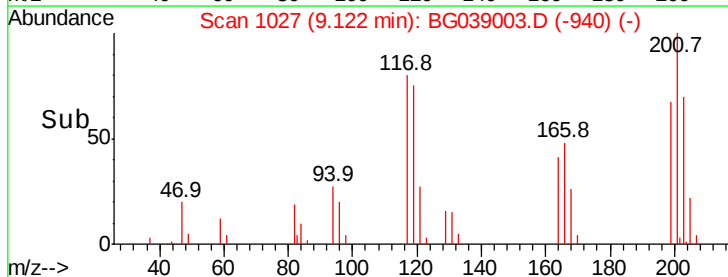


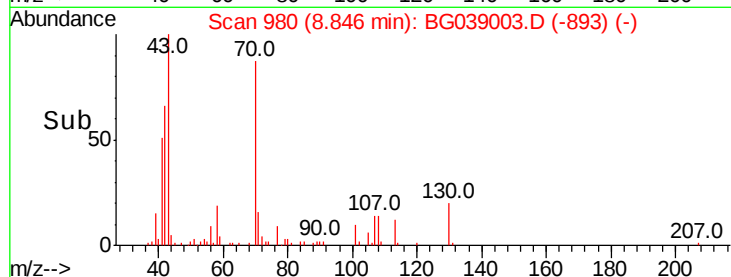
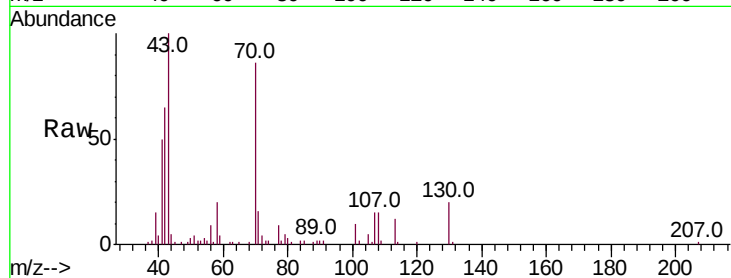
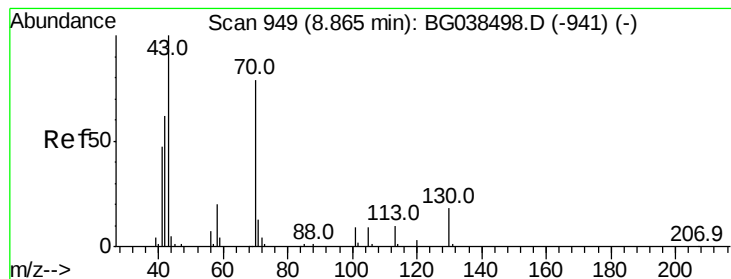
Abundance

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: 26.874 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.02 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampleId :

W12-7MSD

Tot Ion: 70 Resp: 37262

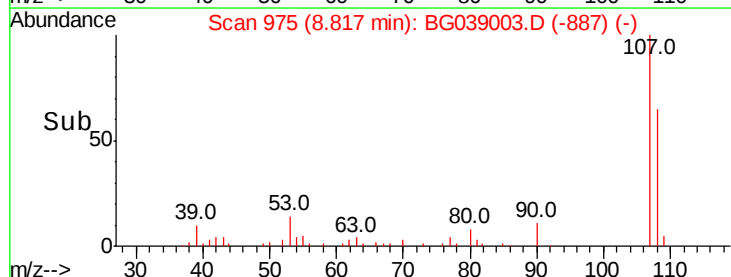
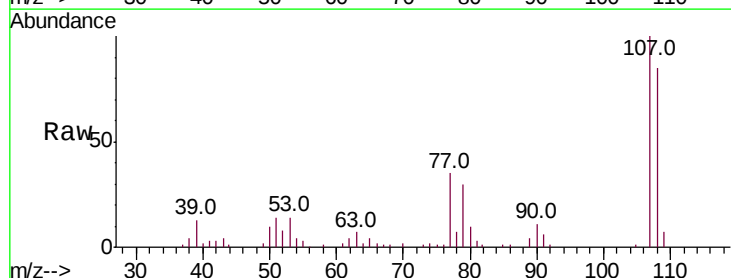
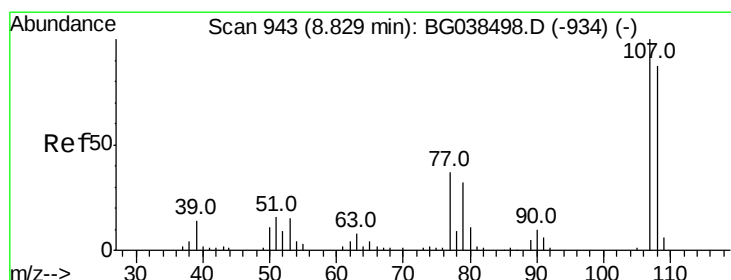
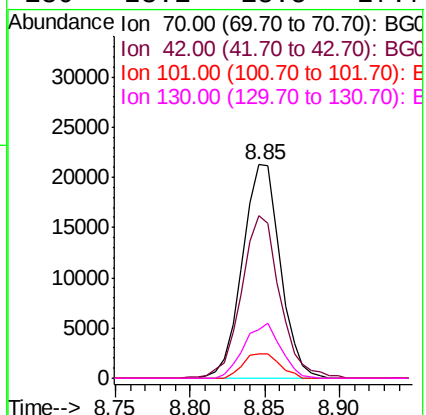
Ion Ratio Lower Upper

70 100

42 76.0 63.6 95.4

101 11.4 9.2 13.8

130 23.1 18.5 27.7



#20

3+4-Methylphenols

Concen: 33.667 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Tgt Ion: 107 Resp: 65336

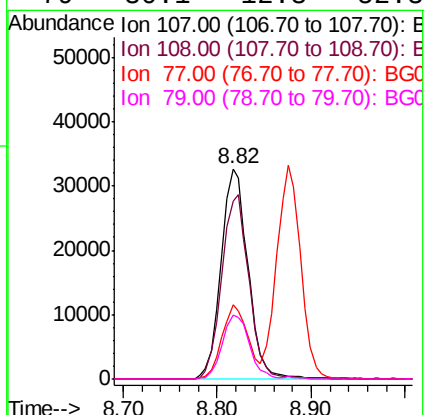
Ion Ratio Lower Upper

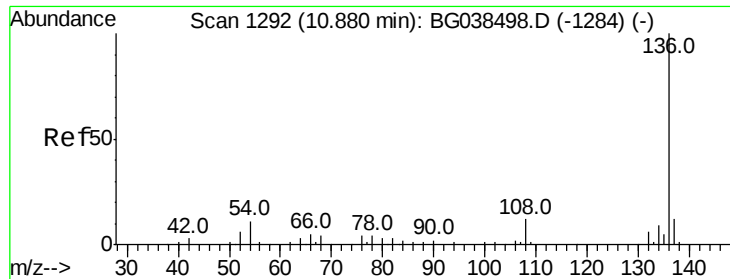
107 100

108 84.8 66.7 106.7

77 35.2 17.3 57.3

79 30.1 12.3 52.3

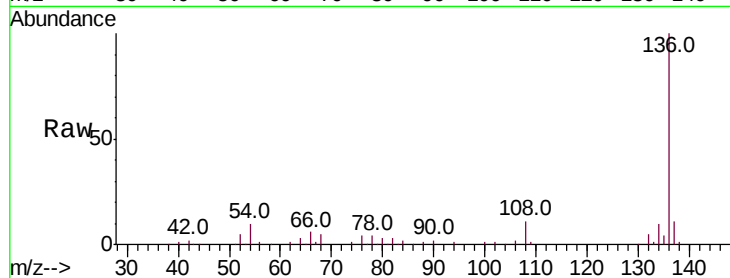




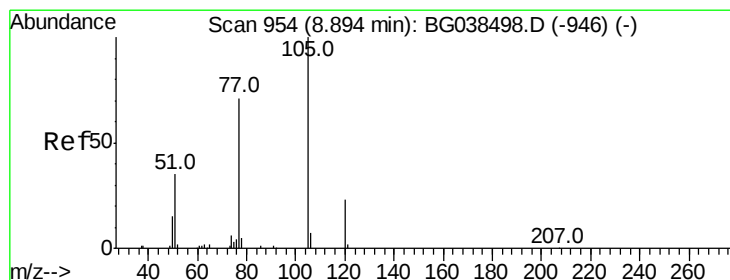
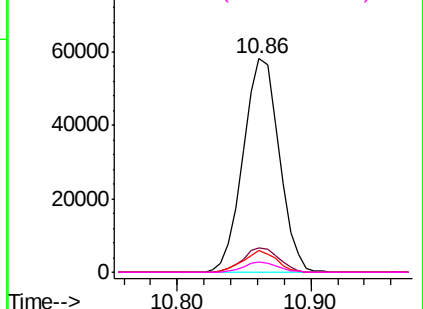
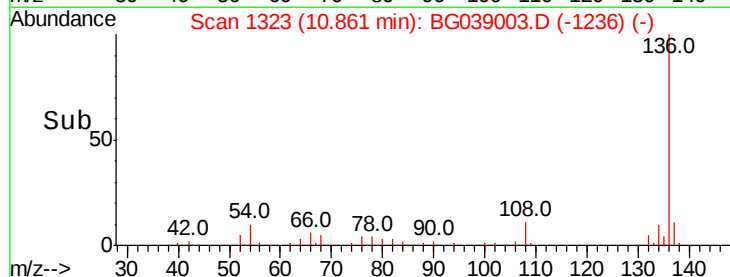
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

Instrument :
BNA_G
ClientSampleId :
W12-7MSD

Tot Ion:	136	Resp:	108418
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	10.4	8.5	12.7
68	4.7	3.5	5.3

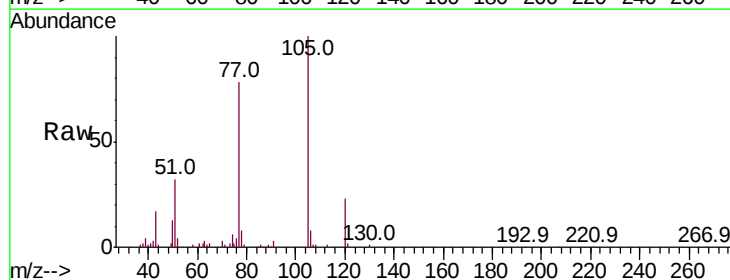


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

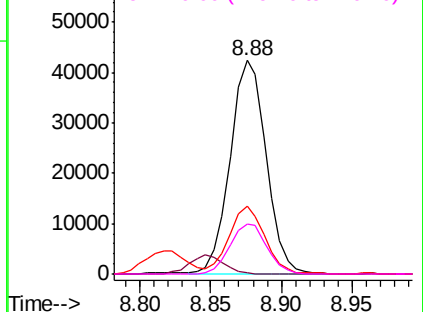
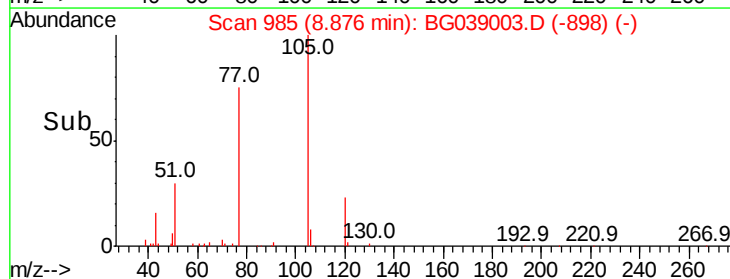


#22
Acetophenone
Concen: 27.893 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

Tgt Ion:	105	Resp:	75537
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.4	0.6#
51	31.6	30.6	46.0
120	23.4	18.6	28.0



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

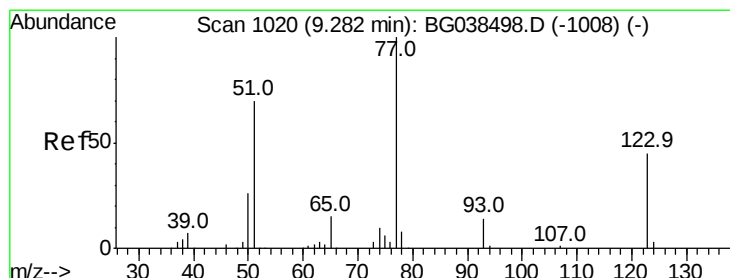
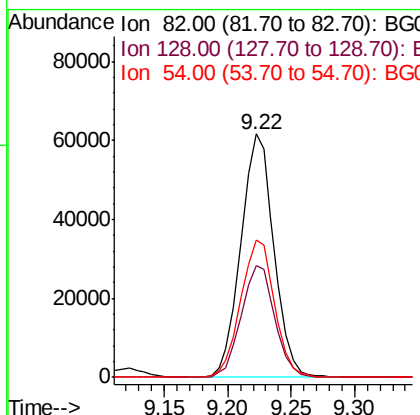
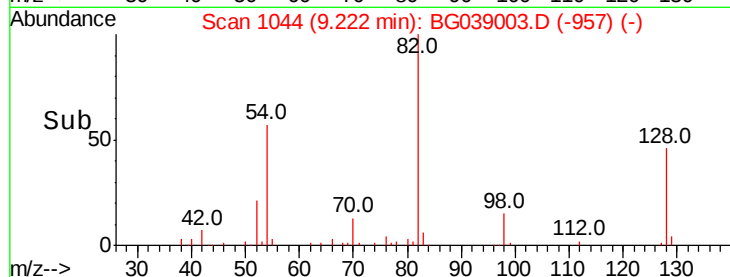
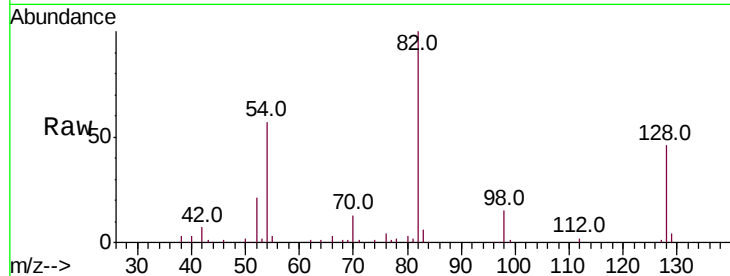




#23
Nitrobenzene-d5
Concen: 52.362 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

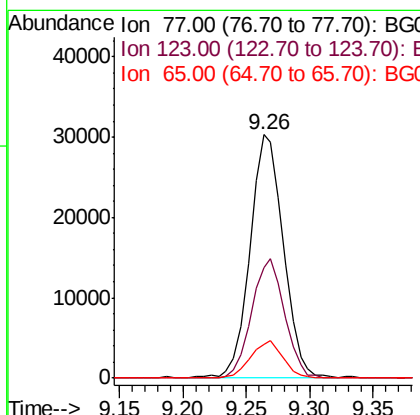
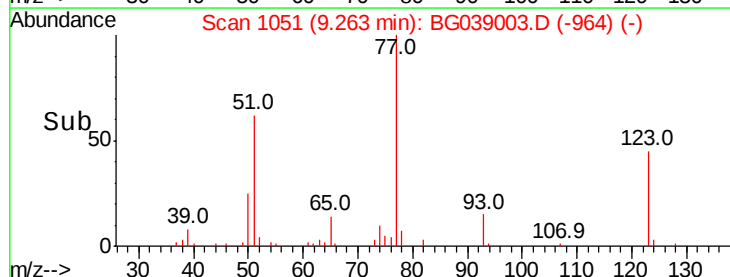
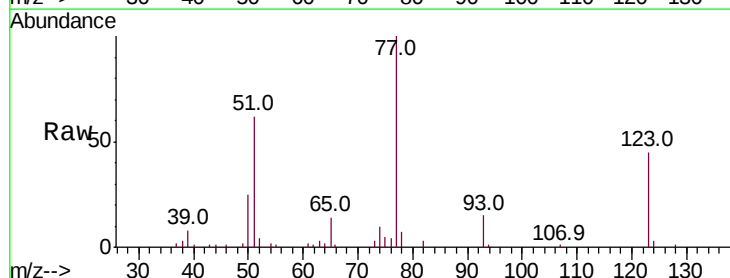
Instrument :
BNA_G
ClientSampleId :
W12-7MSD

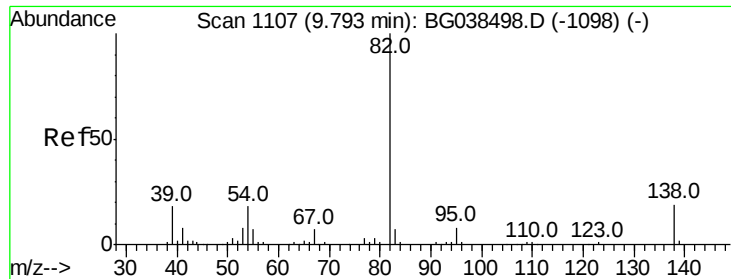
Tot Ion: 82 Resp: 111124
Ion Ratio Lower Upper
82 100
128 45.8 34.6 52.0
54 56.6 50.6 76.0



#24
Nitrobenzene
Concen: 25.909 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

Tgt Ion: 77 Resp: 55623
Ion Ratio Lower Upper
77 100
123 45.4 35.9 53.9
65 13.7 12.0 18.0

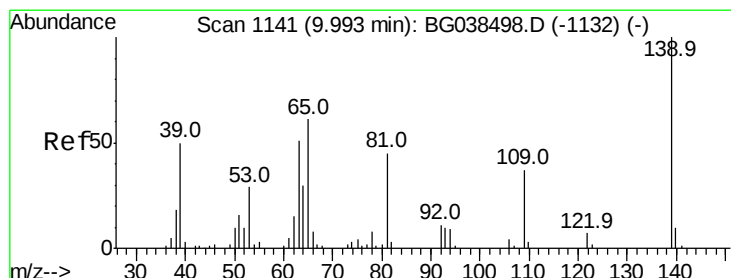
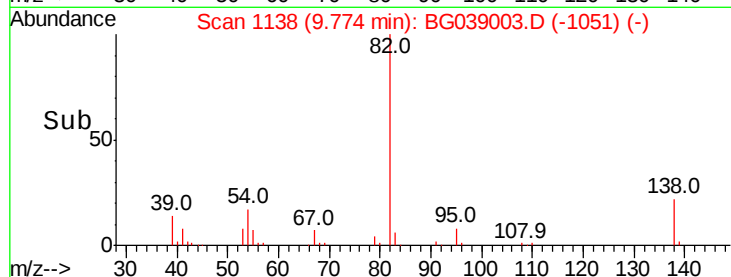
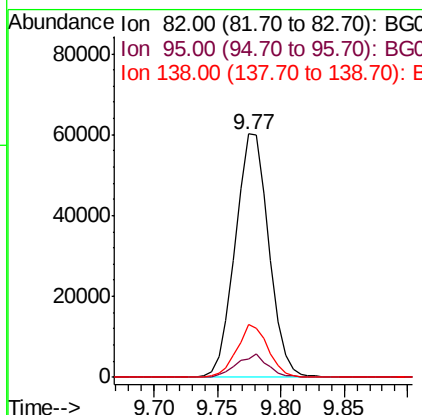
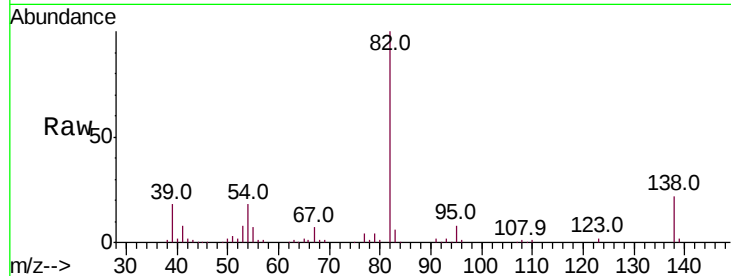




#25
Isophorone
Concen: 29.025 ng
RT: 9.77 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

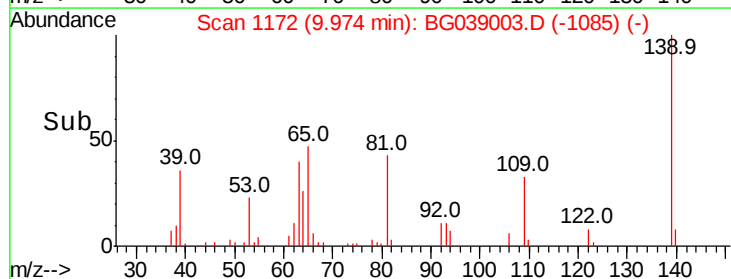
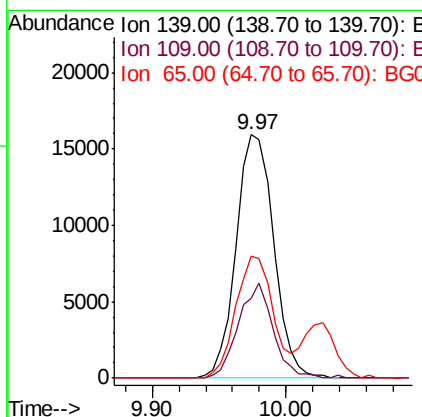
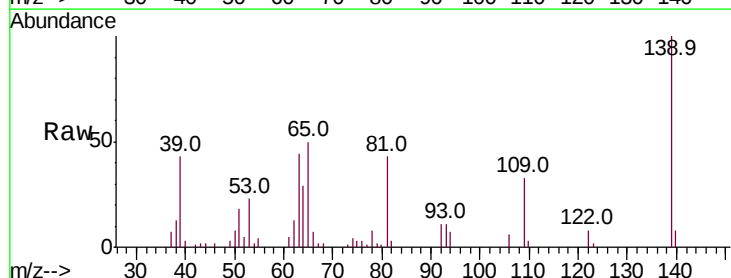
Instrument :
BNA_G
ClientSampleId :
W12-7MSD

Tot Ion: 82 Resp: 110673
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 21.7 14.9 22.3



#26
2-Nitrophenol
Concen: 28.313 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

Tgt Ion: 139 Resp: 31111
Ion Ratio Lower Upper
139 100
109 32.7 29.5 44.3
65 50.0 48.5 72.7

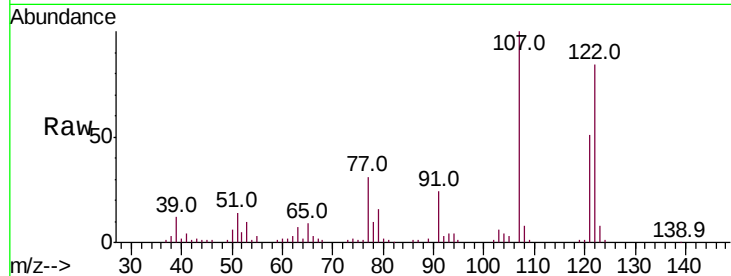




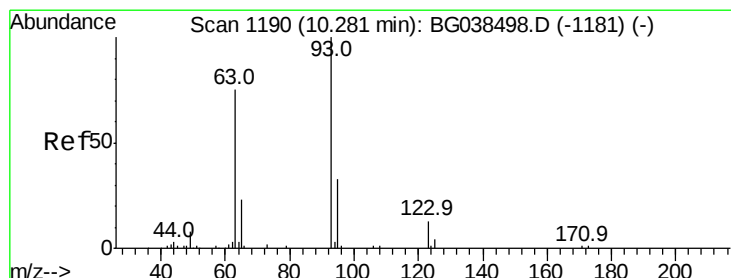
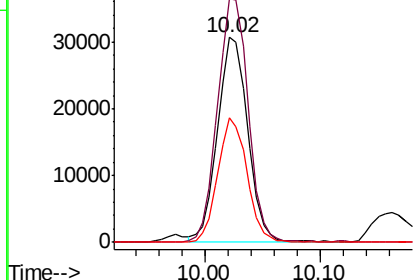
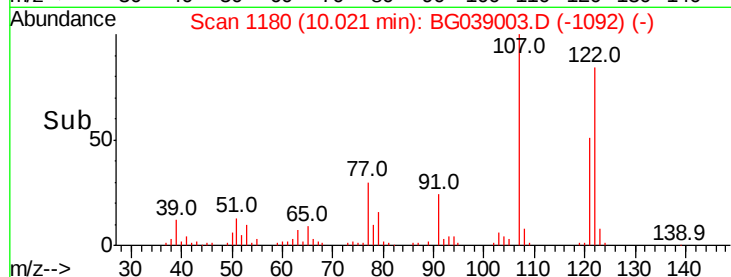
#27
 2,4-Dimethylphenol
 Concen: 35.434 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

Instrument :
 BNA_G
 ClientSampleId :
 W12-7MSD

Tot Ion:122 Resp: 55802
 Ion Ratio Lower Upper
 122 100
 107 118.9 98.4 147.6
 121 60.6 47.2 70.8

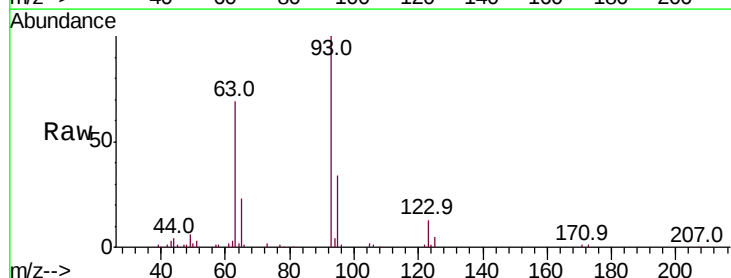


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

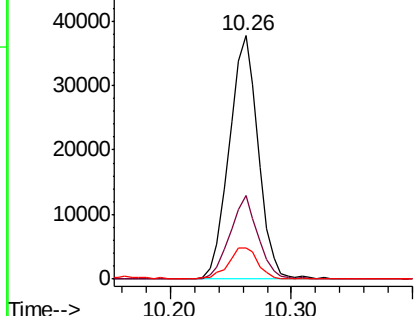
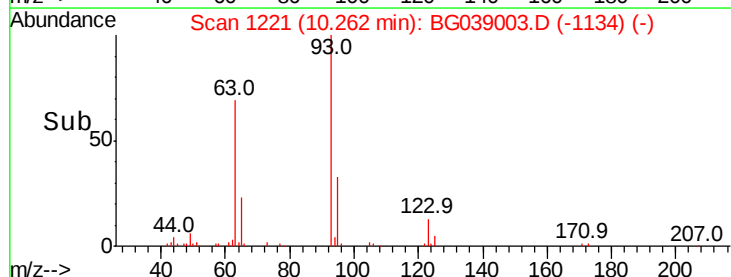


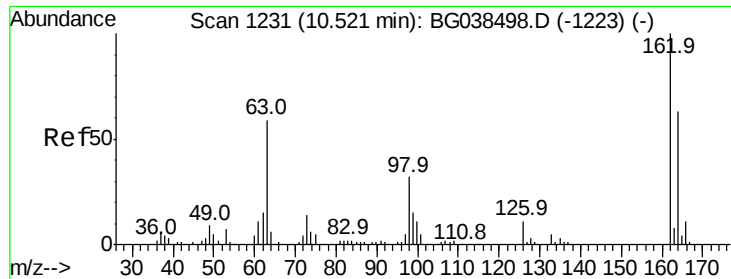
#28
 bis(2-Chloroethoxy)methane
 Concen: 29.141 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

Tgt Ion: 93 Resp: 62706
 Ion Ratio Lower Upper
 93 100
 95 34.2 26.6 40.0
 123 12.6 10.6 16.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

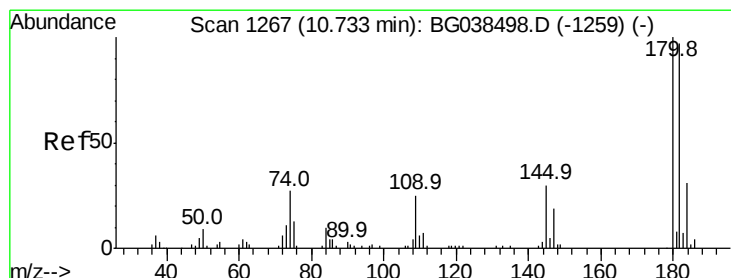
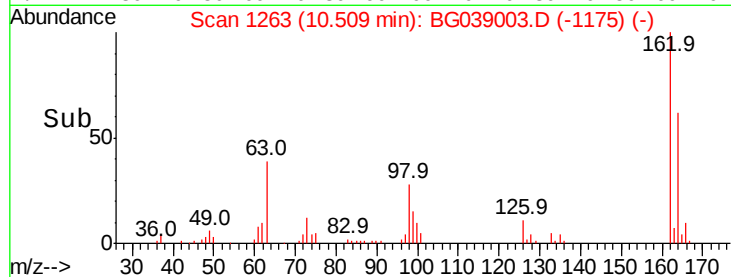
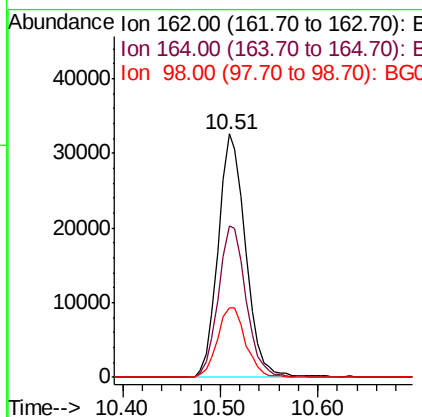
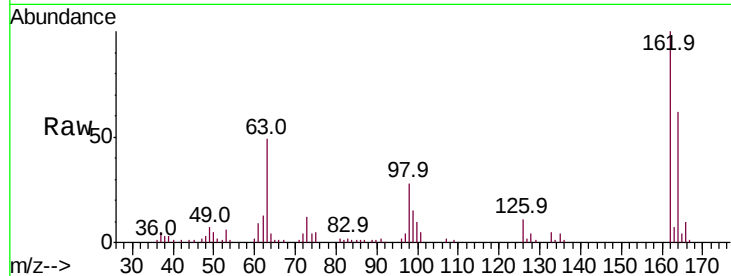




#29
 2,4-Dichlorophenol
 Concen: 36.206 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

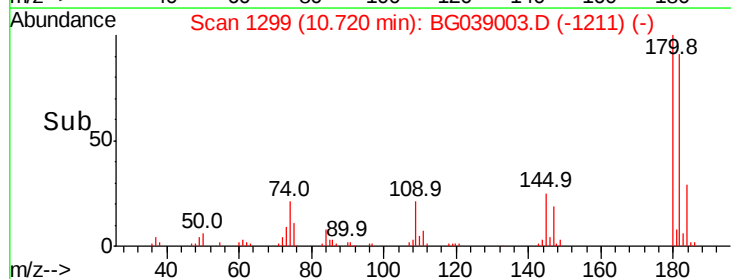
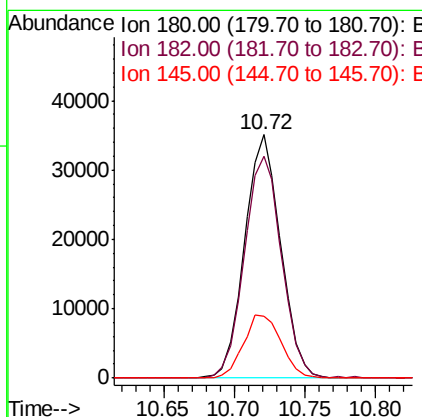
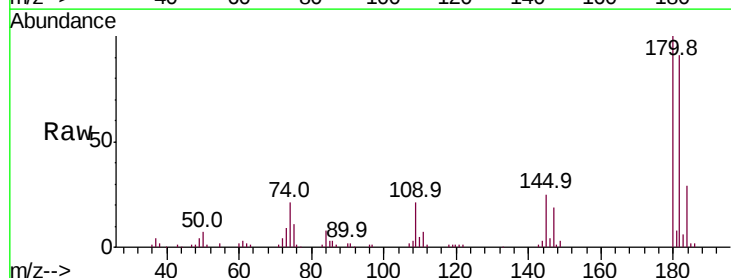
Instrument :
 BNA_G
 ClientSampleId :
 W12-7MSD

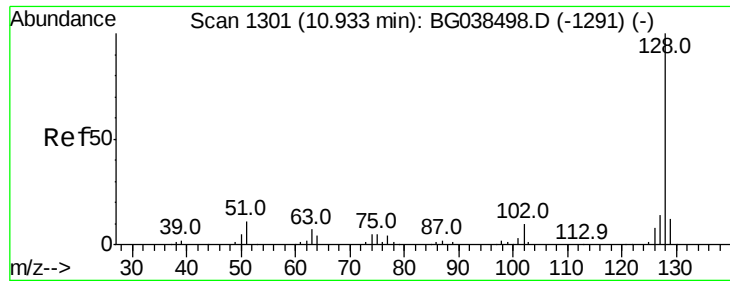
Tot Ion:162 Resp: 63431
 Ion Ratio Lower Upper
 162 100
 164 62.1 42.9 82.9
 98 28.3 12.1 52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 29.544 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

Tgt Ion:180 Resp: 62520
 Ion Ratio Lower Upper
 180 100
 182 91.2 77.4 116.0
 145 25.4 24.1 36.1

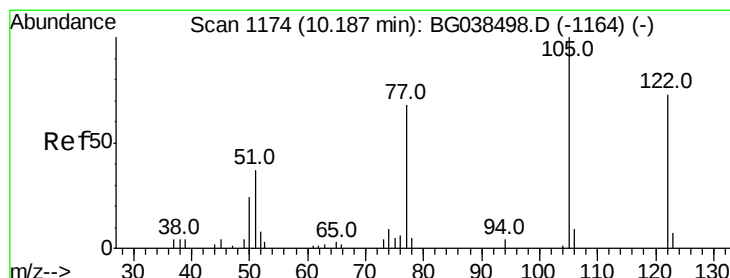
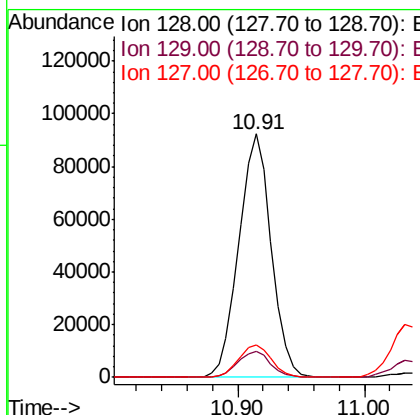
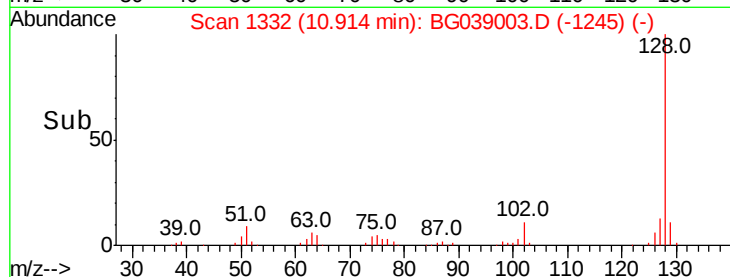
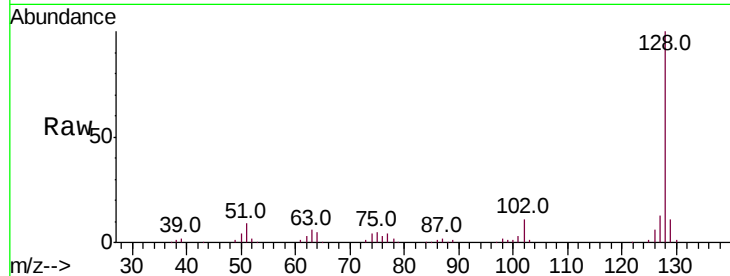




#31
Naphthalene
Concen: 30.513 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

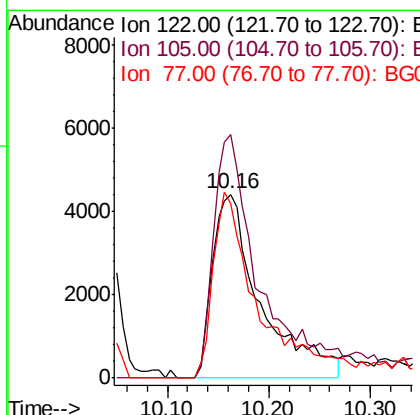
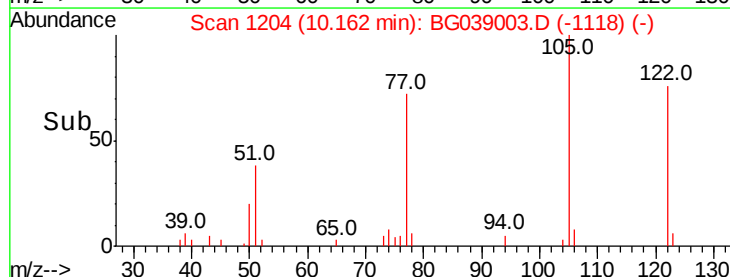
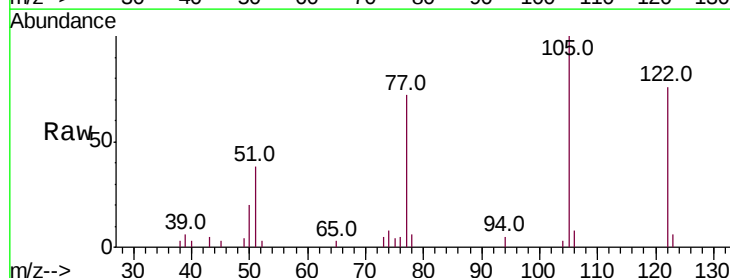
Instrument :
BNA_G
ClientSampleId :
W12-7MSD

Tot Ion:128 Resp: 162997
Ion Ratio Lower Upper
128 100
129 10.8 9.5 14.3
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 21.631 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

Tgt Ion:122 Resp: 14551
Ion Ratio Lower Upper
122 100
105 132.3 116.7 156.7
77 94.8 72.5 112.5

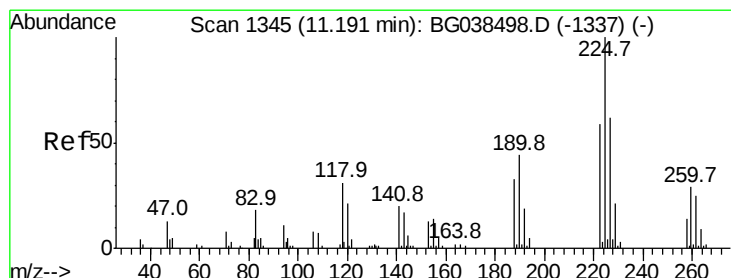
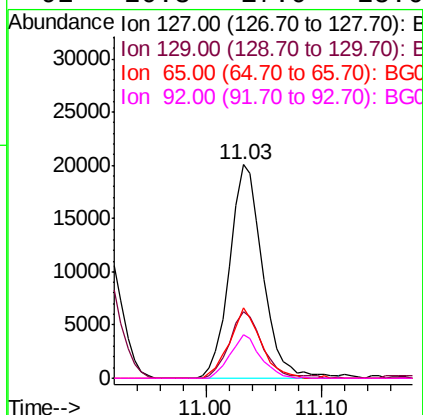
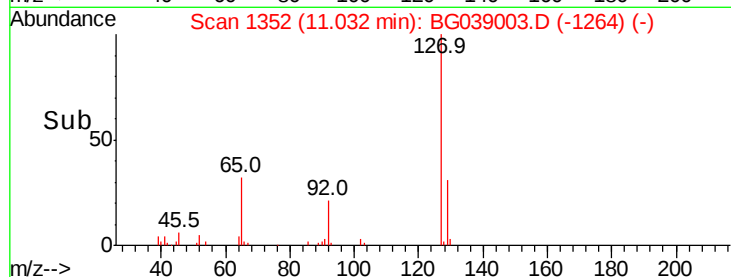
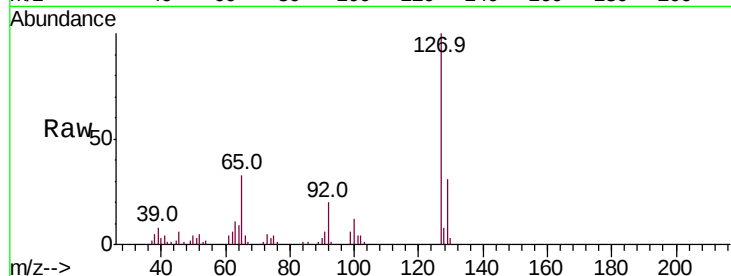




#33
4-Chloroaniline
Concen: 17.190 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

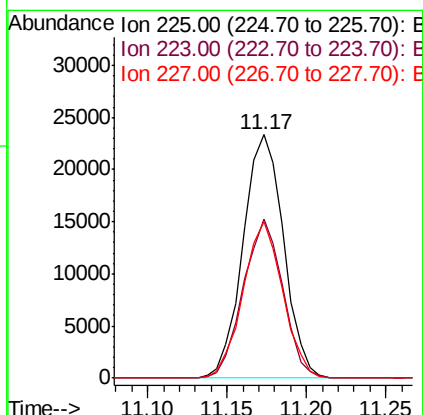
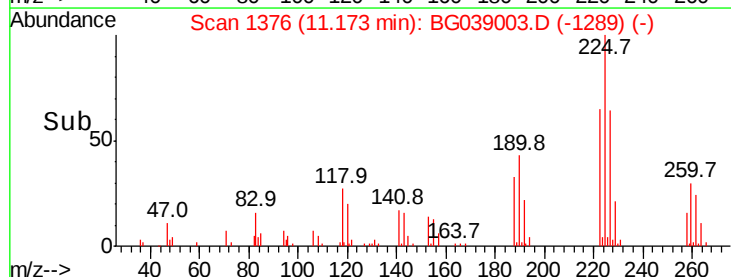
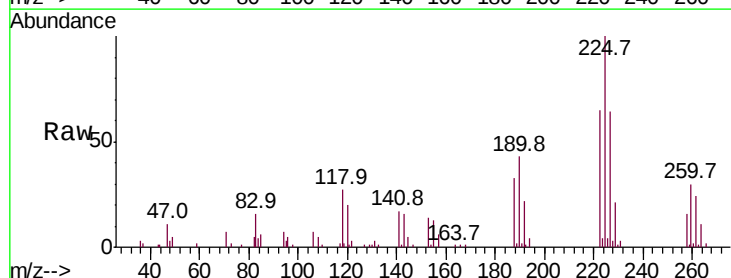
Instrument :
BNA_G
ClientSampleId :
W12-7MSD

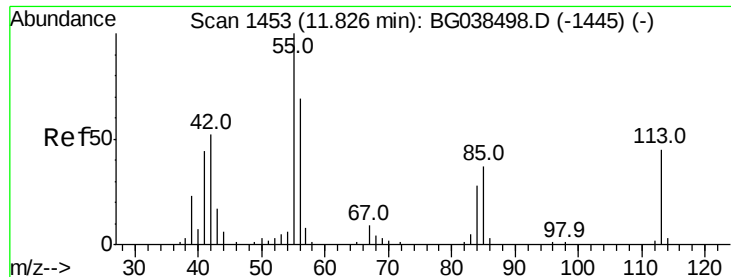
Tot Ion:	127	Resp:	39867
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.8	38.8
65	32.9	27.8	41.6
92	20.3	17.0	25.6



#34
Hexachlorobutadiene
Concen: 28.979 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

Tgt Ion:	225	Resp:	41495
Ion	Ratio	Lower	Upper
225	100		
223	66.4	45.0	67.6
227	64.4	50.6	75.8





#35

Caprolactam

Concen: 26.900 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampleId :

W12-7MSD

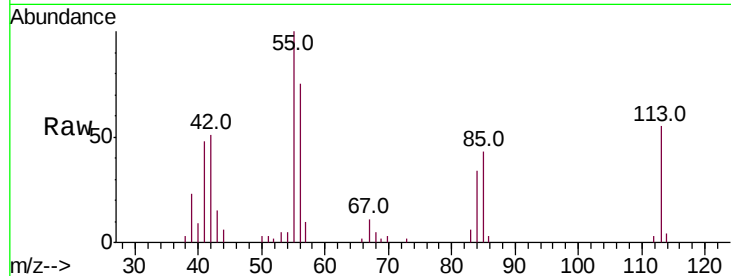
Tot Ion:113 Resp: 19503

Ion Ratio Lower Upper

113 100

55 182.4 204.3 244.3#

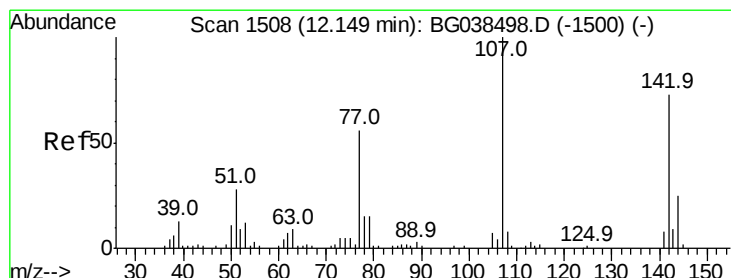
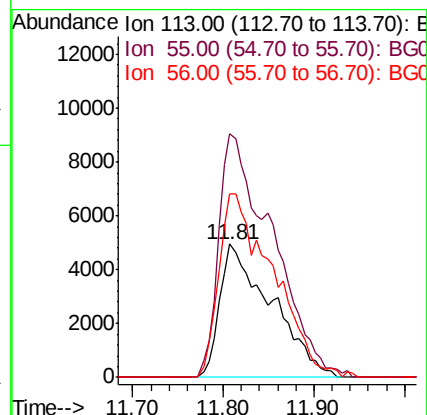
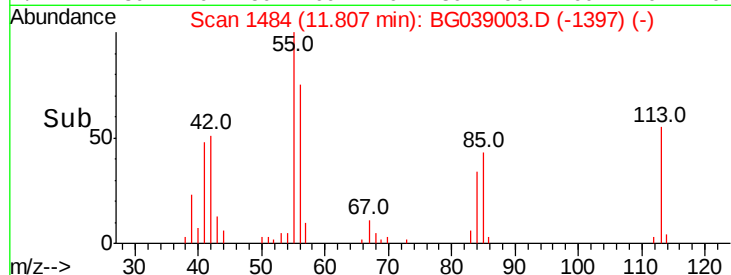
56 137.2 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG038498.D (-1445) (-)

Ion 56.00 (55.70 to 56.70): BG038498.D (-1445) (-)



#36

4-Chloro-3-methylphenol

Concen: 32.236 ng

RT: 12.14 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

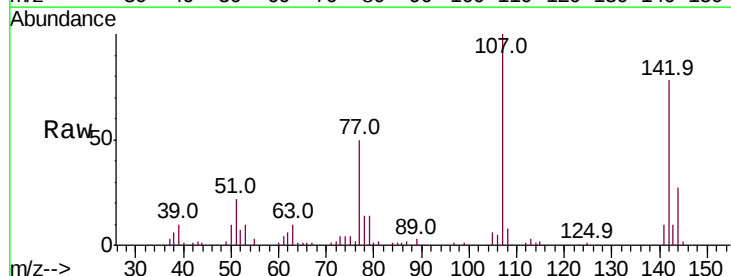
Tgt Ion:107 Resp: 64447

Ion Ratio Lower Upper

107 100

144 27.0 20.1 30.1

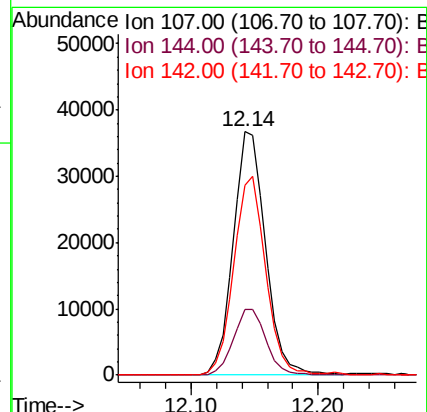
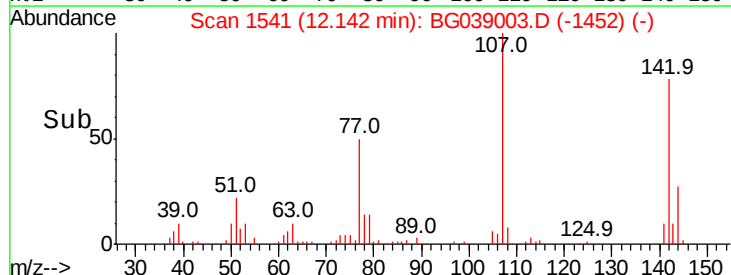
142 77.8 58.7 88.1

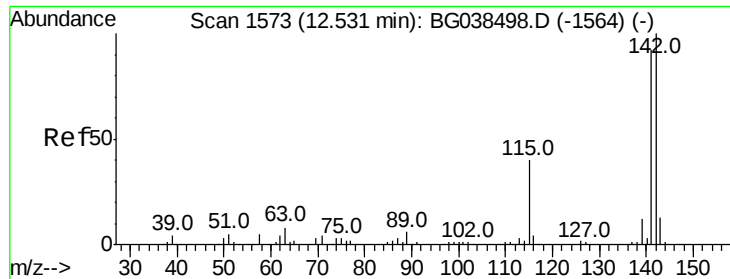


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

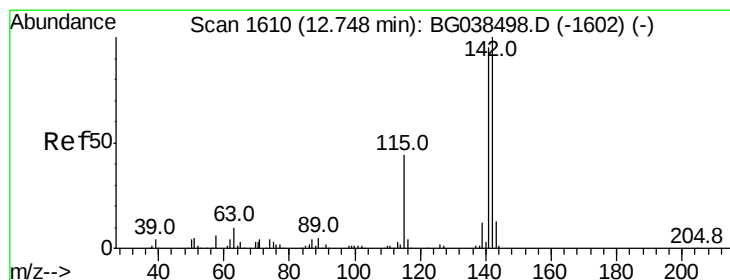
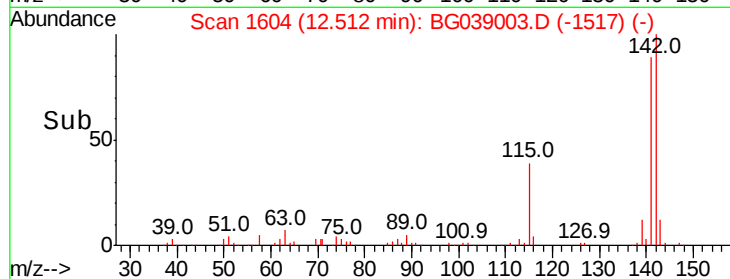
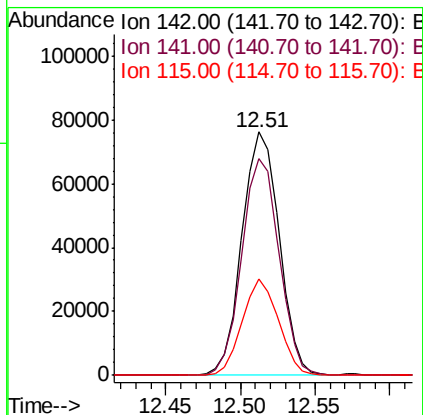
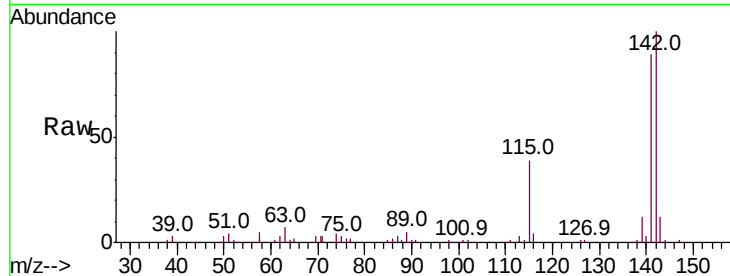




#37
2-Methylnaphthalene
Concen: 34.639 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

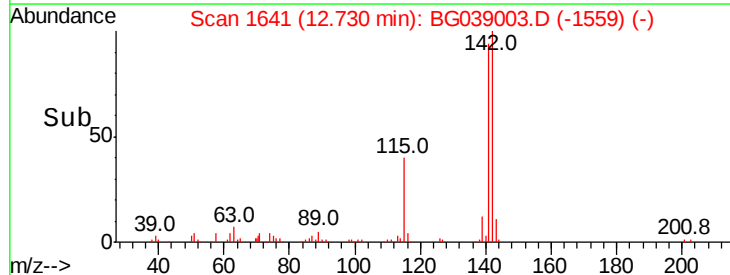
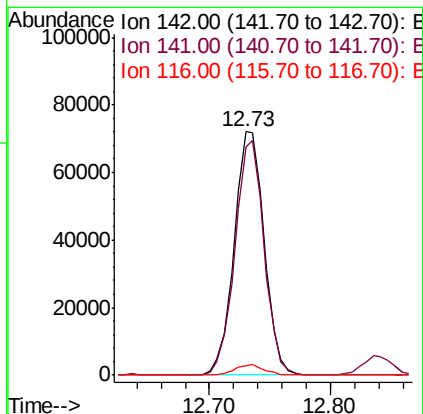
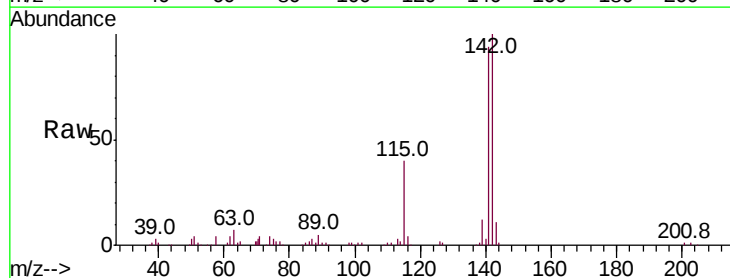
Instrument :
BNA_G
ClientSampleId :
W12-7MSD

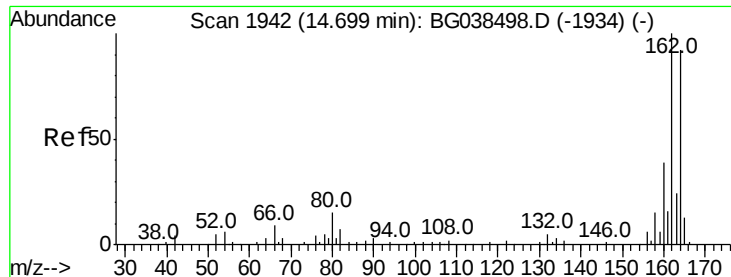
Tot Ion:142 Resp: 132006
Ion Ratio Lower Upper
142 100
141 88.8 73.5 110.3
115 39.5 31.7 47.5



#38
1-Methylnaphthalene
Concen: 33.689 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

Tgt Ion:142 Resp: 124582
Ion Ratio Lower Upper
142 100
141 93.7 75.8 113.8
116 4.0 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampleId :

W12-7MSD

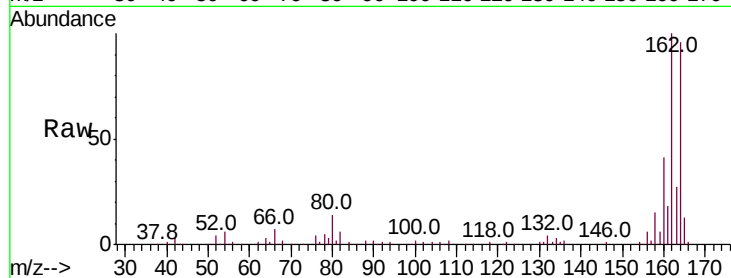
Tot Ion:164 Resp: 79163

Ion Ratio Lower Upper

164 100

162 104.4 86.6 130.0

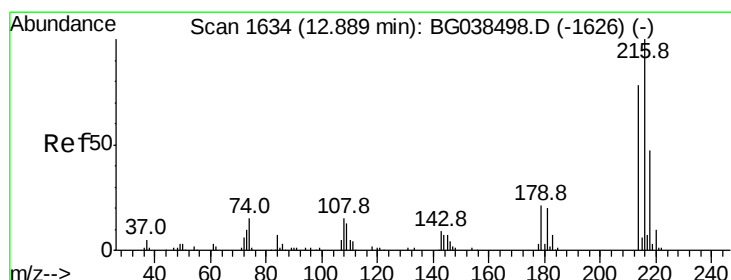
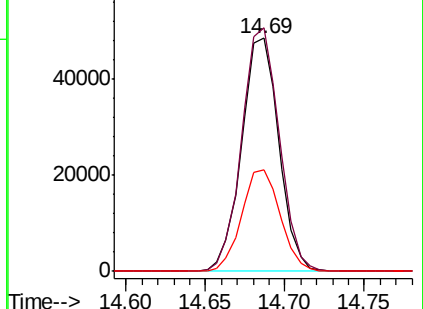
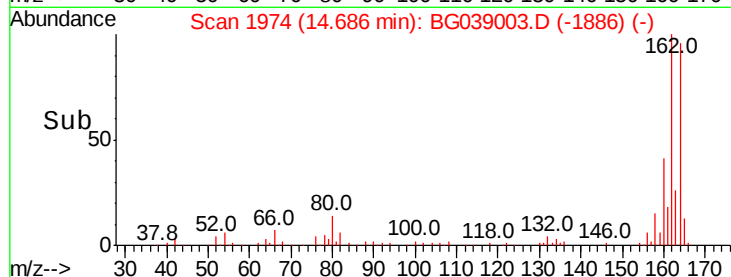
160 43.3 34.2 51.2



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: 28.508 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Tgt Ion:216 Resp: 84358

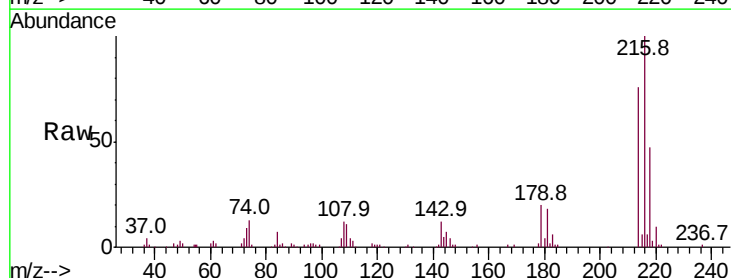
Ion Ratio Lower Upper

216 100

214 77.7 64.1 96.1

179 19.1 16.4 24.6

108 15.3 13.9 20.9

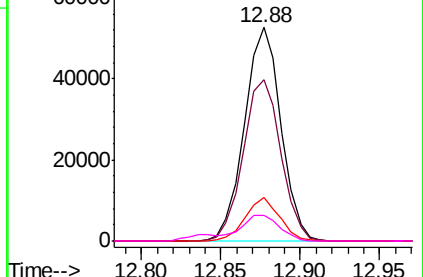
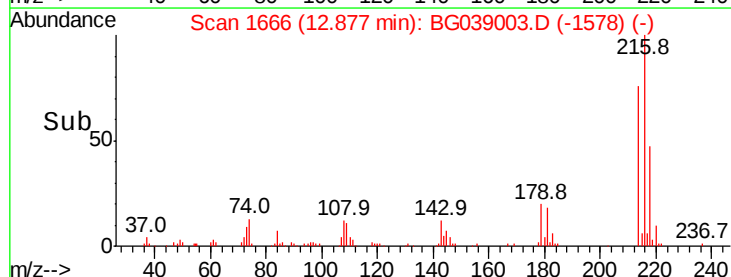


Abundance Ion 216.00 (215.70 to 216.70): E

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: 59.346 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampleId :

W12-7MSD

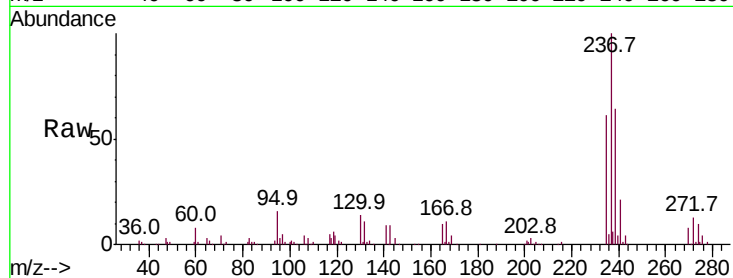
Tot Ion:237 Resp: 96480

Ion	Ratio	Lower	Upper
237	100		
235	60.9	38.8	78.8
272	13.1	0.0	32.0

237 100

235 60.9 38.8 78.8

272 13.1 0.0 32.0

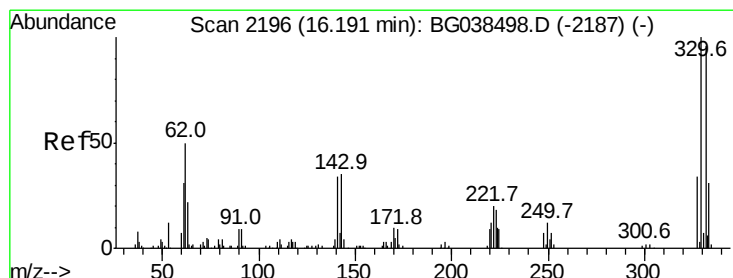
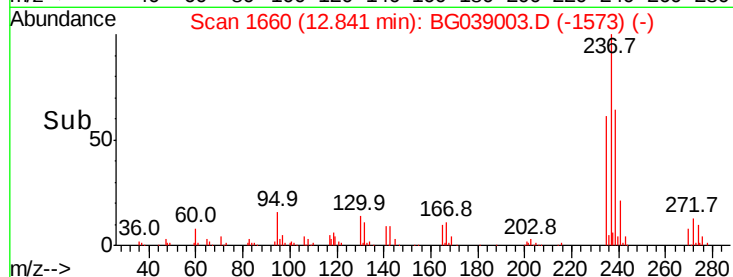
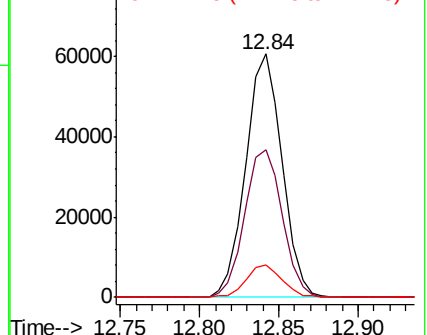


Abundance

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: 107.640 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

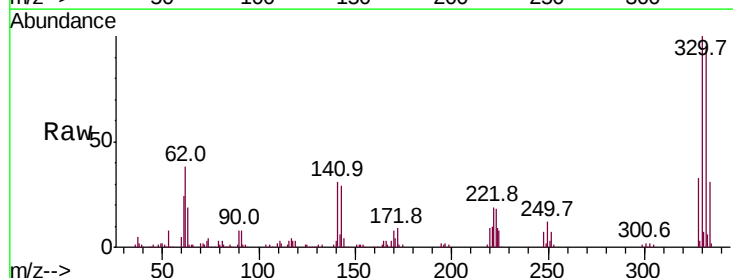
Tgt Ion:330 Resp: 117436

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.9	115.3
141	31.0	28.8	43.2

330 100

332 95.4 76.9 115.3

141 31.0 28.8 43.2

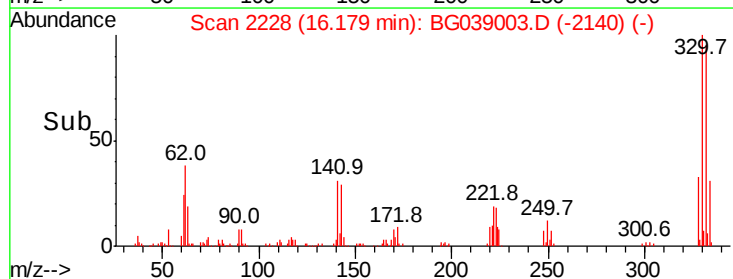
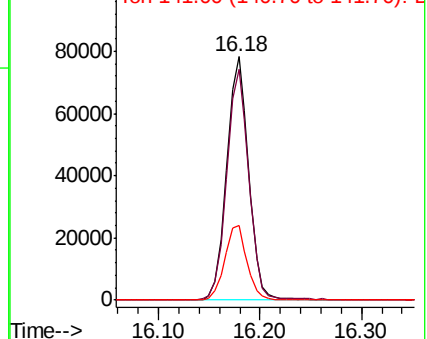


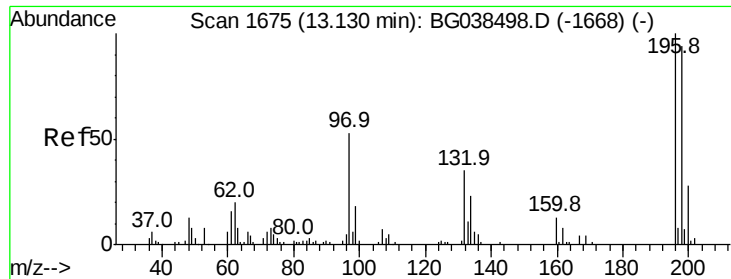
Abundance

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

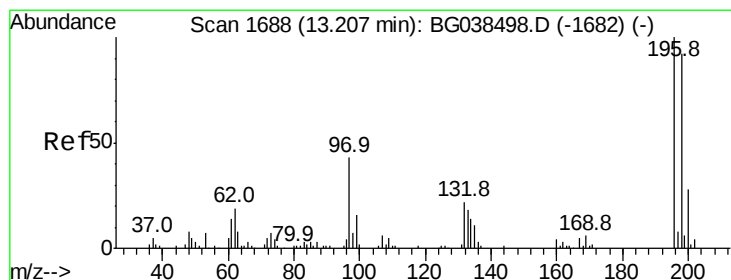
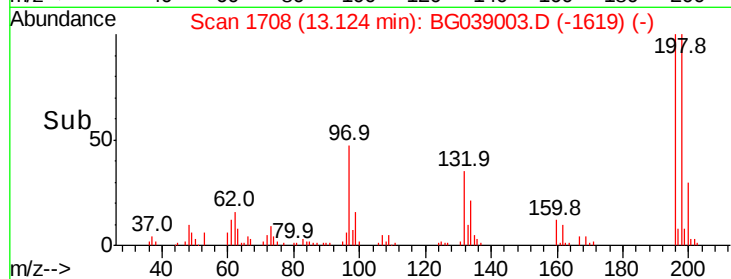
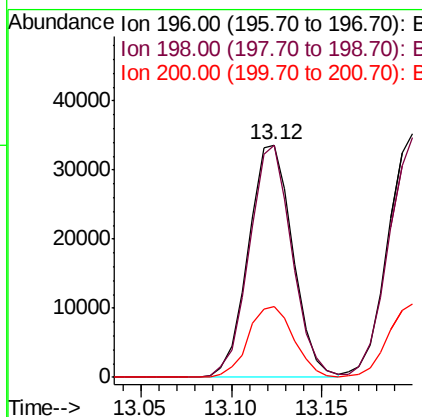
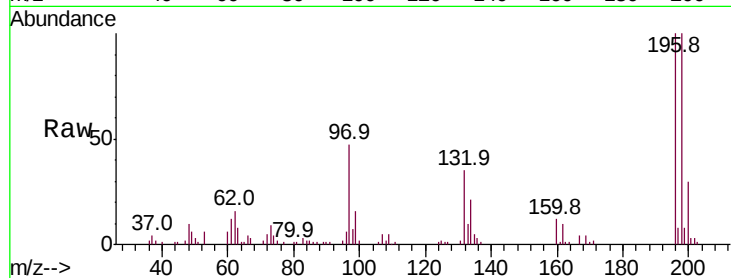




#43
 2,4,6-Trichlorophenol
 Concen: 31.551 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

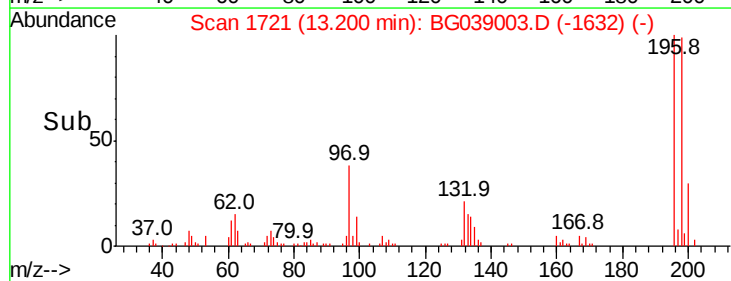
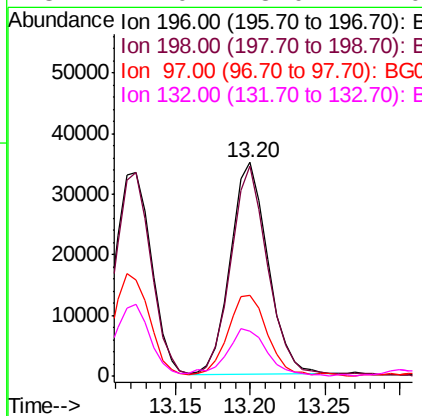
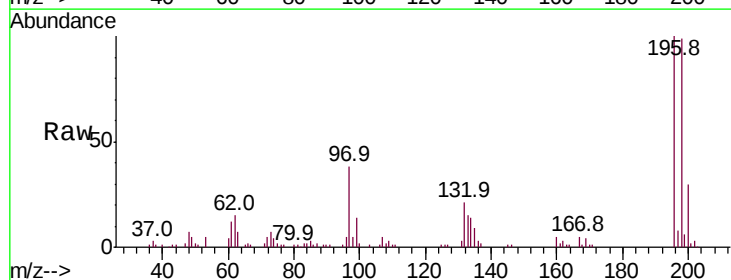
Instrument :
 BNA_G
 ClientSampleId :
 W12-7MSD

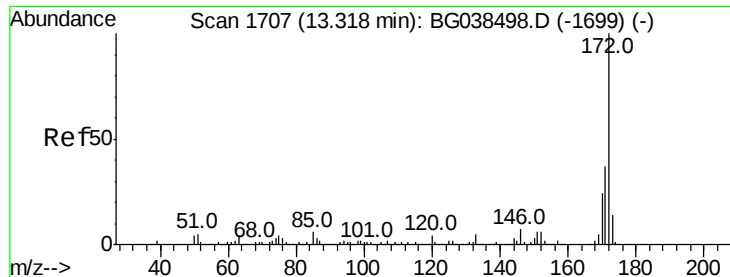
Tot Ion:196 Resp: 57405
 Ion Ratio Lower Upper
 196 100
 198 99.6 75.0 112.4
 200 30.3 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 31.891 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

Tgt Ion:196 Resp: 61434
 Ion Ratio Lower Upper
 196 100
 198 98.5 74.0 111.0
 97 37.6 35.1 52.7
 132 21.0 18.0 27.0

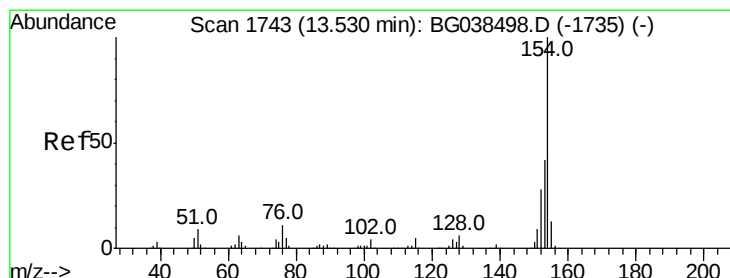
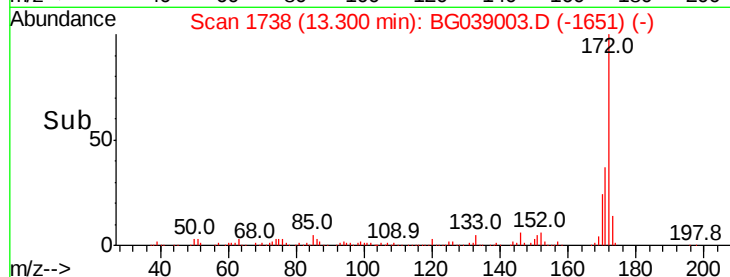
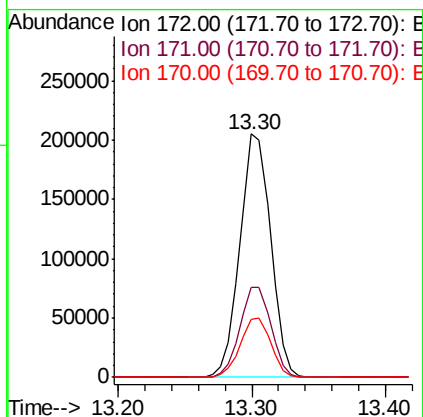
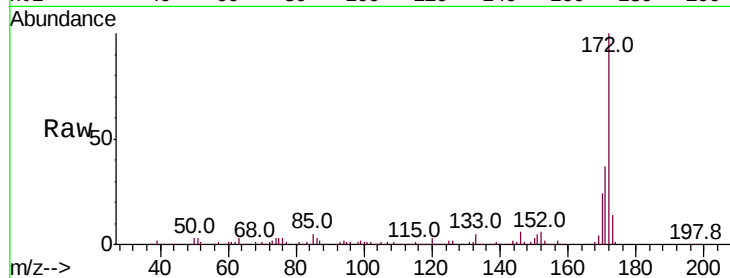




#45
2-Fluorobiphenyl
Concen: 56.807 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

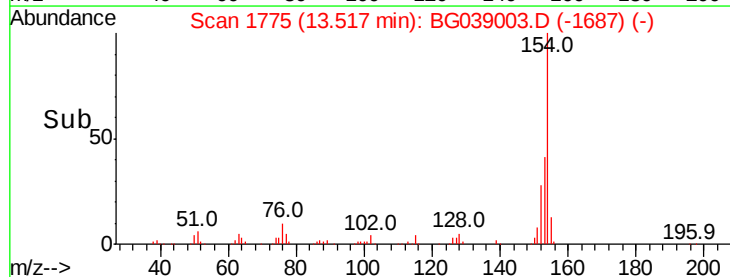
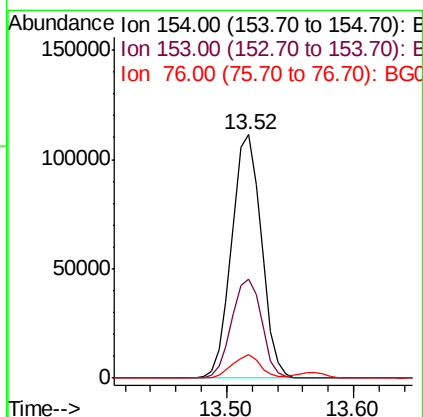
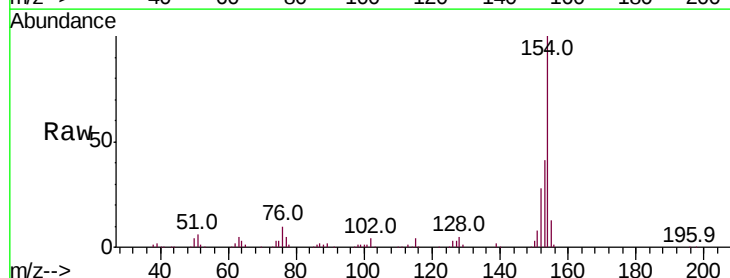
Instrument :
BNA_G
ClientSampleId :
W12-7MSD

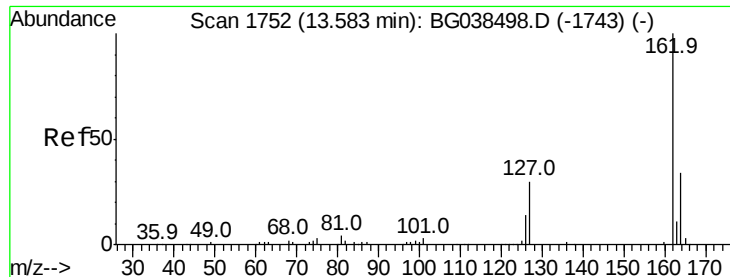
Tot Ion:172 Resp: 327808
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.1 19.5 29.3



#46
1,1'-Biphenyl
Concen: 27.084 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

Tgt Ion:154 Resp: 179740
Ion Ratio Lower Upper
154 100
153 40.9 22.1 62.1
76 9.8 0.0 31.2

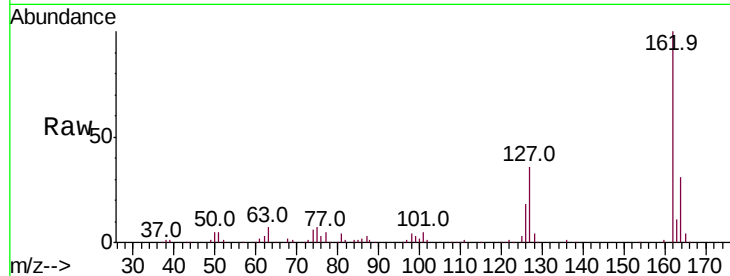




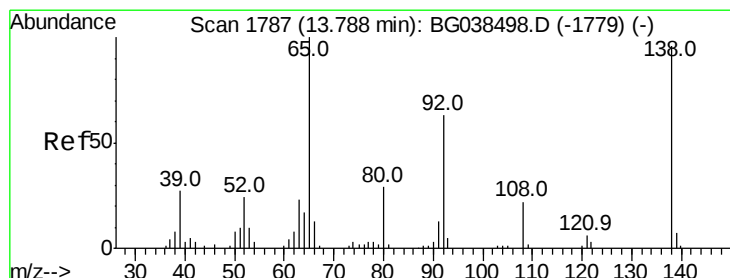
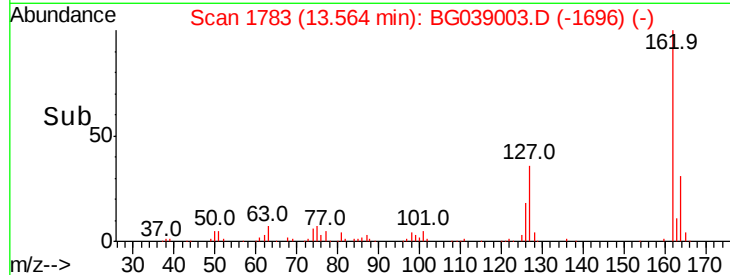
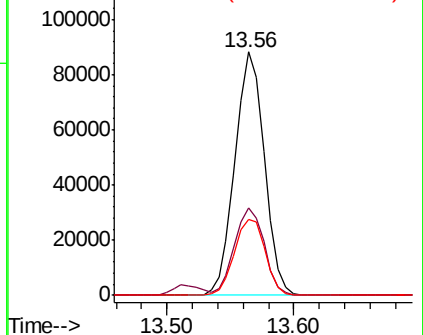
#47
 2-Chloronaphthalene
 Concen: 27.690 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

Instrument :
 BNA_G
 ClientSampleId :
 W12-7MSD

Tot Ion:162 Resp: 141945
 Ion Ratio Lower Upper
 162 100
 127 35.8 27.8 41.8
 164 31.2 26.9 40.3

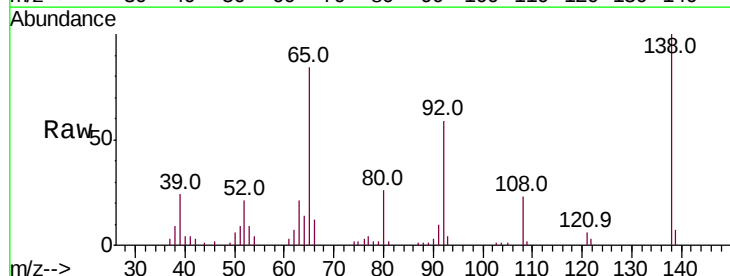


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

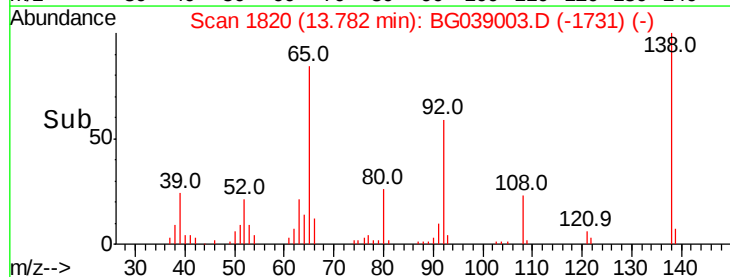
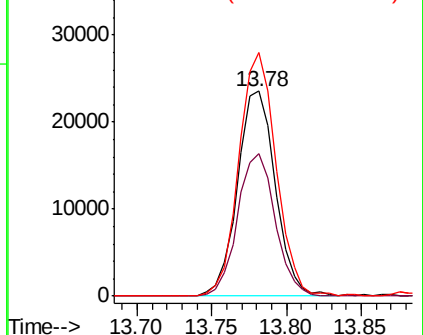


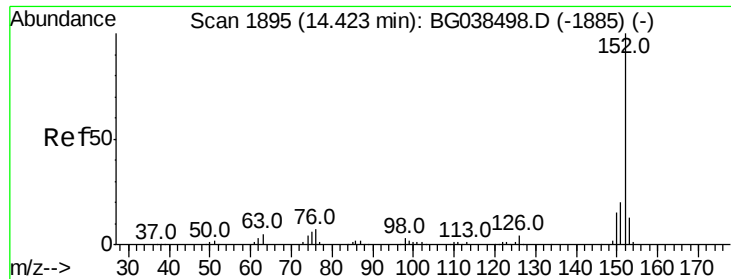
#48
 2-Nitroaniline
 Concen: 25.430 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

Tgt Ion: 65 Resp: 41524
 Ion Ratio Lower Upper
 65 100
 92 69.6 50.0 75.0
 138 118.7 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: 30.875 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampleId :

W12-7MSD

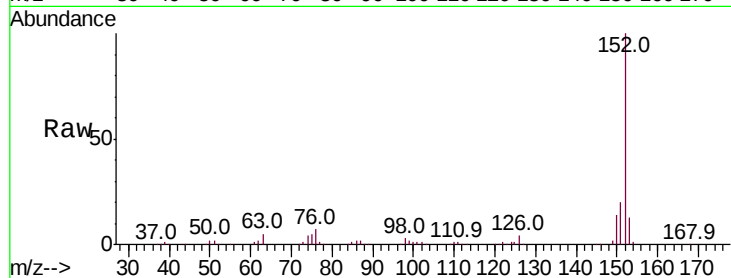
Tot Ion:152 Resp: 236613

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

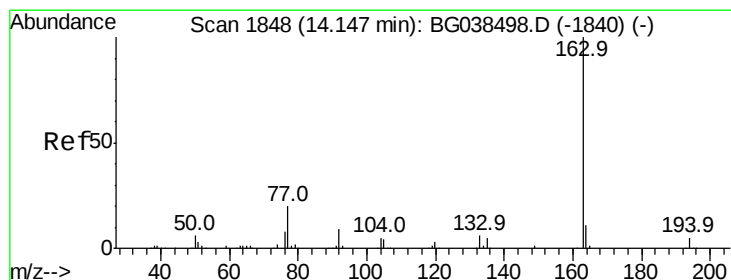
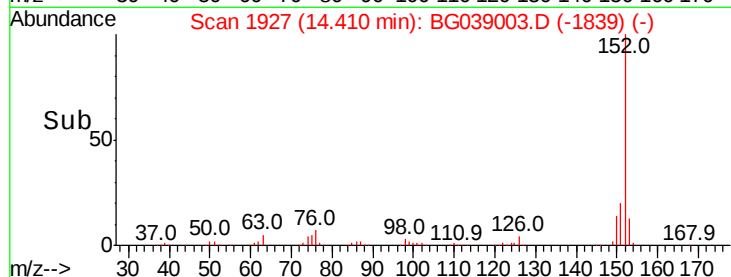
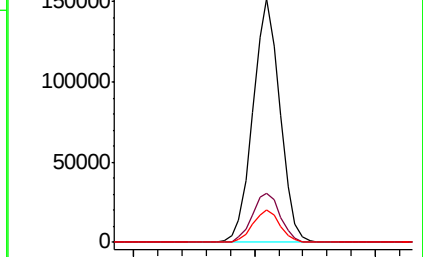
153 13.1 10.4 15.6



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: 34.377 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

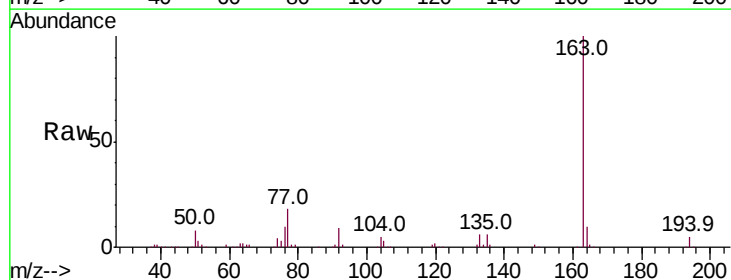
Tgt Ion:163 Resp: 222235

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

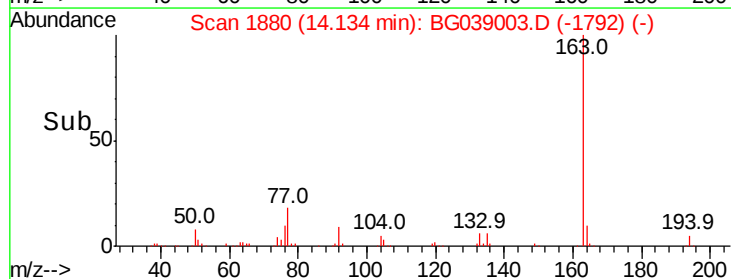
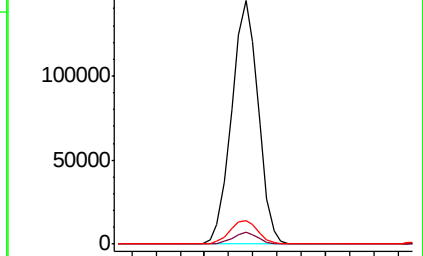
164 9.6 8.6 12.8

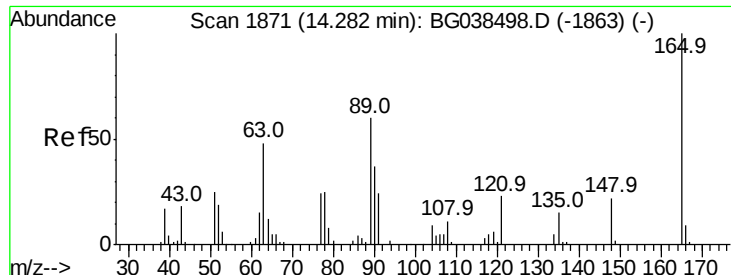


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 29.851 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampled :

W12-7MSD

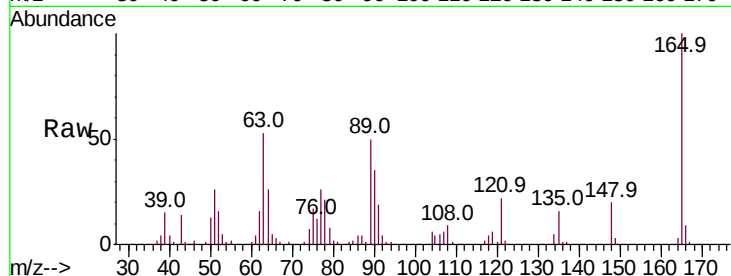
Tot Ion:165 Resp: 43732

Ion Ratio Lower Upper

165 100

63 52.8 51.8 77.6

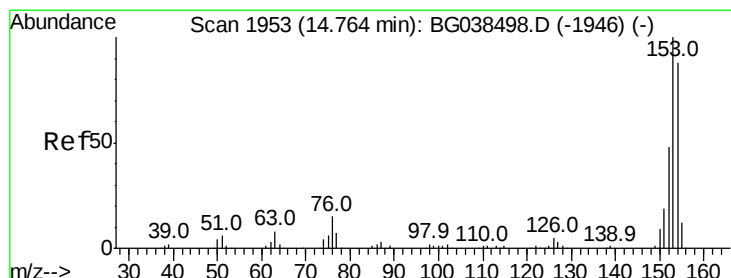
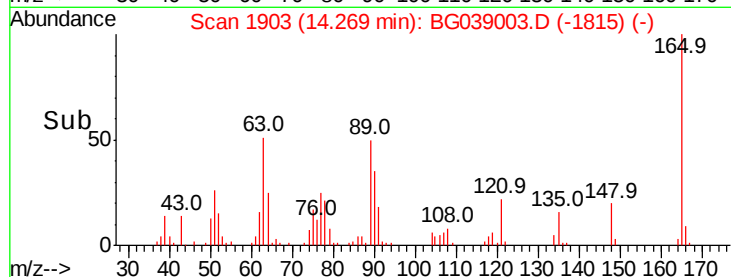
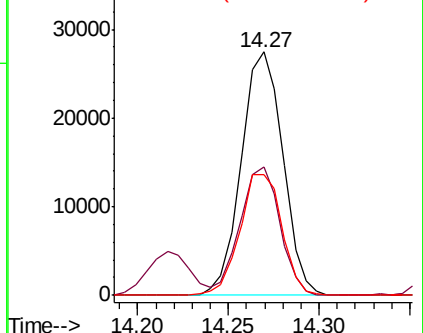
89 49.8 47.9 71.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 28.965 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

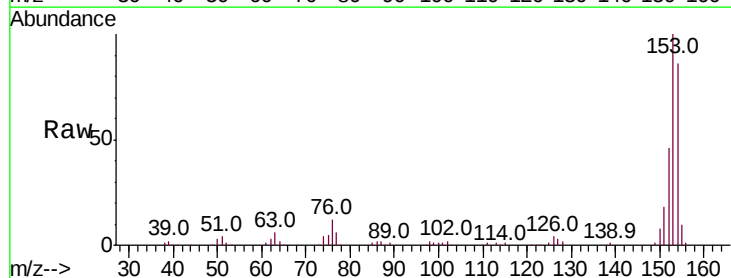
Tgt Ion:154 Resp: 132734

Ion Ratio Lower Upper

154 100

153 116.3 90.6 136.0

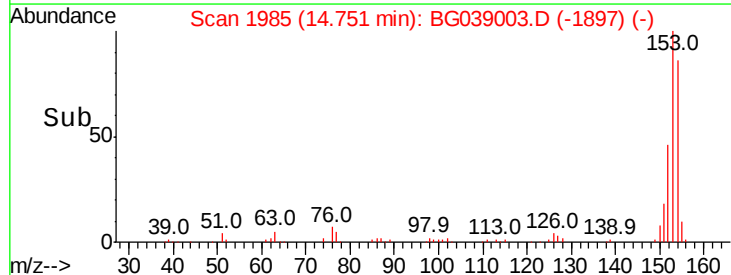
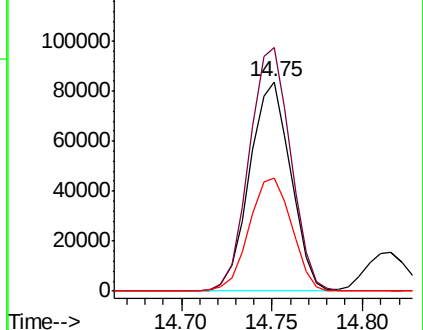
152 53.7 43.5 65.3

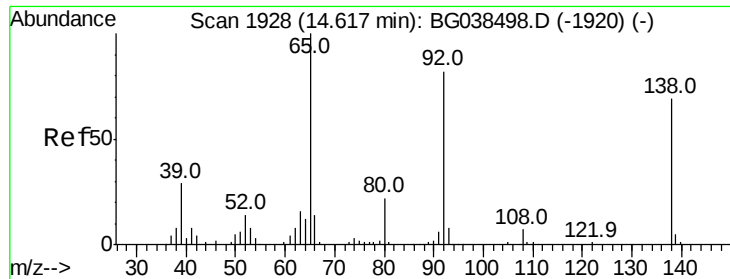


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 17.552 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampleId :

W12-7MSD

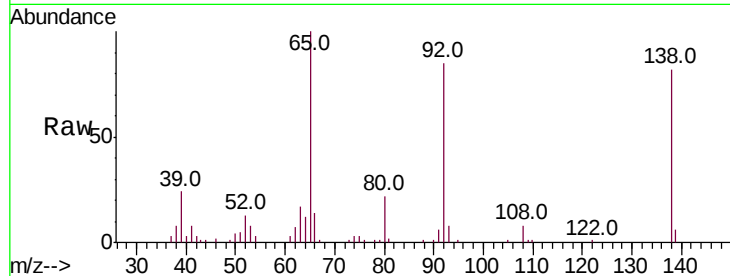
Tot Ion:138 Resp: 26212

Ion Ratio Lower Upper

138 100

108 9.8 7.9 11.9

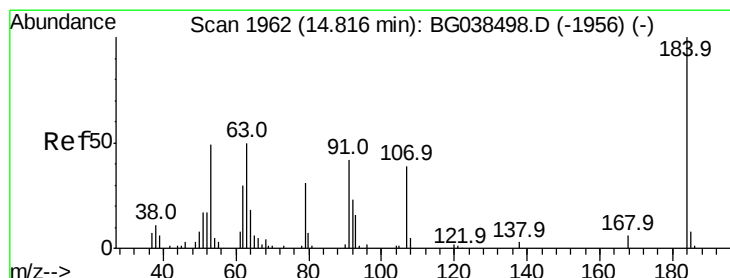
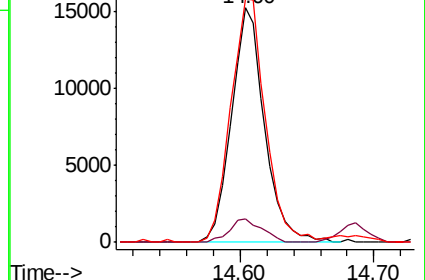
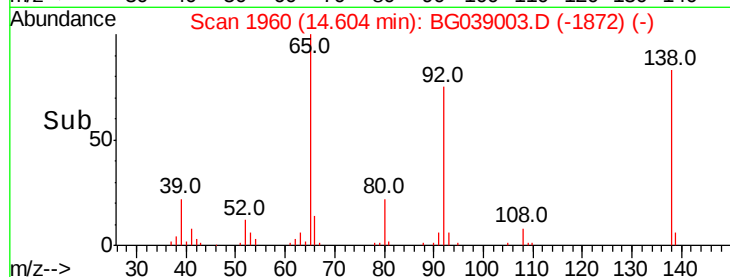
92 103.8 95.3 142.9



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: 52.753 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

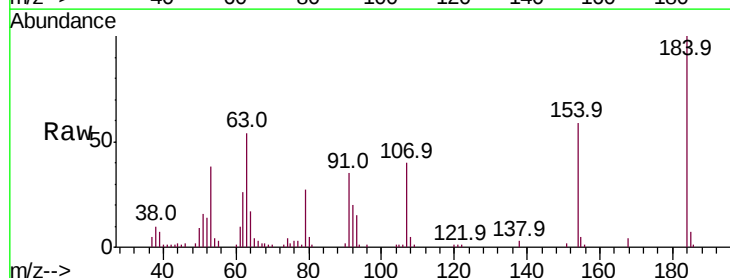
Tgt Ion:184 Resp: 44339

Ion Ratio Lower Upper

184 100

63 54.4 47.0 70.6

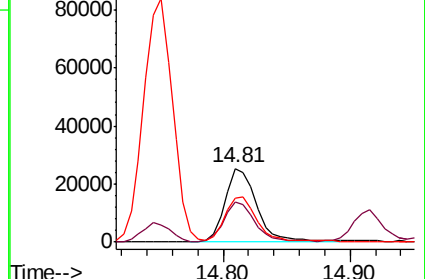
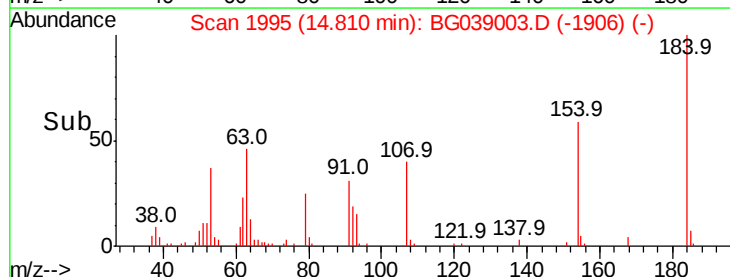
154 58.7 50.3 75.5

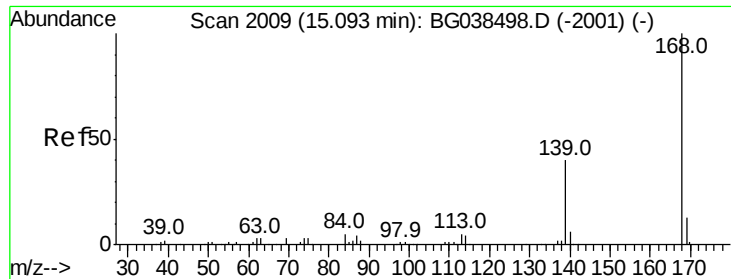


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

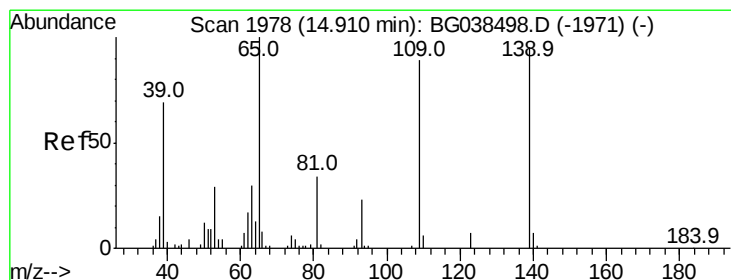
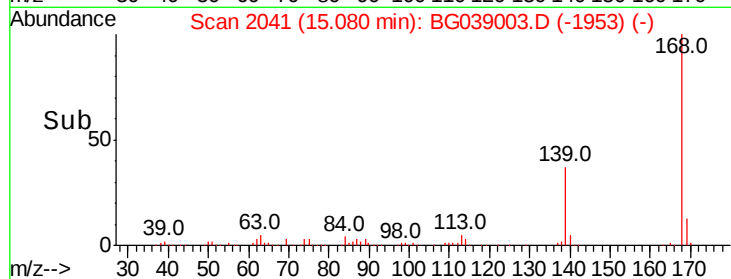
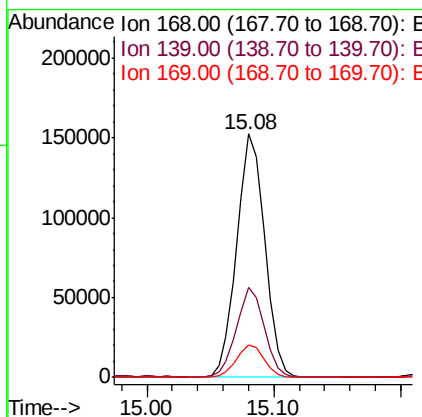
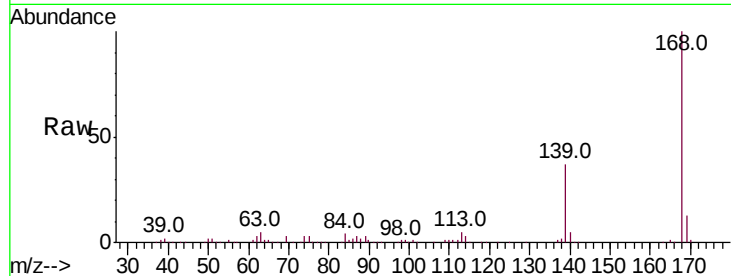




#55
Dibenzenofuran
Concen: 29.672 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

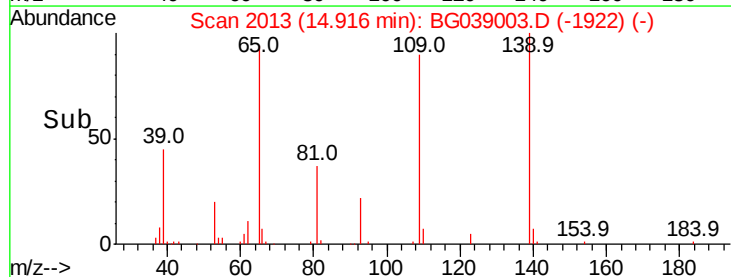
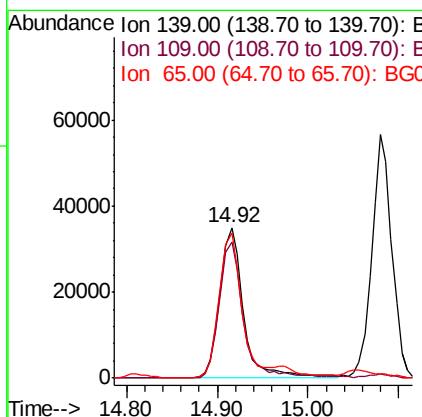
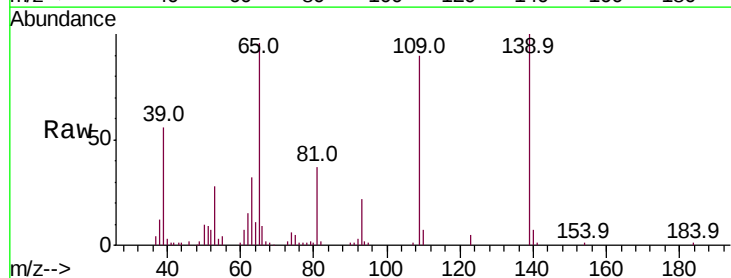
Instrument :
BNA_G
ClientSampleId :
W12-7MSD

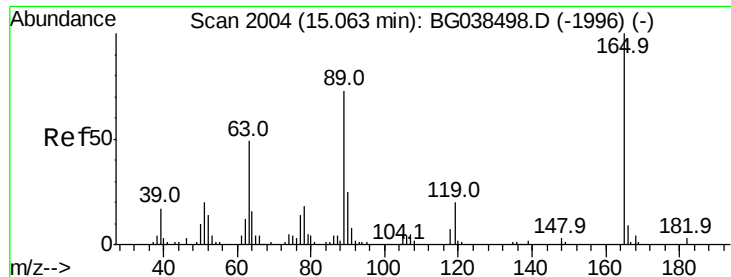
Tot Ion:168 Resp: 233080
Ion Ratio Lower Upper
168 100
139 37.1 32.2 48.2
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 56.448 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

Tgt Ion:139 Resp: 63952
Ion Ratio Lower Upper
139 100
109 90.3 73.6 113.6
65 95.9 84.8 124.8

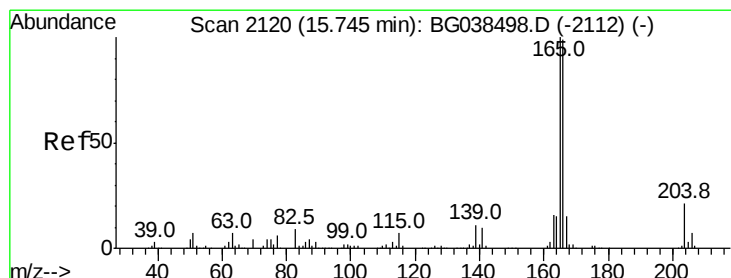
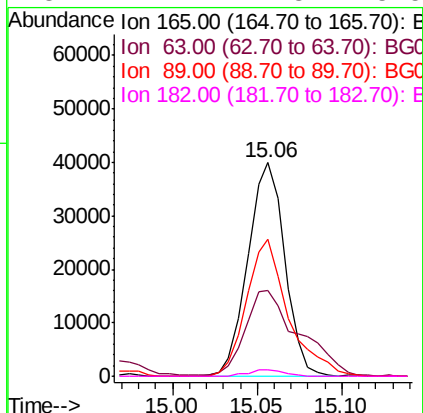
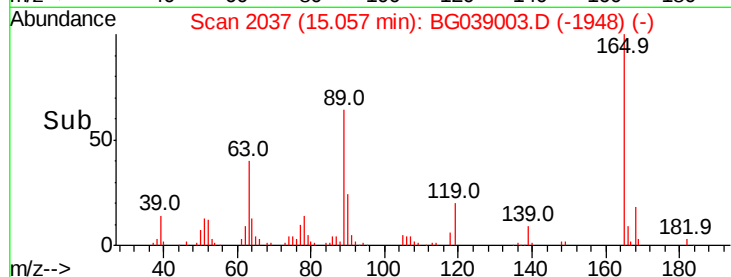
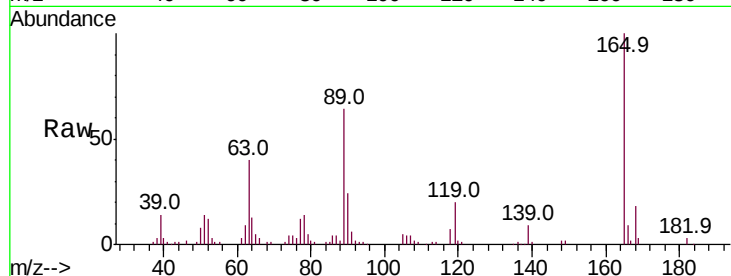




#57
2,4-Dinitrotoluene
Concen: 29.513 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

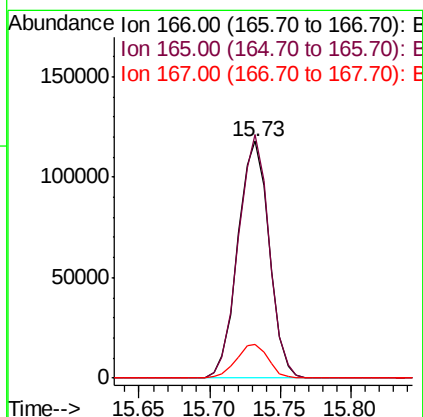
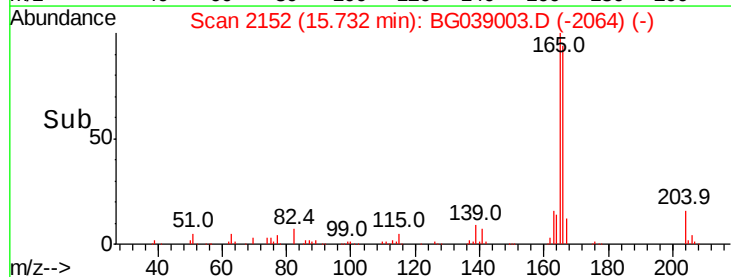
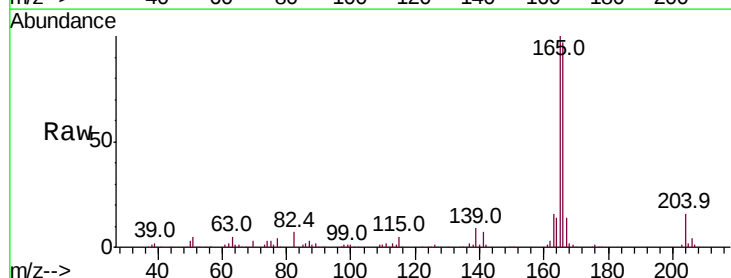
Instrument :
BNA_G
ClientSampleId :
W12-7MSD

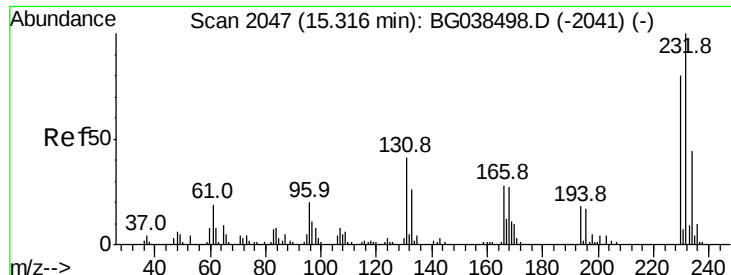
Tot Ion:165 Resp: 60898
Ion Ratio Lower Upper
165 100
63 40.4 39.0 58.4
89 64.2 58.0 87.0
182 2.7 2.3 3.5



#58
Fluorene
Concen: 31.485 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

Tgt Ion:166 Resp: 183235
Ion Ratio Lower Upper
166 100
165 102.7 80.6 120.8
167 14.1 12.0 18.0

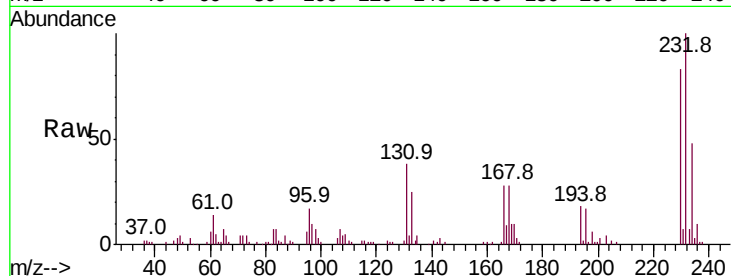




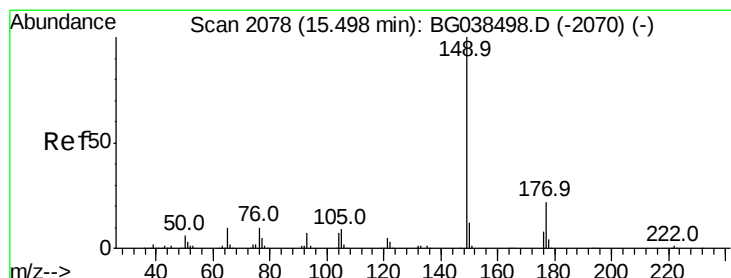
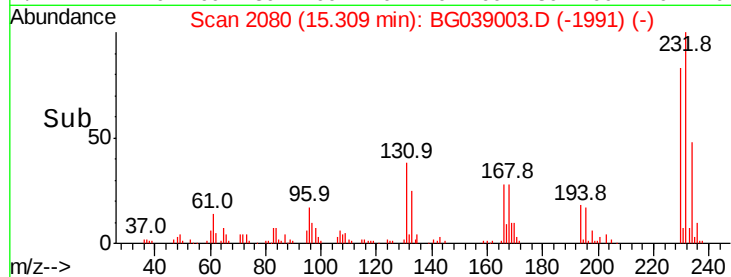
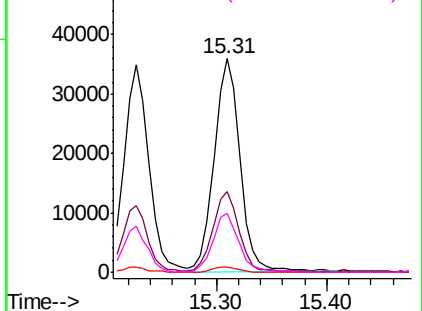
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.607 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

Instrument :
 BNA_G
 ClientSampleId :
 W12-7MSD

Tot Ion:232 Resp: 58245
 Ion Ratio Lower Upper
 232 100
 131 38.8 33.0 49.4
 130 2.3 2.0 3.0
 166 27.7 23.1 34.7

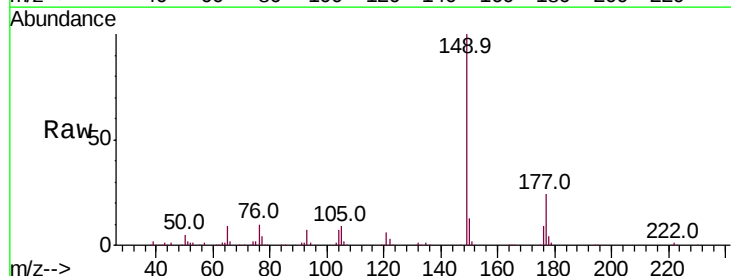


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

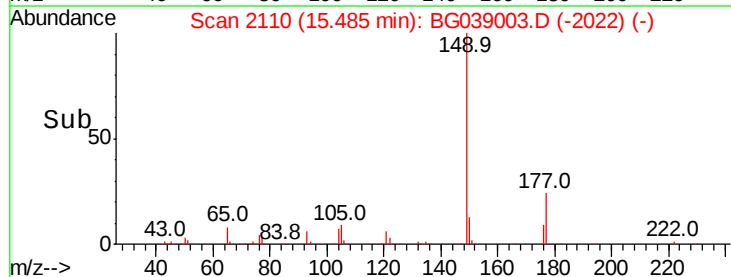
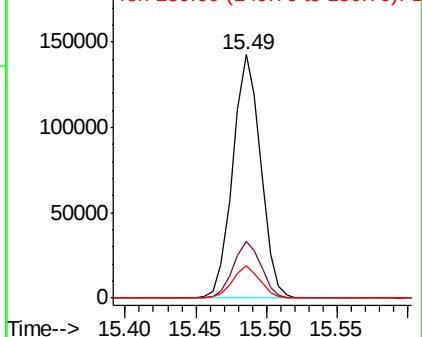


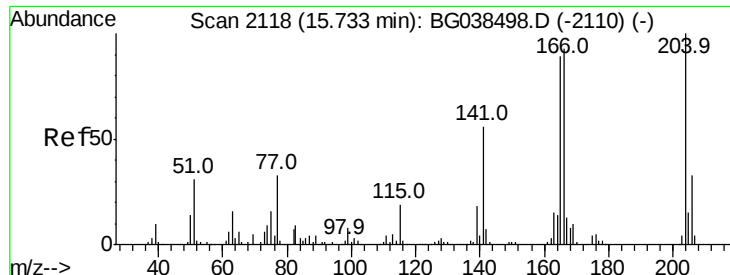
#60
 Diethylphthalate
 Concen: 27.588 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

Tgt Ion:149 Resp: 195788
 Ion Ratio Lower Upper
 149 100
 177 23.5 17.7 26.5
 150 13.3 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

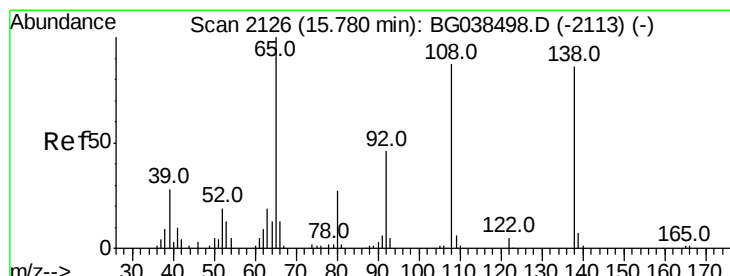
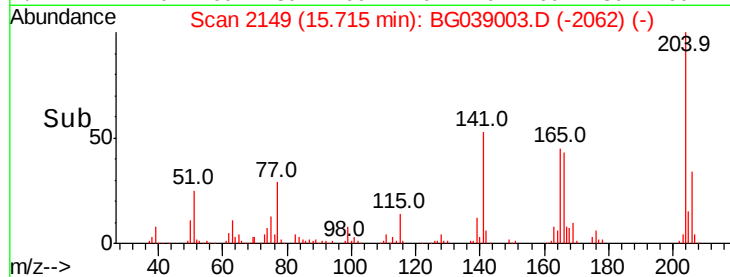
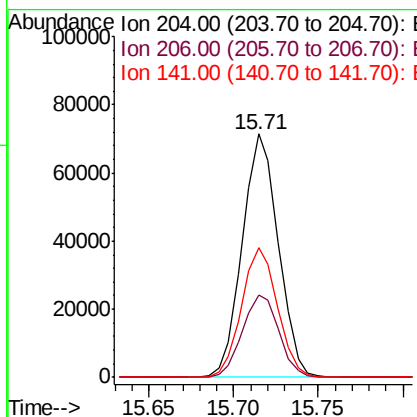
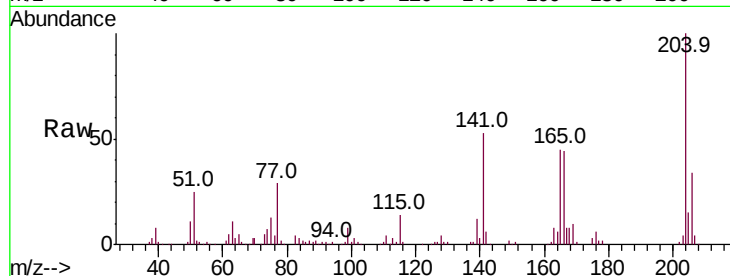




#61
 4-Chlorophenyl-phenylether
 Concen: 29.176 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

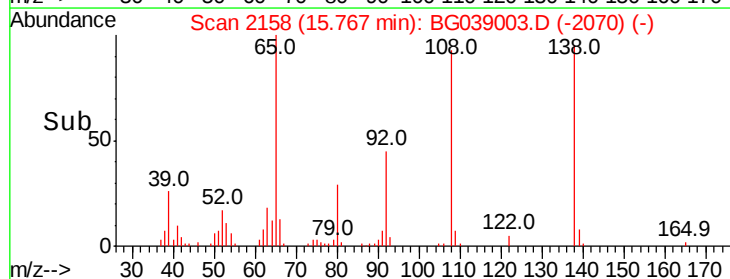
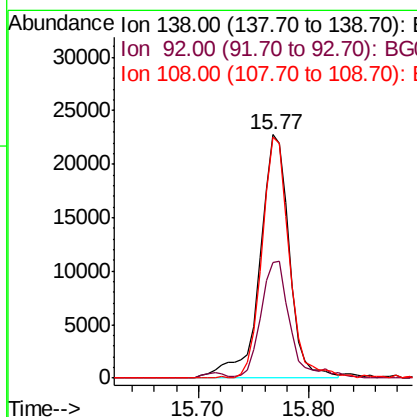
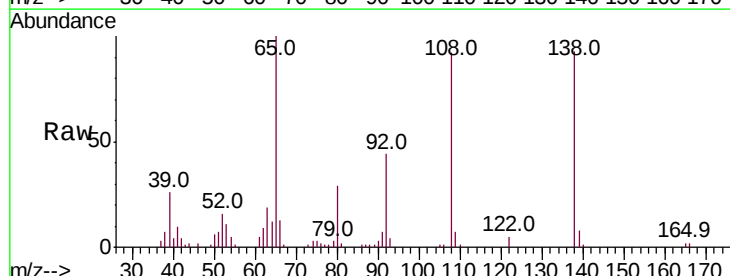
Instrument :
 BNA_G
 ClientSampleID :
 W12-7MSD

Tot Ion:	204	Resp:	105941
Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.0	39.0
141	53.5	44.4	66.6



#62
 4-Nitroaniline
 Concen: 27.737 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

Tgt Ion:	138	Resp:	42645
Ion	Ratio	Lower	Upper
138	100		
92	47.4	33.3	73.3
108	98.9	81.4	121.4





#63

Azobenzene

Concen: 25.233 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampleId :

W12-7MSD

Tot Ion: 77 Resp: 149598

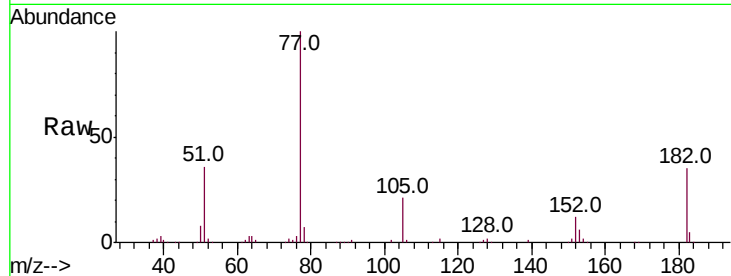
Ion Ratio Lower Upper

77 100

182 34.7 8.7 48.7

105 21.3 0.0 38.7

51 35.6 16.6 56.6

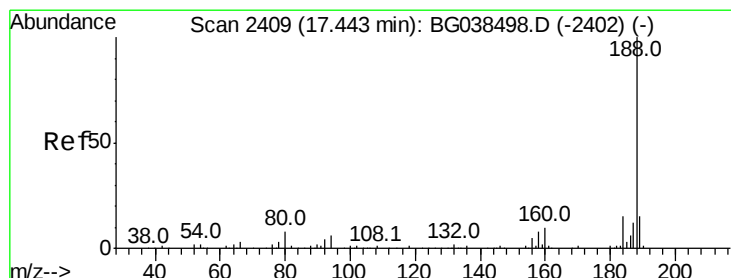
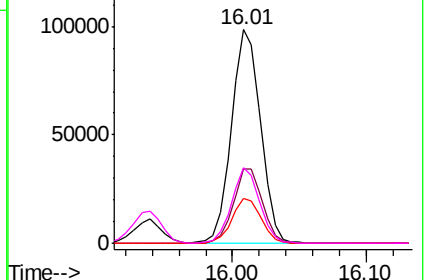
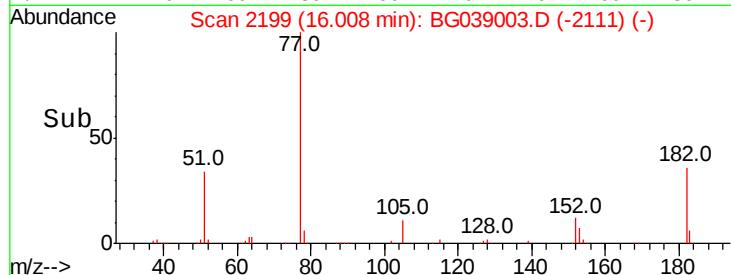


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039003.D

Acq: 8 Jan 2019 21:10

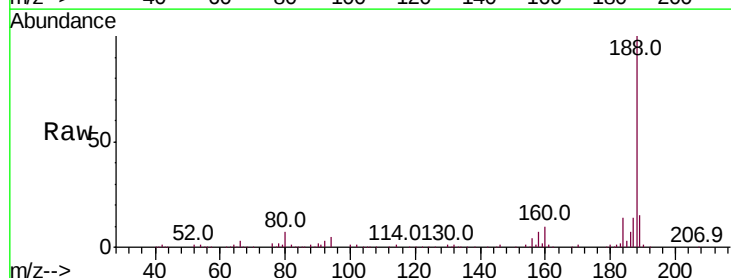
Tgt Ion: 188 Resp: 192325

Ion Ratio Lower Upper

188 100

94 5.1 5.1 7.7#

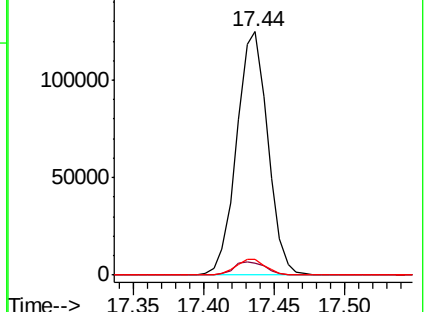
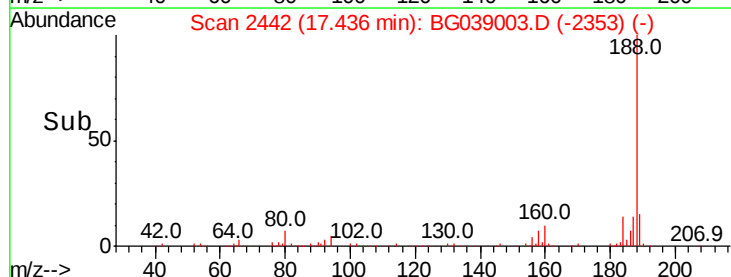
80 6.5 6.1 9.1

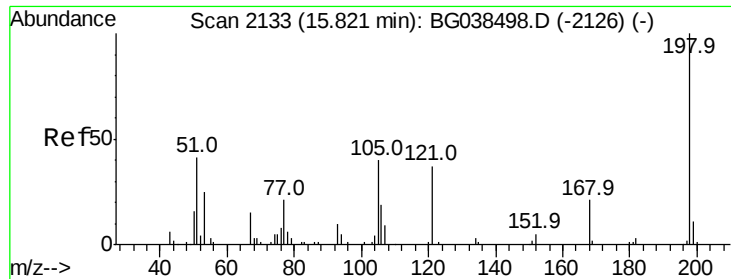


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 27.712 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampleId :

W12-7MSD

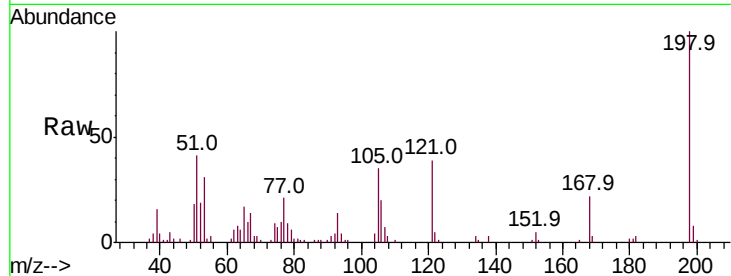
Tot Ion:198 Resp: 38019

Ion Ratio Lower Upper

198 100

51 40.8 28.6 68.6

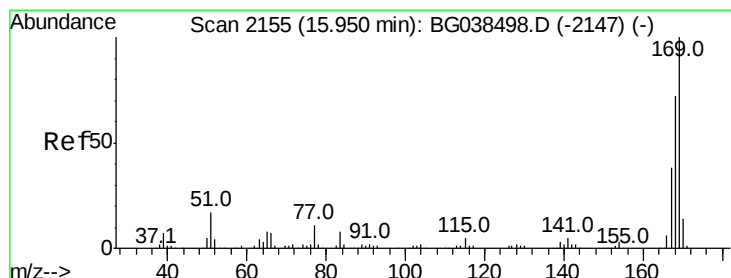
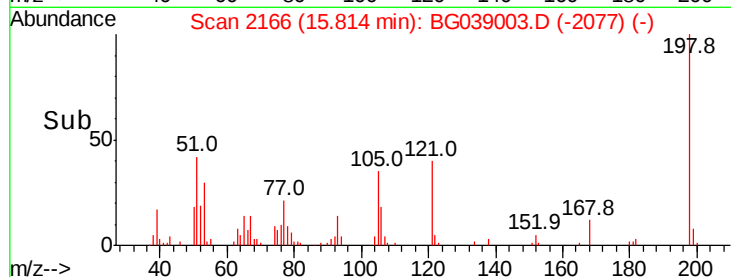
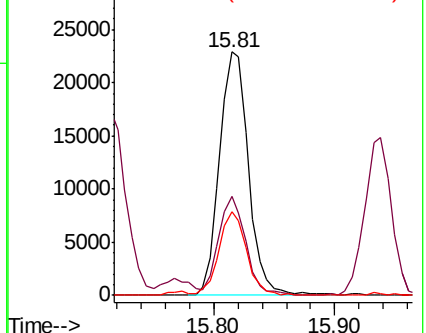
105 34.6 20.4 60.4



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: 30.042 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

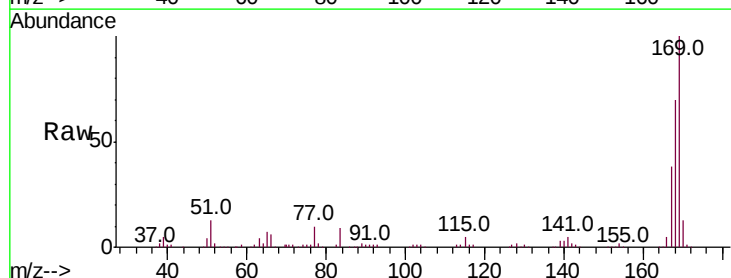
Tgt Ion:169 Resp: 169766

Ion Ratio Lower Upper

169 100

168 69.7 57.5 86.3

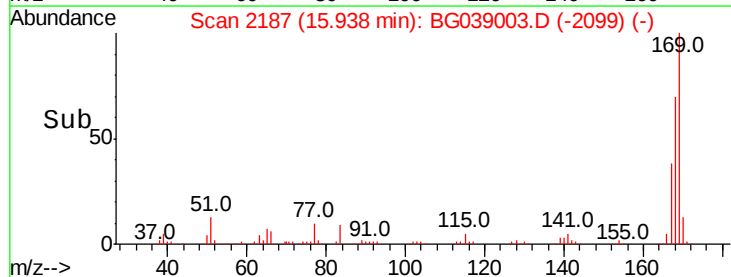
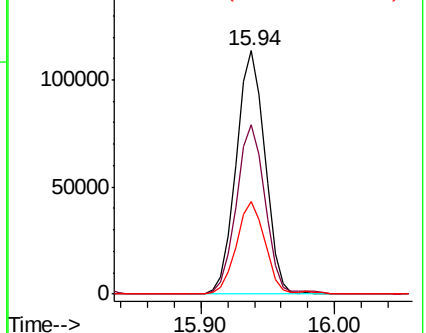
167 37.8 30.2 45.2



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

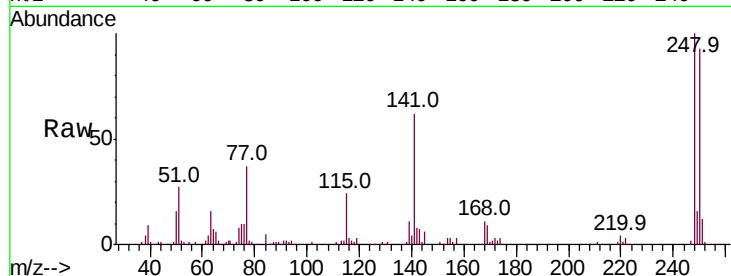




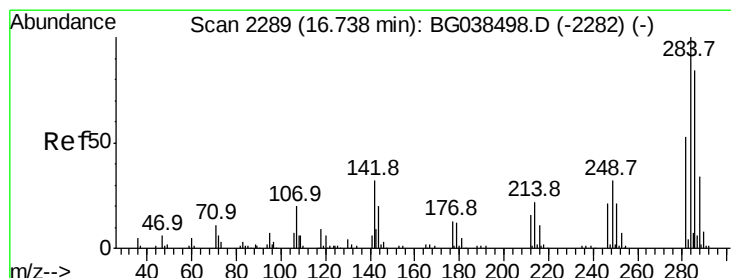
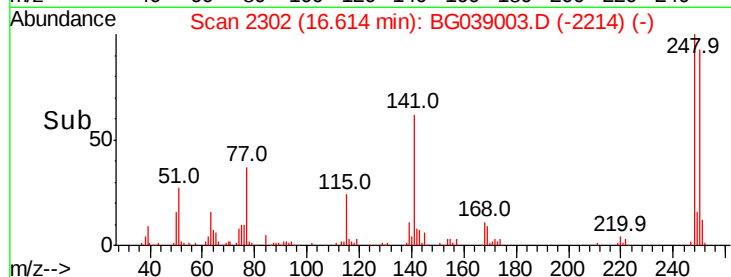
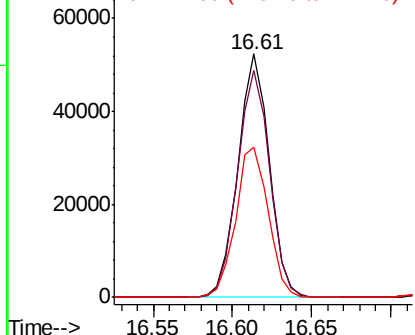
#67
 4-Bromophenyl-phenylether
 Concen: 30.501 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

Instrument :
 BNA_G
 ClientSampleId :
 W12-7MSD

Tot Ion:248 Resp: 71642
 Ion Ratio Lower Upper
 248 100
 250 93.1 73.4 110.2
 141 61.6 52.9 79.3

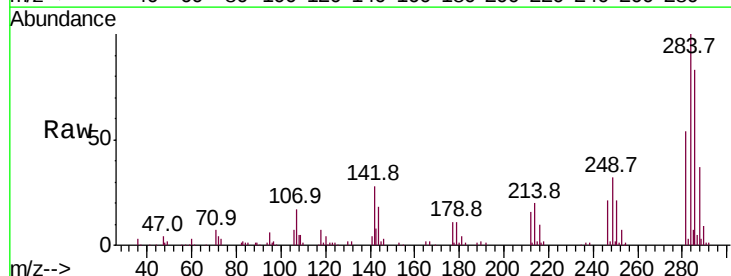


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

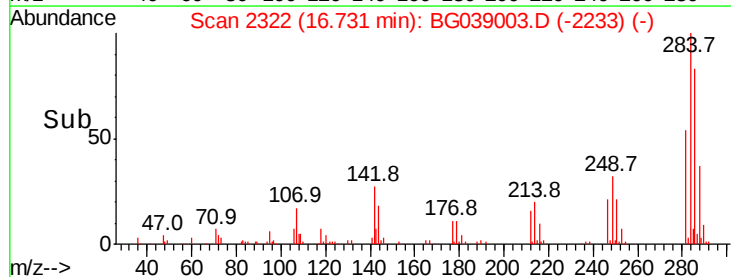
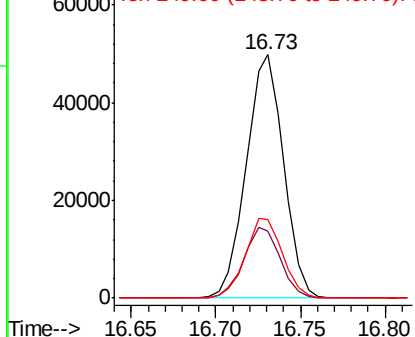


#68
 Hexachlorobenzene
 Concen: 31.246 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

Tgt Ion:284 Resp: 76080
 Ion Ratio Lower Upper
 284 100
 142 27.8 25.8 38.6
 249 34.4 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: 32.924 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampleId :

W12-7MSD

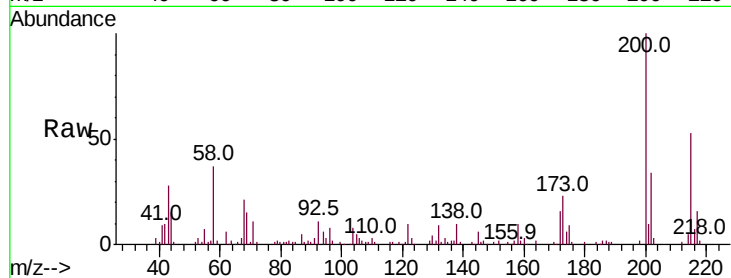
Tot Ion:200 Resp: 69046

Ion Ratio Lower Upper

200 100

173 23.4 5.9 45.9

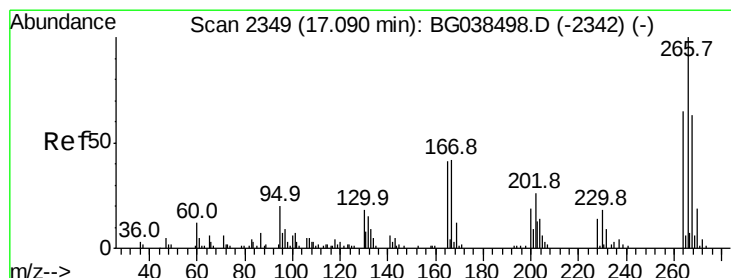
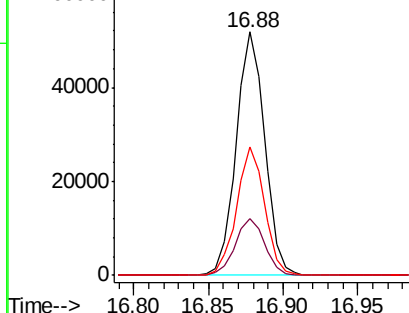
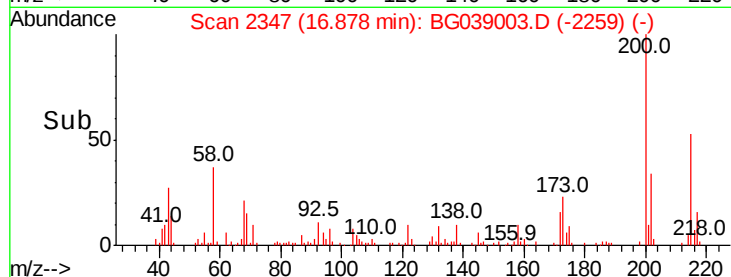
215 52.8 33.1 73.1



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: 57.113 ng

RT: 17.08 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

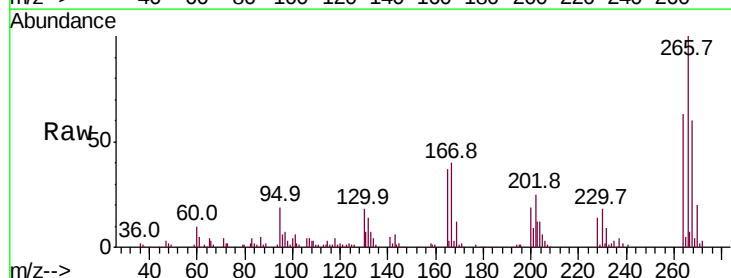
Tgt Ion:266 Resp: 82252

Ion Ratio Lower Upper

266 100

268 64.1 55.0 82.6

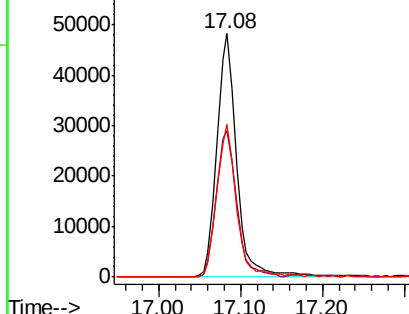
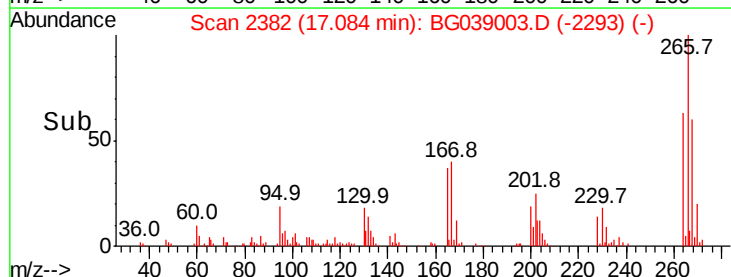
264 62.8 56.7 85.1

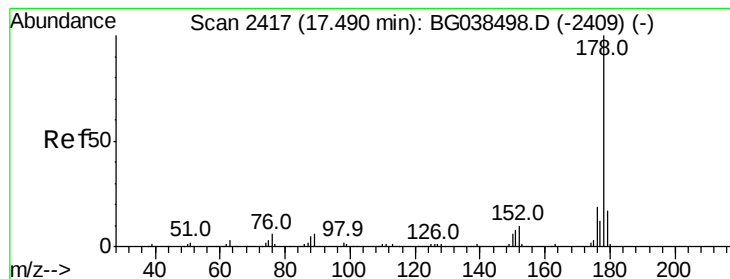


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 31.431 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampleId :

W12-7MSD

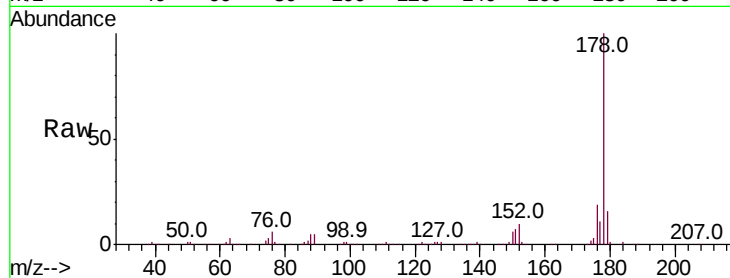
Tot Ion:178 Resp: 313473

Ion Ratio Lower Upper

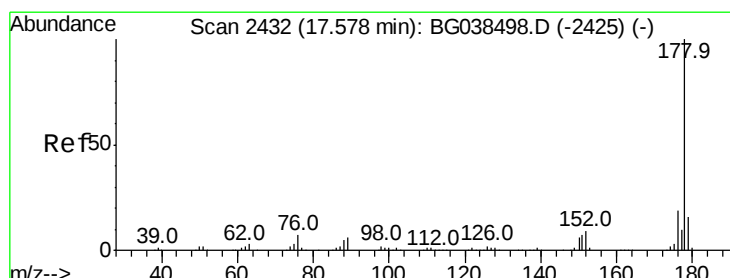
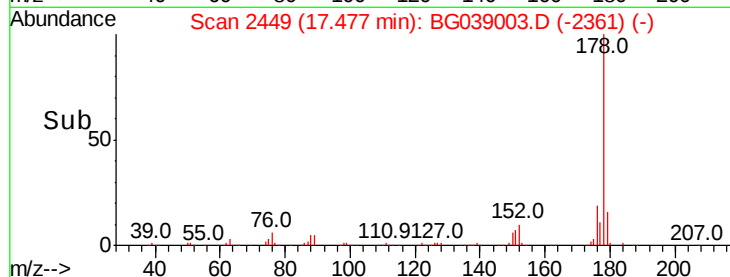
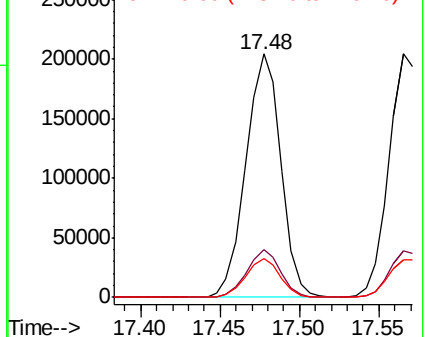
178 100

176 19.4 15.1 22.7

179 15.9 13.2 19.8



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



#72

Anthracene

Concen: 32.377 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

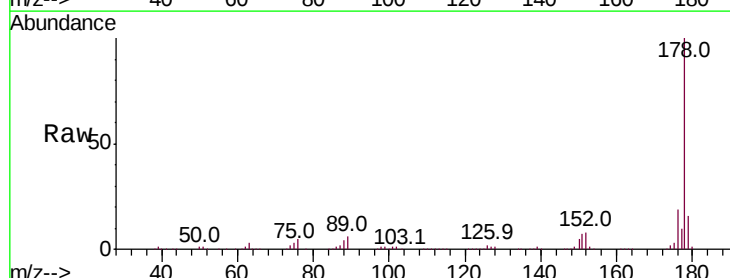
Tgt Ion:178 Resp: 318772

Ion Ratio Lower Upper

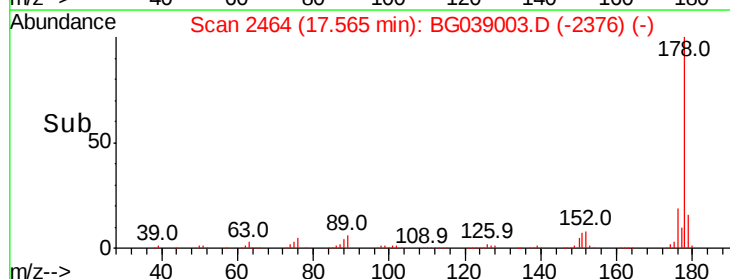
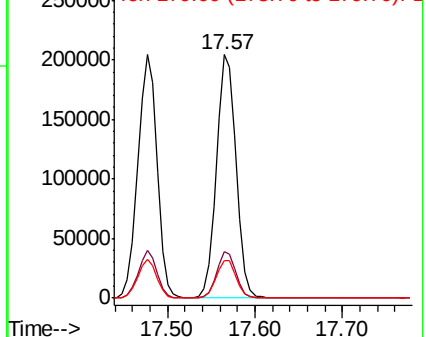
178 100

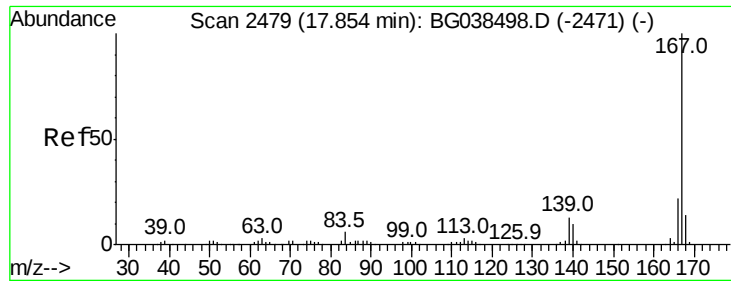
176 19.2 15.1 22.7

179 15.7 12.9 19.3



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

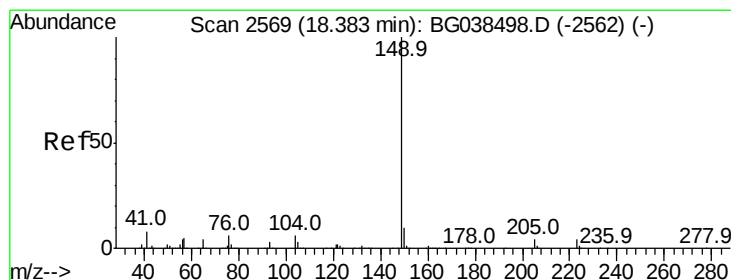
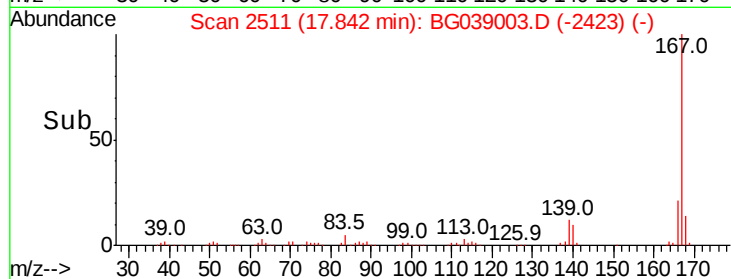
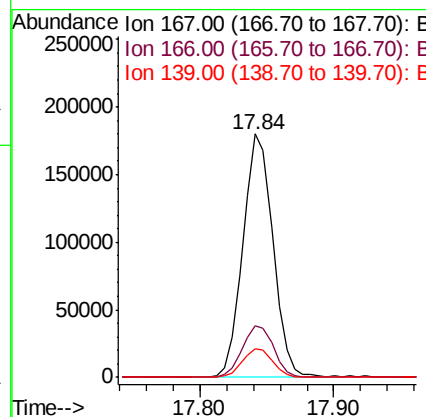
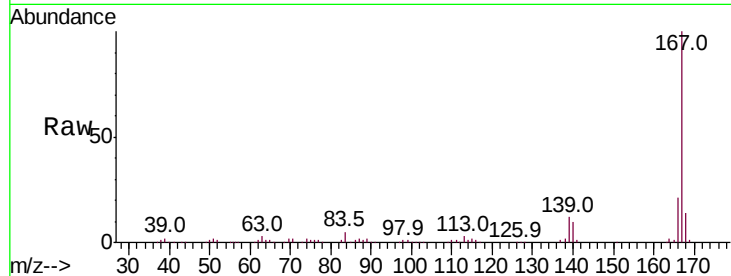




#73
 Carbazole
 Concen: 28.747 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

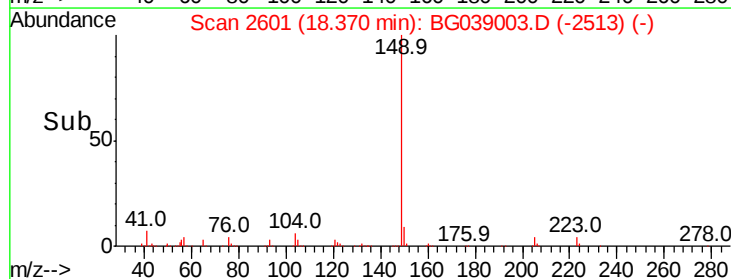
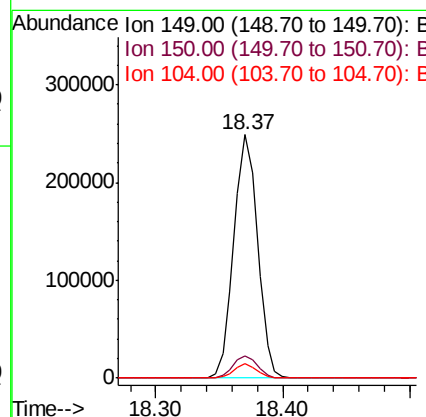
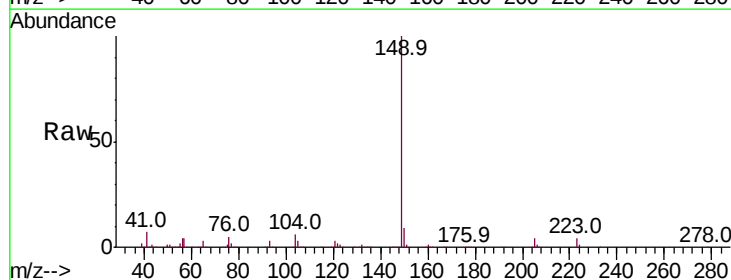
Instrument :
 BNA_G
 ClientSampleId :
 W12-7MSD

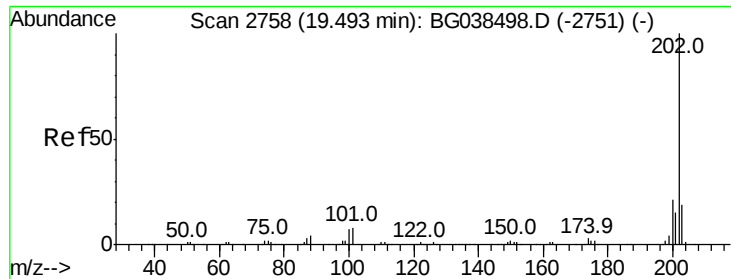
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.9	26.9
139	11.5	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 28.878 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG039003.D
 Acq: 8 Jan 2019 21:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	5.8	5.0	7.4





#75

Fluoranthene

Concen: 31.363 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampleId :

W12-7MSD

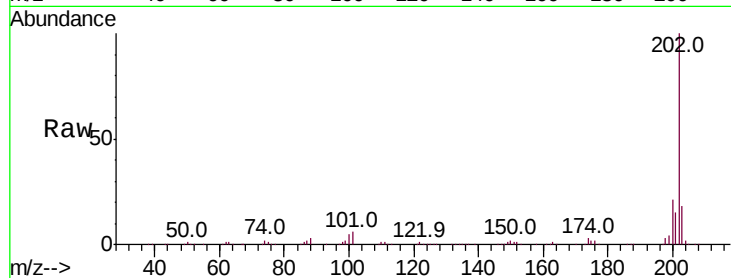
Tot Ion:202 Resp: 387017

Ion Ratio Lower Upper

202 100

101 6.2 0.0 28.1

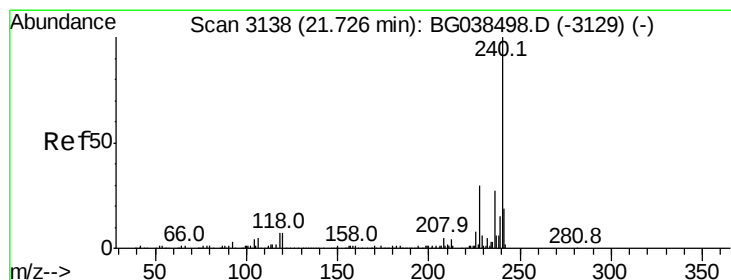
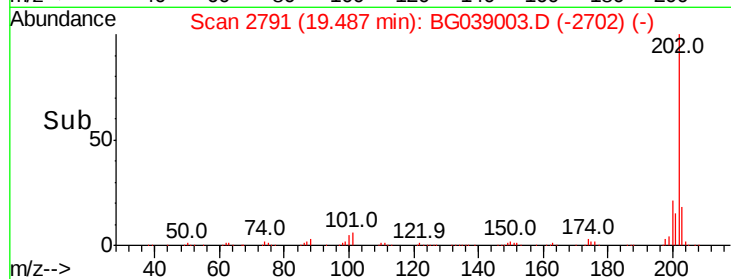
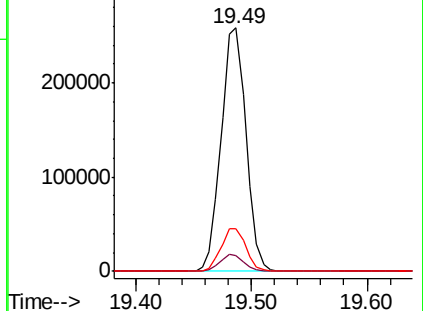
203 17.6 0.0 39.0



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: BG039003.D

Acq: 8 Jan 2019 21:10

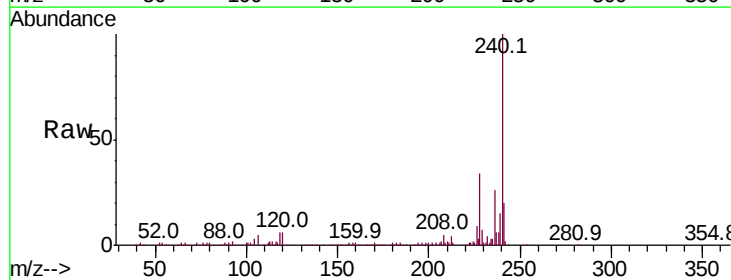
Tgt Ion:240 Resp: 199259

Ion Ratio Lower Upper

240 100

120 5.7 5.3 7.9

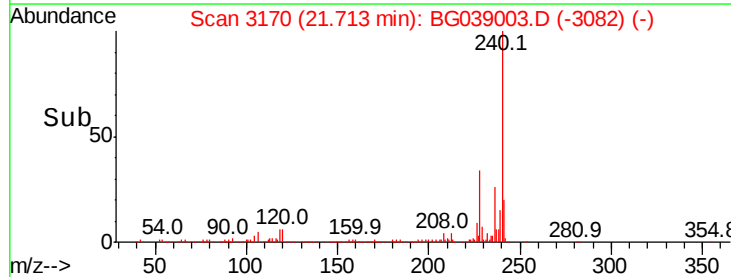
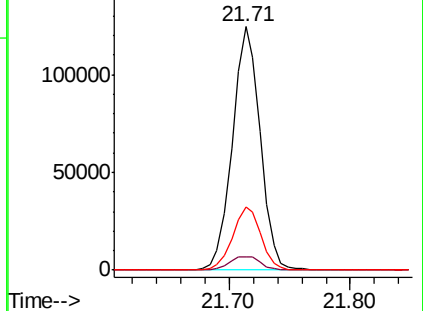
236 25.7 21.4 32.2

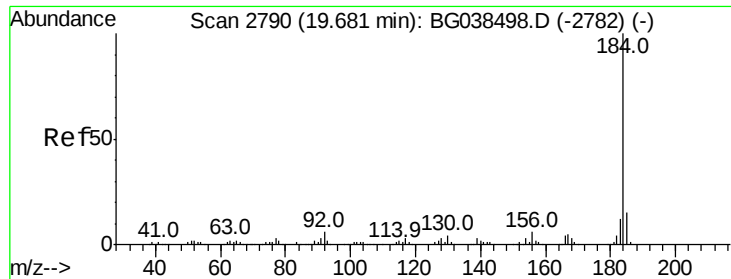


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.340 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampled :

W12-7MSD

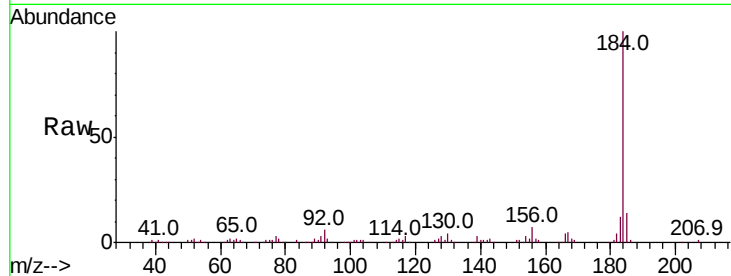
Tot Ion:184 Resp: 131646

Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.2

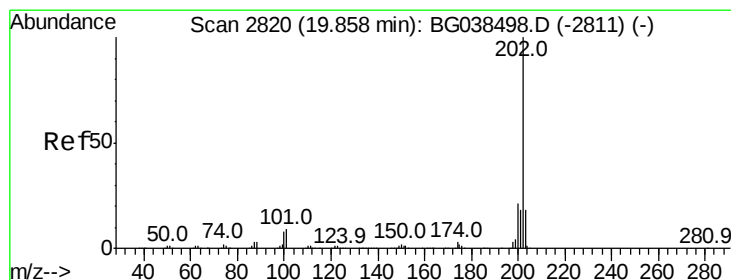
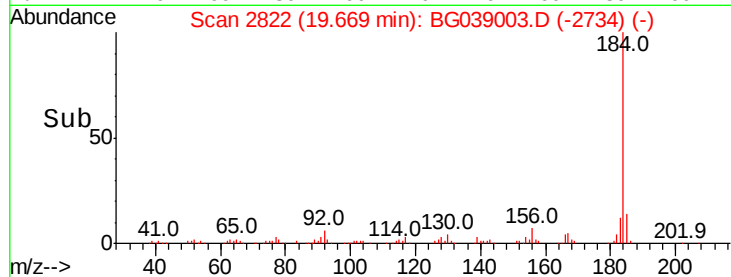
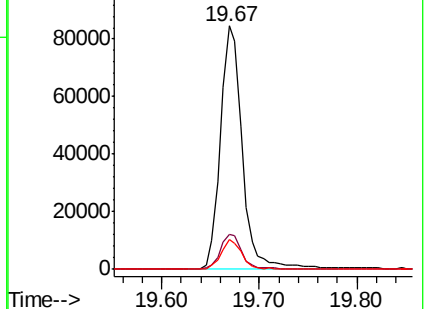
183 12.1 9.6 14.4



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: 29.836 ng

RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

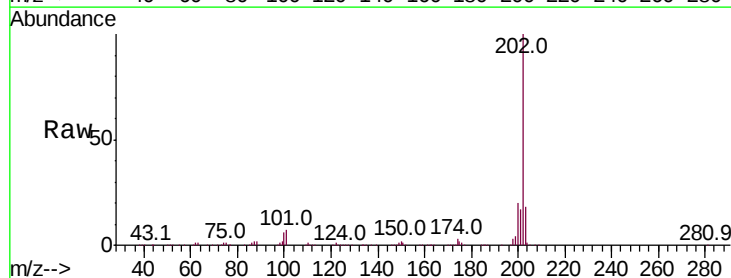
Tgt Ion:202 Resp: 392756

Ion Ratio Lower Upper

202 100

200 20.0 16.6 25.0

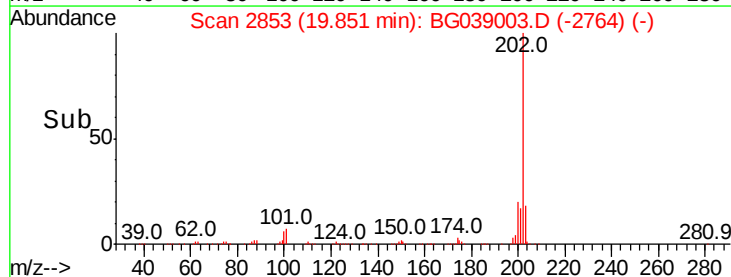
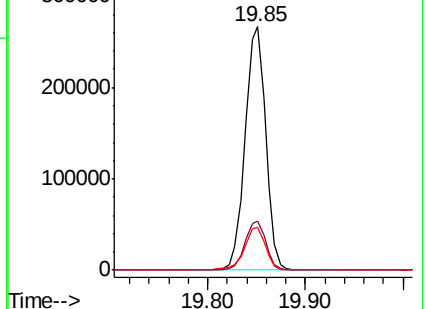
203 17.5 14.6 21.8

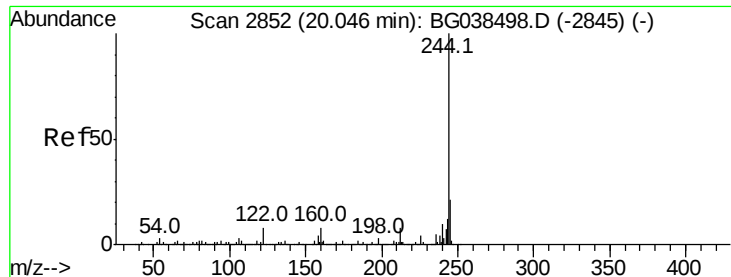


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.104 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampleId :

W12-7MSD

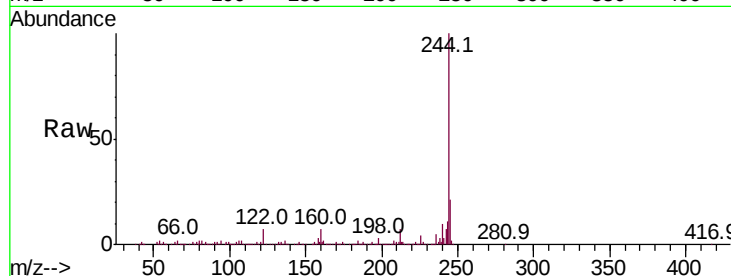
Tot Ion:244 Resp: 614384

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

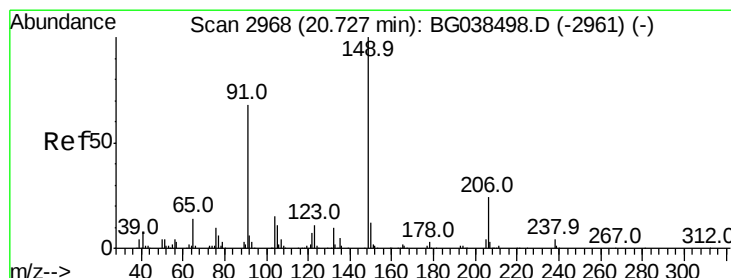
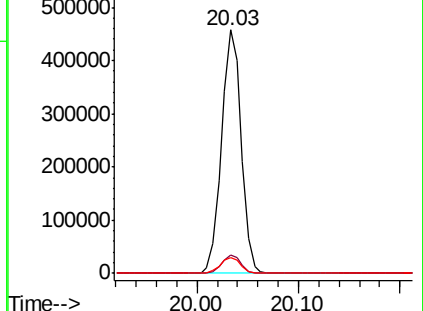
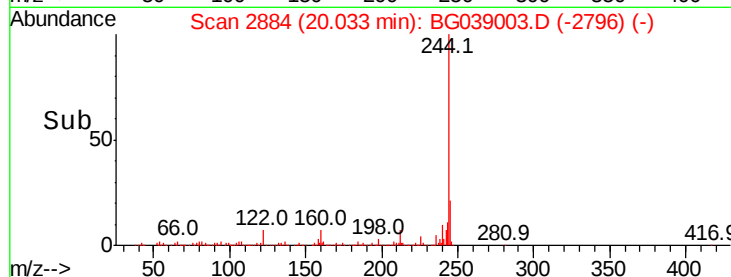
122 6.6 6.3 9.5



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: 28.801 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

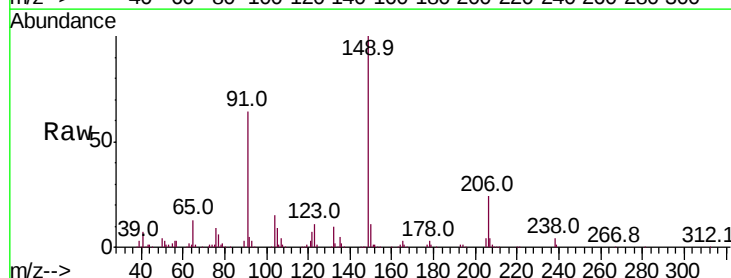
Tgt Ion:149 Resp: 148119

Ion Ratio Lower Upper

149 100

91 64.1 54.5 81.7

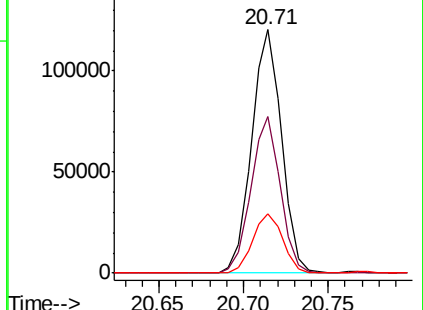
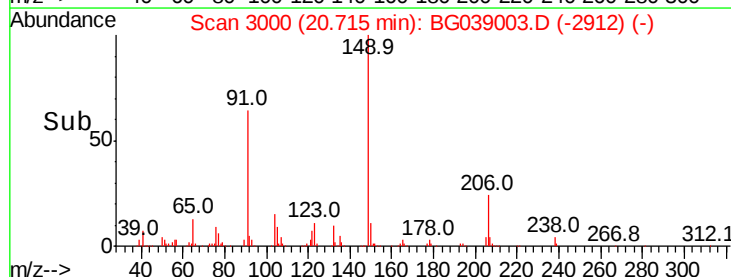
206 24.3 19.0 28.6

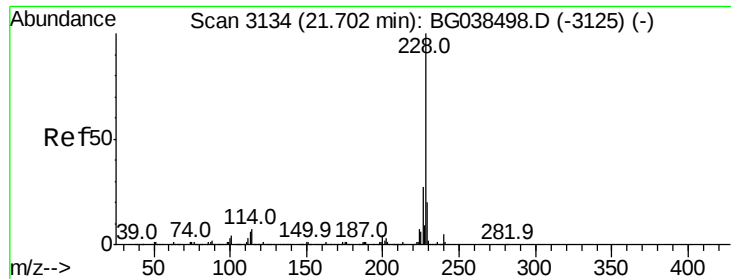


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 31.306 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

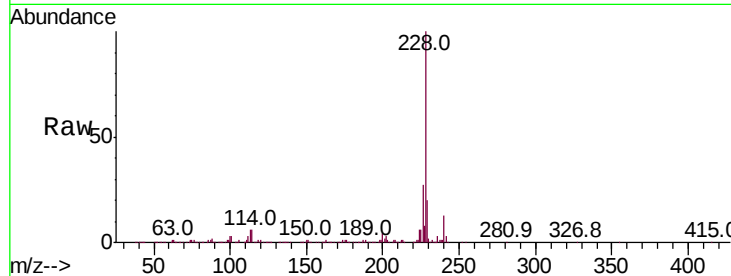
BNA_G

ClientSampleId :

W12-7MSD

Tot Ion:228 Resp: 380116

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.8
229	19.9	15.8	23.6

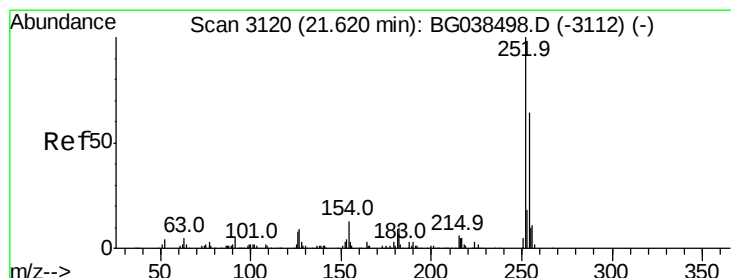
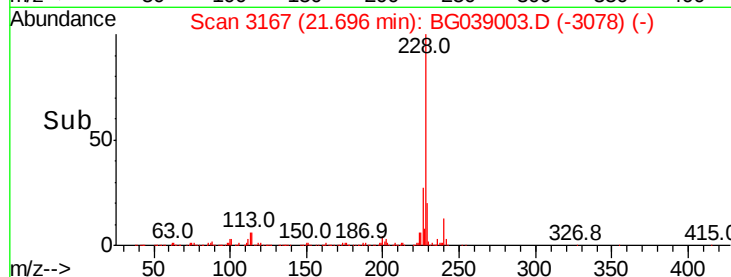
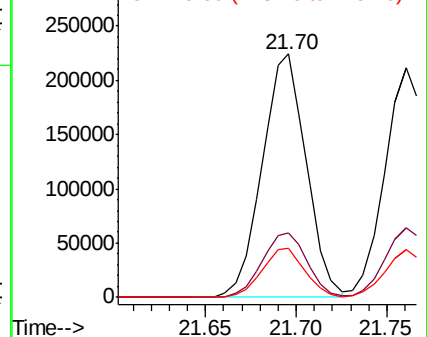


Abundance

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: 16.871 ng

RT: 21.61 min Scan# 3152

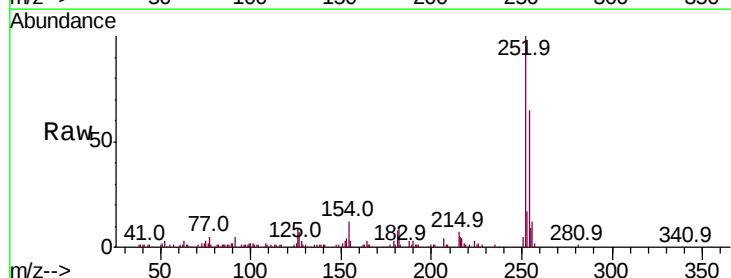
Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Tgt Ion:252 Resp: 81243

Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.9	76.3
126	8.6	6.3	9.5

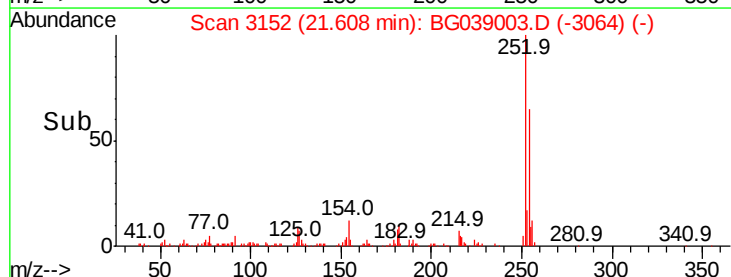
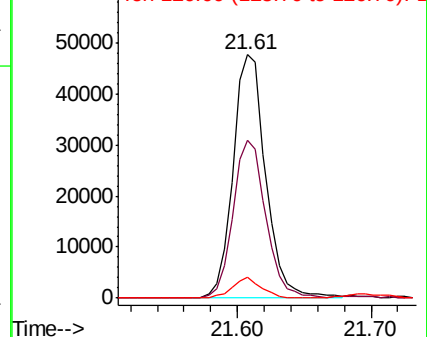


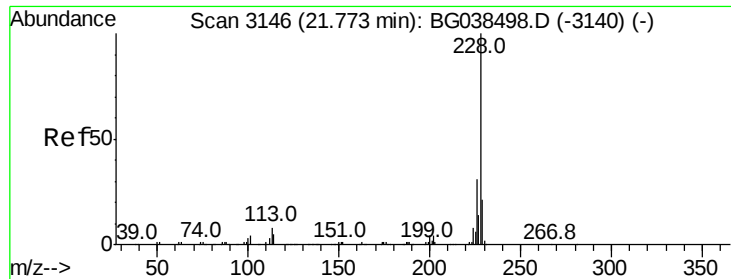
Abundance

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: 29.931 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampleId :

W12-7MSD

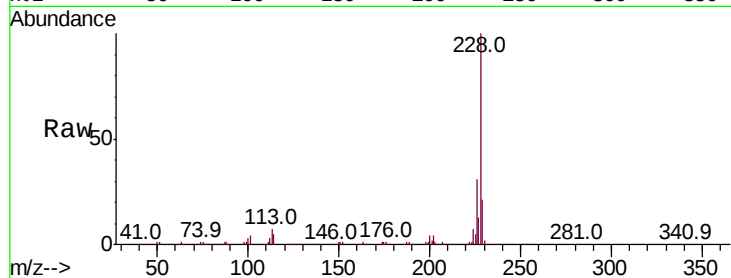
Tot Ion:228 Resp: 350046

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.4

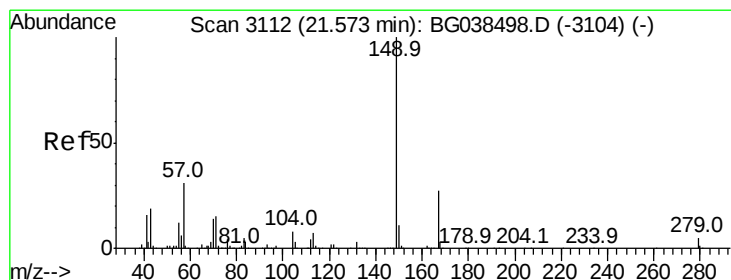
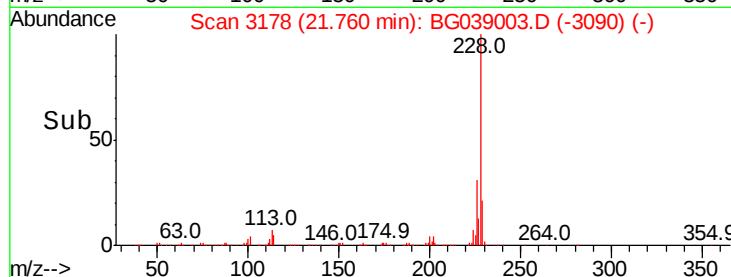
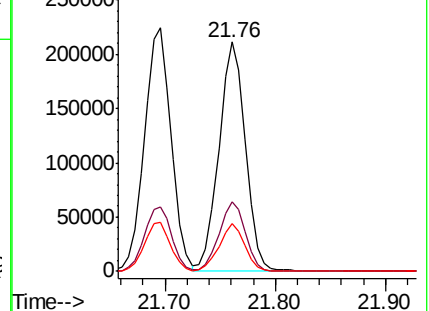
229 20.7 16.5 24.7



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: 28.542 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

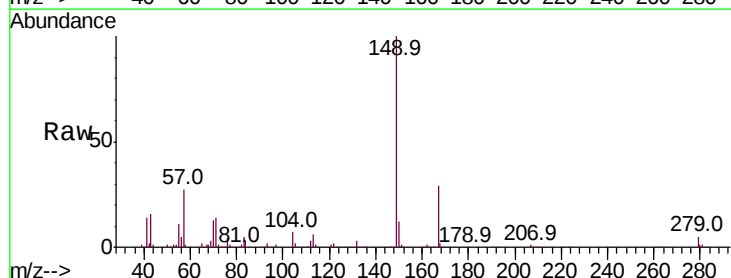
Tgt Ion:149 Resp: 208187

Ion Ratio Lower Upper

149 100

167 28.7 21.9 32.9

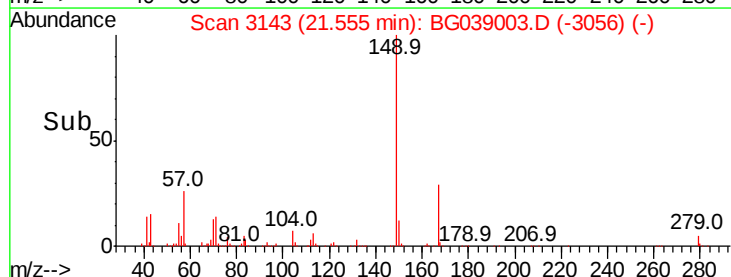
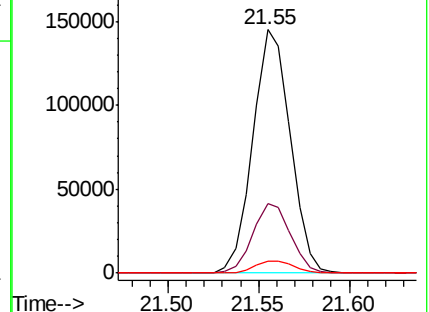
279 5.1 4.2 6.2

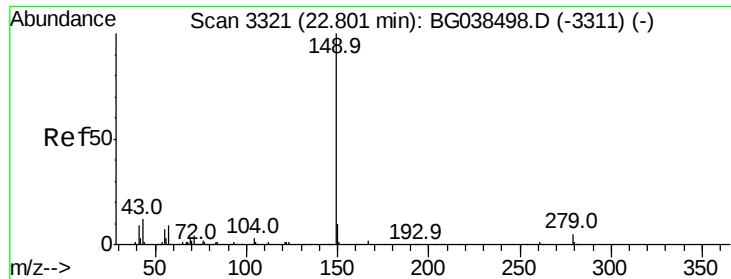


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

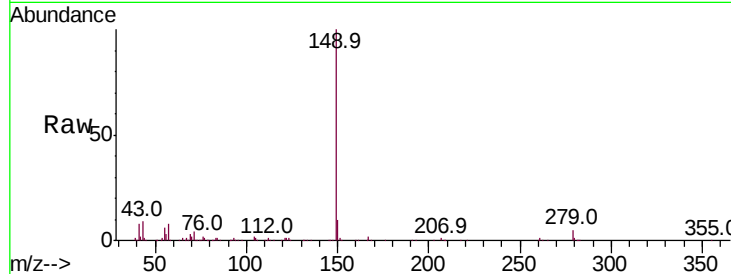




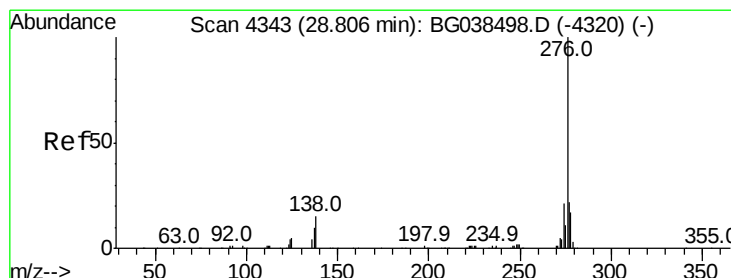
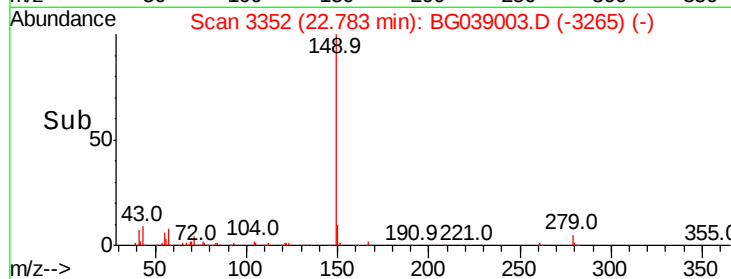
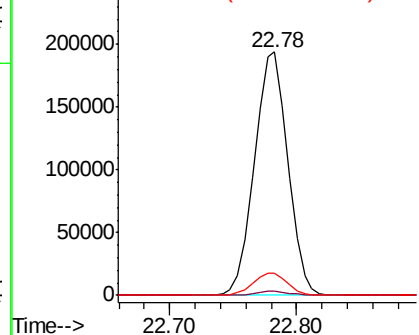
#85
Di-n-octyl phthalate
Concen: 29.057 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

Instrument :
BNA_G
ClientSampled :
W12-7MSD

Tot Ion:149 Resp: 354951
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.3 9.3 13.9

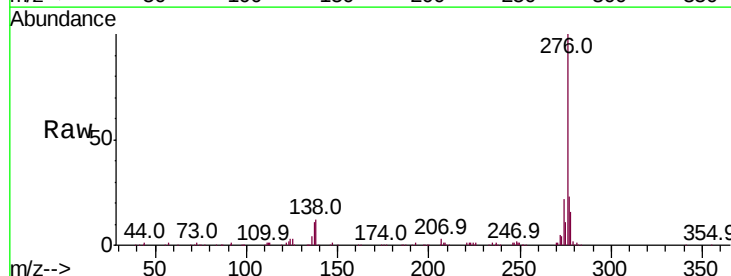


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

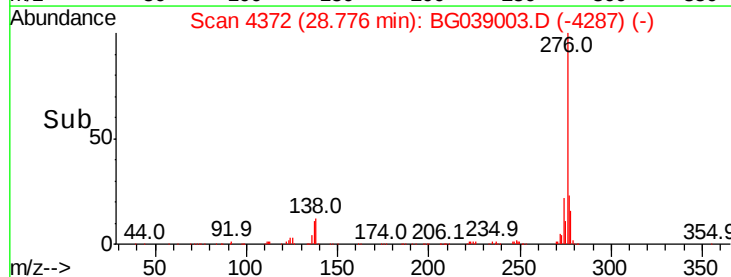
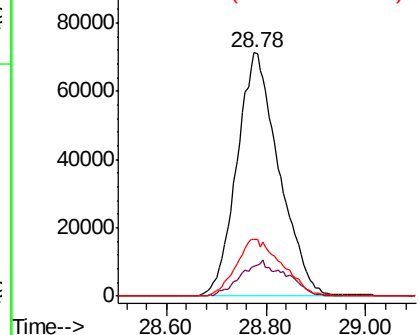


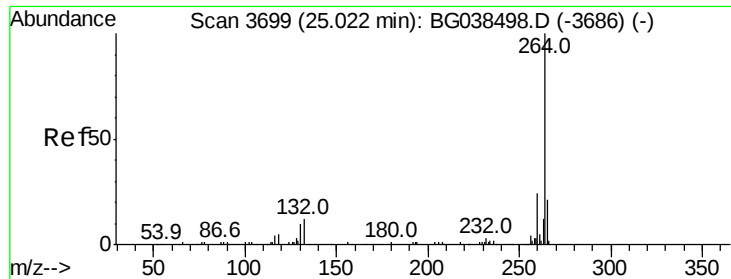
#86
Indeno(1,2,3-cd)pyrene
Concen: 30.479 ng
RT: 28.78 min Scan# 4372
Delta R.T. -0.03 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

Tgt Ion:276 Resp: 419063
Ion Ratio Lower Upper
276 100
138 10.5 14.4 21.6#
277 25.4 0.0 0.0#



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampleId :

W12-7MSD

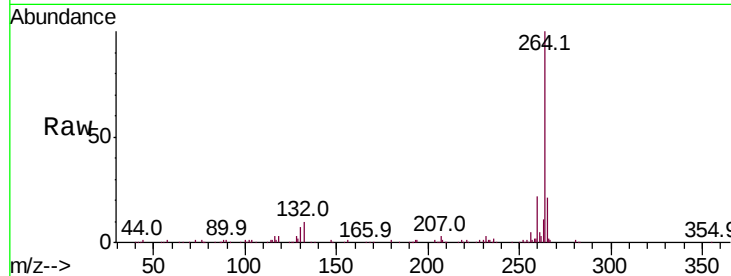
Tot Ion:264 Resp: 215316

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.9	28.3
265	21.4	17.0	25.4

264 100

260 21.9 18.9 28.3

265 21.4 17.0 25.4

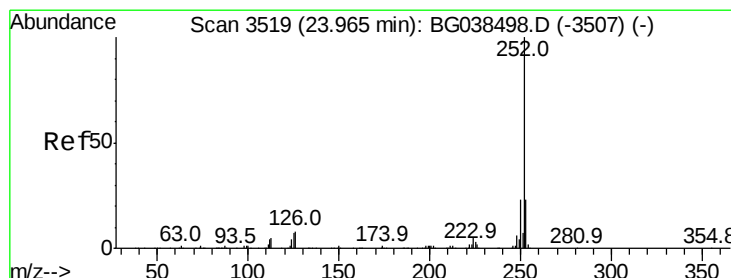
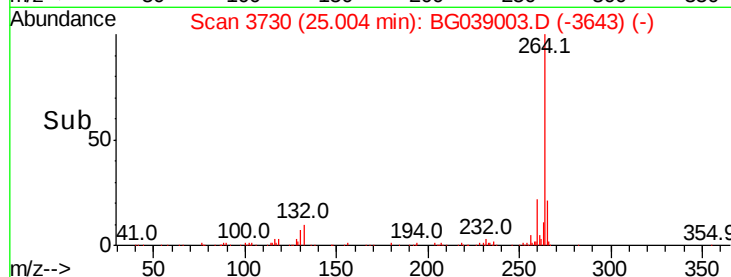
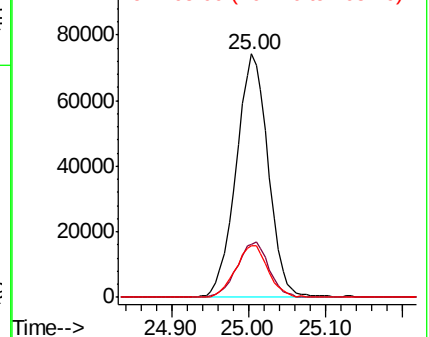


Abundance

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: 31.717 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

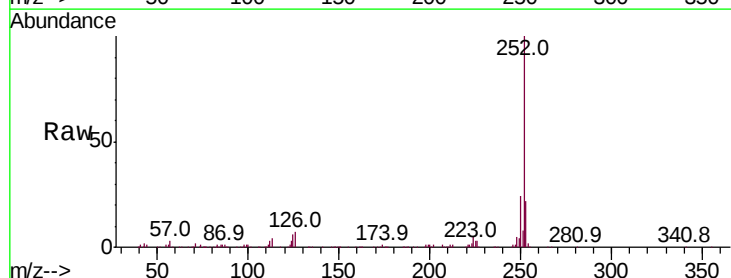
Tgt Ion:252 Resp: 374946

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	6.4	5.5	8.3

252 100

253 21.9 18.1 27.1

125 6.4 5.5 8.3

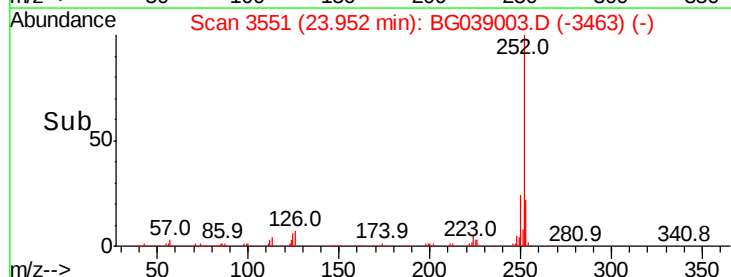
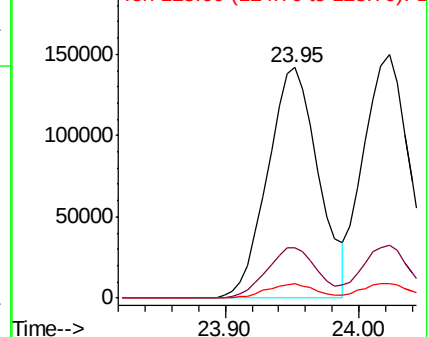


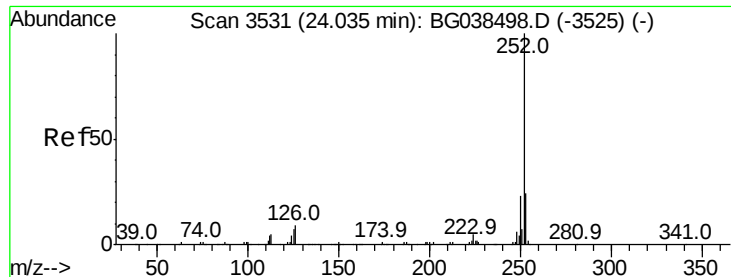
Abundance

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

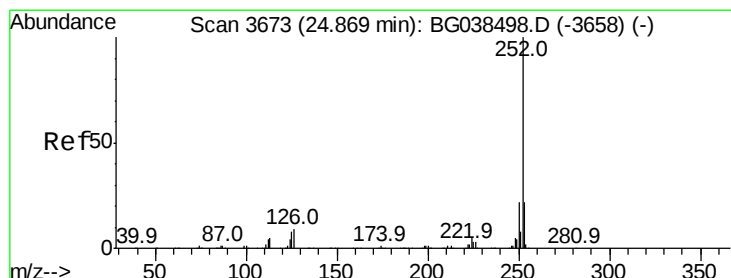
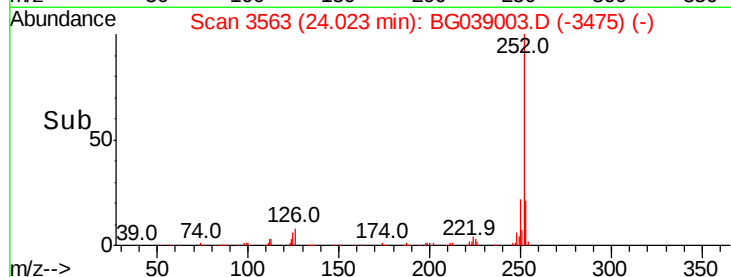
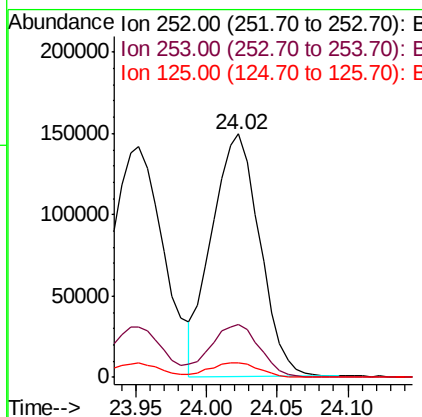
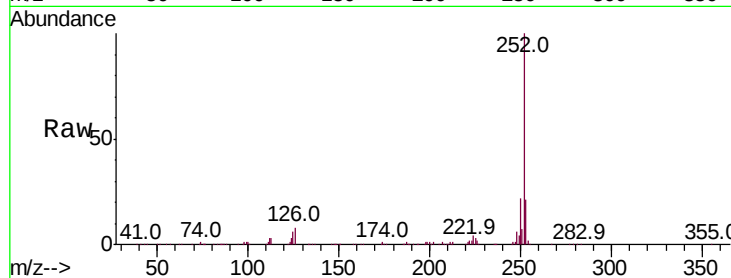




#89
Benzo(k)fluoranthene
Concen: 29.996 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

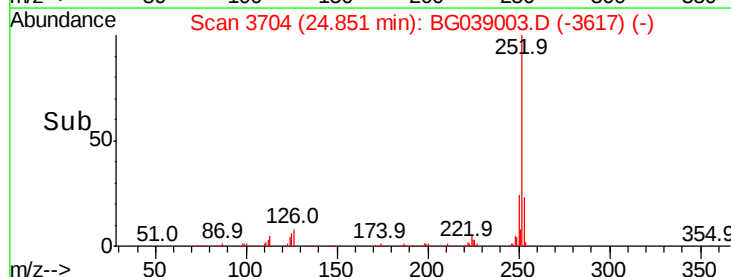
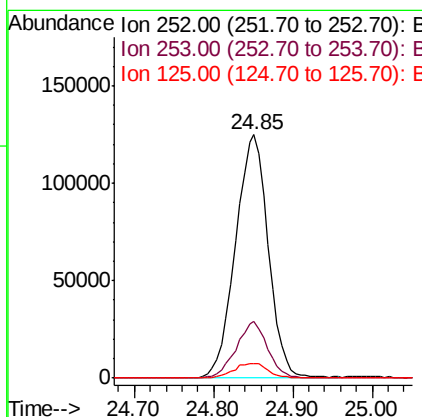
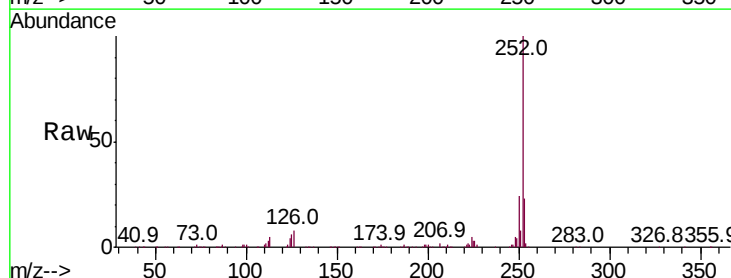
Instrument :
BNA_G
ClientSampleId :
W12-7MSD

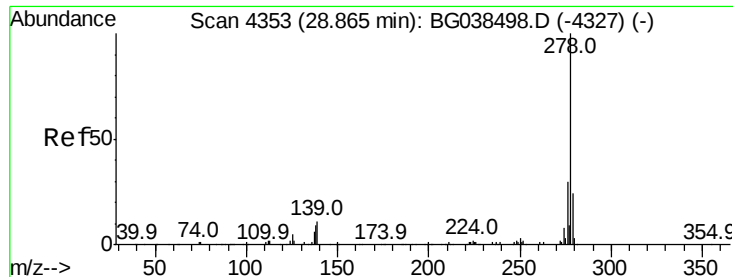
Tot Ion:252 Resp: 353111
Ion Ratio Lower Upper
252 100
253 21.5 18.9 28.3
125 5.8 5.4 8.2



#90
Benzo(a)pyrene
Concen: 31.437 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG039003.D
Acq: 8 Jan 2019 21:10

Tgt Ion:252 Resp: 358531
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 6.1 6.4 9.6#





#91

Dibenzo(a,h)anthracene

Concen: 30.790 ng

RT: 28.83 min Scan# 4382

Delta R.T. -0.03 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

Instrument :

BNA_G

ClientSampleId :

W12-7MSD

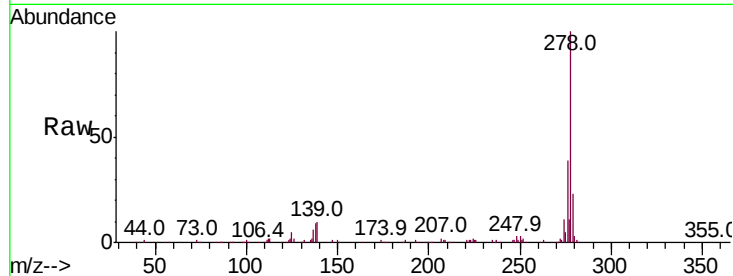
Tot Ion:278 Resp: 349635

Ion Ratio Lower Upper

278 100

139 9.9 8.6 12.8

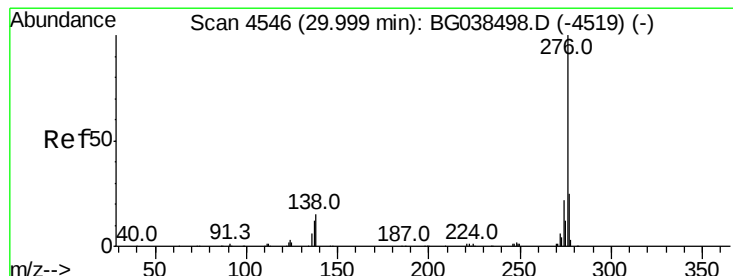
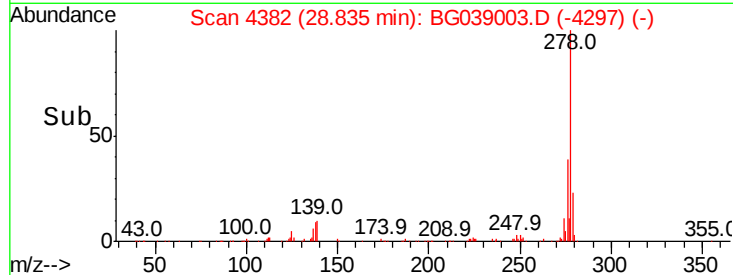
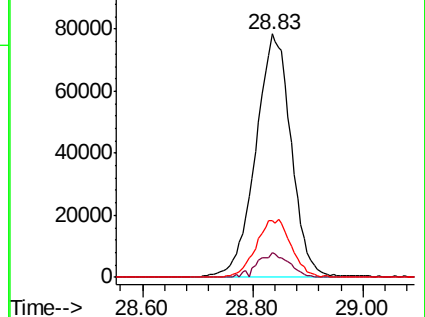
279 23.3 19.0 28.6



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: 30.679 ng

RT: 29.97 min Scan# 4575

Delta R.T. -0.03 min

Lab File: BG039003.D

Acq: 8 Jan 2019 21:10

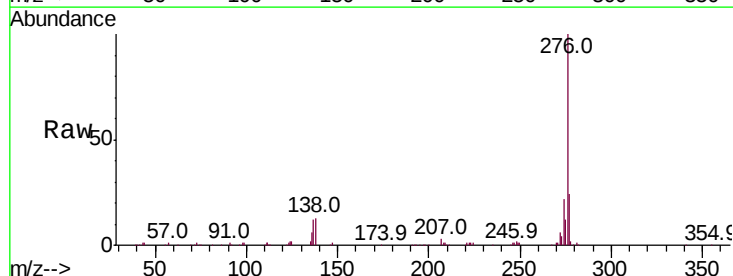
Tgt Ion:276 Resp: 343327

Ion Ratio Lower Upper

276 100

277 24.1 19.8 29.8

138 12.7 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

